

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Form C-103 August 1, 2011 Permit 378791 WELL API NUMBER 30-015-54389 5. Indicate Type of Lease Private 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name BAFFIN																																																																
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		8. Well Number 010H																																																																
2. Name of Operator RILEY PERMIAN OPERATING COMPANY, LLC		9. OGRID Number 372290																																																																
3. Address of Operator 29 E Reno Avenue Suite 500, Oklahoma City, OK 73104		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>I</u> : <u>2405</u> feet from the <u>S</u> line and feet <u>660</u> from the <u>E</u> line Section <u>13</u> Township <u>18S</u> Range <u>26E</u> NMPM County <u>Eddy</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3293 GR																																																																		
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																																																		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width: 100%;"> <tr> <td colspan="2"> NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____ </td> <td> SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: <u>Drilling/Cement</u> ☒ </td> </tr> </table>			NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: <u>Drilling/Cement</u> ☒																																																													
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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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. RUN & CEMENT PRODUCTION CASING. Additional Notes: RUN PRODUCTION CSG APPROX 13:00 HRS 12/2/2024. CEMENT APPROX 01:00 HRS 12/3/2024 See Attached 11/27/2024 Spudded well.																																																																		
Casing and Cement Program <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>11/28/24</td> <td>Surf</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>1259</td> <td>450</td> <td>1.41</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>12/02/24</td> <td>Prod</td> <td>Mud</td> <td>8.5</td> <td>5.5</td> <td>20</td> <td>L80</td> <td>0</td> <td>8657</td> <td>1565</td> <td>1.29</td> <td>C</td> <td></td> <td>1100</td> <td>0</td> <td>N</td> </tr> <tr> <td>12/02/24</td> <td>Prod</td> <td>Mud</td> <td>8.75</td> <td>7</td> <td>32</td> <td>L80</td> <td>0</td> <td>3325</td> <td>200</td> <td>2.3</td> <td>C</td> <td></td> <td>1000</td> <td>0</td> <td>N</td> </tr> </tbody> </table>			Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole	11/28/24	Surf	FreshWater	12.25	9.625	36	J55	0	1259	450	1.41	C		1500	0	N	12/02/24	Prod	Mud	8.5	5.5	20	L80	0	8657	1565	1.29	C		1100	0	N	12/02/24	Prod	Mud	8.75	7	32	L80	0	3325	200	2.3	C		1000	0	N
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I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																																		
<table style="width: 100%;"> <tr> <td>SIGNATURE</td> <td><u>Electronically Signed</u></td> <td>TITLE</td> <td><u>EHSR</u></td> <td>DATE</td> <td><u>6/26/2025</u></td> </tr> <tr> <td>Type or print name</td> <td><u>Spence Laird</u></td> <td>E-mail address</td> <td><u>spencelaird@rileypermian.com</u></td> <td>Telephone No.</td> <td><u>405-543-1411</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>EHSR</u>	DATE	<u>6/26/2025</u>	Type or print name	<u>Spence Laird</u>	E-mail address	<u>spencelaird@rileypermian.com</u>	Telephone No.	<u>405-543-1411</u>																																																				
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RADIAL CEMENT BOND GAMMA RAY / CCL LOG

Company RILEY PERMIAN OPERATING CO, LLC
Well BAFFIN 10H
Field RED LAKE; GLORIETA-YESO
County EDDY
State NEW MEXICO

Company RILEY PERMIAN OPERATING CO, LLC
Well BAFFIN 10H
Field RED LAKE; GLORIETA-YESO
County EDDY State NEW MEXICO

Location: API # : 30-015-54389
2405' FSL 660' FEL
I-13-18S-26E
NMP SURVEY
Permanent Datum GROUND LEVEL Elevation 3293'
Log Measured From 20' ABOVE PERM DATUM
Drilling Measured From KELLY BUSHING
Other Services
NONE
Elevation
K.B. 3313'
D.F. 3312'
G.L. 3293'

Date 19-DEC-2024

Run Number	ONE
Depth Driller	NA
Depth Logger	3300'
Bottom Logged Interval	3295'
Top Log Interval	SURFACE
Open Hole Size	NA
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	SEE LOG
Time Well Ready	14:20
Time Logger on Bottom	17:50
Equipment Number	200133
Location	ODESSA, TX
Recorded By	B. VINCENT
Witnessed By	K. HULEN

Borehole Record		Tubing Record				
Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36#	SURFACE	2020'
Production String	7"	32#	SURFACE	3325'
Line	5.5"	20#	3325'	8672'

<<< 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

CORRELATED TO THE MARKER JOINT @ 2212 FT

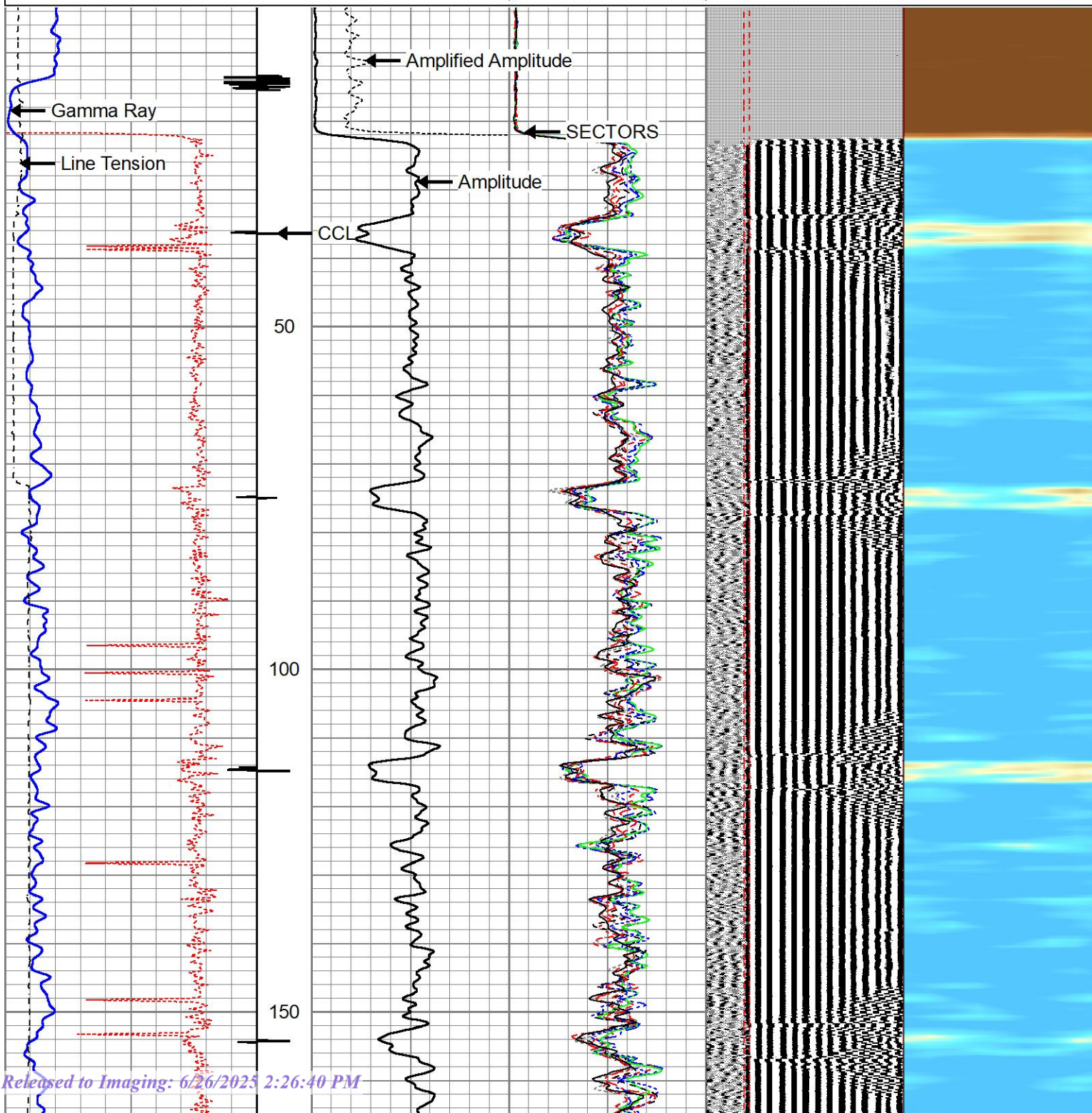
CORRECTED +2 FEET

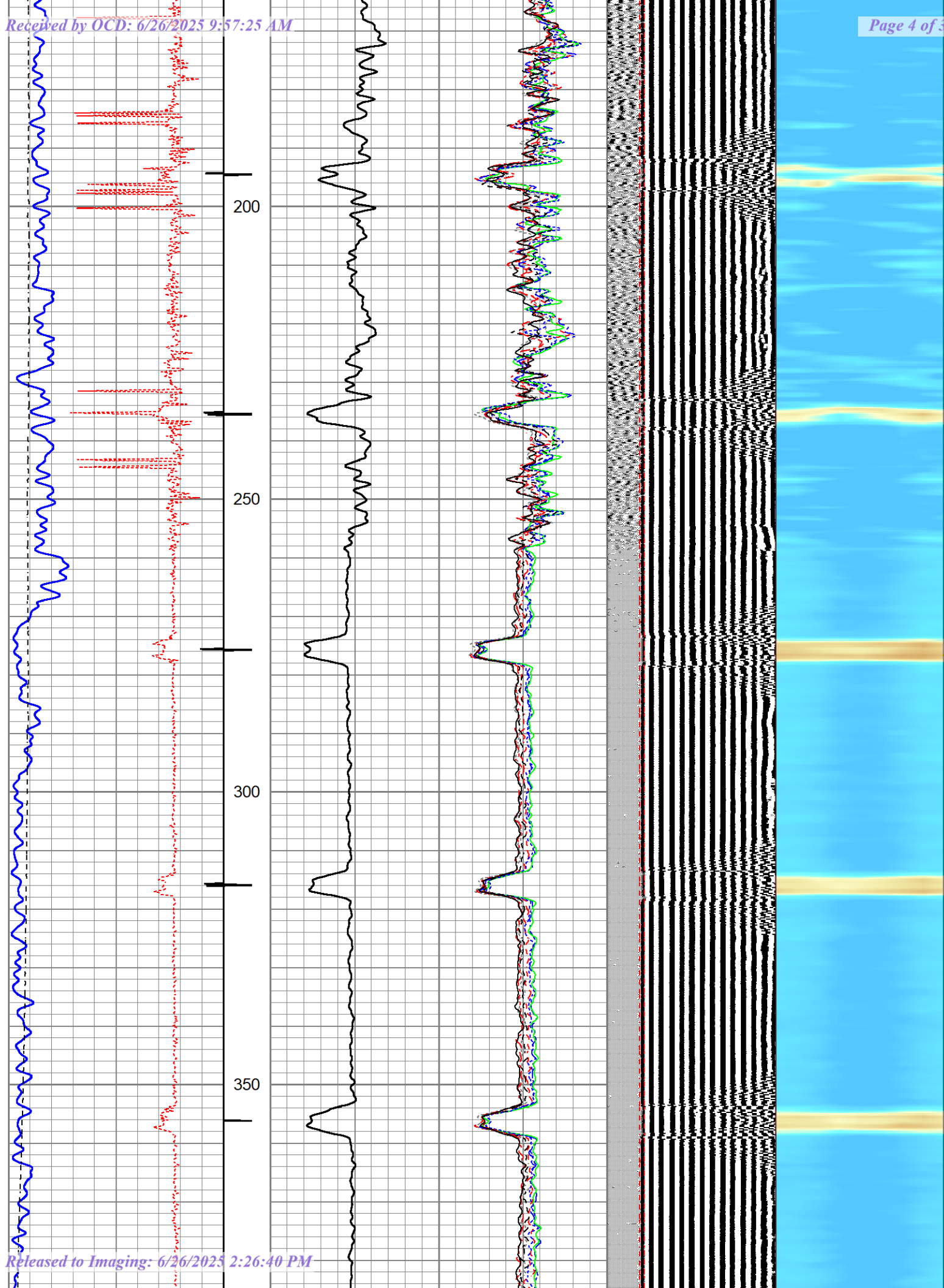
THANK YOU FOR CHOOSING NEXTIER OILFIELD SOLUTIONS

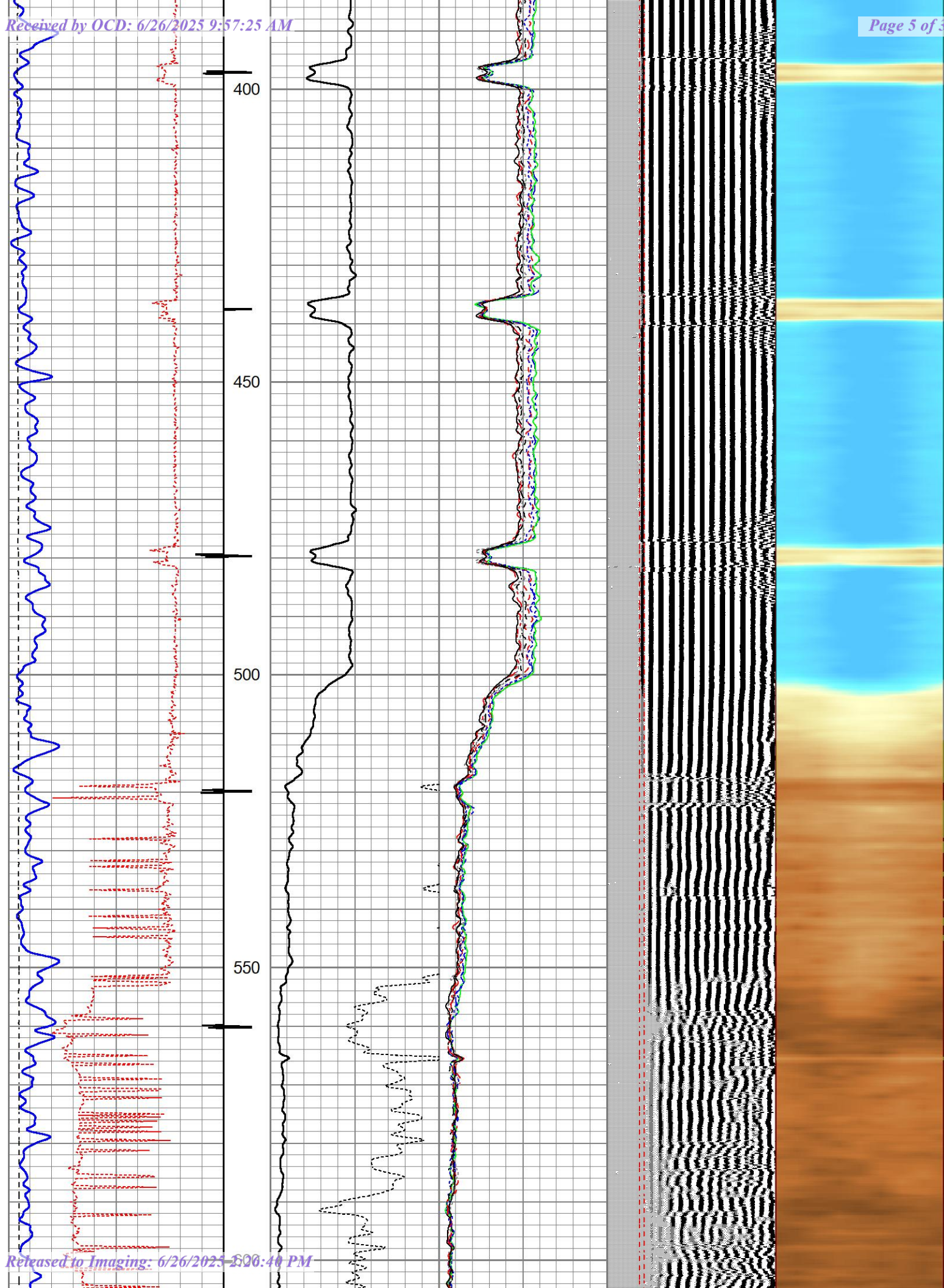


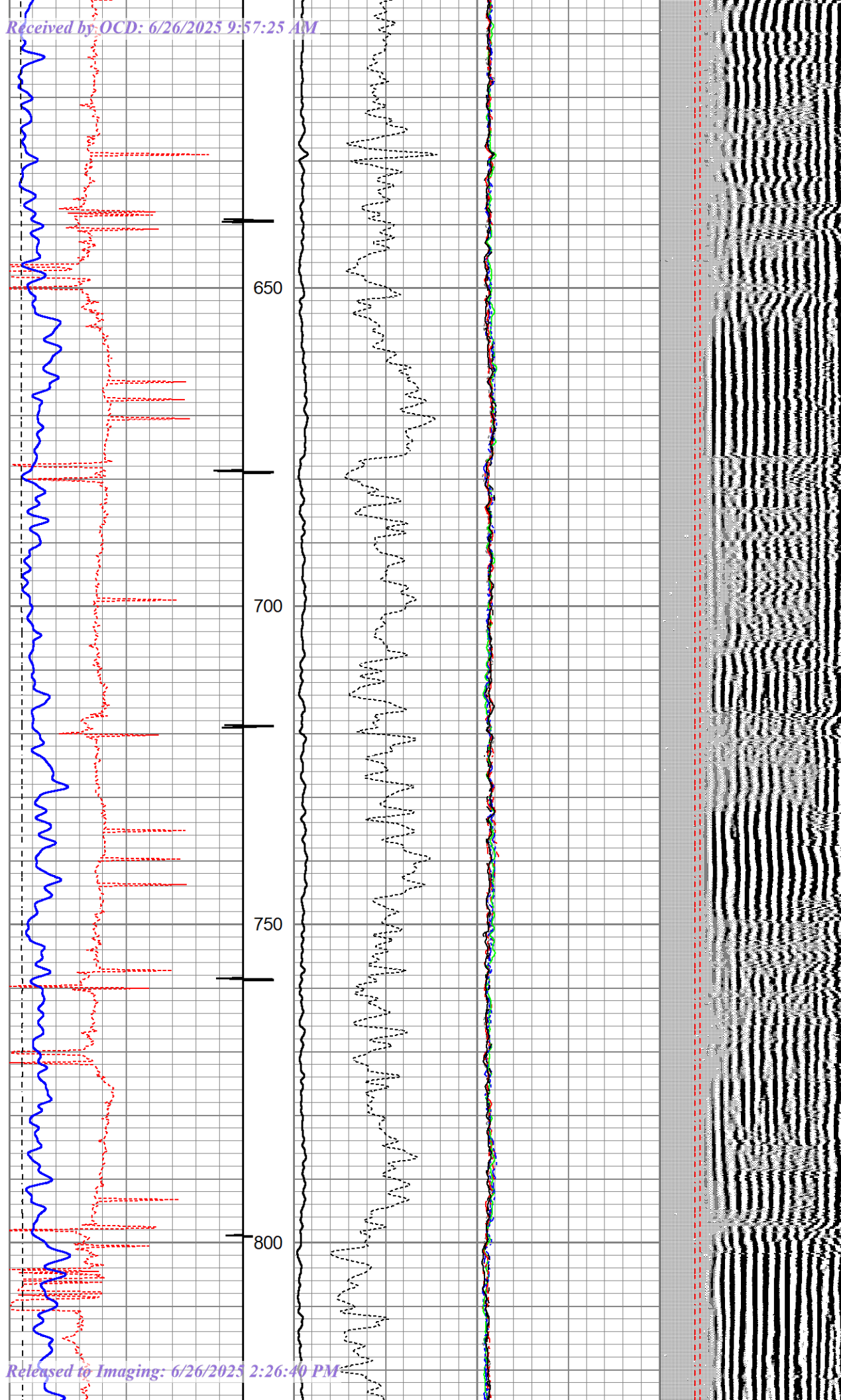
MAIN SECTION "1000 PSI"

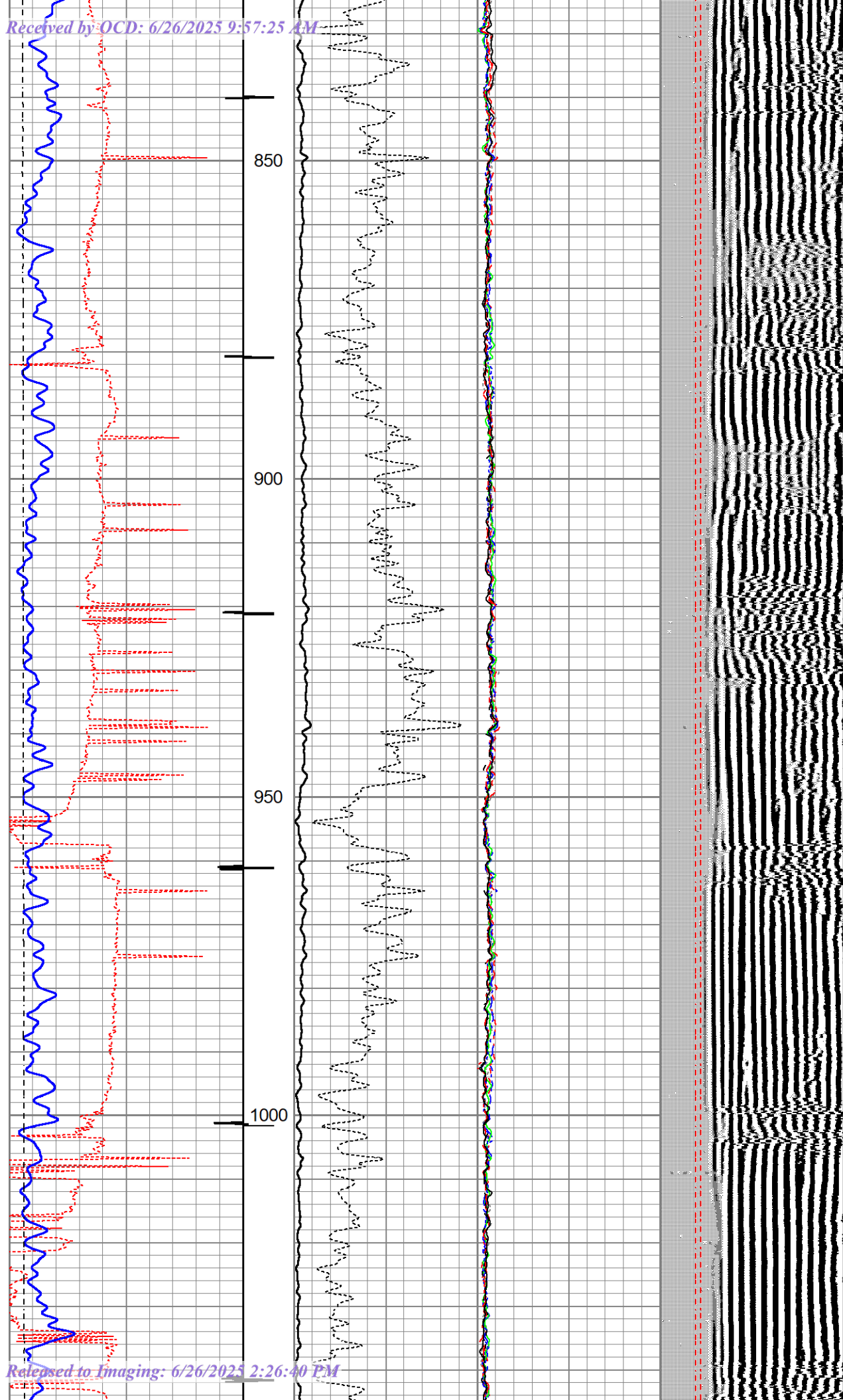
380	Travel Time (usec)	260	0	Amplitude (mV)	100	-5	AMPS8	150	200	VDL (usec)	1200	Cement Map
0	Gamma Ray (GAPI)	150		Amplified Amplitude		-5	AMPS7	150				
0	Line Tension (lb)	4000	0	(mV)	10	-5	AMPS6	150				
						-5	AMPS5	150				
						-5	AMPS4	150				
						-5	AMPS3	150				
						-5	AMPS2	150				
						-5	AMPS1	150				

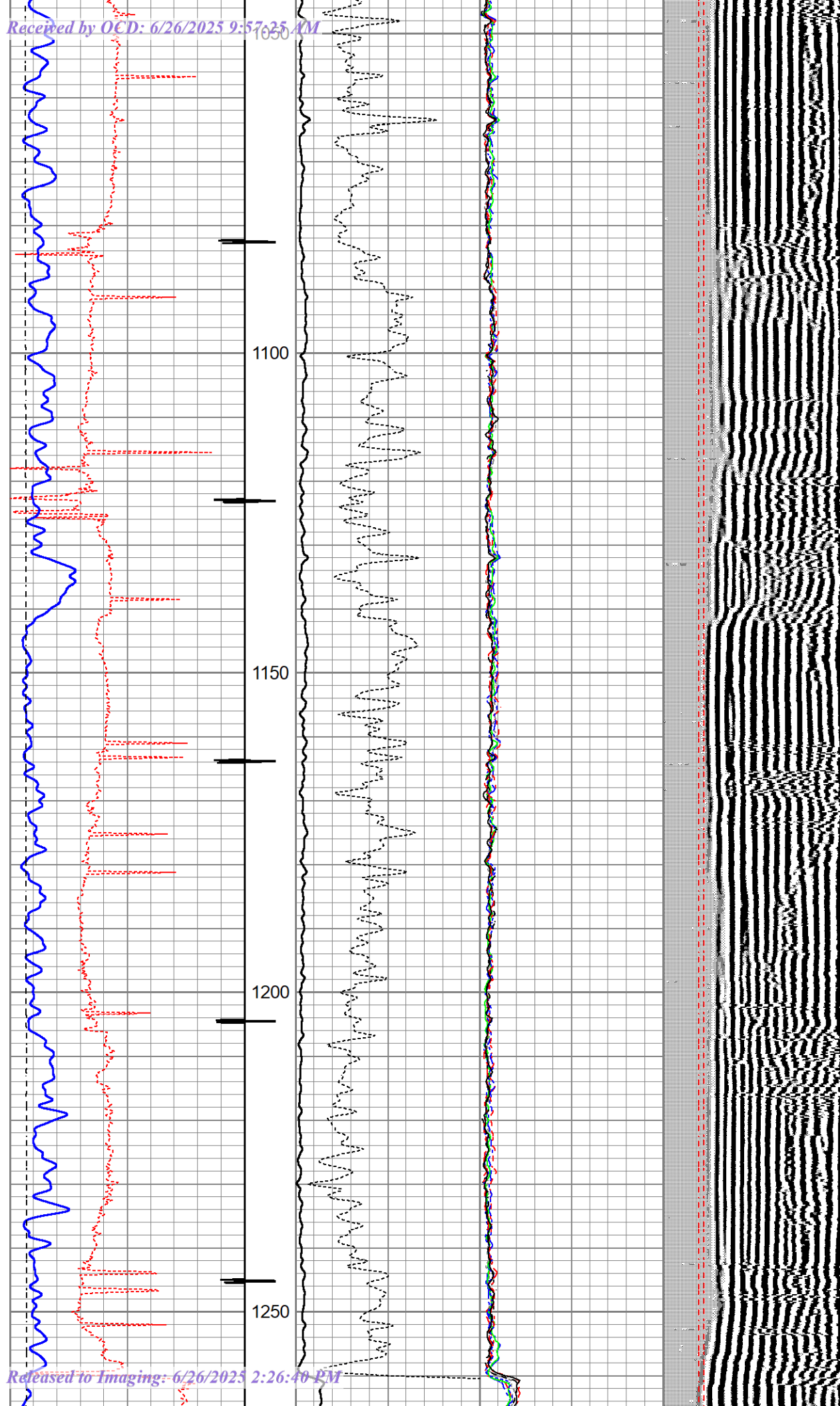


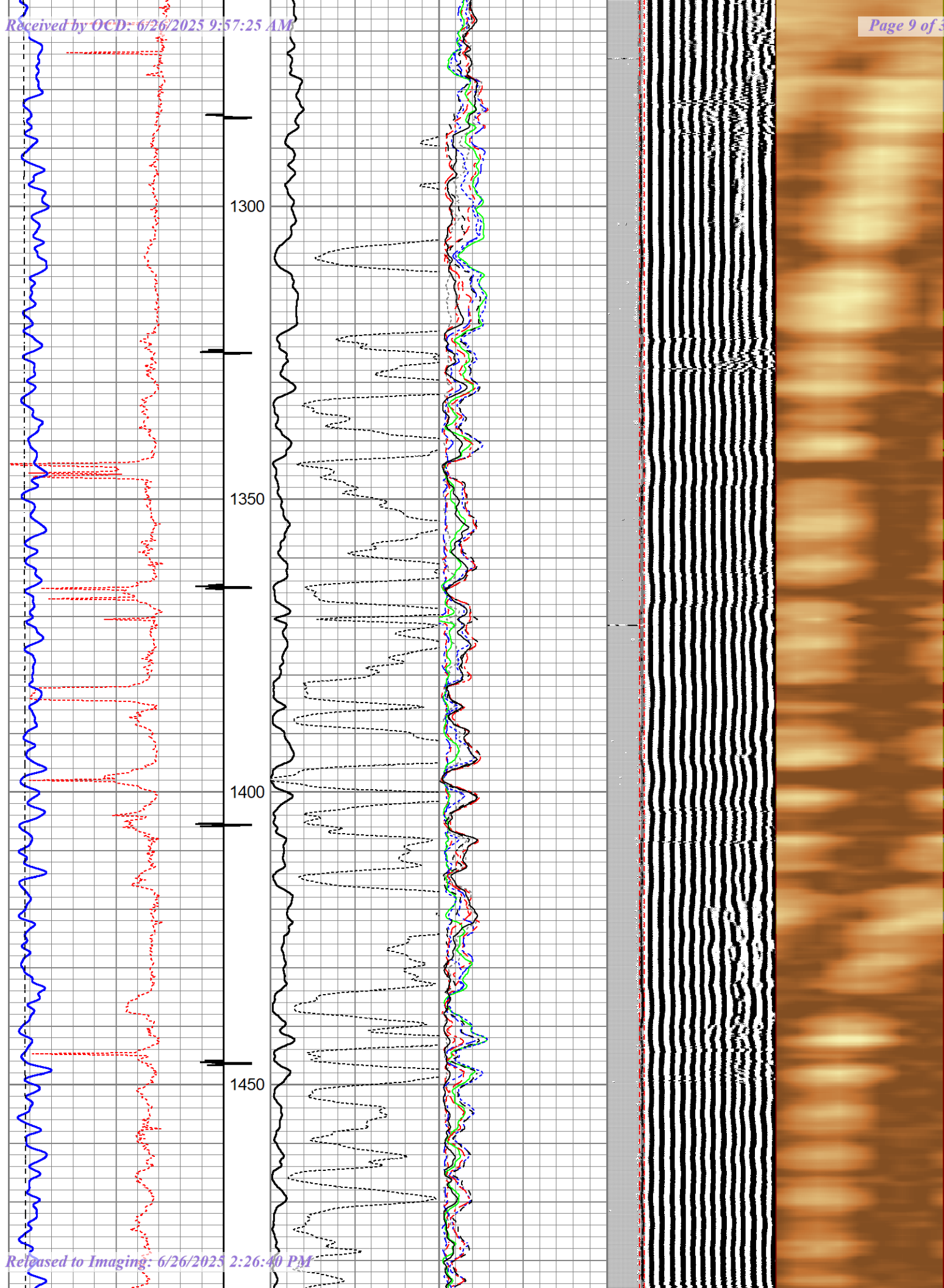


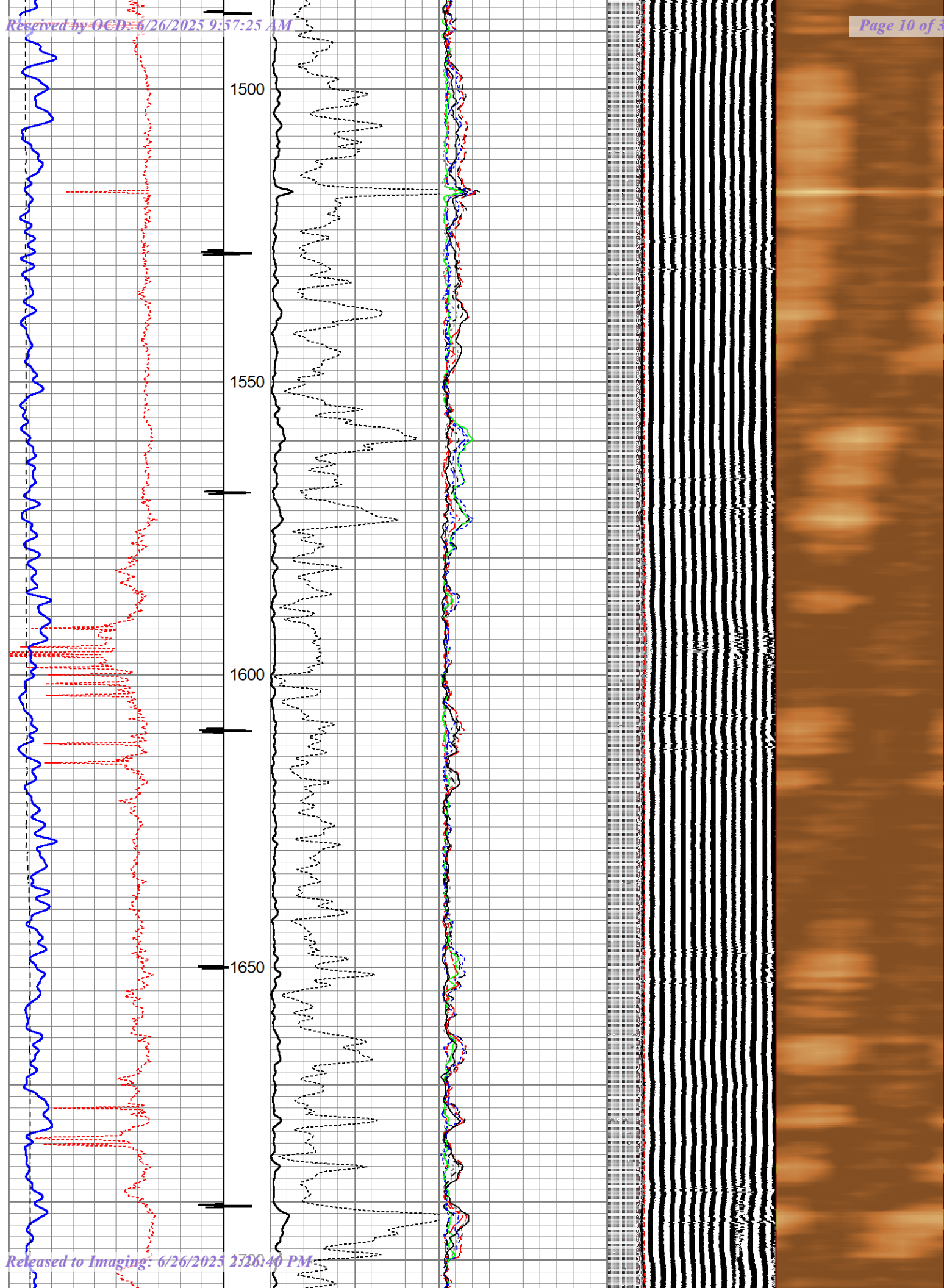


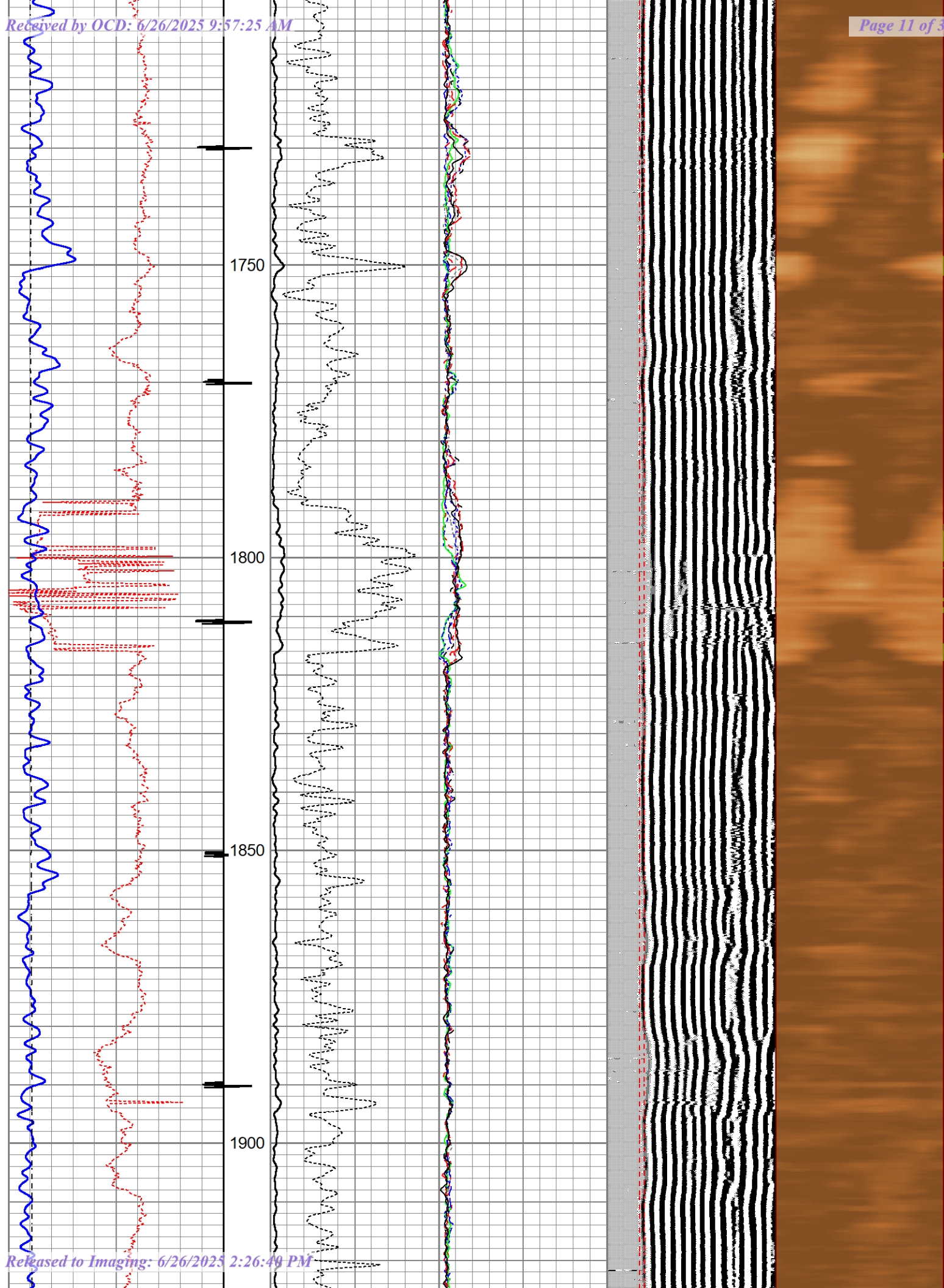


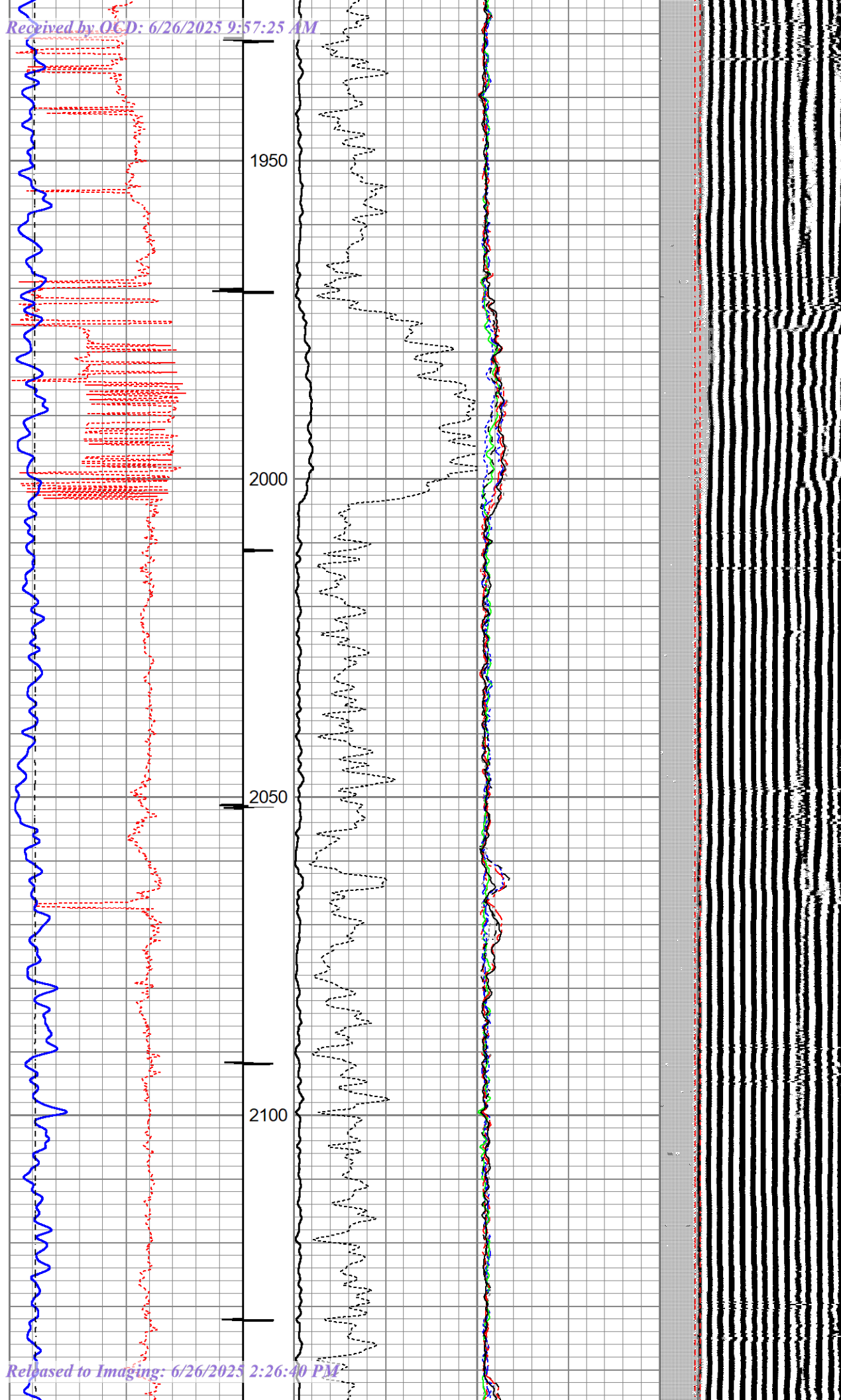


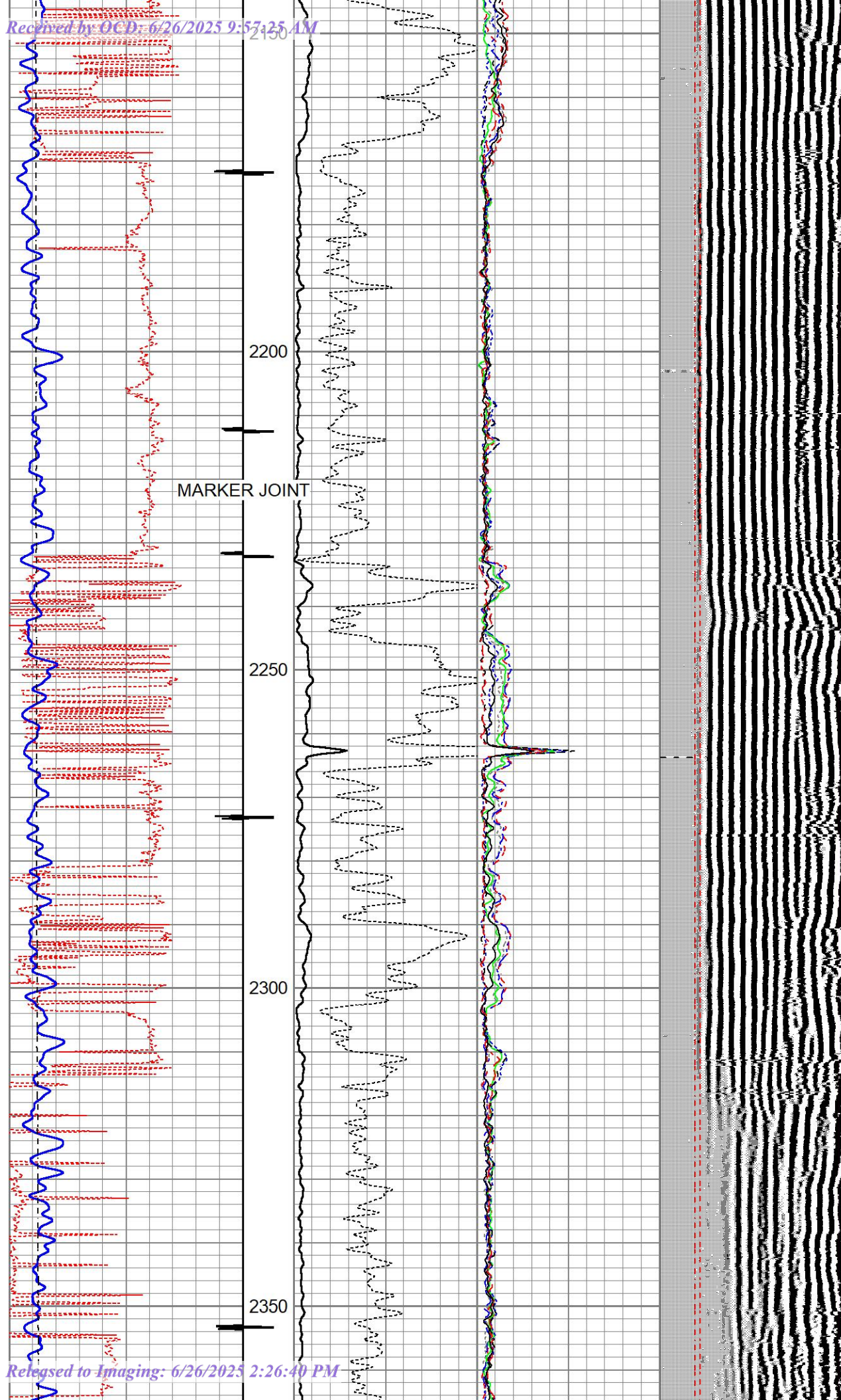


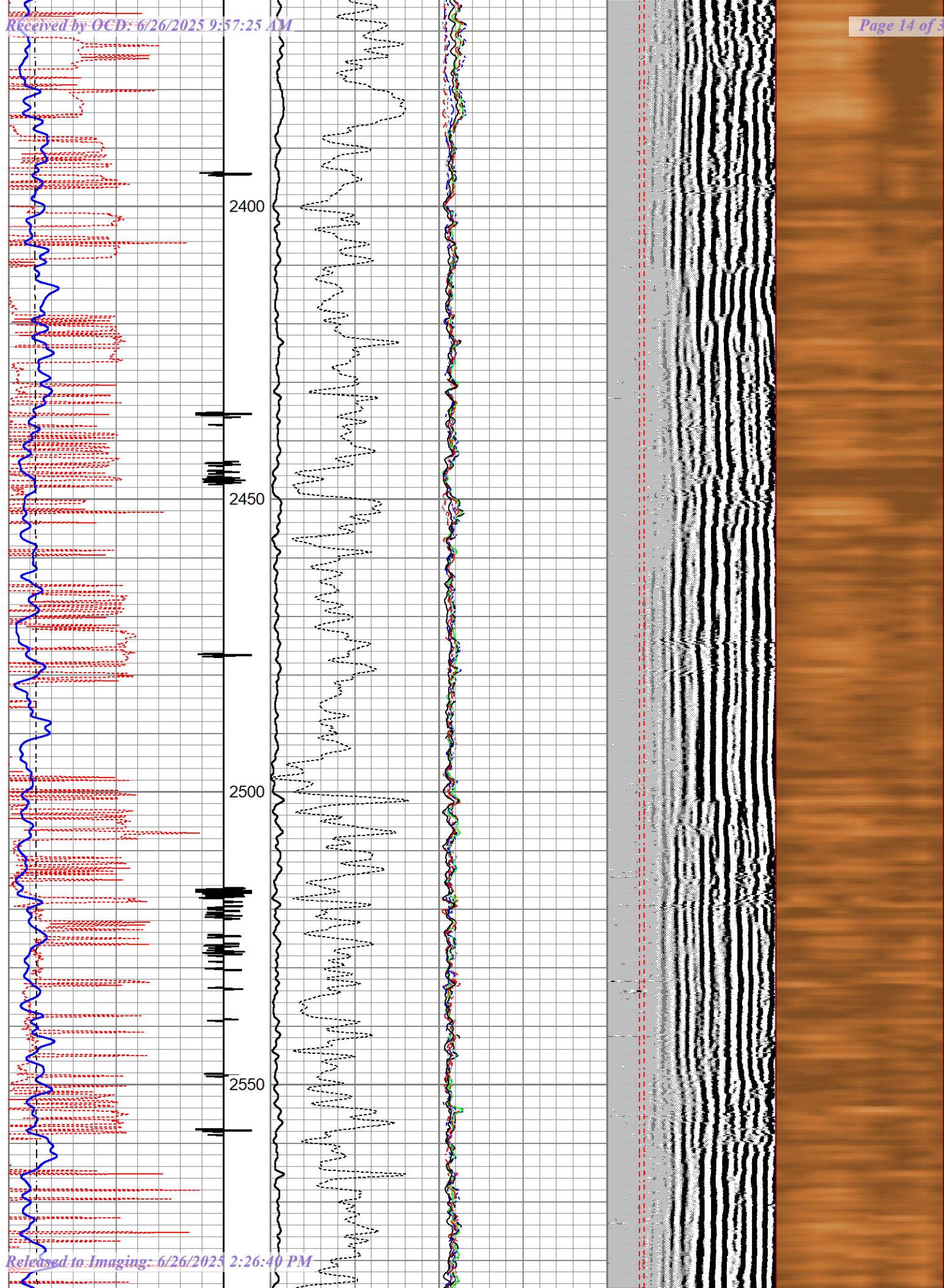


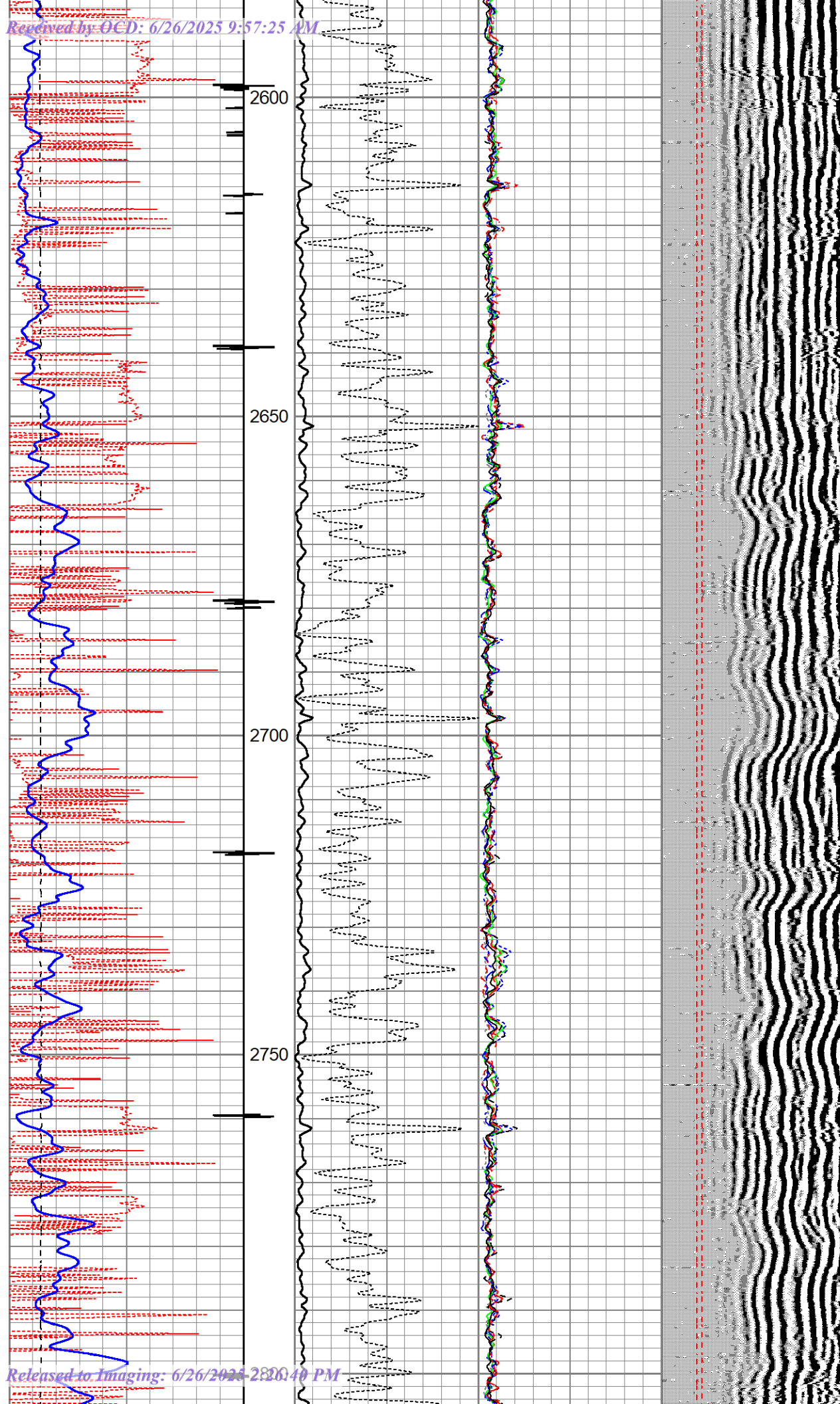


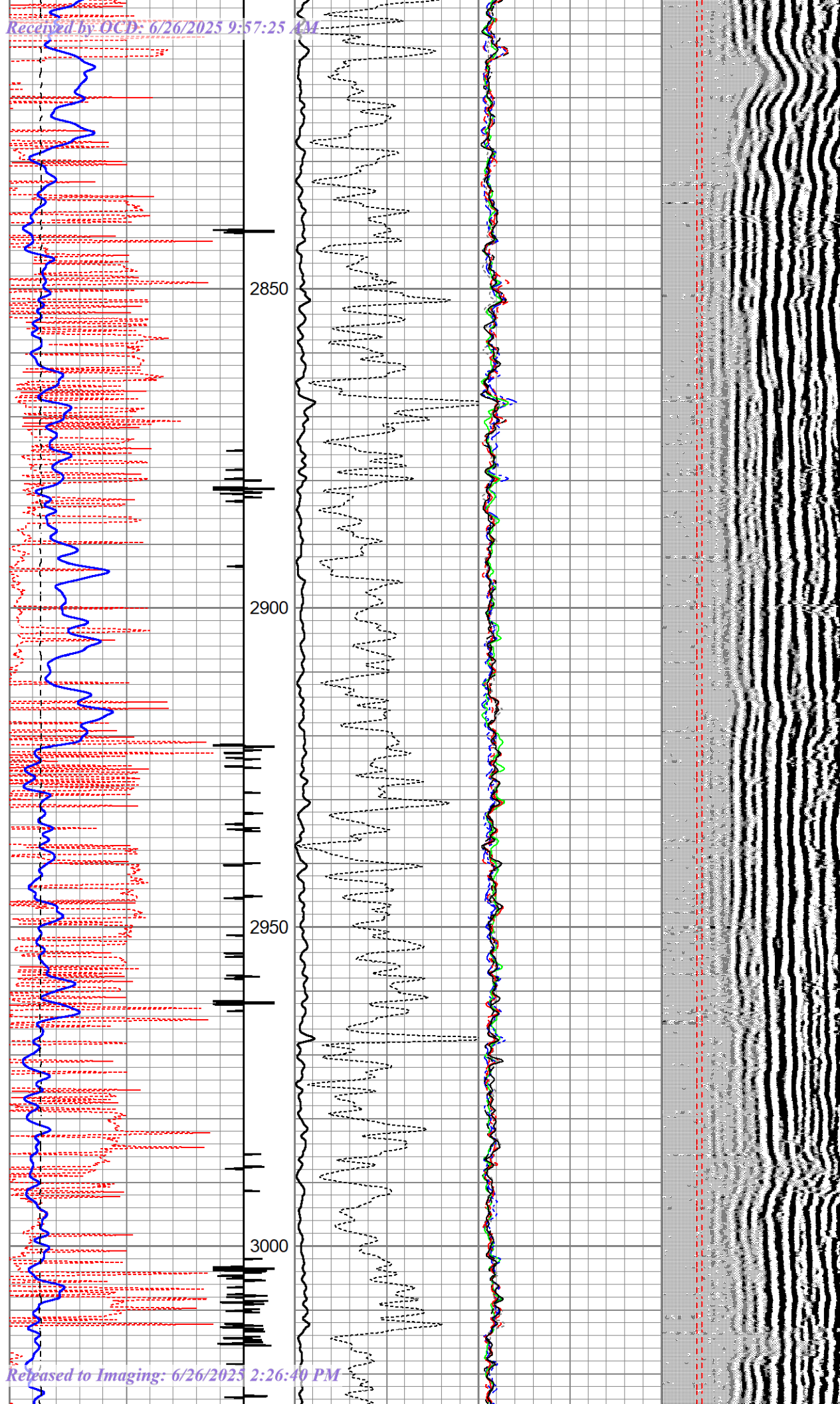


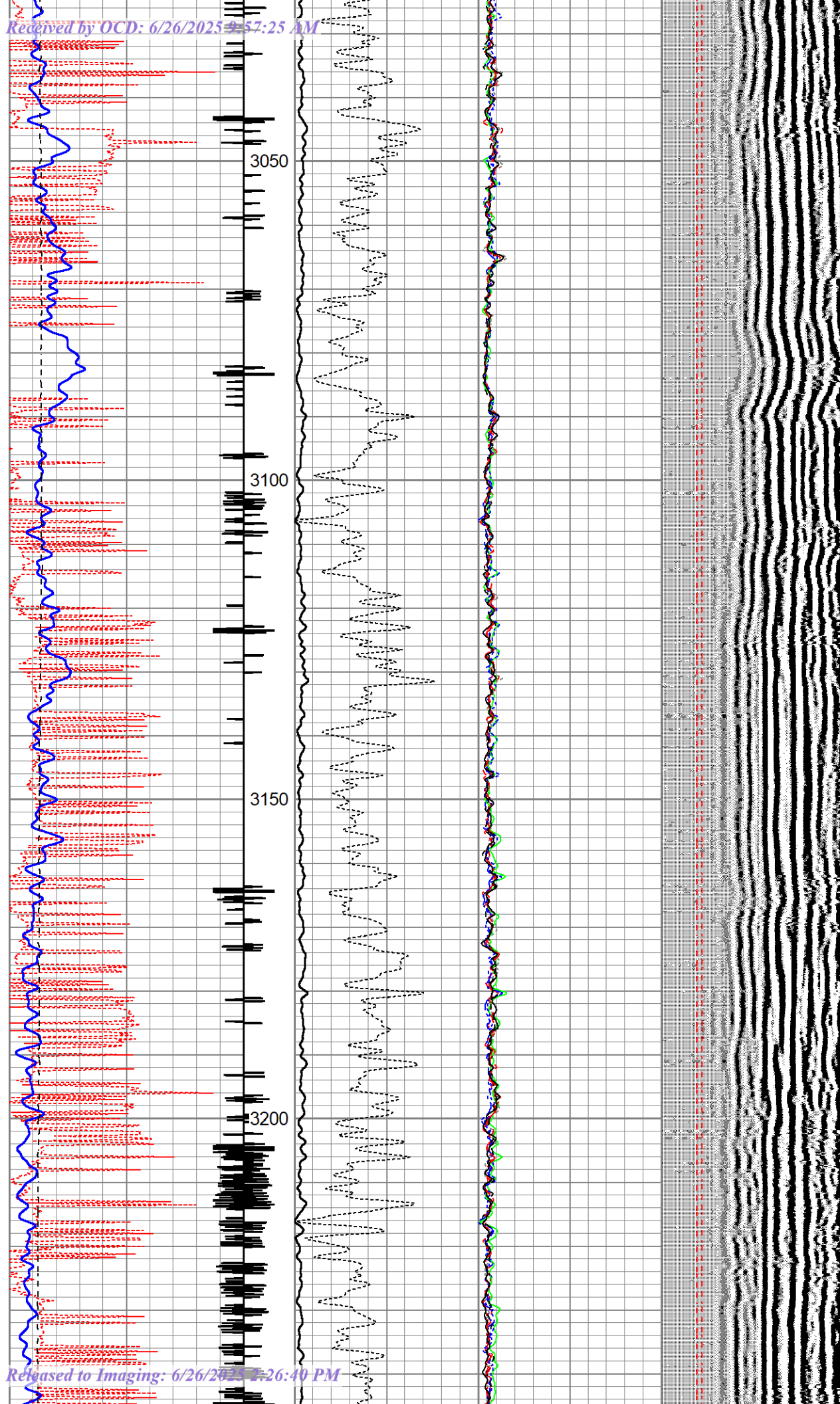


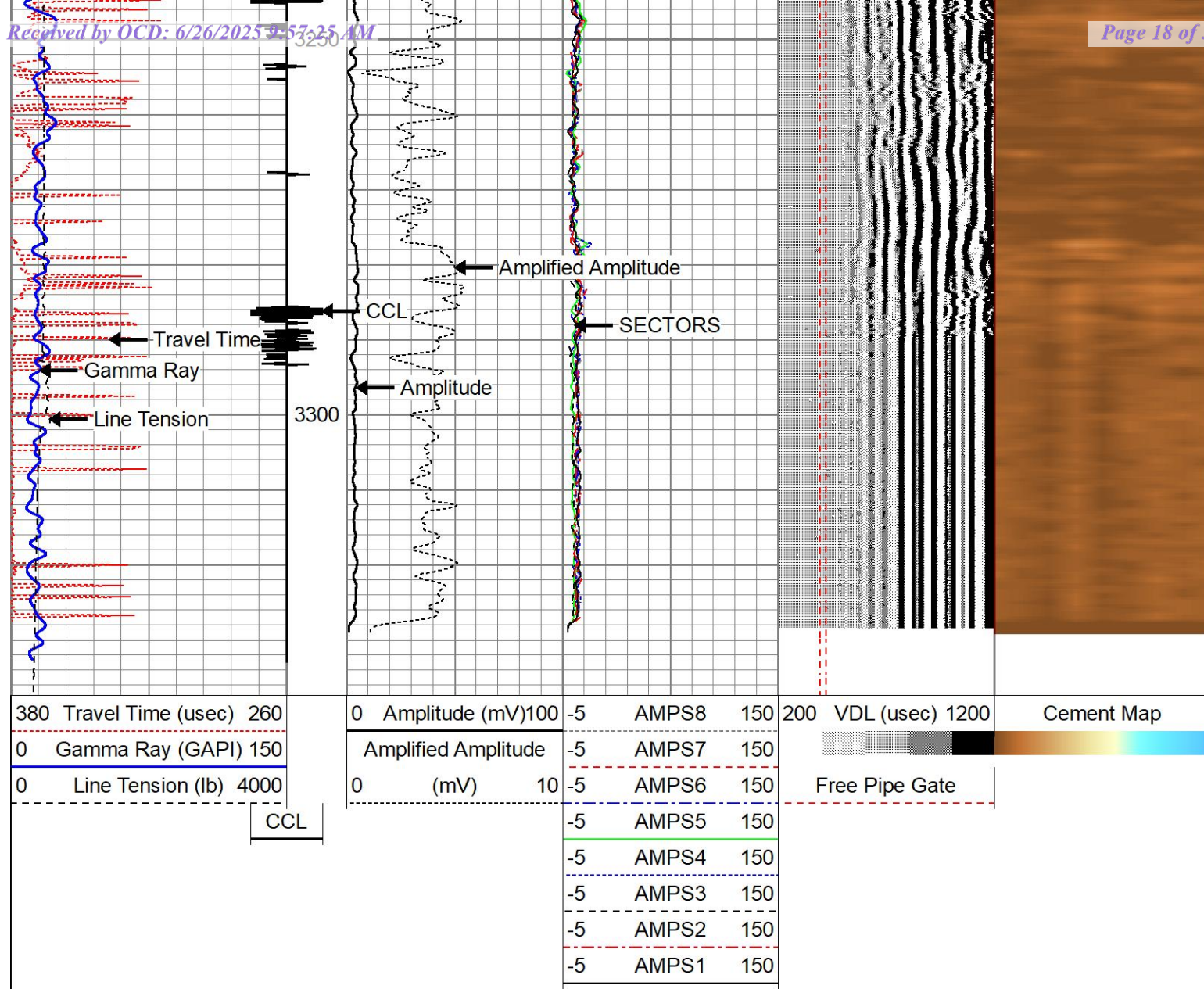










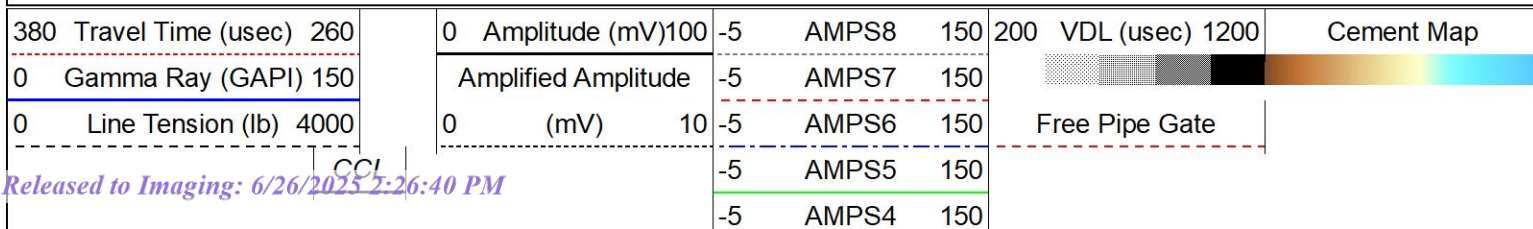
**NEXTIER**

MAIN SECTION "1000 PSI"

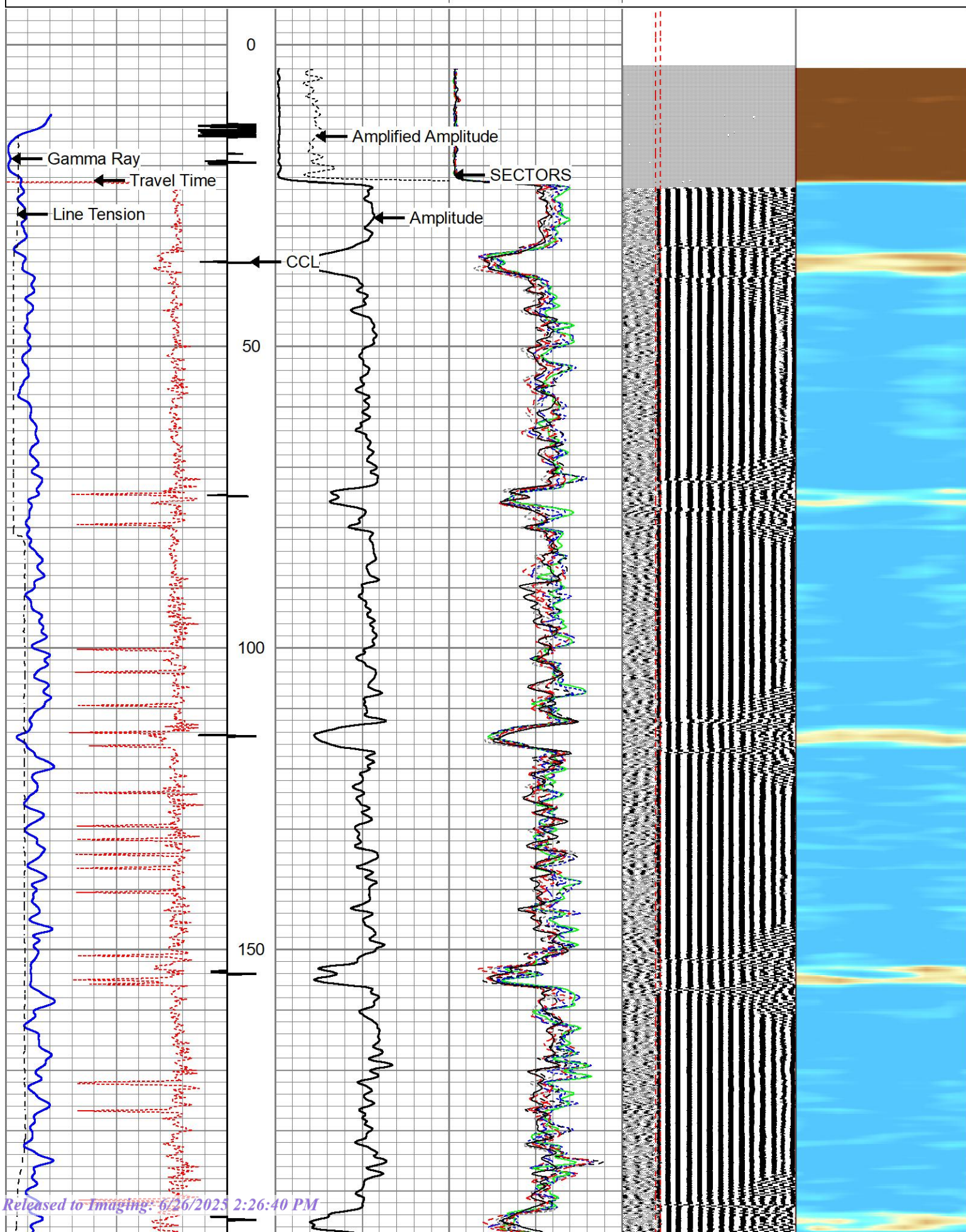
NEXTIER

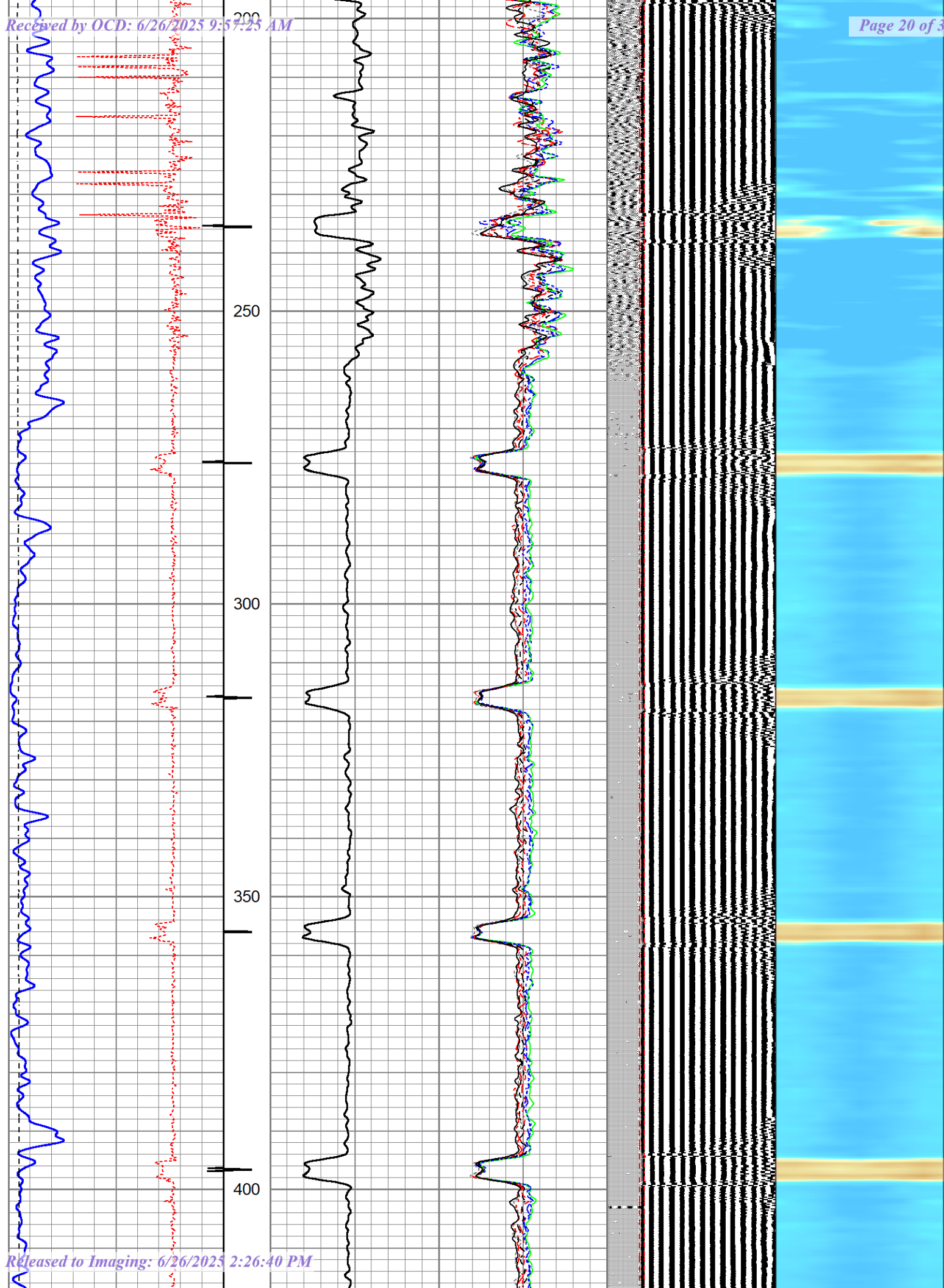
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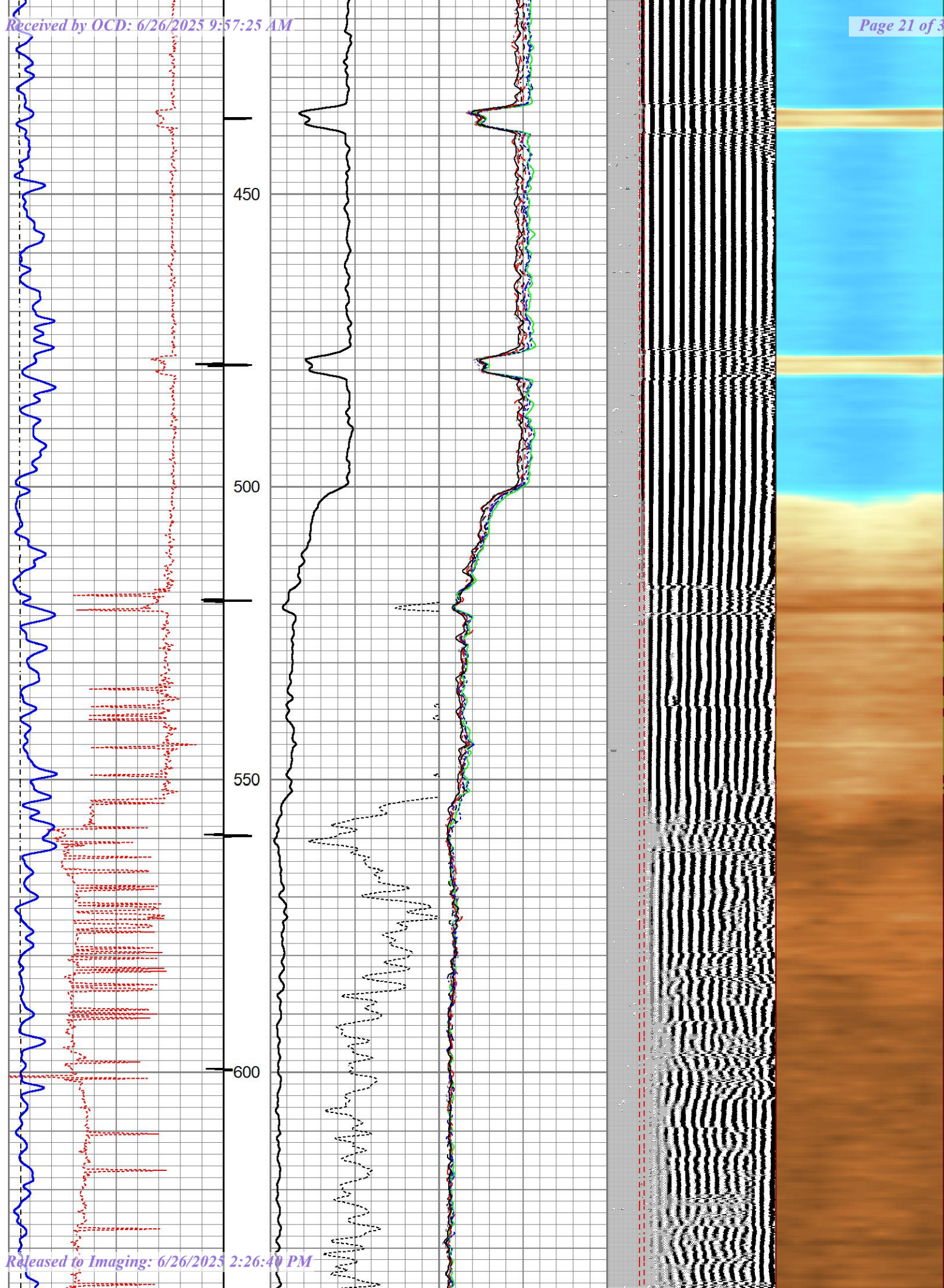
Database File: riley_baffin_10h_rcbl.db
Dataset Pathname: pass9
Presentation Format: scbl5_5n
Dataset Creation: Thu Dec 19 17:43:41 2024
Charted by: Depth in Feet scaled 1:240

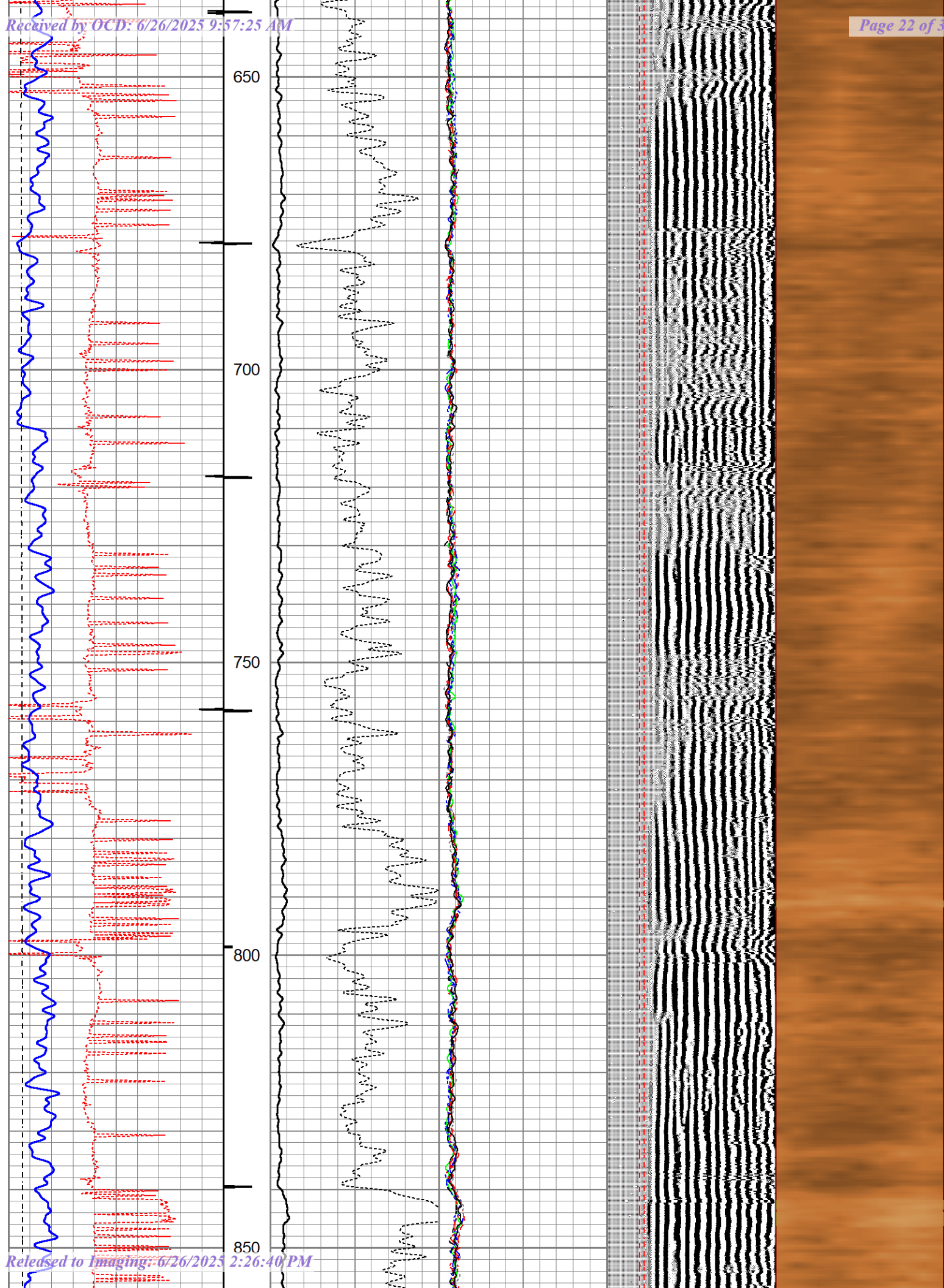


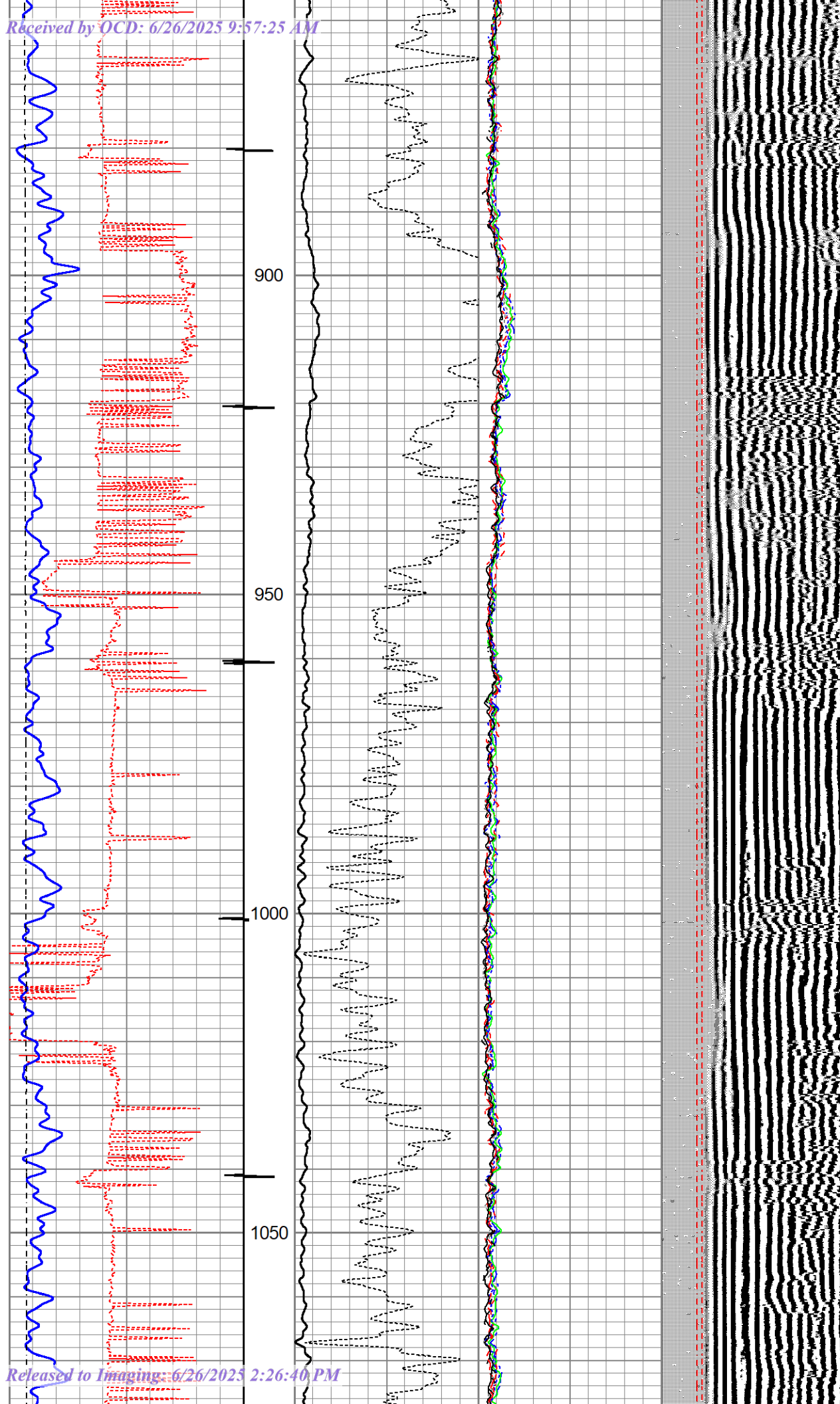
-5	AMPS3	150
-5	AMPS2	150
-5	AMPS1	150

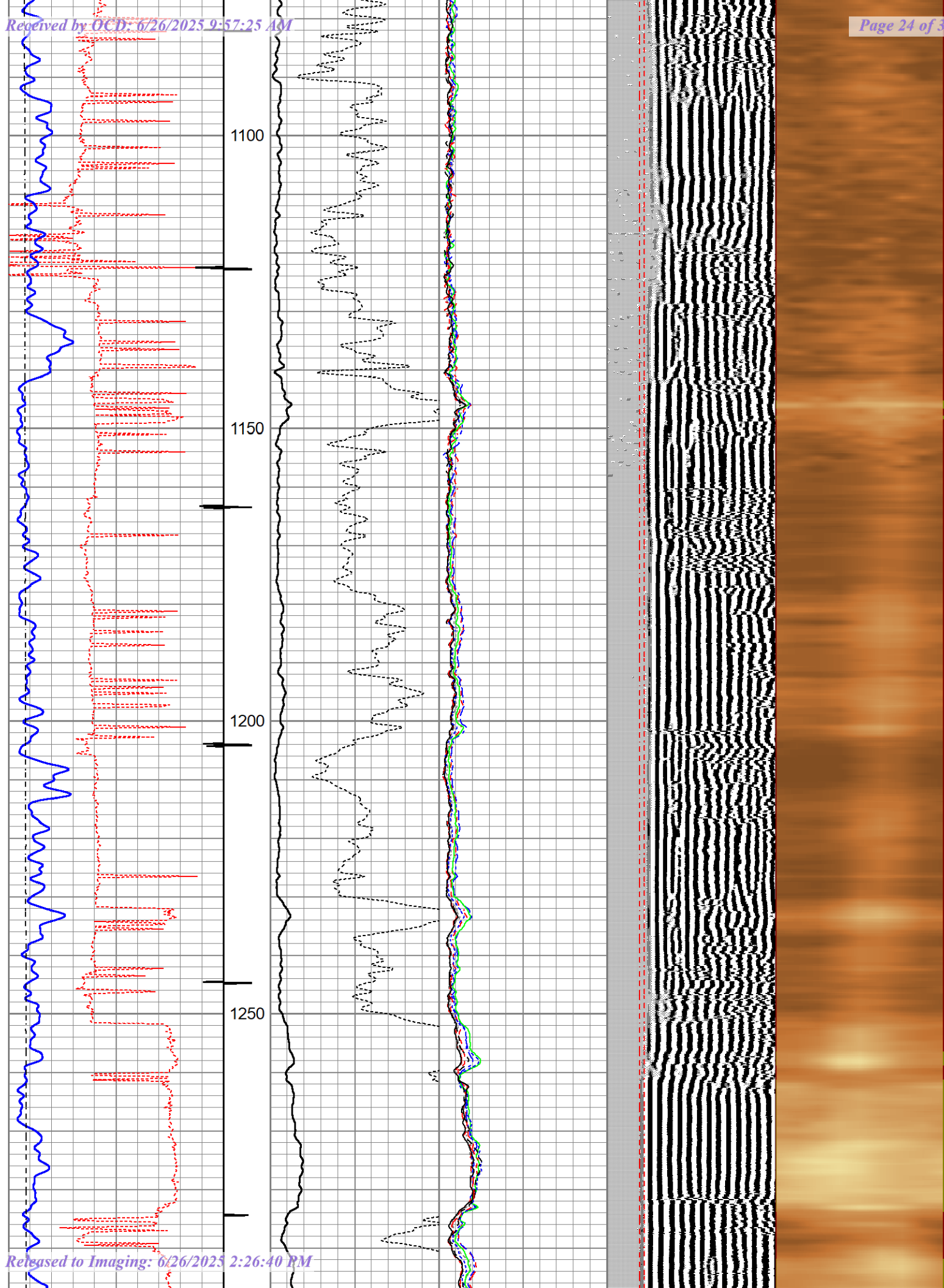


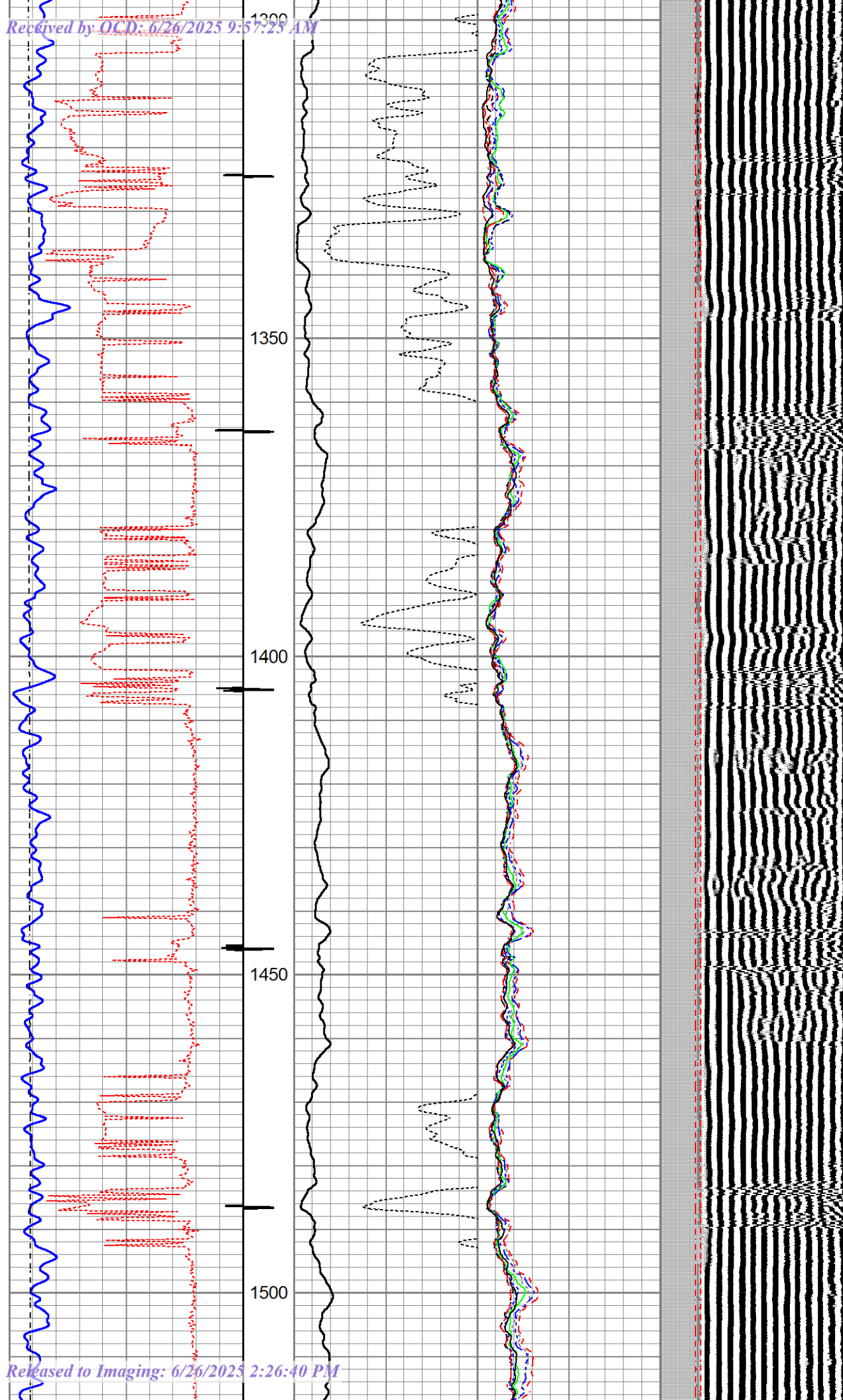


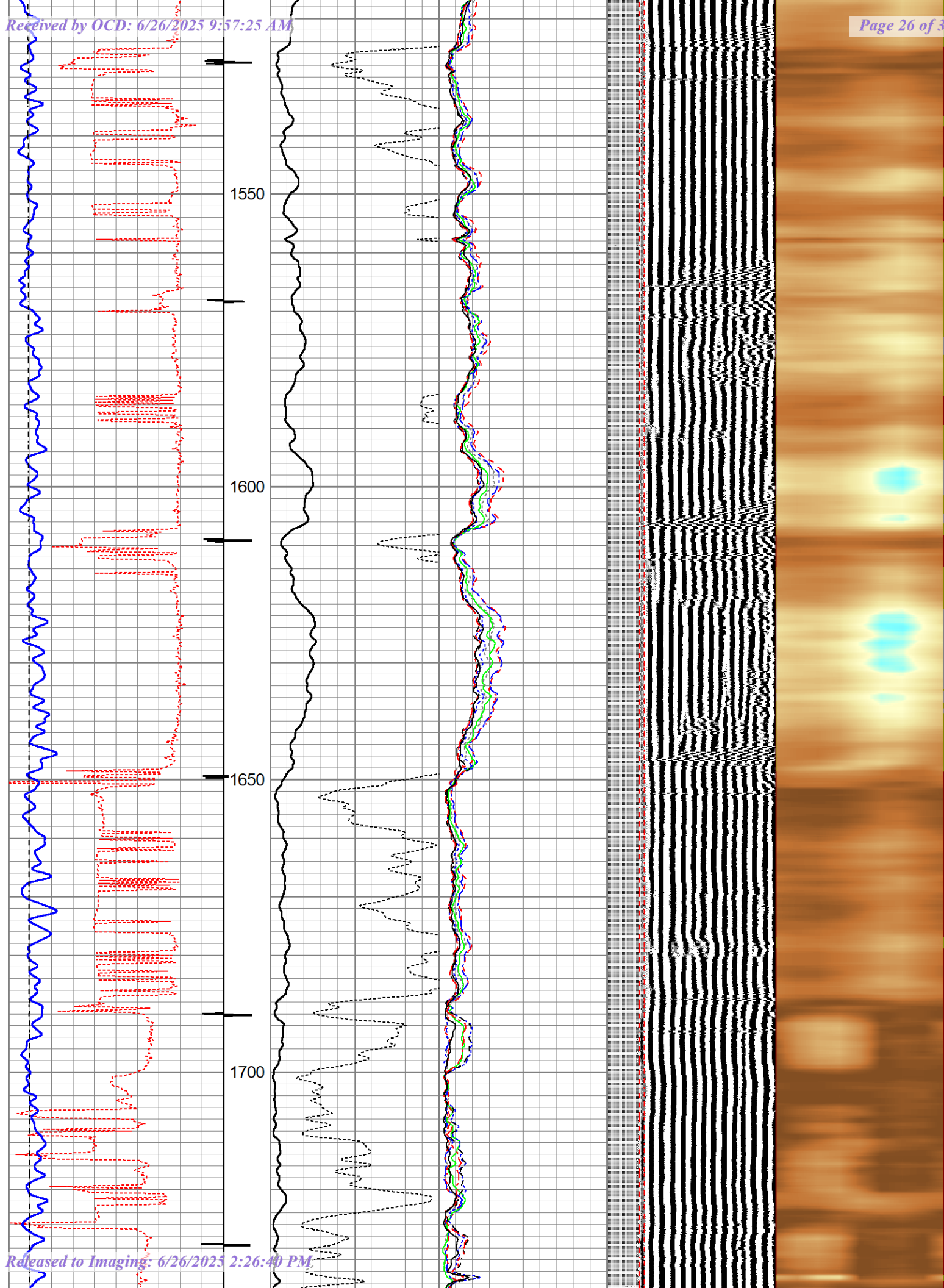


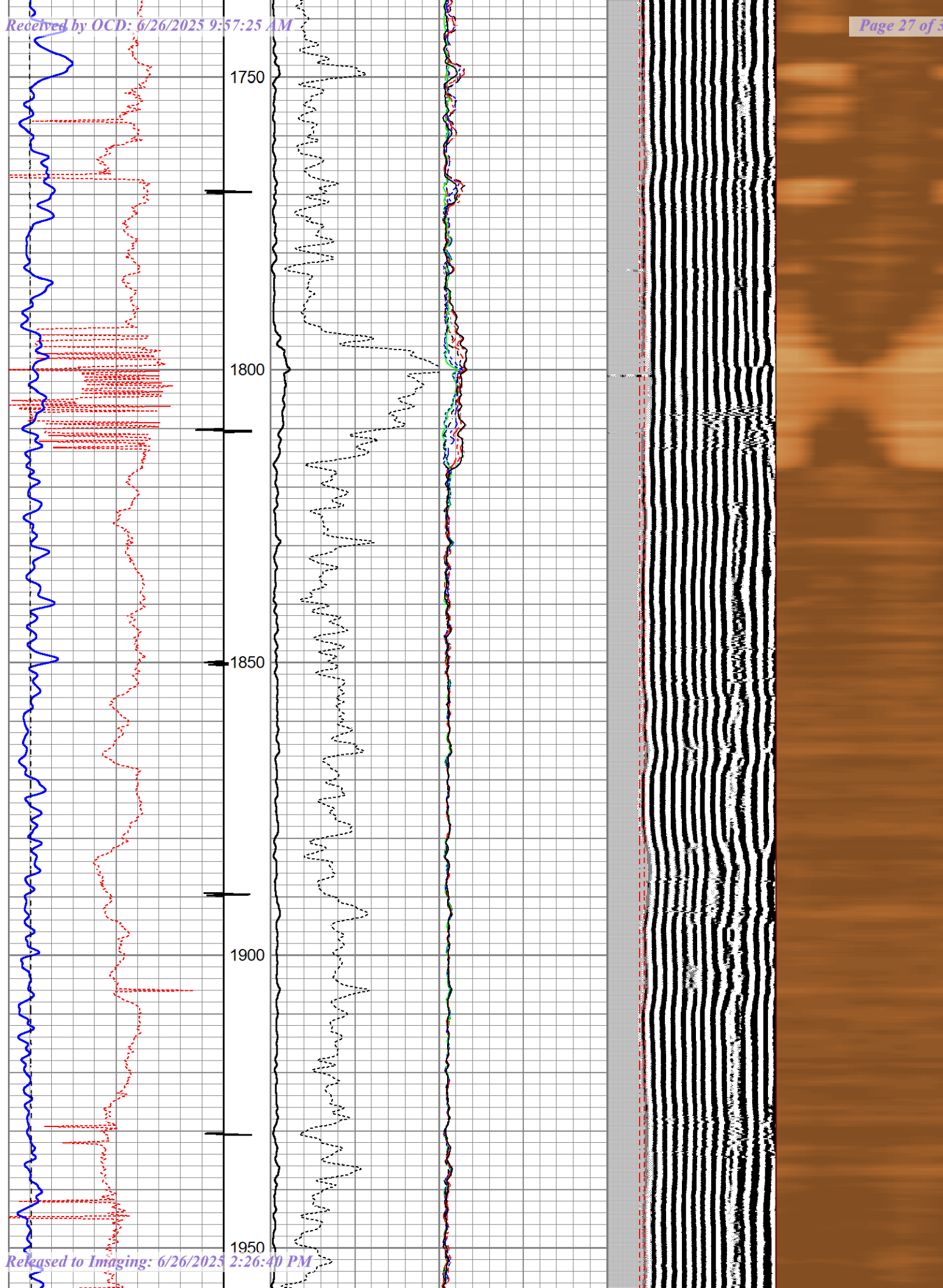


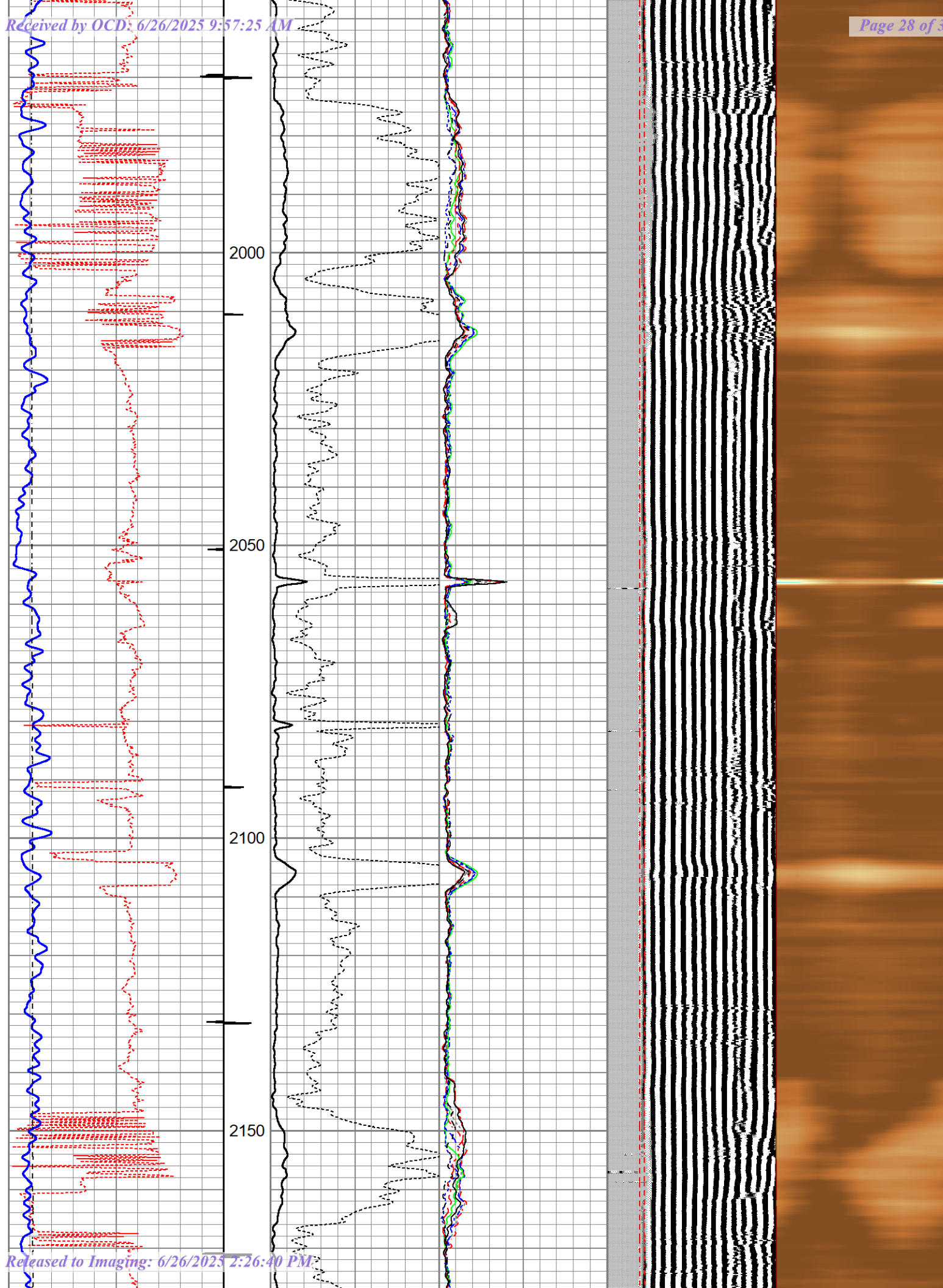


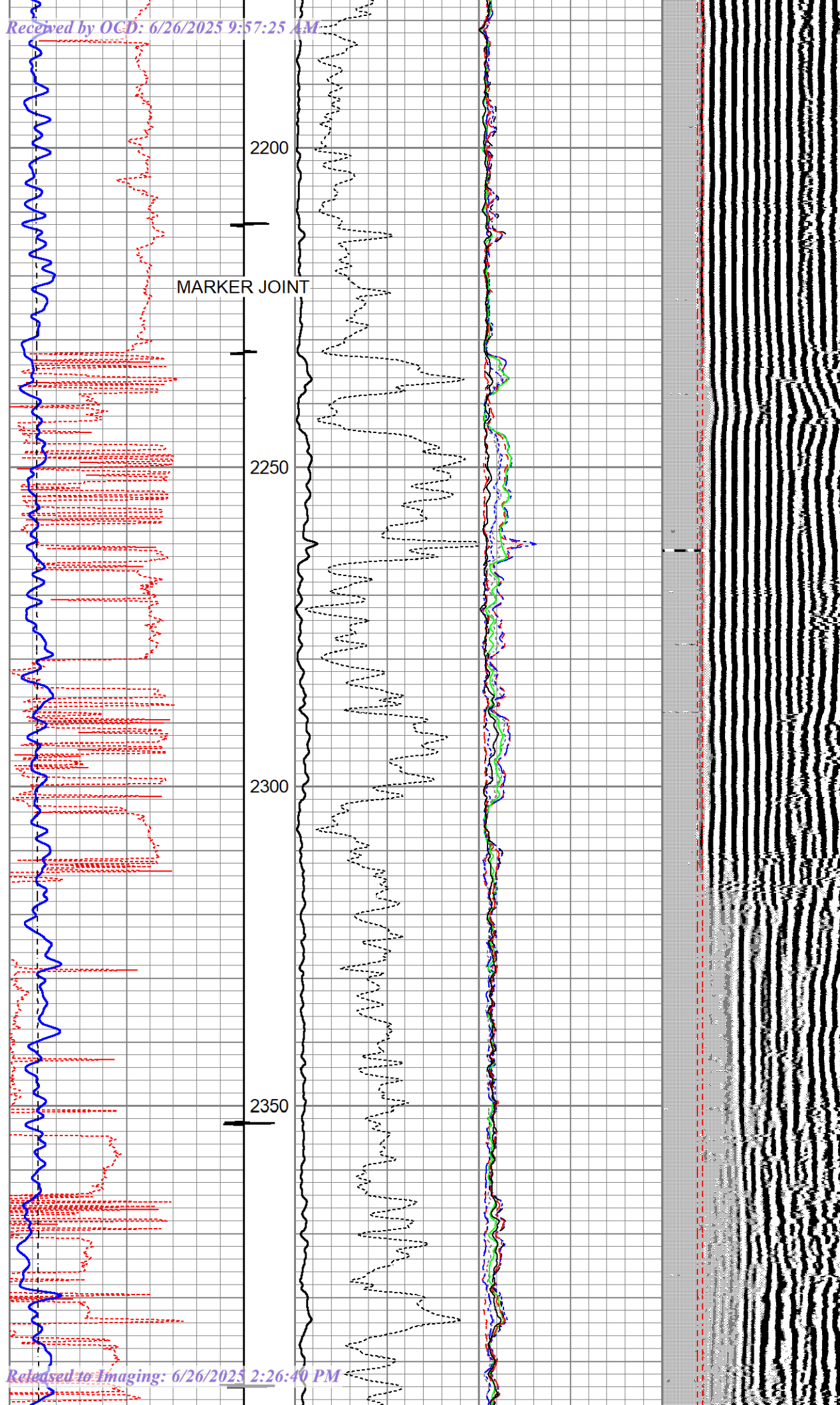


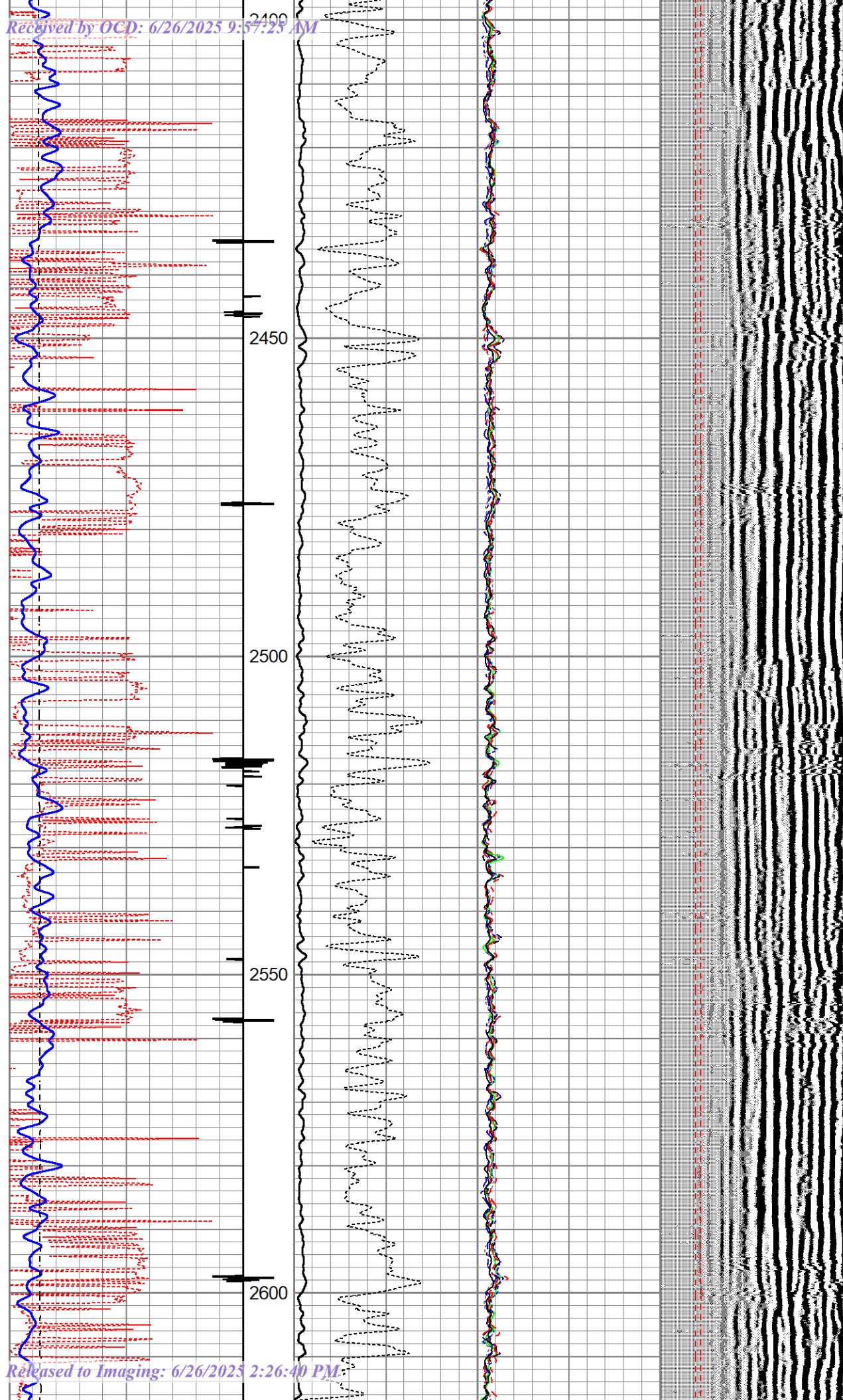


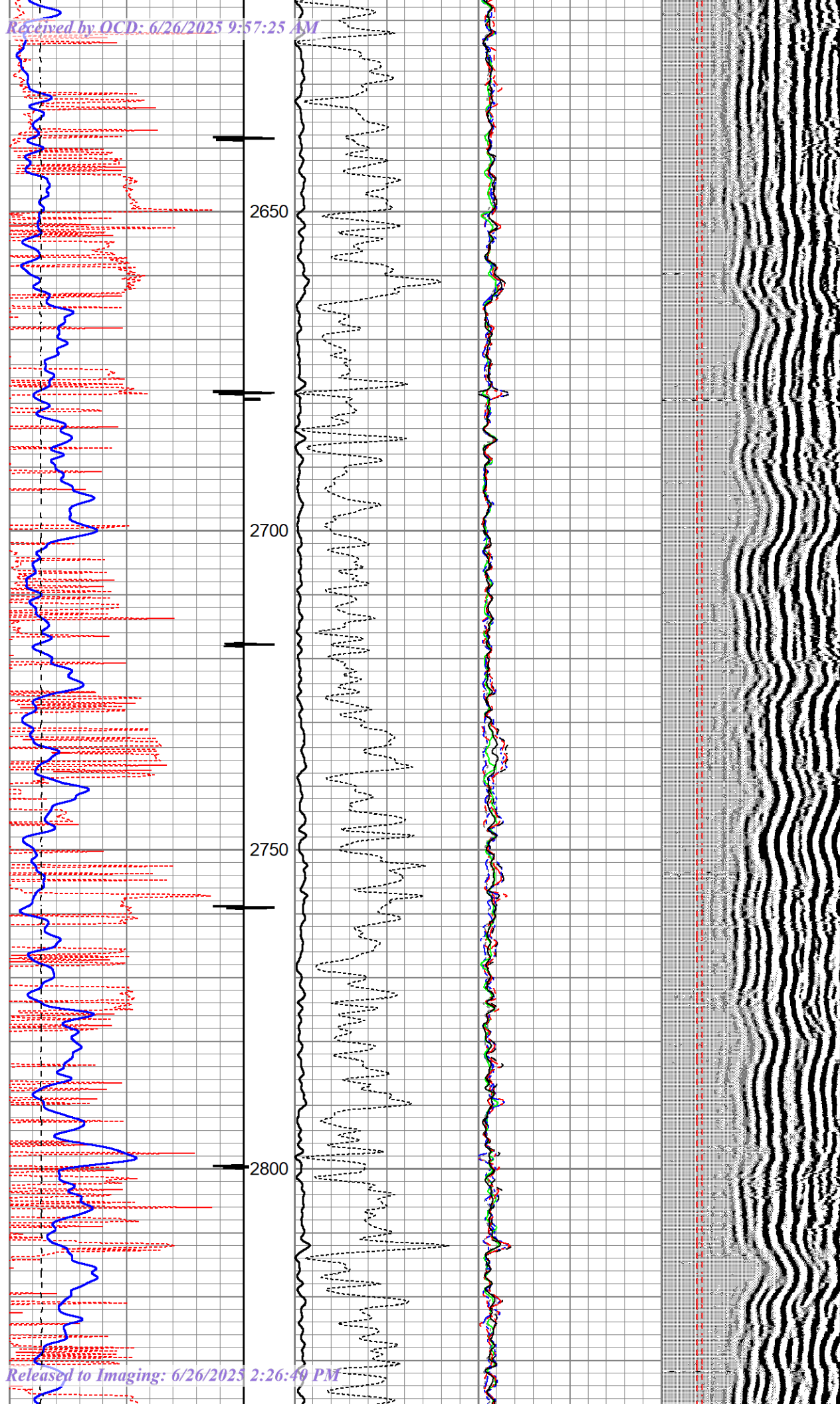


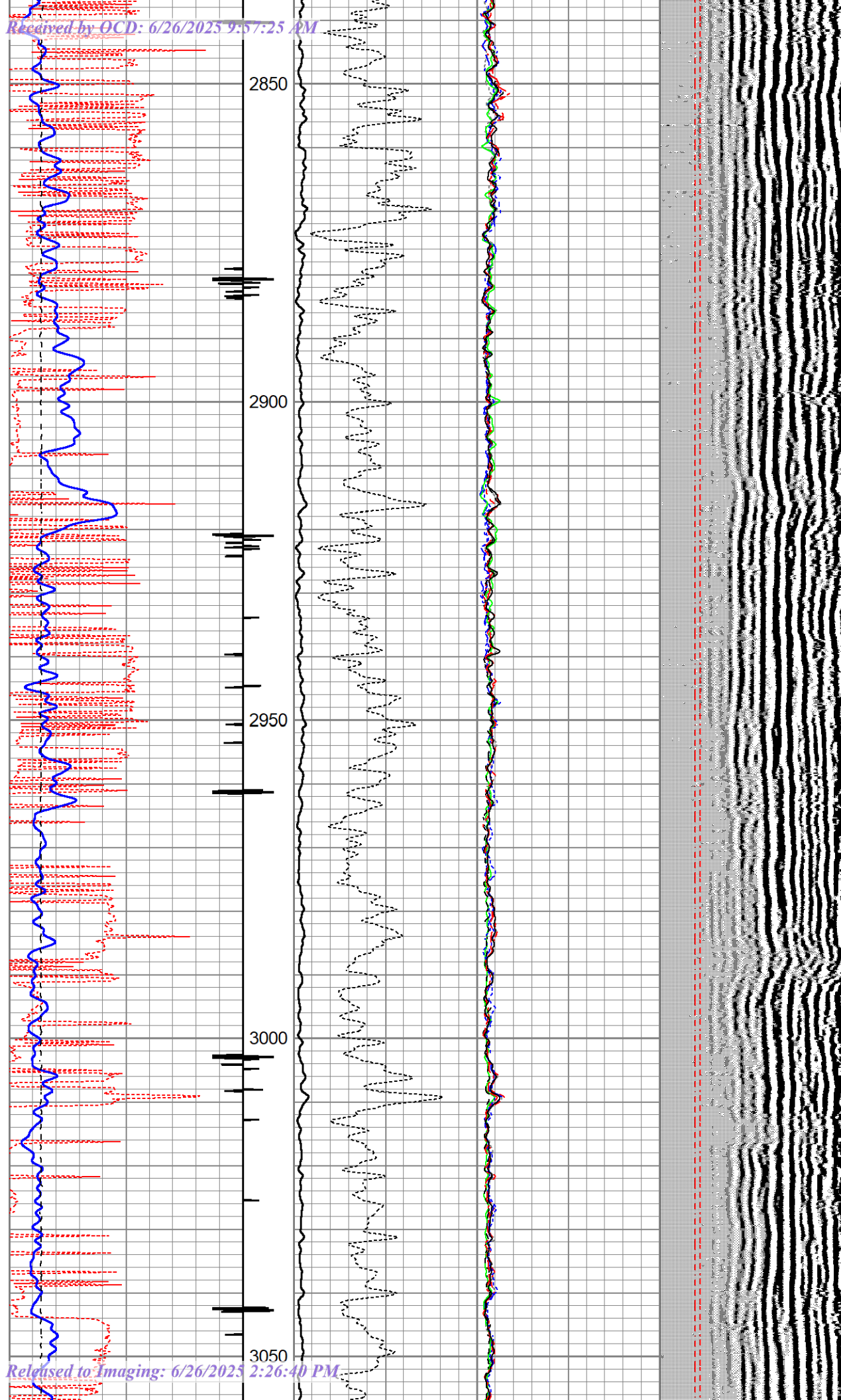


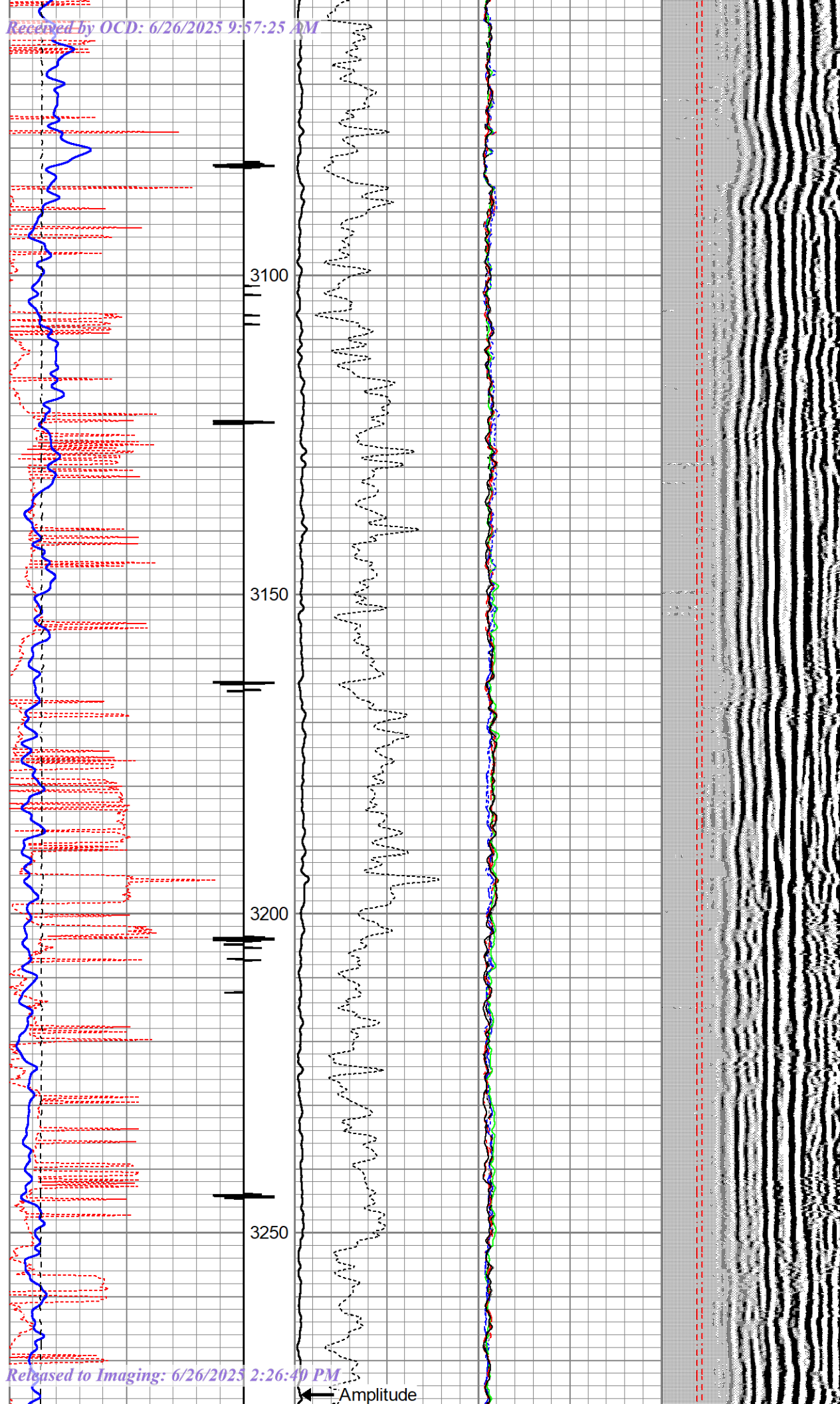


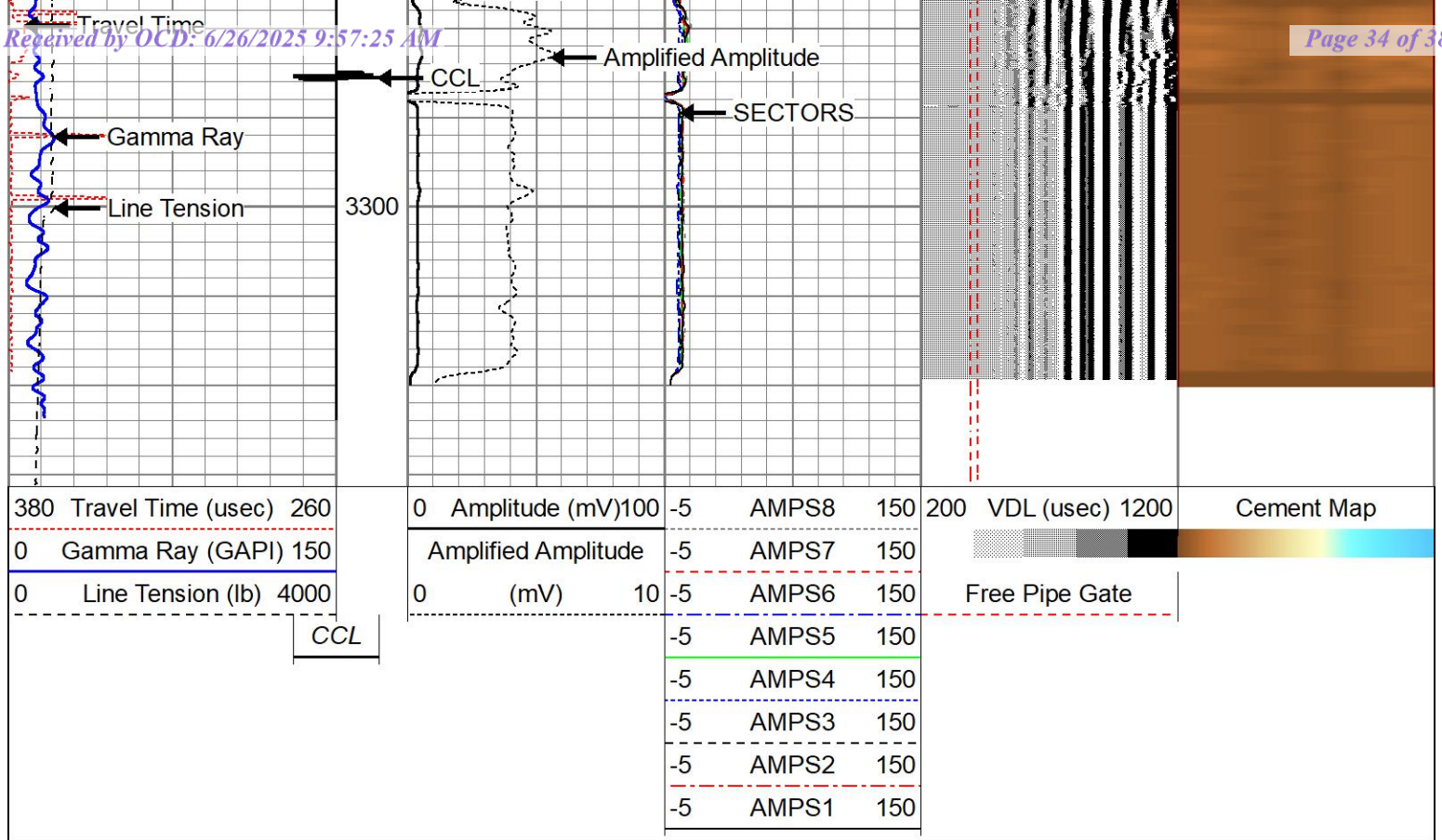












MAIN SECTION "0 PSI"

Log Variables

DatabaseE:\Warrior Data\riley_baffin_10h_rcbl.db
Dataset field/well/run1/pass11/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 100	CASEOD in 7	CASETHCK in 0	CASEWGHT lb/ft 32	MAXAMPL mV 0	MINAMPL mV 2	MINATTN db/ft 0.8
PERFS No	PPT usec 0	SRFTEMP degF 0	TDEPTH ft 0				

Calibration Report

Database File riley_baffin_10h_rcbl.db
Dataset Pathname pass11
Dataset Creation Thu Dec 19 18:36:18 2024

Gamma Ray Calibration Report

Serial Number: 120547
Tool Model: GCT275-0BP0
Performed: Thu Dec 19 11:17:16 2024

Calibrator Value: 1059.0 GAPI

Background Reading: 44.4 cps
Calibrator Reading: 200.3 cps

Inclinometer Calibration Report					
Performed:	(Not Performed)				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee

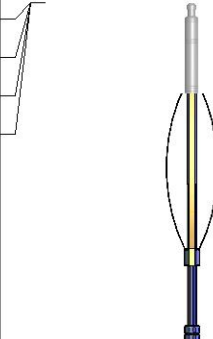
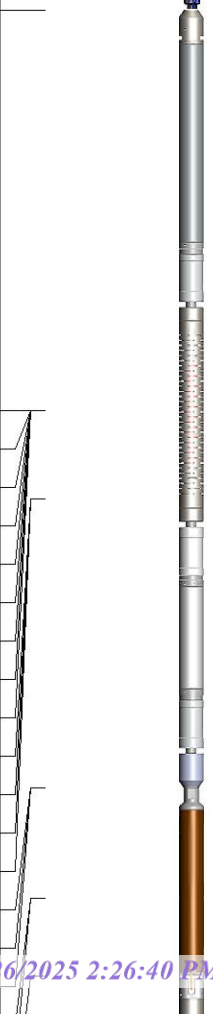
Segmented Cement Bond Log Calibration Report					
Serial Number:	RBT275C_Base				
Tool Model:	RADII-275C				
Calibration Casing Diameter:	5.500	in			
Calibration Depth:	-0.067	ft			

Master Calibration, performed Thu Dec 19 11:16:07 2024:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.010	0.775	2.000	71.921	91.397	1.107
CAL	0.006	0.759				
5'	0.012	0.651	2.000	71.921	109.439	0.720
SUM						
S1	0.009	0.763	0.000	100.000	132.761	-1.240
S2	0.008	0.749	0.000	100.000	134.974	-1.129
S3	0.009	0.746	0.000	100.000	135.755	-1.223
S4	0.009	0.747	0.000	100.000	135.546	-1.200
S5	0.008	0.753	0.000	100.000	134.280	-1.138
S6	0.009	0.760	0.000	100.000	133.212	-1.203
S7	0.009	0.752	0.000	100.000	134.573	-1.156
S8	0.009	0.742	0.000	100.000	136.417	-1.239

Internal Reference Calibration, performed Thu Dec 19 11:15:07 2024:						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	0.759	1.000	0.000

Air Zero Calibration, performed Thu Dec 19 11:14:18 2024:			
	Raw (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

Inclinometer Calibration Report					
Performed:	Mon May 20 14:28:36 2019				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-965.00	914.00	-1.00	1.00	gee
Y Accelerometer	-918.00	899.00	-1.00	1.00	gee
Z Accelerometer	6.27	869.23	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_FMWR	21.23		Cable_Head-1_7/16	1.02	1.44	3.31
mSec_Count	21.23		Titan 1 7/16" Cable Head			
RBT_Status	21.23					
Error_Ct	21.23					
			CENT-APPLIED1_68	2.88	1.68	
			APPLIED 1 11/16 CENT			
RBT_HV	17.34					
WVFS8	12.84		RBT8-RADII-275C (RBT275C_Base)	8.75	2.75	
WVFS7	12.84		Probe 2.75" RADII 8 Sector Bond Tool			
WVFS6	12.84					
WVFS5	12.84					
WVFS4	12.84					
WVFS3	12.84					
WVFS2	12.84					
WVFS1	12.84					
WVF3FT	12.84					
RBT_ACCZ	11.84					
RBT_ACCY	11.84					
RBT_ACCX	11.84					
WVF5FT	11.84					
GCT_HV	8.59					
WVFSYNC	8.59					
WVFCAL	8.59					

CCL\$2			7.35		GCacc-GCT275-0BP0 (120547)	5.38	2.75	59.00
CCL\$1			7.35		Probe 2.75" Gamma Ray - CCL (6 magnet) w/Temp			
GCT_Temp			6.47					
GR			5.60					
GCT_IntTemp			4.88					
GCT_ACCZ			3.21					
GCT_ACCY			3.21					
GCT_ACCX			3.21					
					CENT-APPLIED1_68 APPLIED 1 11/16 CENT	2.88	1.68	
					Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00
Dataset:			riley_baffin_10h_rcbl.db: field/well/run1/pass11					
Total length:			21.23 ft					
Total weight:			63.31 lb					
O.D.:			2.75 in					

Company	RILEY PERMIAN OPERATING CO, LLC		
Well	BAFFIN 10H		
Field	RED LAKE; GLORIETA-YESO		
County	EDDY	State	NEW MEXICO
		RADIAL CEMENT BOND GAMMA RAY / CCL LOG	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

COMMENTS

Action 378791

COMMENTS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 378791
	Action Type: [C-103] EP Drilling / Cement

Comments

Created By	Comment	Comment Date
keith.dziokonski	Surface casing weight is lower than approved APD. Please submit a form C-103A to explain the change in casing design. Please list Taper depths for all strings when applicable. Surface casing shows 2 different weights but no addition depths for the change. No taper depth for production string. Pressure test failed. Please verify results and resubmit or submit remediation plans for review.	5/15/2025
keith.dziokonski	First production taper is less weight (20) than approved on APD (32). Please submit a form C-103A to explain the change in casing design.	6/6/2025
keith.dziokonski	Conflicting dates. Please verify and resubmit. Thank you	6/25/2025
keith.dziokonski	Pleas upload CBL to well files separate from sundry. Please submit CBL as a .tiff file. Thank you	6/26/2025