

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-02049
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Union
8. Well Number 2
9. OGRID Number 7377
10. Pool name or Wildcat Vacuum; Grayburg-San Andres

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☐ Other P&A ☐	
2. Name of Operator EOG Resources, Inc.	
3. Address of Operator 104 South Fourth Street, Artesia, NM 88210	
4. Well Location Unit Letter <u>A</u> : <u>660</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>17</u> Township <u>17S</u> Range <u>34E</u> NMPM <u>Lea</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4081'GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☒
 CASING/CEMENT JOB ☐ PNR ☐
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9/25/23 – MIRU and NU BOP. RIH with GR/JB to 4672'. Set a CIBP at 4662', tagged.

9/26/23 – Displaced well with 110 bbls brine mud gel. Spotted 30 sx Class "C" cement on top of CIBP to 4368' calc TOC. Loaded casing with 3 bbls brine. Attempted to test, did not test. Ran CBL from 4000' up to surface. Emailed CBL to Kerry Fortner with NMOCD-Hobbs and texted daily progress.

9/27/23 – Tagged TOC 4392'. Spotted a 25 sx Class "C" cement plug from 3943'-3696' calc TOC. Displaced with 14.5 bbls brine. Loaded casing with ½ bbl brine. Tagged TOC 3710'. Perforated at 2762'. Pressure tested to 500 psi, held good. Spotted a 25 sx Class "C" cement plug from 2821'-2574' calc TOC. Displaced with 10 bbls brine. Texted Kerry Fortner with NMOCD with daily progress.

9/28/23 – Tagged TOC 2570'. Perforated at 1750'. Pressure tested to 500 psi, held good. Spotted a 35 sx Class "C" cement plug from 1800'-1440', tagged. Perforated at 450'. Squeezed with 111 sx Class "C" cement from 450' and circulated up to surface. Texted Kerry Fortner with NMOCD with daily progress.

10/3/23 – Cut off wellhead and installed above ground dry hole marker. Cut off anchors and cleaned location. **WELL IS PLUGGED AND ABANDONED.**

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tina Huerta TITLE Regulatory Specialist DATE October 3, 2023

Type or print name Tina Huerta E-mail address: tina_huerta@eogresources.com PHONE: 575-748-4168

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 10/11/23
 Conditions of Approval (if any):

Union 2		Sec-TWN-RNG: A-17-17S-34E	API: 30-025-02049
Plug 5		FOOTAGES: 660 FNL 660 FEL	GL: 4084
		KB:	
		CASING DETAIL	
		#	HOLE SIZE
		SIZE	WGHT
		GRADE	Top
		Bottom	Sx Cmt
		Circ/TOC	TOC Method
		A	11
		8 5/8	
		B	7 7/8
		5 1/2	17 and 20
		N-80	0
		4,775	150
		350	Circ
		3037	calc
		FORMATION TOPS	
		Formation	Top
		Anhydrate	1590
		T Salt	1700
		B Salt	2712
		Queen	3895
		San Andres	4625
		PLUG DETAILS	
		#	sx
		Class	Top
		Bottom	Tag
		Notes	
		1	30
		C	4392
		4662	Y
		CIBP	
		2	25
		C	3710
		3943	Y
		3	25
		C	2570
		2821	Y
		Perforate 2762'	
		4	35
		C	1440
		1800	Y
		Perforate 1750'	
		5	111
		C	0
		450	N
		Perforate 450'	
		Perforation Detail	
		Formation	Top
		Bottom	Treatment
		4,712	4,722
		4spf	Acidized w/ 1500 gal 15% reg. Acid
		10/4/23	



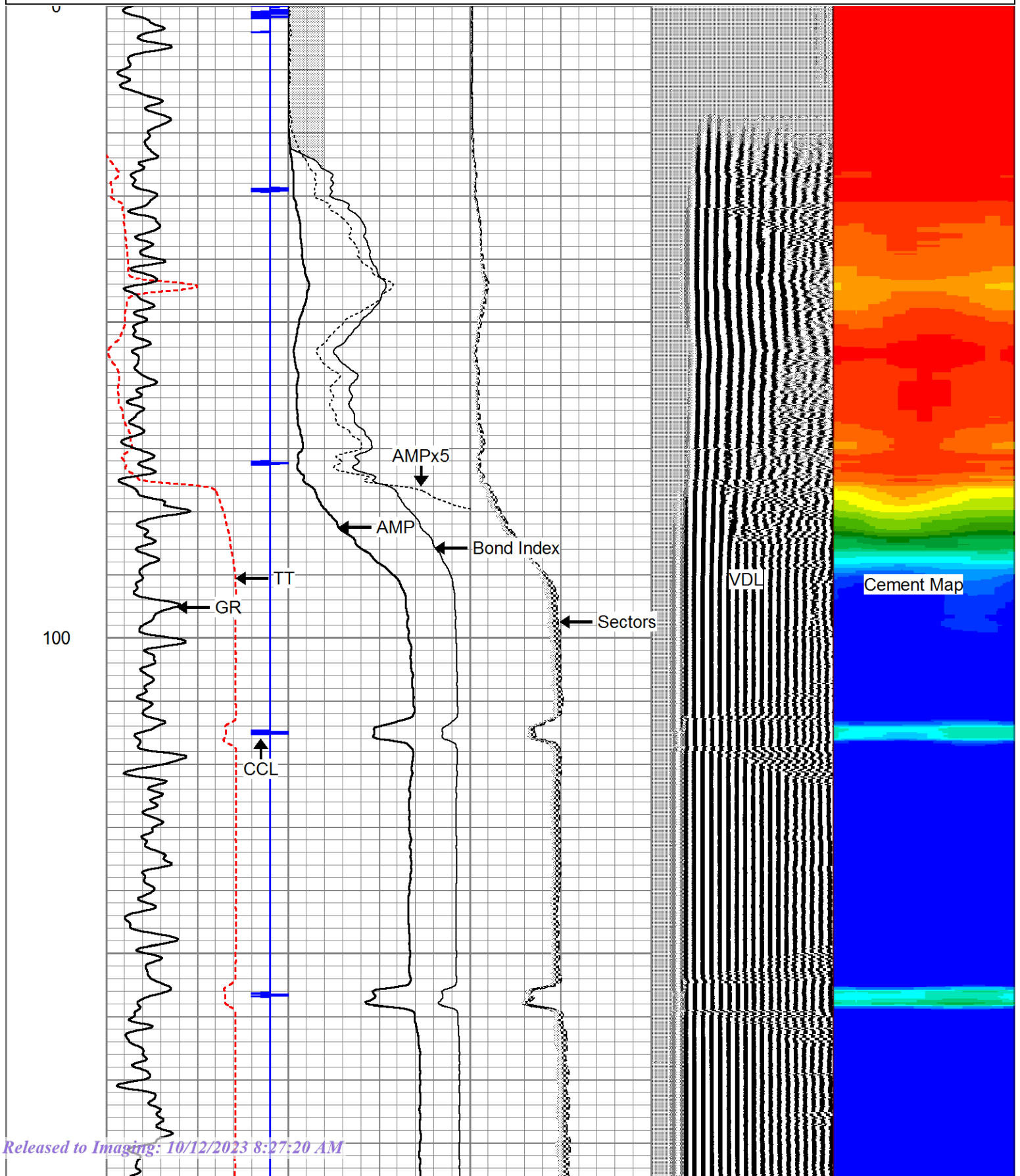
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Comments

*****Thank you for using JSI Wireline*****

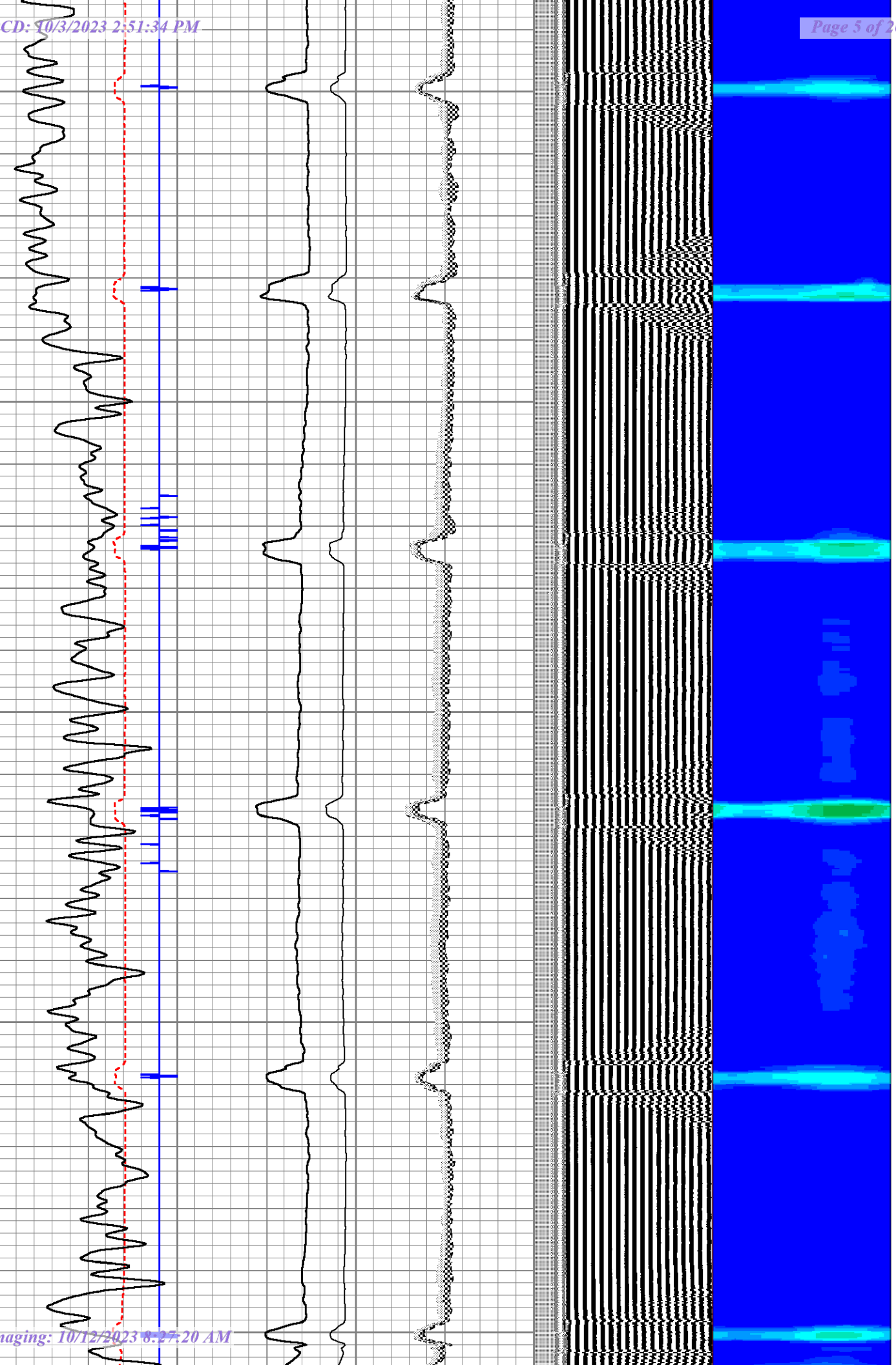


340	TT (usec)	240	0	AMP (mV)	100	-2	AMPAVG	200	200	VDL (usec)	1200	1	Cement Map	8
-9	CCL	1	0	AMPx5 (mV)	20	-2	AMPMAX	200						
0	GR (GAPI)	120	1	Bond Index	0	-2	AMPMIN	200						



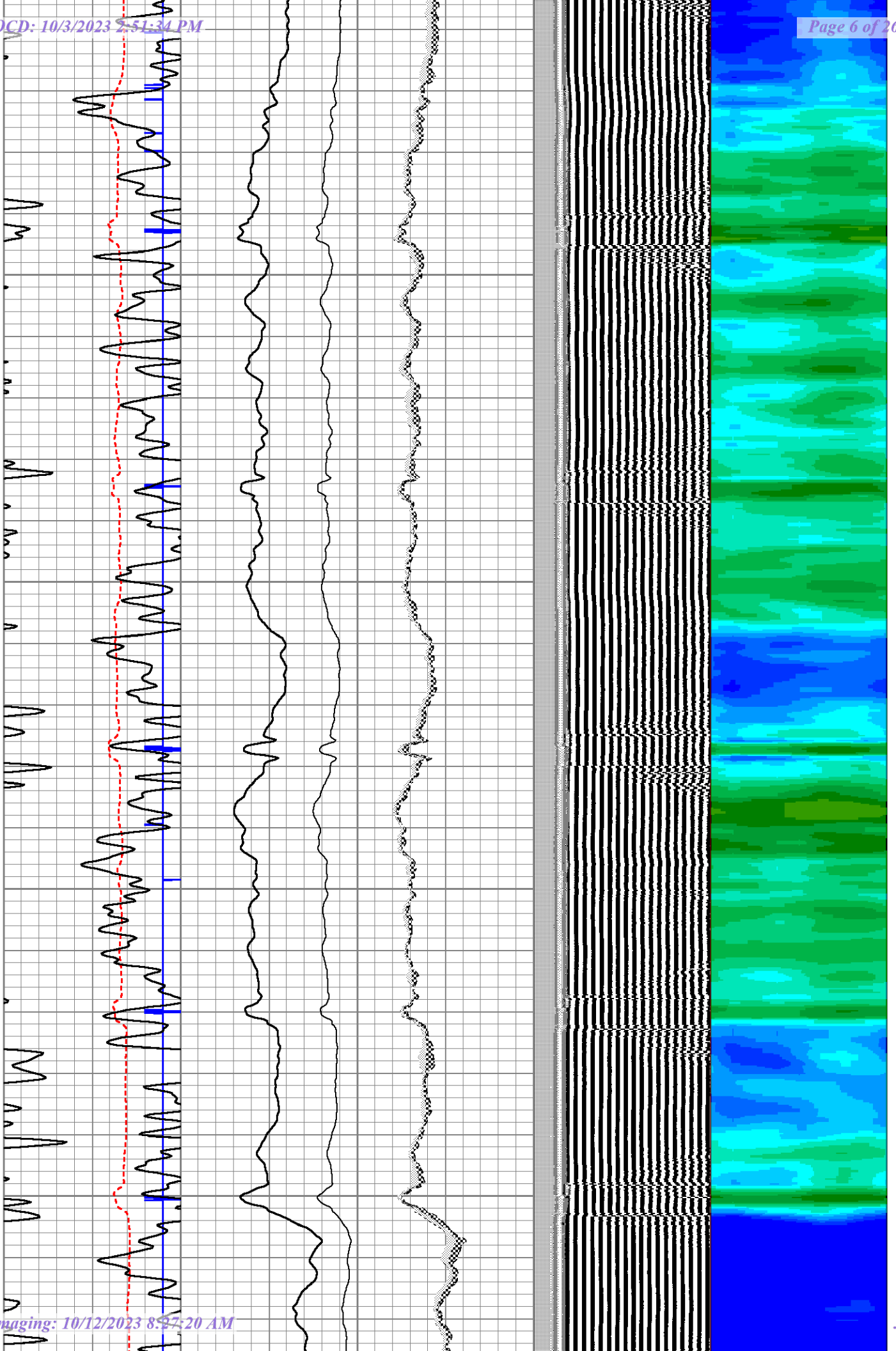
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300



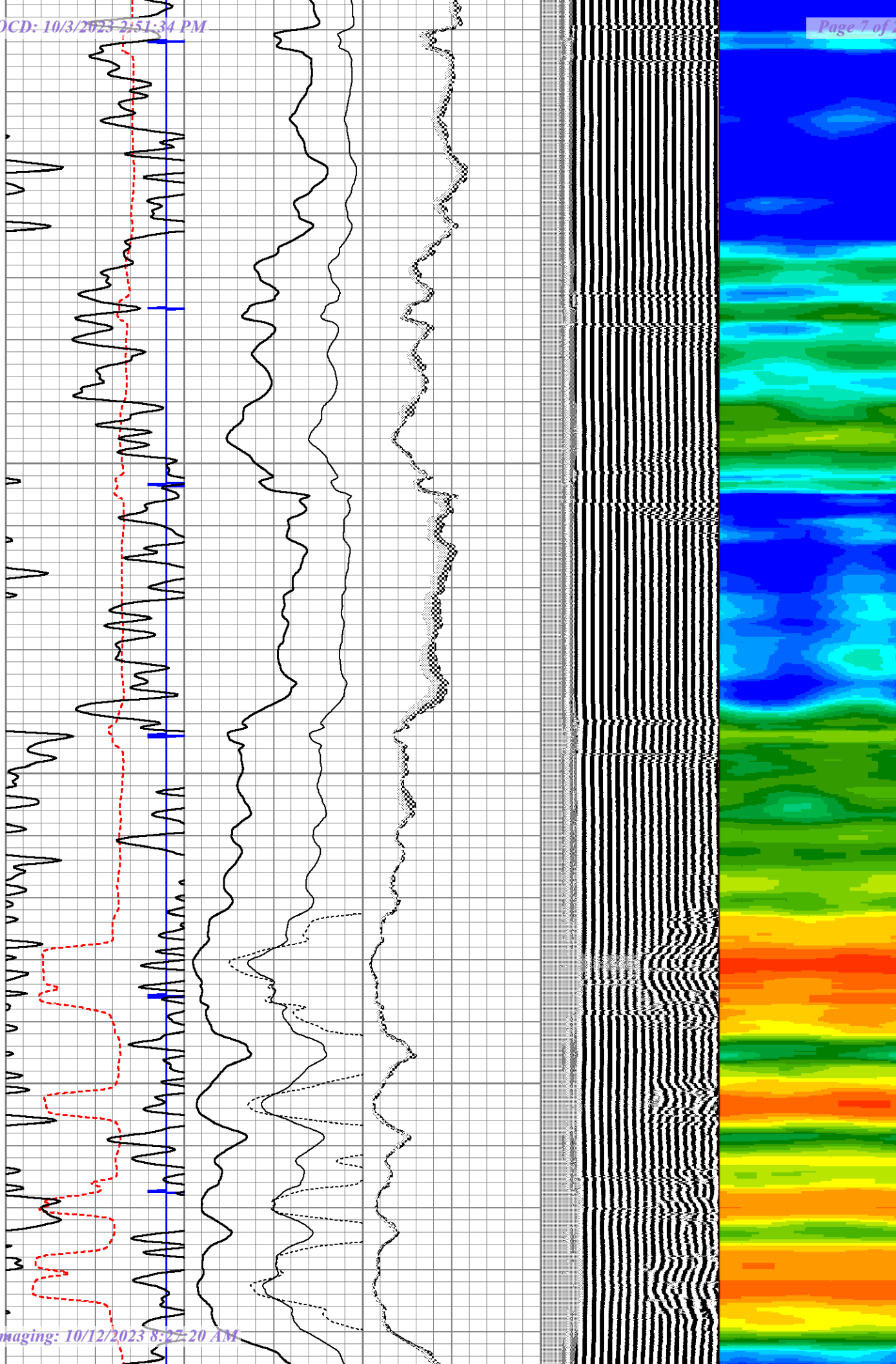
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600



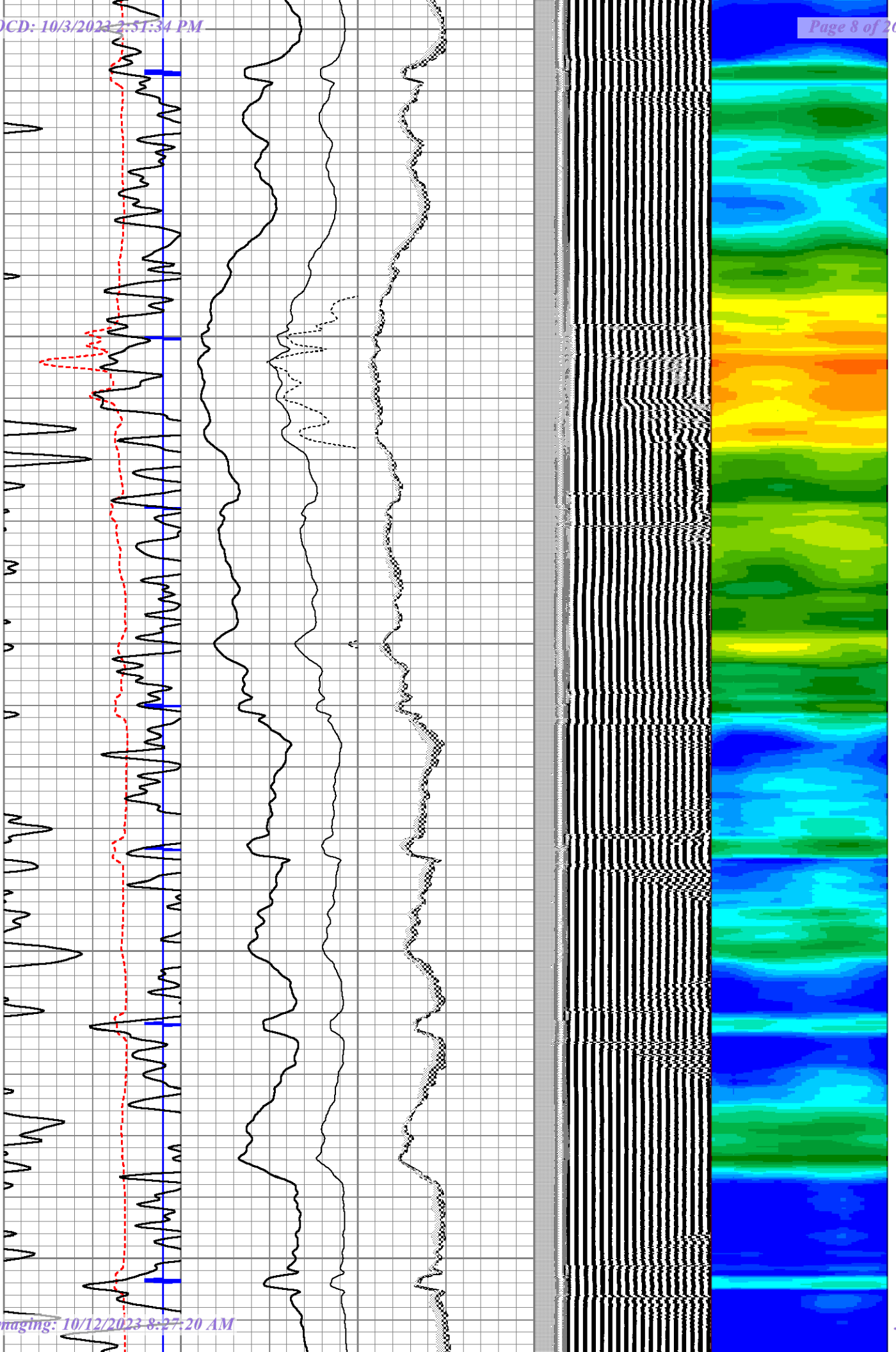
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800



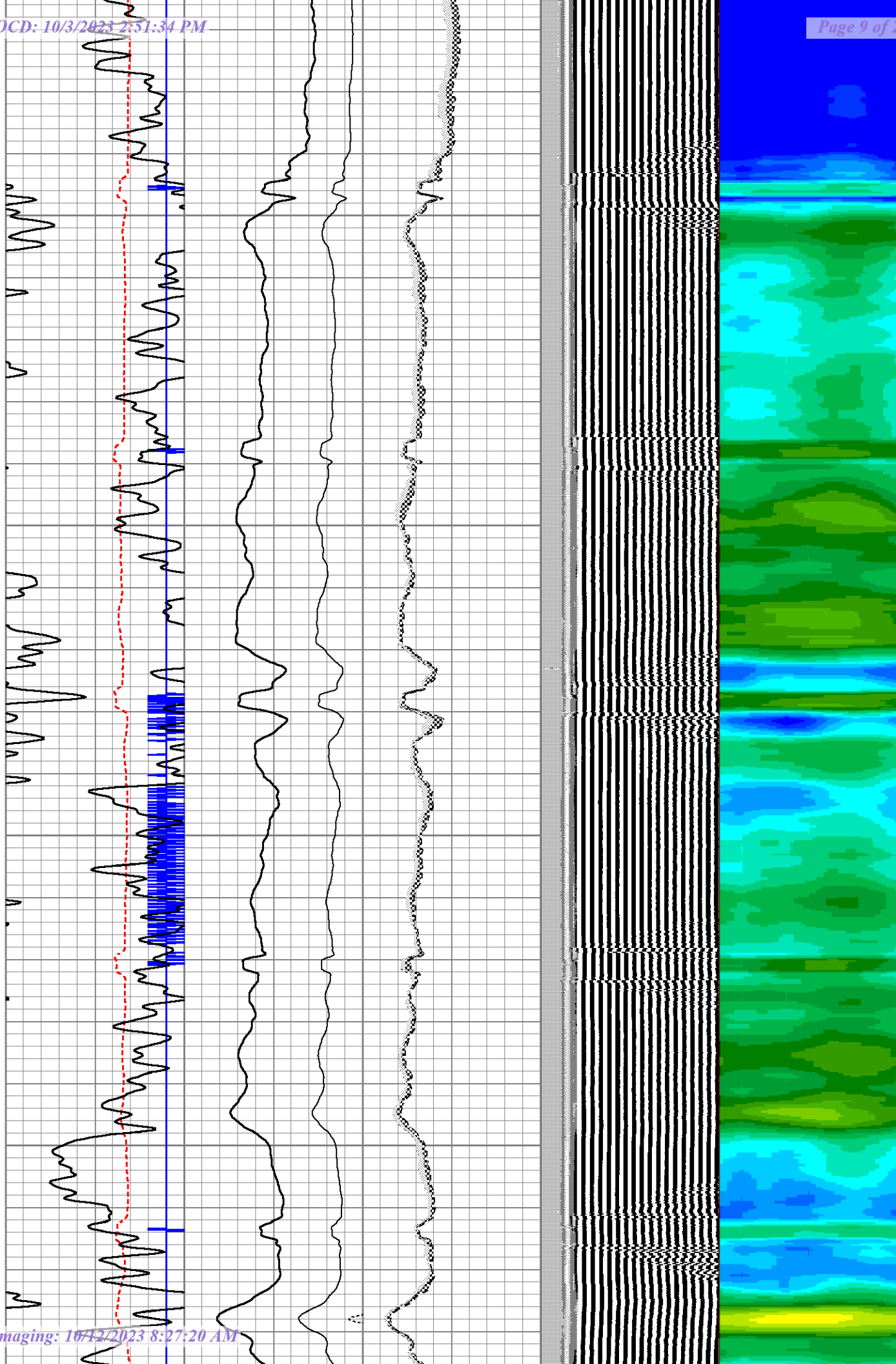
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1000



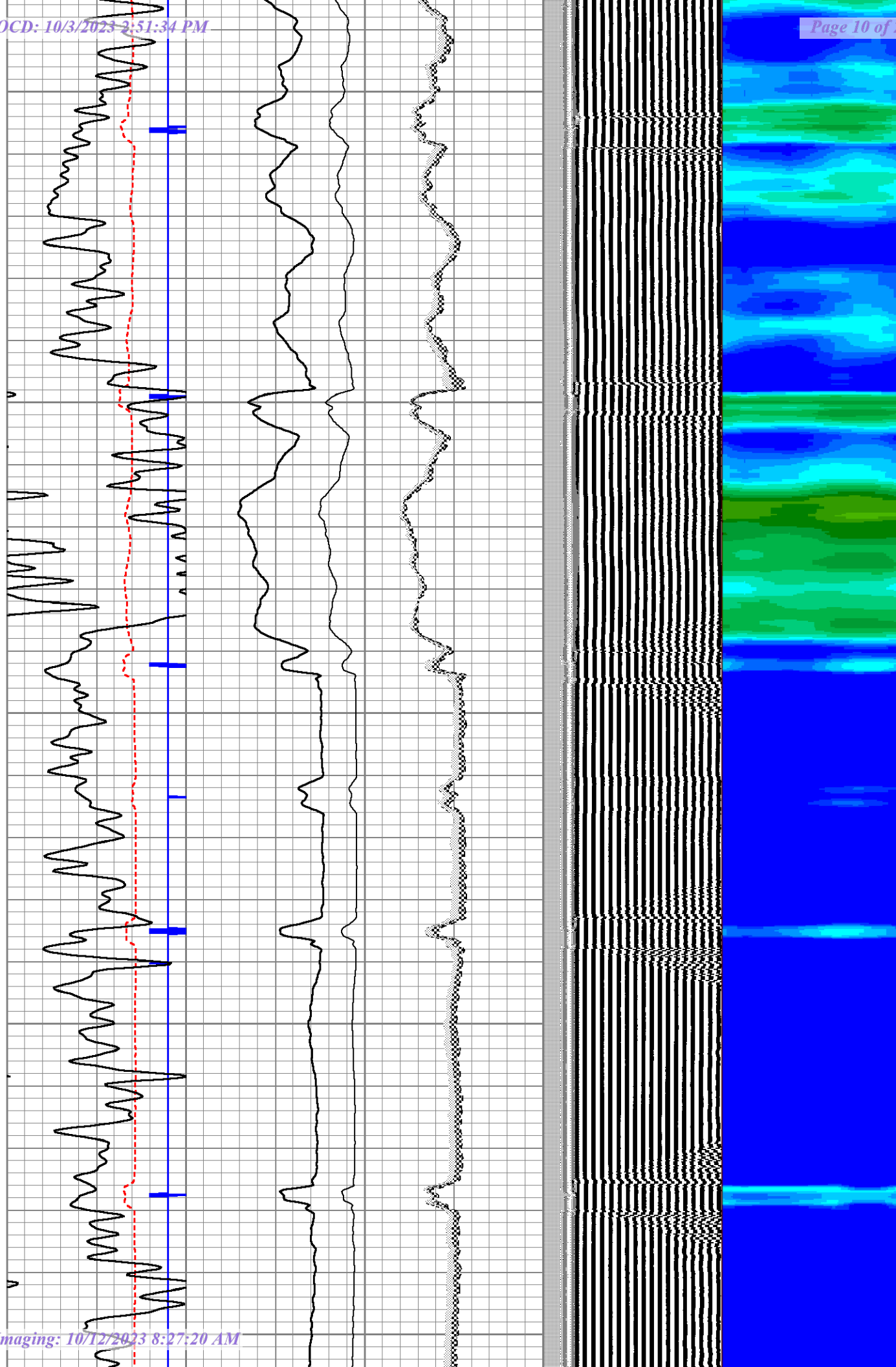
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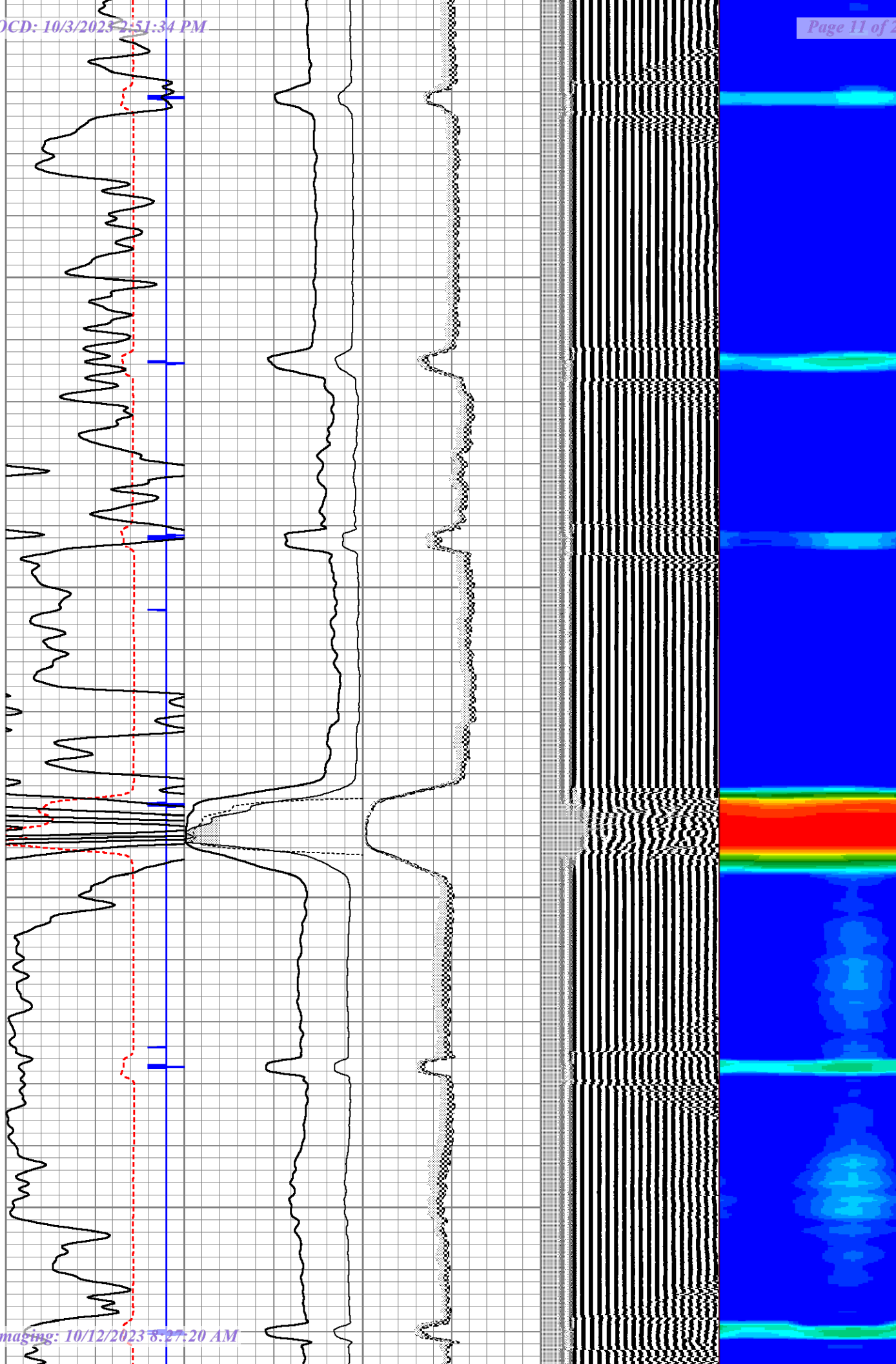
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1500
eased t



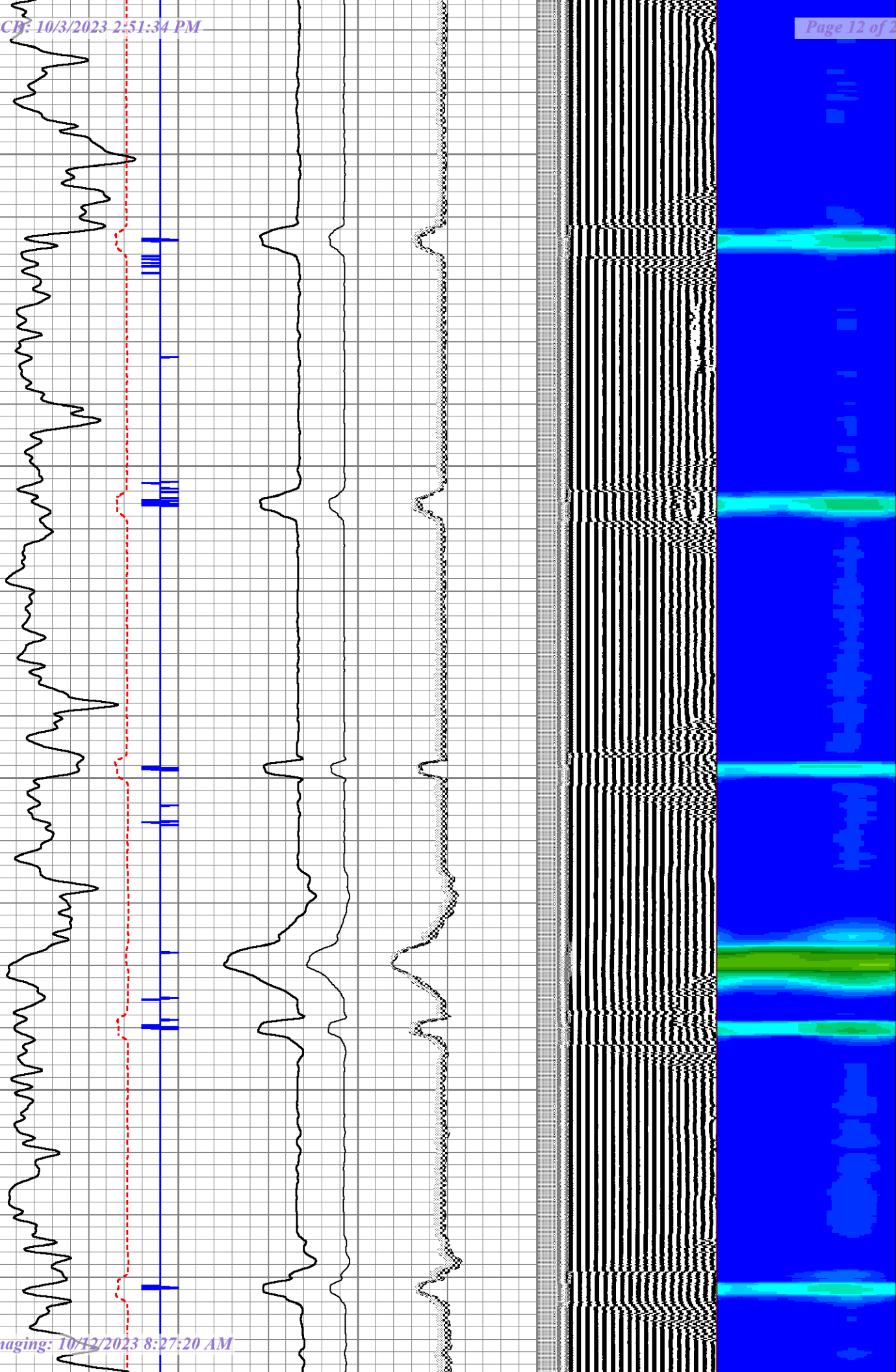
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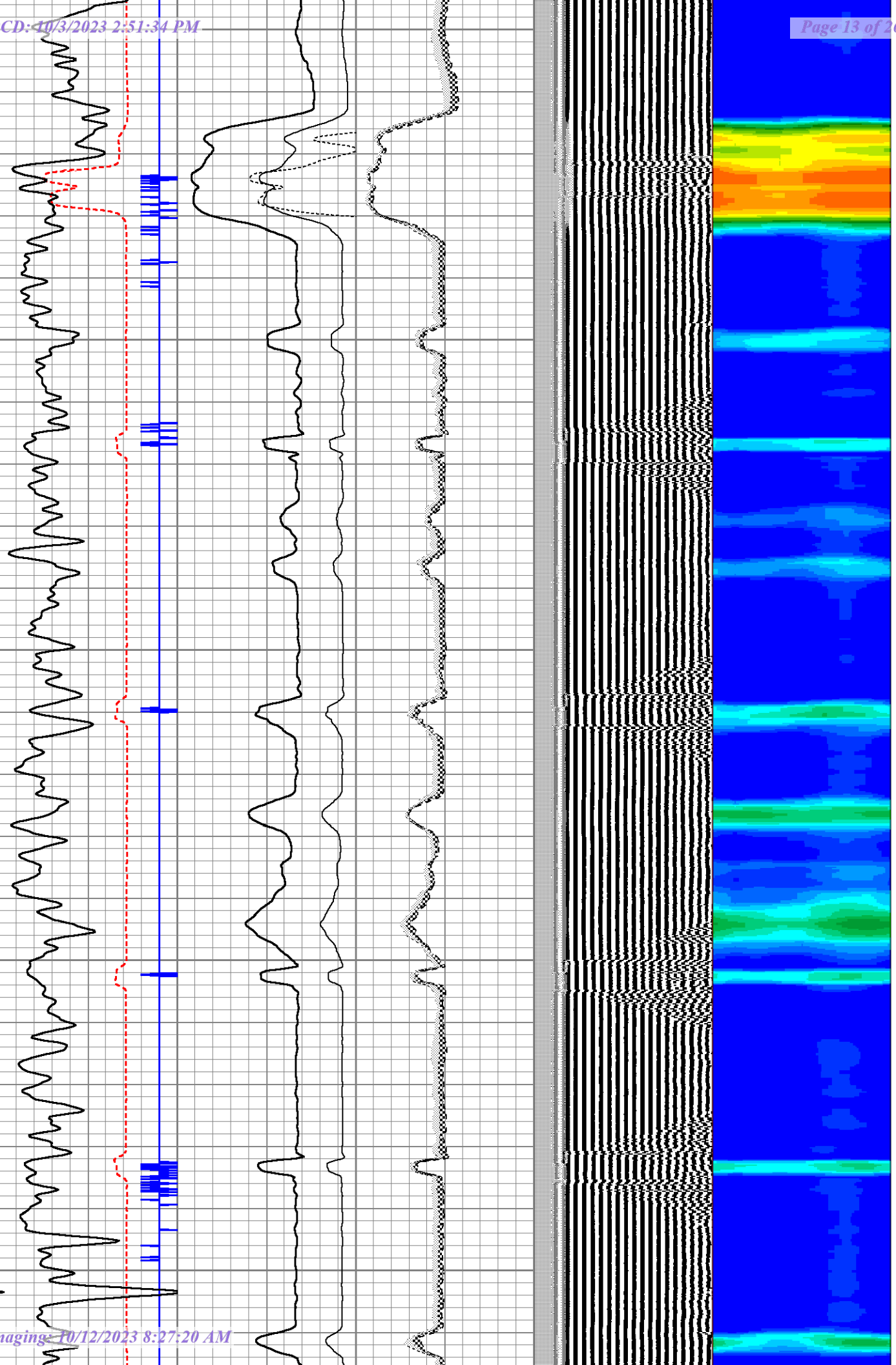
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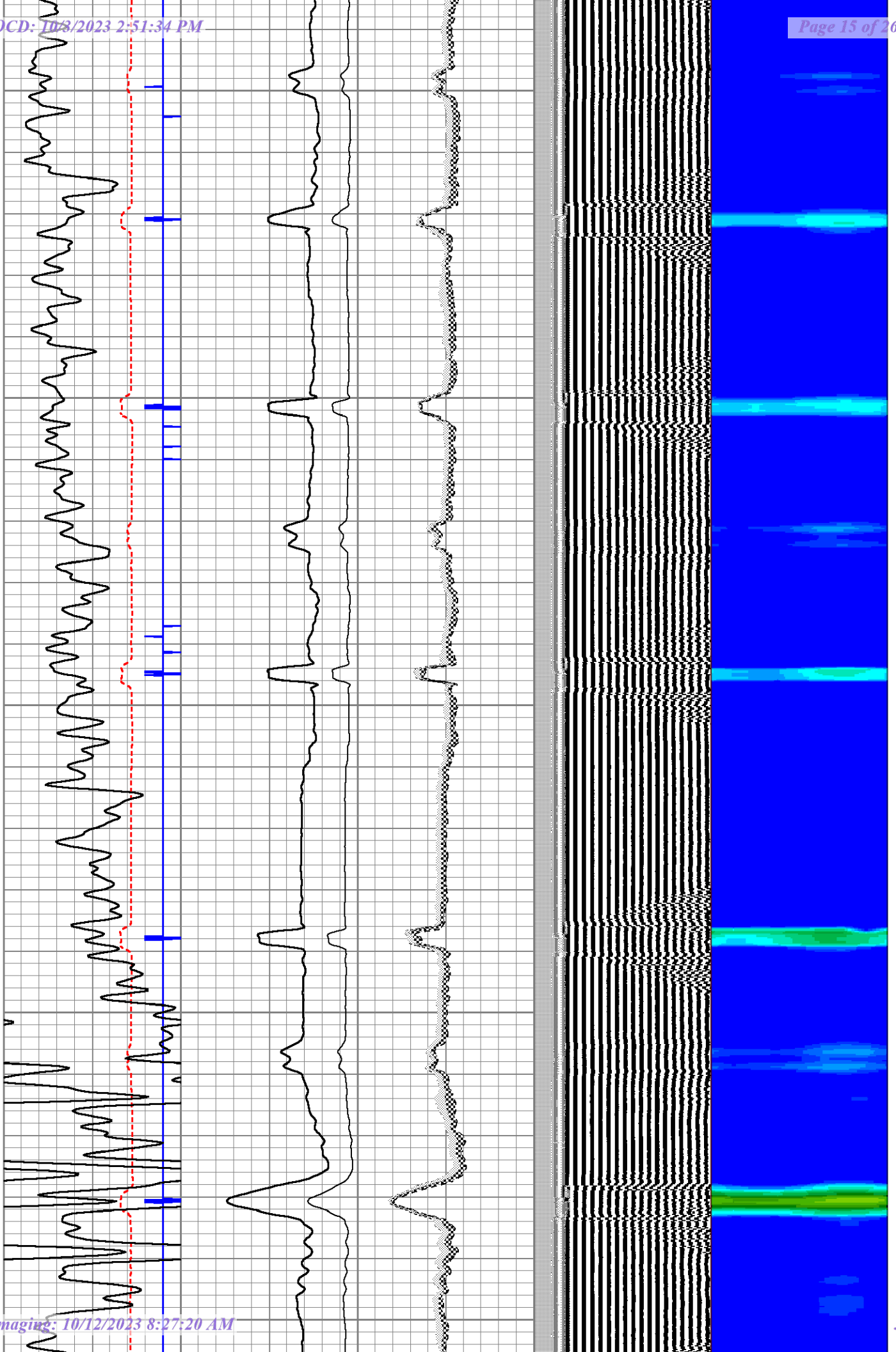
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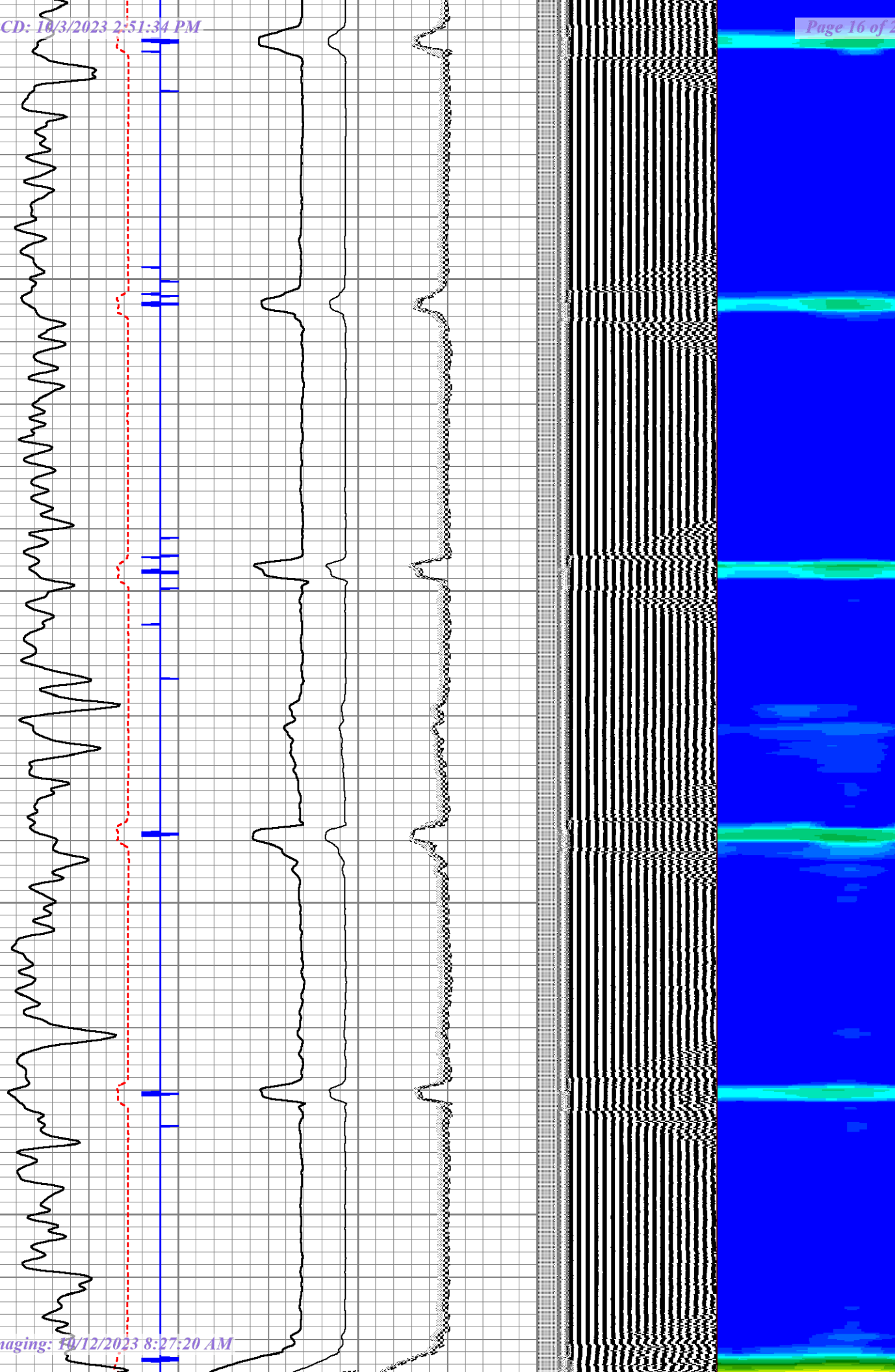
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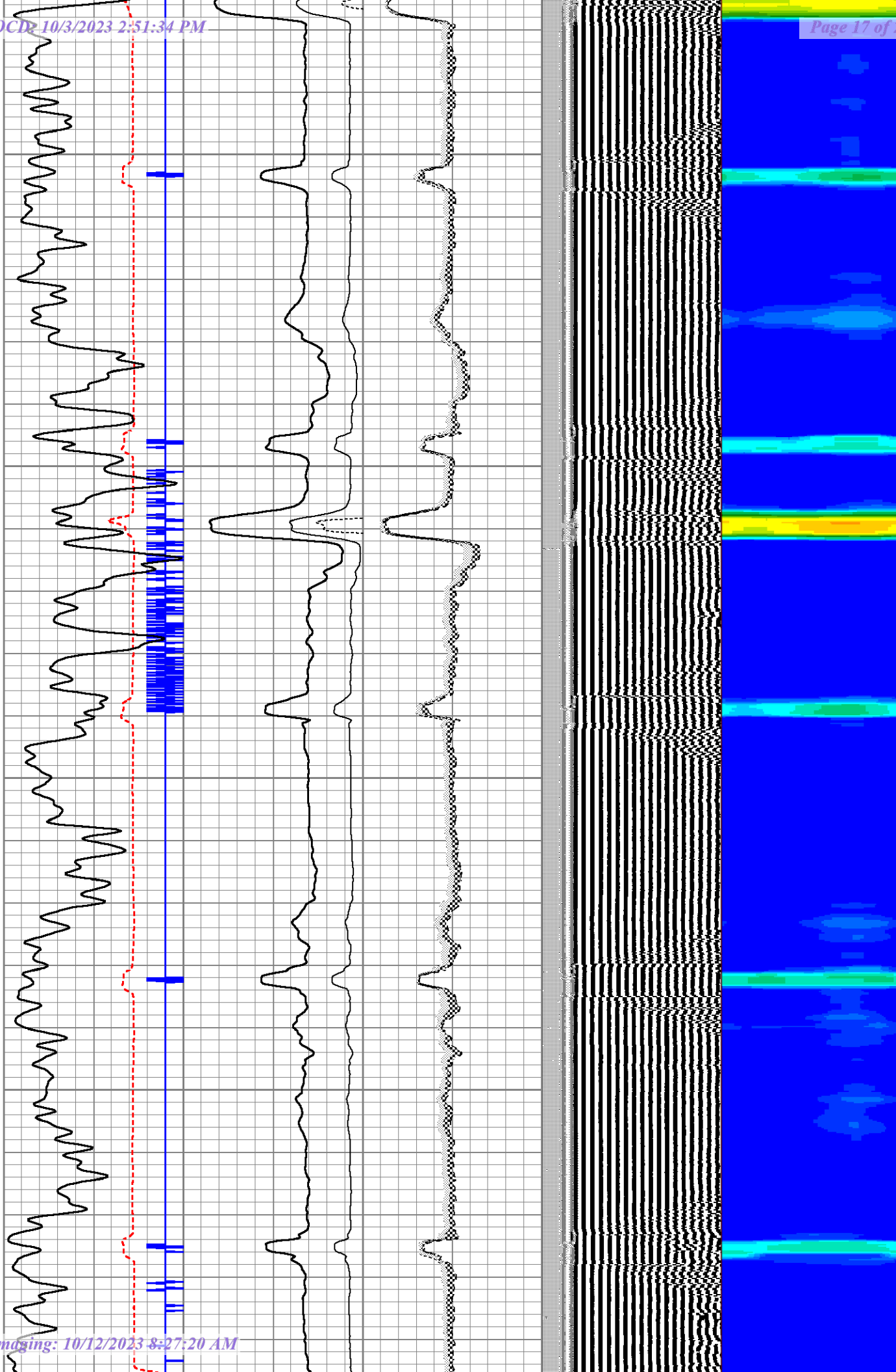
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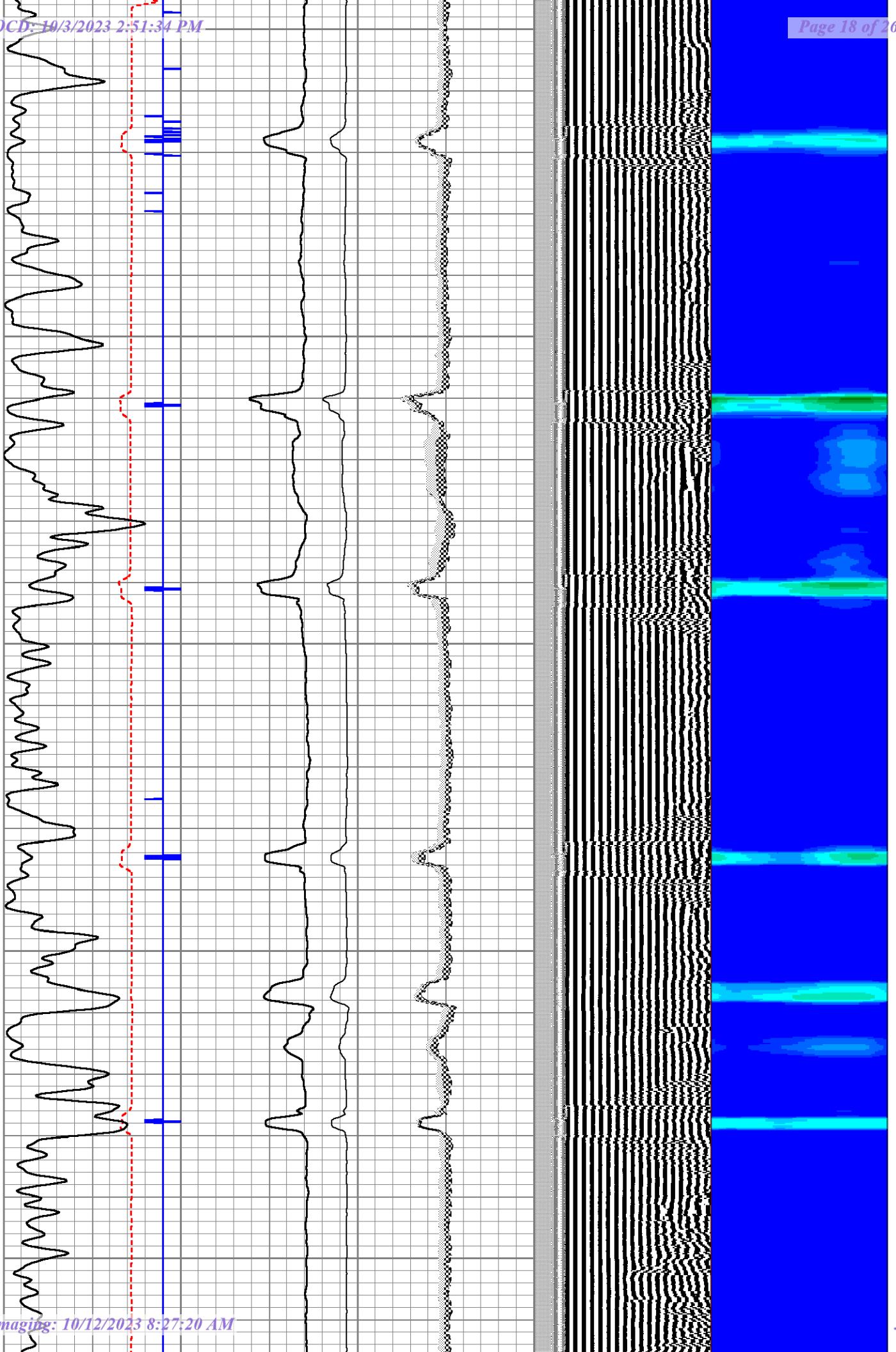
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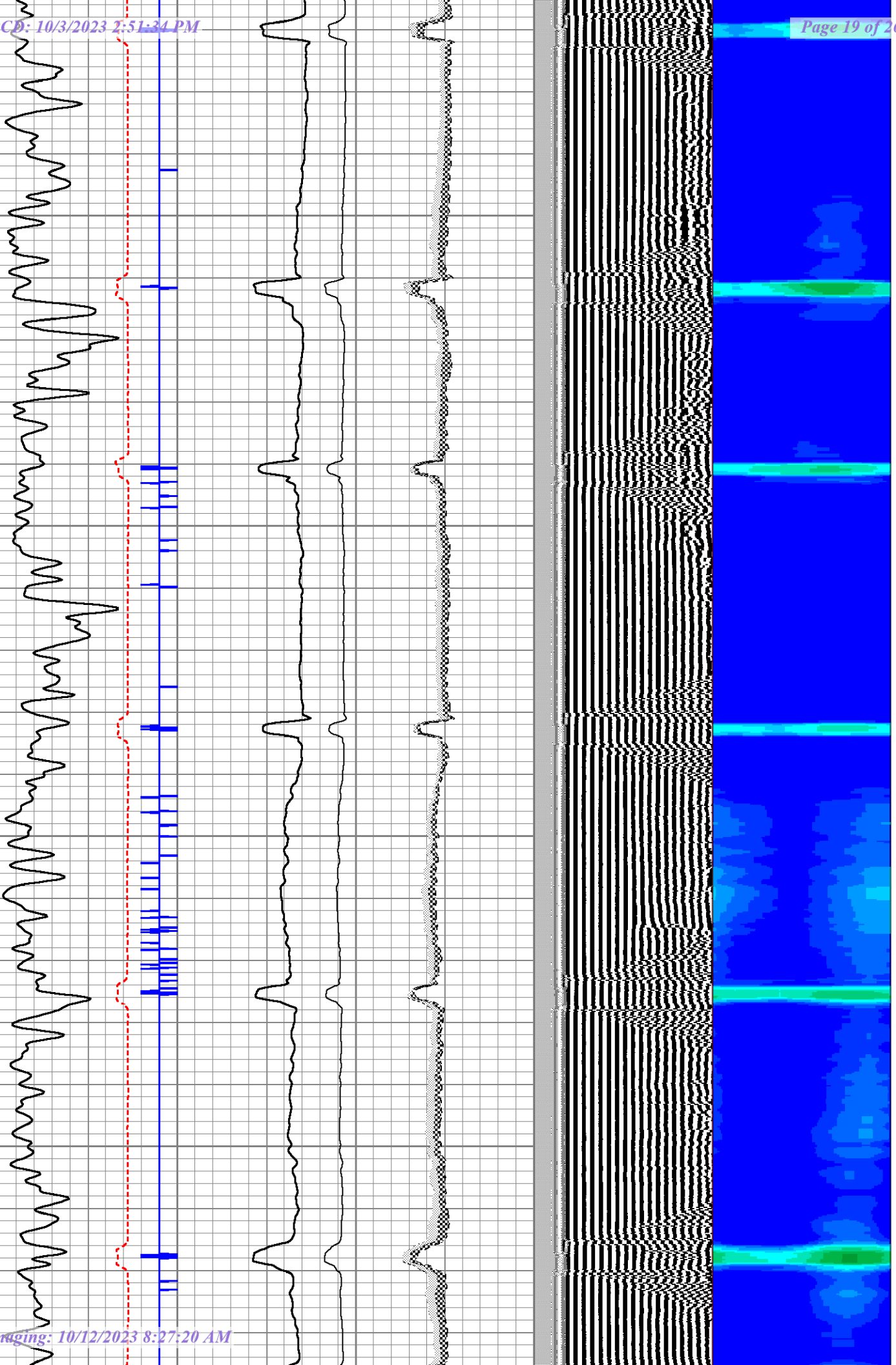
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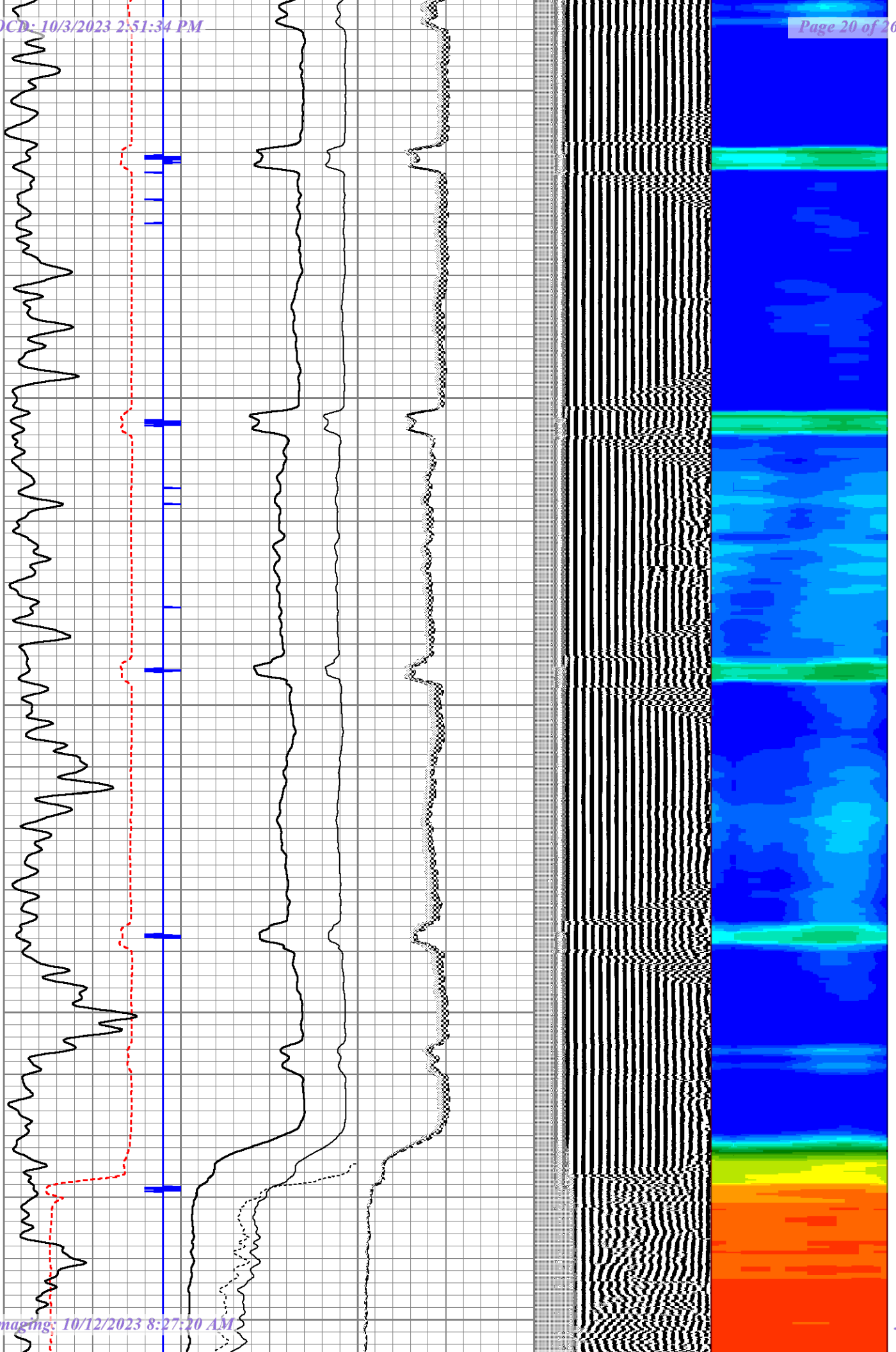
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3500

3600

3700



3800

3900

CCL

TT

GR

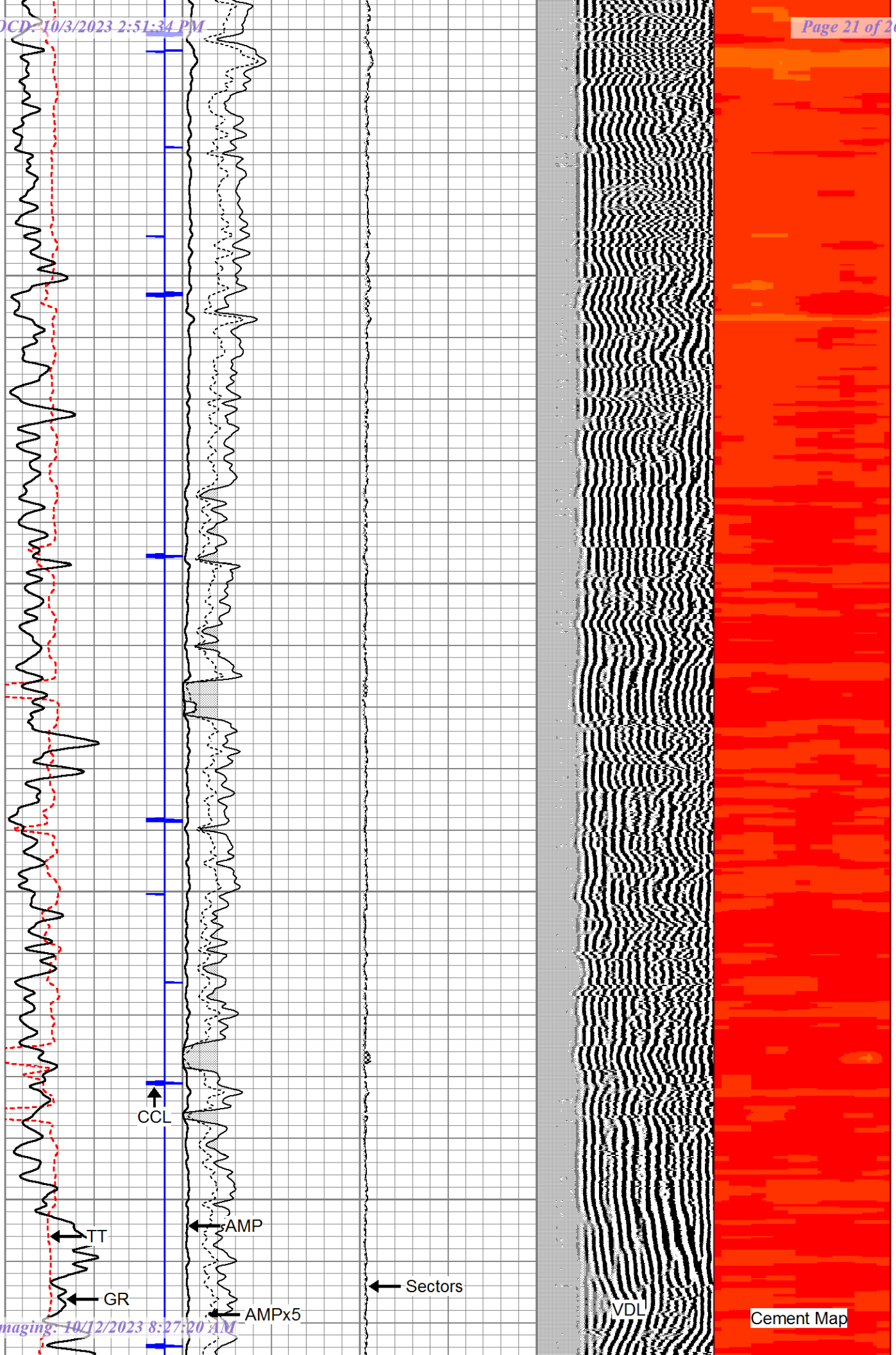
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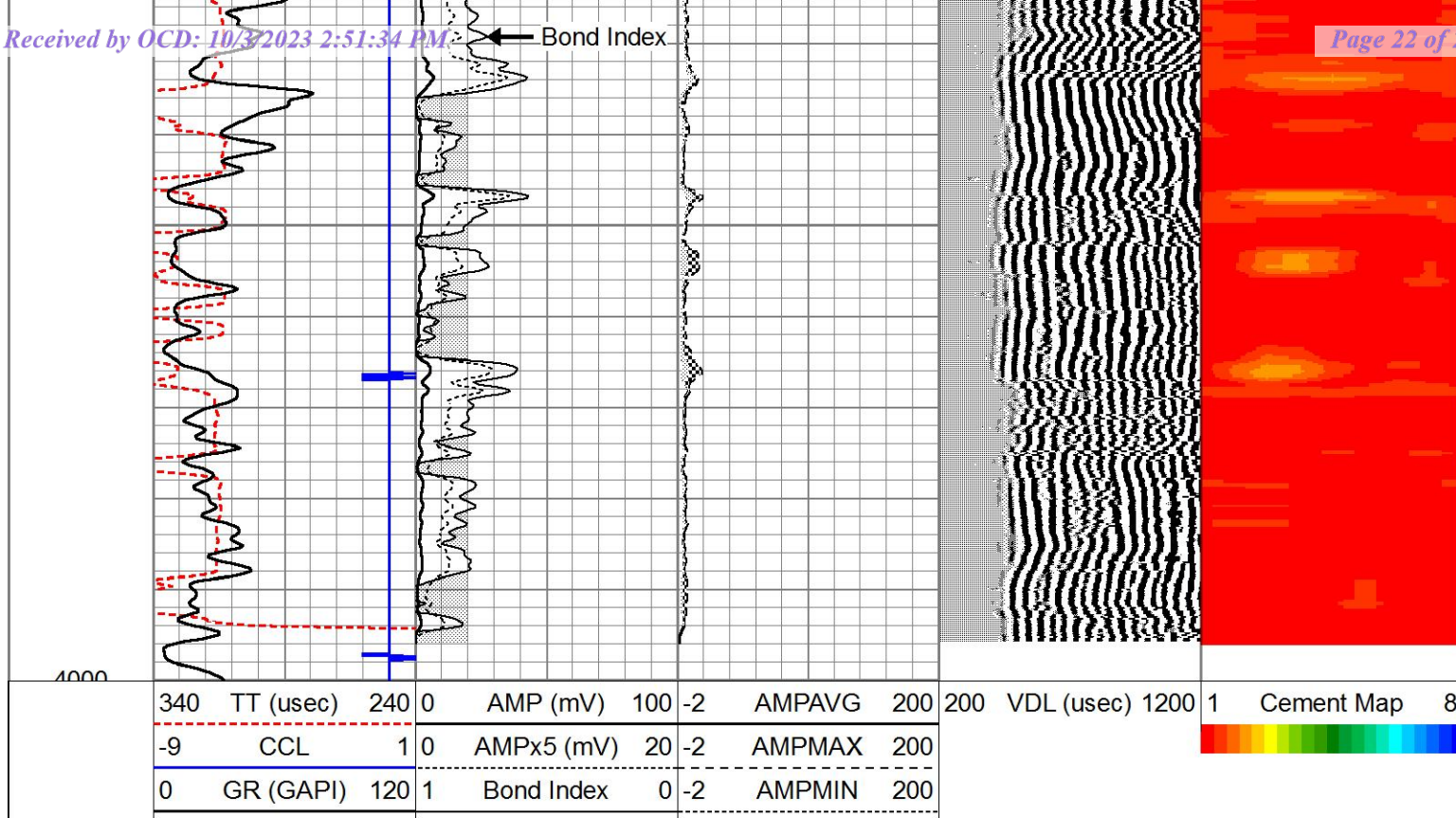
AMPx5

Sectors

VDL

Cement Map

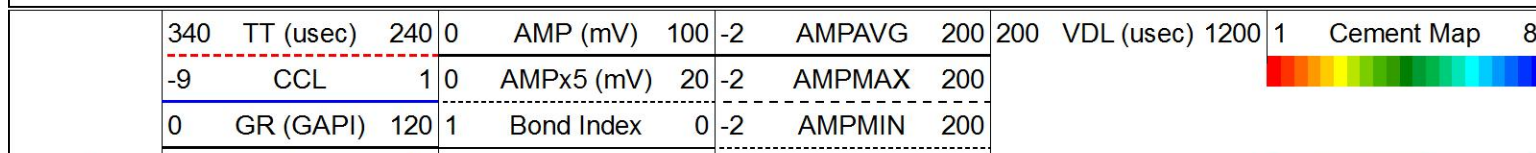


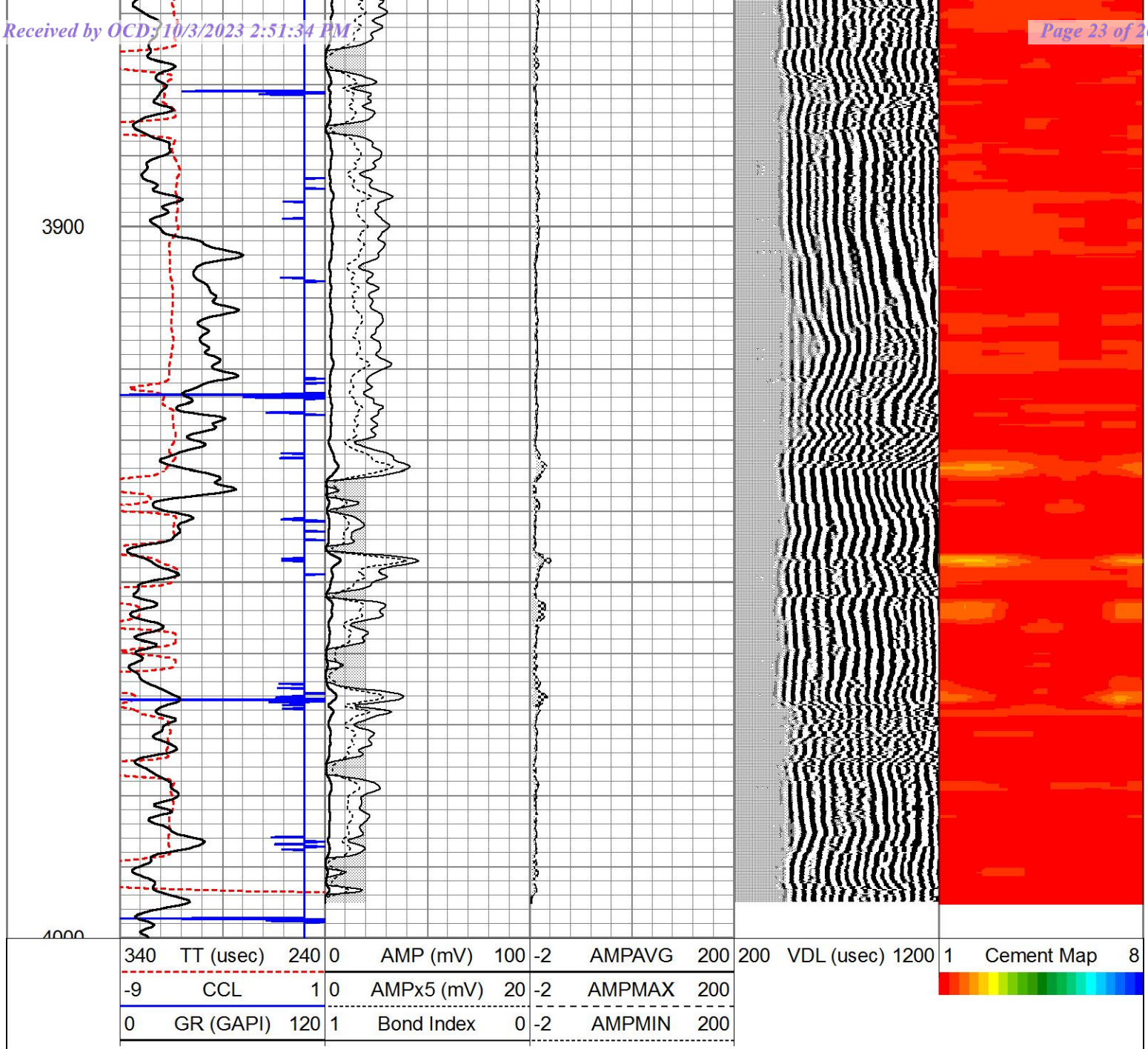


Repeat Pass

Zero PSI

Database File 230926_eog_union_2.db
 Dataset Pathname pass3
 Presentation Format scbl02
 Dataset Creation Tue Sep 26 15:20:17 2023
 Charted by Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STNDRD Standard Cable Head	1.00	1.69	10.00
			CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00

Received by OCD: 10/3/2023 2:51:34 PM			Page 24 of			
WVFS8	11.75		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFS7	11.75					
WVFS6	11.75					
WVFS5	11.75					
WVFS4	11.75					
WVFS3	11.75					
WVFS2	11.75					
WVFS1	11.75					
WVFCAL	11.75					
WVF3FT	11.75					
WVF5FT	10.67					
HEADVOLT	7.42					
			CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00
CCL	3.64					
			GR-Probe (275) Probe 2.75" 4 Channel Pulse	4.58	2.75	30.00
GR	0.90					
Dataset: 230926_eog_union_2.db: field/well/run1/pass4						
Total length: 20.17 ft						
Total weight: 178.00 lb						
O.D.: 2.75 in						



Company EOG Resources
 Well Union #2
 Field -
 County Lea
 State New Mexico

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 271989

COMMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 271989
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	10/12/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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CONDITIONS

Created By	Condition	Condition Date
kfortner	Need C103Q and marker photo to release	10/11/2023