

Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205008 / -103.3173637	County or Parish/State: LEA / NM
Well Number: 3H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	Operator: CAZA OPERATING LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Cement Remediation
Date Sundry Submitted: 02/20/2021	Time Sundry Submitted: 02:47
Date proposed operation will begin: 02/18/2021	

Procedure Description: Did not circulate cement on stage 2. Ran CBL and AMPmin and AMPmax showed the TOC to be at 1,380'MD. Set CIBP at 1,390'MD and perforate at 1,350'. Establish circulation and pump 1,310sx 50/50 POZ Class C + 5% CaCl2 + 4% Gel + 0.2% CPT-19 + 2% CPT-45 + 0.4% CPT-503P + 5% Gypsum + 0.45% CPT20A + 0.45% Citric Acid.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Caza_Rbl_Comanche25_36_StateFedCom_3H_20210220024535.pdf

Received by OCD: 3/30/2021 4:21:45 AM

Page 2 of 48

Well Name: COMANCHE 25-36 FED STATE COM	Well Location: T26S / R35E / SEC 25 / NWNE / 32.0205008 / -103.3173637	County or Parish/State: LEA / NM
Well Number: 3H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM125402	Unit or CA Name:	Unit or CA Number:
US Well Number: 00	Well Status: Approved Application for Permit to Drill	Operator: CAZA OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: MORRIS	Signed on: FEB 20, 2021 02:37 AM
Name: CAZA OPERATING LLC	
Title: Engineer	
Street Address: 14102 WCR 173	
City: ODESSA	State: TX
Phone: (985) 415-9729	
Email address: steve.morris@morcoreengineering.com	

Field Representative

Representative Name: STEVE MORRIS		
Street Address: 200 N. LORRAINE ST 1550		
City: MIDLAND	State: TX	Zip: 79701
Phone: (198)541-5972		
Email address: steve.morris@morcoreengineering.com		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 03/29/2021
Signature: Chris Walls	



Radial Bond Log

DV2

Company	Caza Operating	Company	Caza Operating
Well	Comanche 25-36 State Fed Com 3H	Well	Comanche 25-36 State Fed Com 3H
Field	Bone Springs	Field	Bone Springs
County	Lea	County	Lea
State	New Mexico	State	New Mexico
Location:	API # : 30-025-47451		Other Services
SEC	TWP	RGE	Elevation
Permanent Datum	Ground Level	Elevation	K.B.
Log Measured From	Kelly Bushing	23.6' Above G.L.	D.F.
Drilling Measured From	Kelly Bushing		G.L.

Date	02-18-2021
Run Number	One
Depth Driller	9,437'
Depth Logger	4,902'
Bottom Logged Interval	4,900'
Top Log Interval	Surface
Open Hole Size	N/A
Type Fluid	Water
Density / Viscosity	~8 Lbs./Gal.
Max. Recorded Temp.	114 Degrees
Estimated Cement Top	1,890'
Time Well Ready	15:30
Time Logger on Bottom	16:30
Equipment Number	0028
Location	Midland, Tx
Recorded By	Justin Wingfield
Witnessed By	Jim Robertson
Borehole Record	
Run Number	Bit From To Size Weight From To
Casing Record	Size 13.375" Wgt/Ft 54.5 Lbs. Top Surface 997' Bottom 9,437'
Surface String	9.625" 40 Lbs. Surface
Production String	
Liner	

<<< 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

Well Was Logged Recording Up From 4,902' To Surface
 Well Was Logged Using Probe Radial Bond Tool S/N: WF 1402-63
 Well Was Logged Off Of Citadel Drilling Rig #4
 Estimated Top Of Cement At 1,890'

Dialog Wireline Crew: Justin Wingfield, Mikael Kimery
 Thank You For Choosing Dialog Wireline Logging Services

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CS6CENT-CSSROLLER 2.75 adjustable centralizer	2.75	2.75	10.00

Received by OCD: 3/30/2021 4:21:45 AM							Page 4 of 4		
Temp	17.42								
WVFS8	15.18			RBT-Probe275T (WF1402-63)	9.39	2.75	110.00		
WVFS7	15.18			Probe 2.75" Radial with Integral Temperature Sub					
WVFS6	15.18								
WVFS5	15.18								
WVFS4	15.18								
WVFS3	15.18								
WVFS2	15.18								
WVFS1	15.18								
WVF3FT	15.18								
WVF5FT	14.18								
HeadVolt	10.93								
WVFCAL	10.93								
				CS6CENT-CSSROLLER	2.75	2.75	10.00		
				2.75 adjustable centralizer					
CCL	7.04			CCL-275tekco (IEJ59-05)	1.83	2.75	33.00		
				Tekco 2 3/4" 450 Deg. F Rare Earth Magnets					
				GR-Tek-Co 2 3/4 (ISDX7-01)	3.60	2.75	40.00		
				Tekco 2 3/4" 400 Deg. F Logging Gamma Ray					
GR	3.79								
				CS6CENT-CSSROLLER	2.75	2.75	10.00		
				2.75 adjustable centralizer					
Dataset: caza_rbl_02_17_21.db: field/well/run1/pass4.3									
Total length: 23.08 ft									
Total weight: 213.00 lb									
O.D.: 2.75 in									

caza rbi 02 17 21.db

Dataset Pathname pass4

Presentation Format colnmnx

Dataset Creation Thu Feb 18 16:41:18 2021

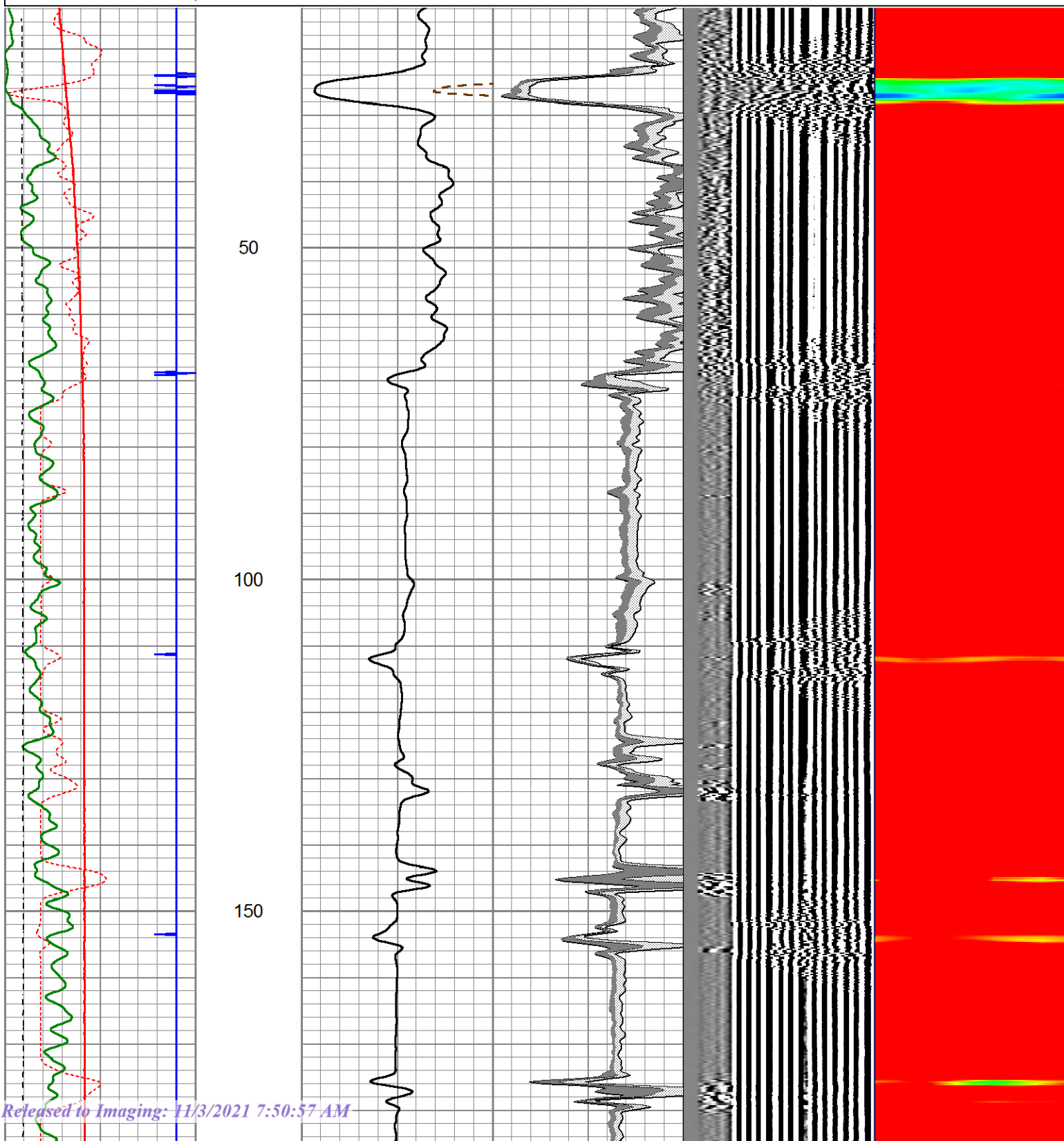
Charted by Depth in Feet scaled 1:240

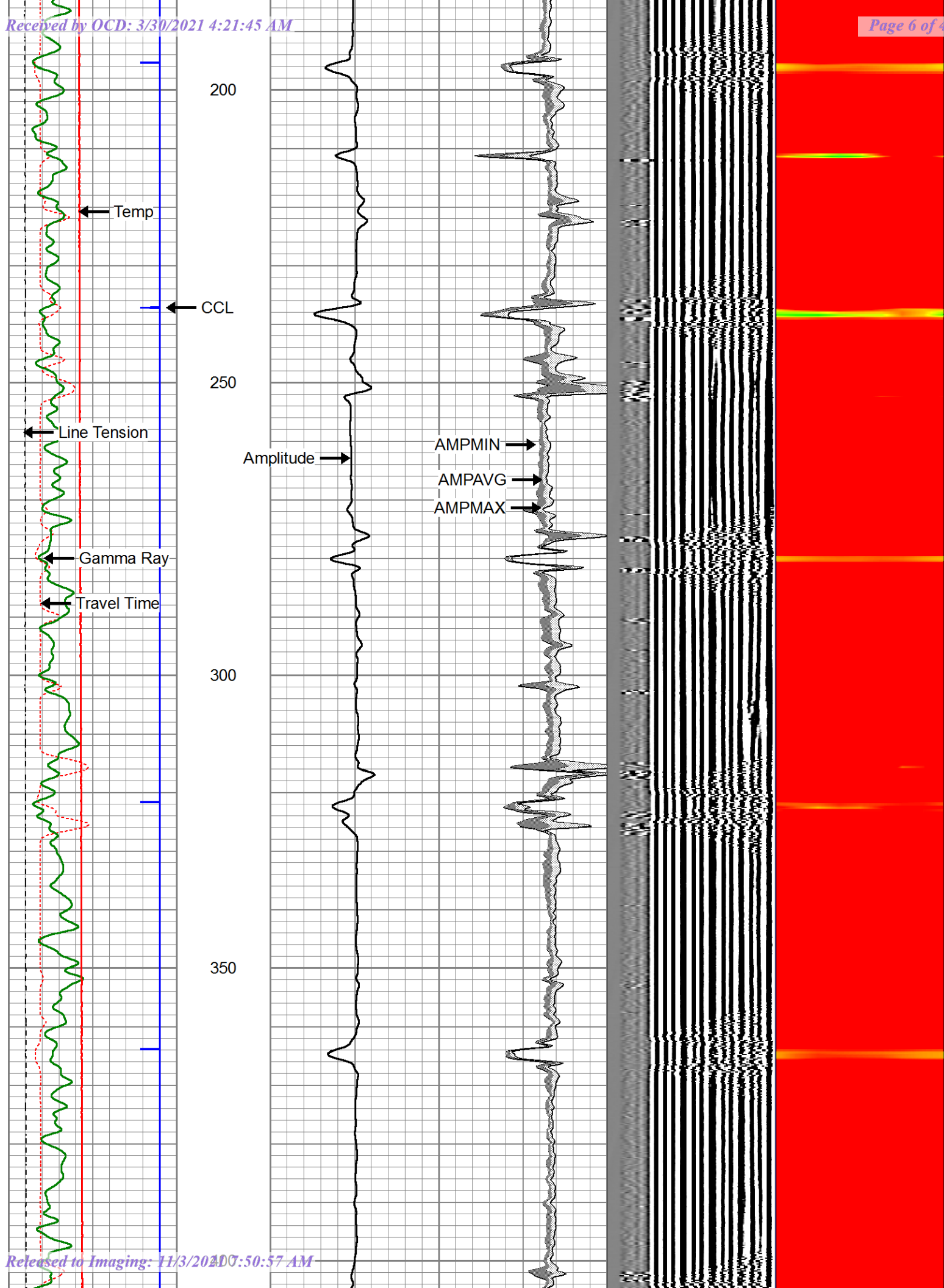
0	AMP (mV)	100
Amplified Amp.		
0	(mV)	10

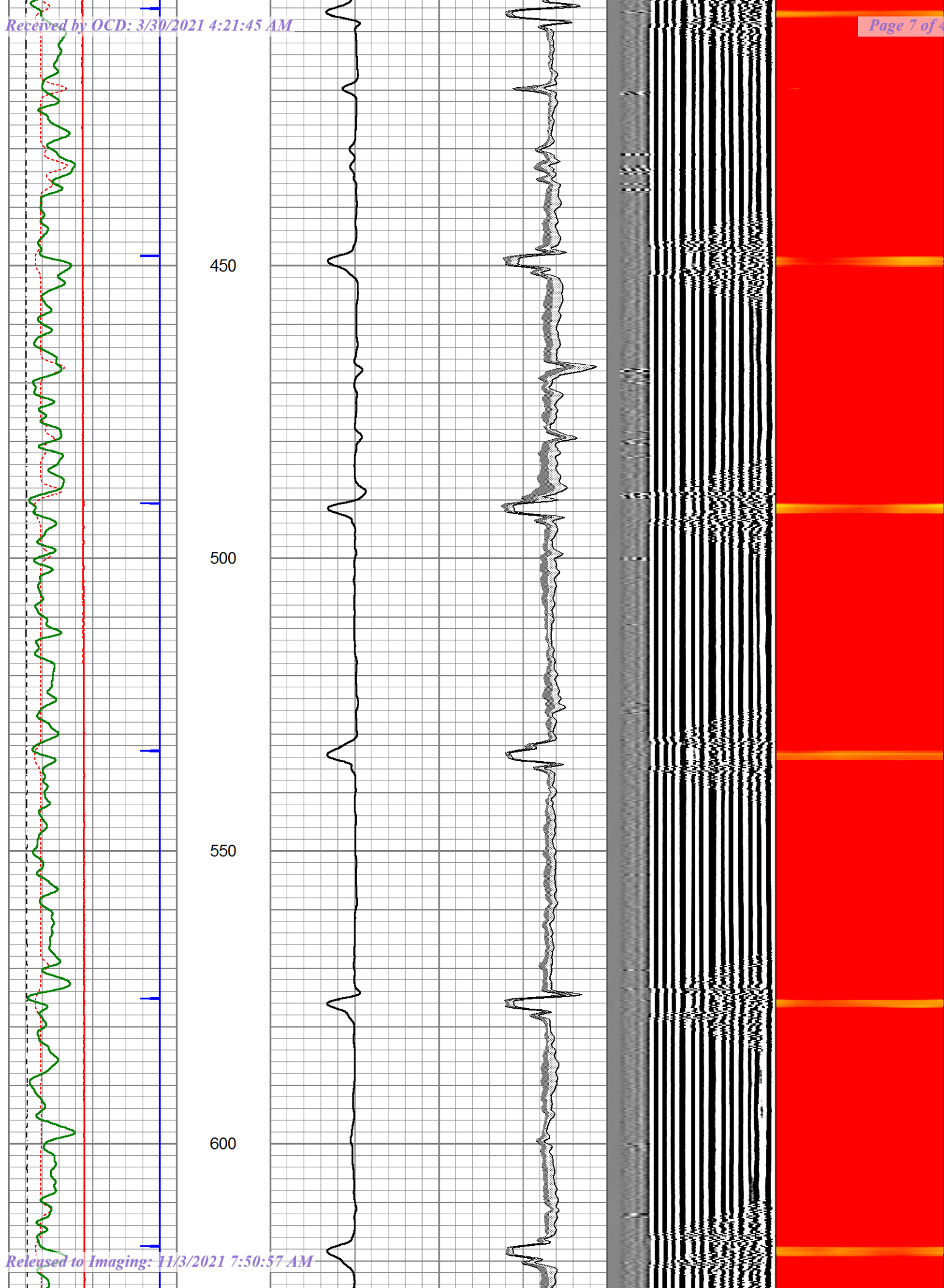
0	AMPMIN	150
0	AMPMAX	150
0	AMPAVG	150

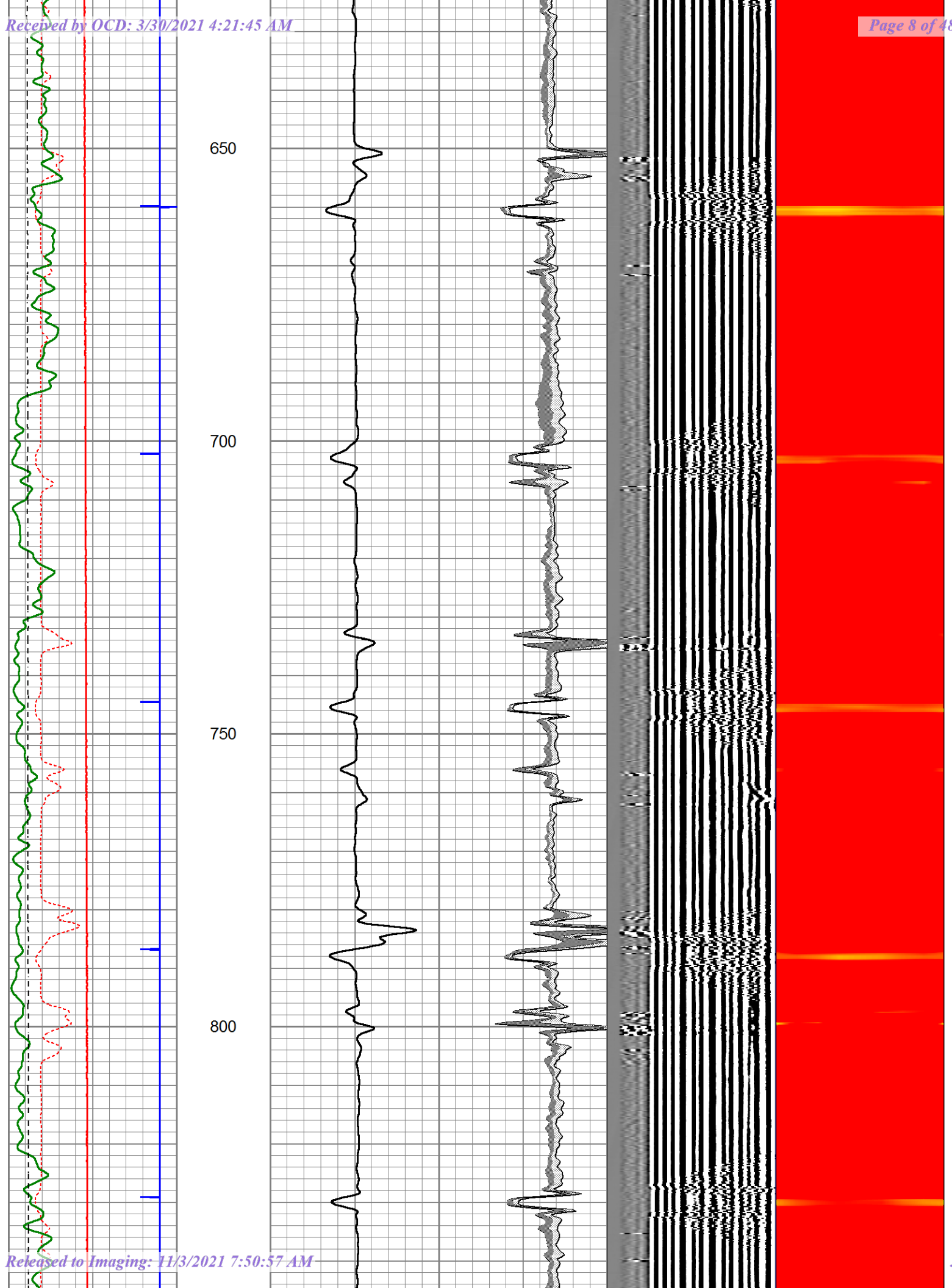
200	VDI	1200
-----	-----	------

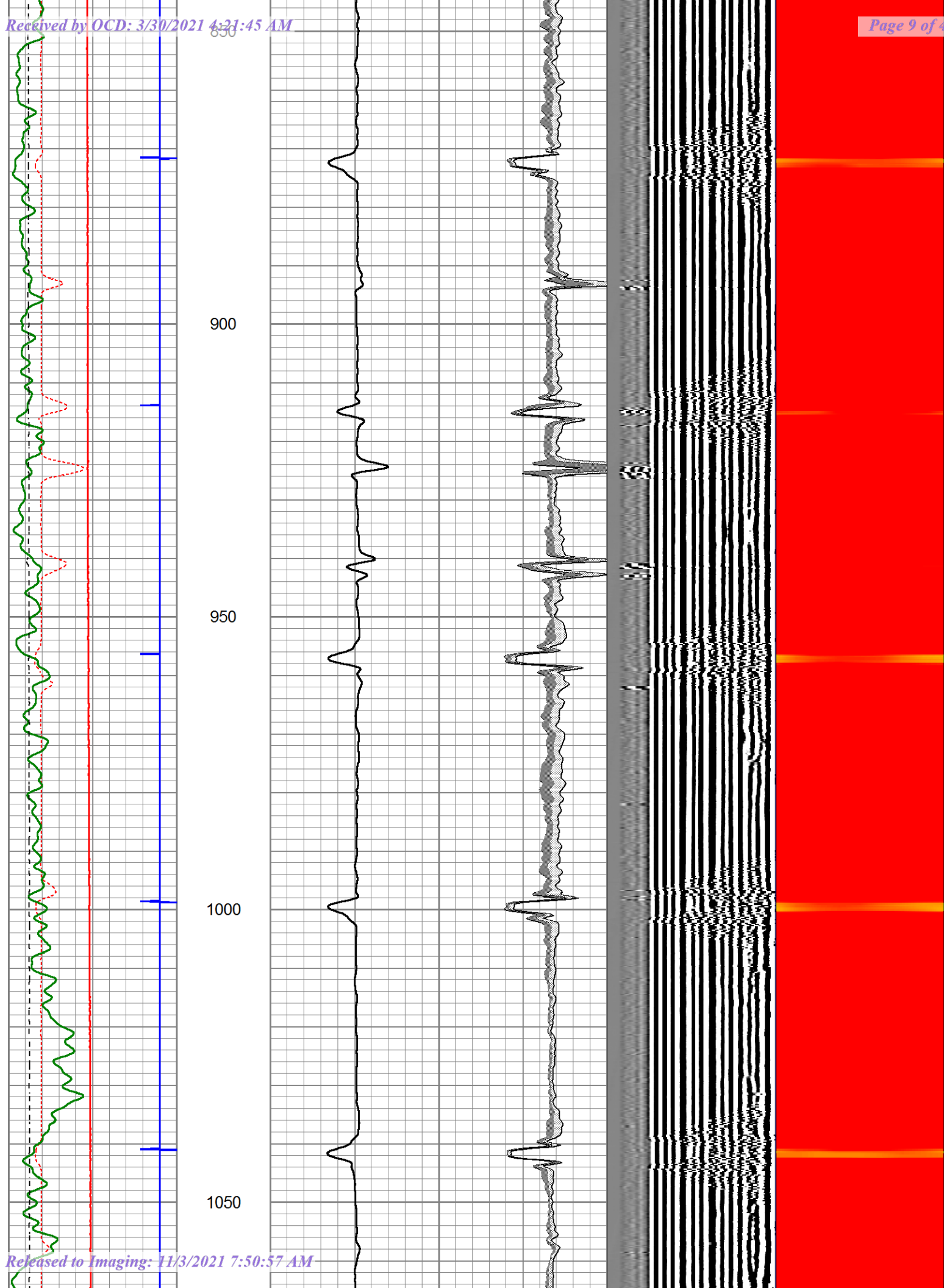
1	VAD	8
1		70

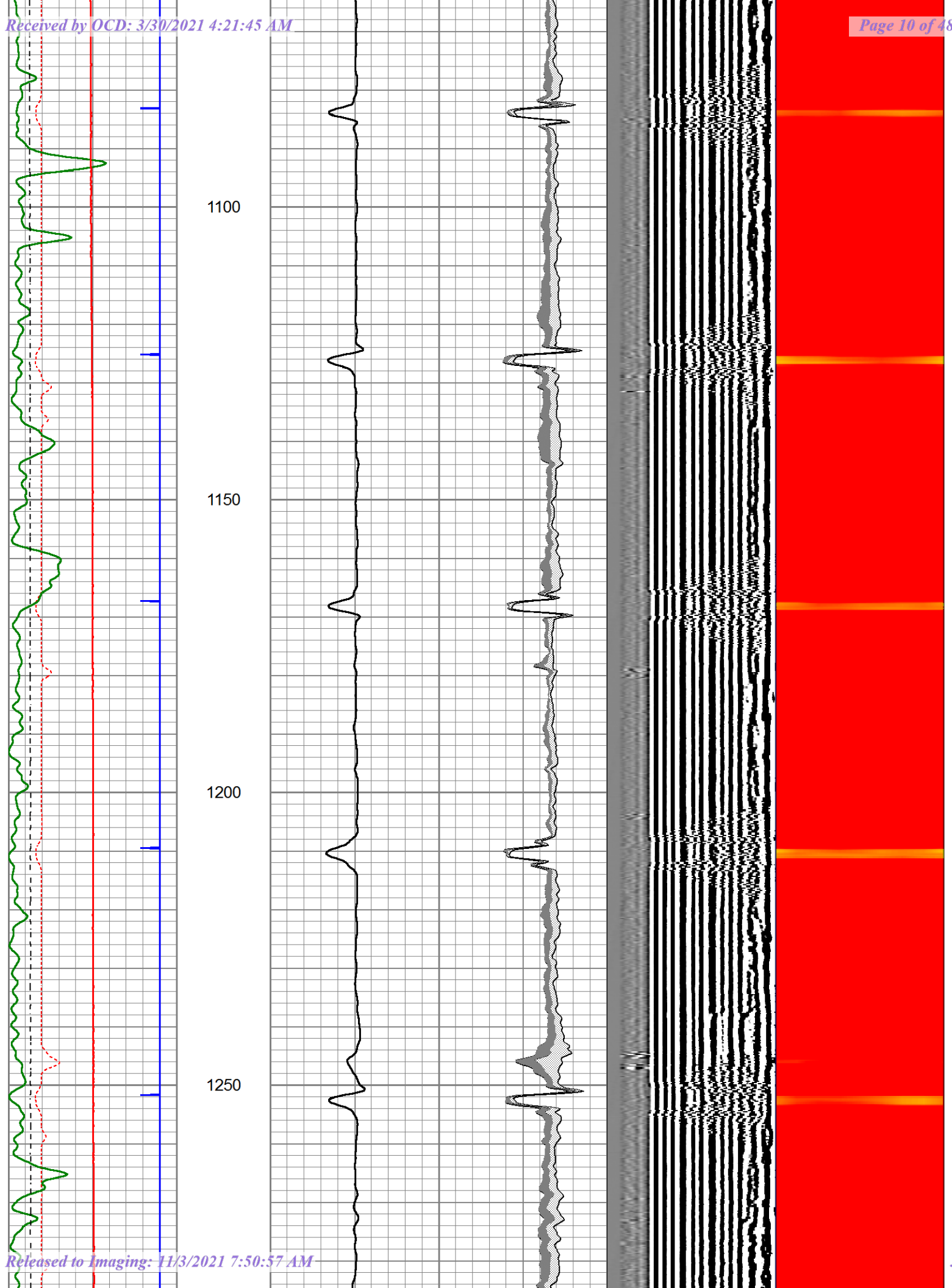


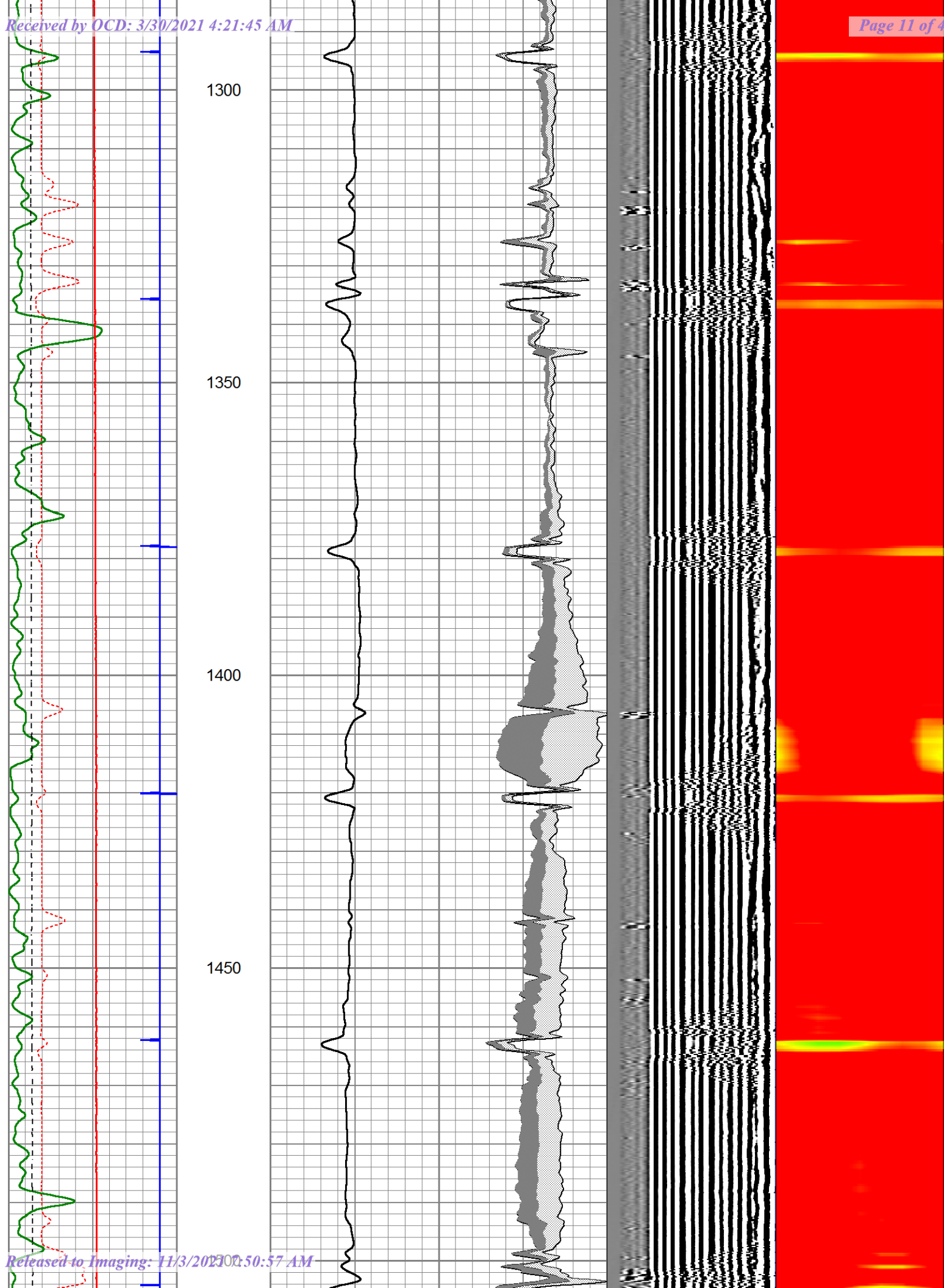


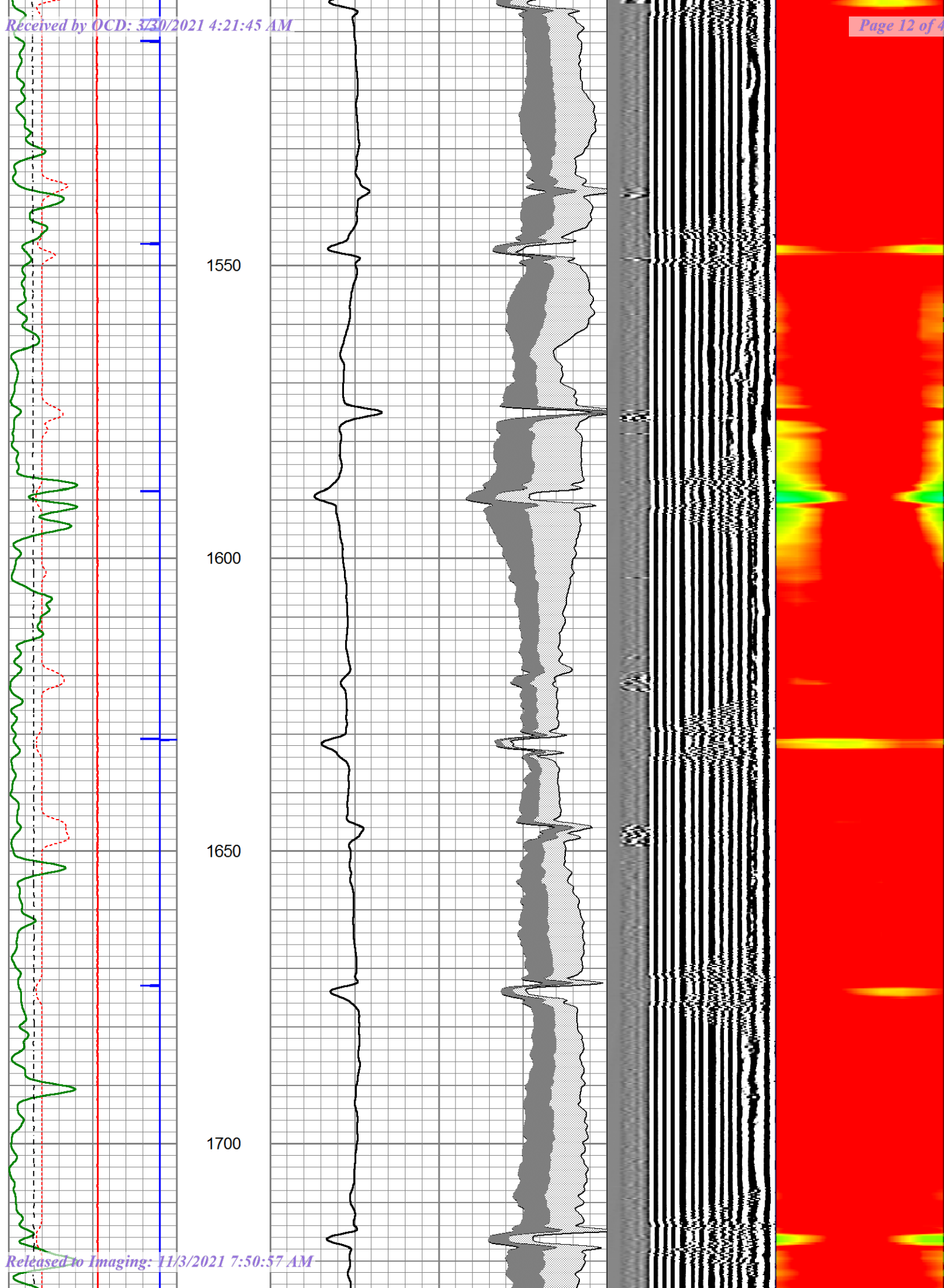


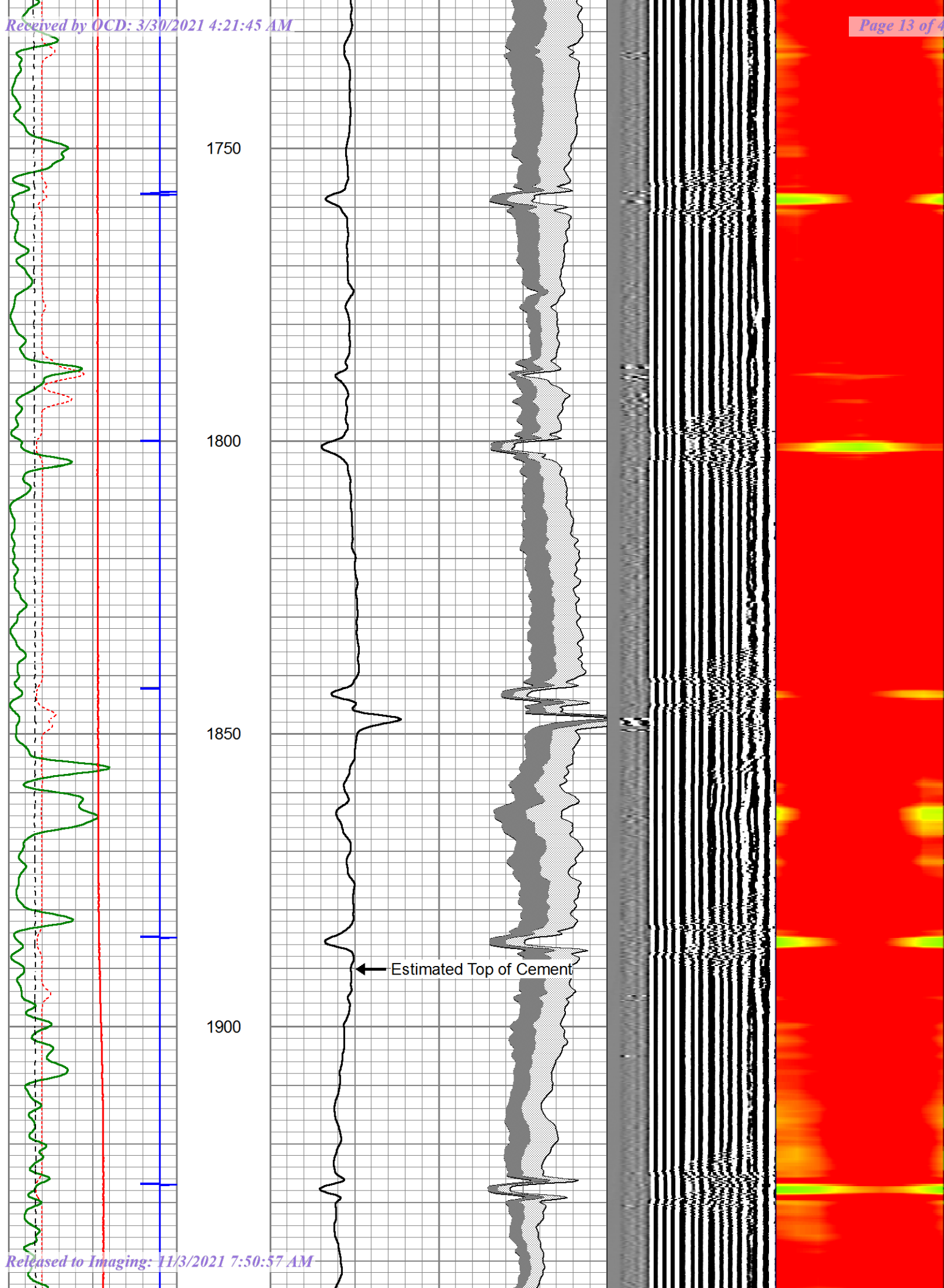


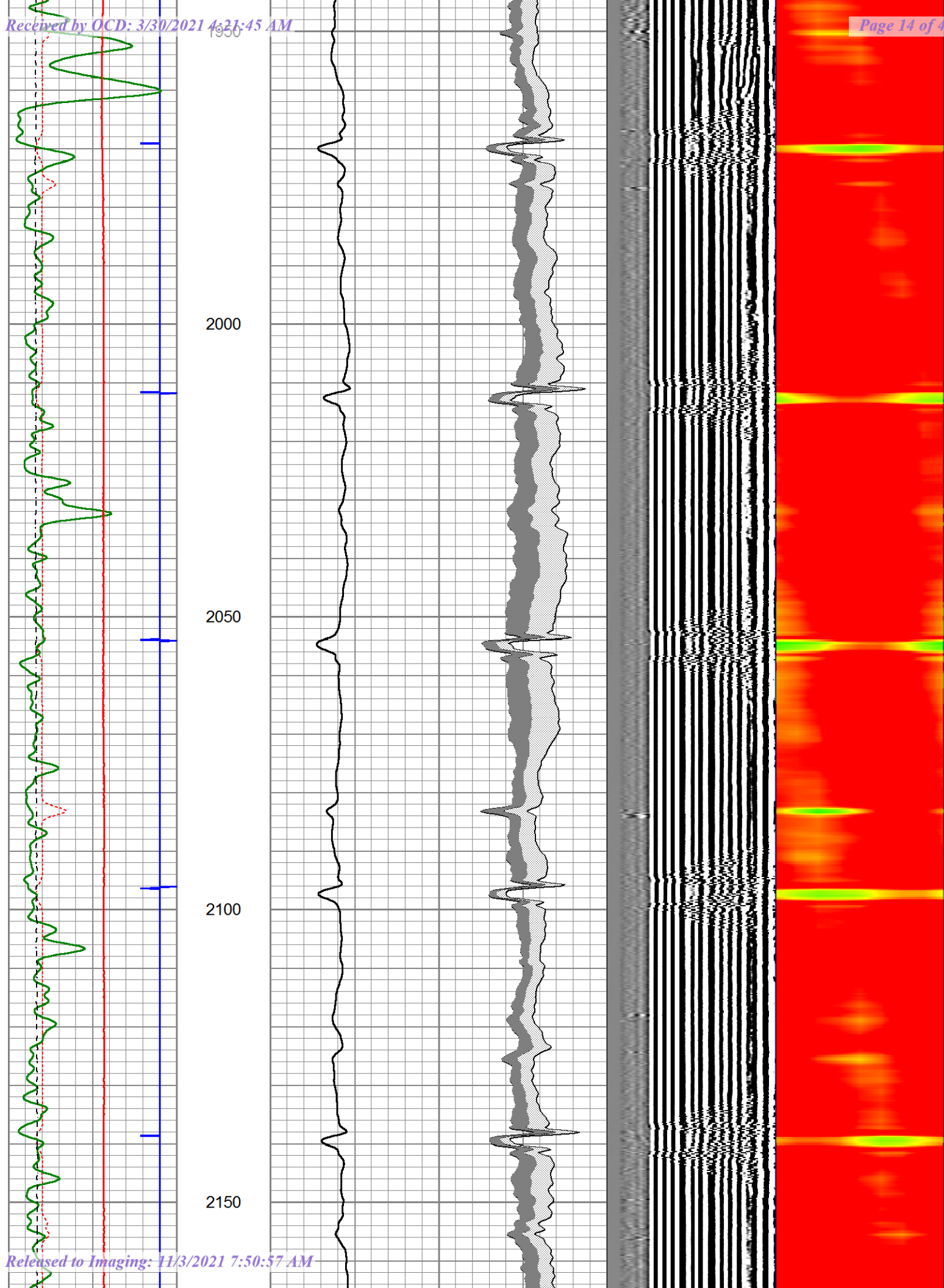


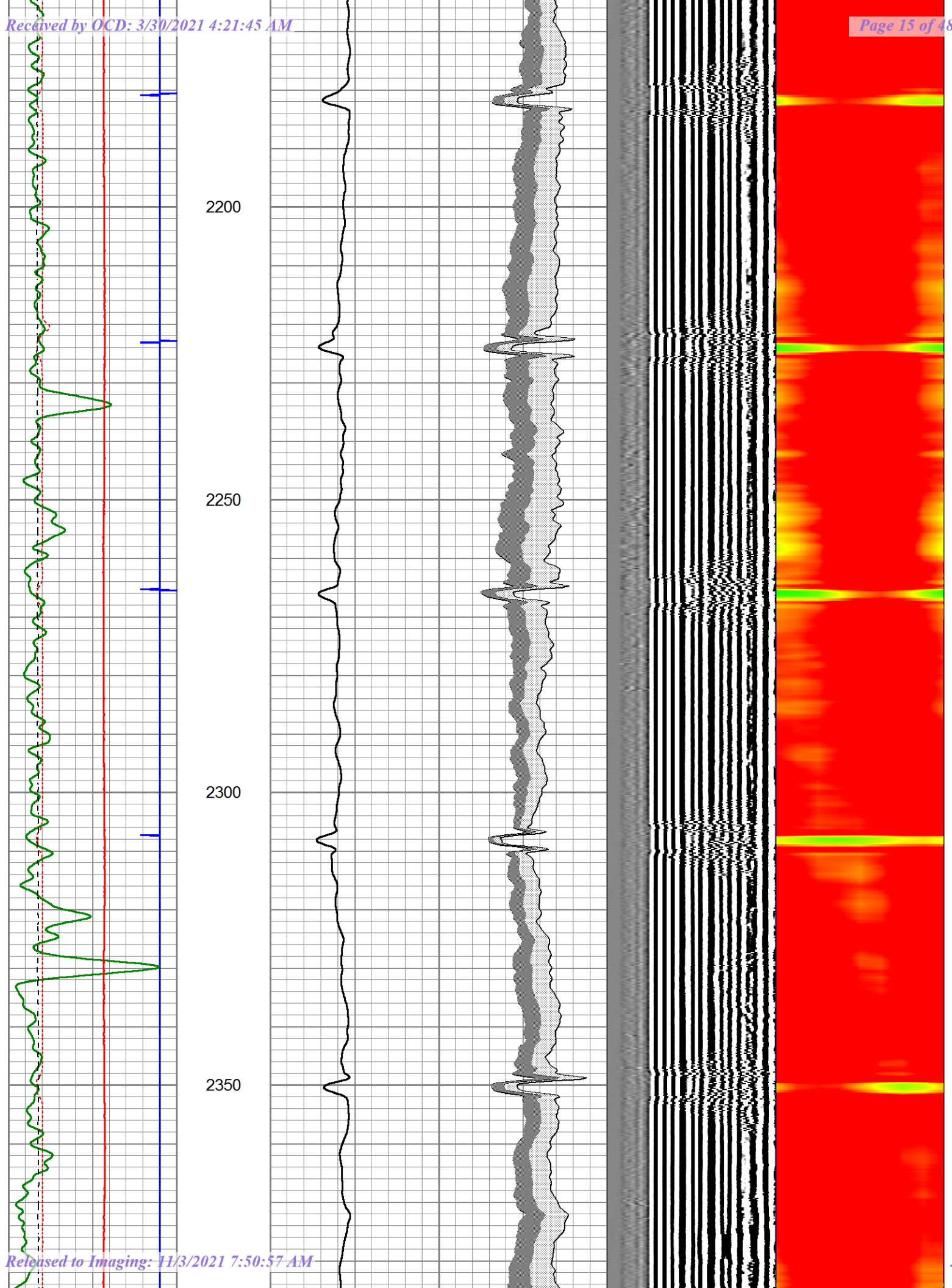


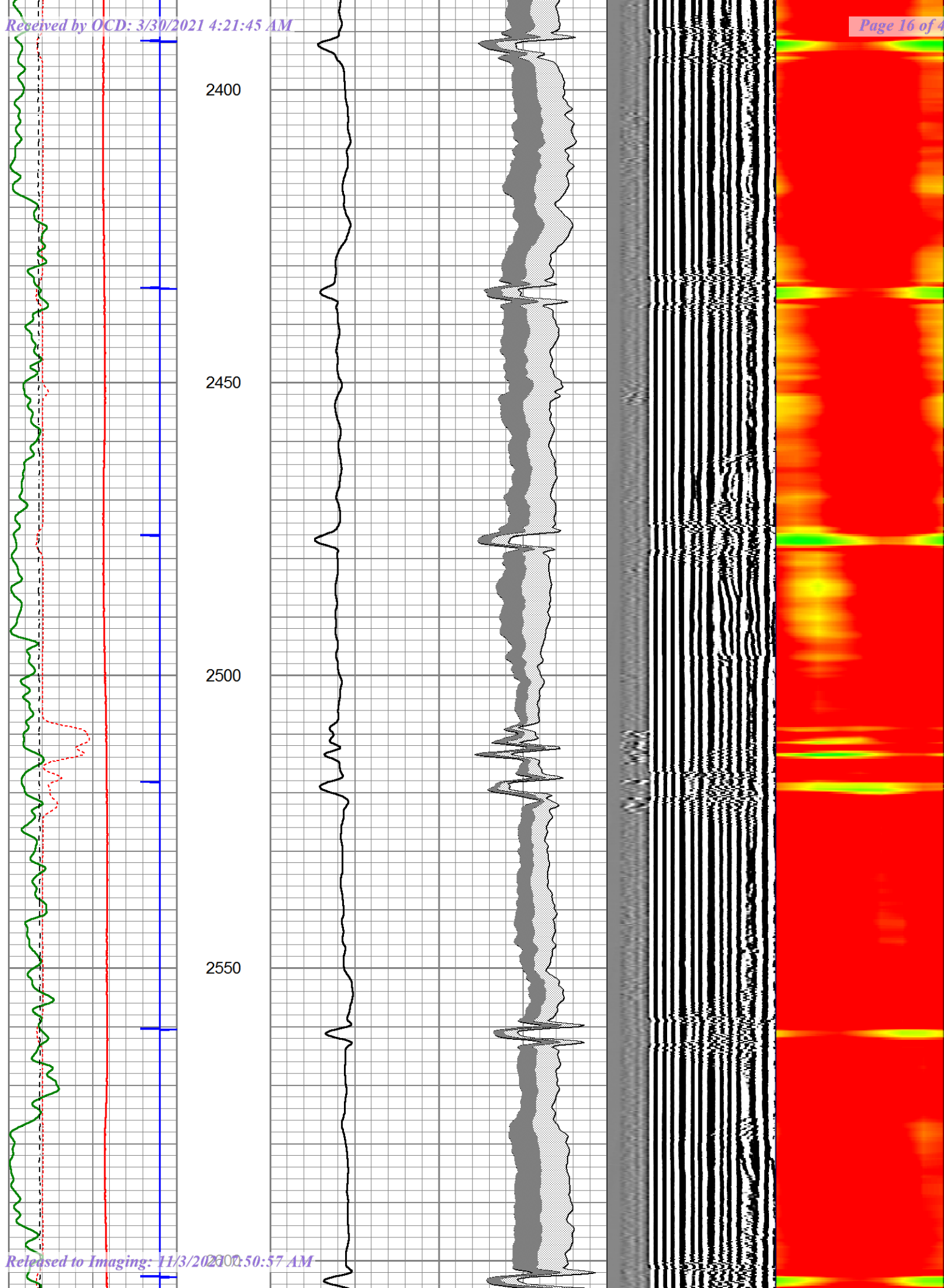


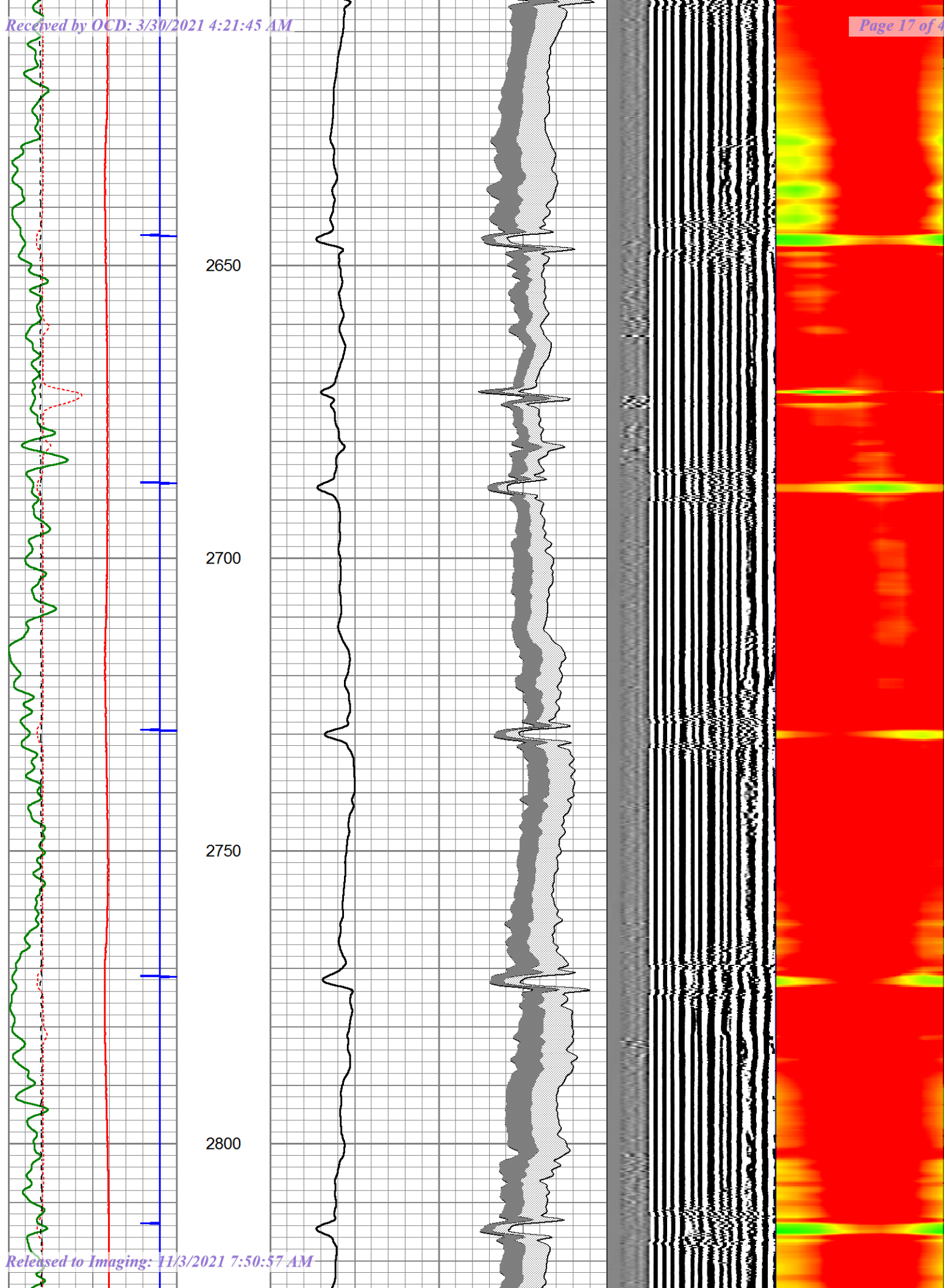


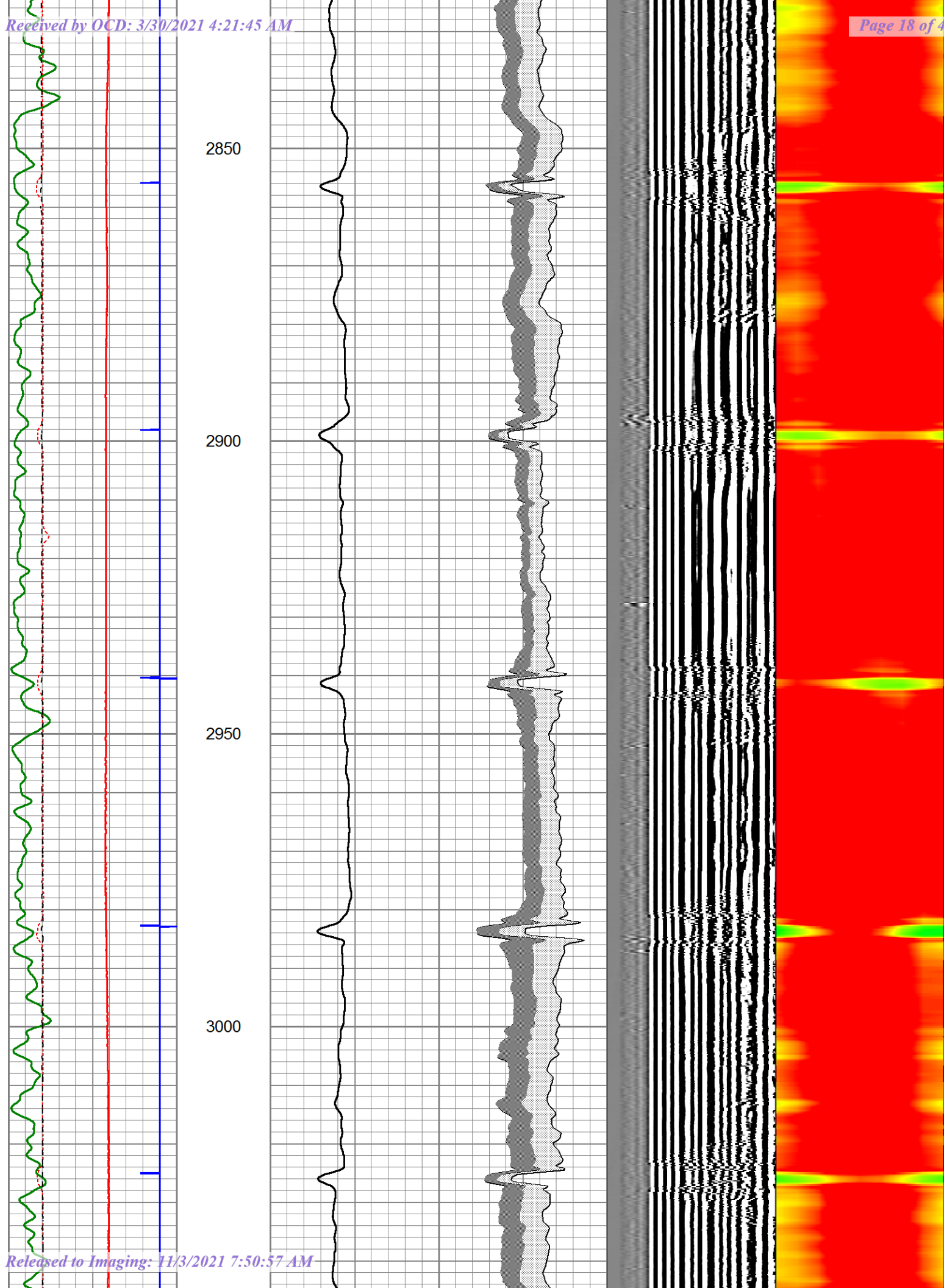


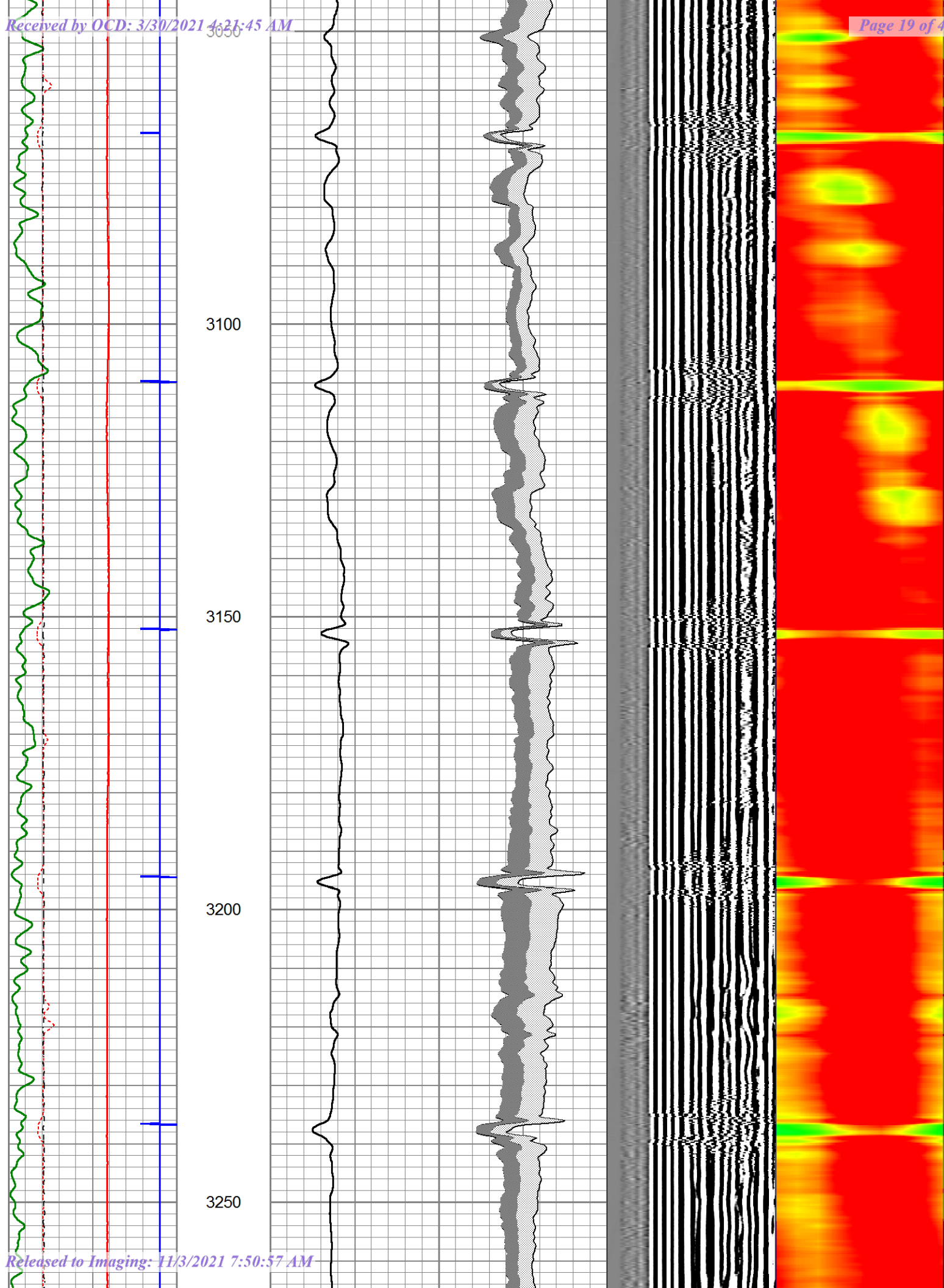


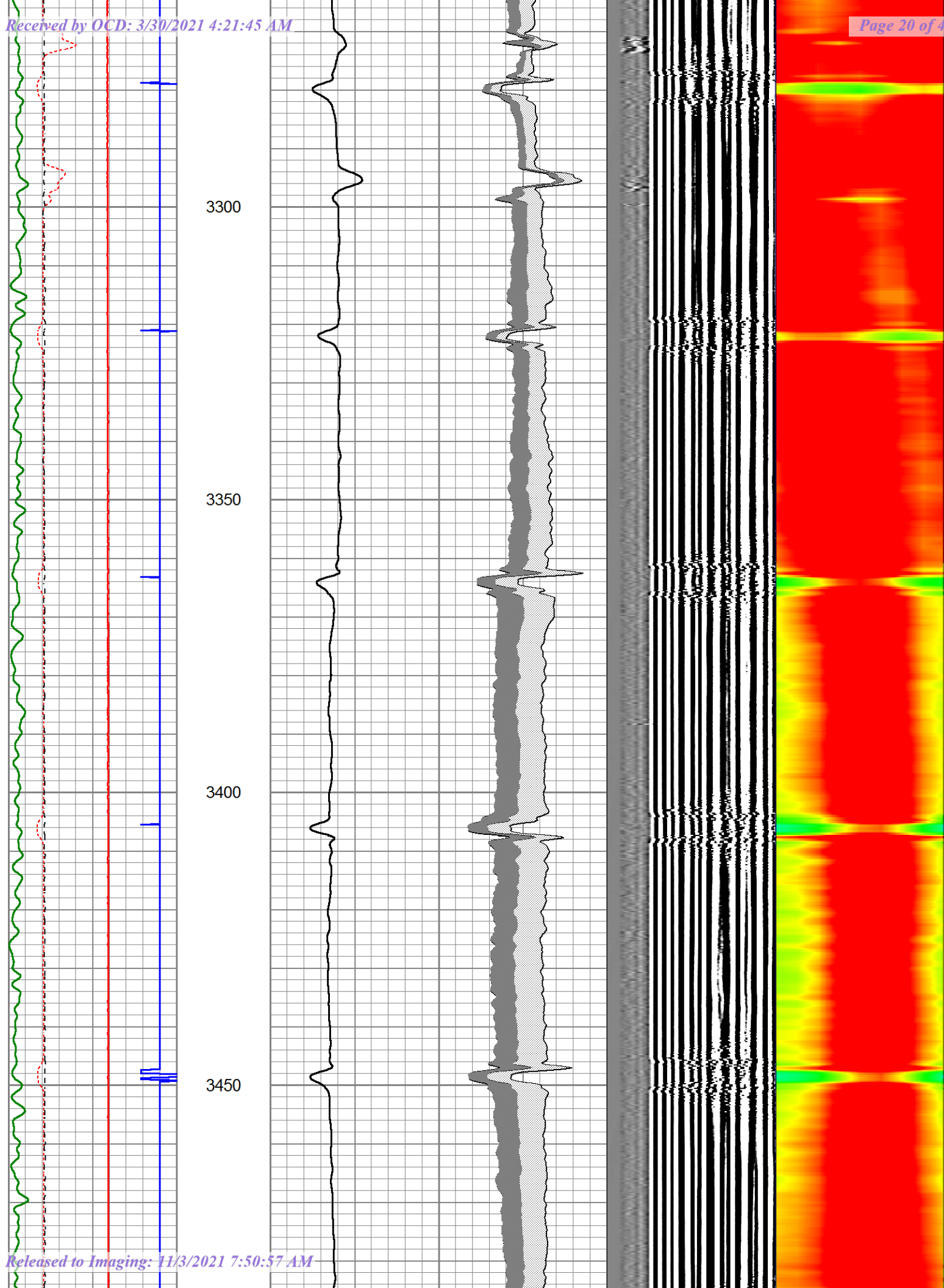


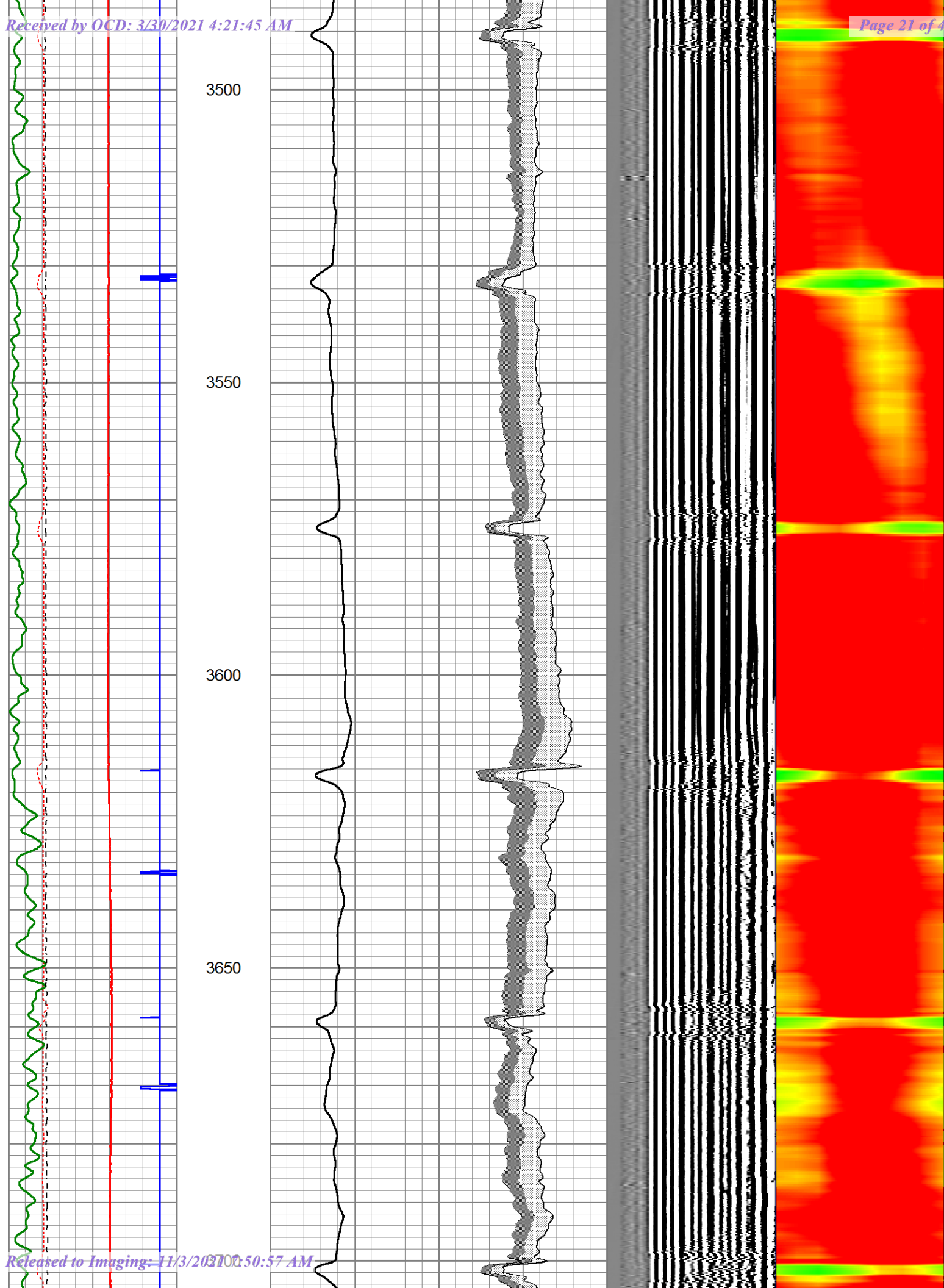


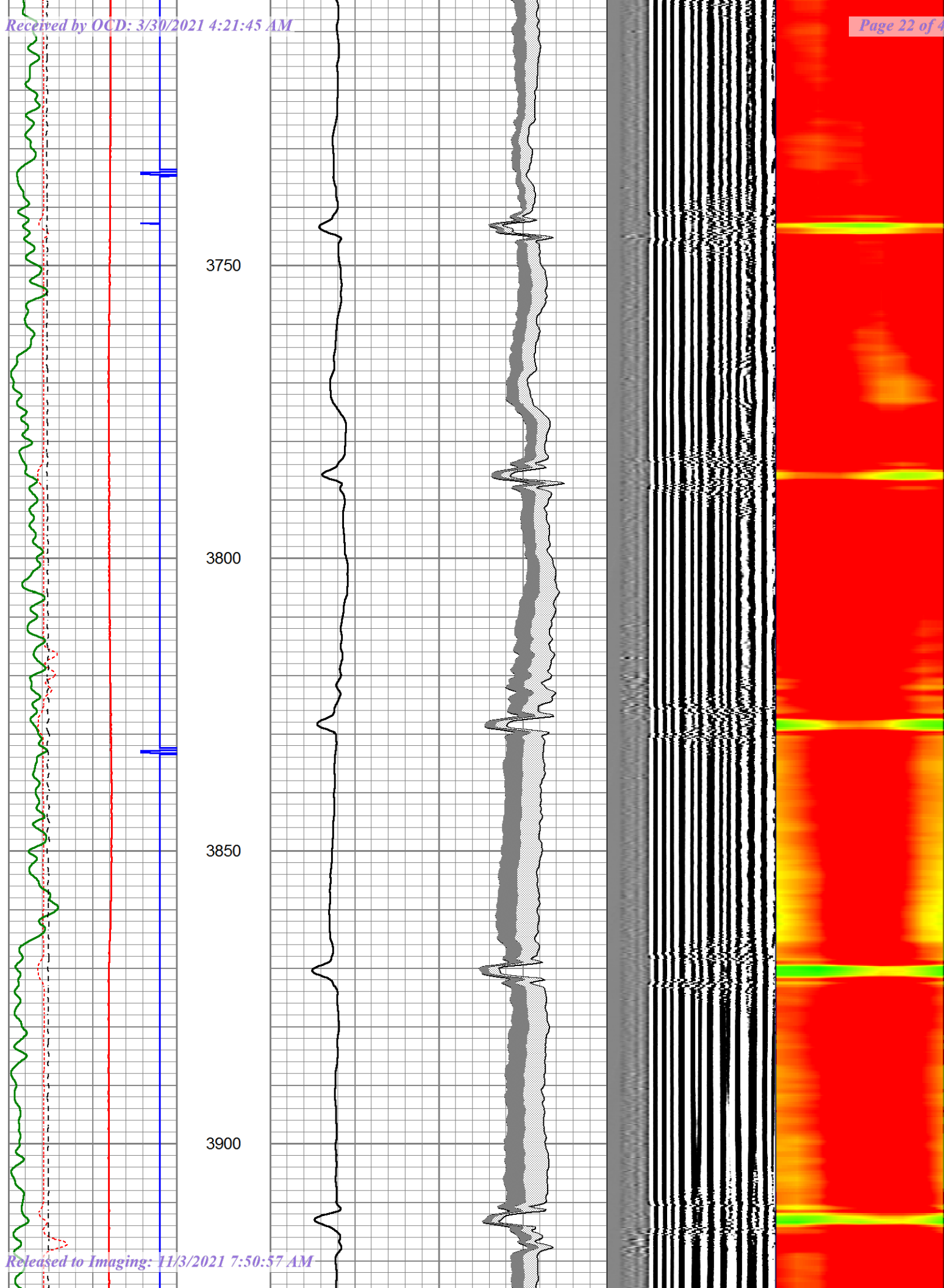


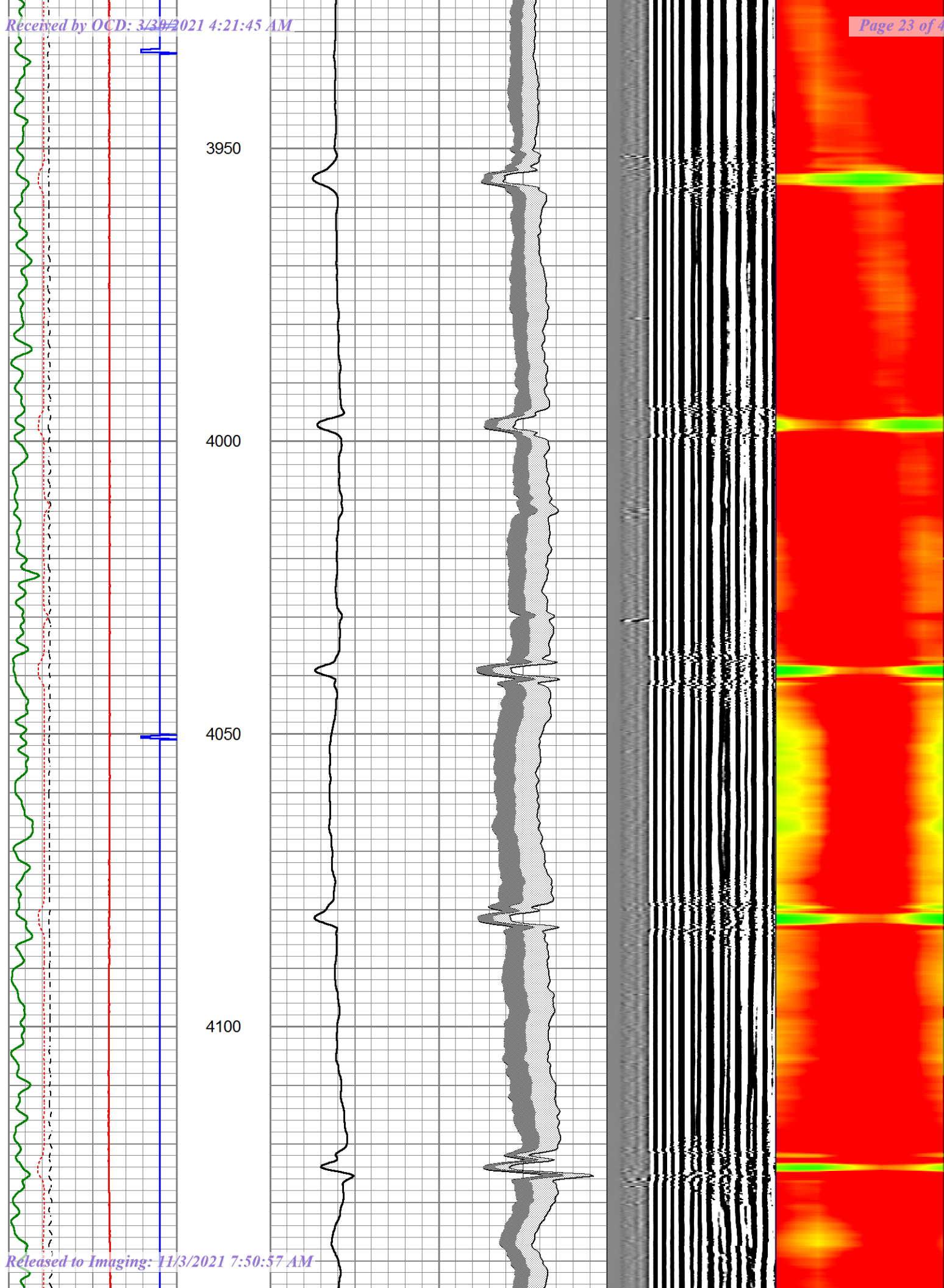


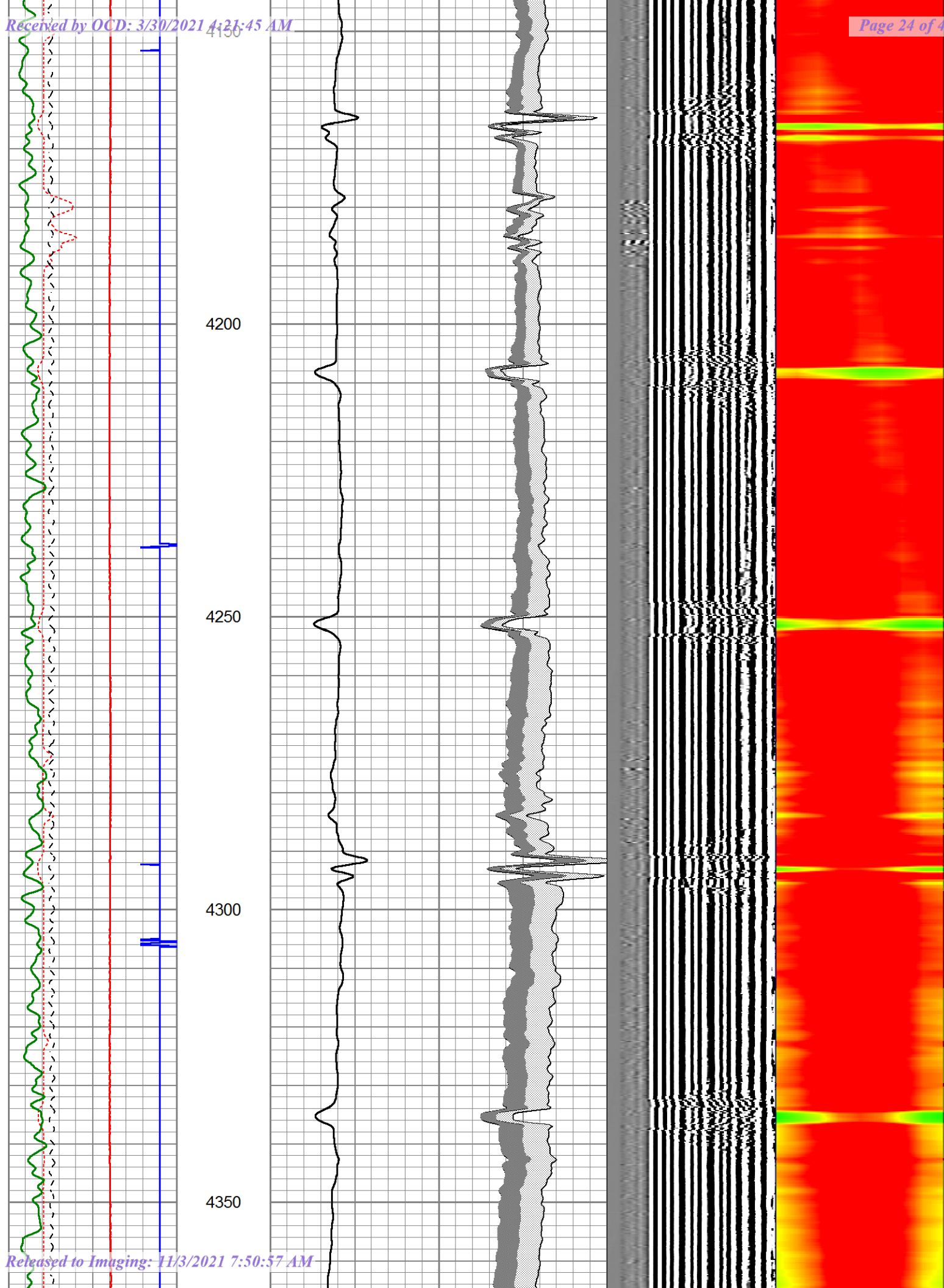


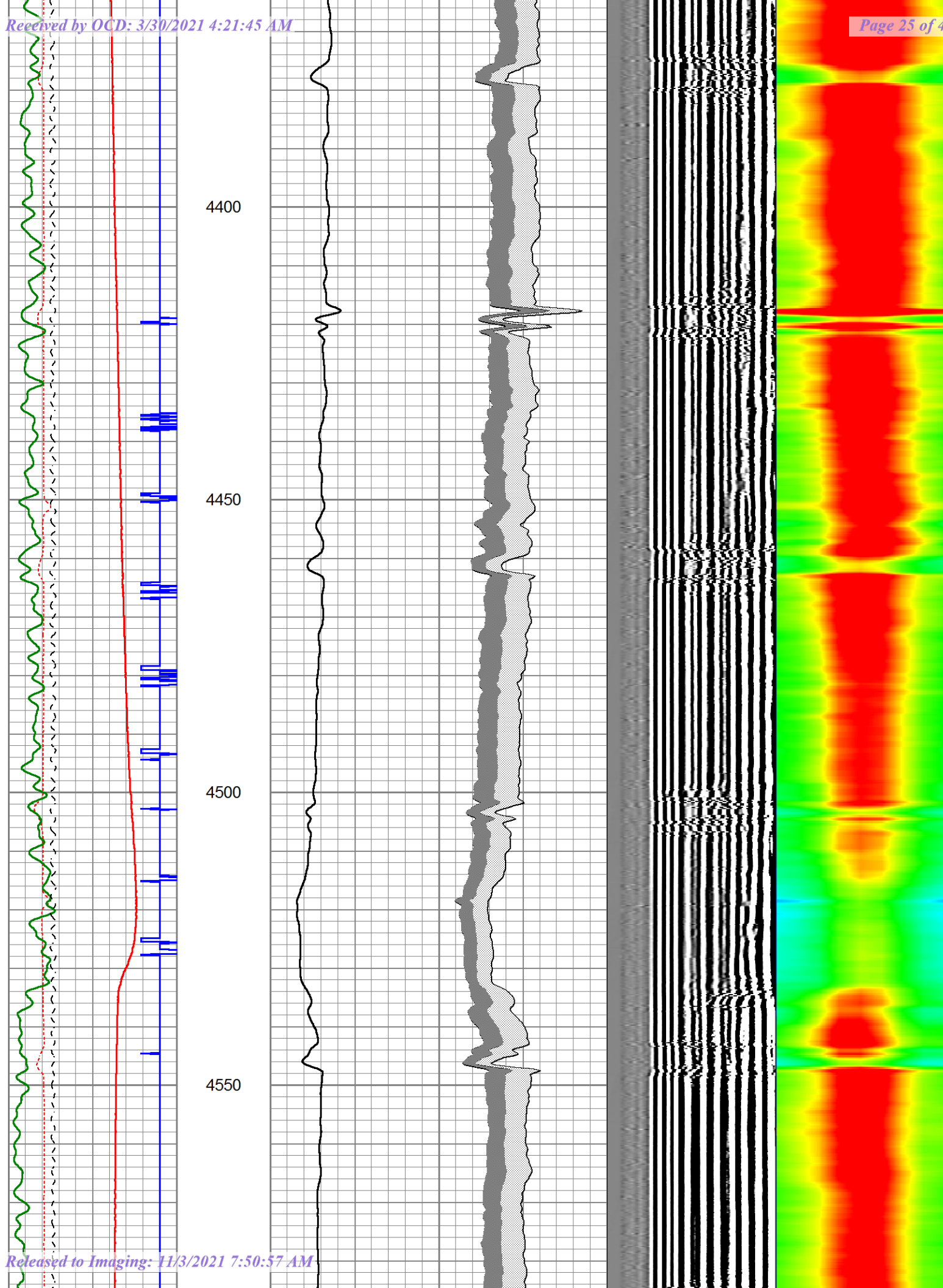


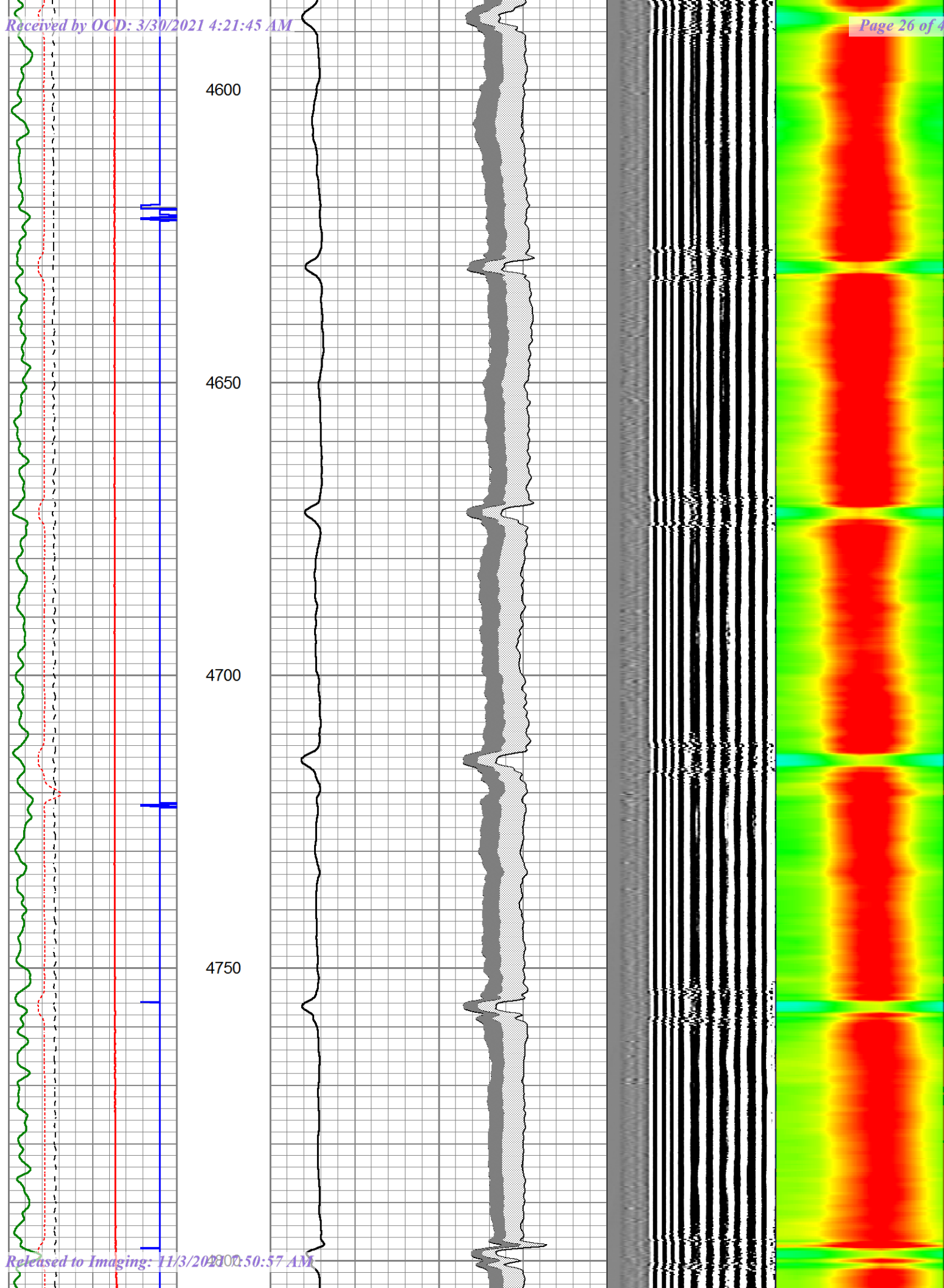


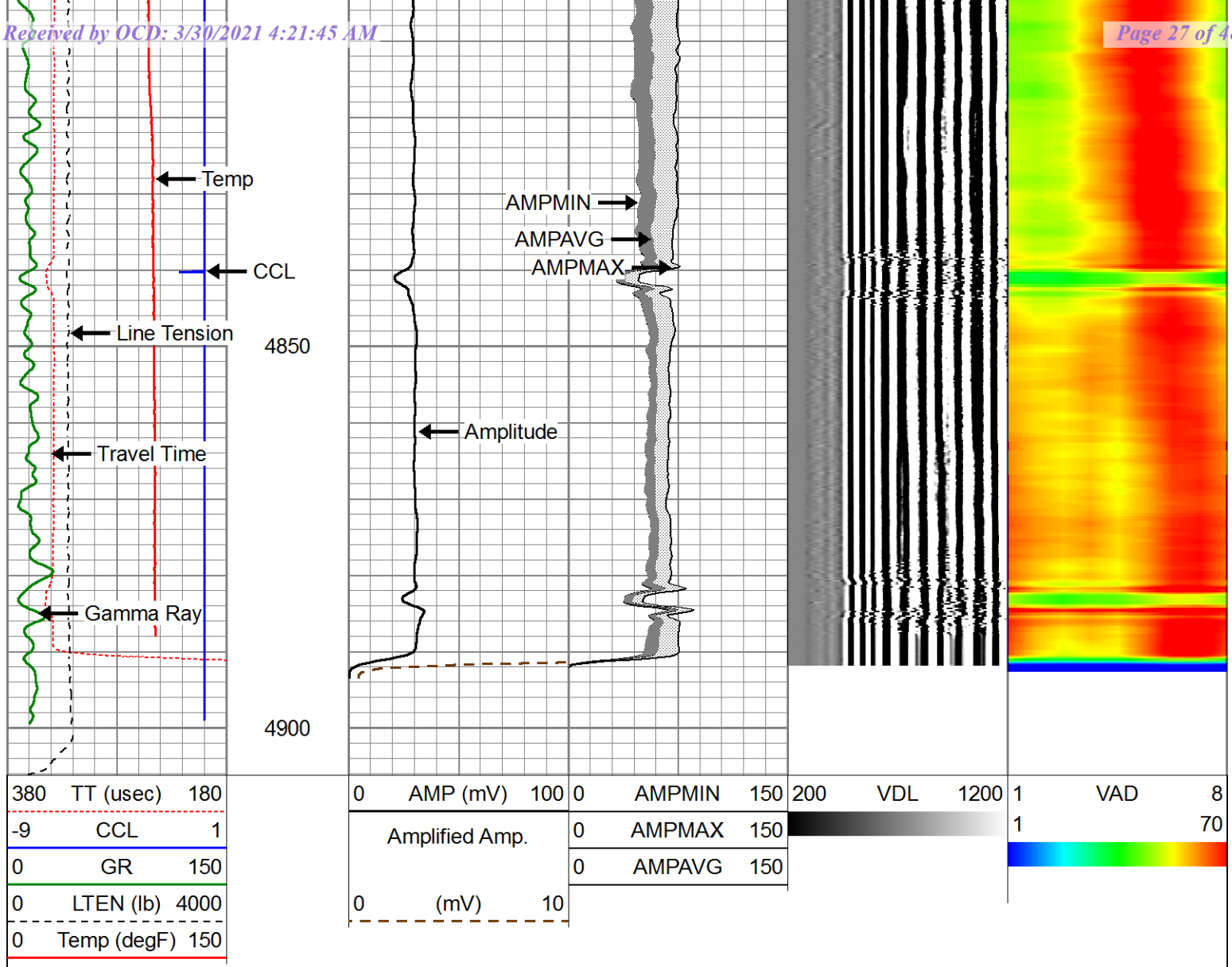








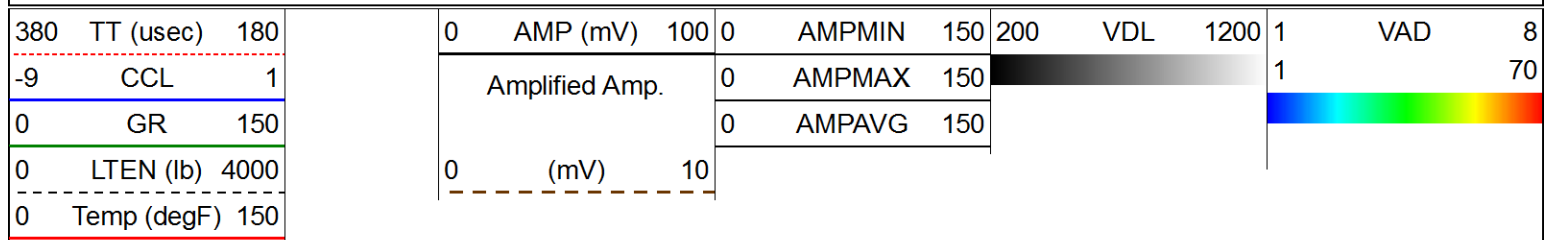


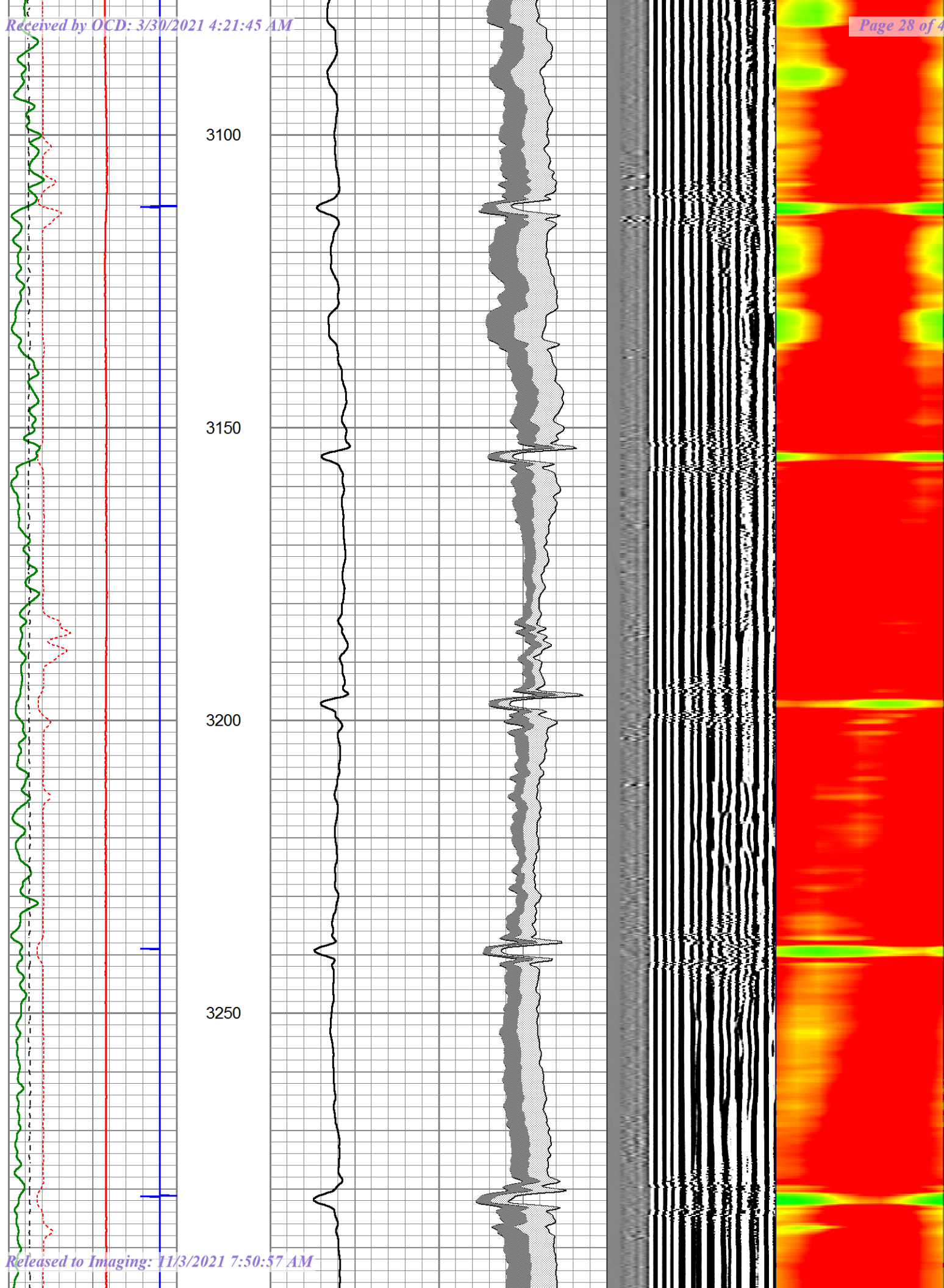


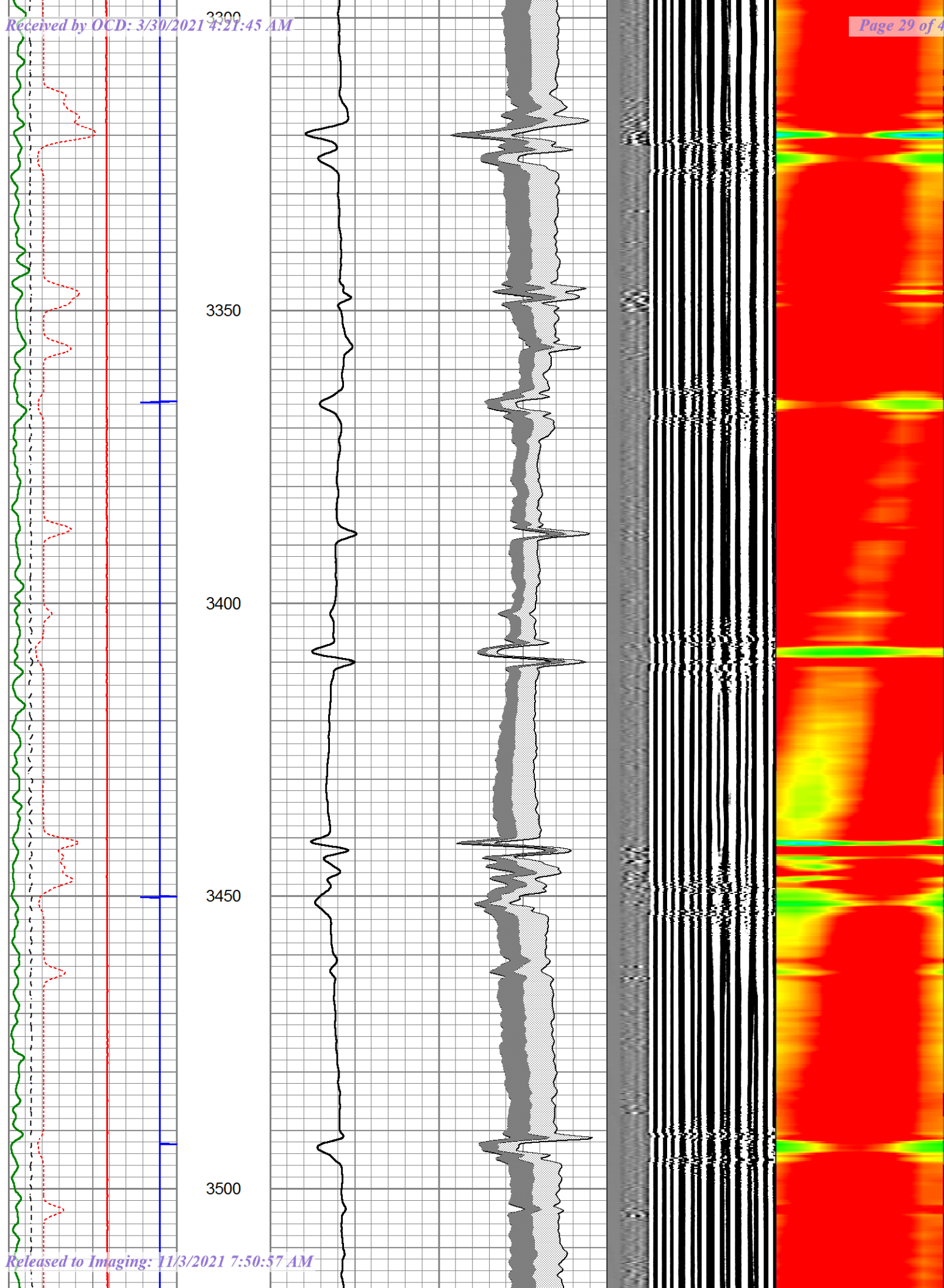
Dialog
Wireline Services, L.L.C.
DV2

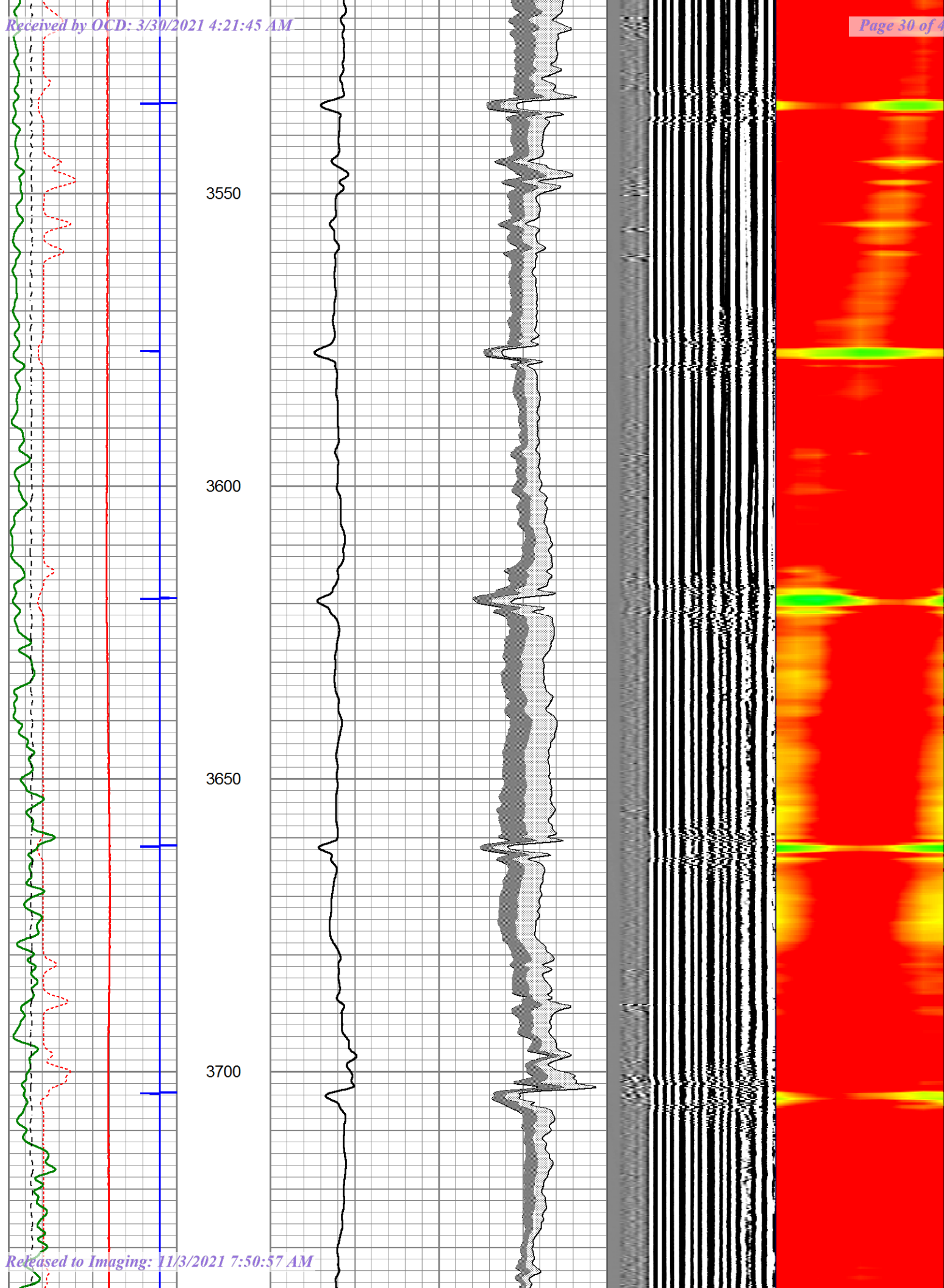
Repeat Pass Recording Down

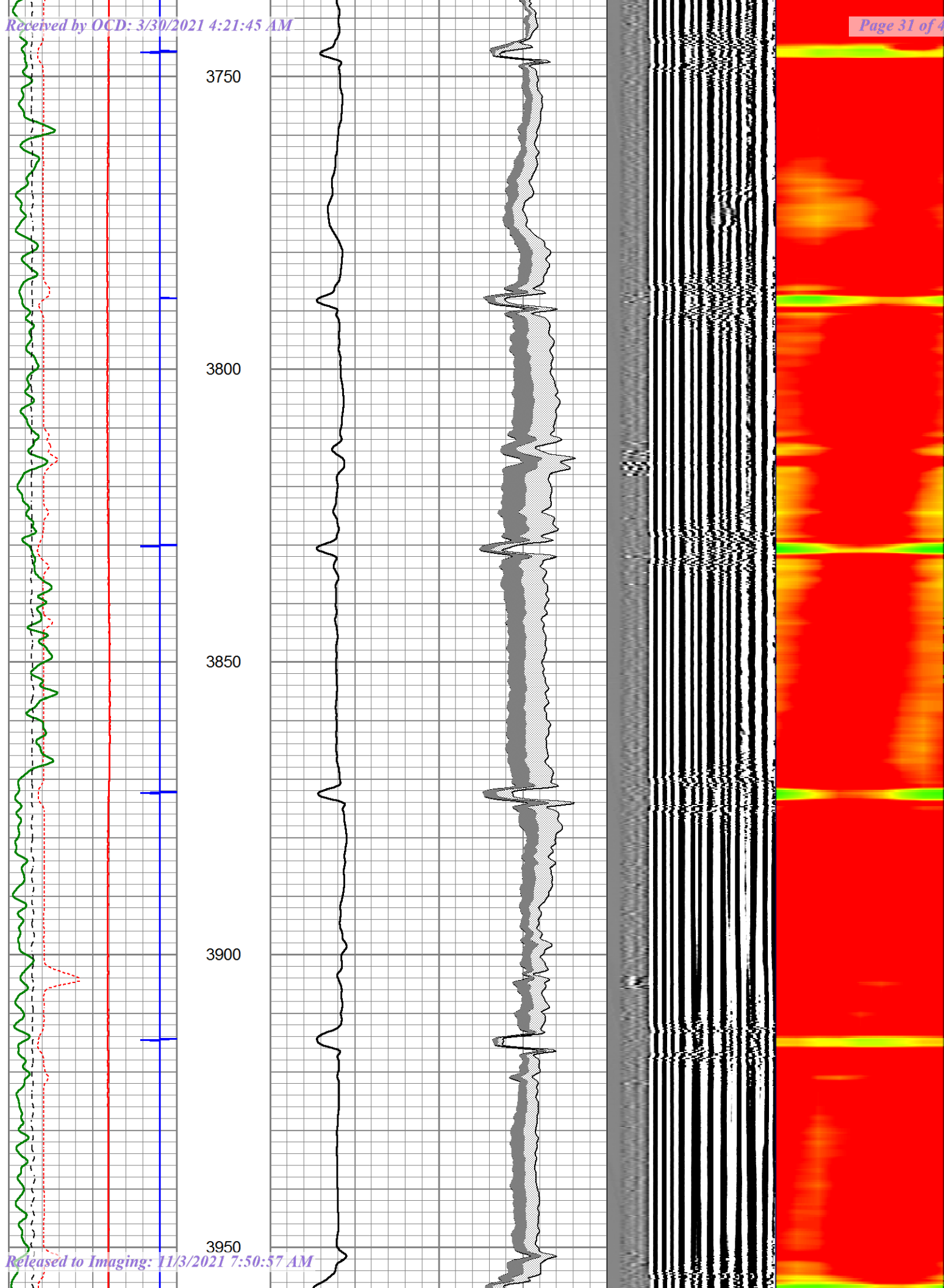
Database File: caza_rbl_02_17_21.db
Dataset Pathname: pass3
Presentation Format: colnmnx
Dataset Creation: Thu Feb 18 16:19:27 2021
Charted by: Depth in Feet scaled 1:240

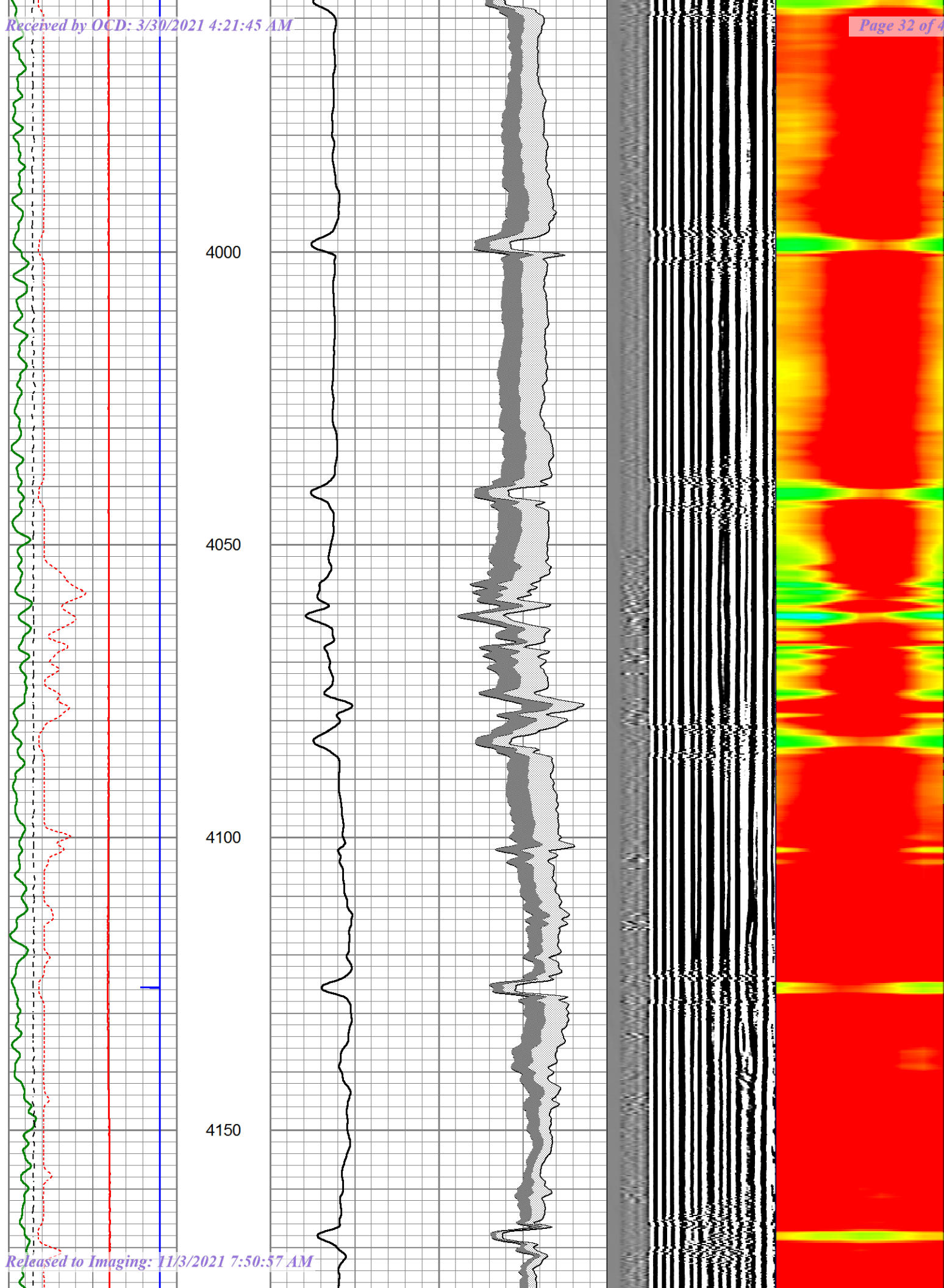


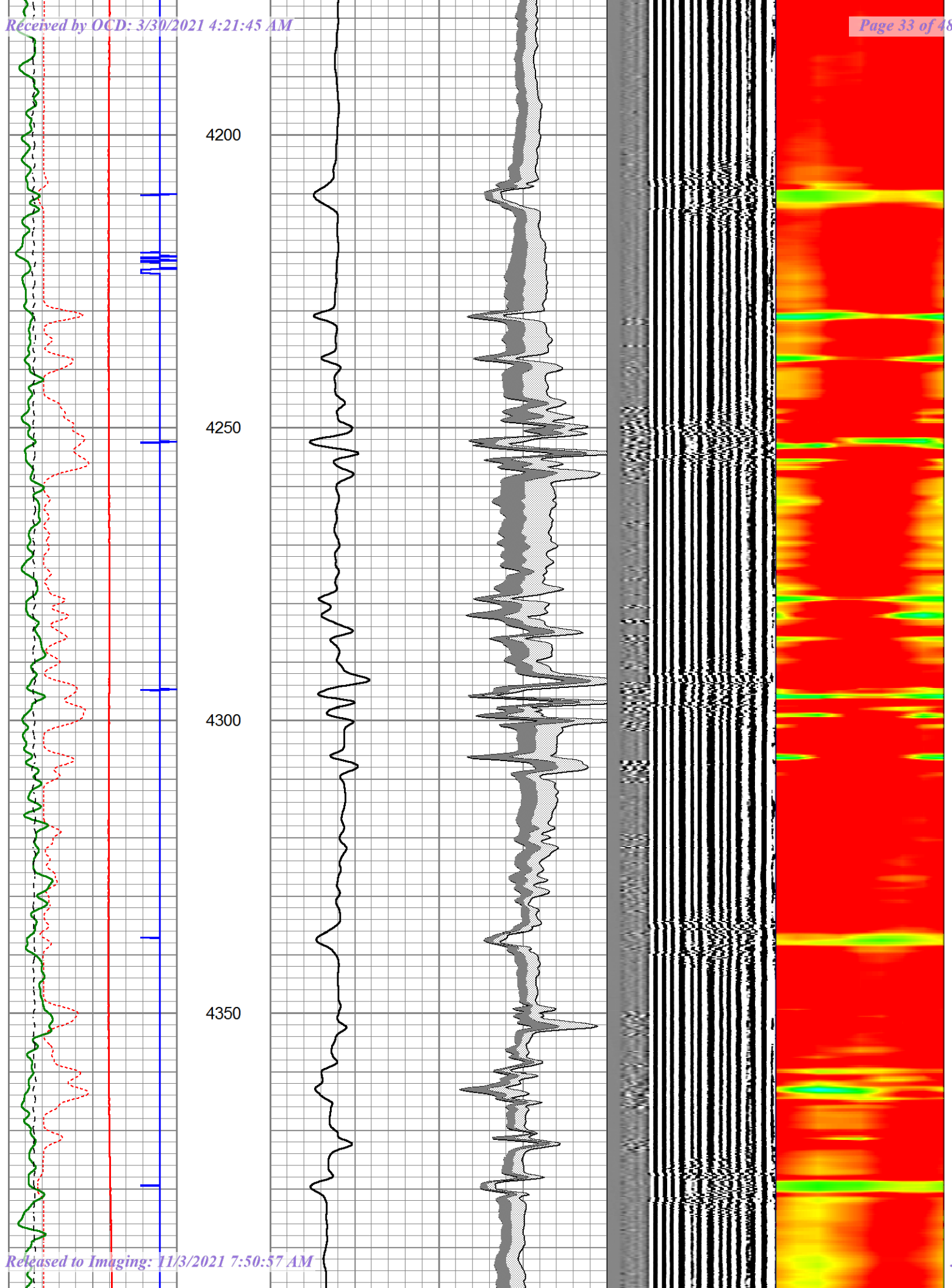


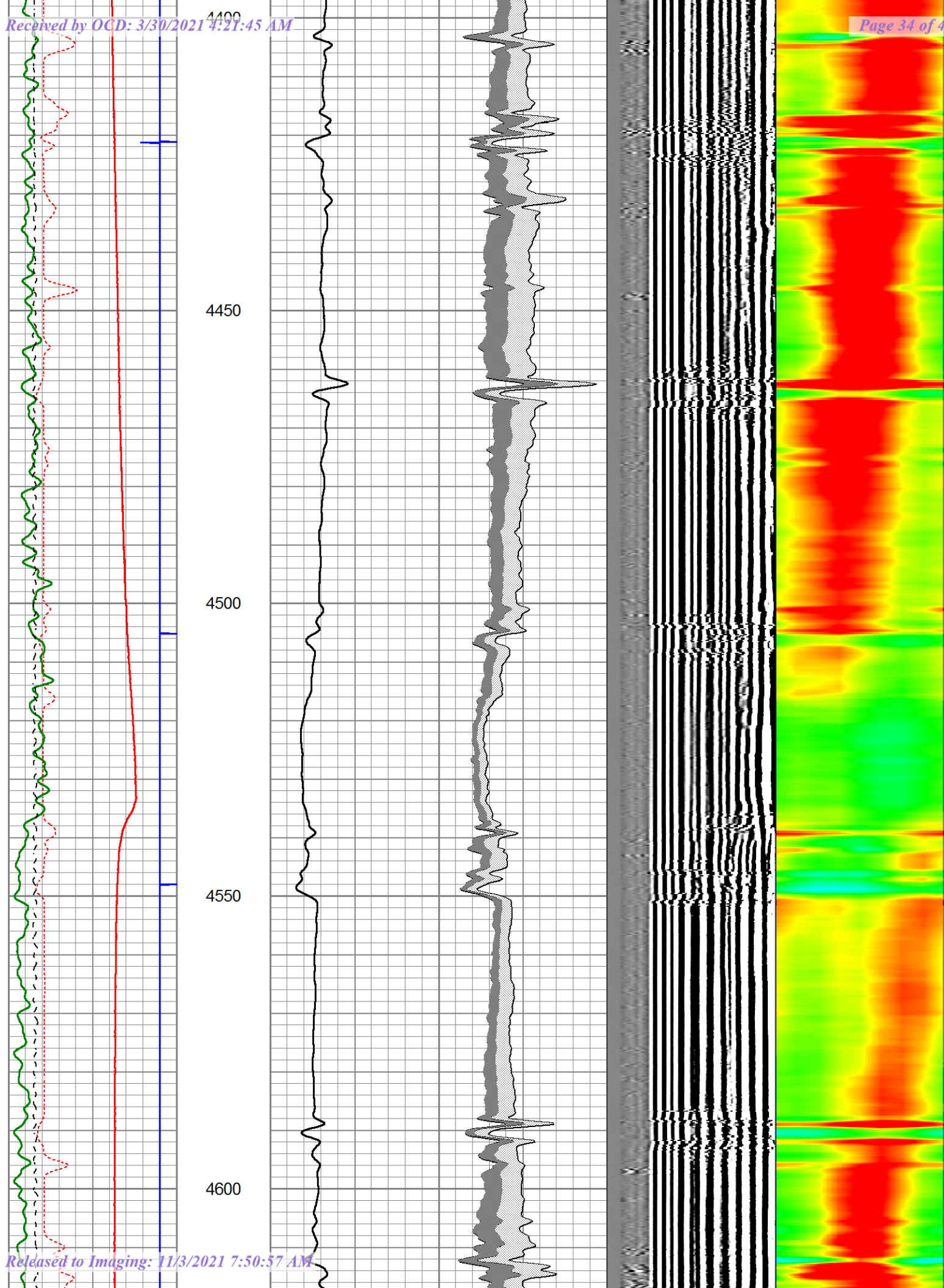


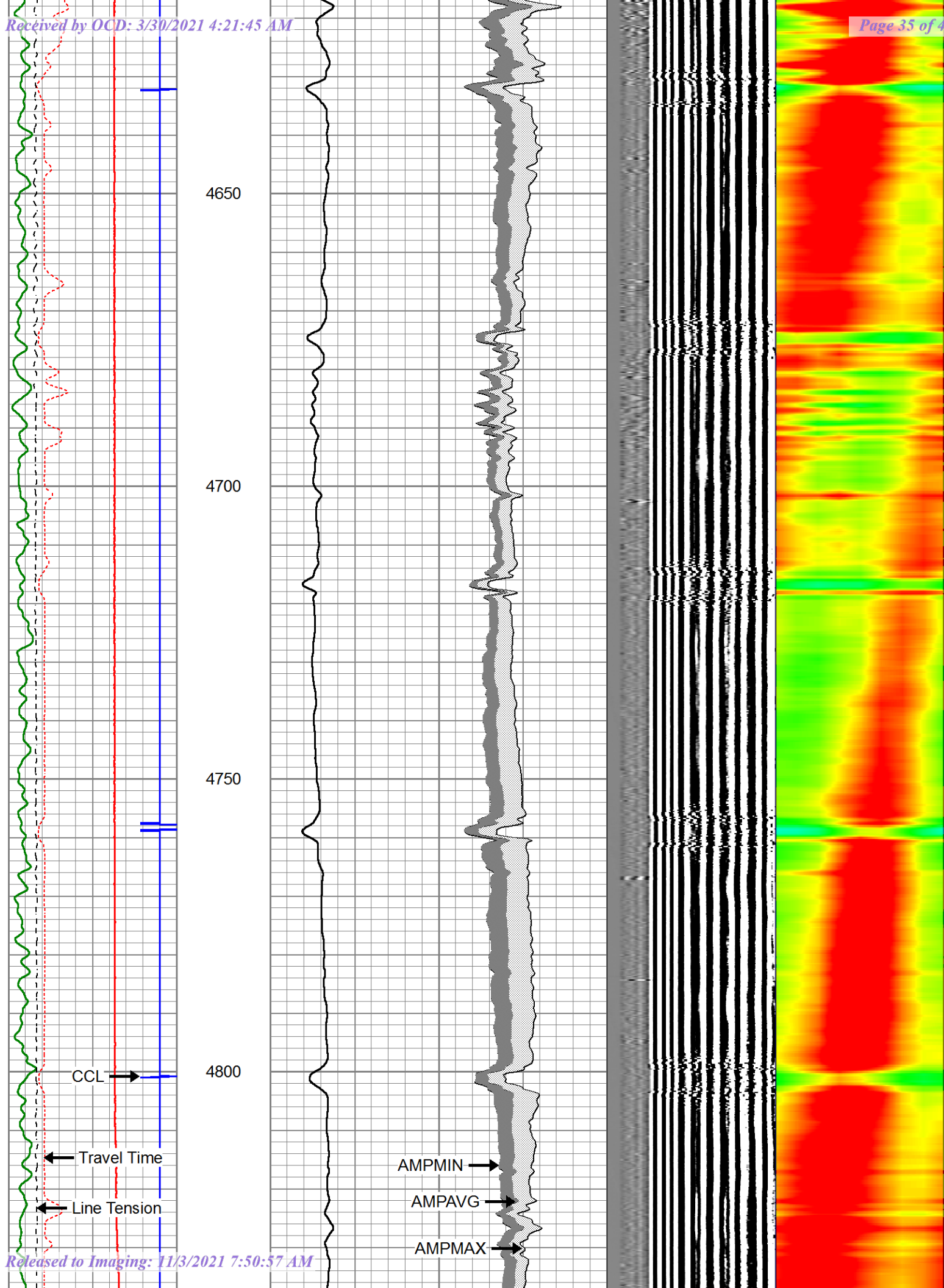


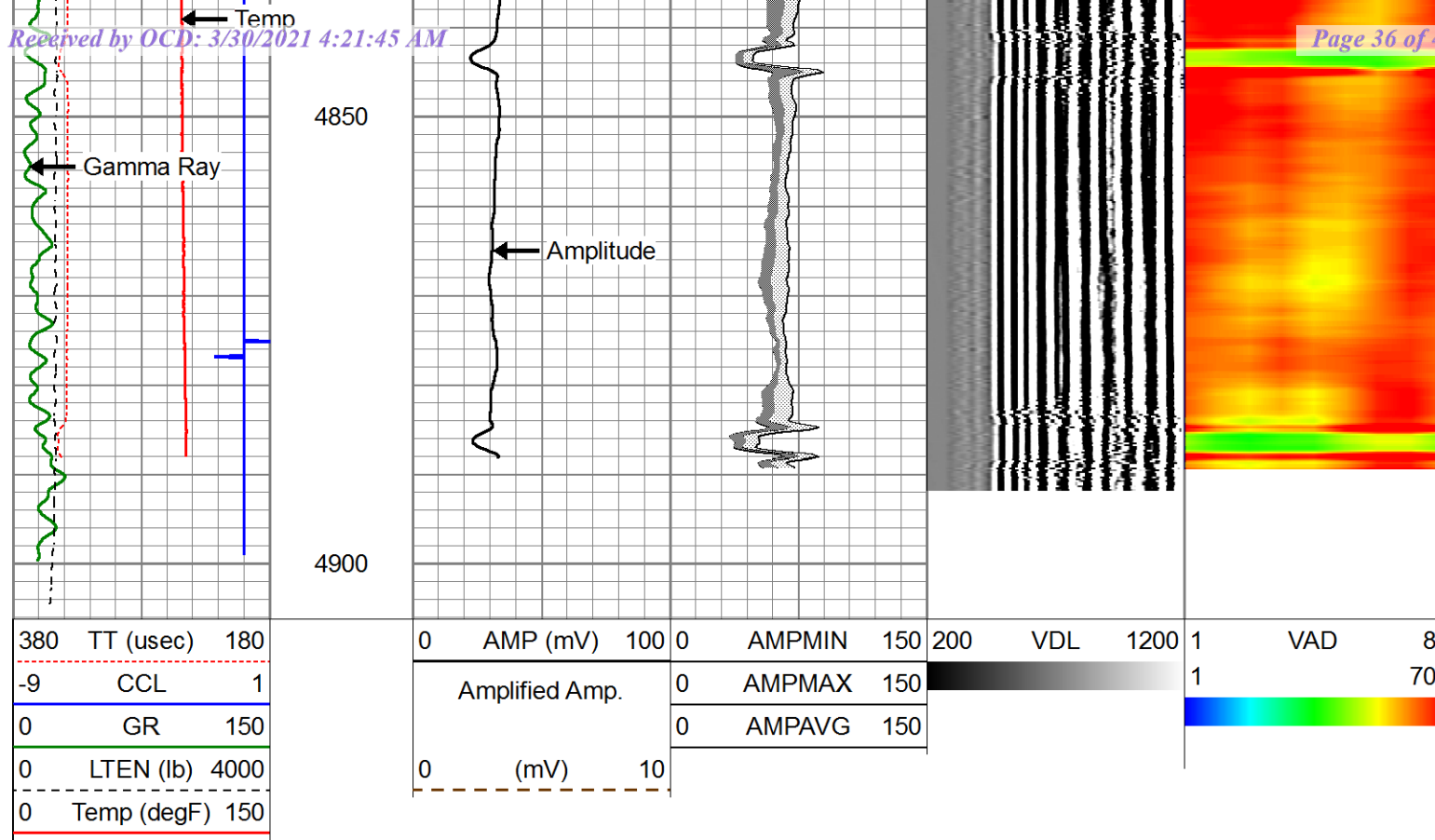












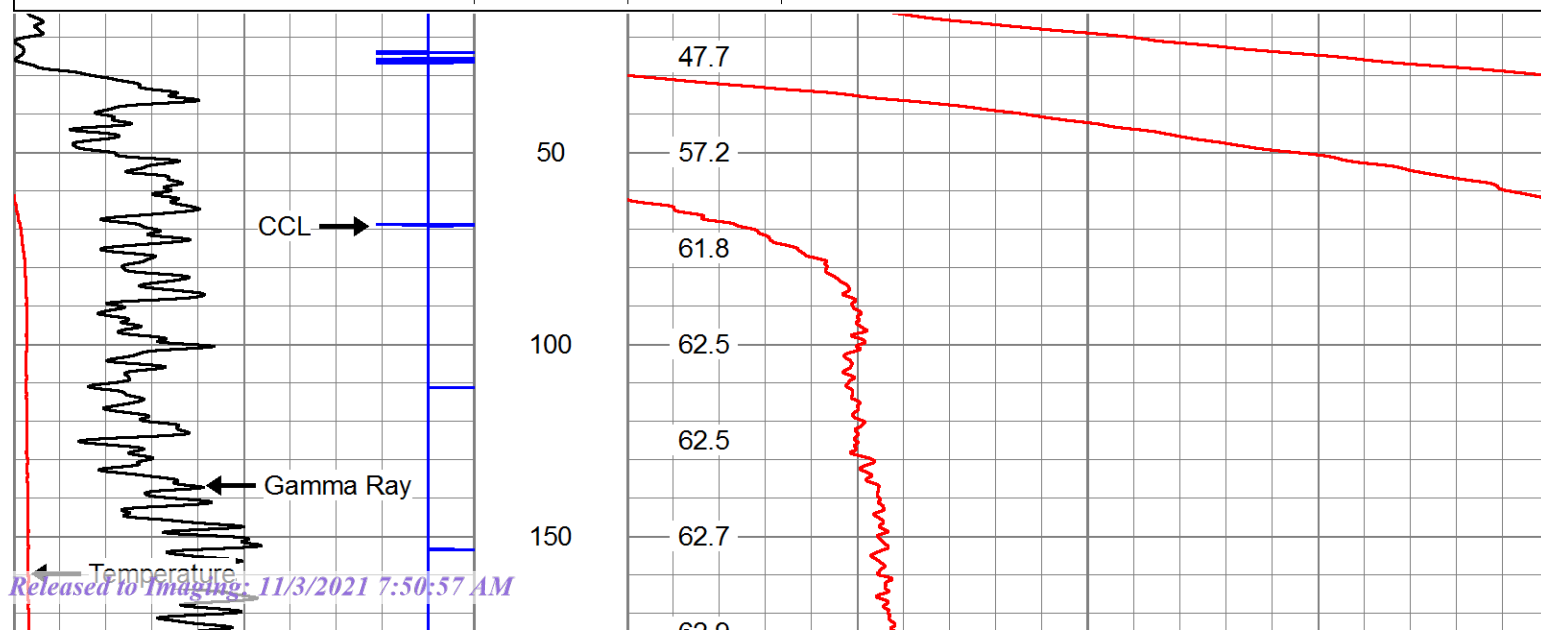
Dialog
Wireline Services, L.L.C.
DV2

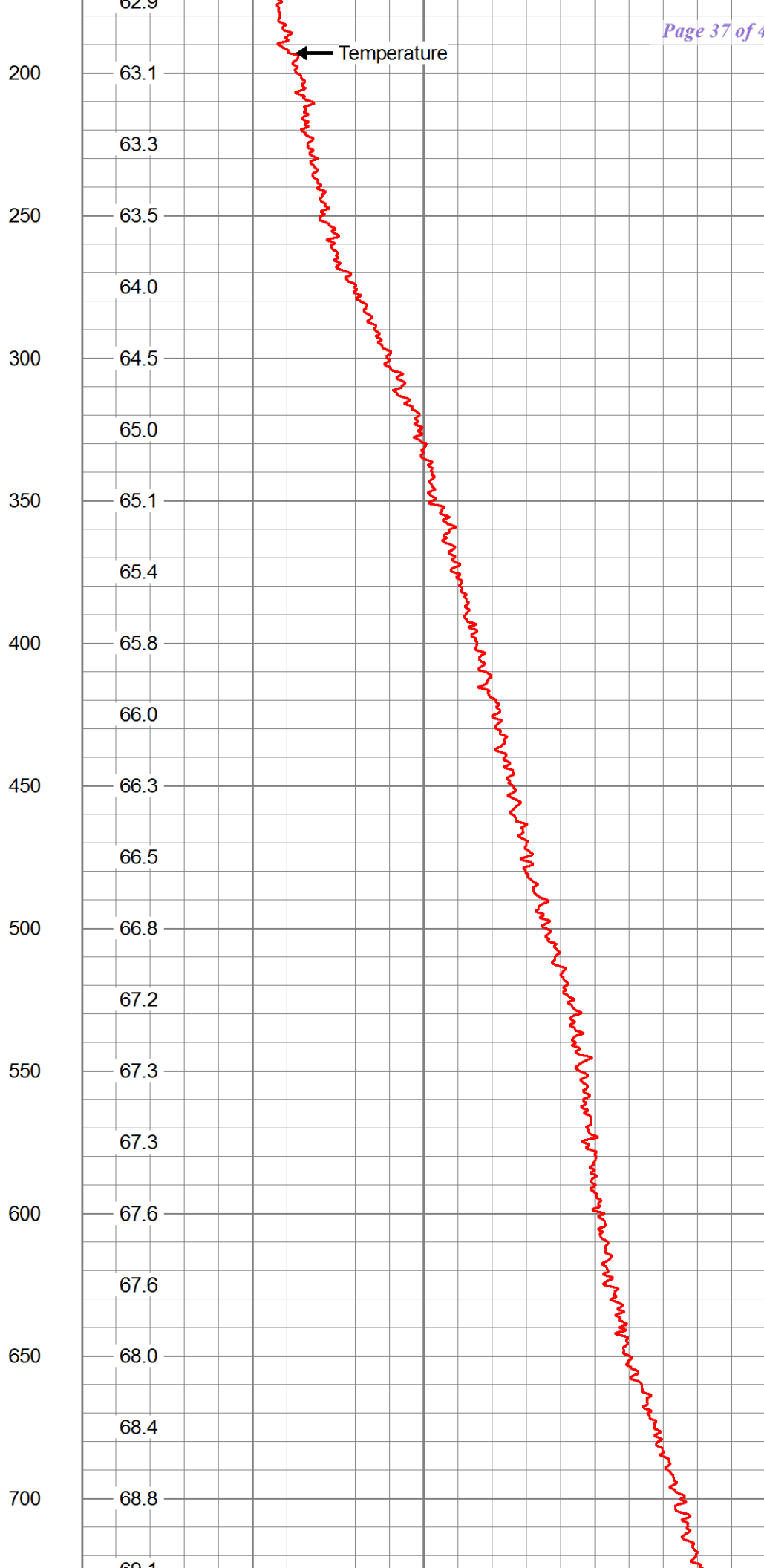
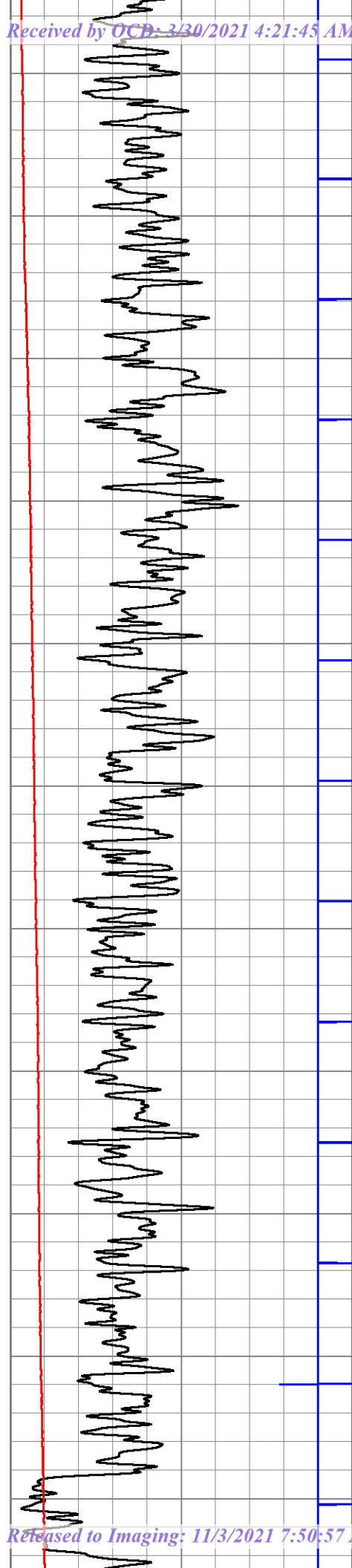
Temperature Log

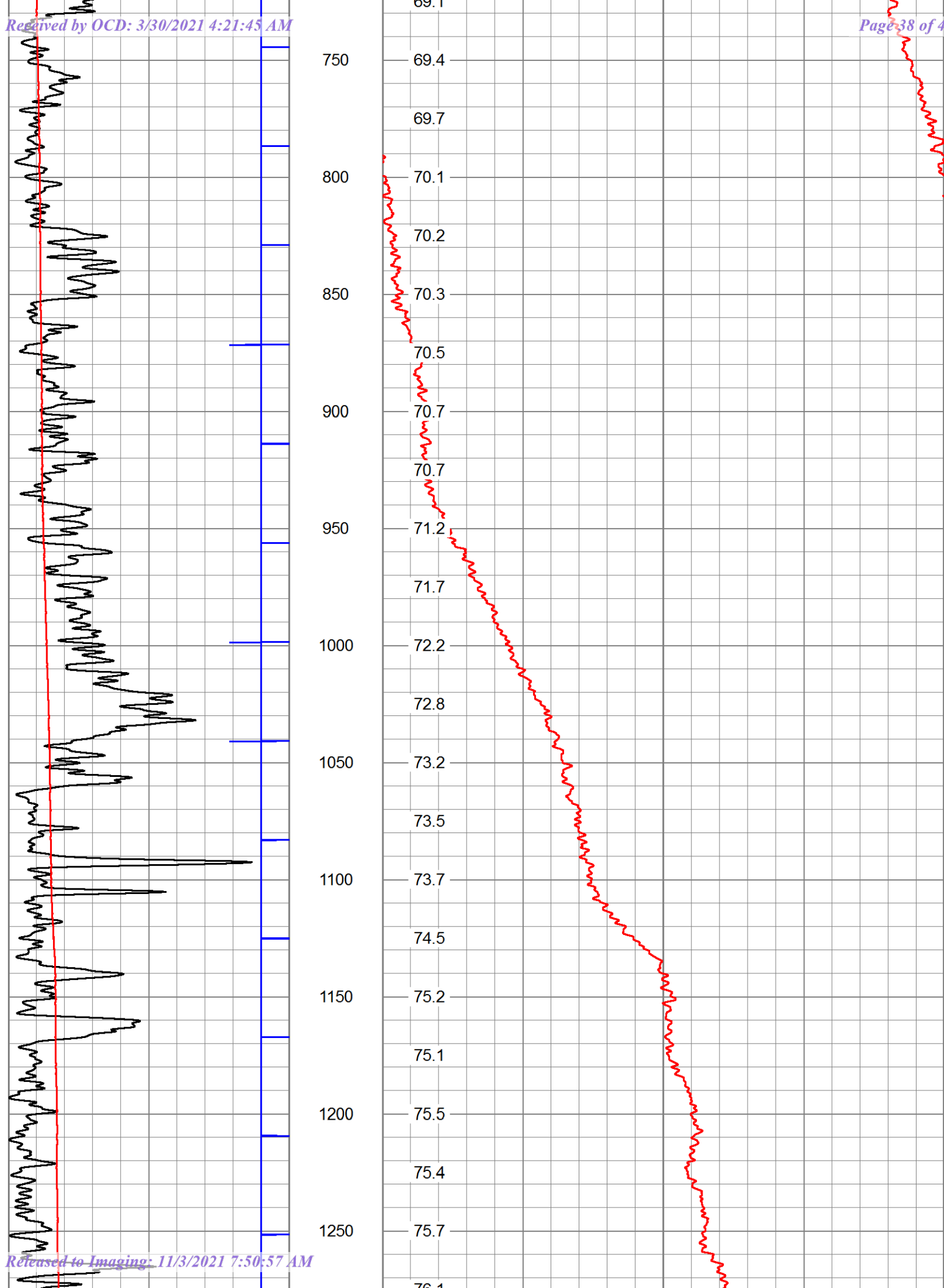
Database File: caza_rbl_02_17_21.db
Dataset Pathname: pass4.3
Presentation Format: temp
Dataset Creation: Thu Feb 18 17:59:04 2021
Charted by: Depth in Feet scaled 1:600

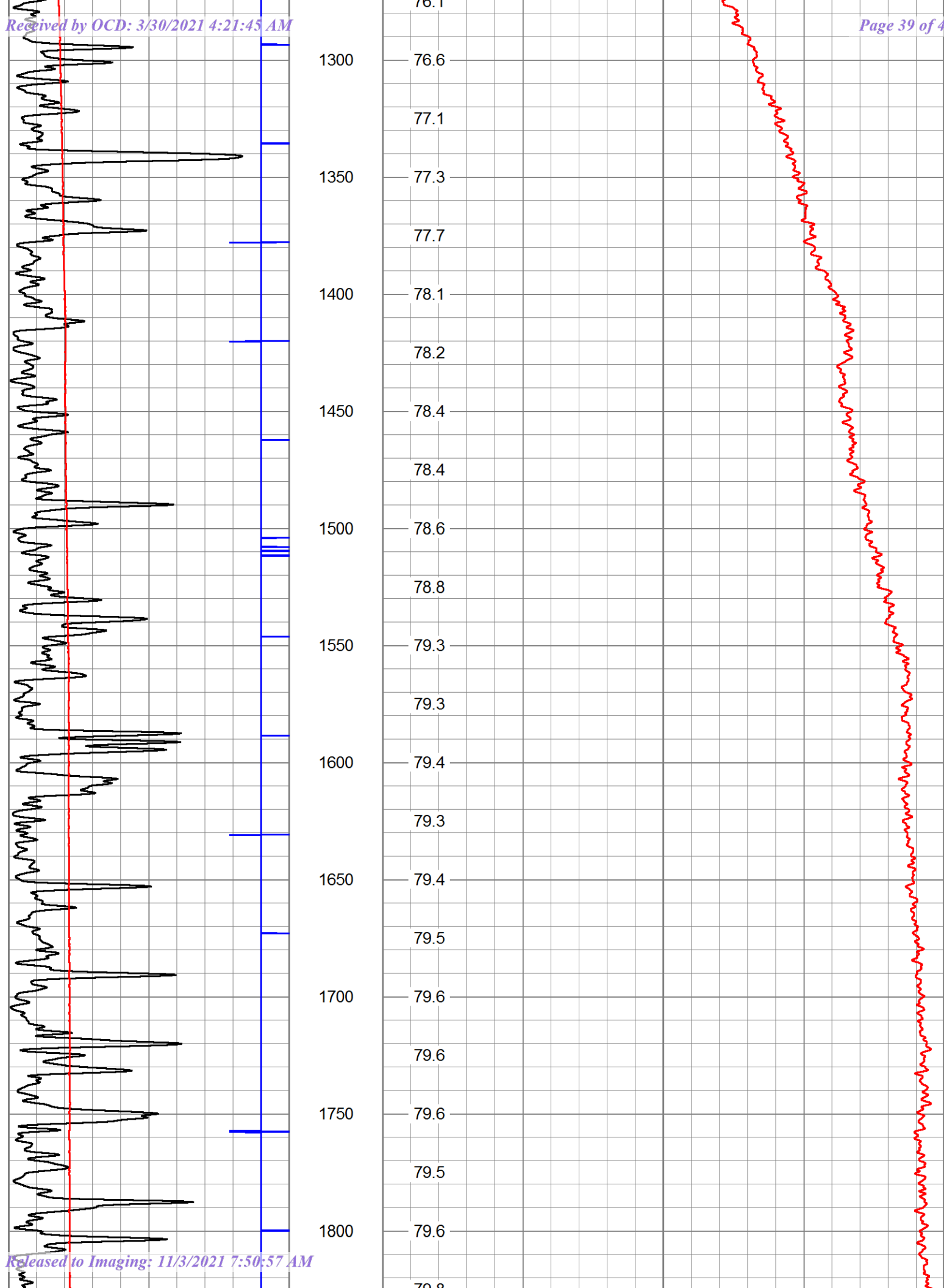
0	GR	100
9	CCL	-1
60	TEMP (degF)	150

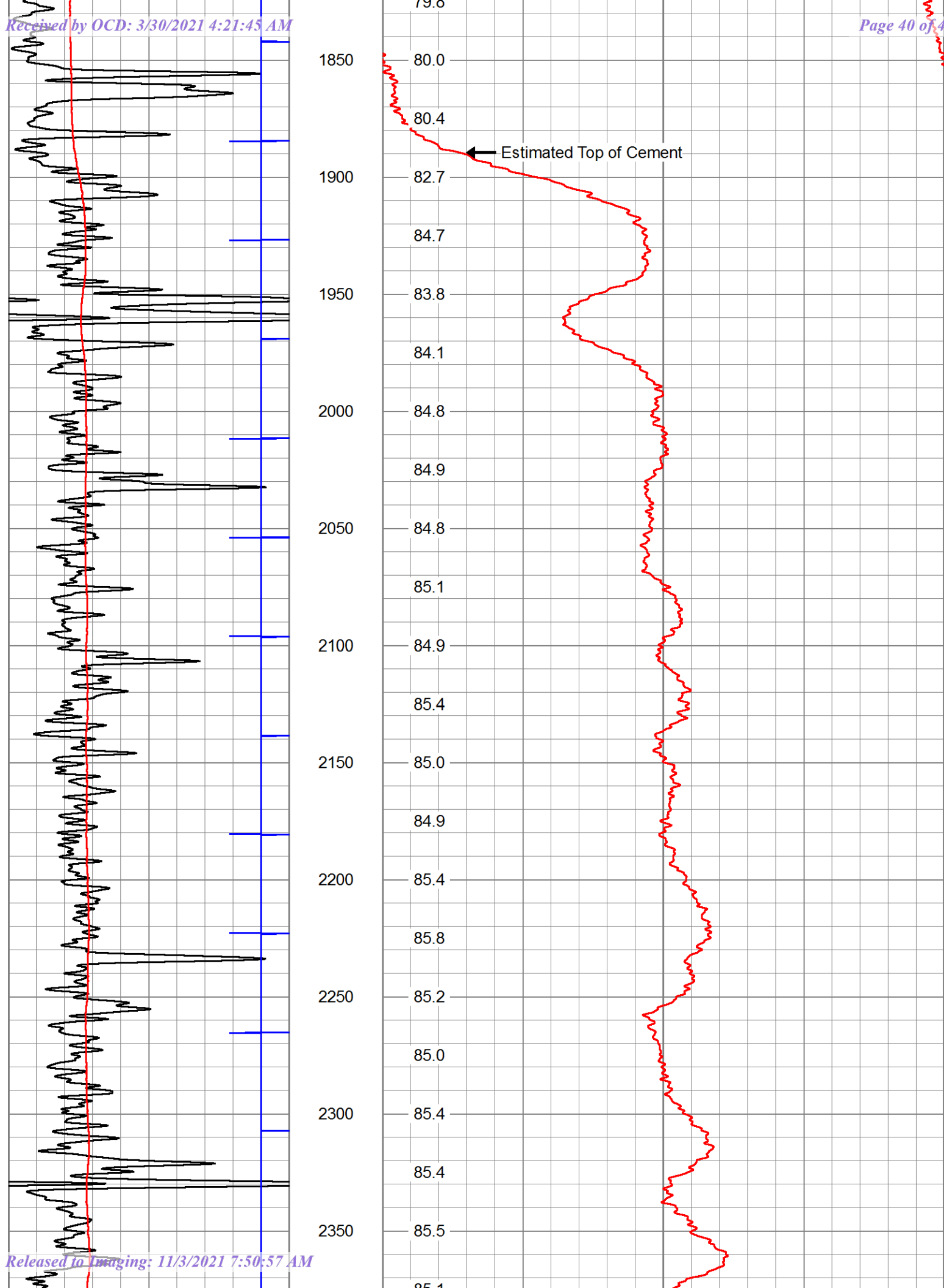
0	TEMP (degF)	10
TEMP		
(degF)		

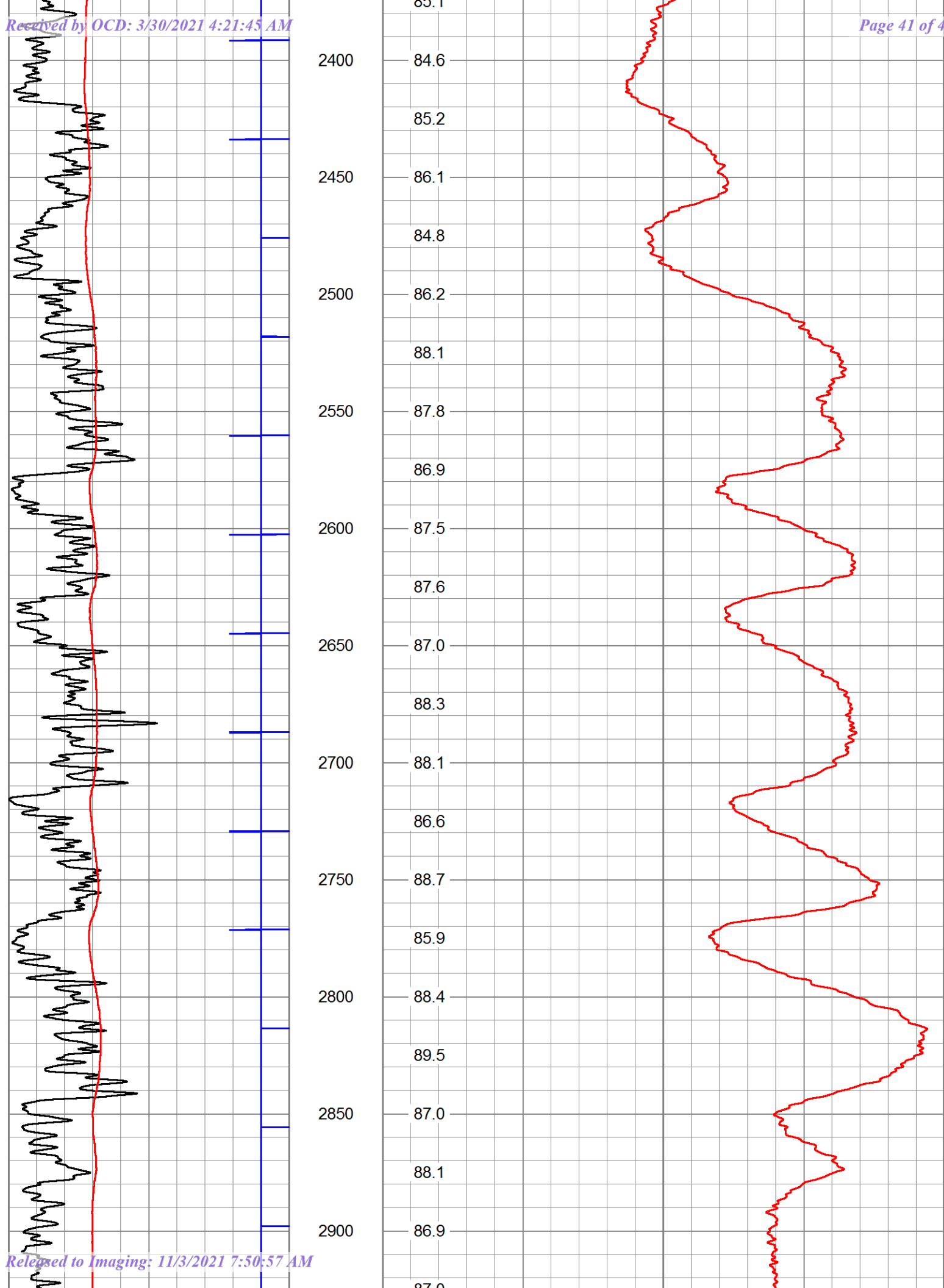


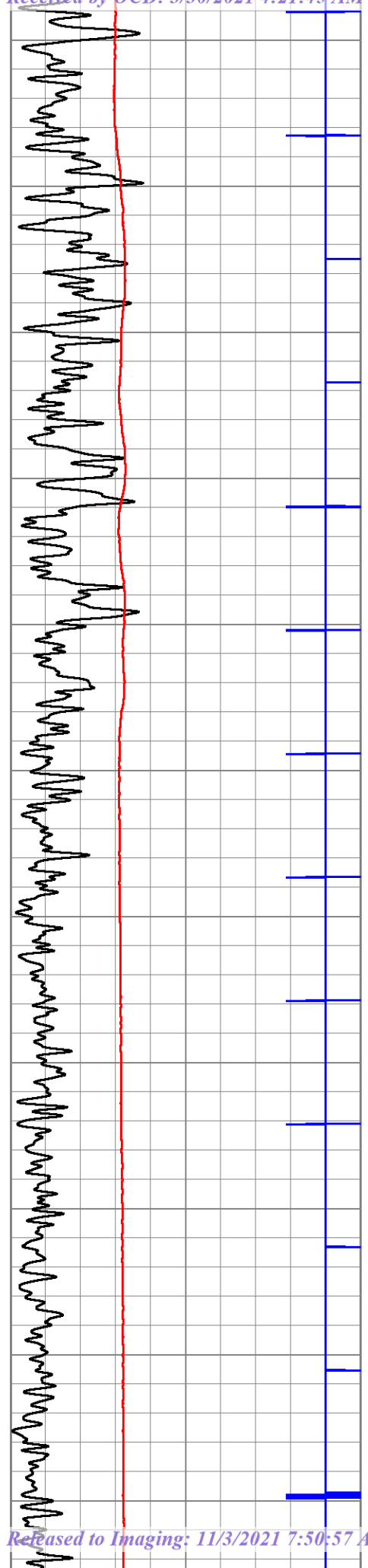












2950

3000

3050

3100

3150

3200

3250

3300

3350

3400

3450

86.8

86.7

88.3

89.4

88.4

88.1

89.3

88.1

89.2

89.1

87.9

88.1

88.1

88.3

88.4

88.4

88.8

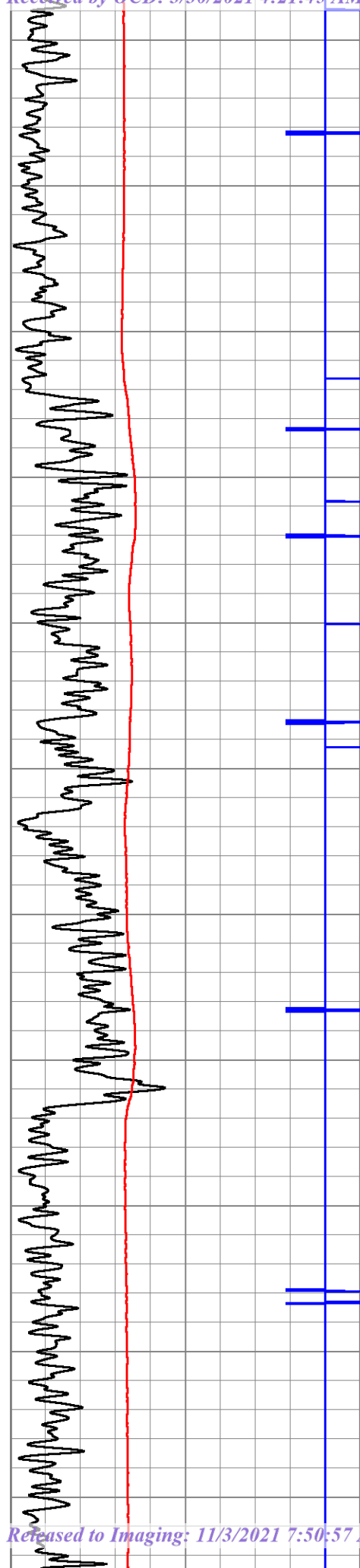
88.9

88.9

89.0

89.1

89.1



3500

89.2

3550

89.2

3600

89.1

3650

90.2

3700

92.0

3750

91.5

3800

90.8

3850

91.1

3900

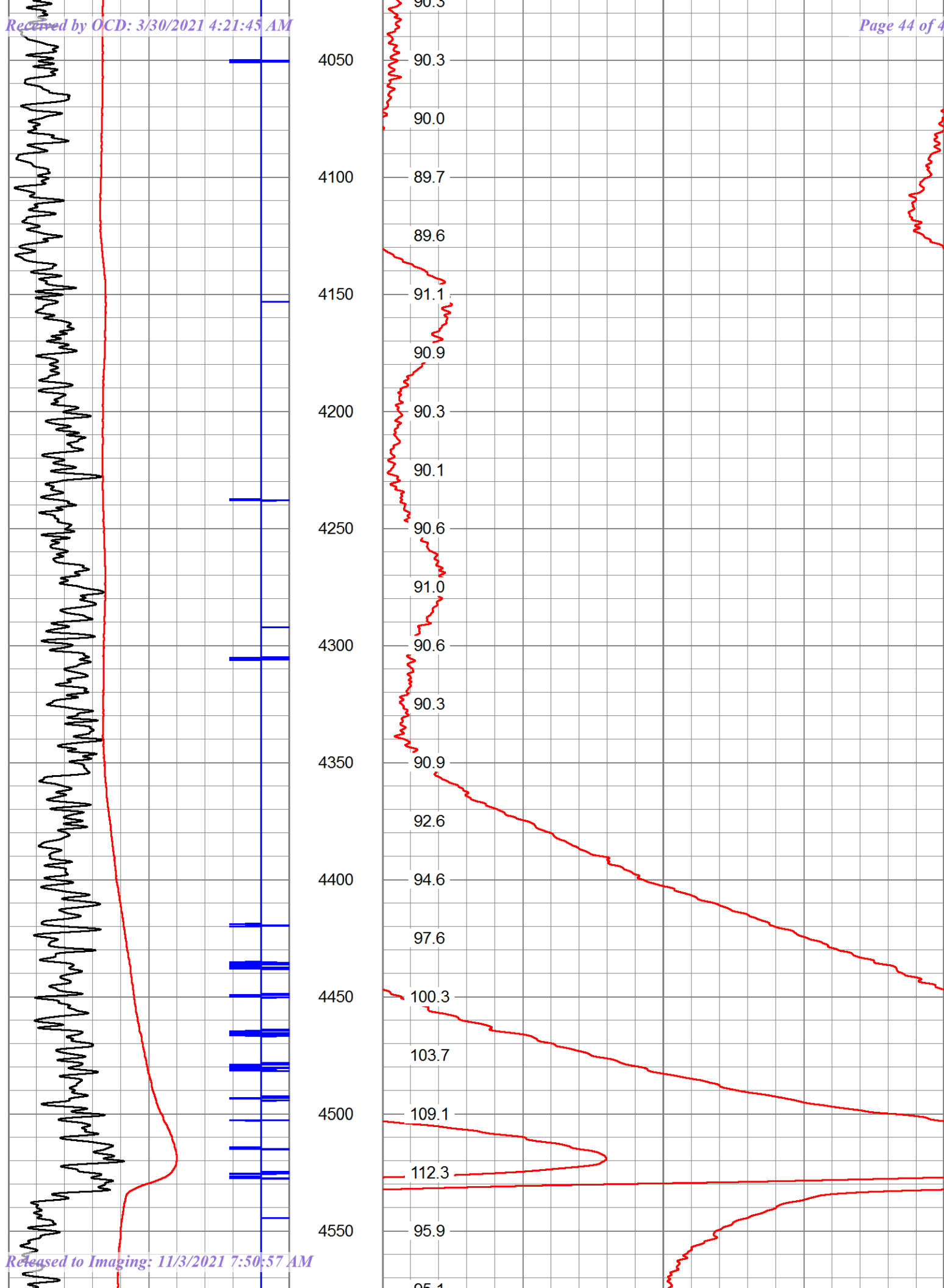
90.3

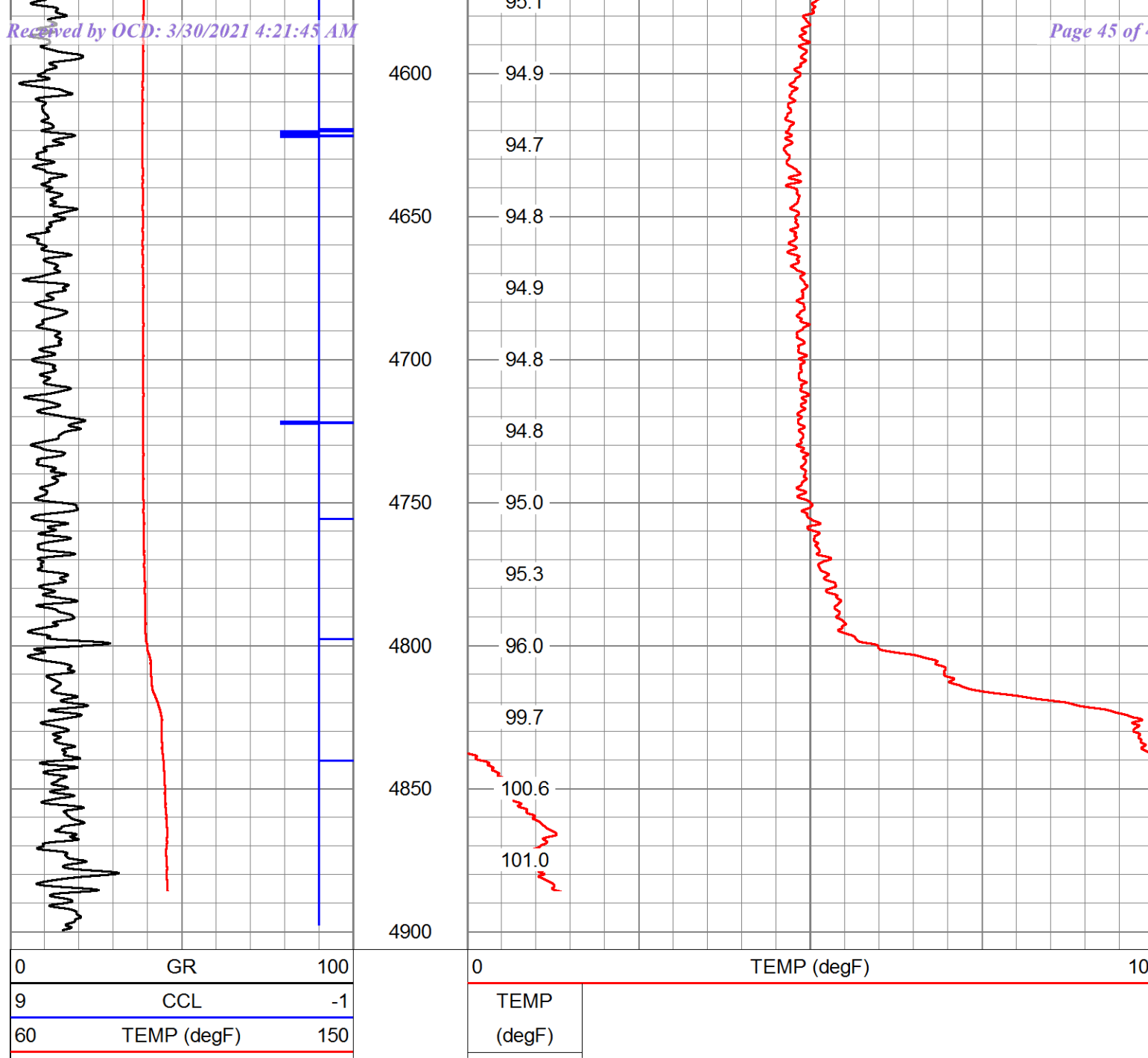
3950

89.6

4000

90.0





Calibration Report

Database File caza_rbl_02_17_21.db
 Dataset Pathname pass4
 Dataset Creation Thu Feb 18 16:41:18 2021

Gamma Ray Calibration Report

Serial Number: ISDX7-01
 Tool Model: Tek-Co 2 3/4
 Performed: Sat Oct 10 14:05:05 2020

Calibrator Value: 1.0

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.8500 /cps

Calibration Casing Diameter: 9.625 in
 Calibration Depth: 1170.325 ft

Master Calibration, performed Thu Feb 18 15:52:28 2021:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.013	0.865	1.200	51.280	58.728	0.464
CAL	0.012	1.984				
5'	0.013	1.095	1.200	51.280	46.249	0.617
SUM						
S1	0.012	0.935	0.000	100.000	108.338	-1.348
S2	0.012	0.811	0.000	100.000	125.222	-1.524
S3	0.012	0.715	0.000	100.000	142.348	-1.739
S4	0.012	0.734	0.000	100.000	138.479	-1.695
S5	0.012	0.809	0.000	100.000	125.484	-1.541
S6	0.012	0.937	0.000	100.000	108.115	-1.326
S7	0.012	1.055	0.000	100.000	95.925	-1.186
S8	0.012	1.053	0.000	100.000	96.079	-1.181

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.012	1.984	1.000	0.000

Air Zero Calibration, performed (Not Performed):

	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	
S8	0.000		0.000		0.000	



Company Caza Operating
 Well Comanche 25-36 State Fed Com 3H
 Field Bone Springs
 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 22280

COMMENTS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 22280
	Action Type: [C-103] Sub. General Sundry (C-103Z)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Approved, John Garcia, Petroleum Engineer	11/3/2021

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 22280

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 22280
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	11/3/2021