

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

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.)		WELL API NO. 30-015-32938
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Matador Production Company		6. State Oil & Gas Lease No.
3. Address of Operator 5400 LBJ Freeway Ste 1500 Dallas, TX 75240		7. Lease Name or Unit Agreement Name Esperanza 22 State Com
4. Well Location Unit Letter <u>I</u> : <u>1775</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>22</u> Township <u>21S</u> Range <u>27E</u> NMPM County <u>Eddy</u>		8. Well Number <u>001</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3225		9. OGRID Number 228937
		10. Pool name or Wildcat BURTON FLAT; MORROW (PRO GAS)

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☒
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	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.

Matador is requesting to plug and abandon the Esperanza 22 State Com #001, per the required COA, following the procedure below:

6/22/2022: MIRU WOR.
 6/23/2022: NU & function test BOPs.
 6/24/2022: POOH w/ tubing; RIH & set CIBP @ 11,442' WLM; Load casing and pressure test to 500 psi for 10 minutes, good test.
 6/25/2022: Run CBL; Found TOC @ ~9,170'. Cement also from 7,250' - 6,390' and 4,250' to surface.
 6/27/2022: TIH & spot 25 sks Class H cement on CIBP.
 6/28/2022: TIH & tag TOC @ 10,921' TM; RIH & set CIBP @ 10,660'; RIH & tag CIBP @ 10,642' TM.
 6/29/2022: Spot a 30 sk Class H cement balanced plug on top of CIBP; WOC for 4 hrs; TIH @ tag TOC @ 10,329' TM; Circulate wellbore full of MLF; PU & spot a 50 sk Class H cement balanced plug @ 9,900' TM.
 6/30/2022: TIH & spot a 14 sk Class H cement balanced plug @ 9,300' TM; RIH & perf @ 9,174' WLM; Establish circulation & squeeze 50 sks Class H cement.
 7/6/2022: TIH & tag TOC @ 8,861' TM; PU & spot a 125 sk Class C cmt Balanced Plug @ 7,334' TM; WOC for 4 hrs; TIH & tag TOC @ 6,088' TM.
 7/7/2022: RIH & perf @ 5,340' WLM; Attempt to establish circulation, no success; TIH & spot a 65 sk Class C balanced plug @ 5,417' TM; RIH & tag TOC @ 4,765' WLM; PU & perf @ 2,702' WLM.
 7/8/2022: Squeeze 60 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 2,550' WLM; PU & perf @ 566' WLM; Establish circulation & squeeze Class C cement to surface (184 sks Class C cmt total).
 7/12/2022: Cut & remove wellhead; Top off Surface Casing with 2.5 sks Class C cement; Verify cement to surface on all strings; Weld on dryhole marker; Fill cellar and back drag location.
 Spud Date: 8/26/2003
 Rig Release Date: 7/11/2022

Spud Date:

Rig Release Date:

Approved for plugging of well bore only. Liability under bond is retained pending Location cleanup & receipt of C-103Q (Subsequent Report of Well Plugging) which may be found at OCD Web Page, OCD Permitting @ www.emnrd.state.nm.us

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

SIGNATURE Brett Jennings TITLE Regulatory Analyst DATE 08/16/2023

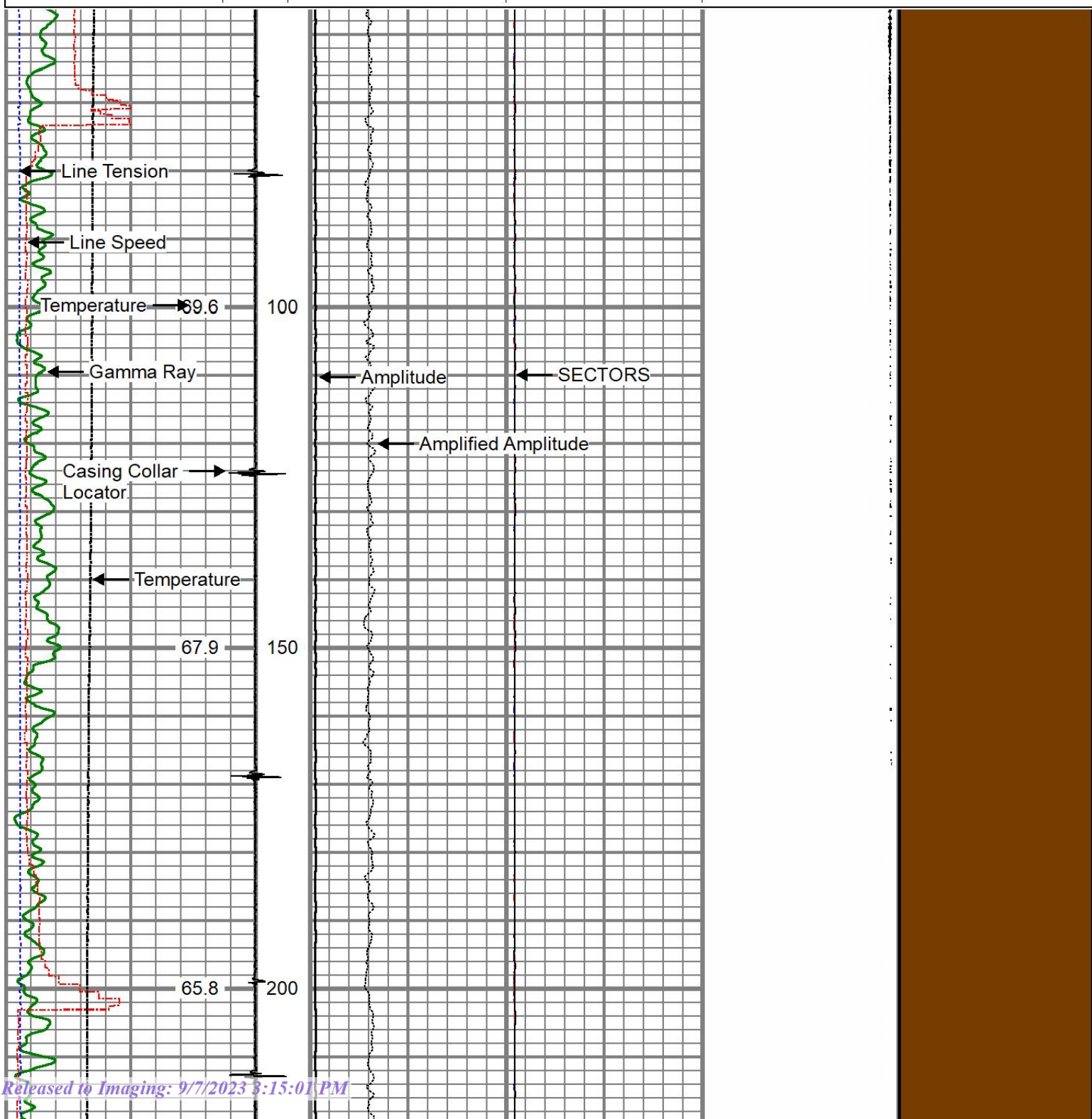
Type or print name Brett Jennings E-mail address: Brett.Jennings@matadorresources.com PHONE: 972-629-2160

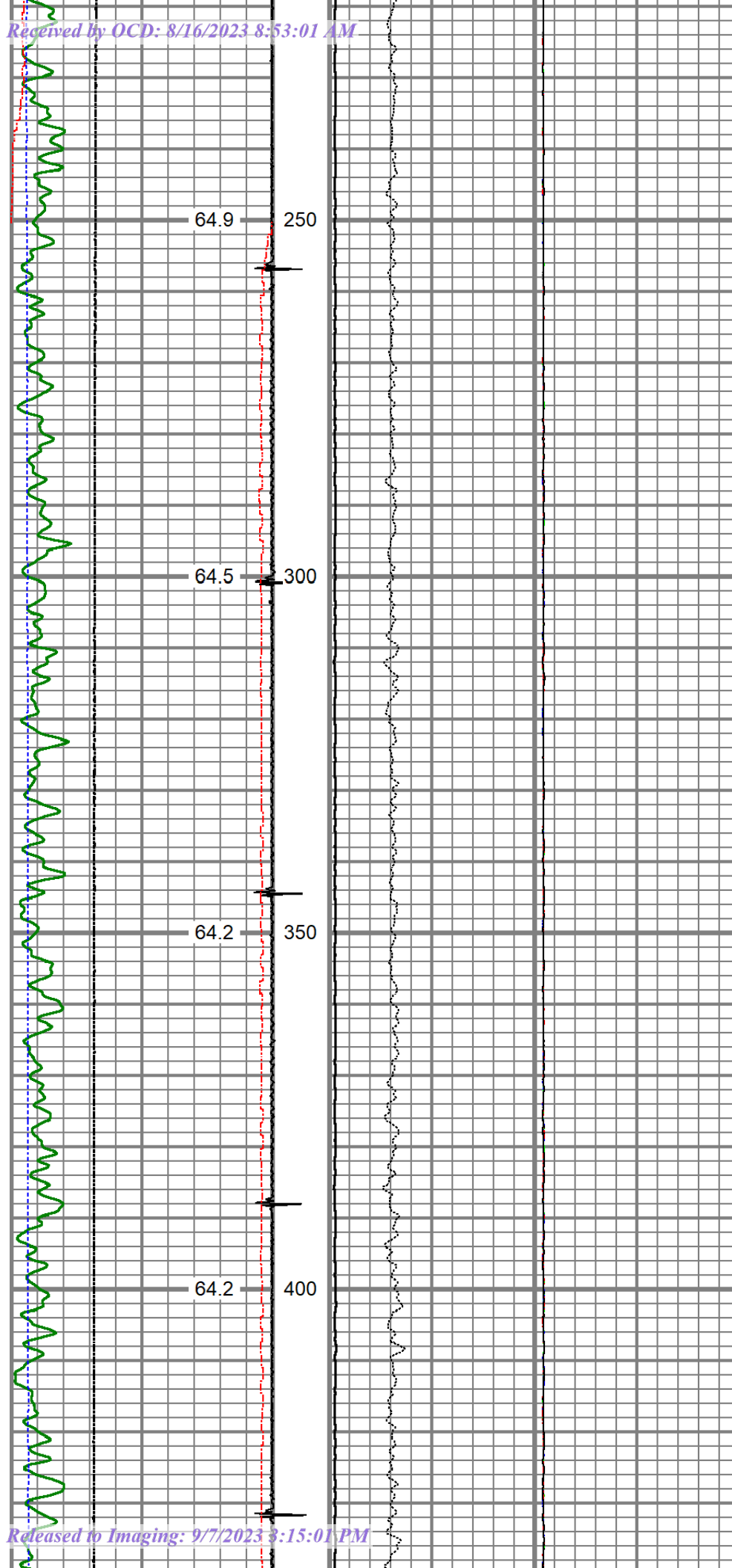
For State Use Only

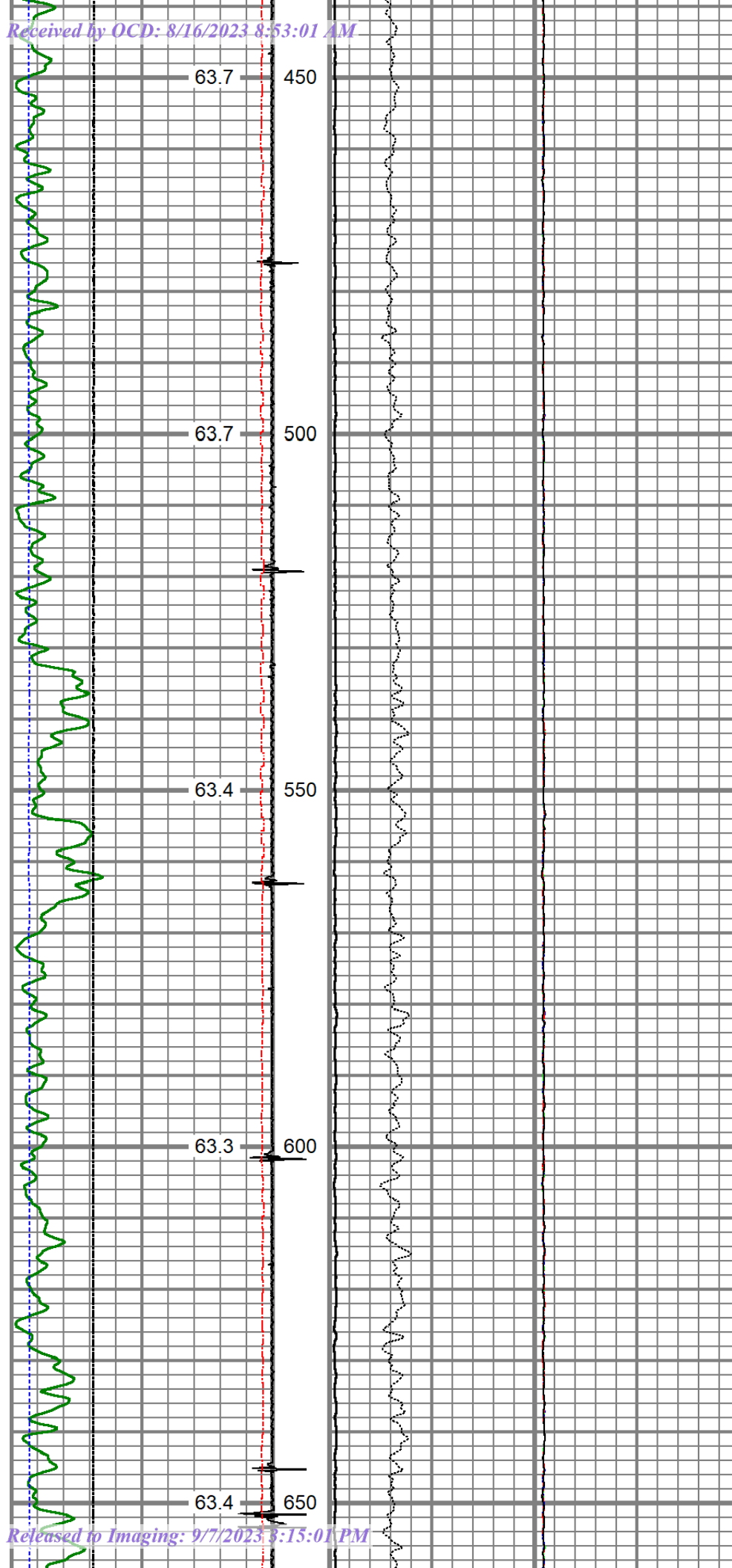
APPROVED BY: [Signature] TITLE Staff Manager DATE 9/7/23

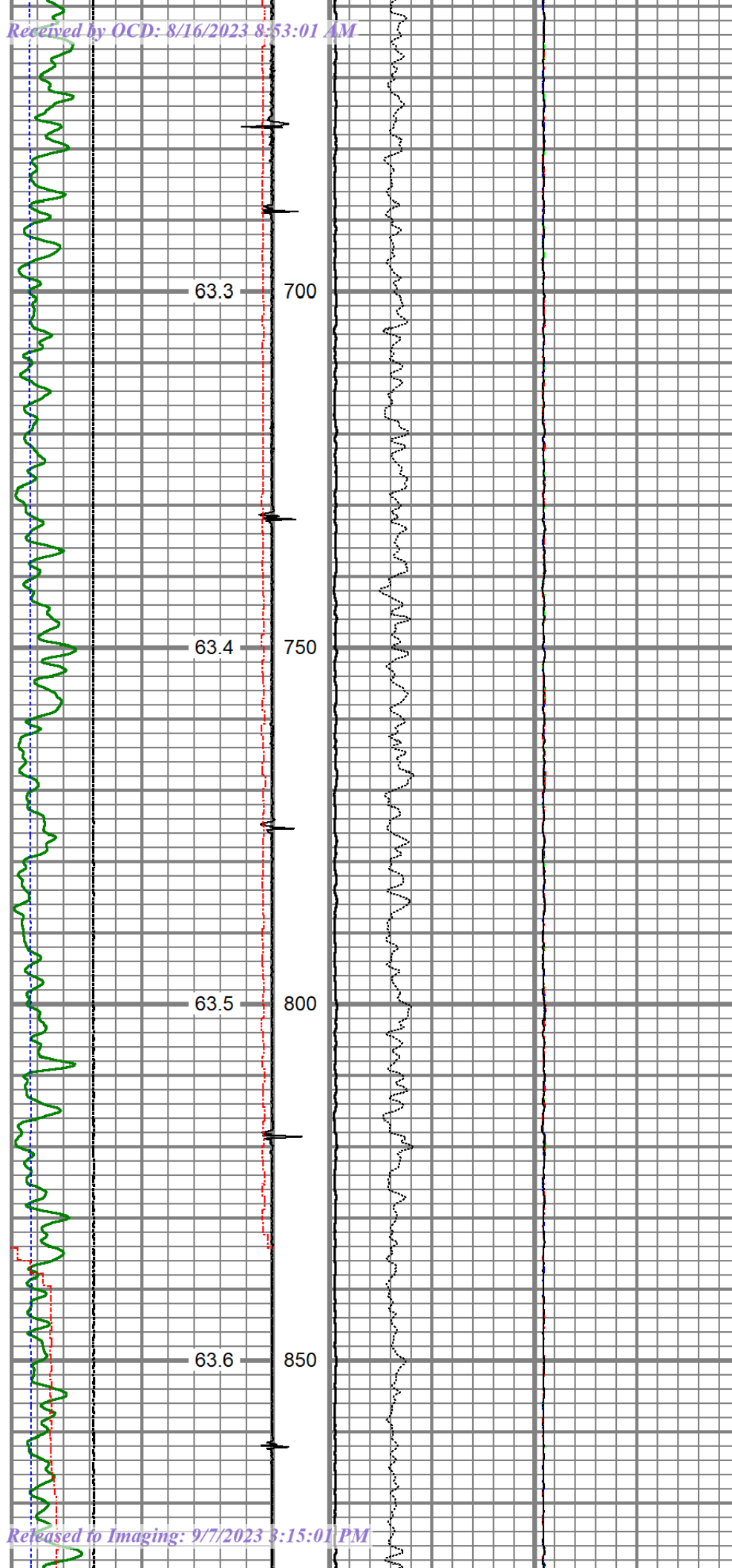
Conditions of Approval (if any):

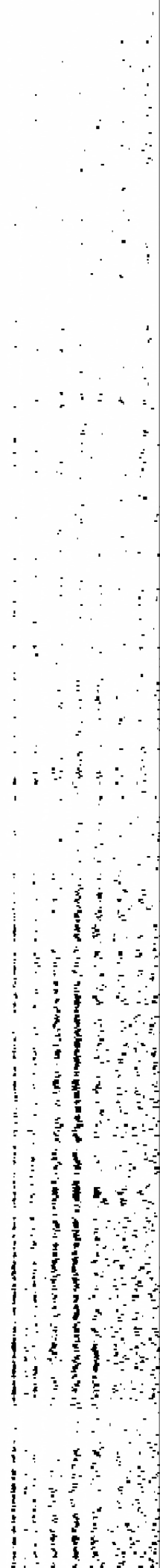
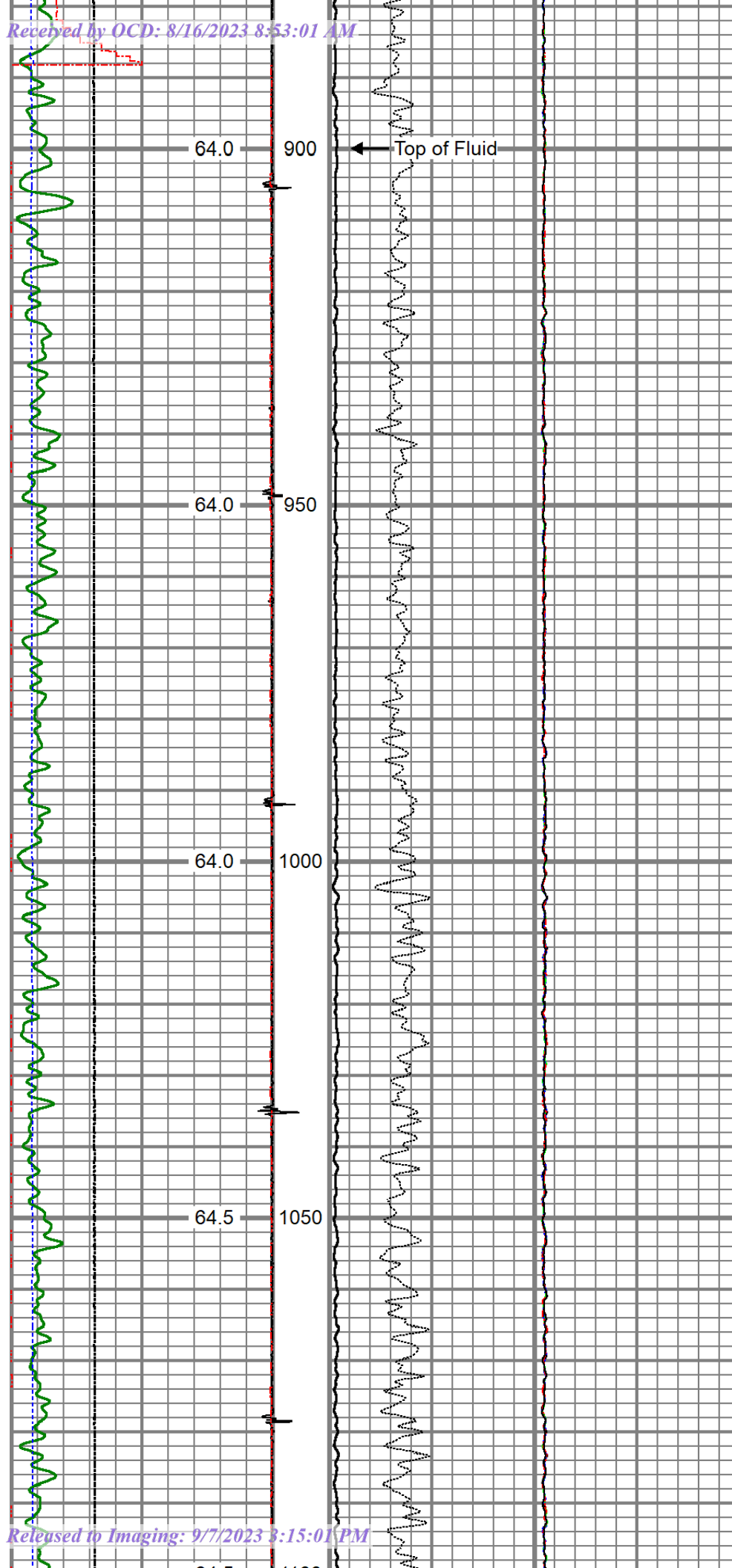
342	Travel Time (usec)	242	Amplitude	-5	AMPS2	150	200	VDL	1200	1	Cement Map	8
0	Gamma Ray (GAPI)	150	(mV)	100	-5	AMPS3	150			3		100
0	LTEN (lb)	4000	Amplified Amplitude	-5	AMPS4	150						
0	TEMP (degF)	200	(mV)	10	-5	AMPS5	150					
-100	LSPD (ft/min)	100			-5	AMPS6	150					
	TEMP (degF)				-5	AMPS7	150					
					-5	AMPS8	150					
					-5	AMPS1	150					
	CCL											

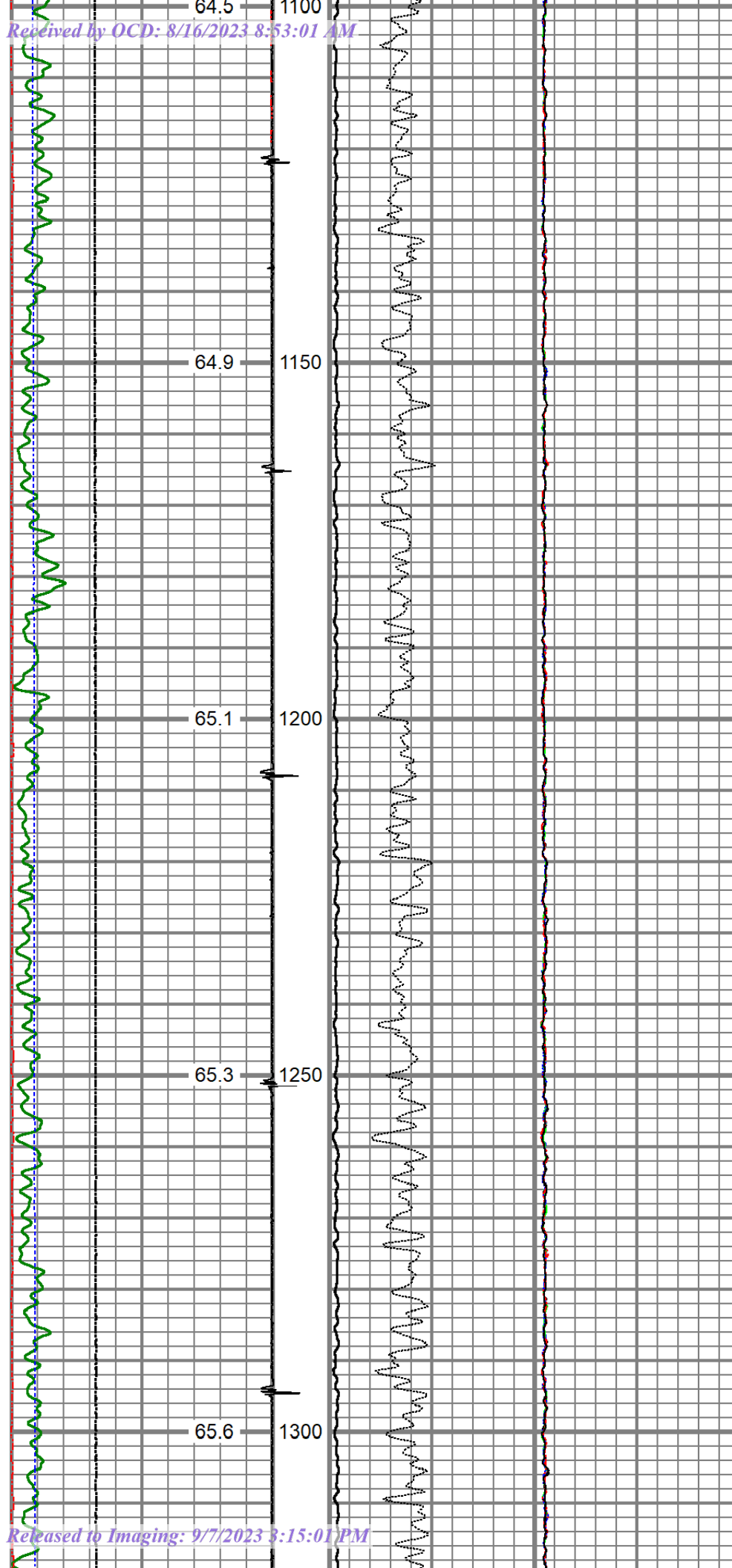


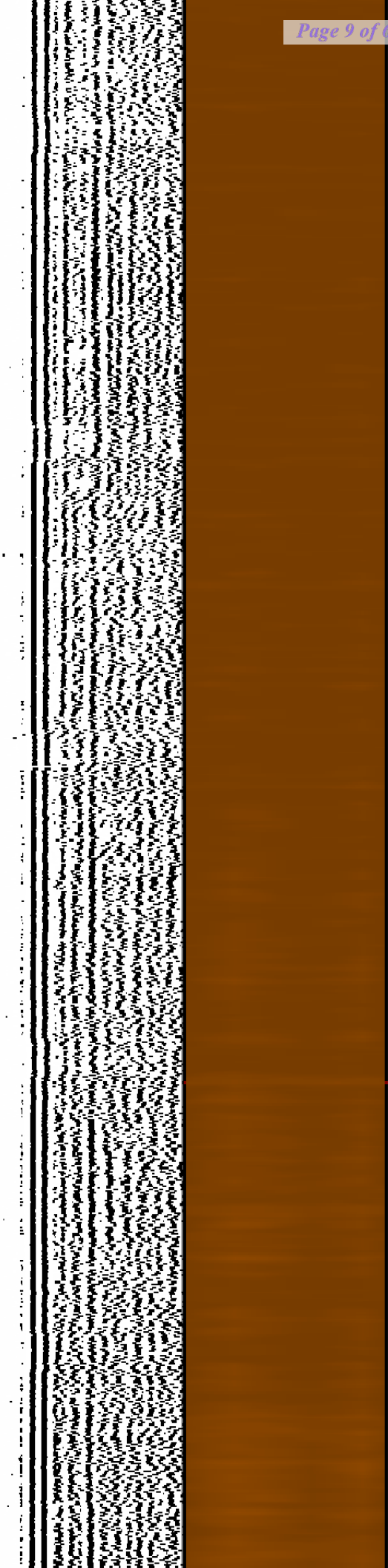
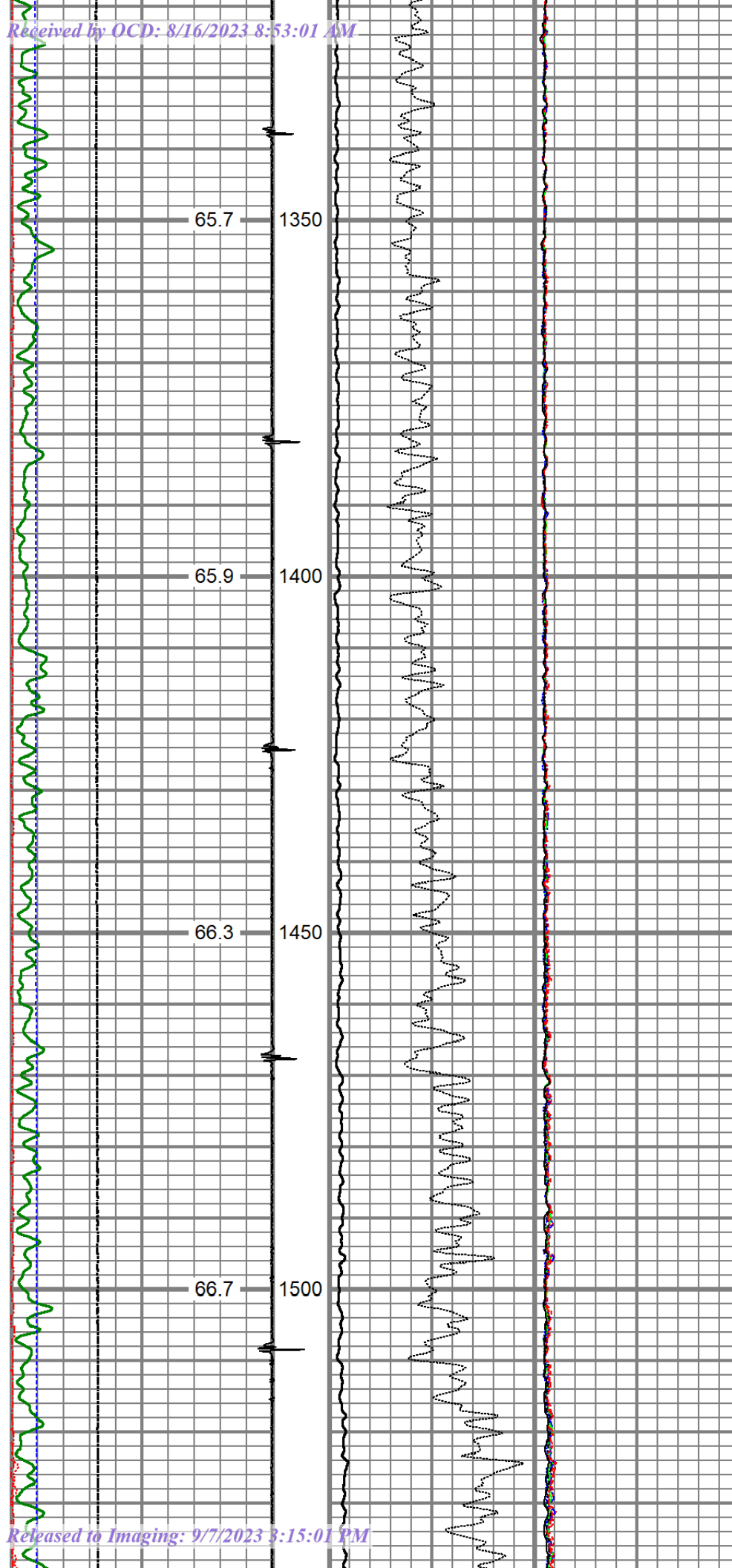


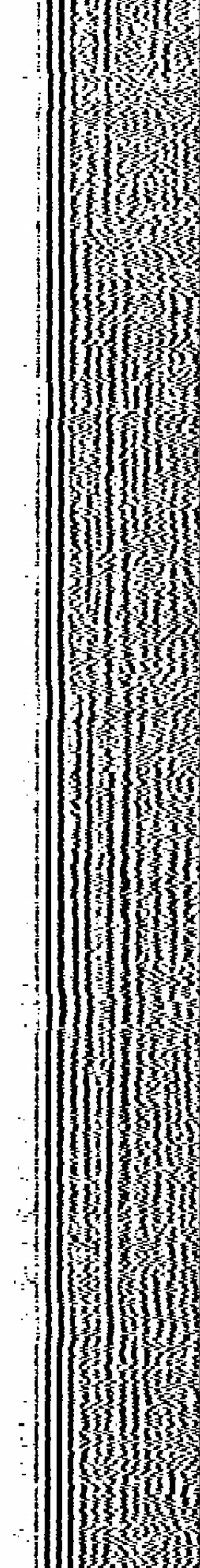
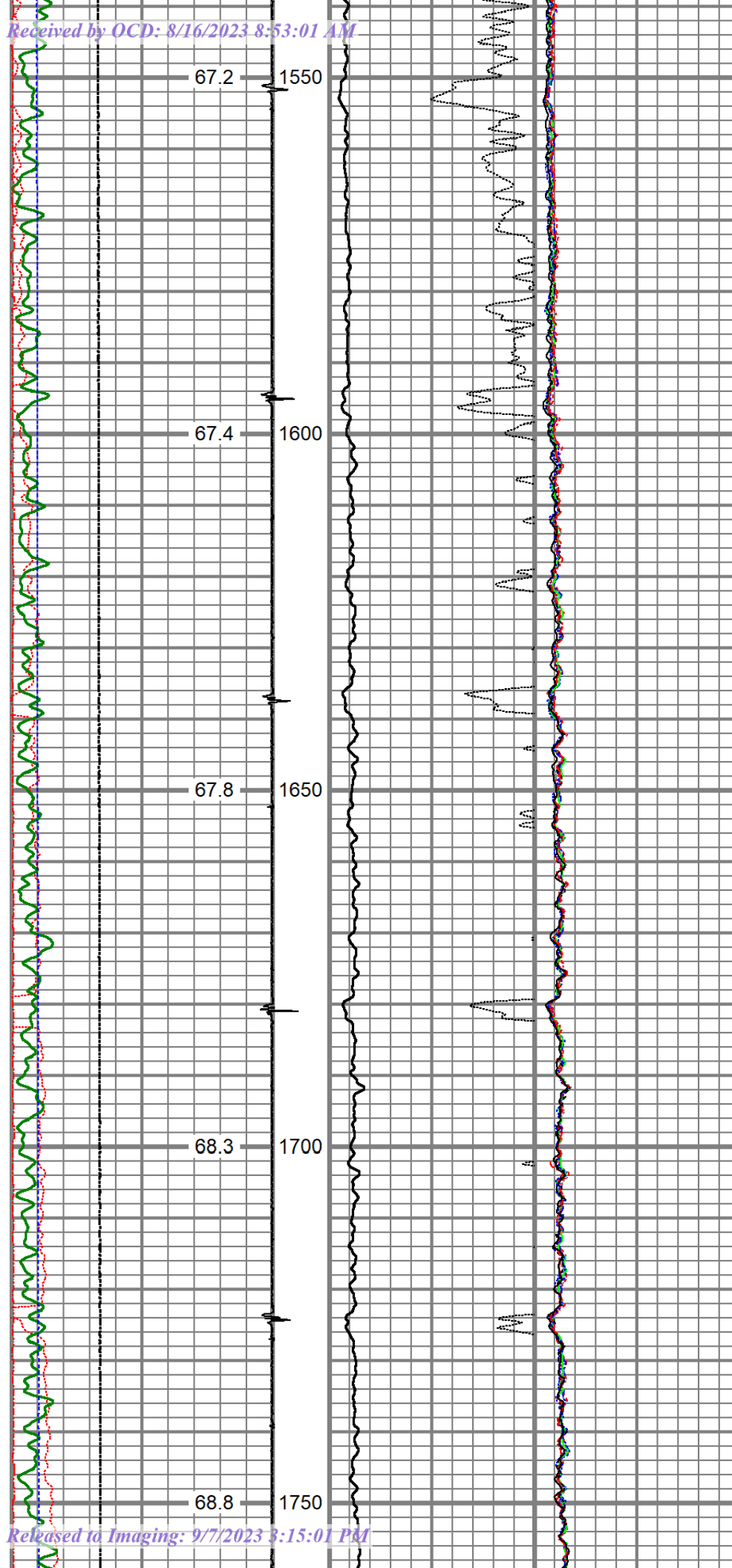


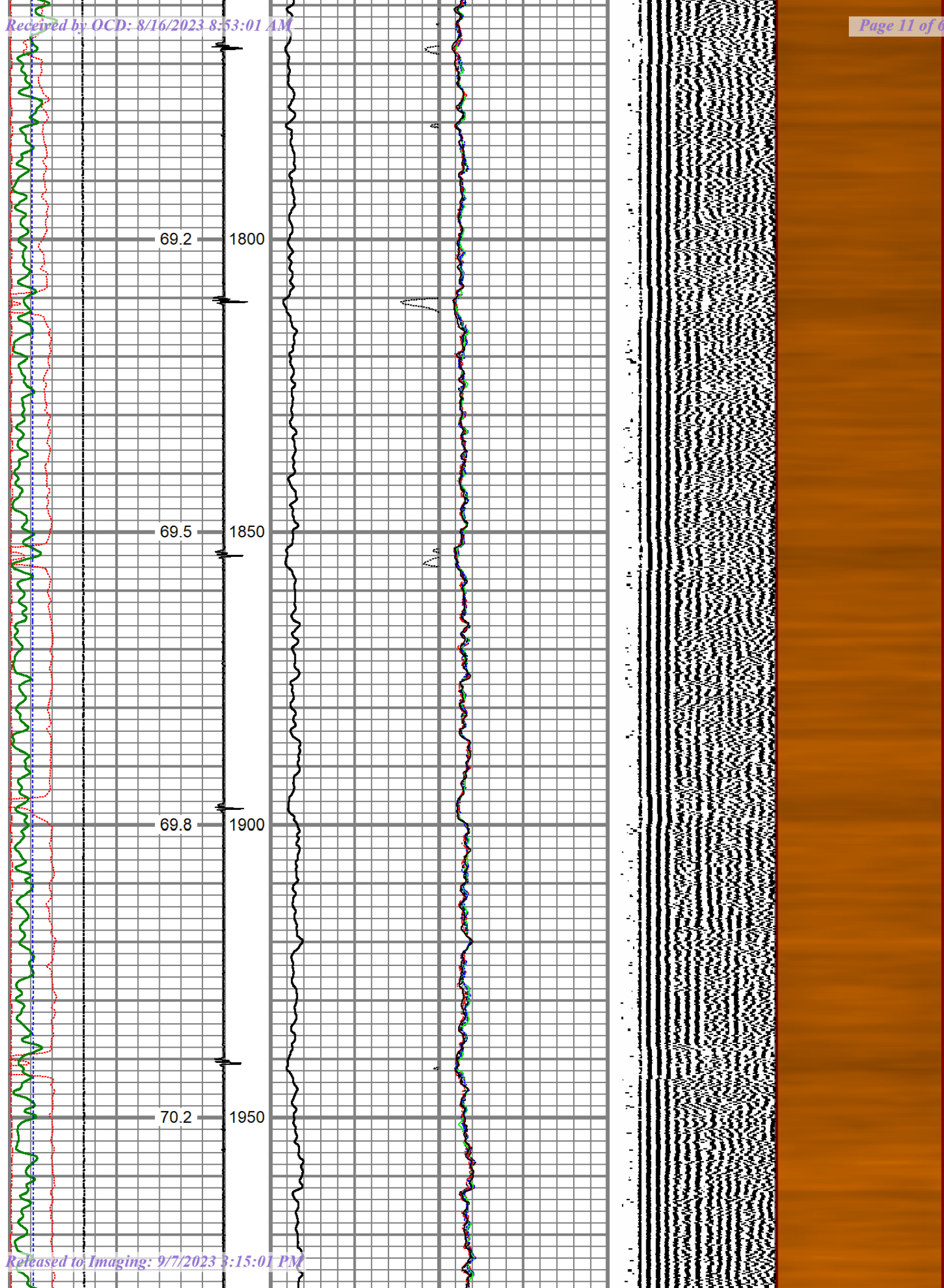


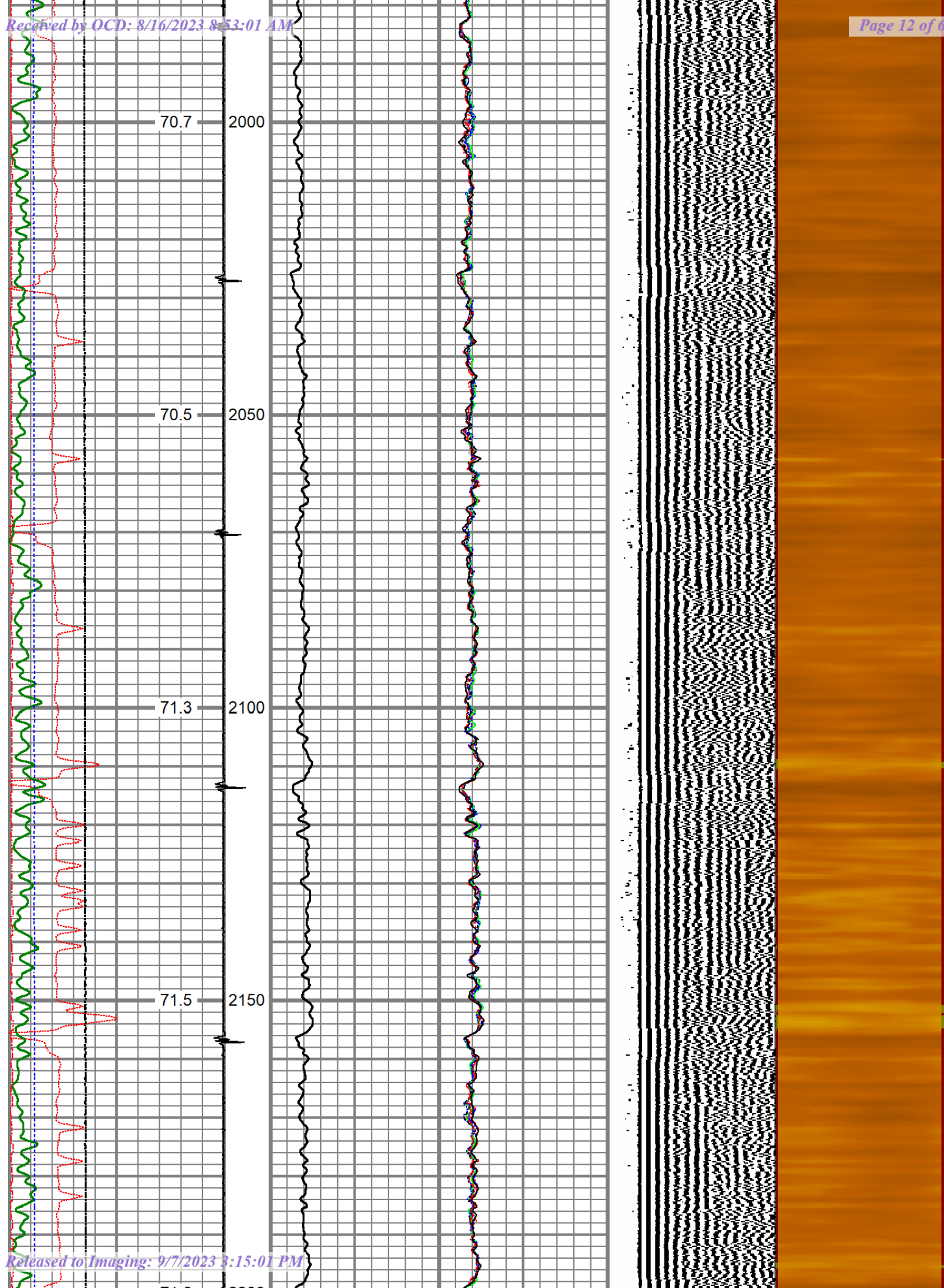


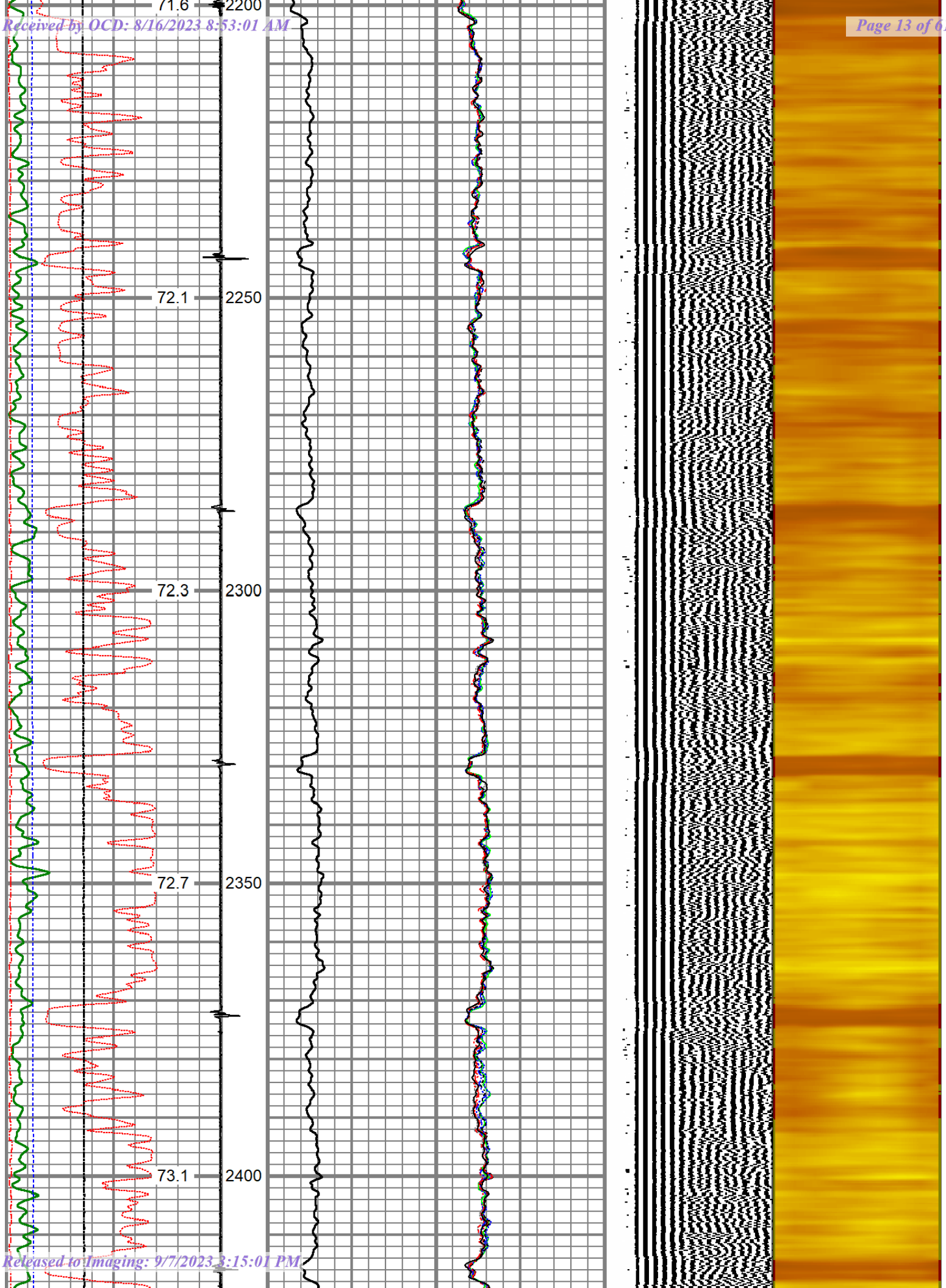


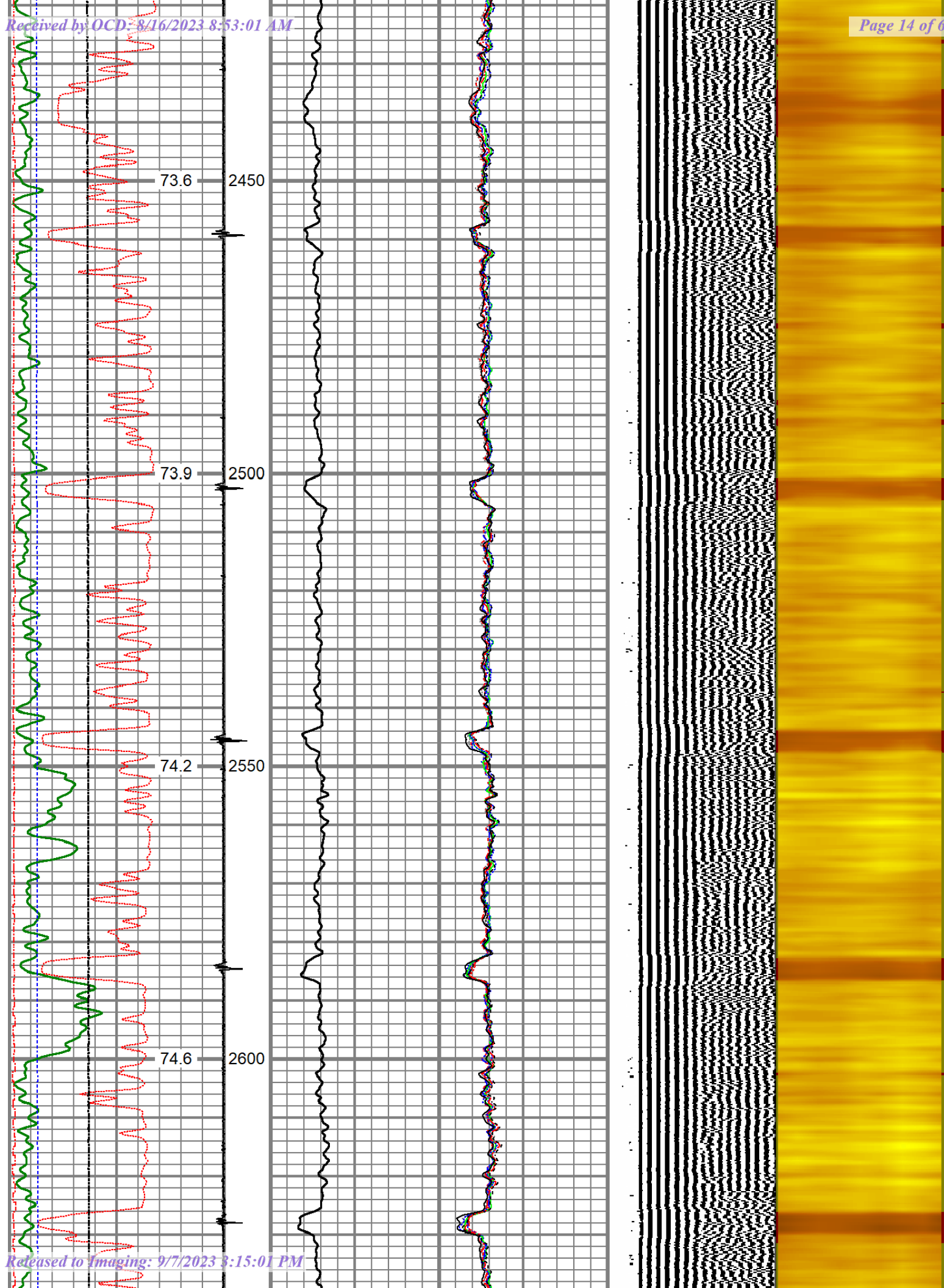


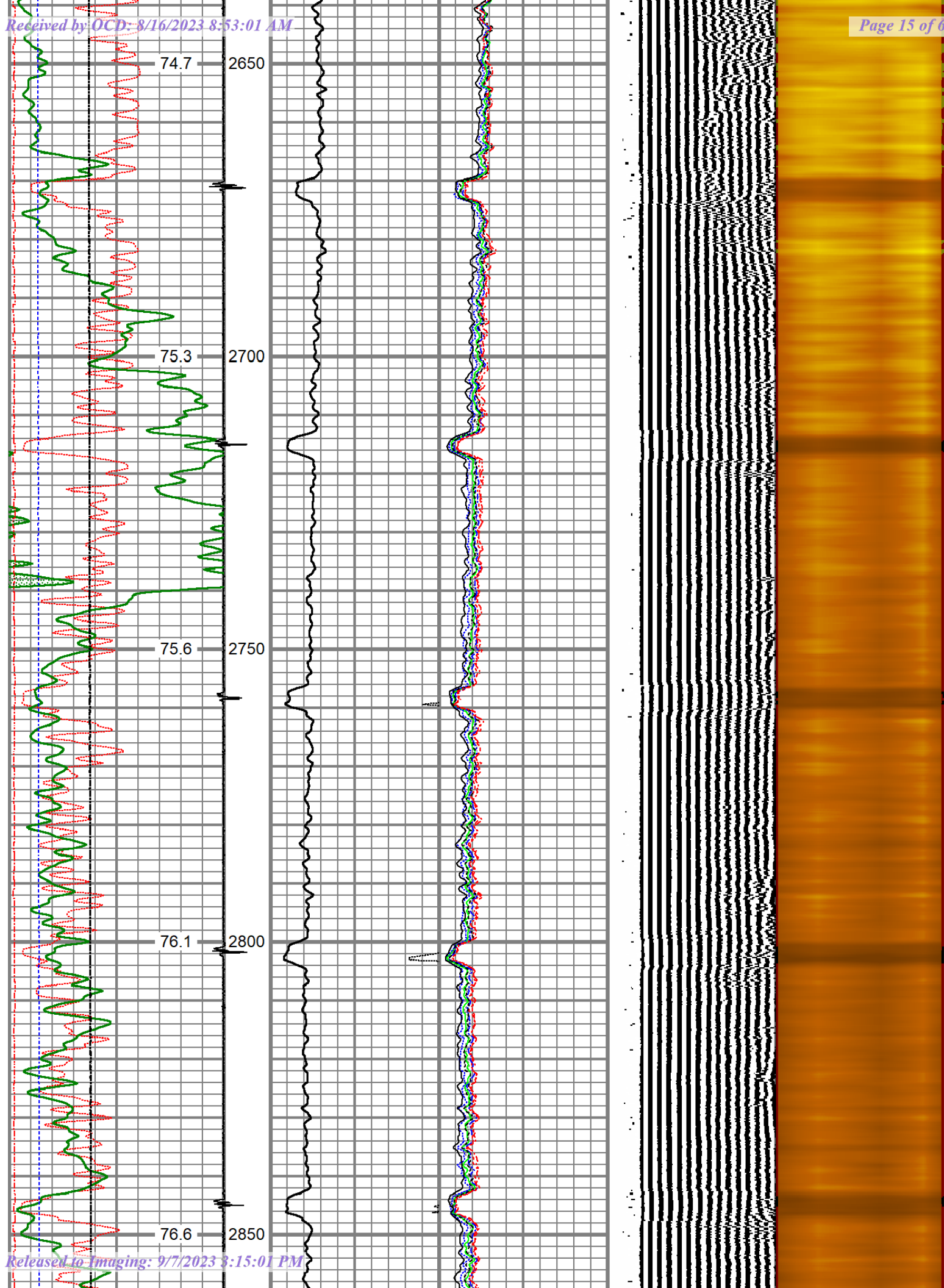


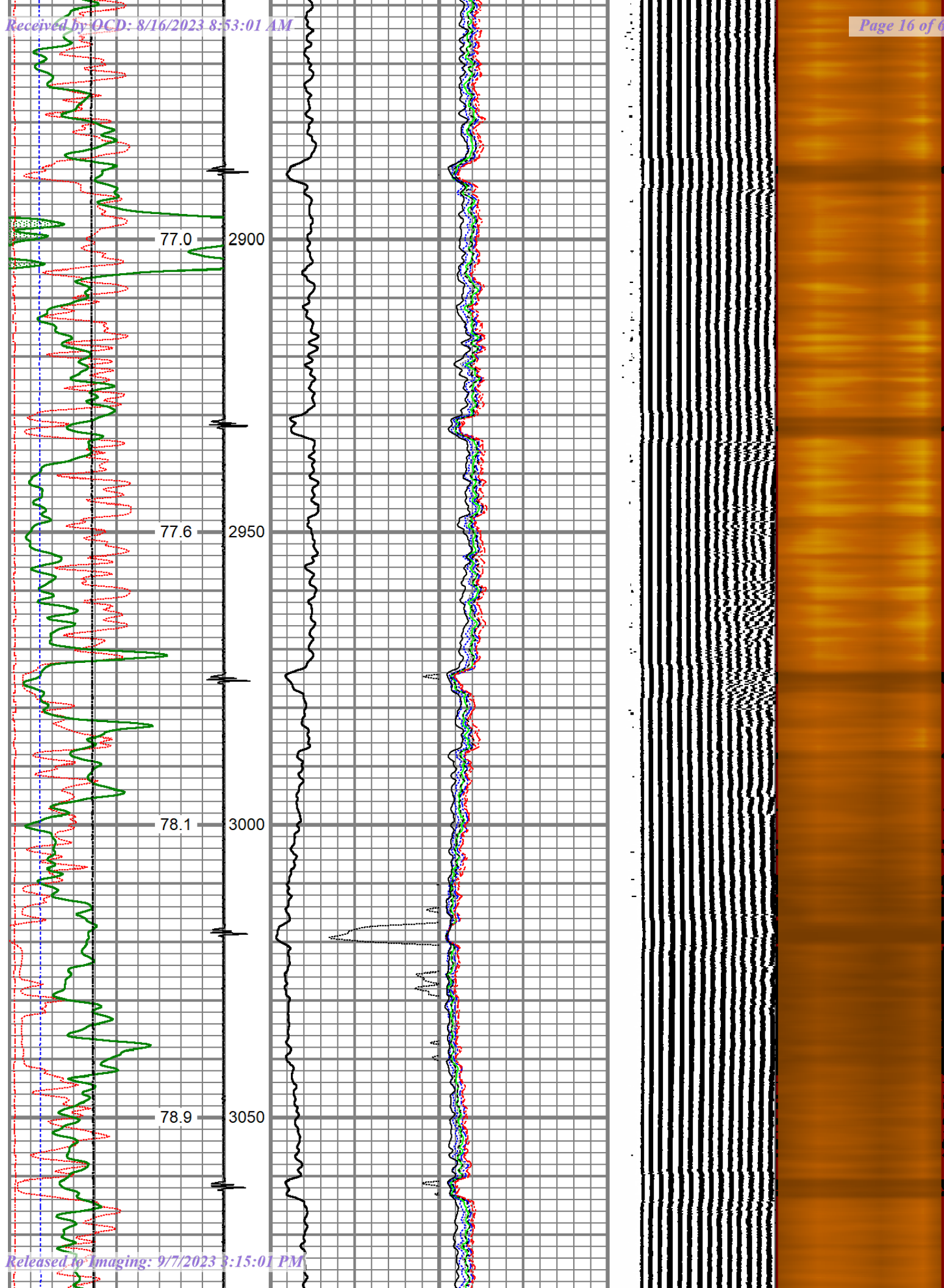


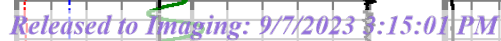


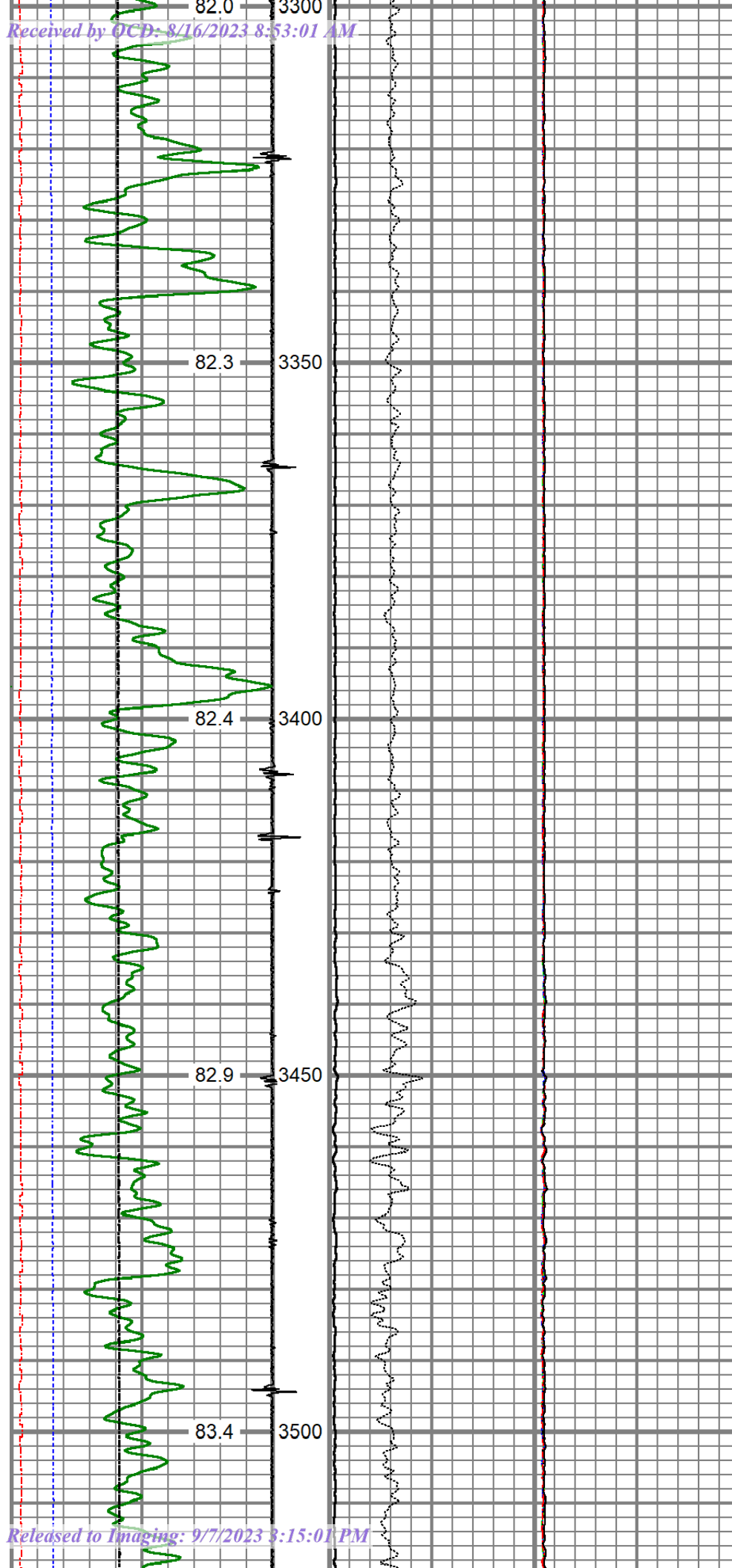


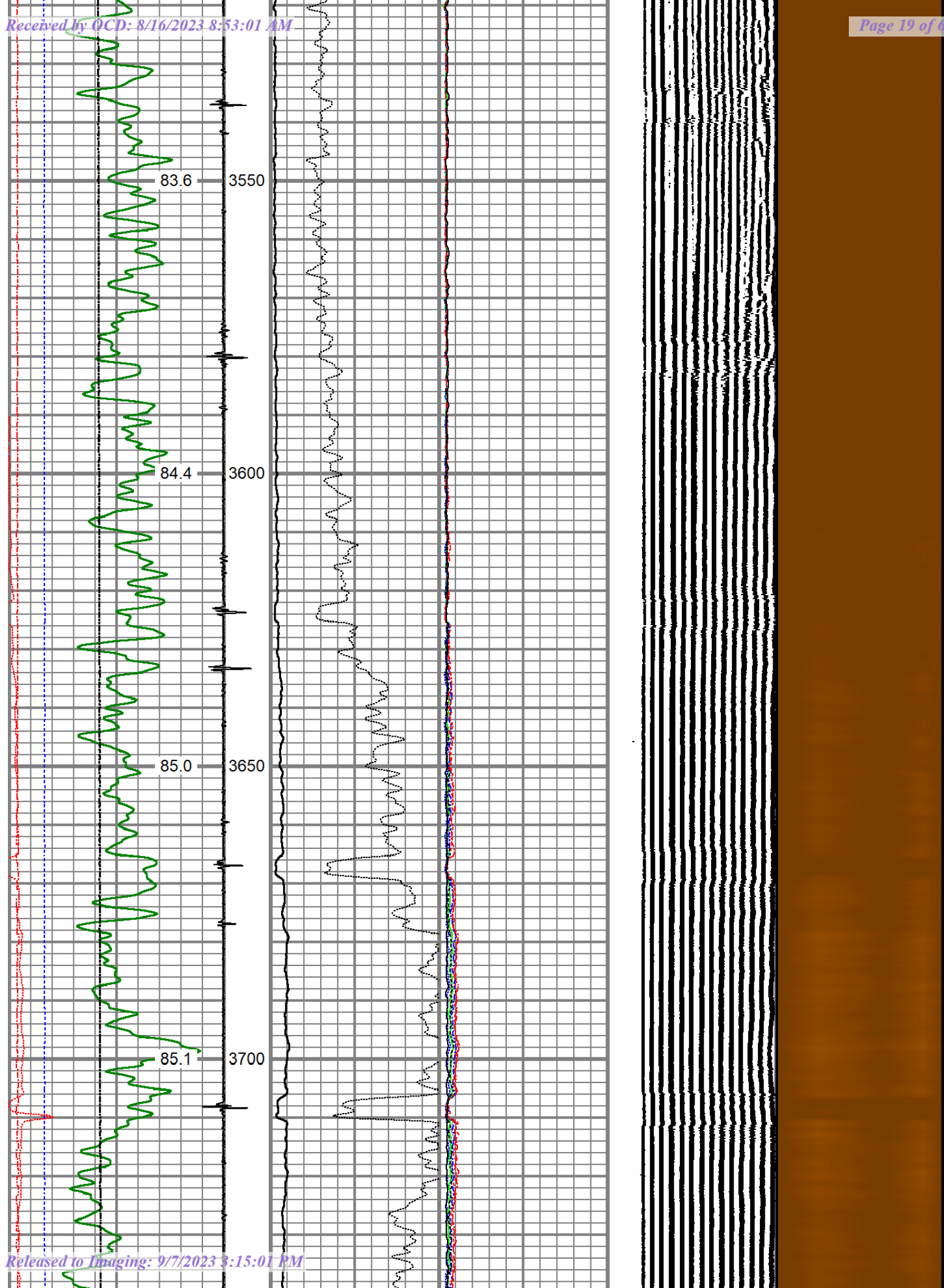


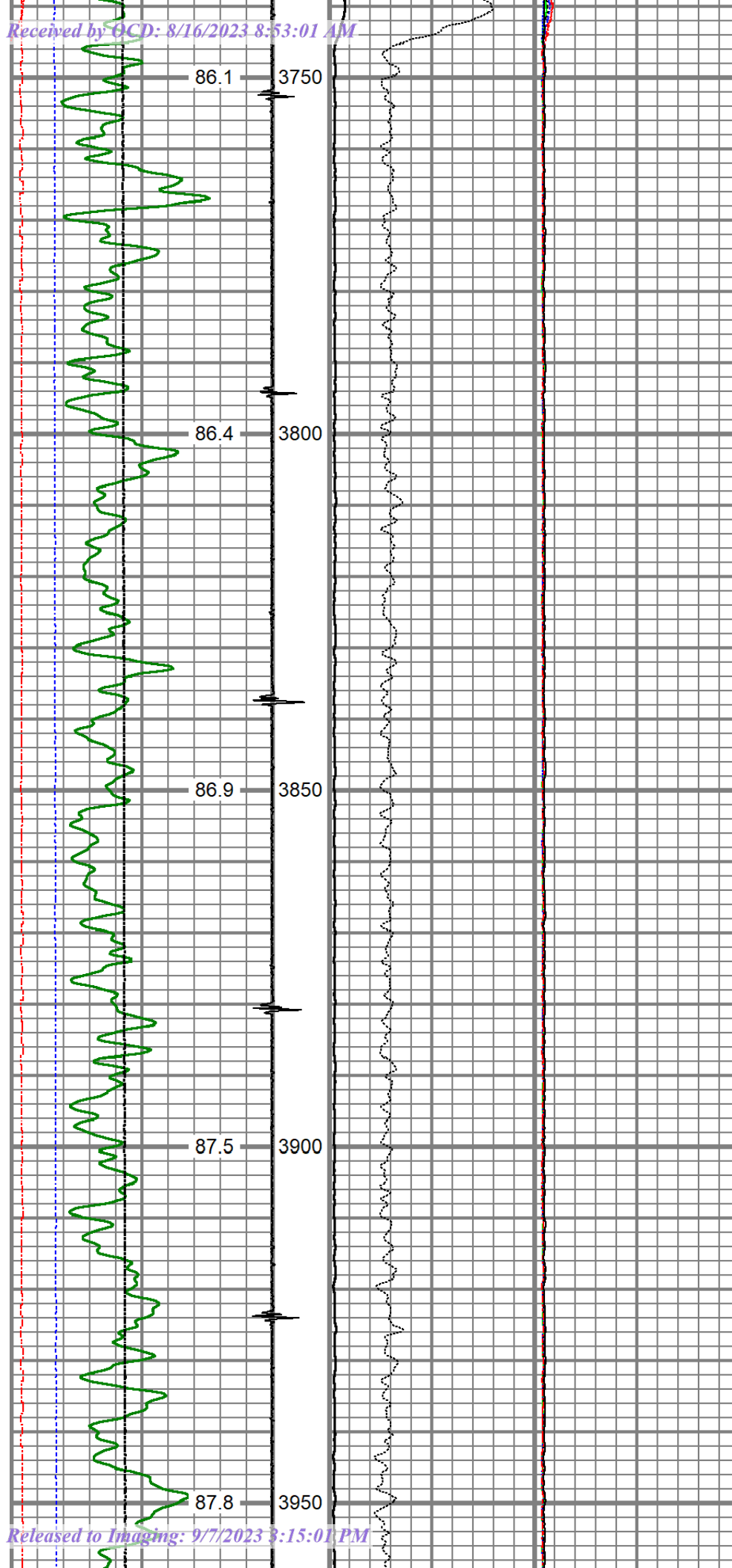


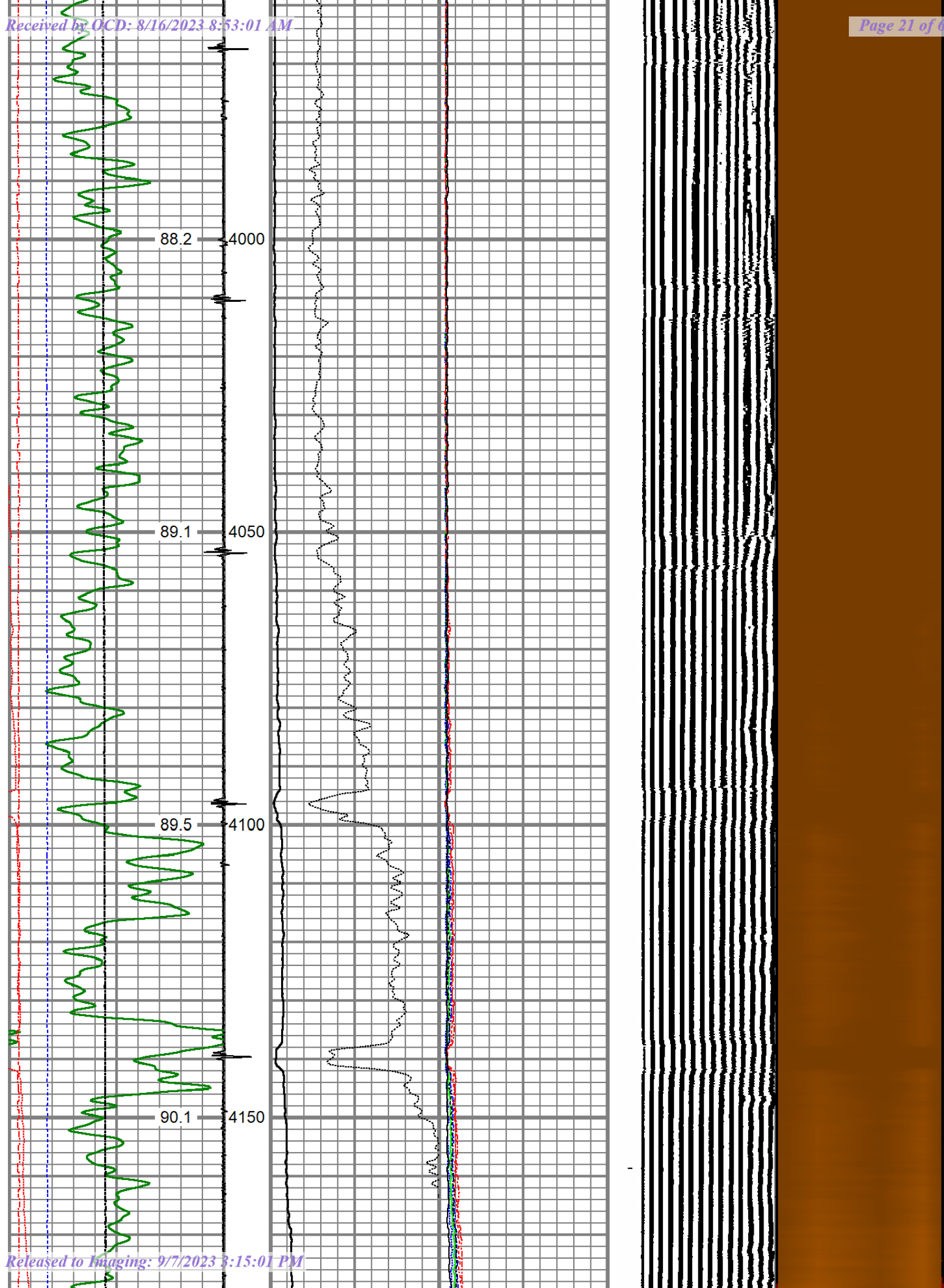


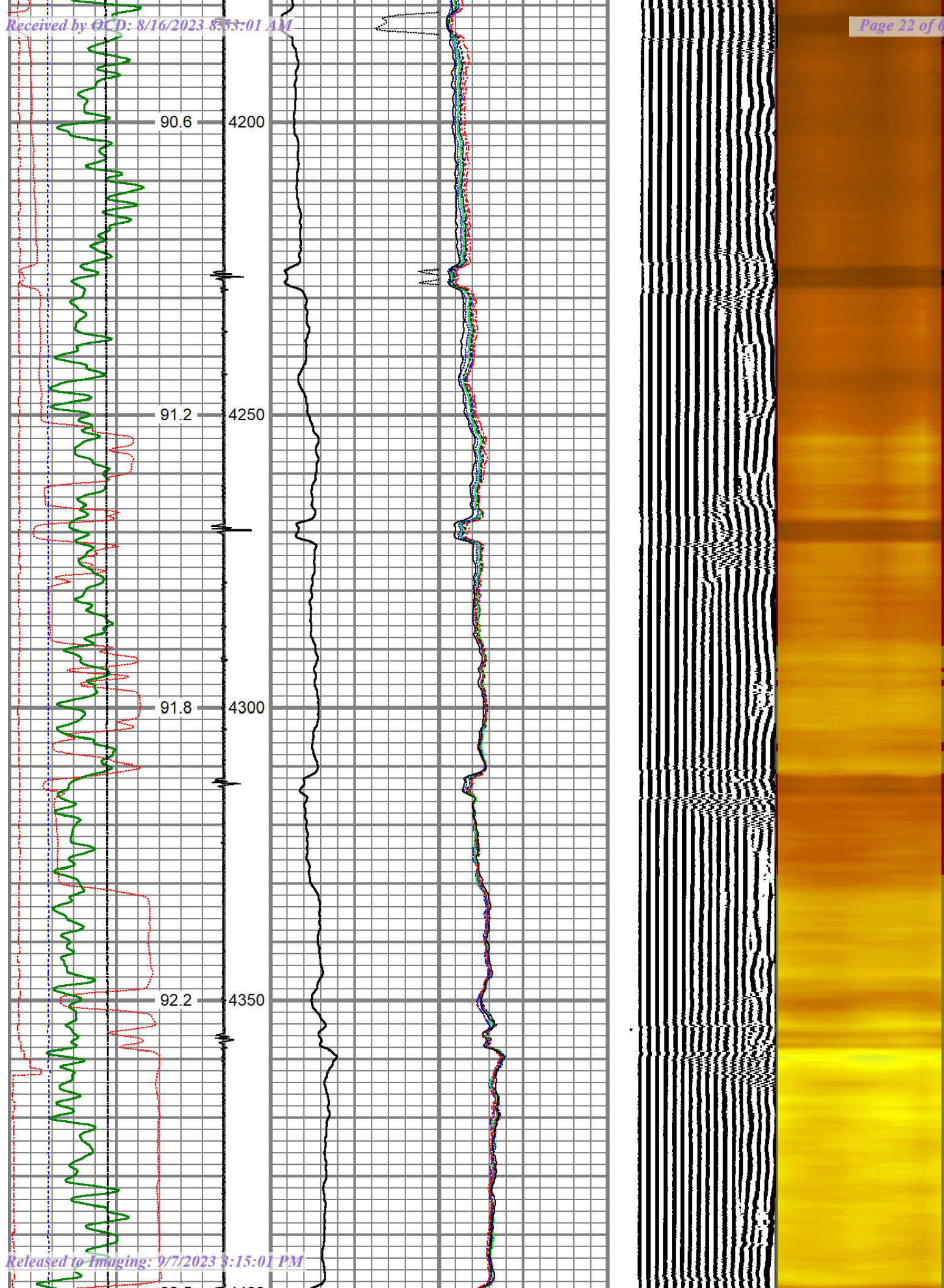


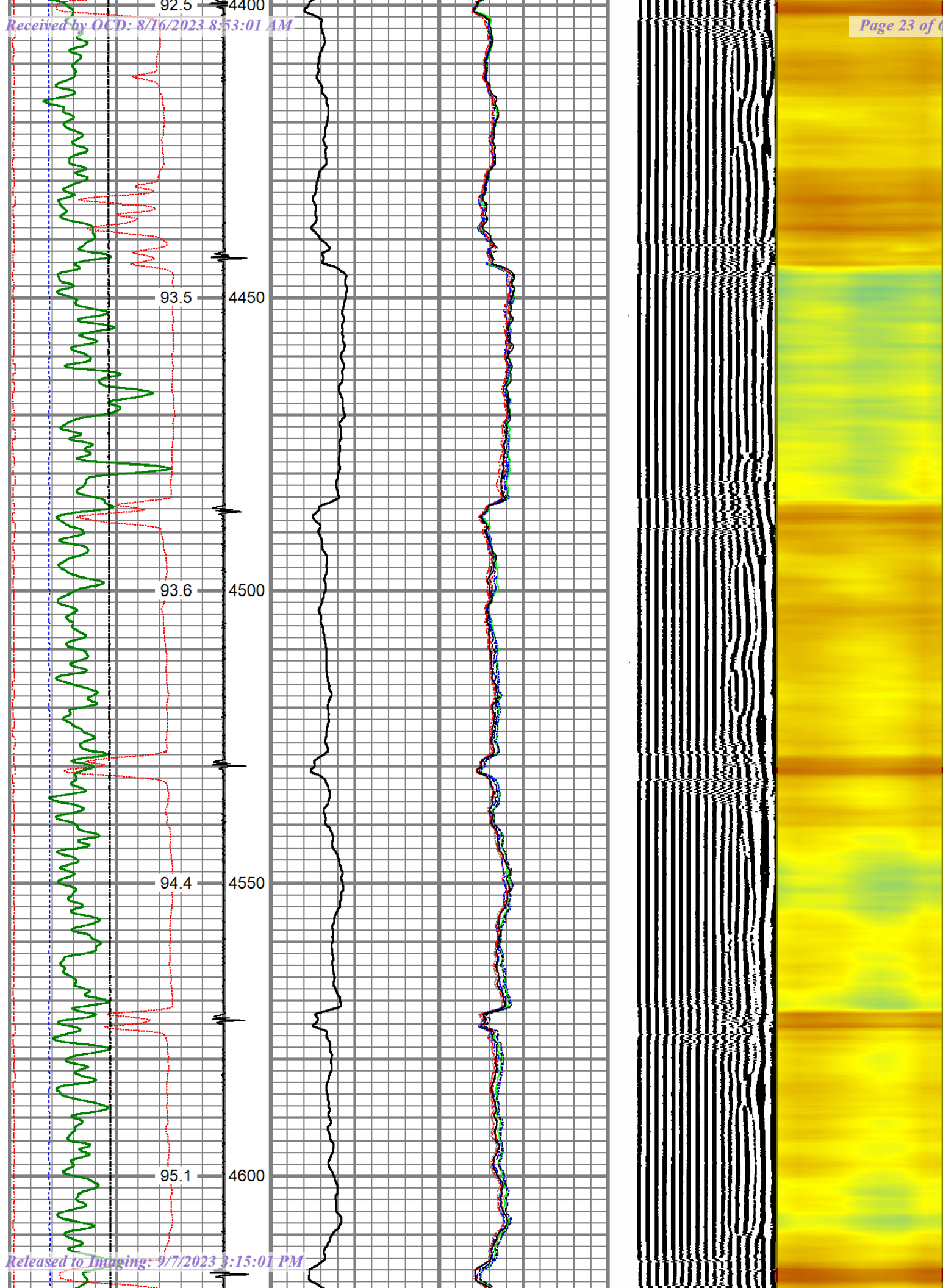


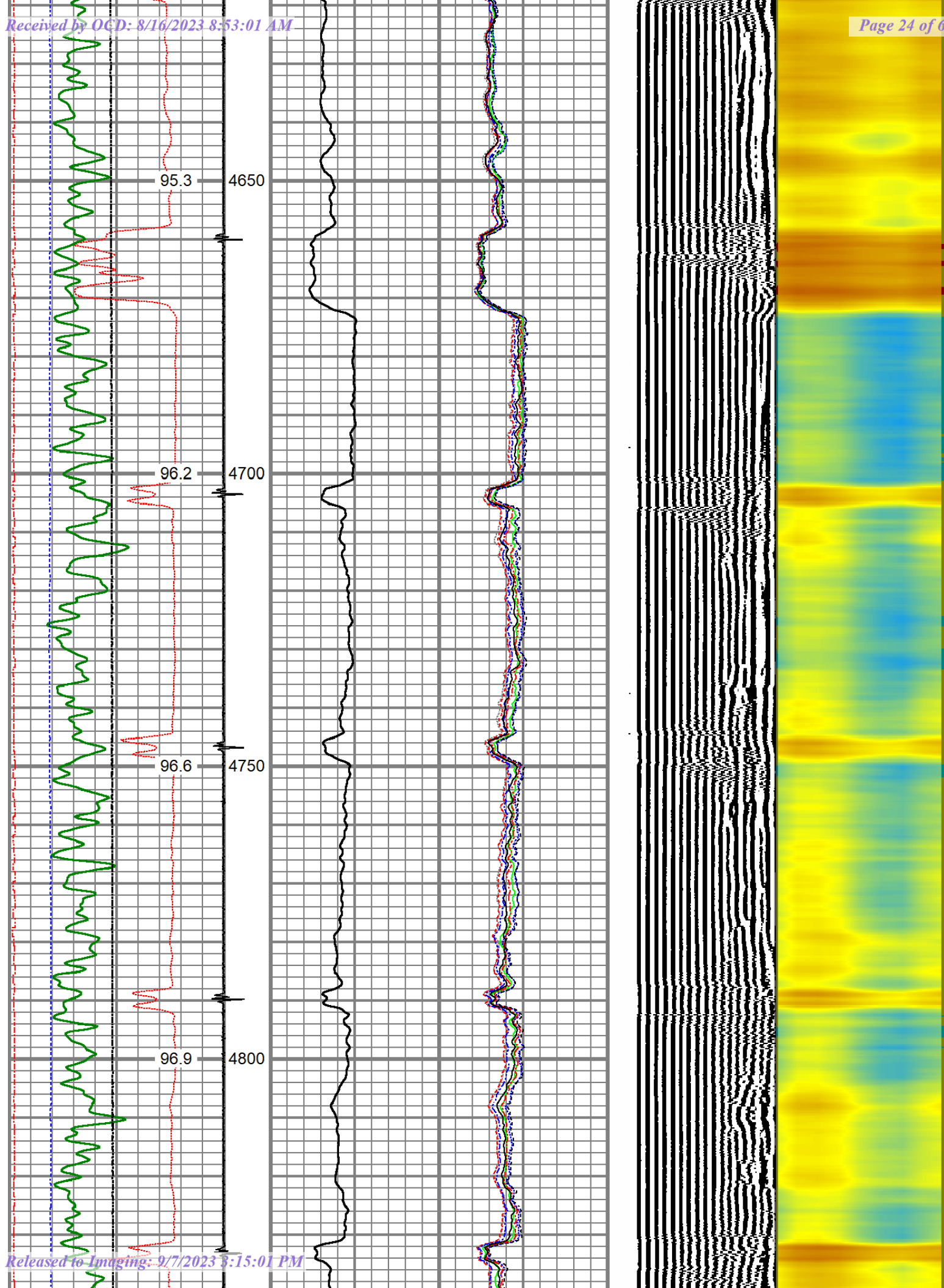


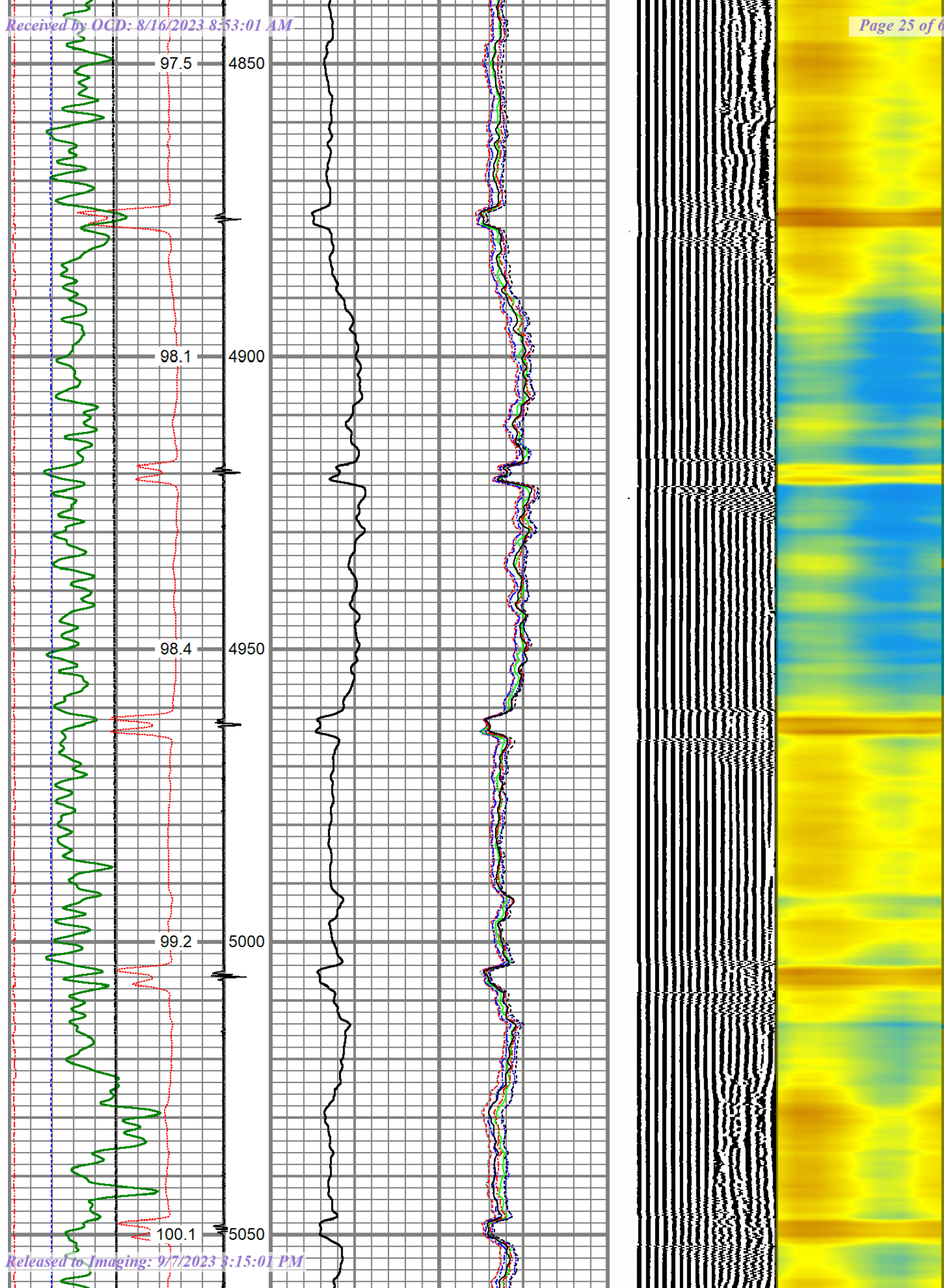


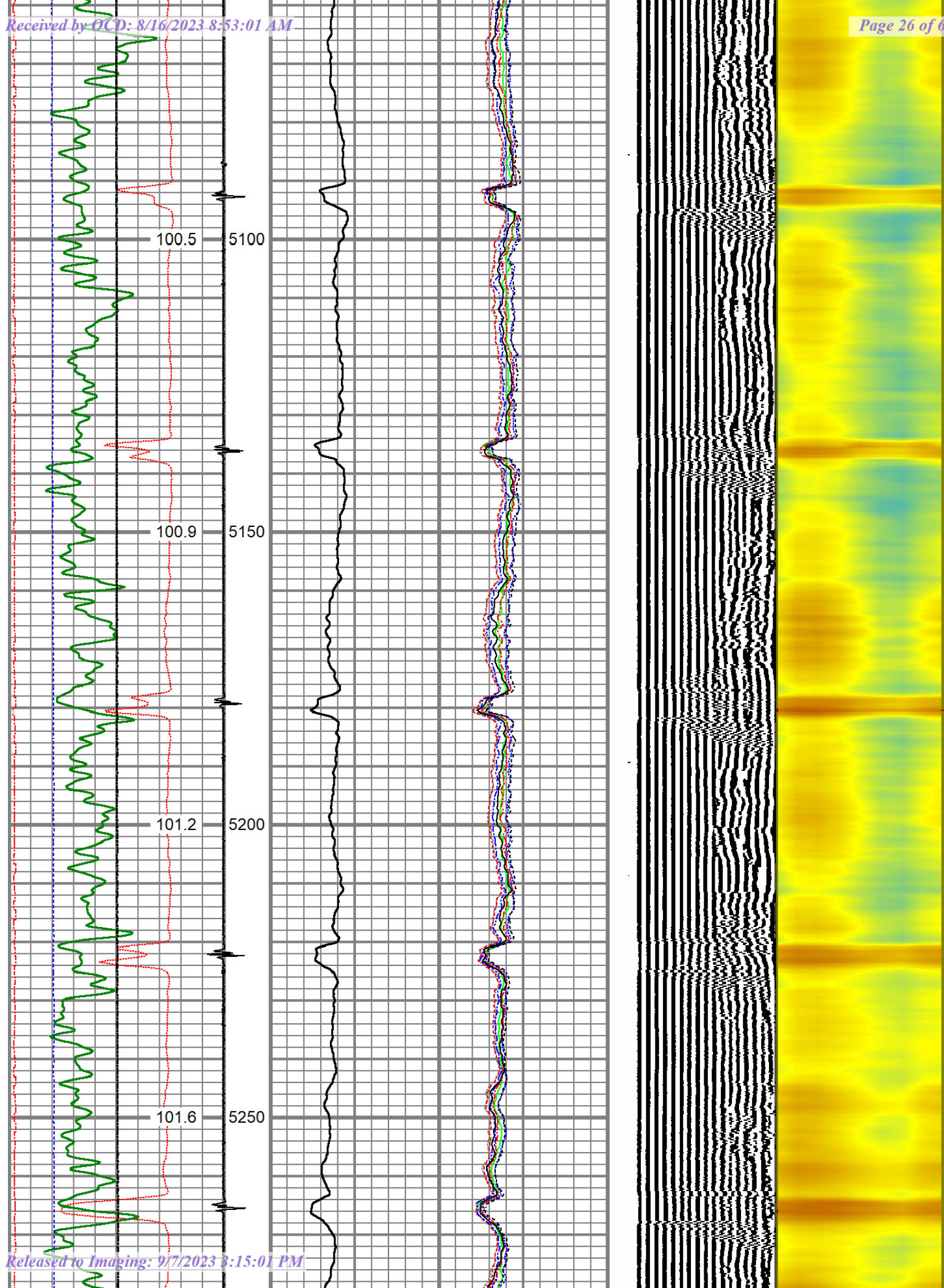


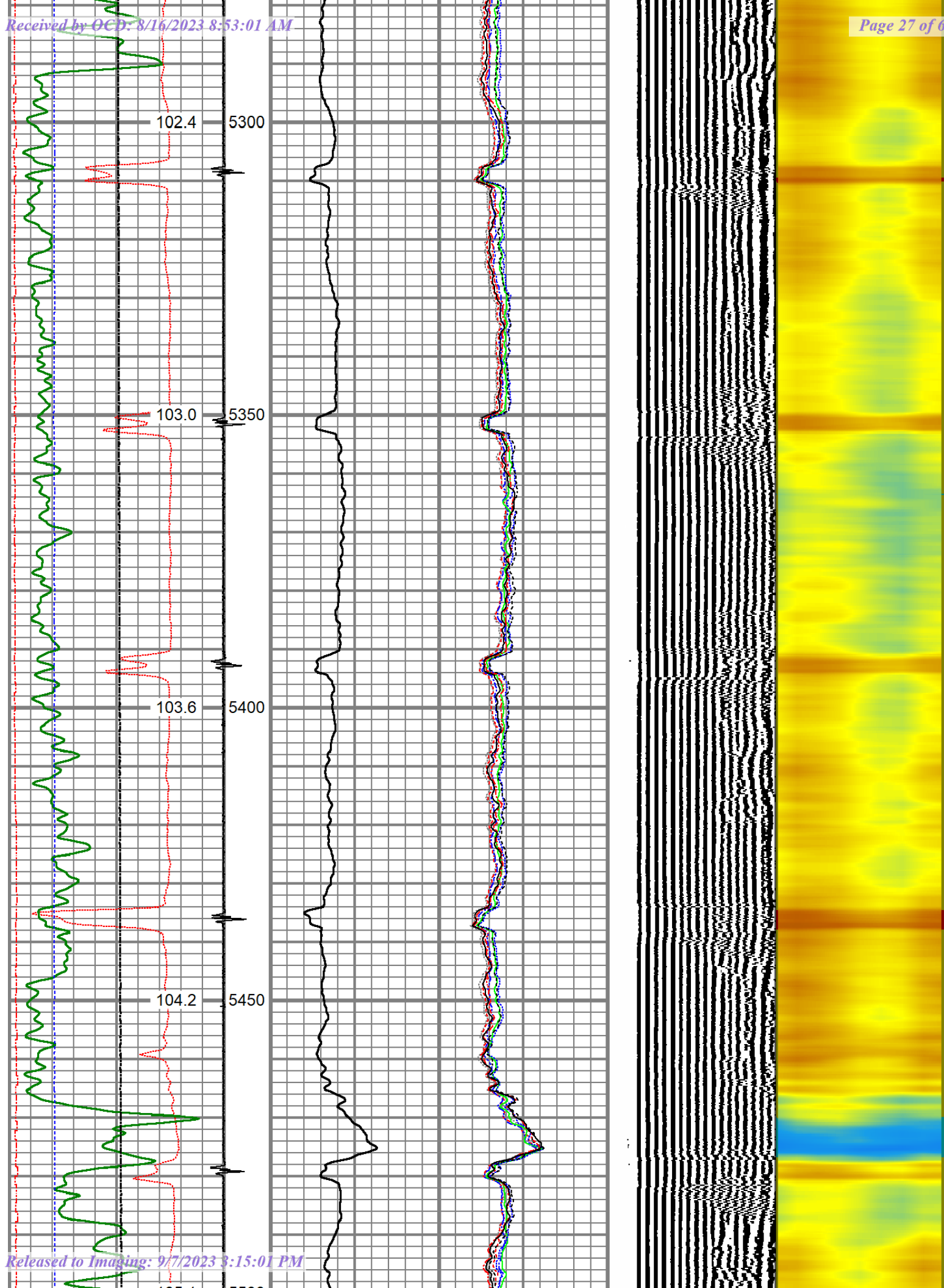


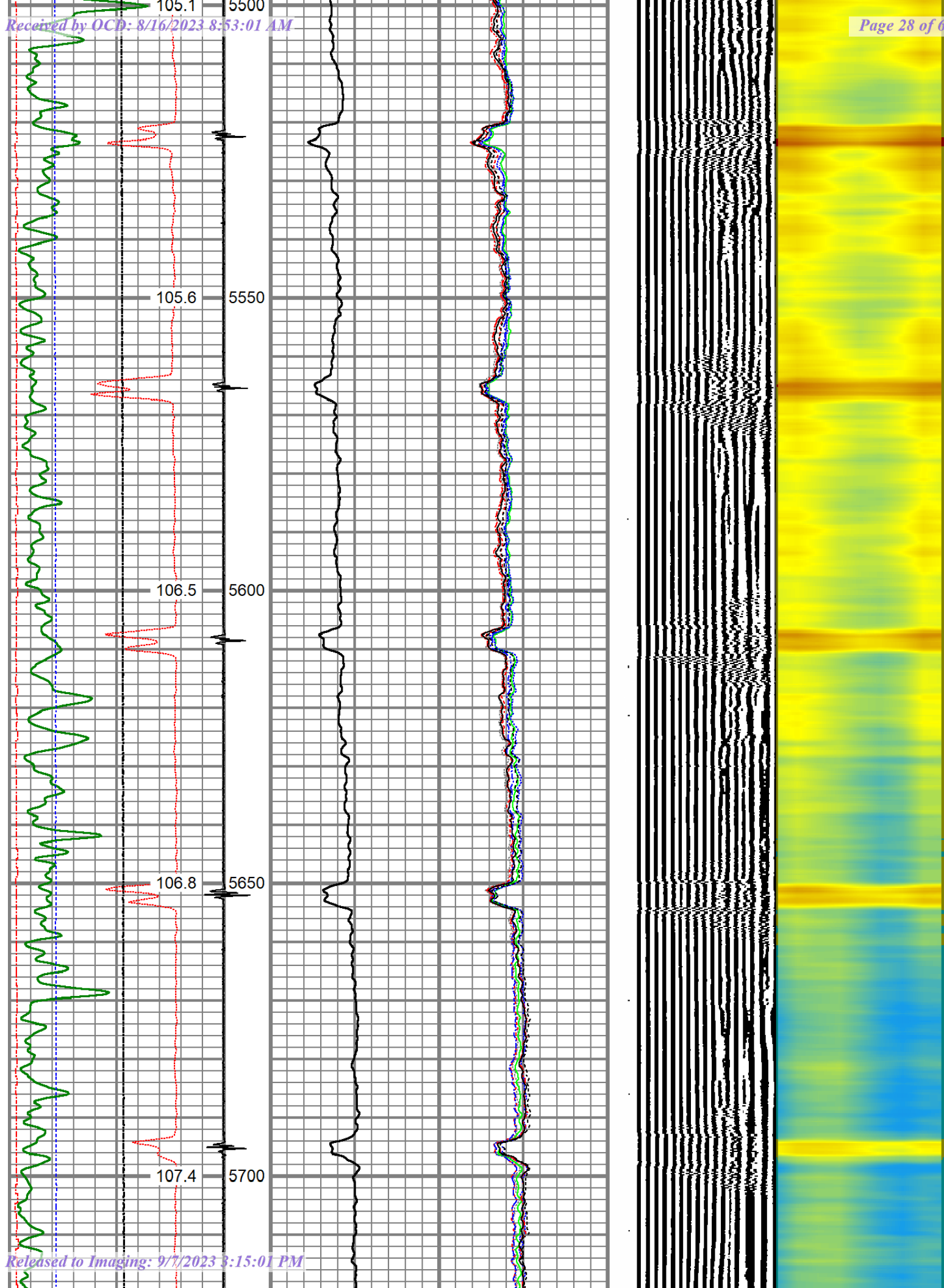


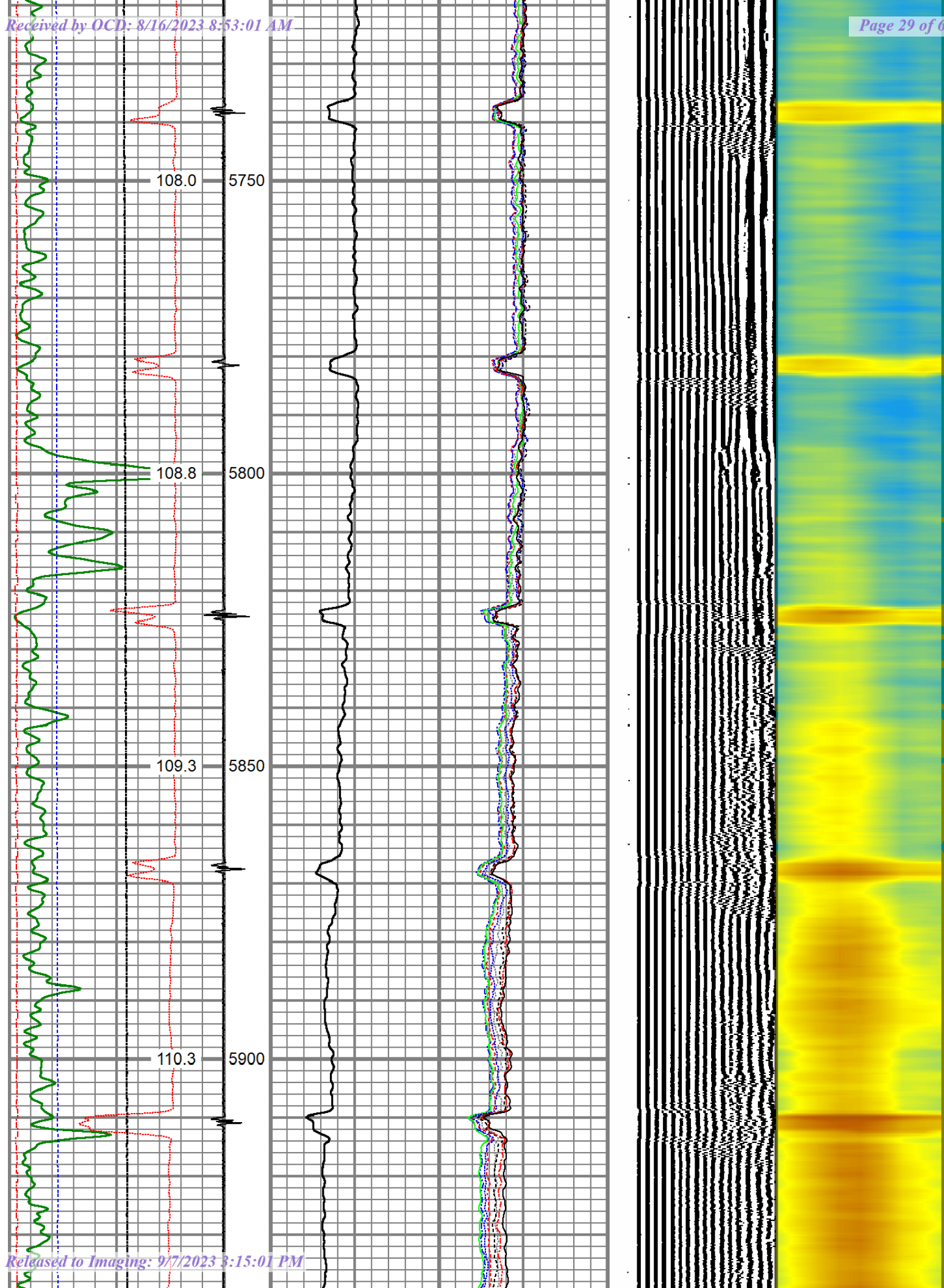


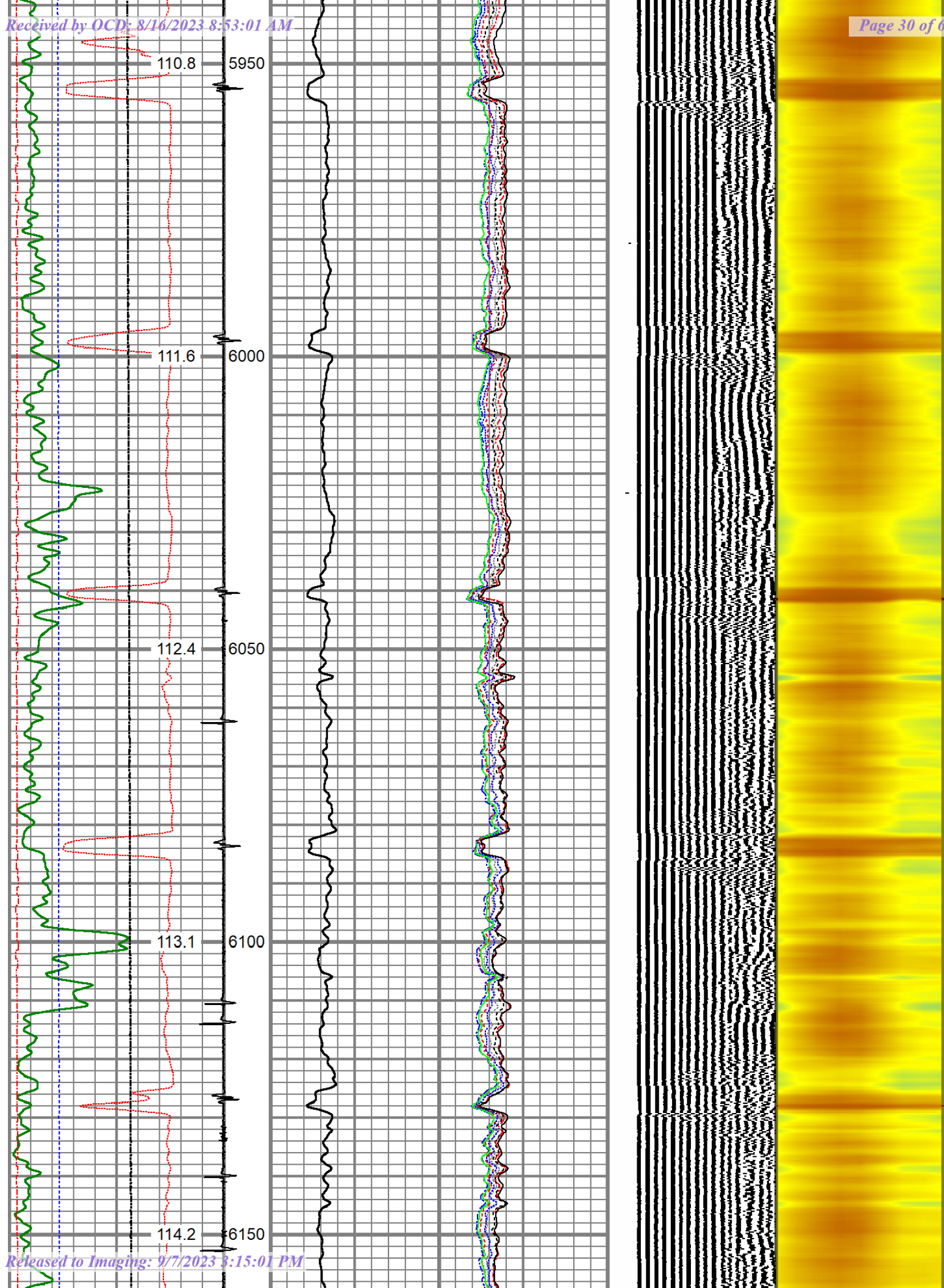


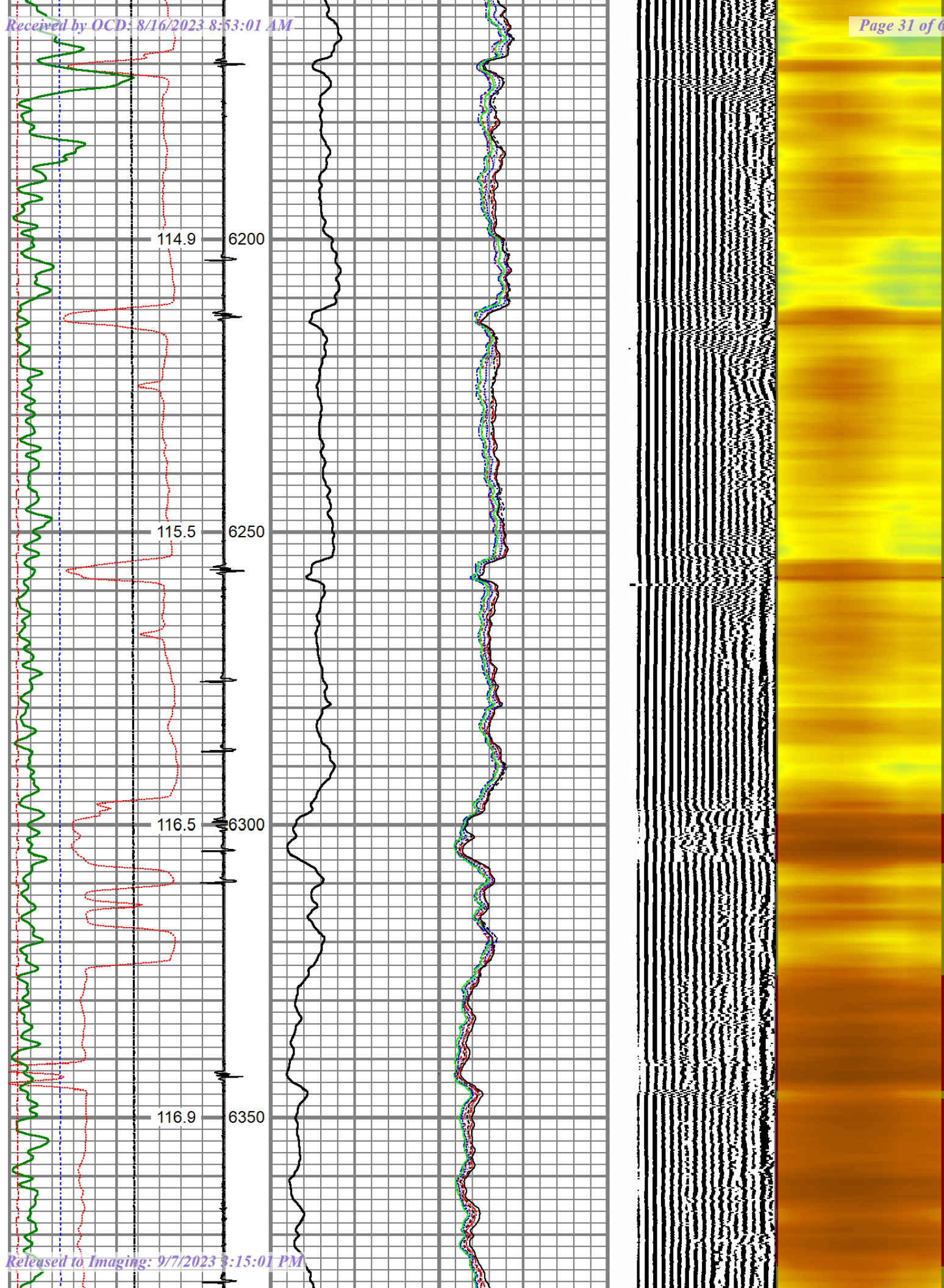


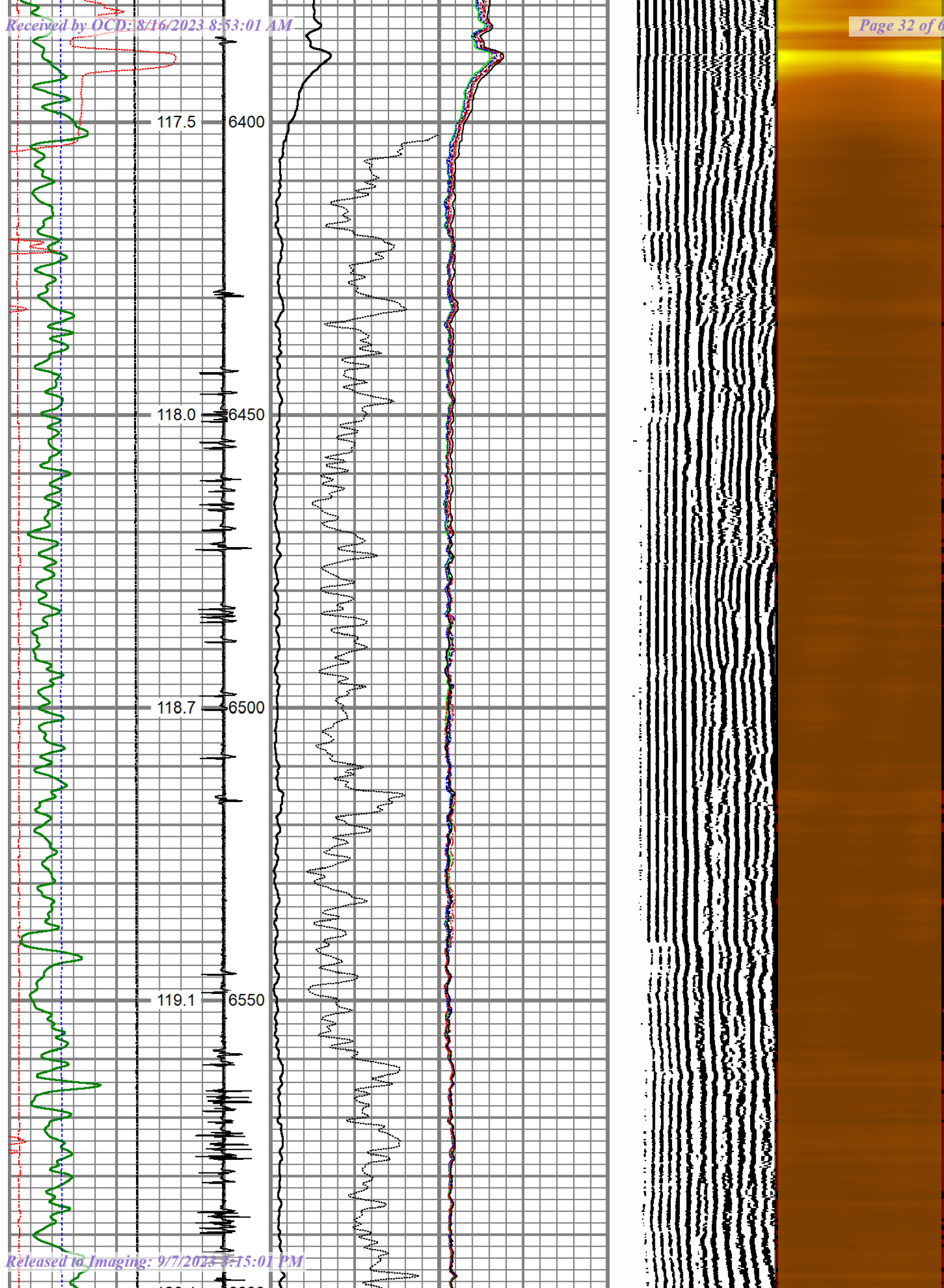


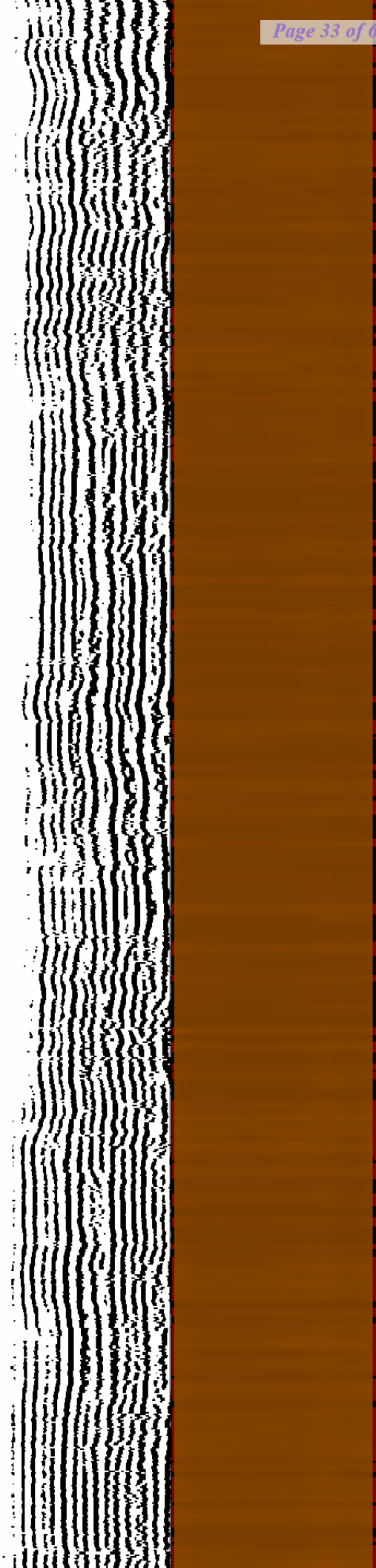
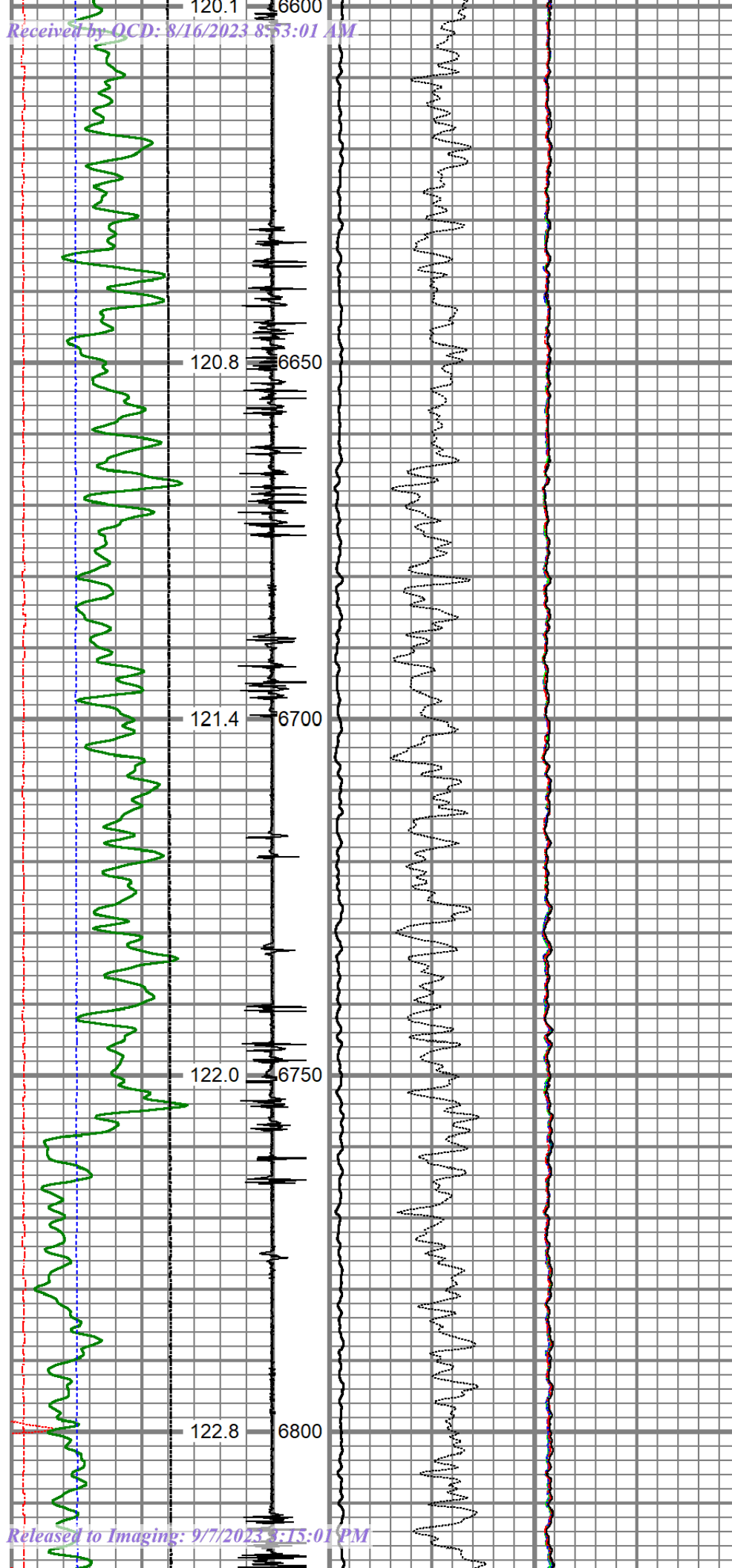


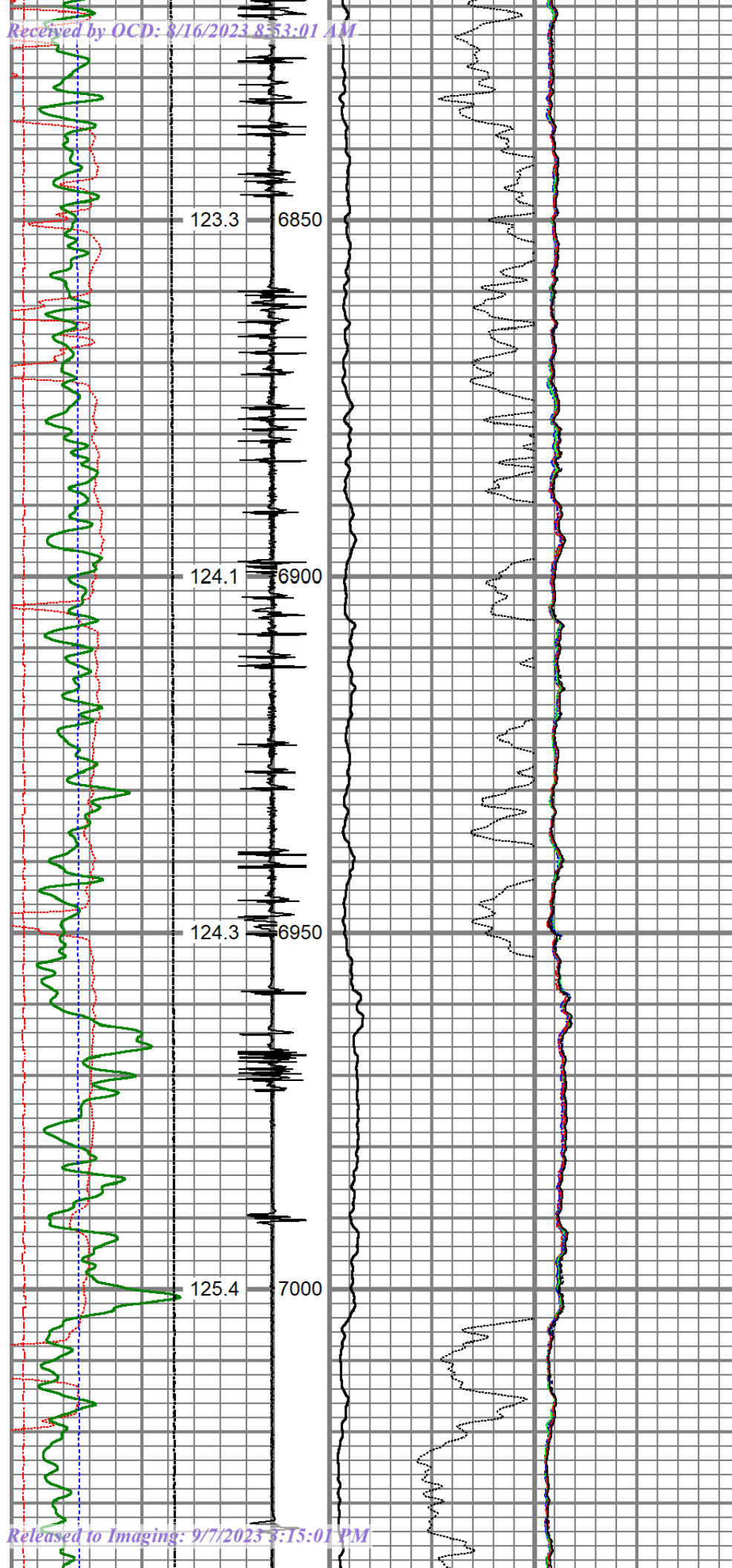


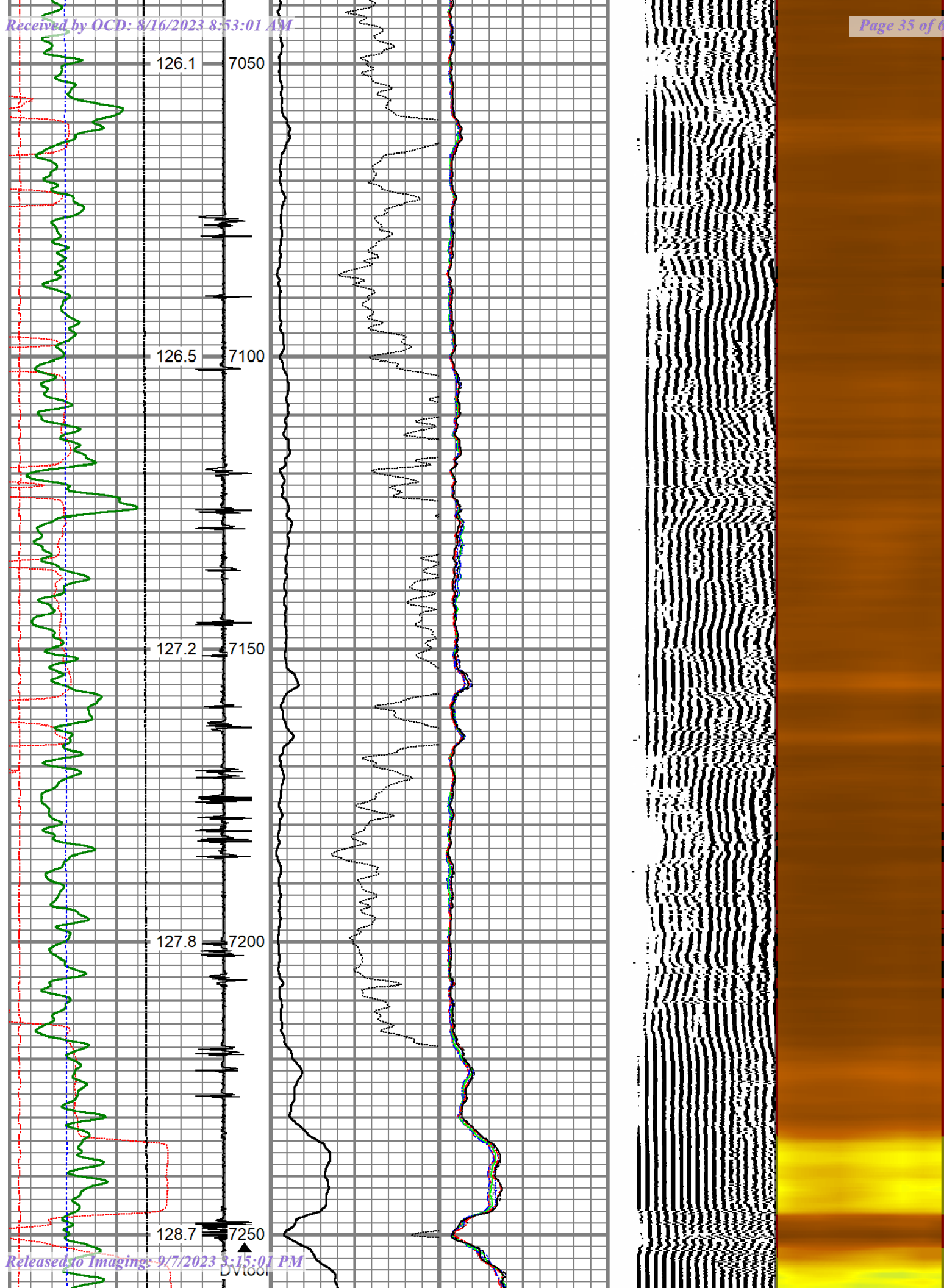


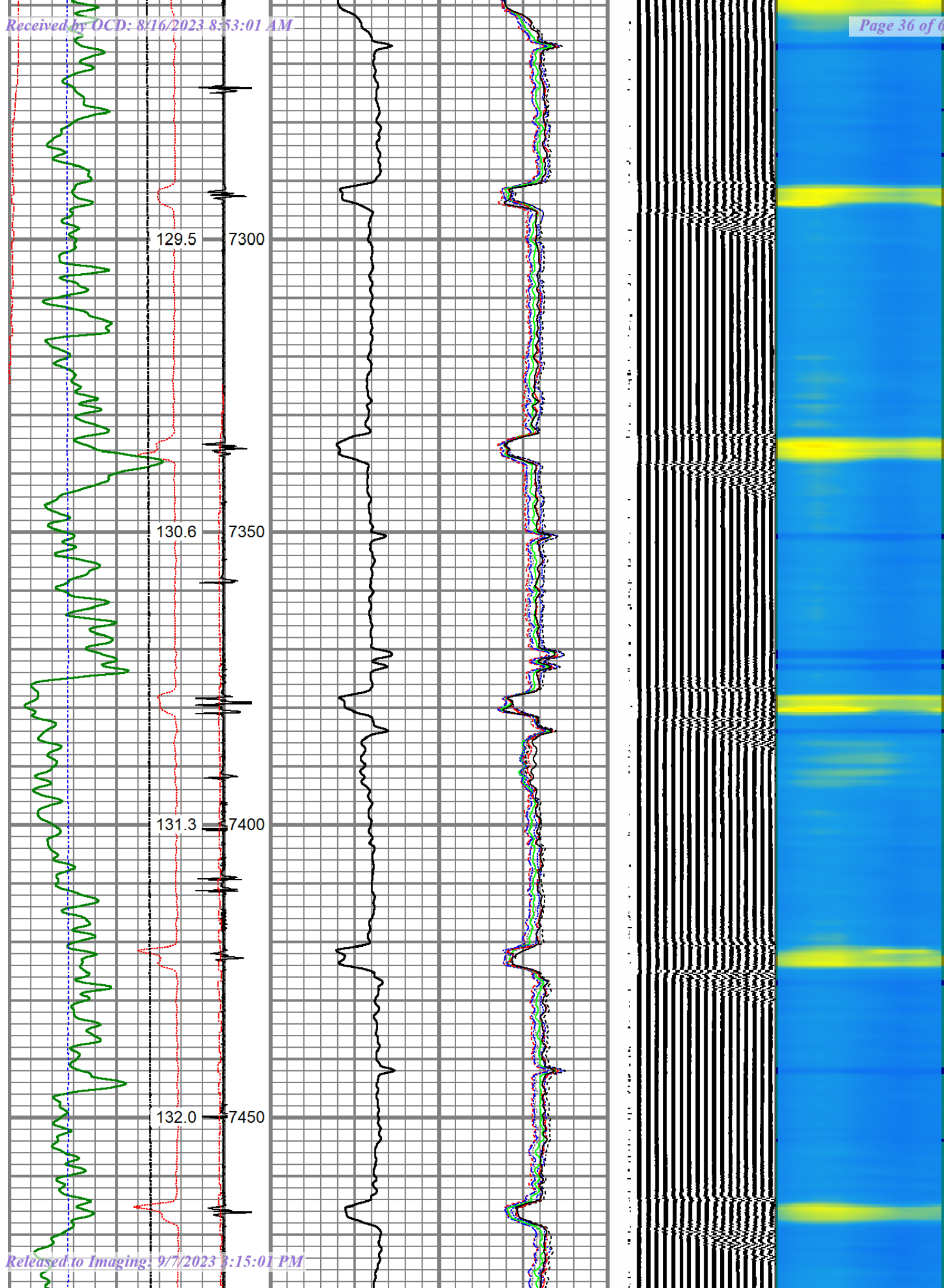


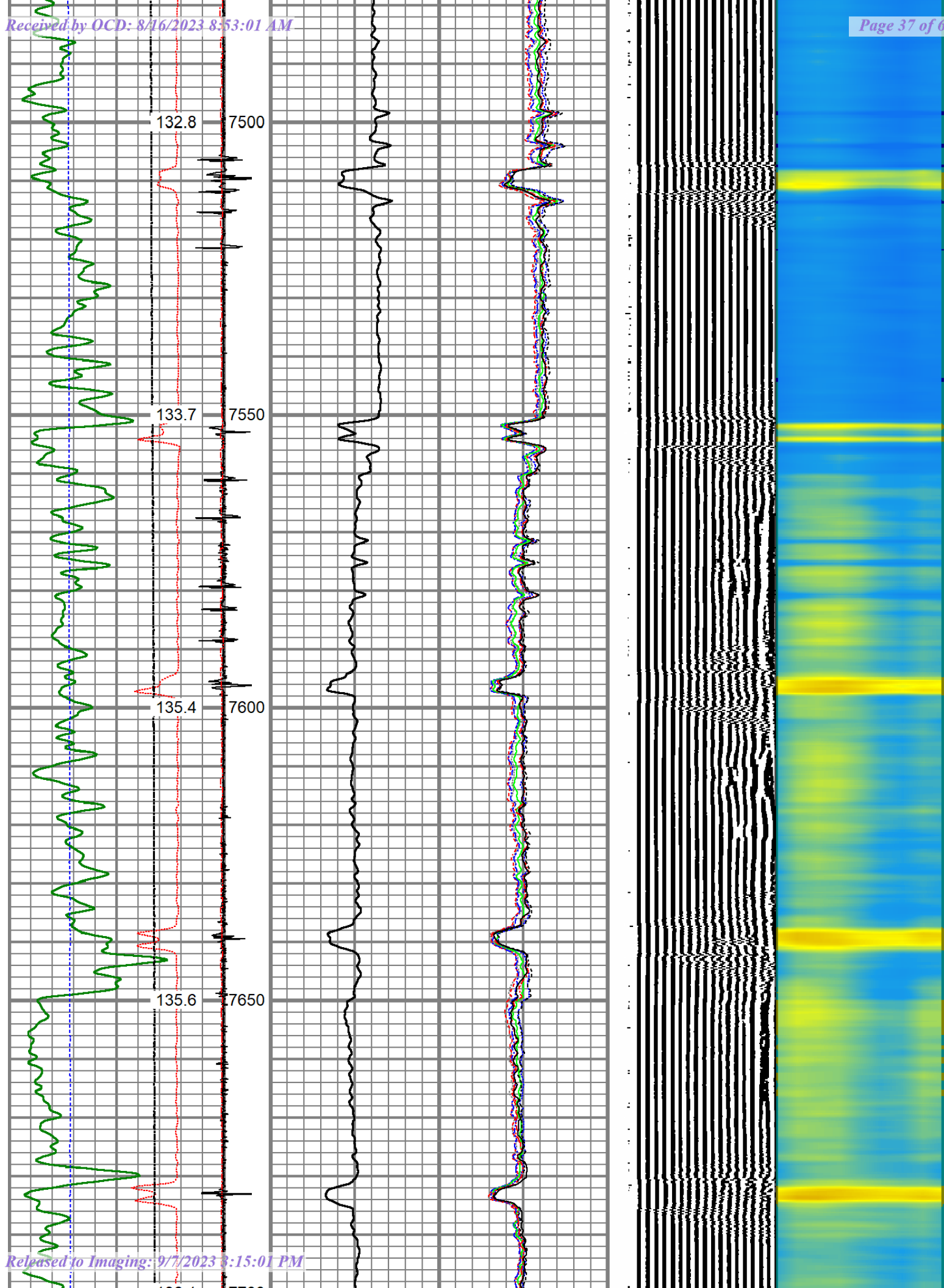


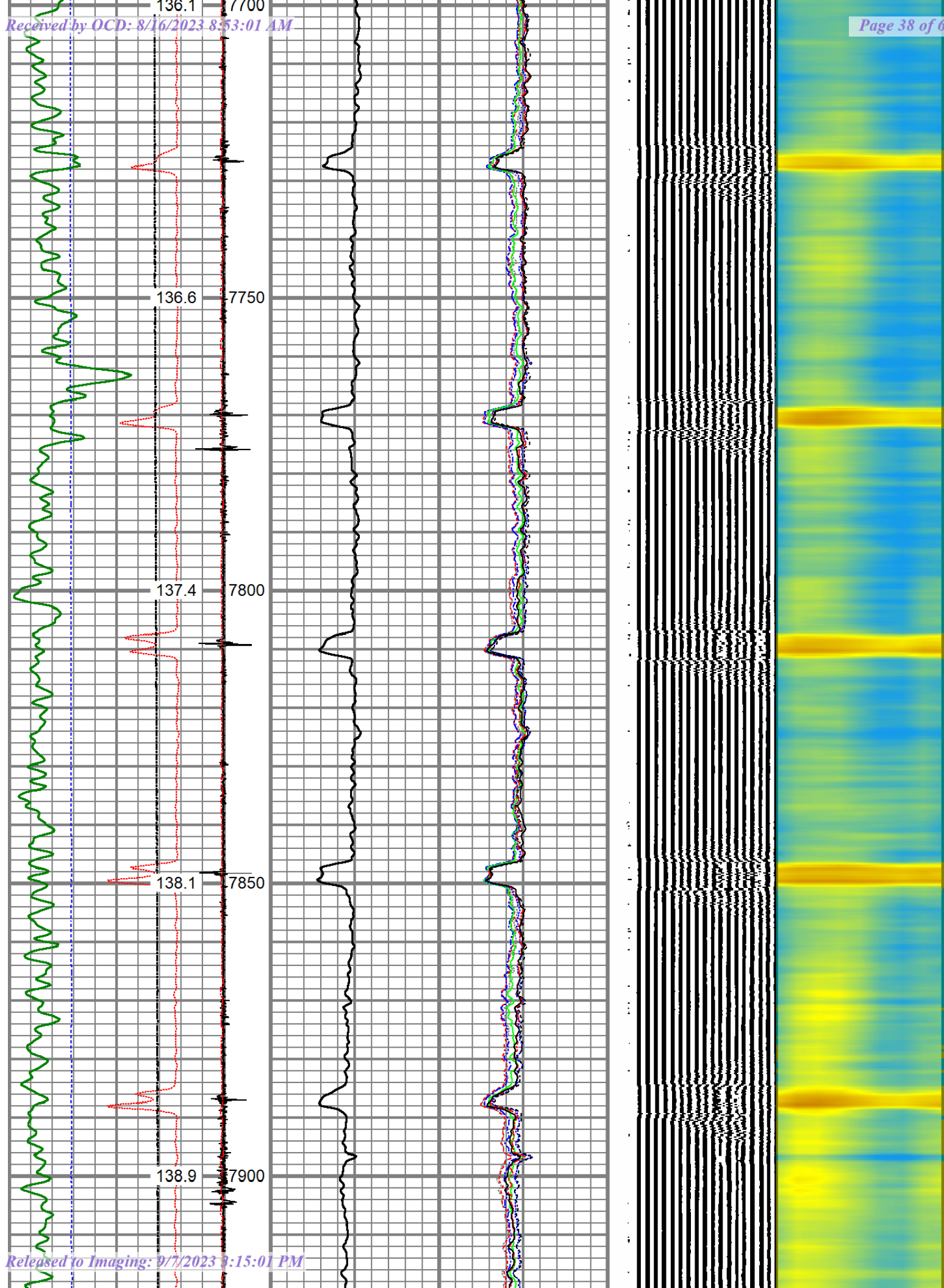


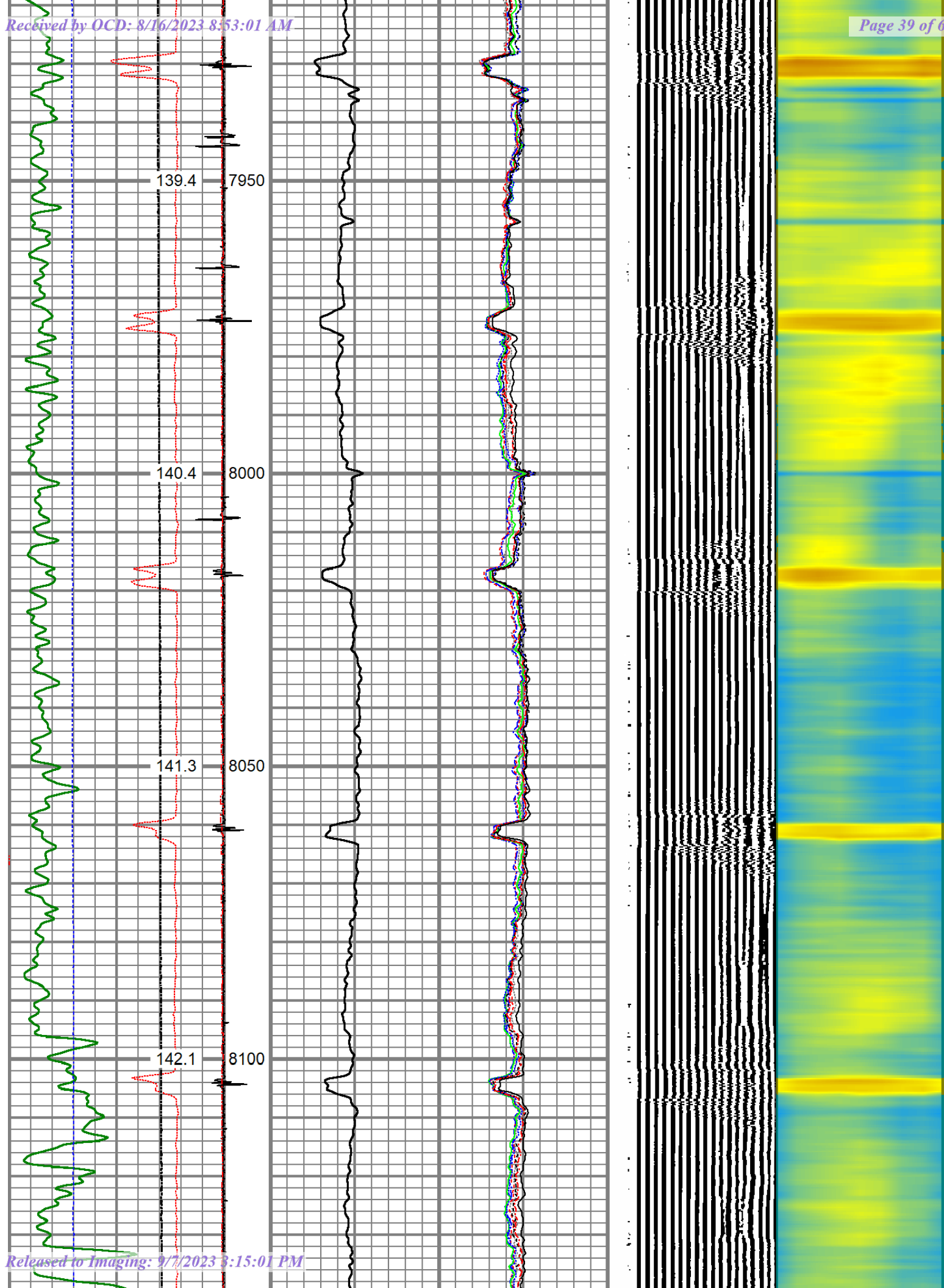


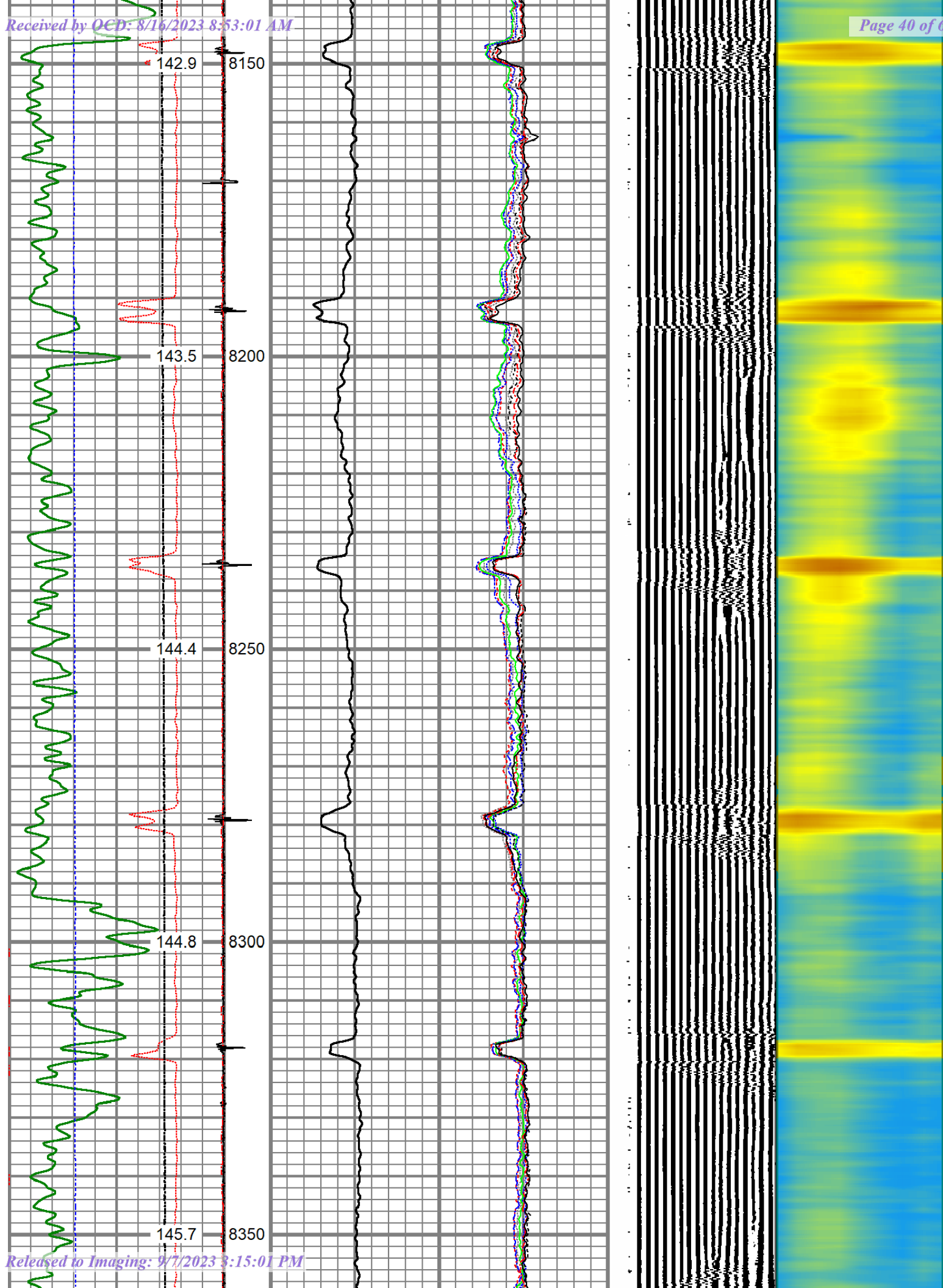


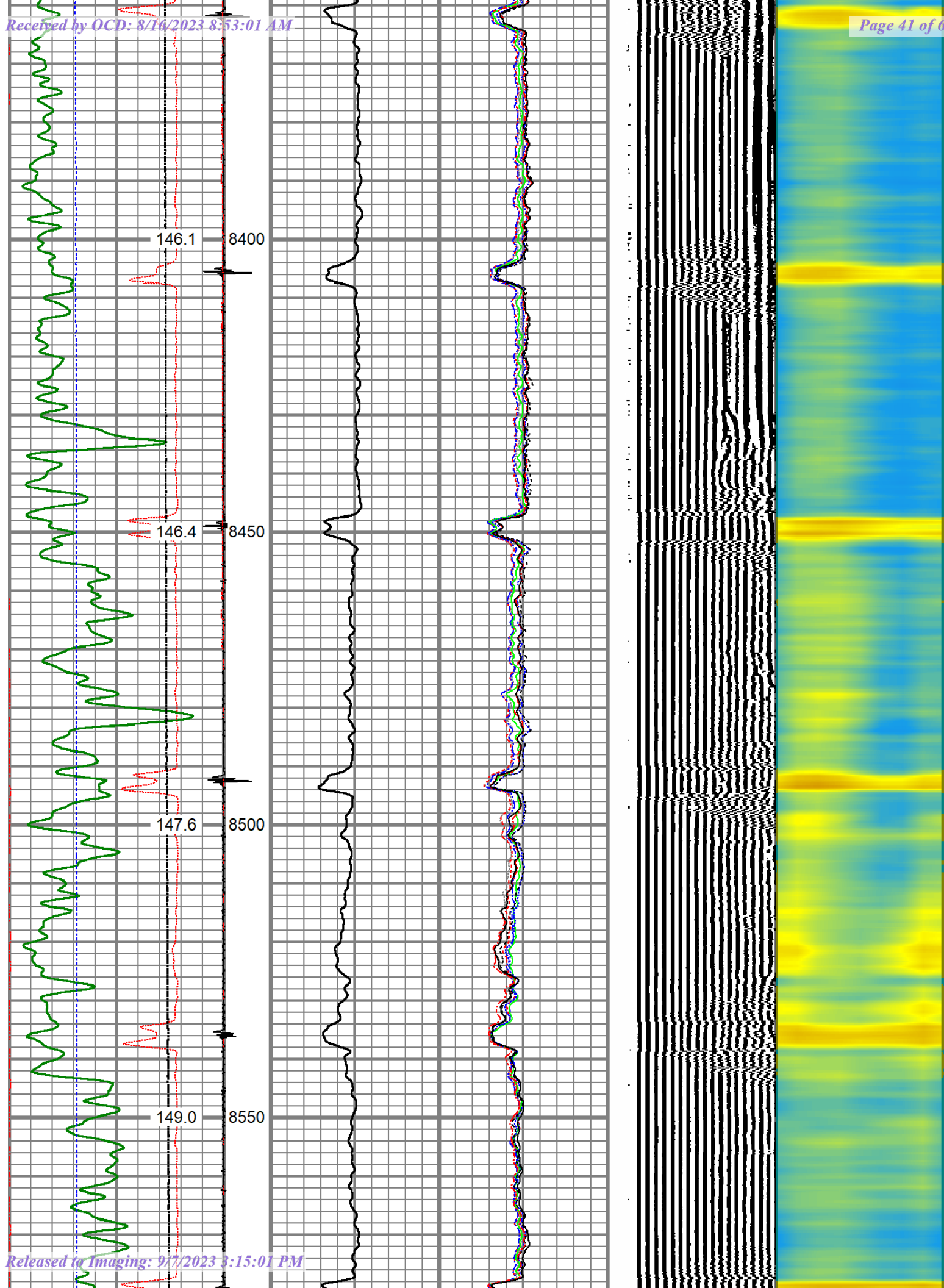


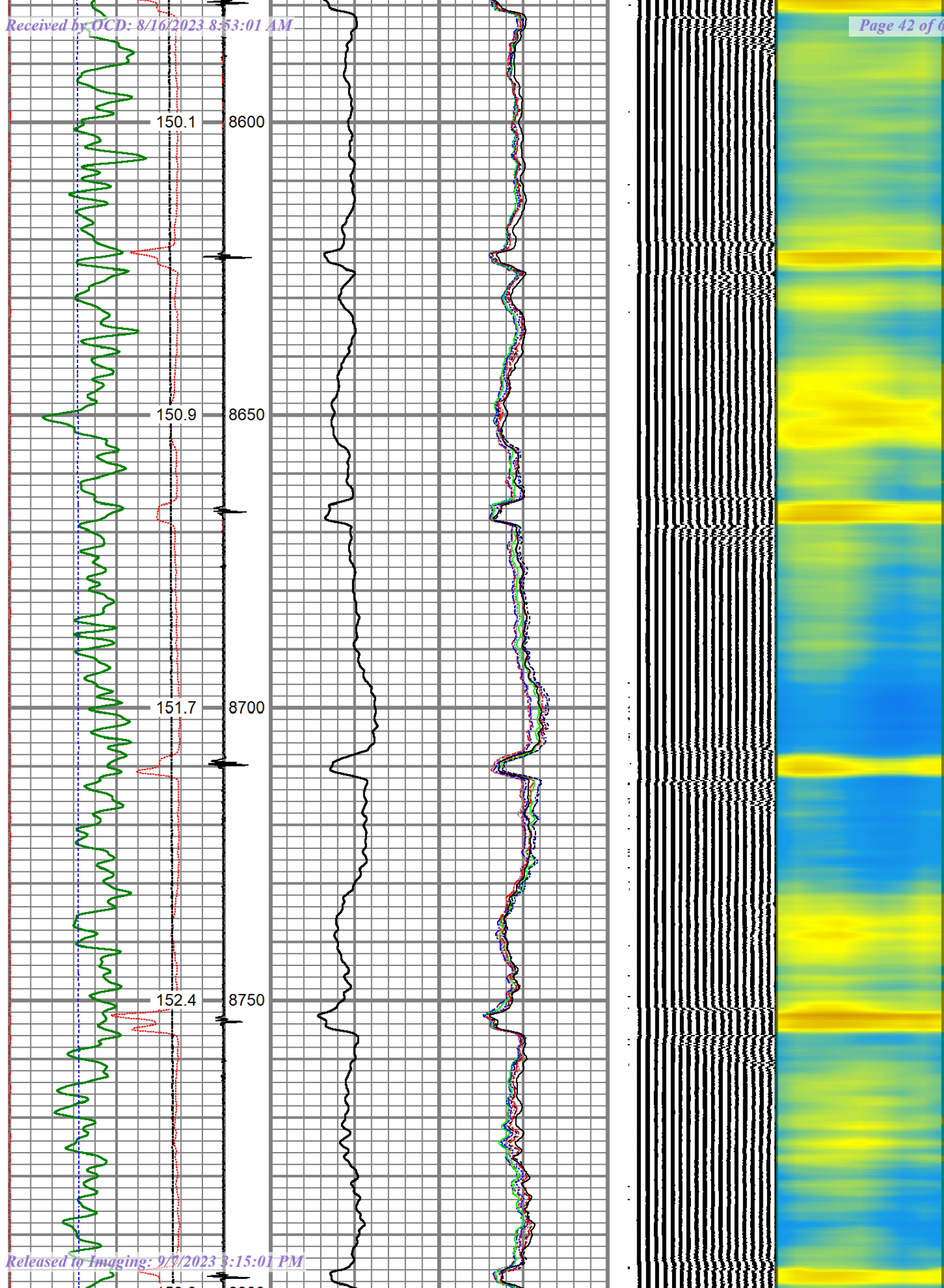


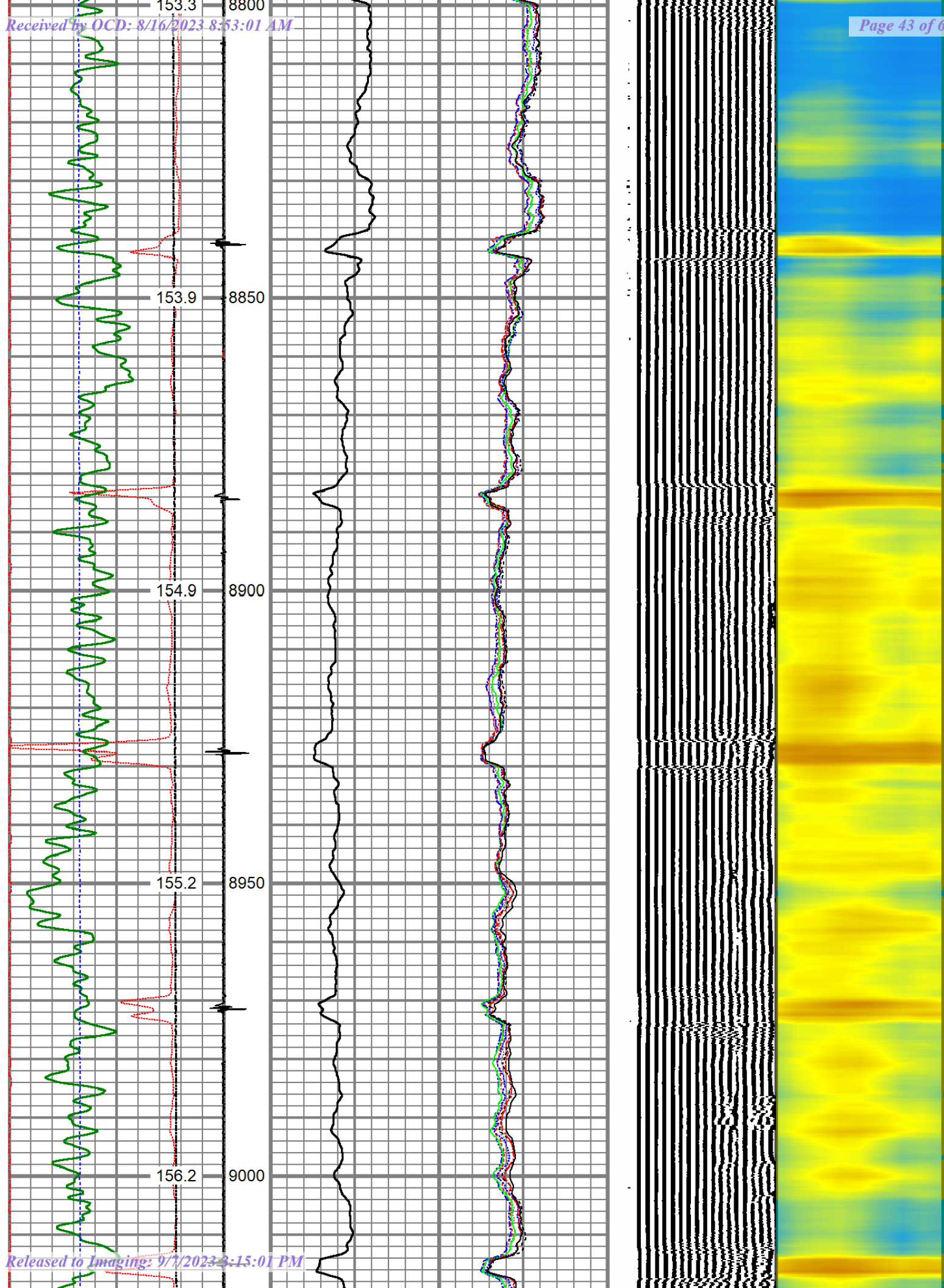


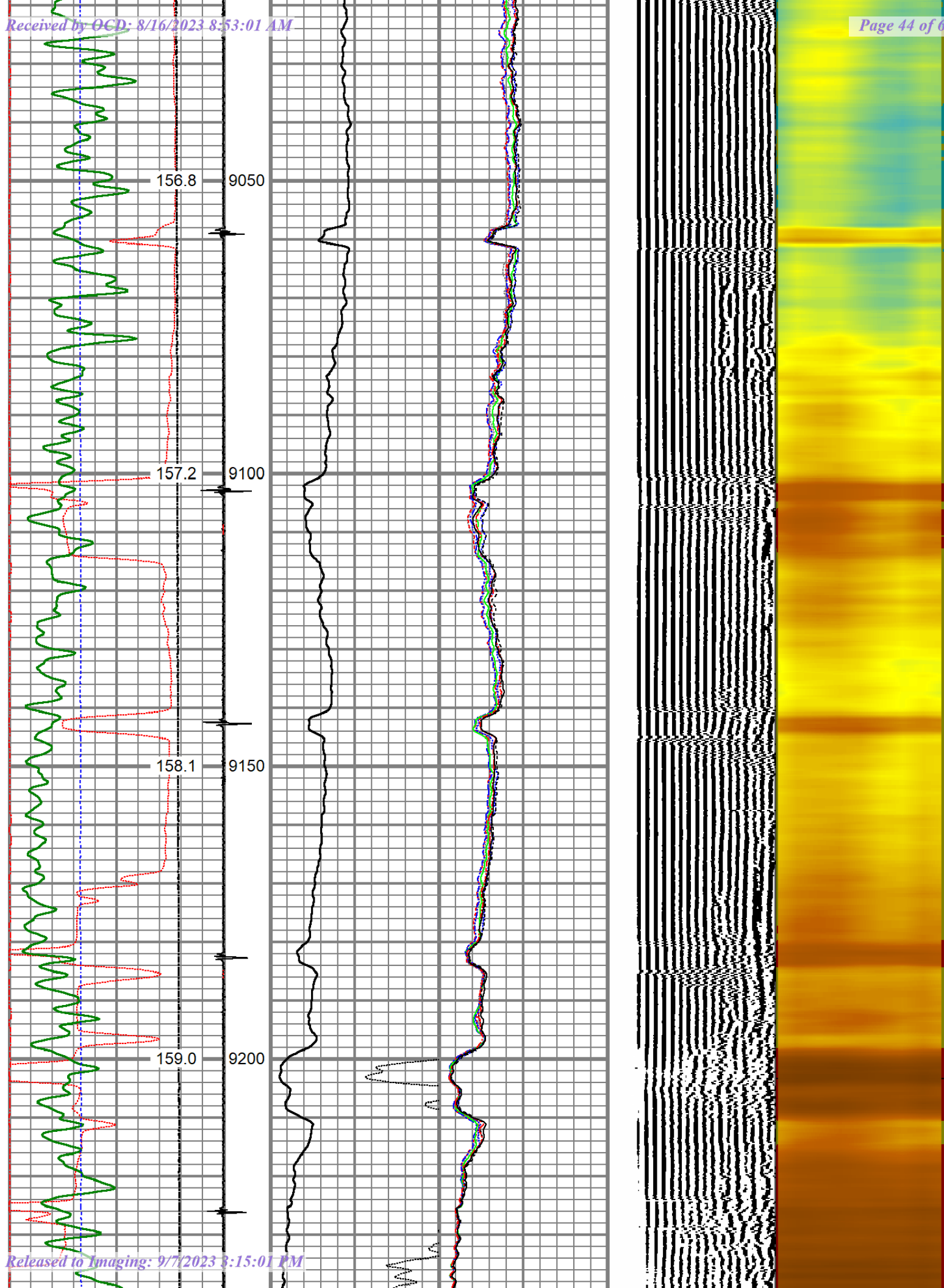


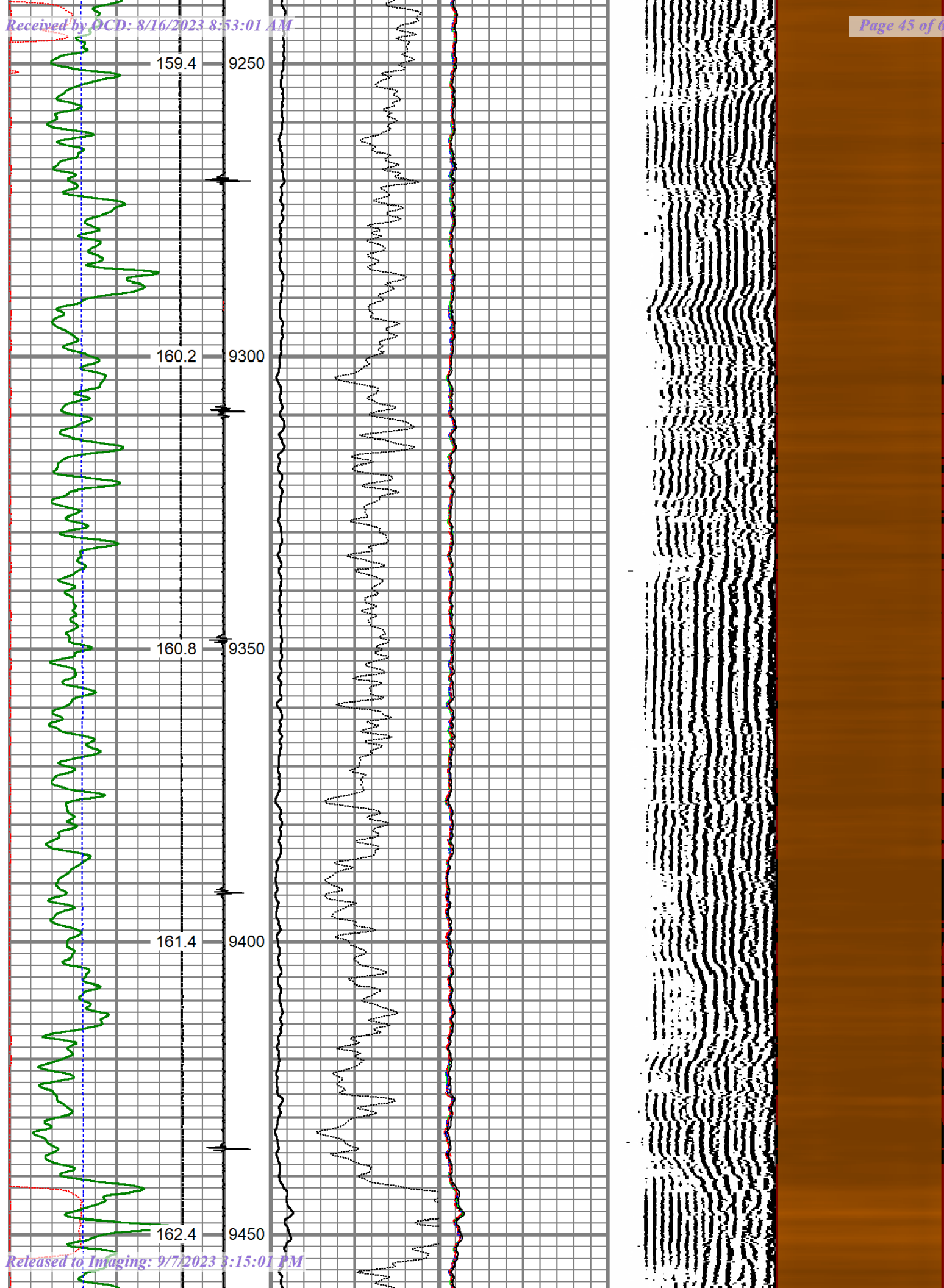


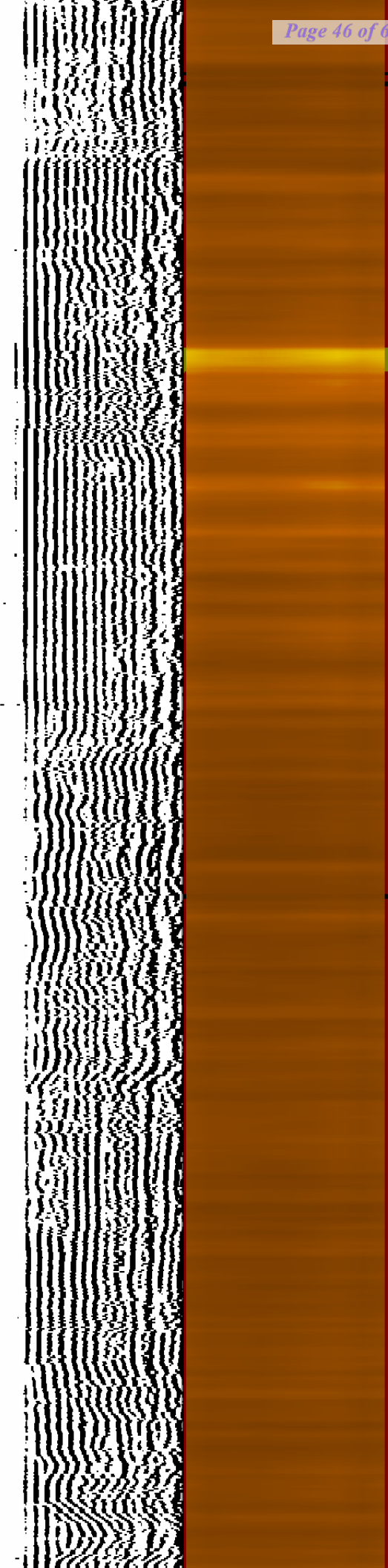
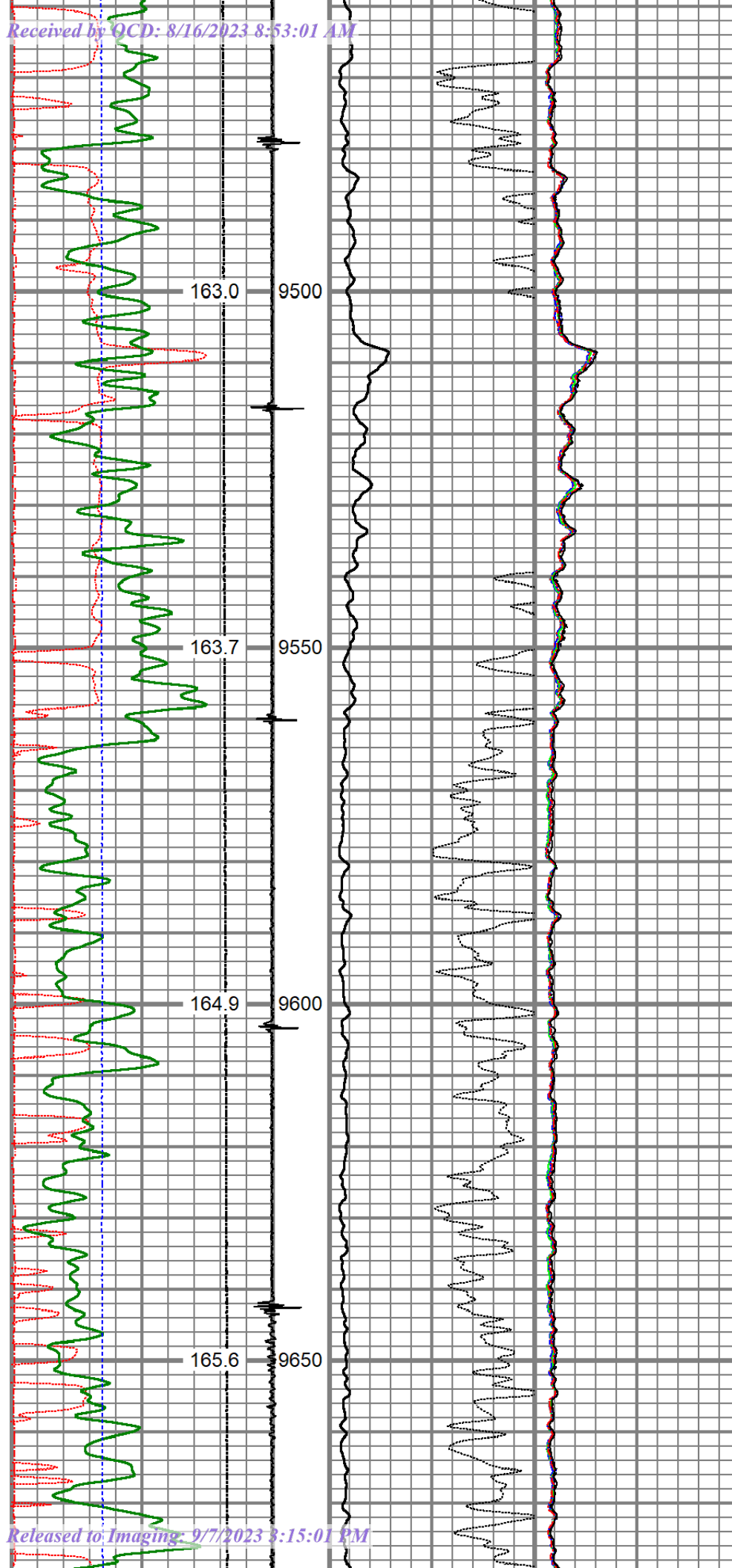


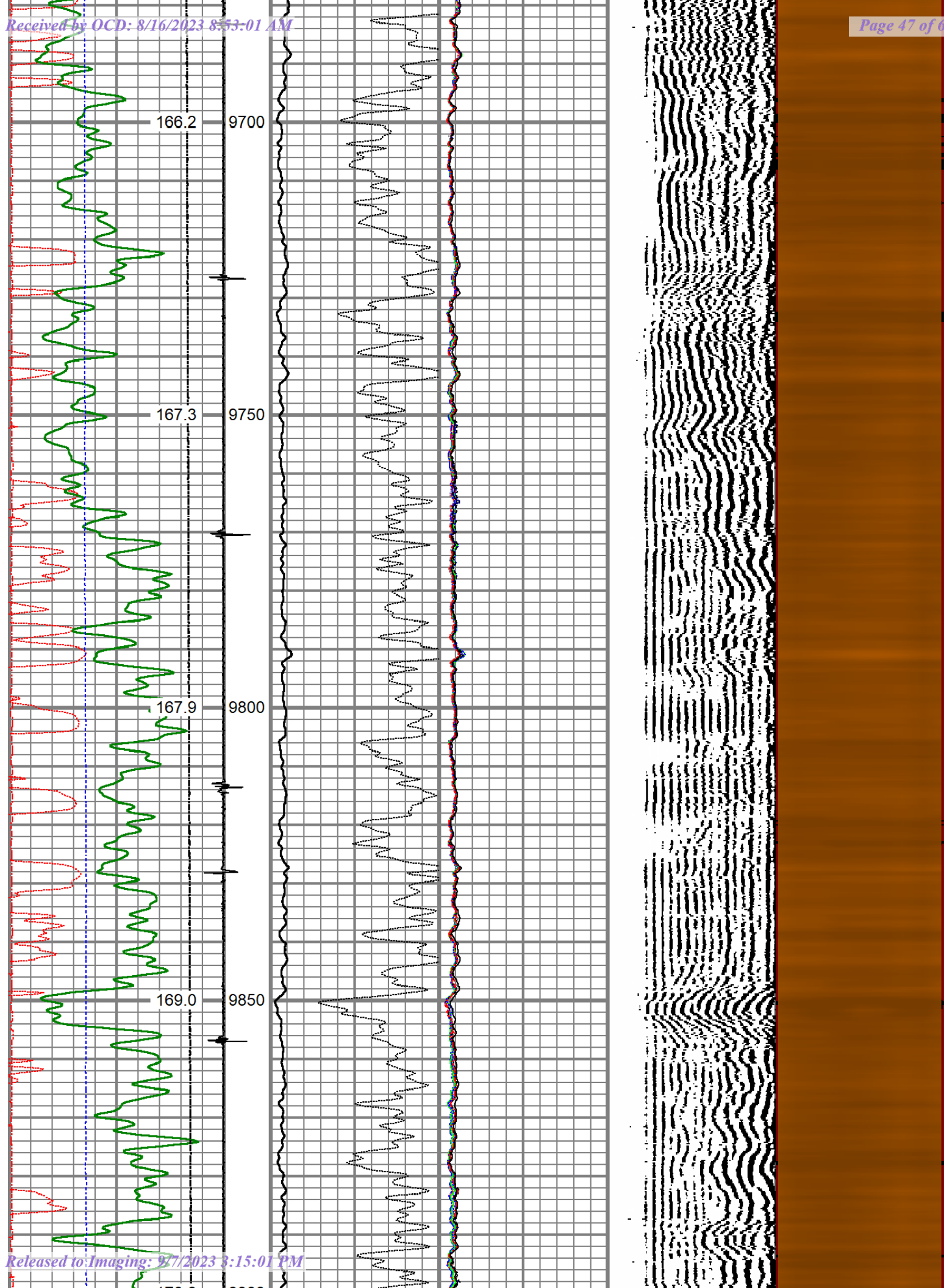


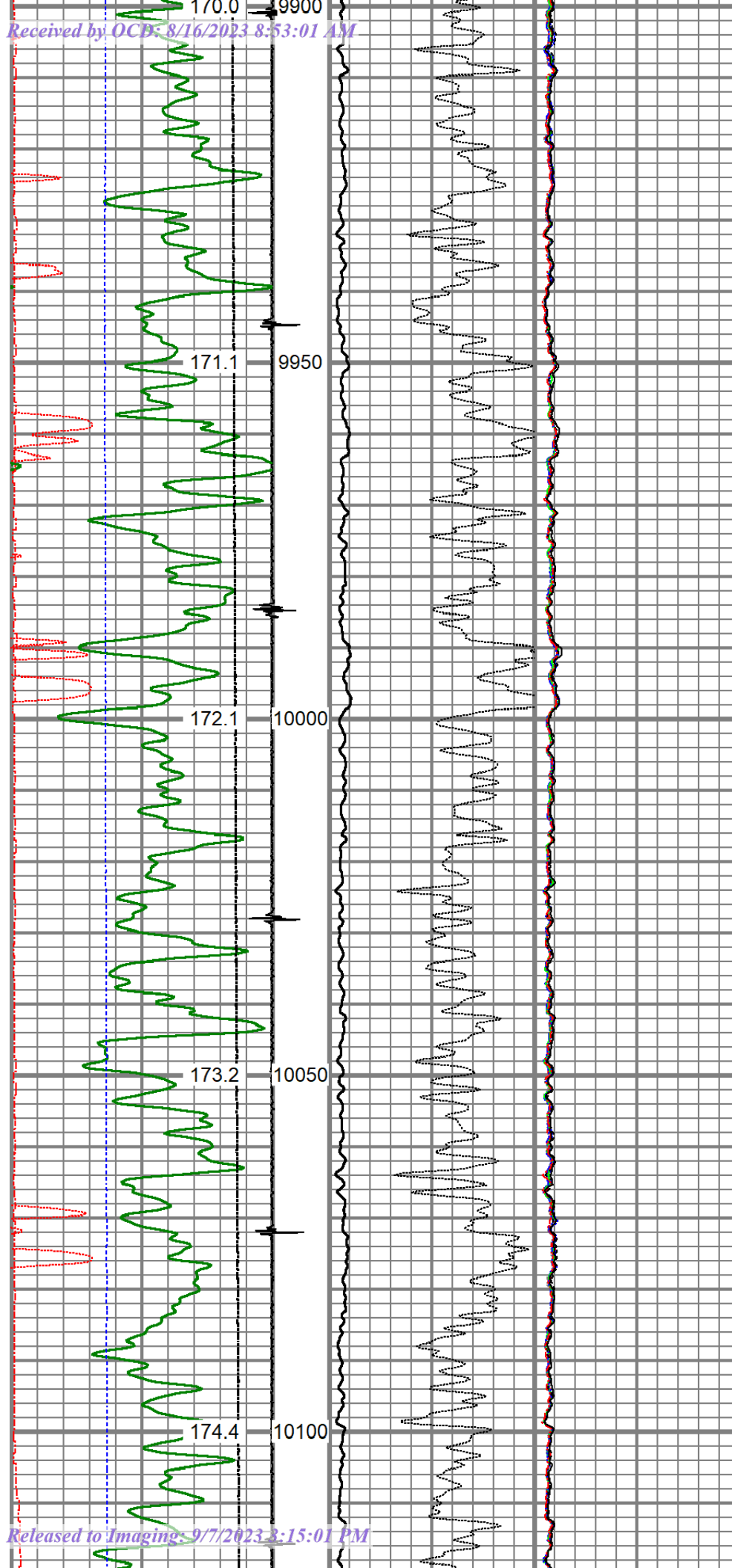


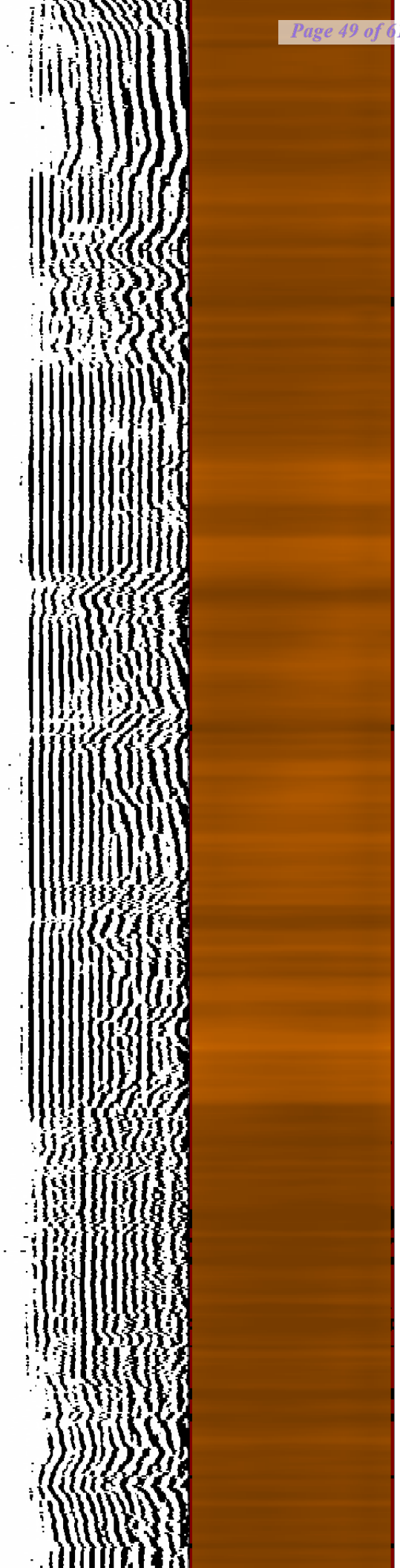
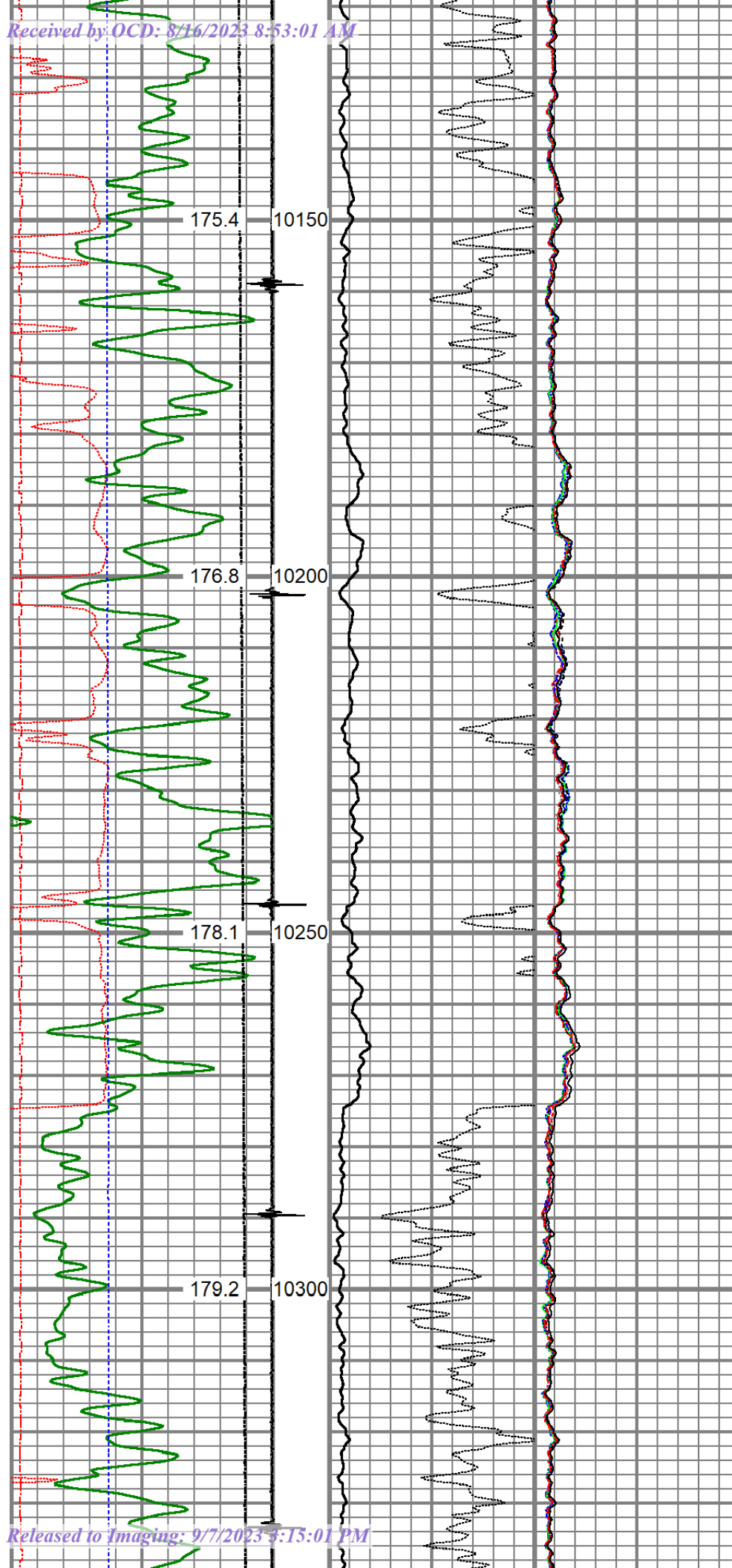


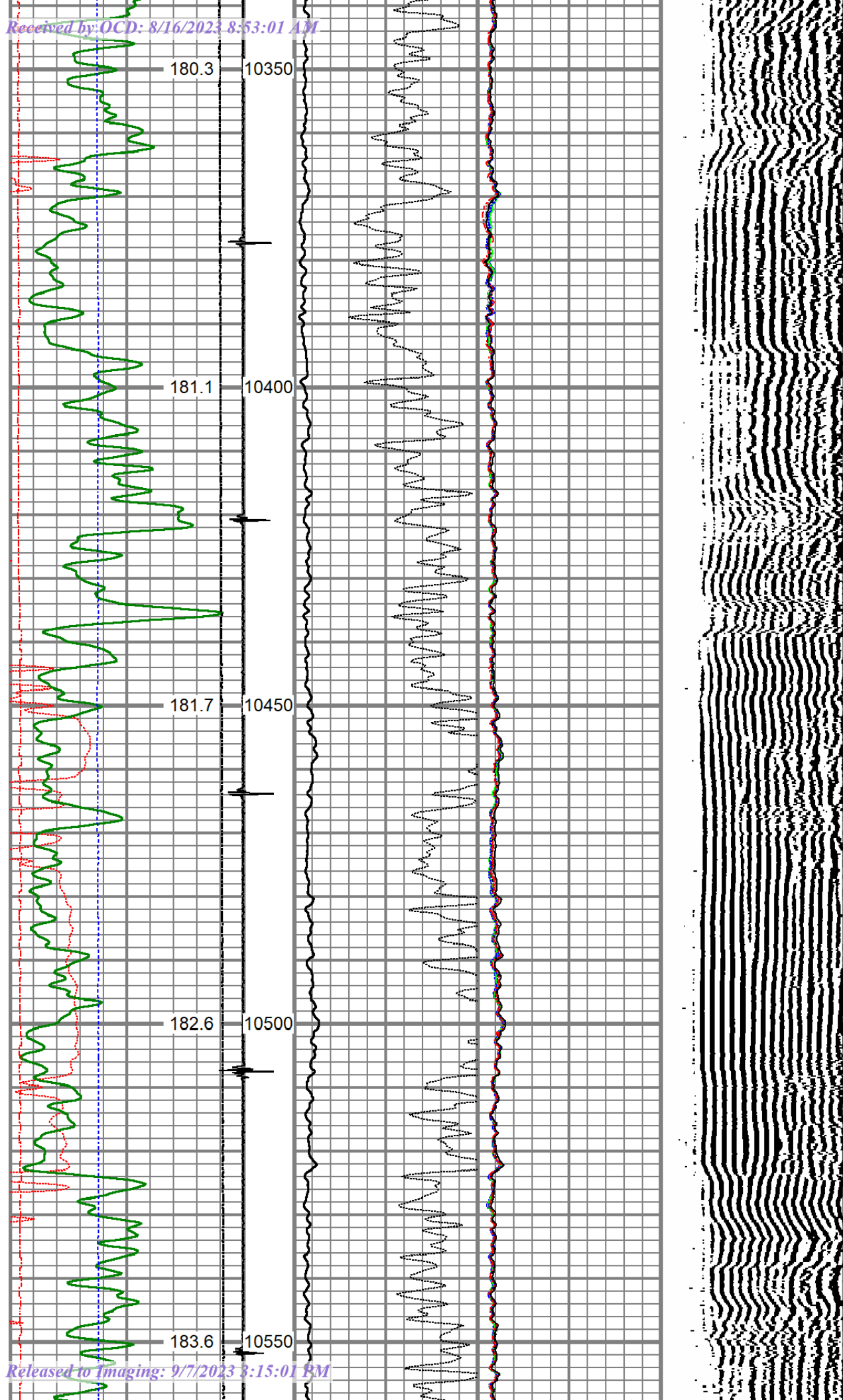


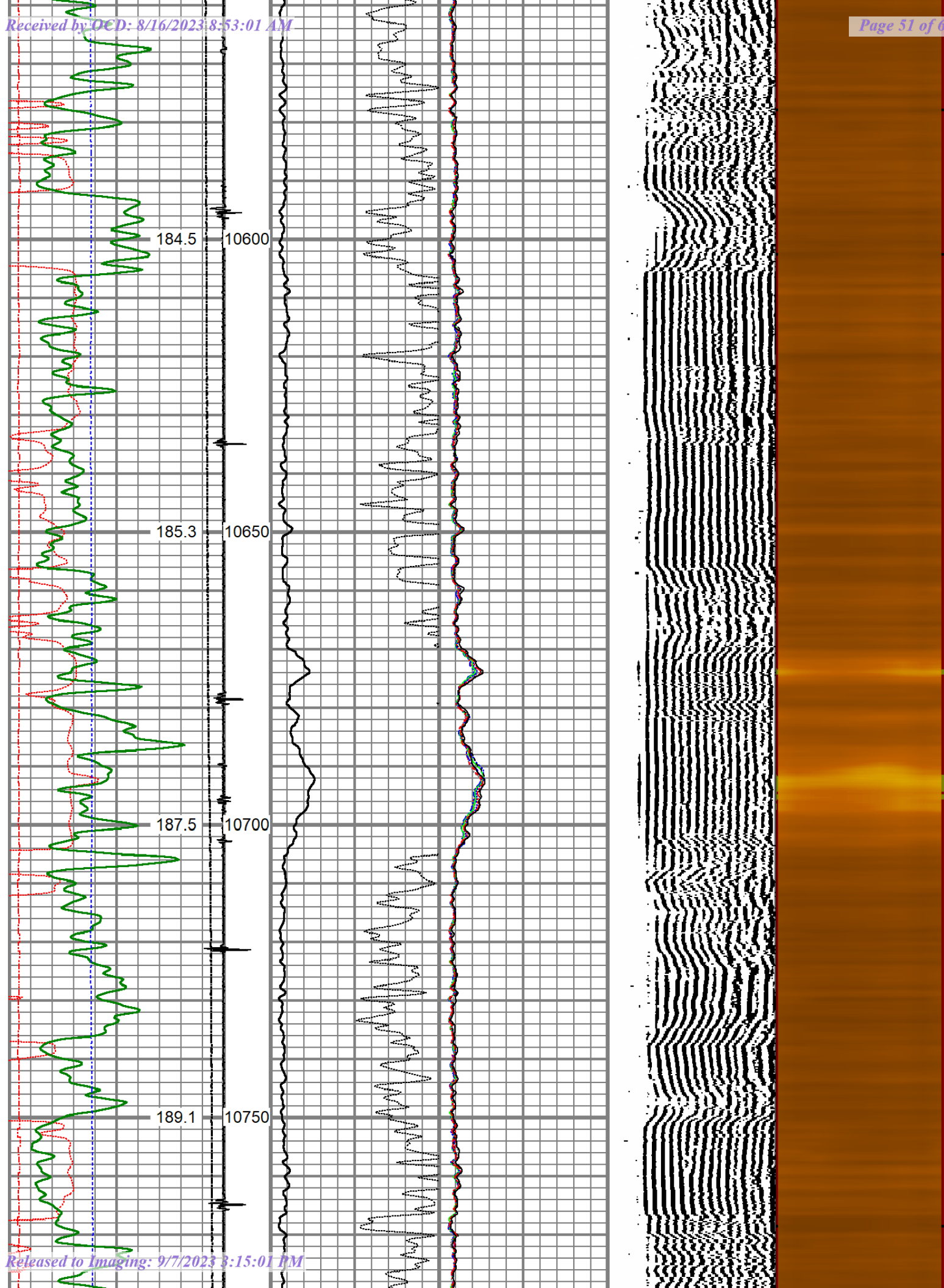


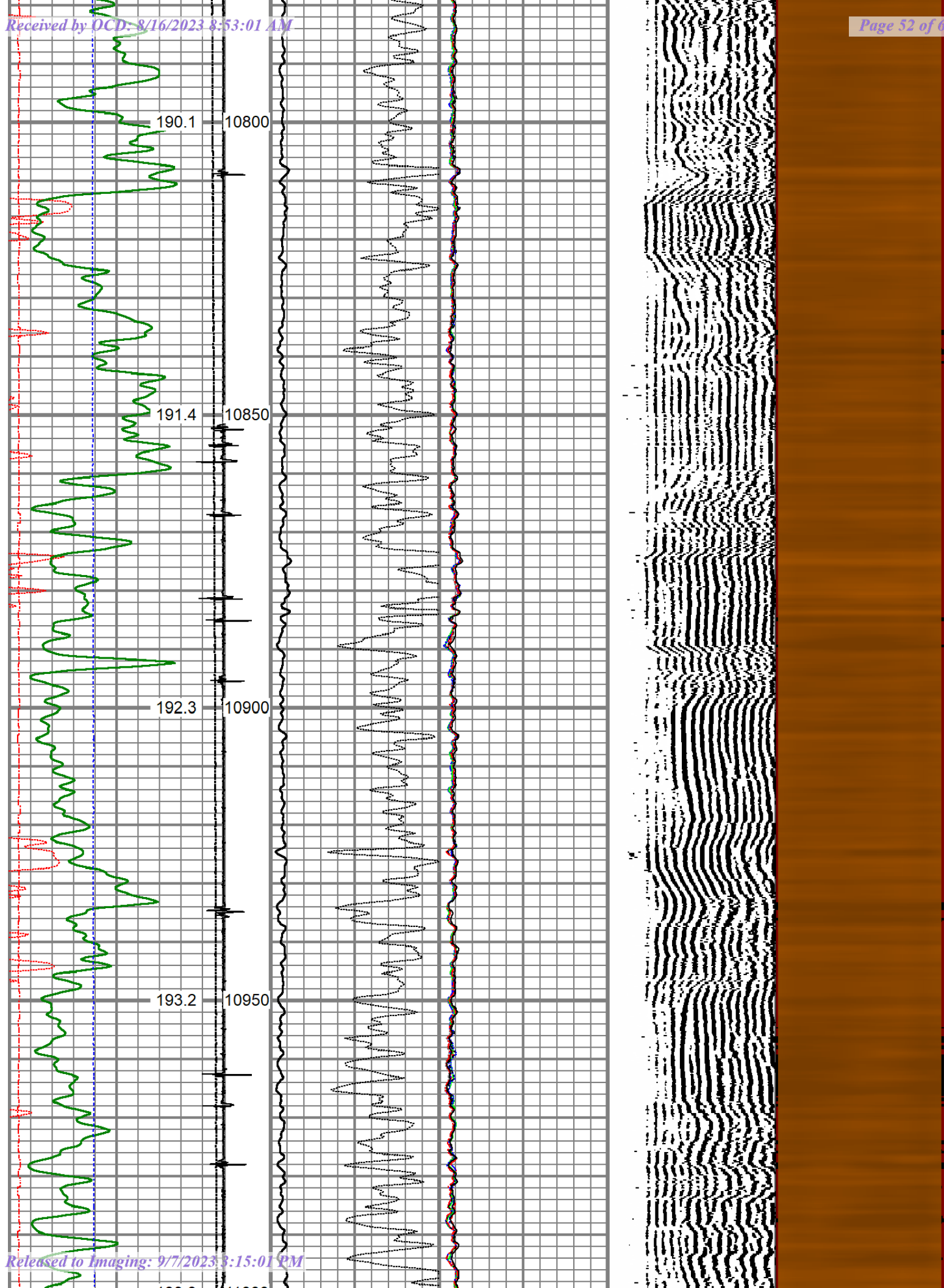


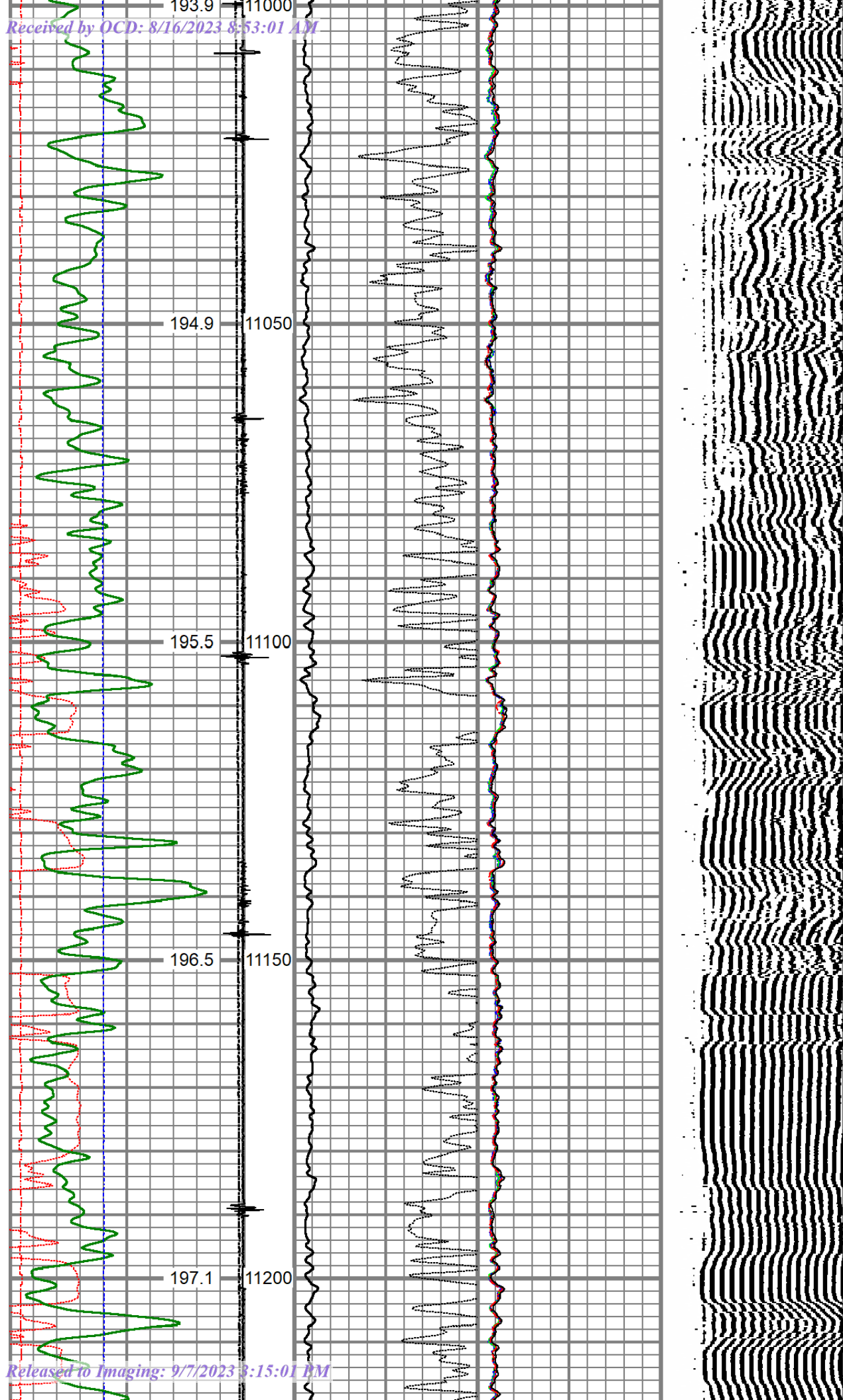


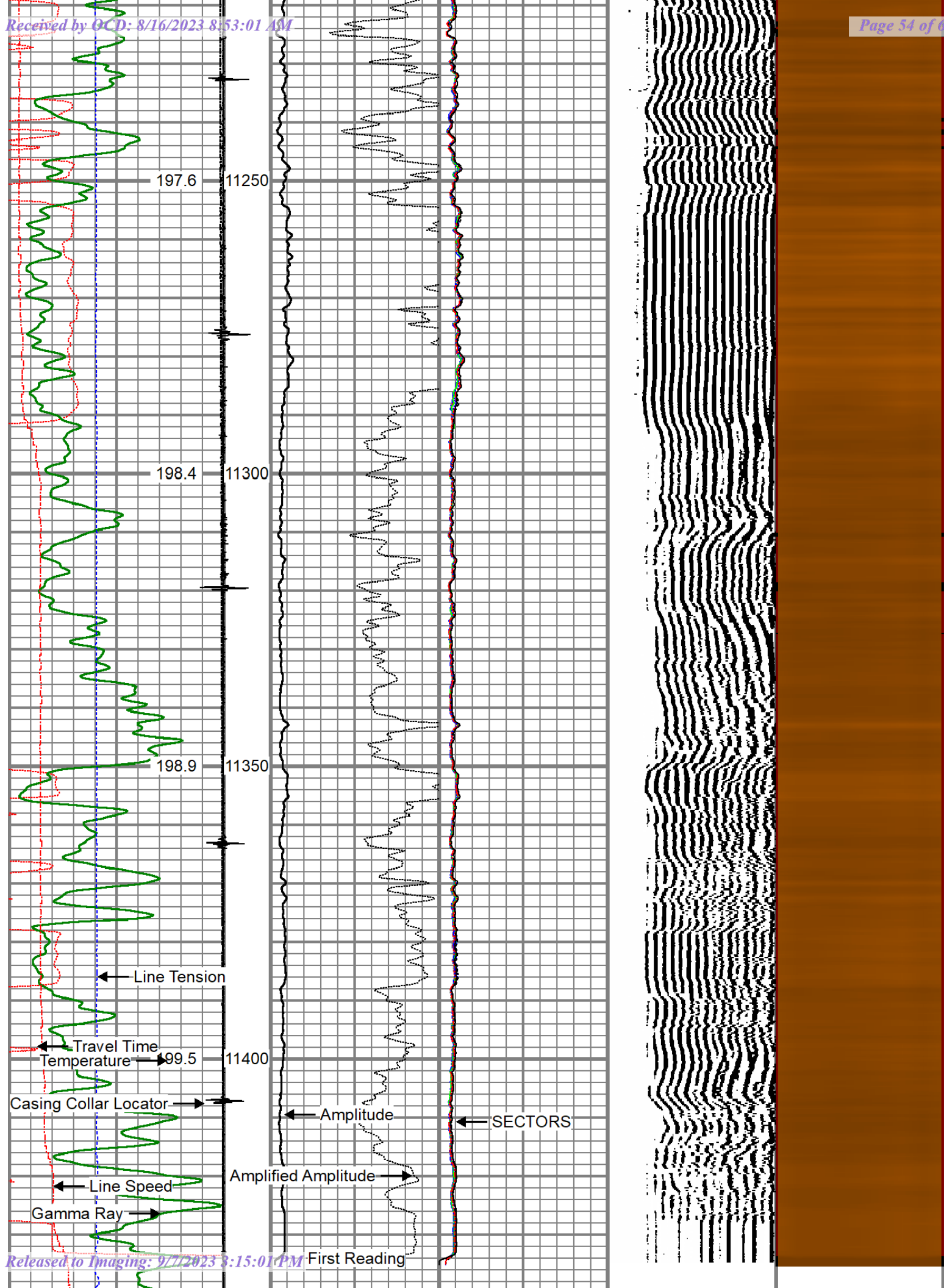












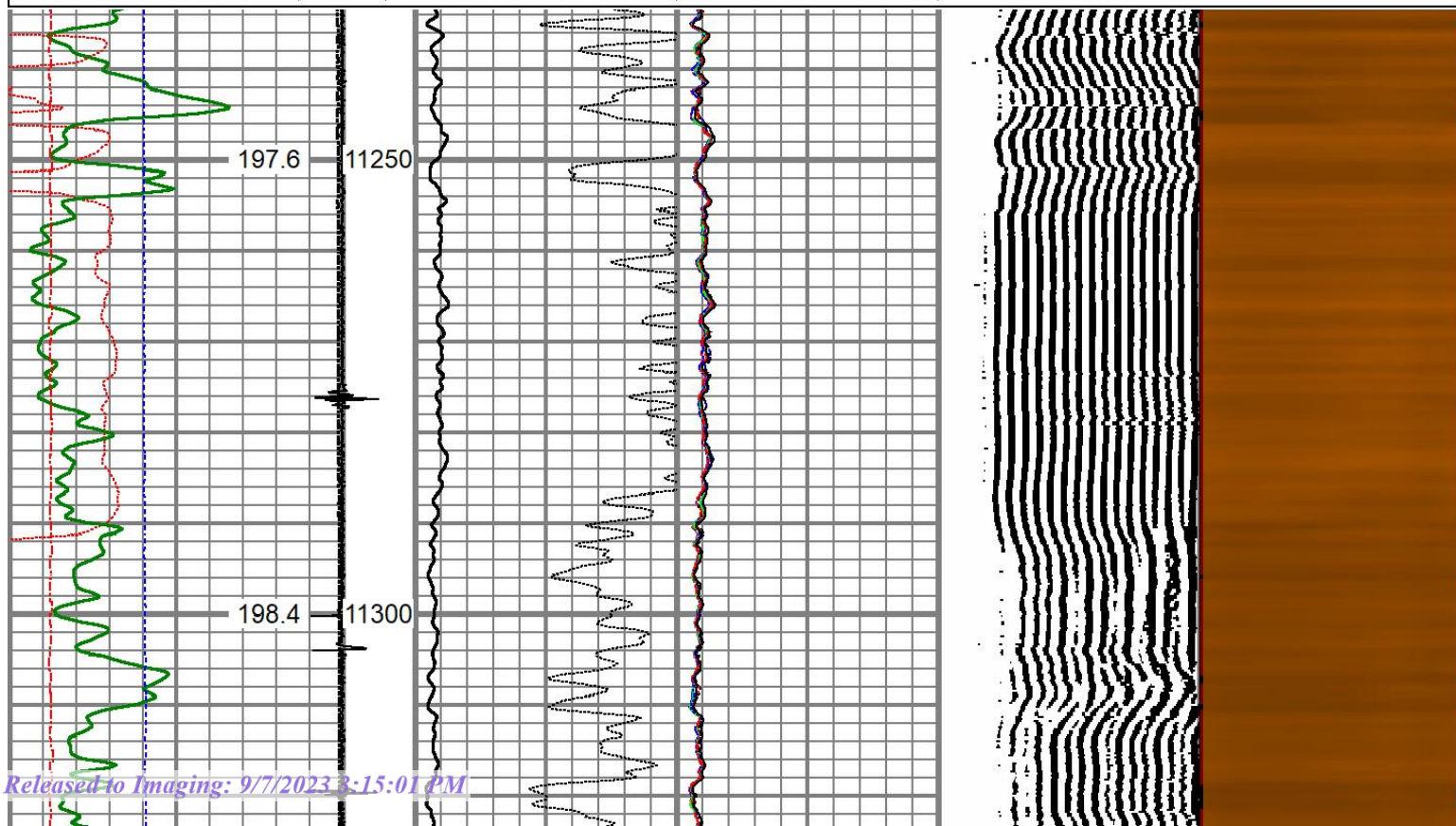
342 Travel Time (usec) 242	Amplitude	-5	AMPS2	150	200	VDL	1200	1	Cement Map	8
0 Gamma Ray (GAPI) 150	(mV) 100	-5	AMPS3	150				3		100
0 LTEN (lb) 4000	Amplified Amplitude	-5	AMPS4	150						
0 TEMP (degF) 200	(mV) 10	-5	AMPS5	150						
-100 LSPD (ft/min) 100		-5	AMPS6	150						
TEMP		-5	AMPS7	150						
(degF)		-5	AMPS8	150						
CCL		-5	AMPS1	150						

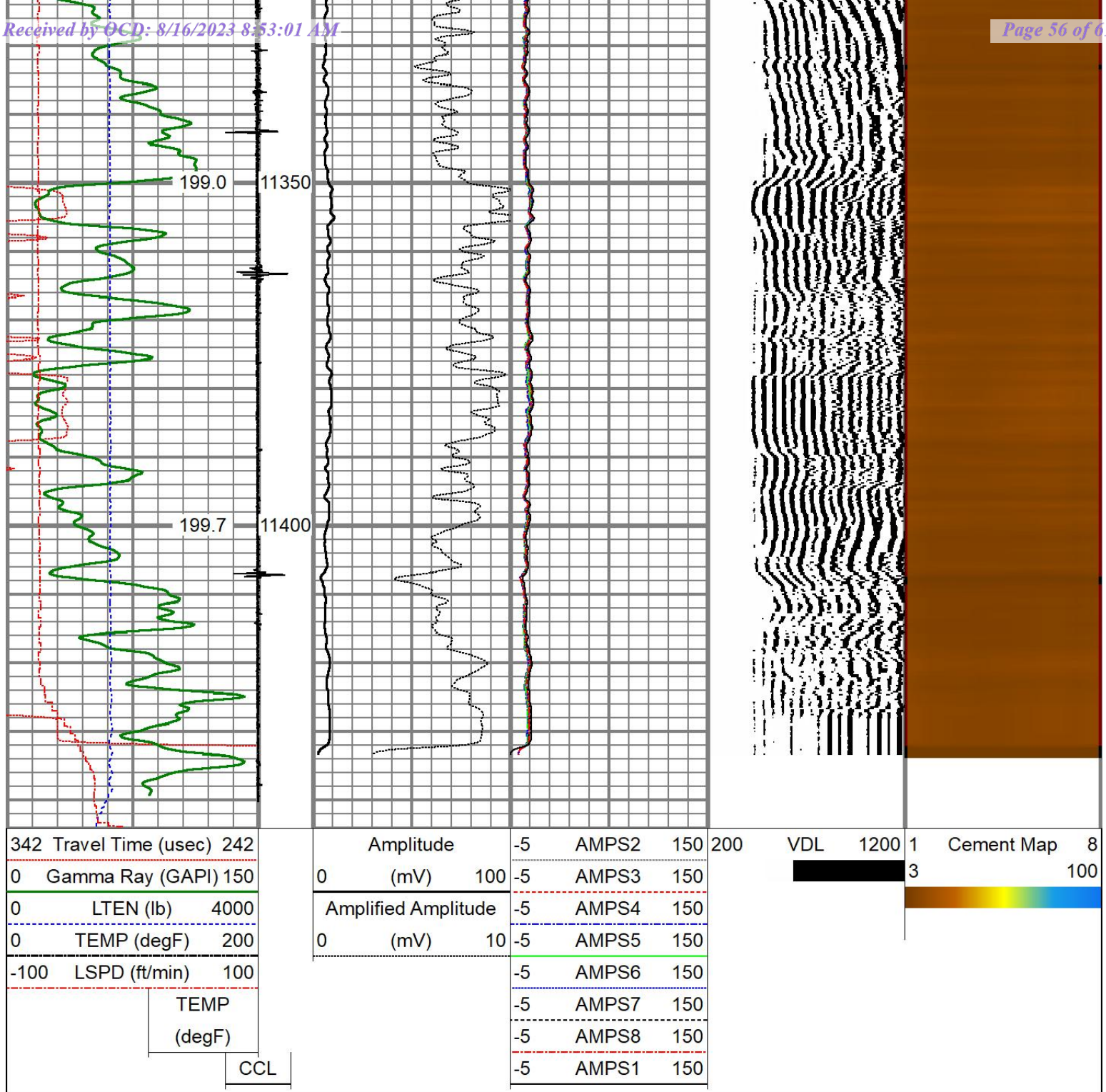


Repeat Pass

Database File matador_esperanza state_1.db
Dataset Pathname pass15
Presentation Format a9b_rbt_wt
Dataset Creation Sat Jun 25 08:10:47 2022
Charted by Depth in Feet scaled 1:240

342 Travel Time (usec) 242	Amplitude	-5	AMPS2	150	200	VDL	1200	1	Cement Map	8
0 Gamma Ray (GAPI) 150	(mV) 100	-5	AMPS3	150				3		100
0 LTEN (lb) 4000	Amplified Amplitude	-5	AMPS4	150						
0 TEMP (degF) 200	(mV) 10	-5	AMPS5	150						
-100 LSPD (ft/min) 100		-5	AMPS6	150						
TEMP		-5	AMPS7	150						
(degF)		-5	AMPS8	150						
CCL		-5	AMPS1	150						





Calibration Report

Database File matador_esperanza state_1.db
 Dataset Pathname pass17
 Dataset Creation Sat Jun 25 08:15:30 2022

Gamma Ray Calibration Report

Type / Serial: PROBE_275_6_PIN / PG4

SHOP CALIBRATION

Mon Sep 13 14:14:26 2021

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.7500			GAPI/cps

Background 0.0
 Calibrator 0.0
 Difference 0.0

cps
 cps
 GAPI

BEFORE SURVEY VERIFICATION

Background 0.0
 Calibrator 0.0
 Difference 0.0

cps
 cps
 GAPI

AFTER SURVEY VERIFICATION

Background 0.0
 Calibrator 0.0
 Difference 0.0

cps
 cps
 GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: 2.75_ProbeRadii_W/Temp
 Tool Model: 2.75" _ProbeRadiiTele_W/Temp
 Calibration Casing Diameter: 5.500 in
 Calibration Depth: 0.000 ft

Master Calibration, performed Sat Jun 25 07:23:52 2022:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.000	0.605	3.000	71.921	113.842	3.022
CAL	0.694	0.728				
5'	-0.000	0.540	3.000	71.921	127.602	3.016
SUM						
S1	0.037	0.608	1.800	100.000	172.006	-4.558
S2	0.001	0.598	1.800	100.000	164.527	1.629
S3	0.002	0.604	1.800	100.000	162.960	1.510
S4	0.002	0.605	1.800	100.000	162.848	1.478
S5	0.002	0.604	1.800	100.000	163.215	1.455
S6	0.004	0.612	1.800	100.000	161.537	1.212
S7	0.003	0.612	1.800	100.000	161.220	1.332
S8	0.002	0.616	1.800	100.000	160.043	1.446

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.694	0.728	1.000	0.000

Air Zero Calibration, performed Sat Jun 25 07:22:44 2022:

	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	

Temperature Calibration Report				
Serial Number:	2.75_ProbeRadii_W/Temp			
Tool Model:	2.75"_ProbeRadiiTele_W/Temp			
Performed:	Sat Oct 09 14:15:11 2021			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	1.00	degF	1.00	degF
Gain:	1.00			
Offset:	-15.00			
Delta Spacing	1			

Released to Imaging: 9/7/2023 3:15:01 PM

GR	2.54		GR_Probe-PROBE_275_6_PIN (PG4) PG4	4.78	2.75	57.00
Dataset: matador_esperanza state_1.db: field/well/run1/pass17 Total length: 20.97 ft Total weight: 206.60 lb O.D.: 2.75 in						

Company: Matador

Well: Esperanza 22 State Com 001

Field: ---

County: Eddy

State: New Mexico

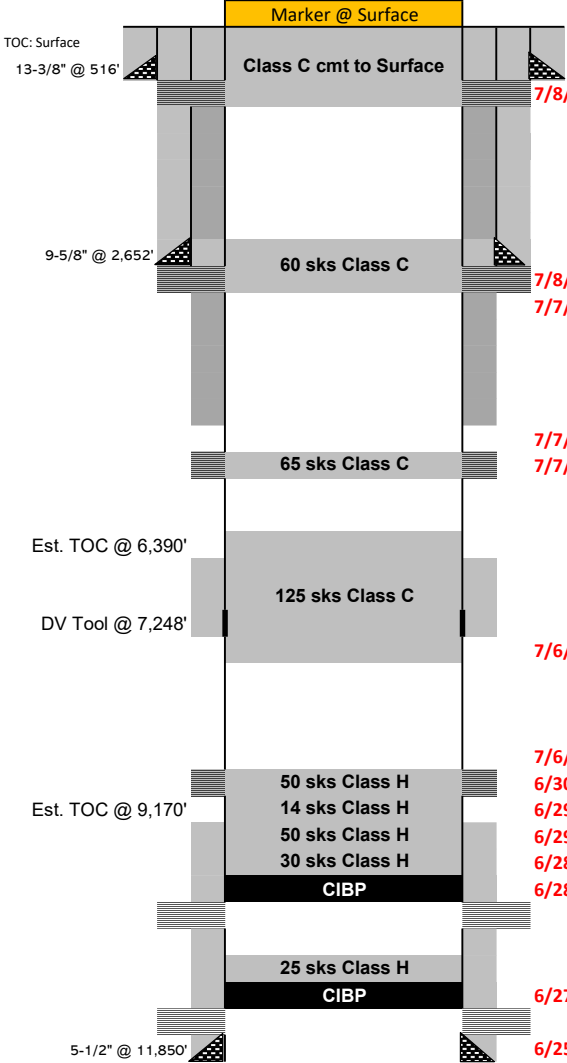


Radial Cement BondvGamma RayvCasing Collar Log

Esperanza 22 State Com #001
1775' FSL & 660' FEL Sec 22 - 21S - 27E
Eddy County, NM
API: 30-015-32938

Latitude: 32.46315
Longitude: -104.1712778

As Plugged WELLBORE SCHEMATIC
Spudded: 8/26/2003



7/12/2022: Cut & remove wellhead; Top off Surface Casing with 2.5 sks Class C cement; Verify cement to surface on all strings; Weld on dryhole marker; Fill cellar and back drag location.

7/8/2022: RIH & perf @ 566' WLM; Establish circulation & squeeze Class C cement to surface (184 sks Class C cmt total).

7/8/2022: Squeeze 60 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 2,550' WLM.

7/7/2022: RIH & perf @ 2,702' WLM.

7/7/2022: RIH & tag TOC @ 4,765' WLM.

7/7/2022: RIH & perf @ 5,340' WLM; Attempt to establish circulation, no success; TIH & spot a 65 sk Class C balanced plug @ 5,417' TM.

7/6/2022: PU & spot a 125 sk Class C cmt Balanced Plug @ 7,334' TM; WOC for 4 hrs; TIH & tag TOC @ 6,088' TM.

7/6/2022: TIH & tag TOC @ 8,861' TM.

6/30/2022: Spot a 14 sk Class H cement balanced plug @ 9,300' TM; RIH & perf @ 9,174' WLM; Establish circulation & squeeze 50 sks Class H cement.

6/29/2022: PU & spot a 50 sk Class H cement balanced plug @ 9,900' TM.

6/29/2022: Spot a 30 sk Class H cement balanced plug on top of CIBP; WOC for 4 hrs; TIH @ tag TOC @ 10,329' TM; Circulate wellbore full of MLF.

6/28/2022: RIH & set CIBP @ 10,660'; RIH & tag CIBP @ 10,642' TM.

6/28/2022: TIH & tag TOC @ 10,921' TM.

3/07/12: Perfs 10,691'-10,703'

8/06/14: Attempt to squeeze, no breakdown (no cement)

3/06/12: Set CIBP @ 11,440' & capped with 35' cmt. Drilled out 8/15/14

6/27/2022: TIH & spot 25 sks Class H cement on CIBP.

11/5/03: Perfs 11,492'-11,513'

6/25/2022: Run CBL; Found TOC @ ~9,170'. Cement also from 7,250' - 6,390' and 4,250' to surface.

6/24/2022: POOH w/ tubing; RIH & set CIBP @ 11,442' WLM; Load casing and pressure test to 500 psi for 10 minutes, good test.

6/23/2022: NU & function test BOPs.

6/22/2022: MIRU WOR.

	Casing Information		Type	Weight (lb/ft)	Joints	Depth Set
	Hole Size	Casing Size				
Surface	17-1/2"	13-3/8"	K-55	48		516'
Intermediate	12-1/4"	9-5/8"	J-55	36		2,652'
Production	8-3/4"	5-1/2"	S-95 LT&C (N-80)	17	276	11,850'
					DV Tool	7,248' (+KB)

Float Collar	
--------------	--

	Cementing Record		TOC	Date Run
	Surface	Intermediate		
Surface	435 sks Class C		Surface	8/27/2003
Intermediate	1056 sks Class C		Surface	9/2/2003
Production	950 sks (680 sks Class H & 270 sks Class C)		9208' & 6390'	11/1/2003

Geologic Markers	
Delaware	3,010'
Bone Spring	5,290'
Wolfcamp	9,124'
Cisco	9,566'
Canyon	9,850'
Strawn	10,274'
Atoka	10,862'
Morrow	11,352'

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

CONDITIONS

Action 252608

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 252608
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/7/2023