

District I
1535 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6151 Fax: (575) 393-0729

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name BTA		API Number 30-025-29414	
Property Name Turner 8408 JV-P		Well No. #1	

1. Surface Location

UL - Lot D	Section 21	Township 17S	Range 36E	Feet from 990	N/S Line N	Feet From 660	E/W Line W	County LEA
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Well Status

TA'D WELL YES	NO	SHUT-IN YES	NO	INJ NO	INJECTOR SWD	OIL NO	PRODUCER GAS	DATE 4-16-24
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Converted from OIL to SWD

OBSERVED DATA

	(A) Surface	(B) Interm(1)	(C) Interm(2)	(D) Prod Csg	(E) Tubing
Pressure	Cemented	Cemented		0	0
Flow Characteristics					
Puff	Y / N	Y / N	Y / N	Y / N	CO2
Steady Flow	Y / N	Y / N	Y / N	Y / N	WTR ✓
Surges	Y / N	Y / N	Y / N	Y / N	GAS
Down to nothing	Y / N	Y / N	Y / N	Y / N	Type of fluid
Gas or Oil	Y / N	Y / N	Y / N	Y / N	Exposed for
Water	Y / N	Y / N	Y / N	Y / N	Waterproof if
					applied

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Initial BHT/MIT

Signature:		OIL CONSERVATION DIVISION
Printed name:		Entered into RBDMS
Title:		Re-test
E-mail Address:		
Date:	Phone:	
Witness: <i>Gay Robinson</i>		

Complete Water Analysis

Customer	Imperative – RSI	Account Rep	Philip Cline
Operator	BTA	Date Sampled	4/16/2024 9:08:00 AM
Well Name	Turner #1	Date Submitted	4/17/2024 9:12:00 AM
Sample Point	Tubing/Wellhead	Sample ID	WA240417-001
Region		Notes/Time Sampled	

Analytical Lab Data				Sample Conditions			
Cations by ICP-OES		Anions by HPIC		Analyte		Result	
Analyte	ppm	Analyte	ppm	pH		6.34	
Calcium (Ca)	1924	Chloride (Cl)	155978	Diss. H ₂ S (ppm)		1.5	
Magnesium (Mg)	766	Sulfate (SO ₄)	3959	Diss. CO ₂ (ppm)		213	
Barium (Ba)	0.6			Bicarbonate (ppm HCO ₃)		530.7	
Strontium (Sr)	26.0	Specific Gravity		Carbonate (ppm CO ₃)		N/A	
Potassium (K)	3192	1.173	g/mL	Diss. O ₂ (ppm)		N/A	
Iron (Fe)	104.7			Initial Temperature (°F)		190	
Manganese (Mn)	2.5			Final Temperature (°F)		80	
Boron (B)	12			Initial Pressure (psi)		1250	
Zinc (Zn)	73			Final Pressure (psi)		15	
Aluminum (Al)	3			Calc. Resistivity (ohms/cm)		4.58	
Phosphorus (P)	0.000	Calc. Phosphate	0.00	Conductivity (uS/cm)		218200	
Silicon (Si)	28			Calc. Total Hardness (as CaCO ₃)		7962	
Sodium (Na) (calc.)	97583			Calc. TDS (ppm)		263652	
Barite (BaSO ₄)				Calcite (CaCO ₃)			
Temp. (°F)	PSI	SI	pptb	Temp. (°F)	PSI	SI	pptb
80	15	1.65	0	80	15	1.88	127
92	152	1.53	0	92	152	1.91	128
104	289	1.42	0	104	289	1.95	129
117	427	1.31	0	117	427	1.99	130
129	564	1.22	0	129	564	2.03	131
141	701	1.14	0	141	701	2.08	132
153	838	1.06	0	153	838	2.13	134
166	976	0.99	0	166	976	2.18	135
178	1,113	0.92	0	178	1,113	2.23	136
190	1,250	0.86	0	190	1,250	2.29	137

Barite (BaSO₄)

Pressure (psi)

Saturation Index

Temperature (F)

SI pptb

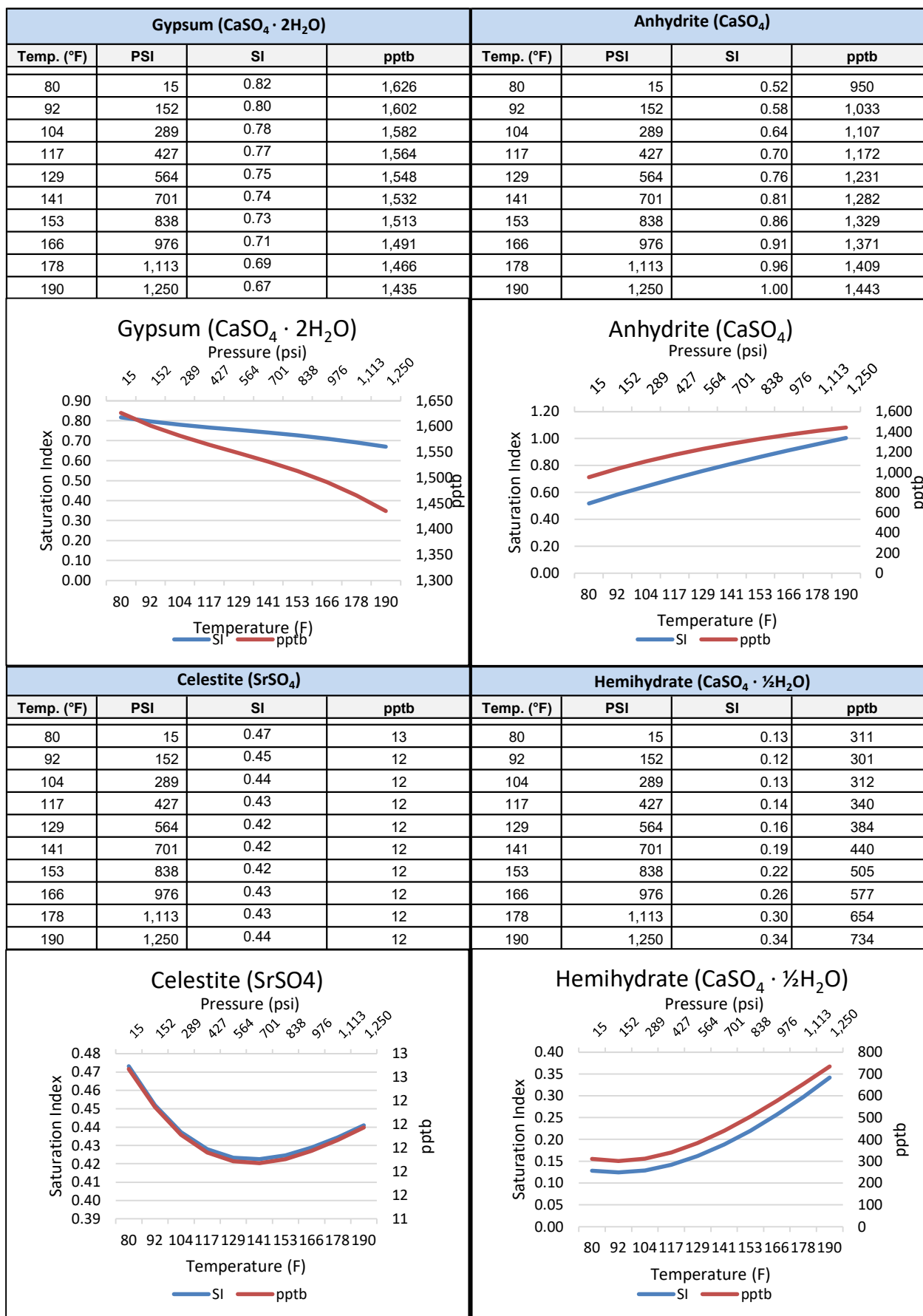
Calcite (CaCO₃)

Pressure (psi)

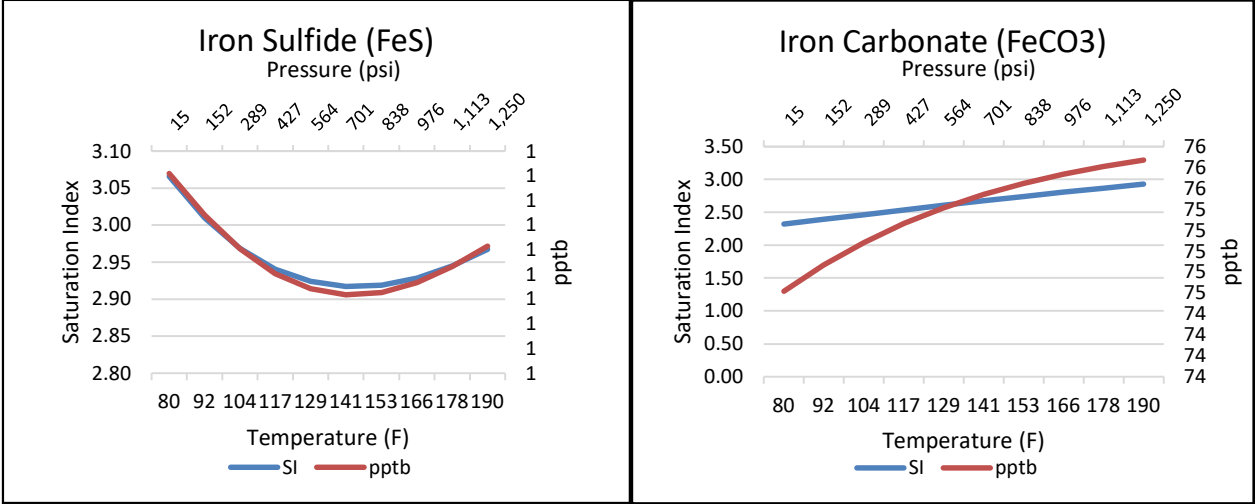
Saturation Index

Temperature (F)

SI pptb



Iron Sulfide (FeS)				Iron Carbonate (FeCO3)			
Temp. (°F)	PSI	SI	pptb	Temp. (°F)	PSI	SI	pptb
80	15	3.07	1	80	15	2.32	75
92	152	3.01	1	92	152	2.39	75
104	289	2.97	1	104	289	2.47	75
117	427	2.94	1	117	427	2.54	75
129	564	2.92	1	129	564	2.61	75
141	701	2.92	1	141	701	2.68	76
153	838	2.92	1	153	838	2.74	76
166	976	2.93	1	166	976	2.81	76
178	1,113	2.94	1	178	1,113	2.87	76
190	1,250	2.97	1	190	1,250	2.93	76





Nine

MAC 60

Gamma Ray / CCL Log

Company		BTA Oil Producers	
Well		8408 JV-P Turner No. 1	
Field		Double A (ABO)	
County		Lea	
State		New Mexico	
Location:		API # : 3002529414	
SEC 21 TWP 17S RGE 36E		Other Services MAC 60	
Permanent Datum	Ground Level	Elevation	3971'
Log Measured From	Kelly Bushing		
Drilling Measured From	Kelly Bushing		
Elevation		K.B. 3885' D.F. 3884' G.L. 3871'	
Date	April 11th 2024		
Run Number	Two		
Depth Driller	N/A		
Depth Logger	N/A		
Bottom Logged Interval	9,200'		
Top Log Interval	Surface		
Casing Driller	N/A		
Casing Logger	N/A		
Bit Size	N/A		
Type Fluid in Hole	N/A		
Density / Viscosity	N/A		
ph / Fluid Loss	N/A		
Source of Sample	N/A		
Rt @ Meas. Temp	N/A		
Rt @ Meas. Temp	N/A		
Rt @ Meas. Temp	N/A		
Source of Rm / Rmc	N/A		
Rt @ BHT	N/A		
Time Circulation Stopped	N/A		
Time Logger on Bottom	02:00 PM		
Maximum Recorded Temperature	155 Deg F		
Equipment Number	Truck 221		
Location	Midland, Texas		
Recorded By	Chad Clay		
Witnessed By	Mr. Jose Perez		

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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.

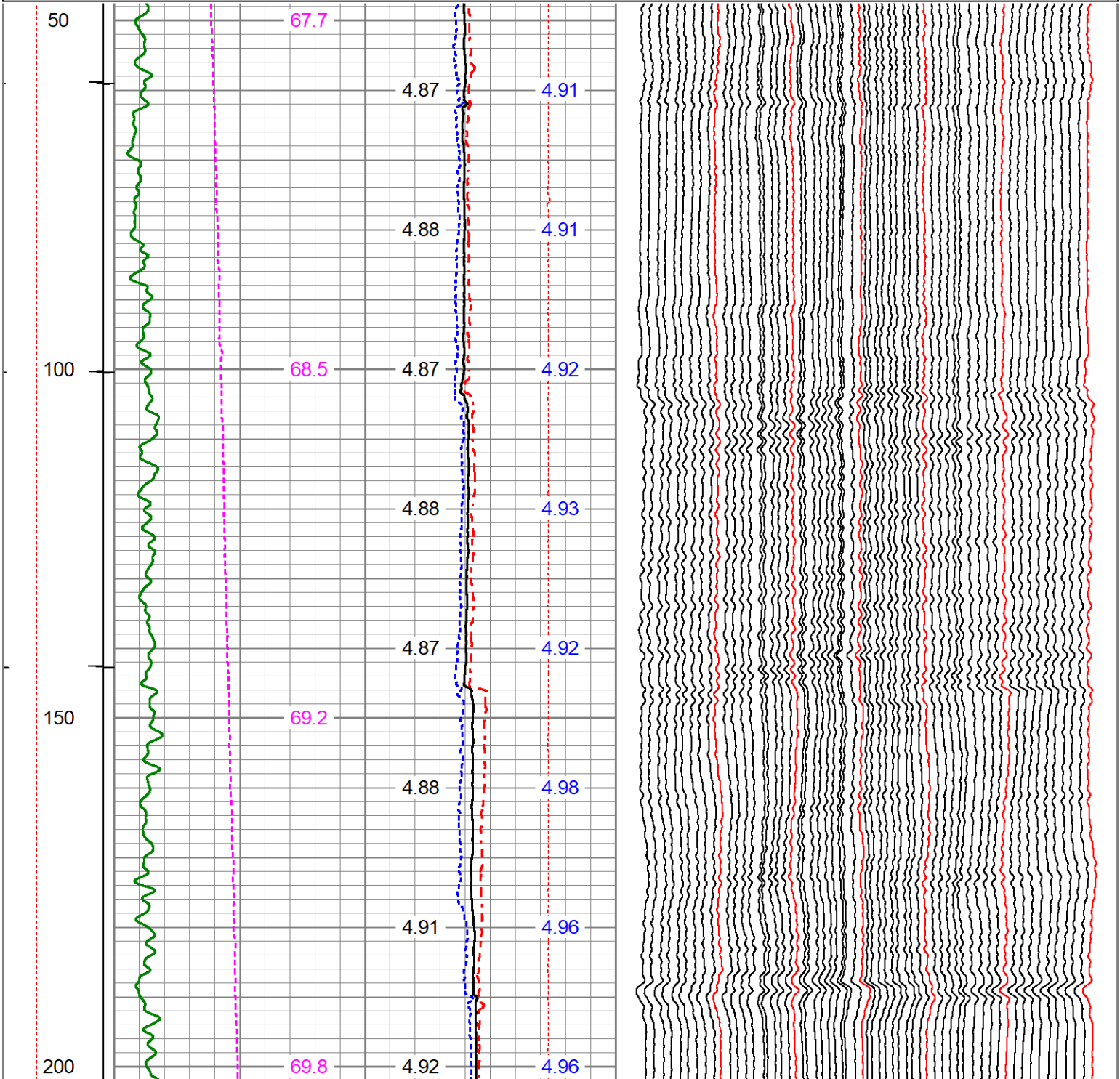
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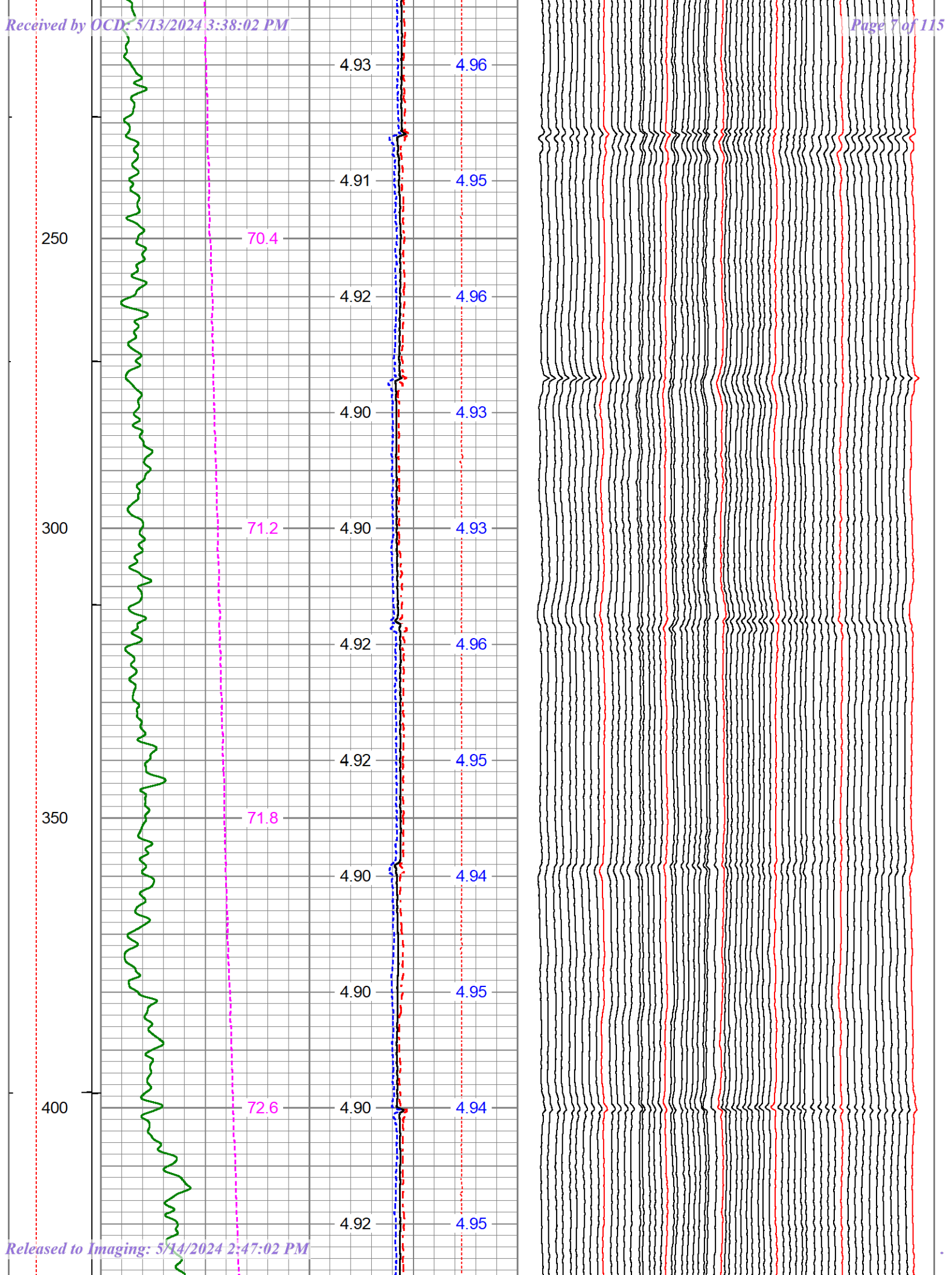
Log was correlated to SLB CNL dated 1985

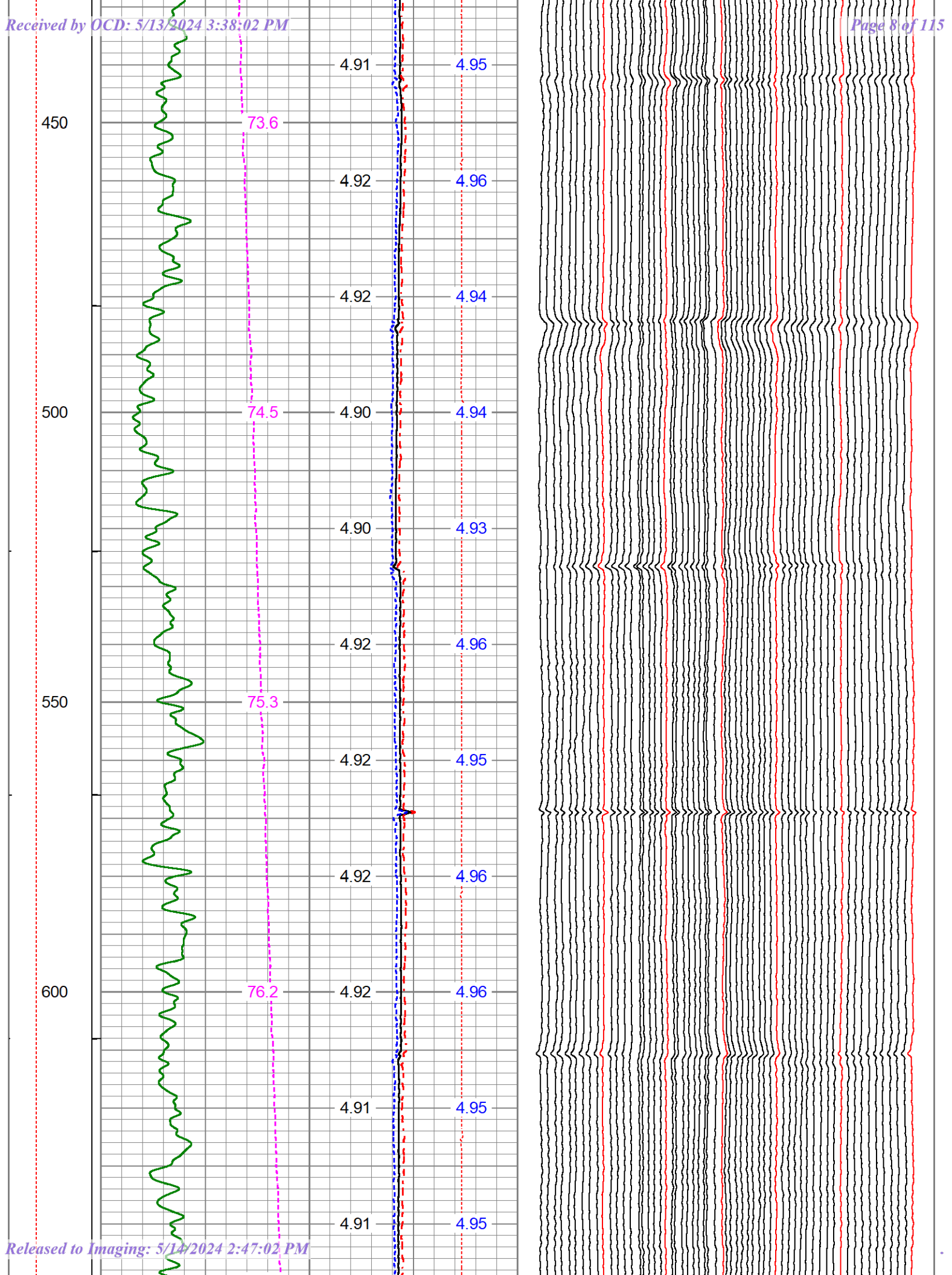
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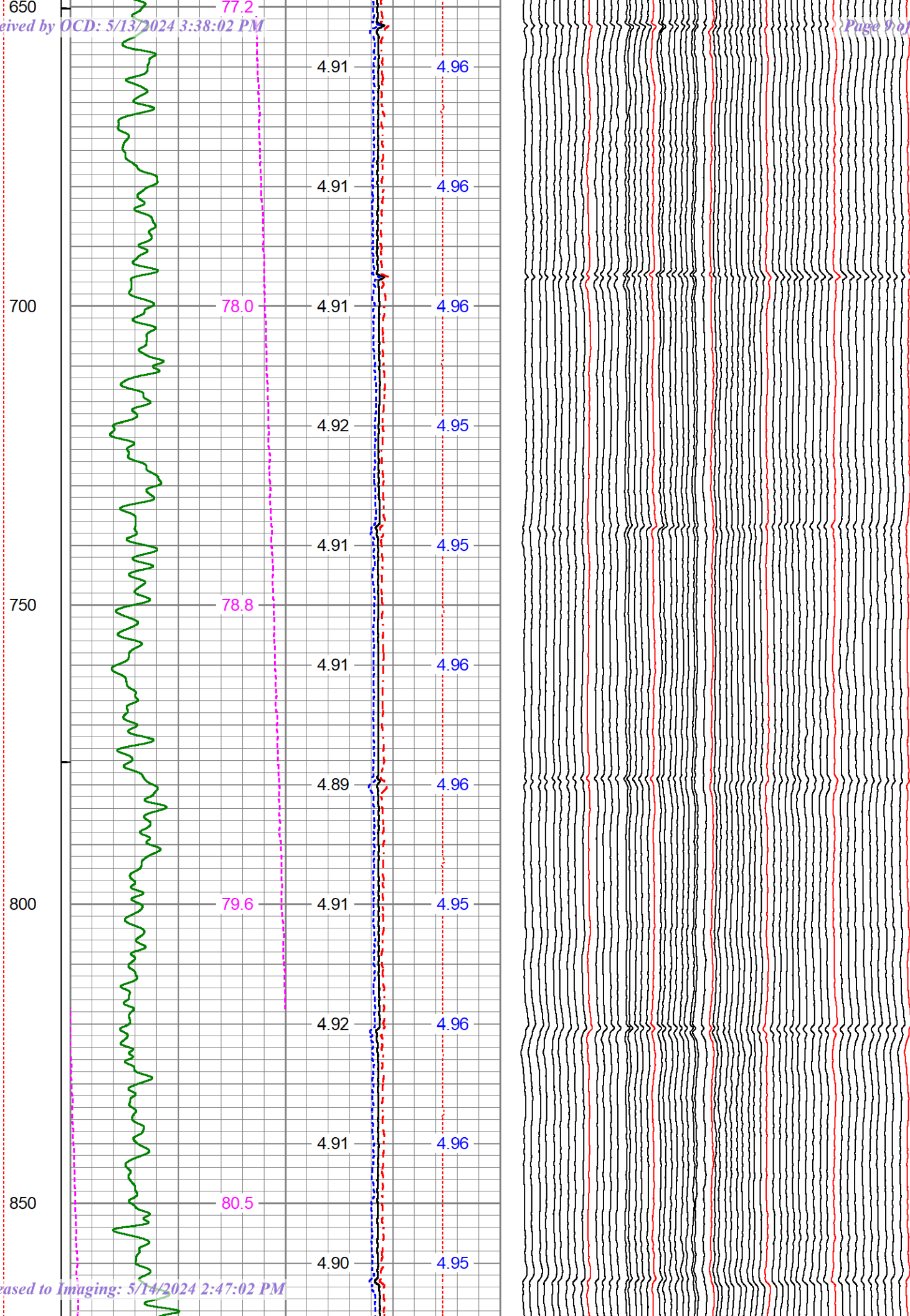


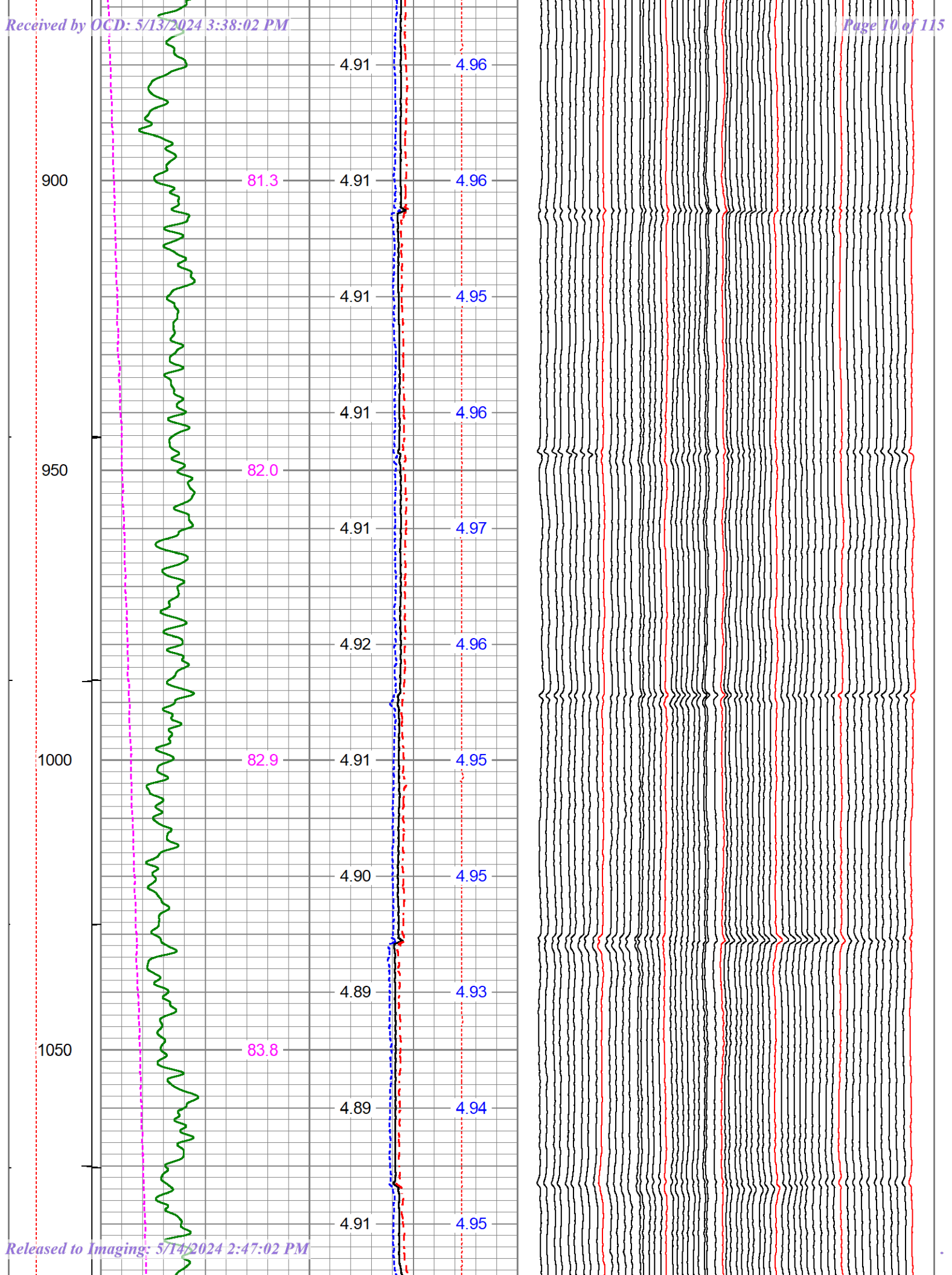
-9 CCL\$1	1	80	ETEMP (degF)	100	4.5	IDAV (in)	5.5	2.3	RADII (in)	5.6
ErrCt	0		GR (GAPI)	200	4.5	IDMN (in)	5.5	2.3	R01	5.6
0	()	1	ETEMP		4.5	IDMX (in)	5.5	2.75	R10	6.05
			(degF)		0	TCURR (mA)	100	3.25	R20	6.55
					IDMN (in)		IDMX	3.75	R30	7.05
								4.25	R40	7.55
								4.75	R50	8.05
								5.25	R60	8.55

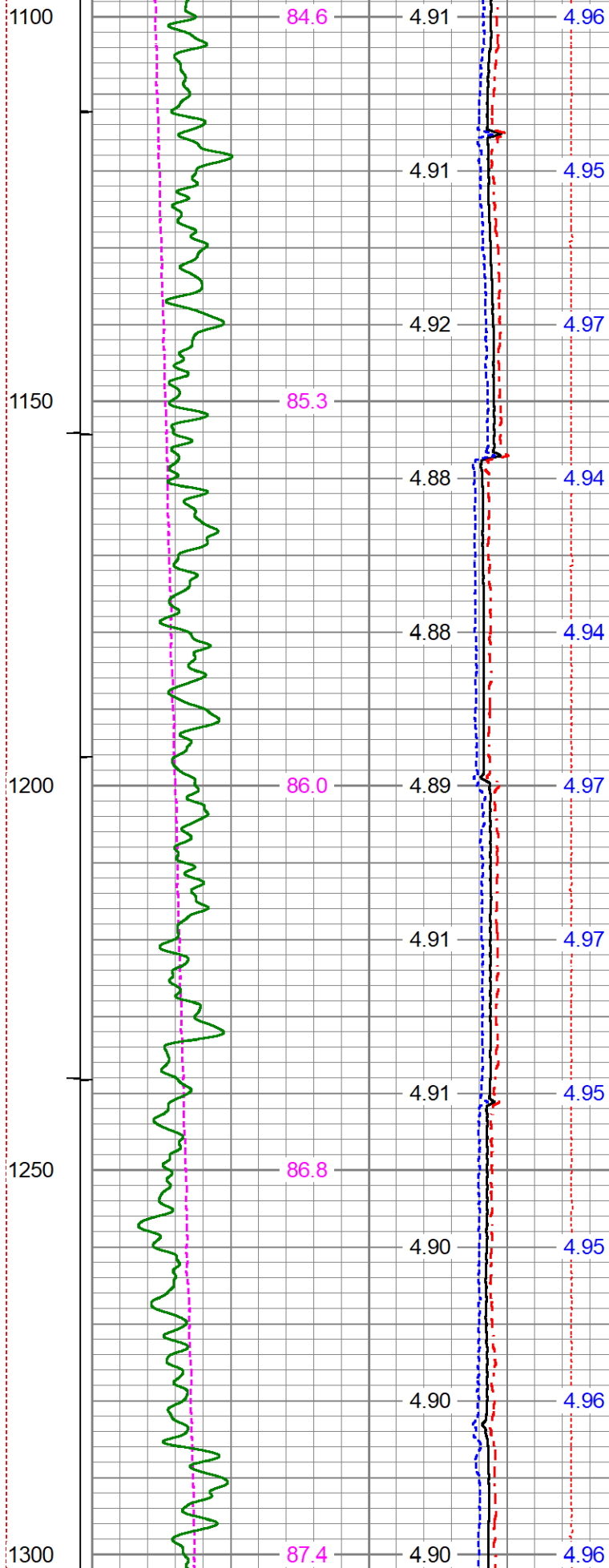


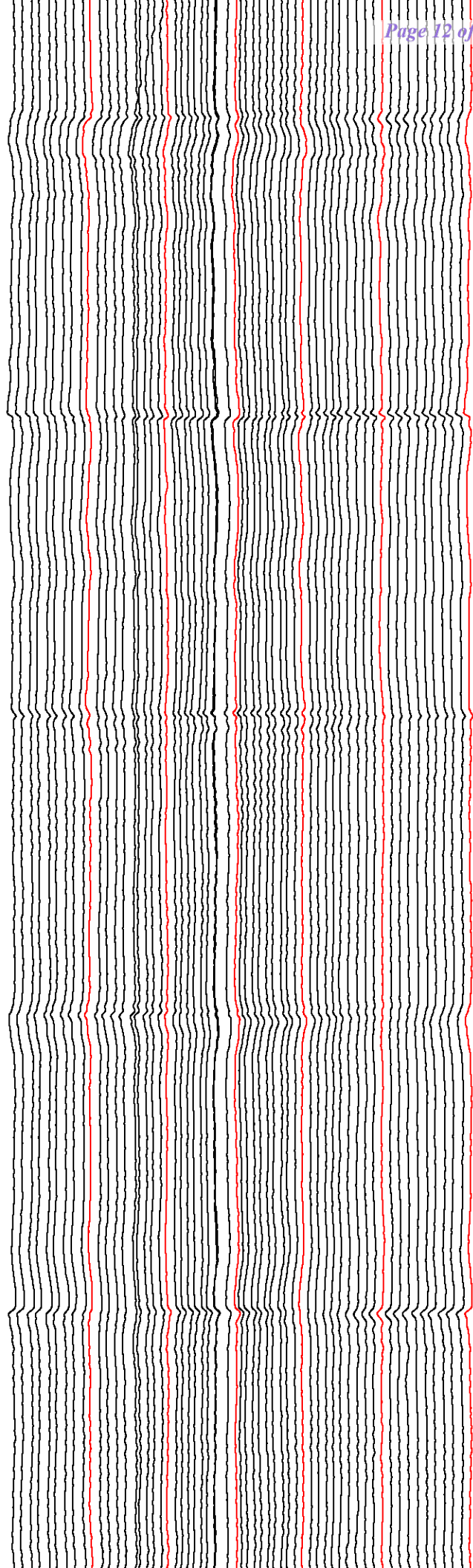
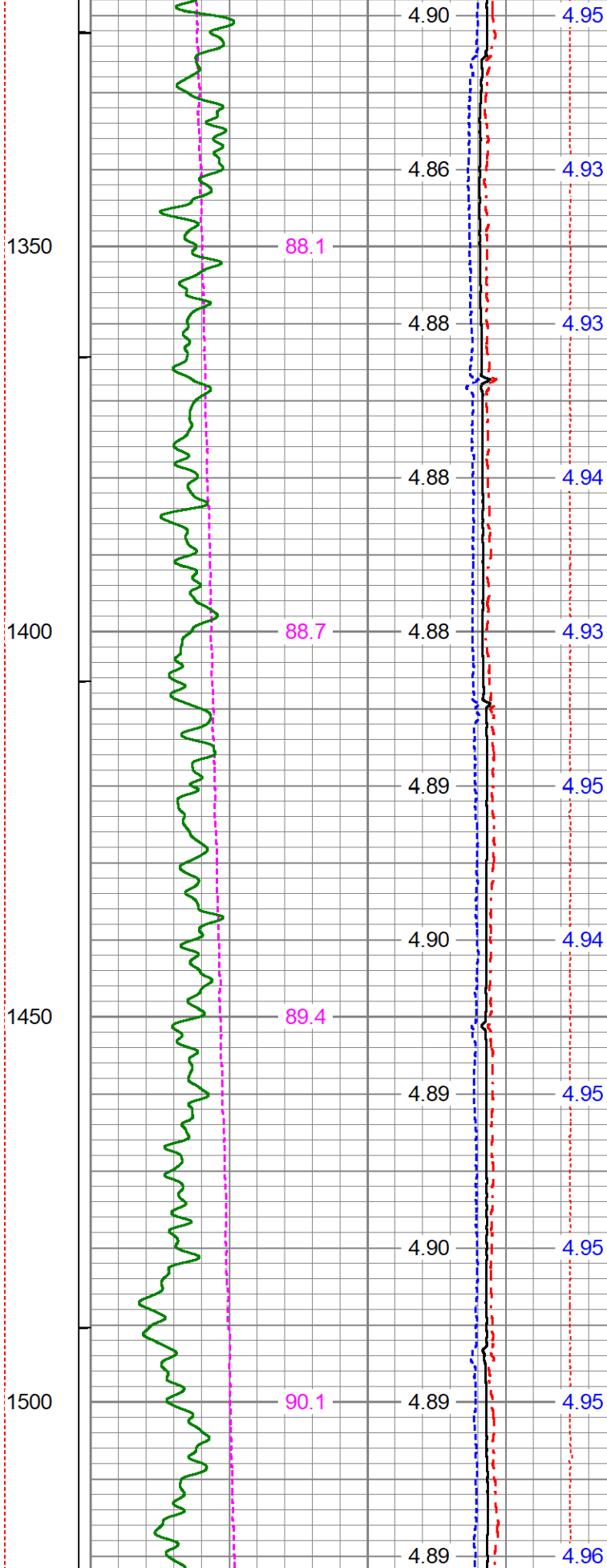


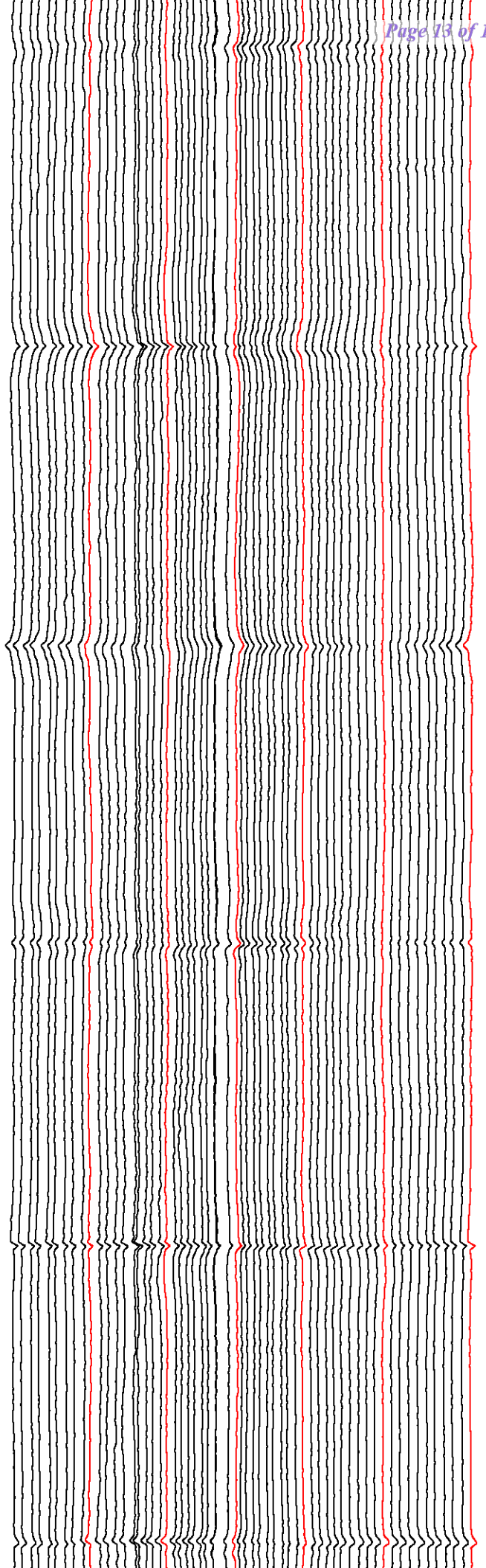
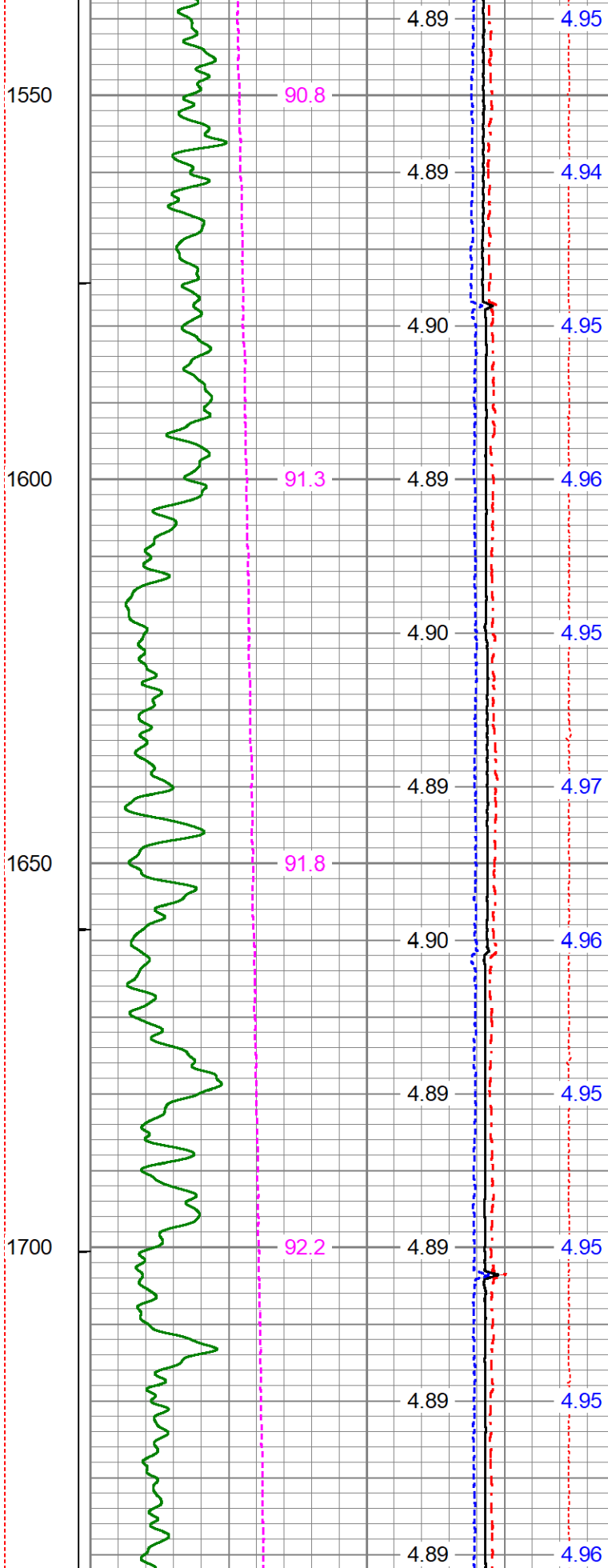


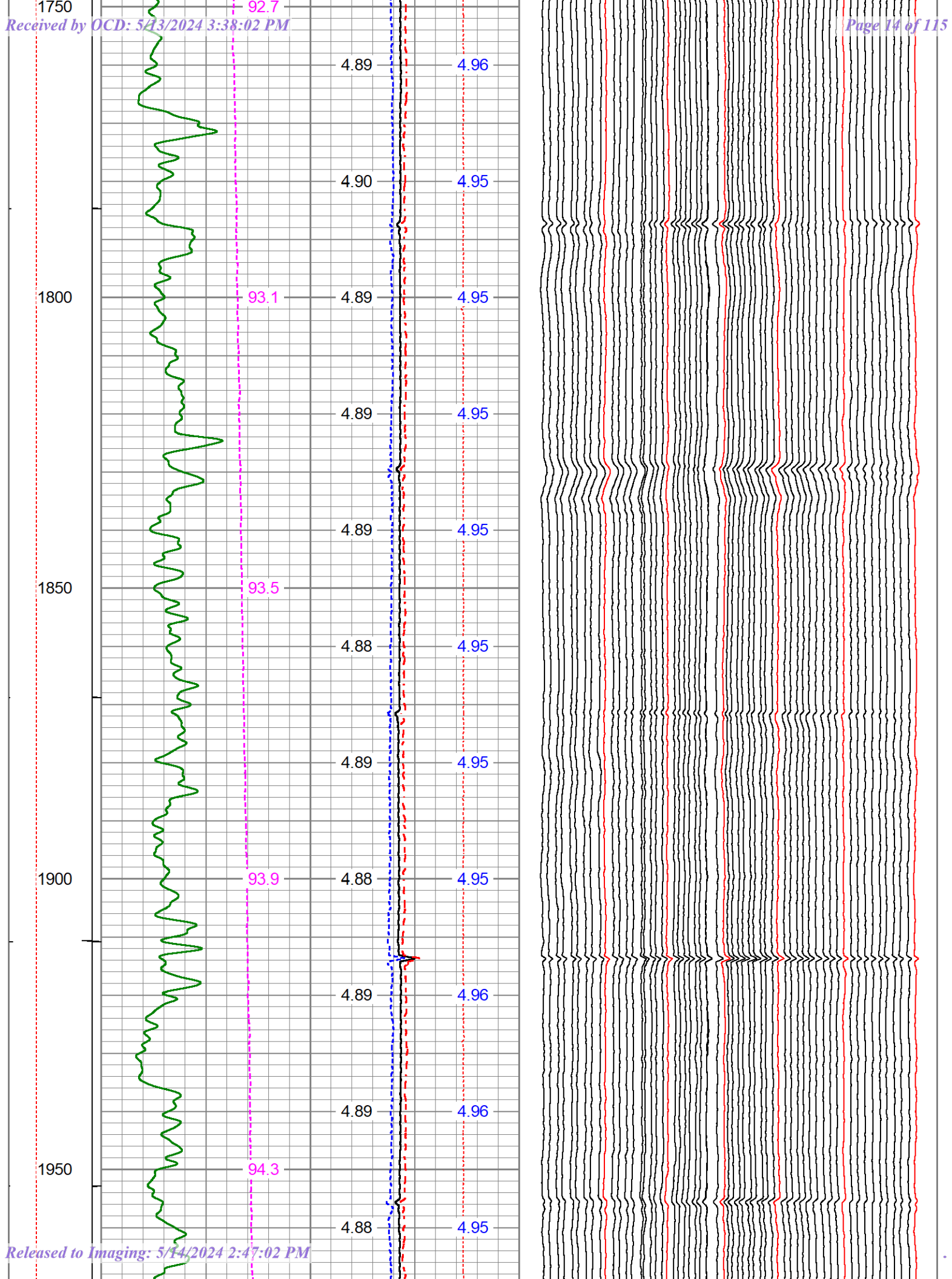


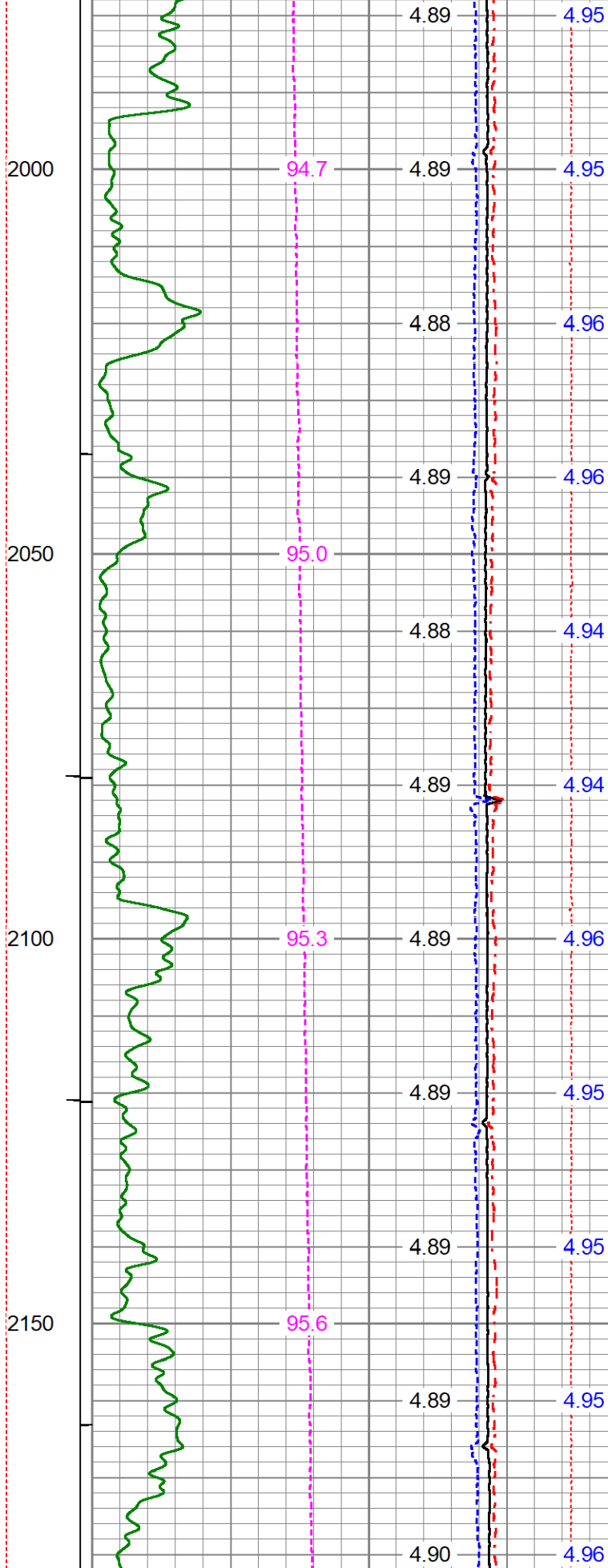


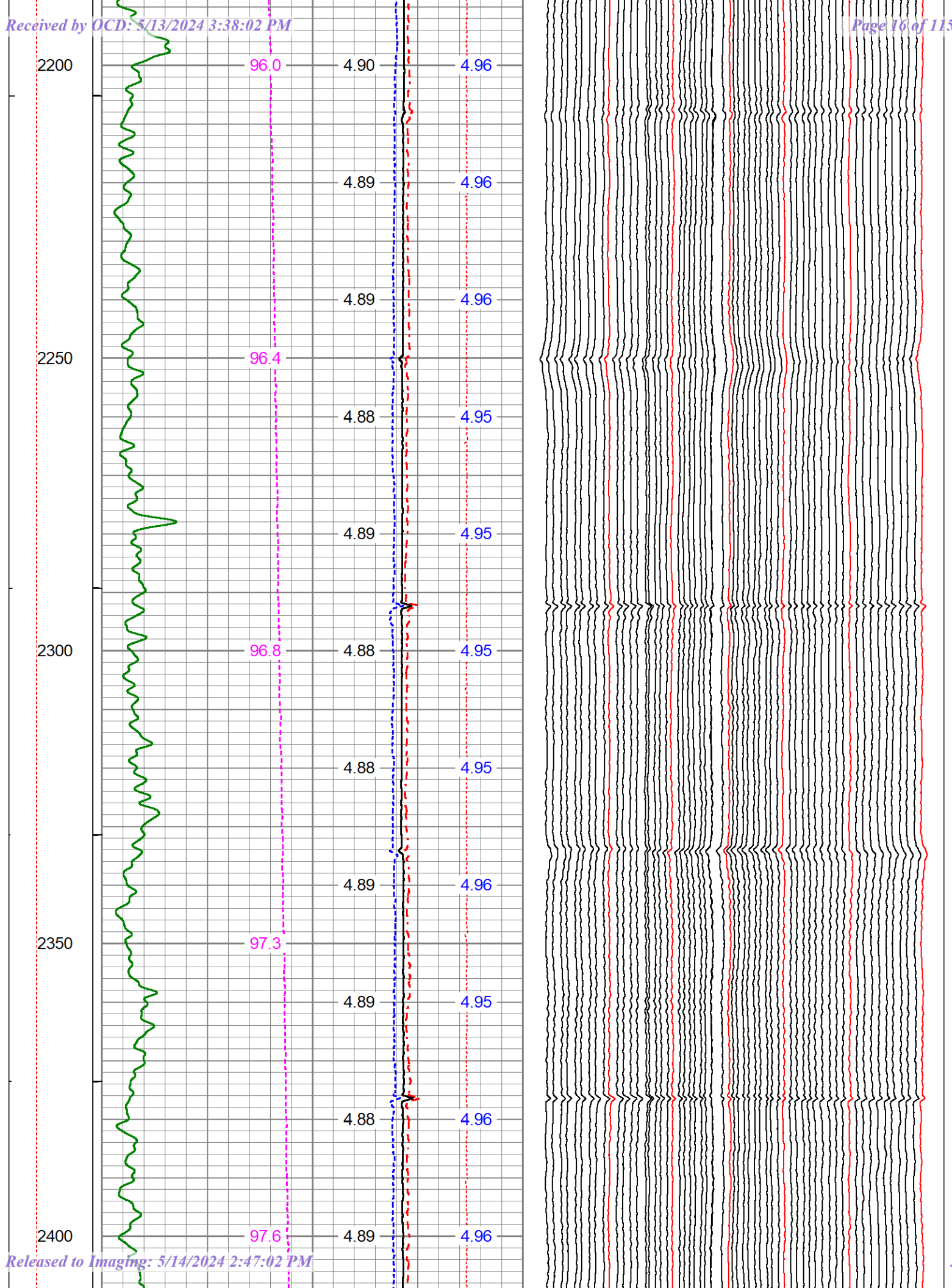


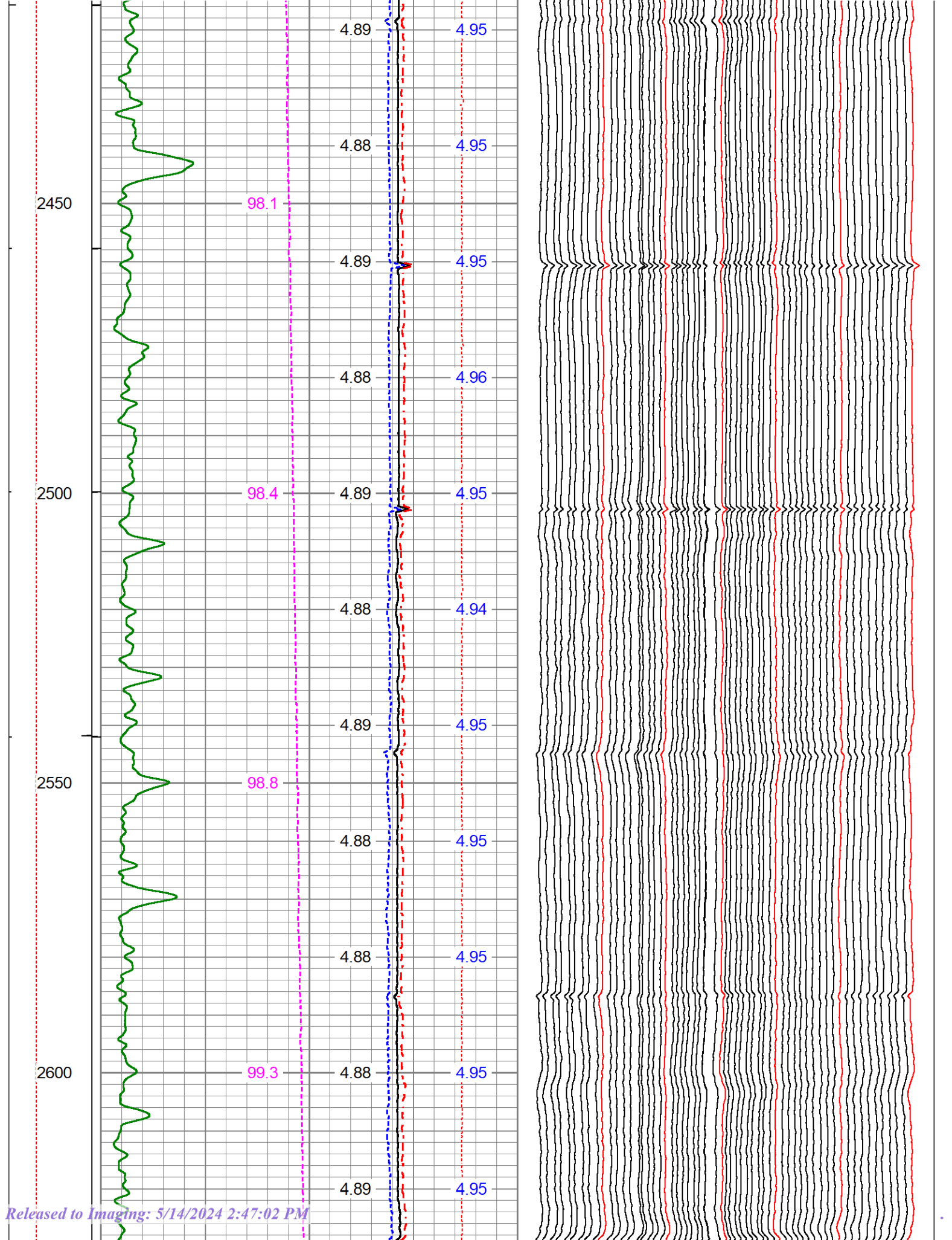


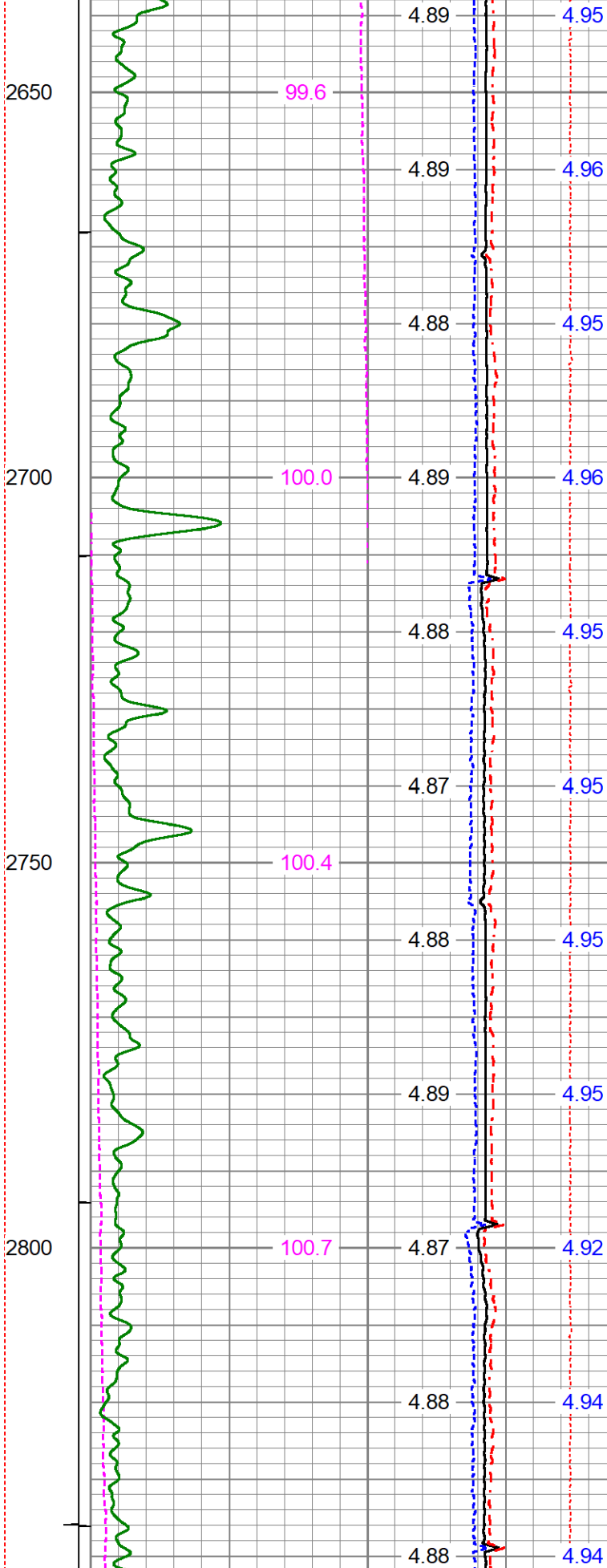


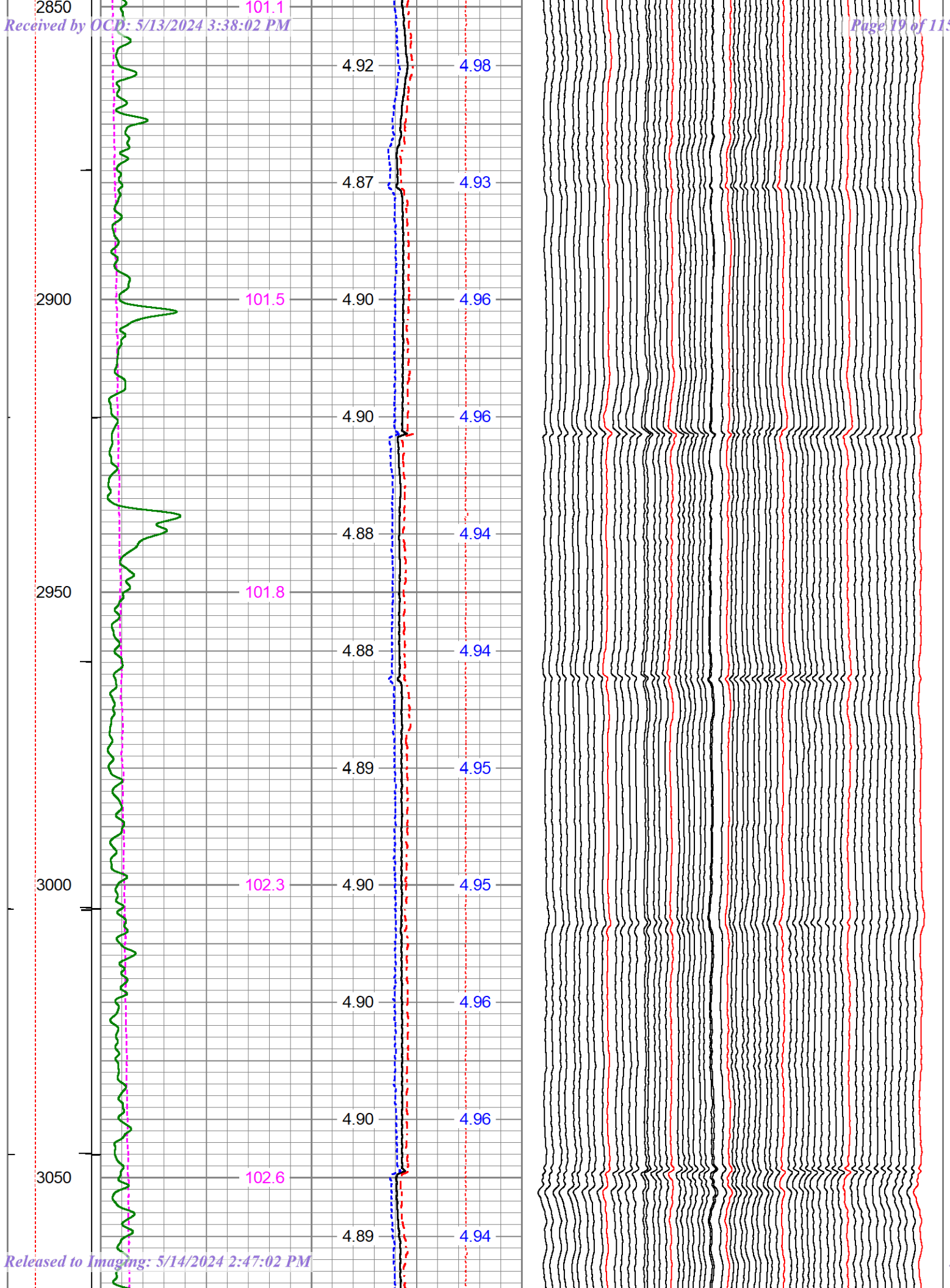


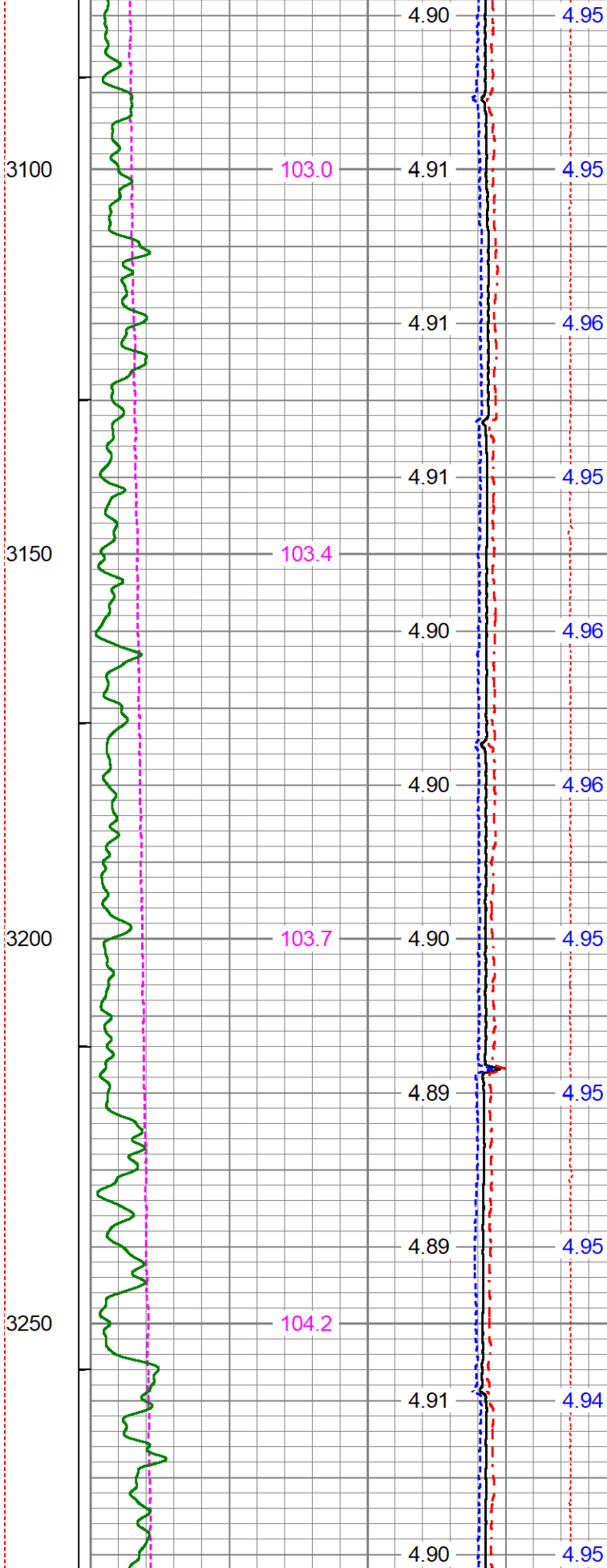


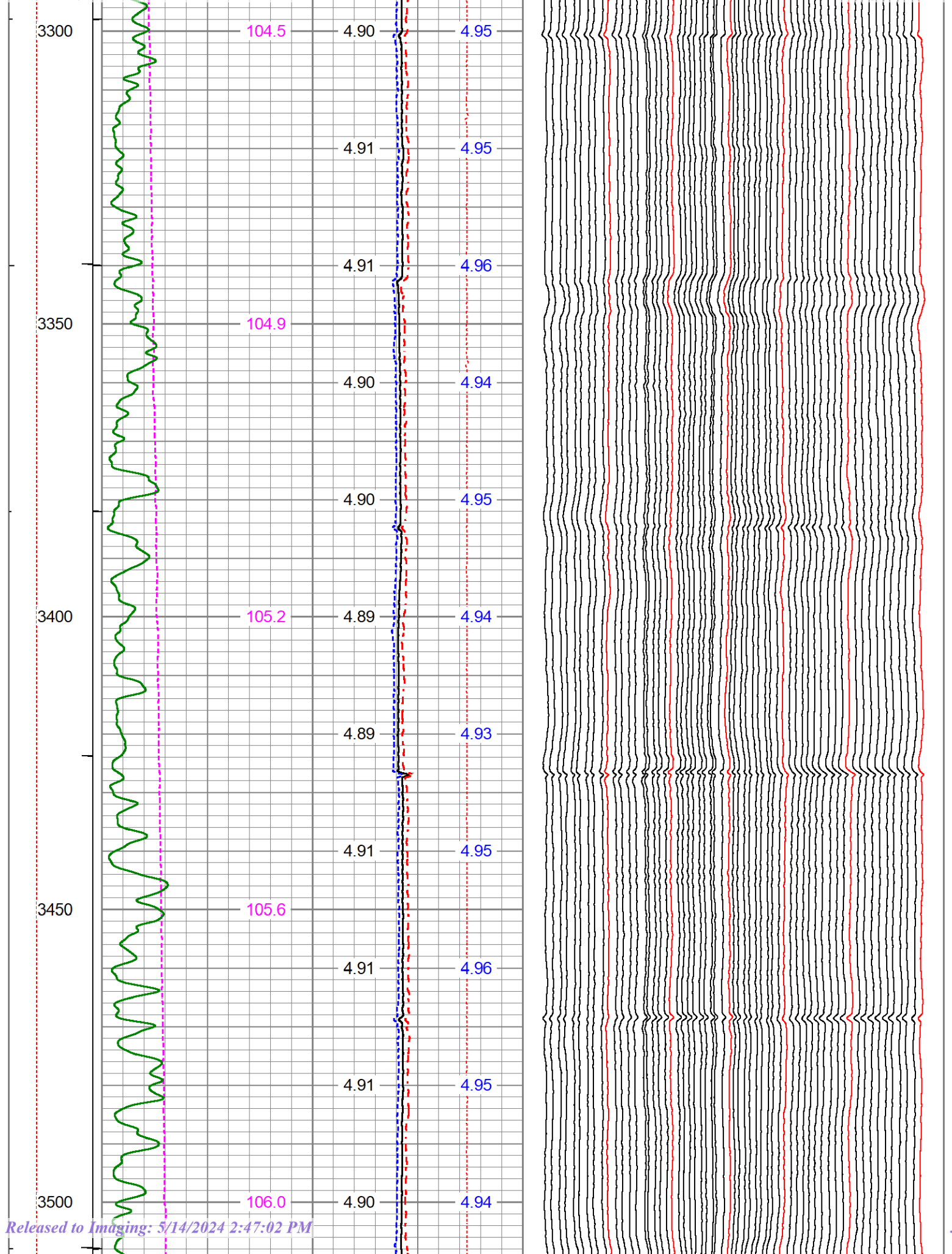


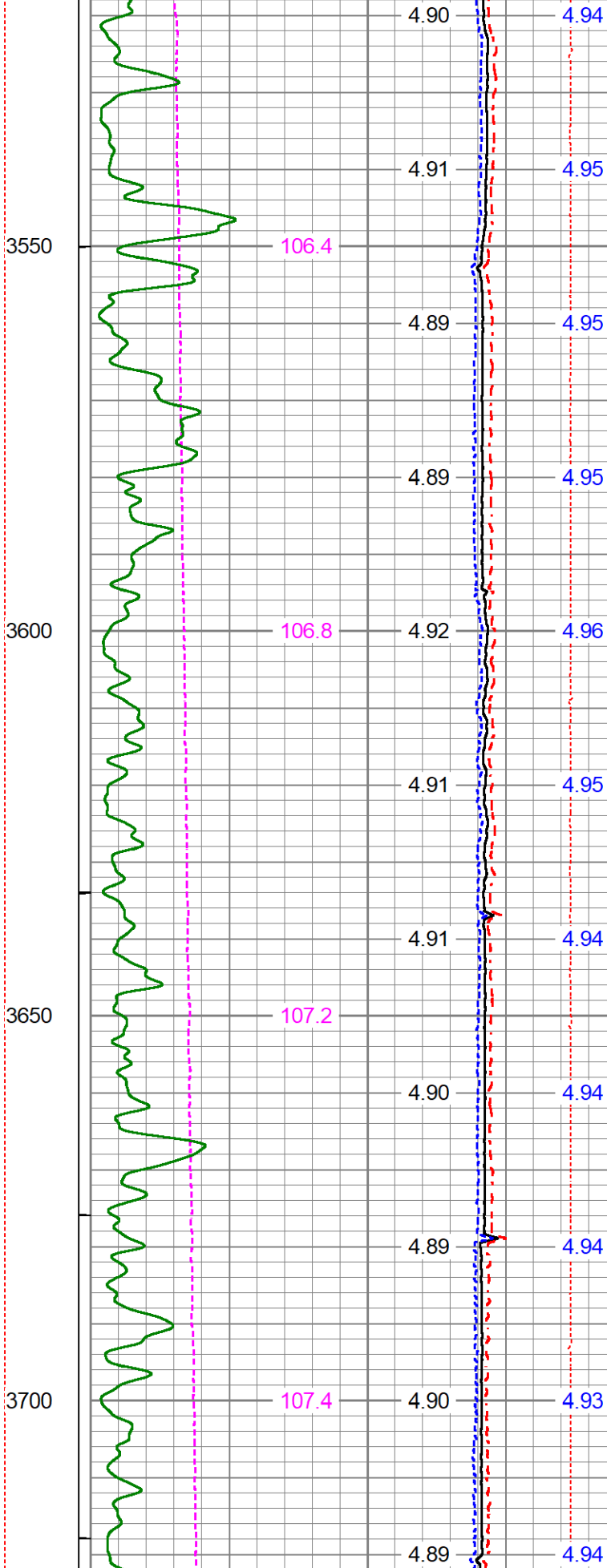


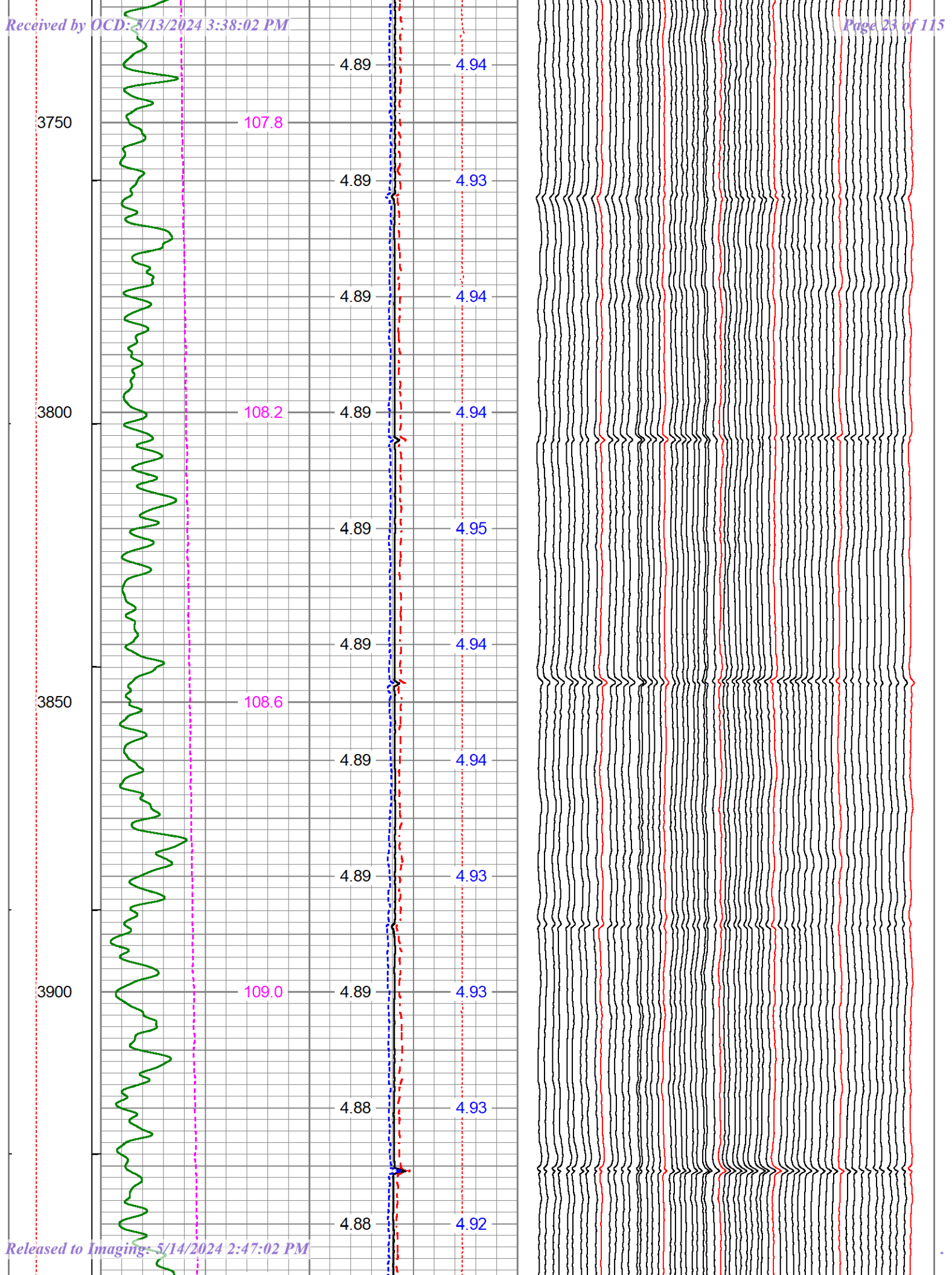


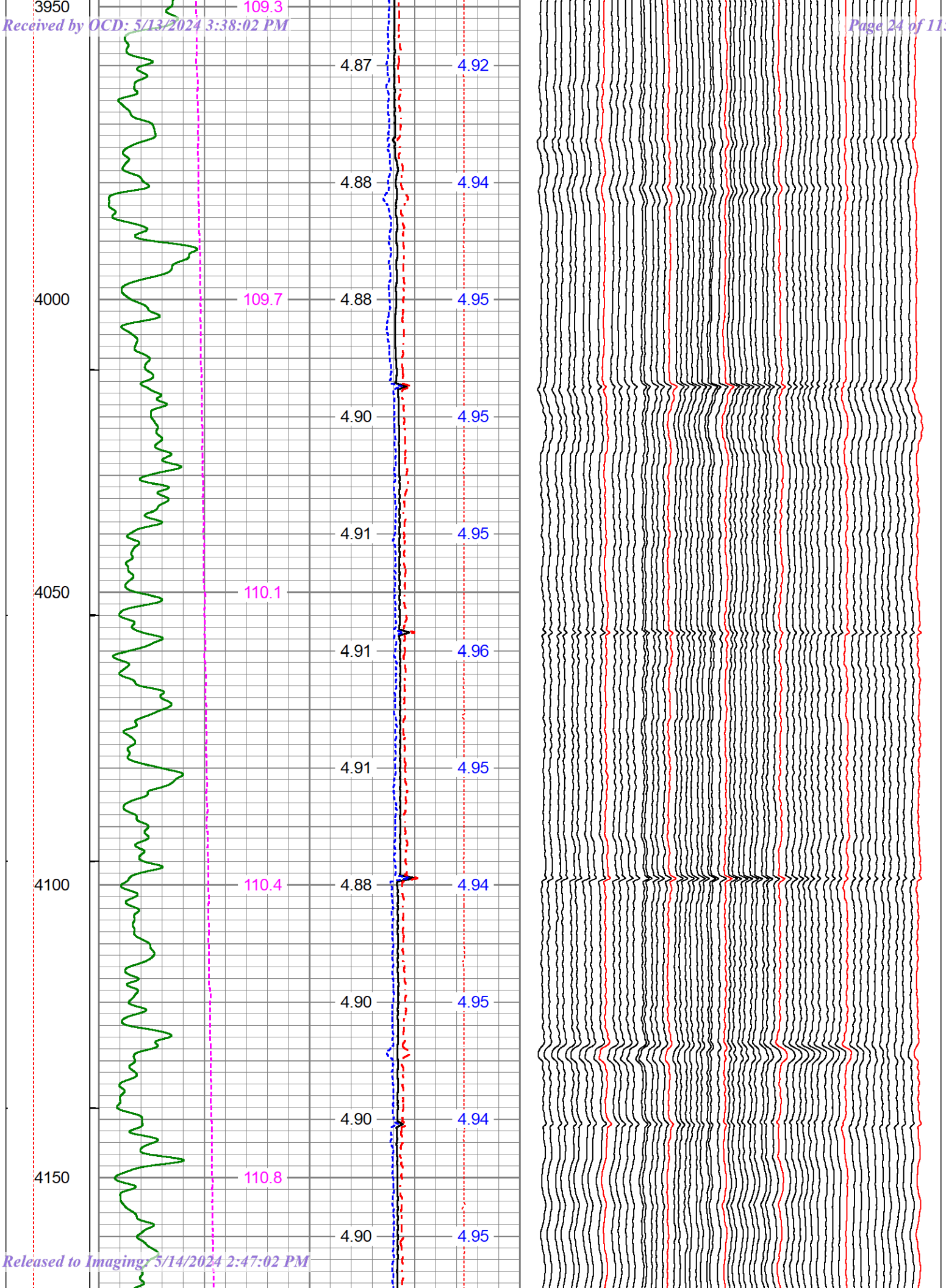


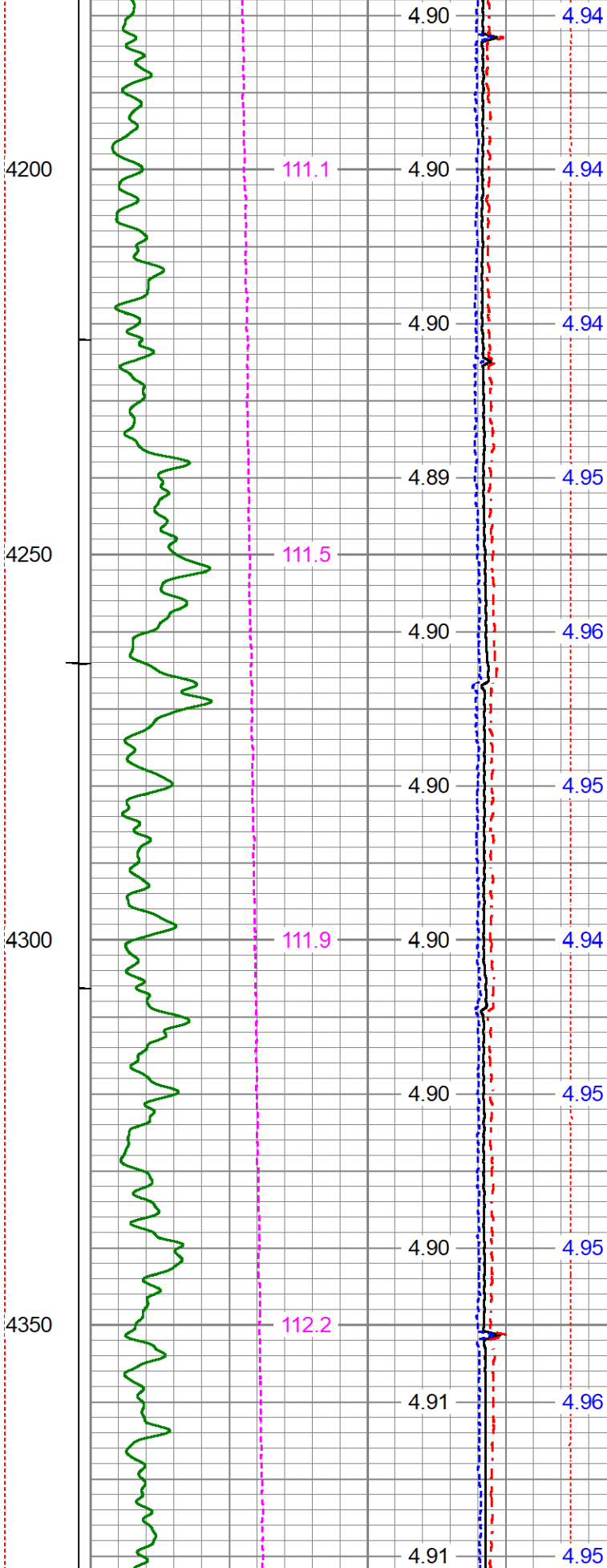








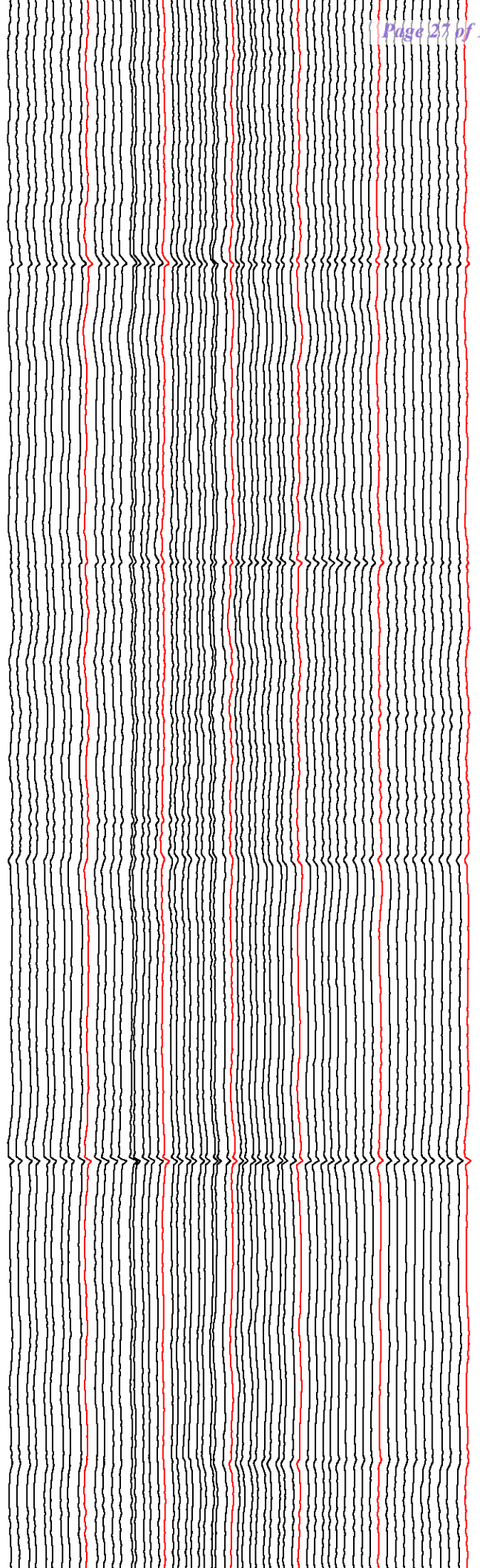
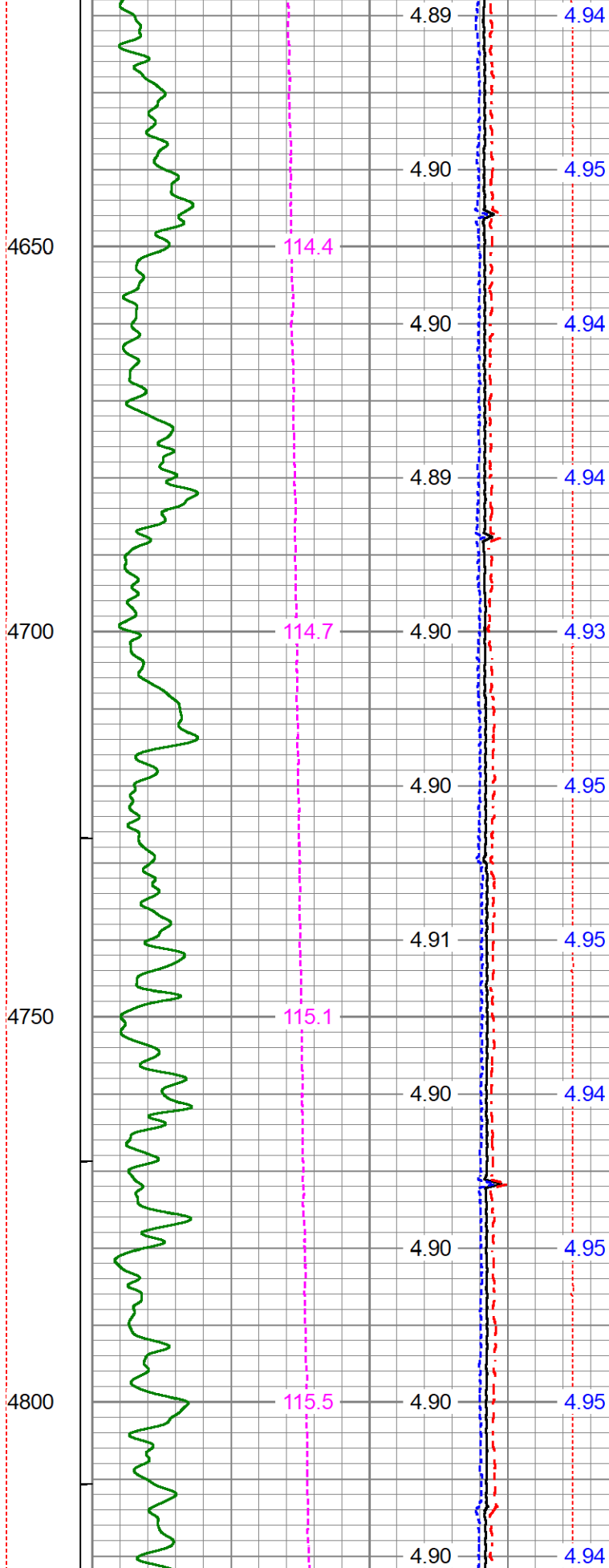


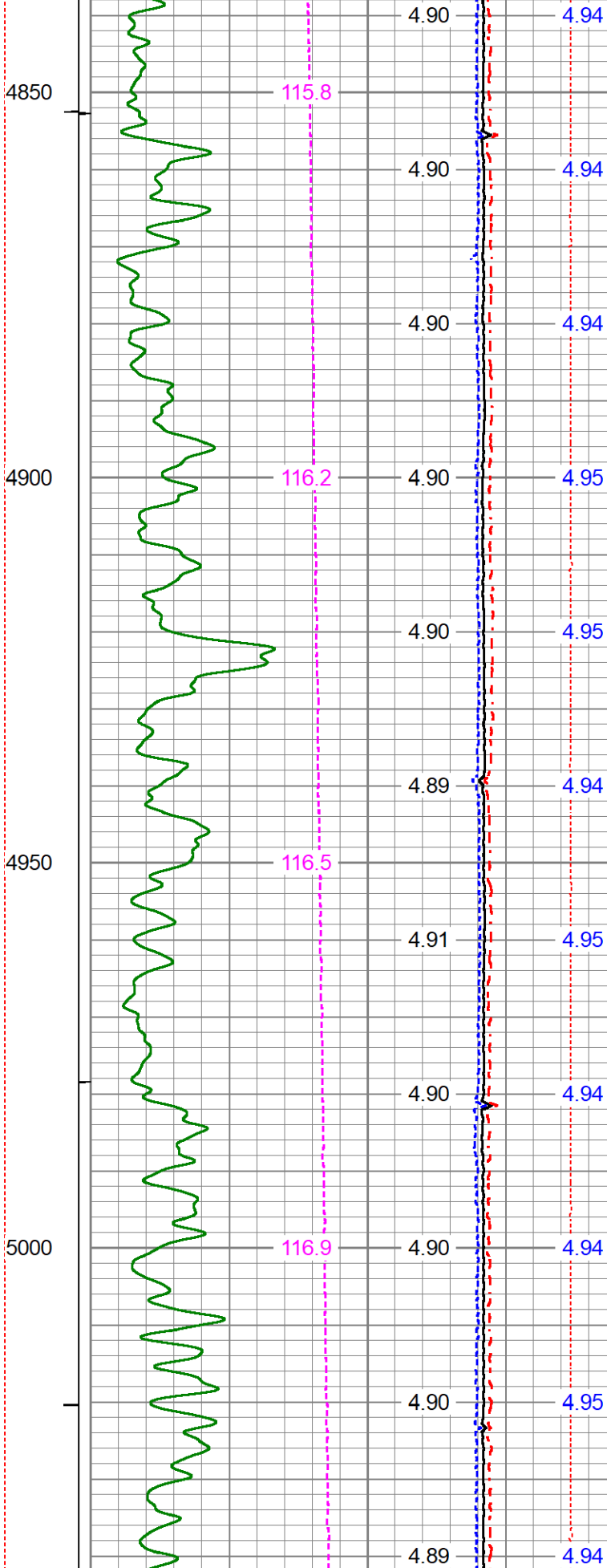


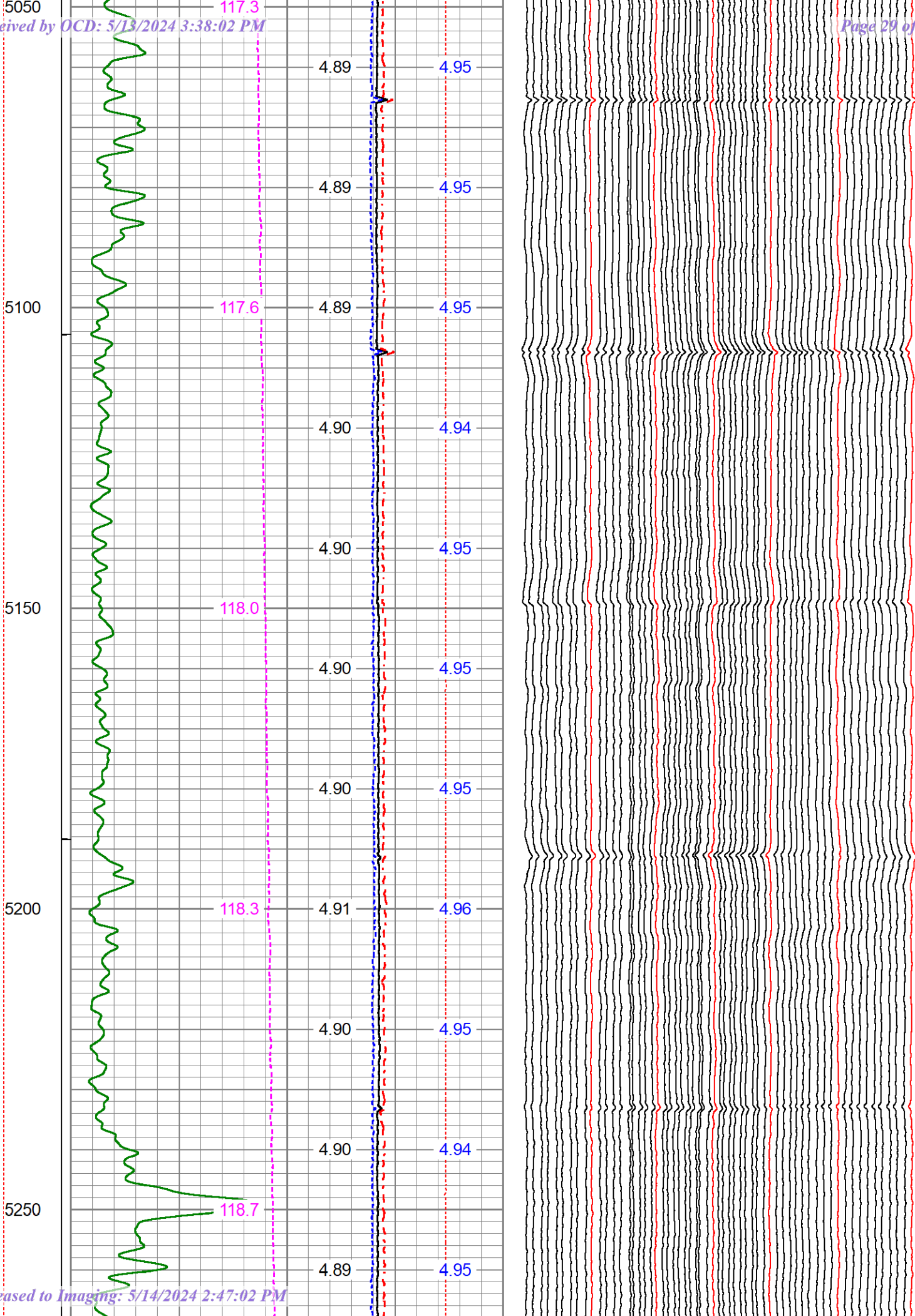
4400
4450
4500
4550
4600

112.6
112.9
113.3
113.7
114.0

4.90 4.95
4.90 4.96
4.90 4.95
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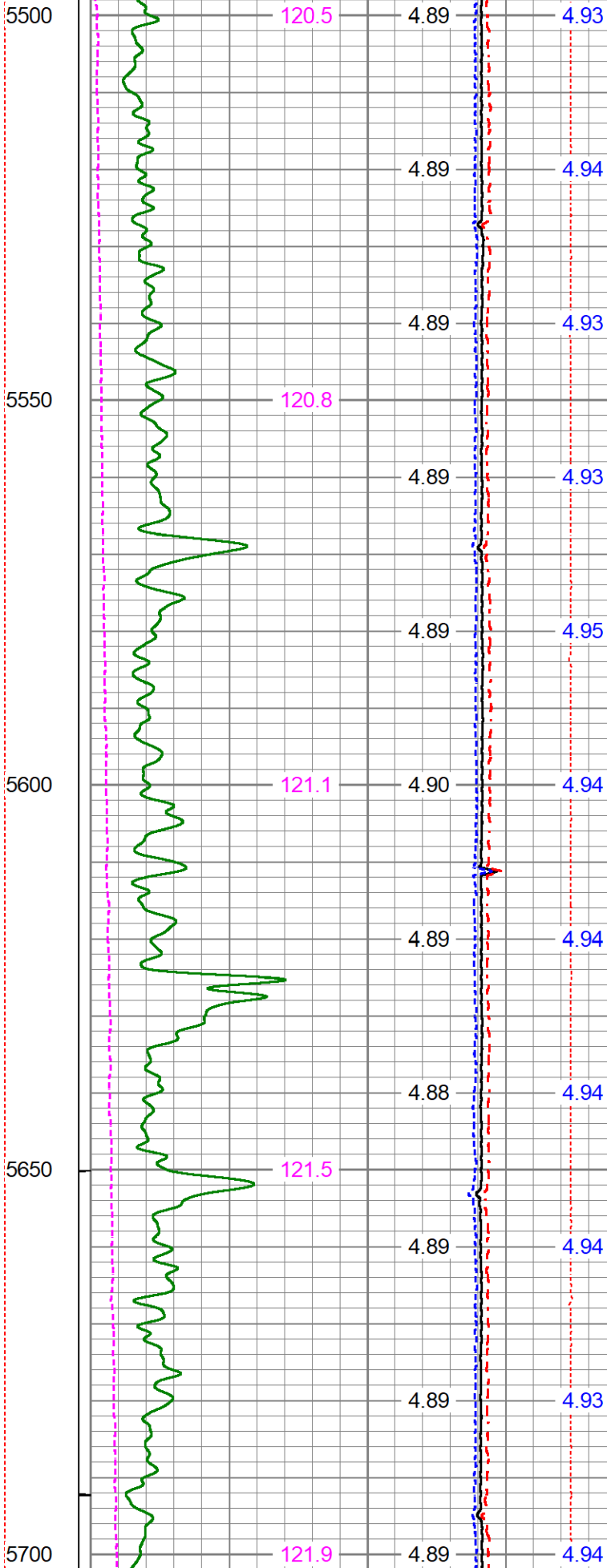
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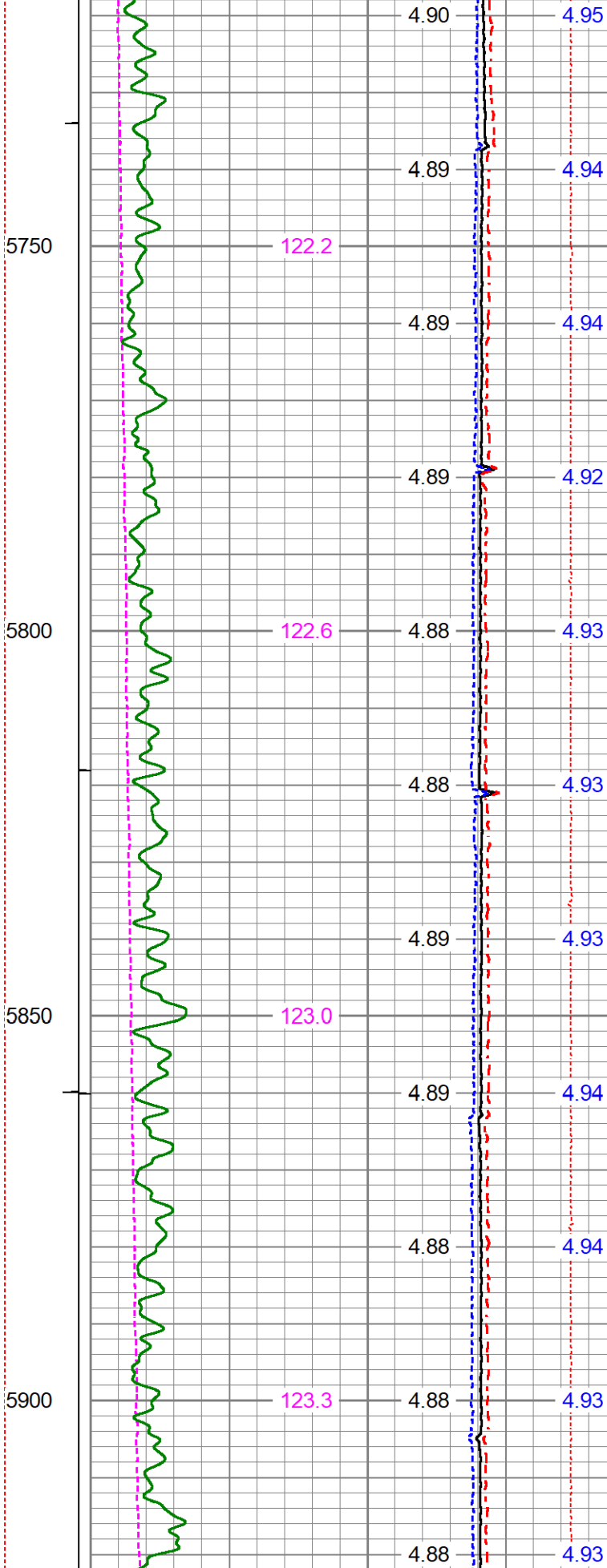
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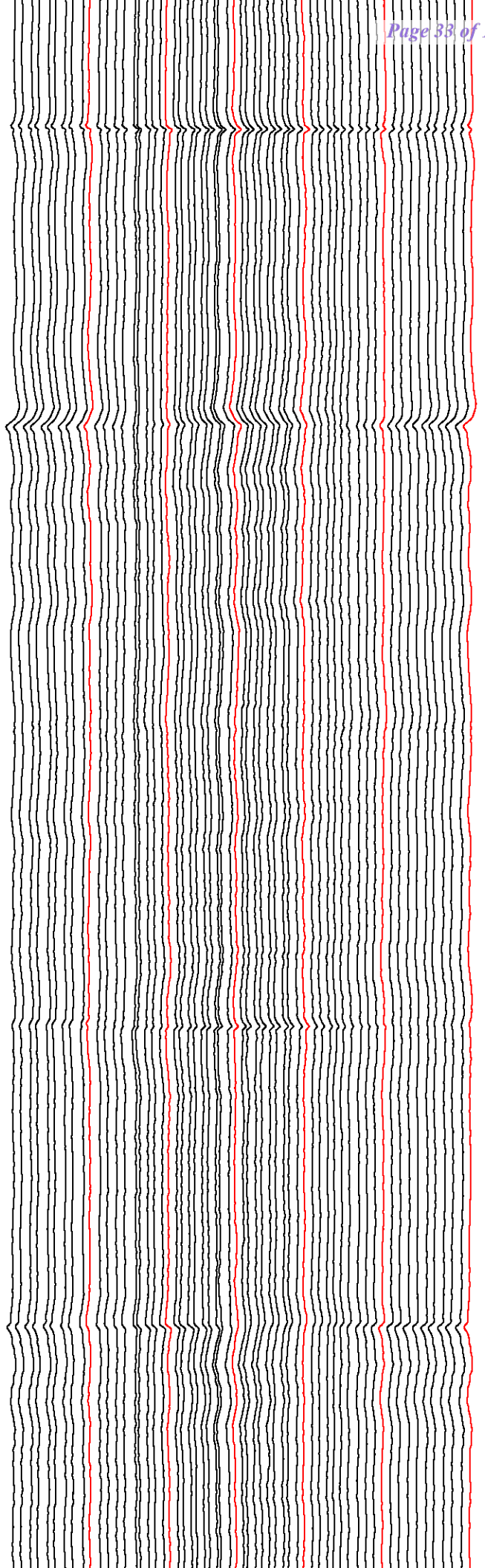
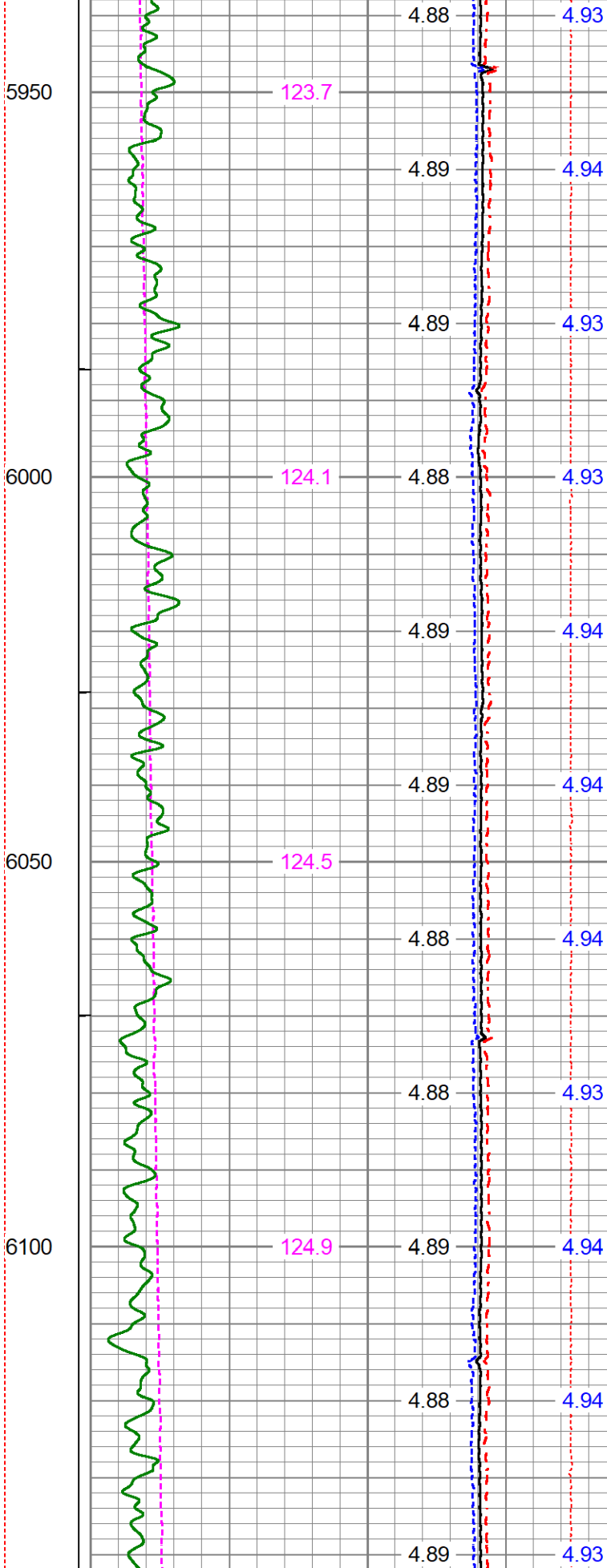
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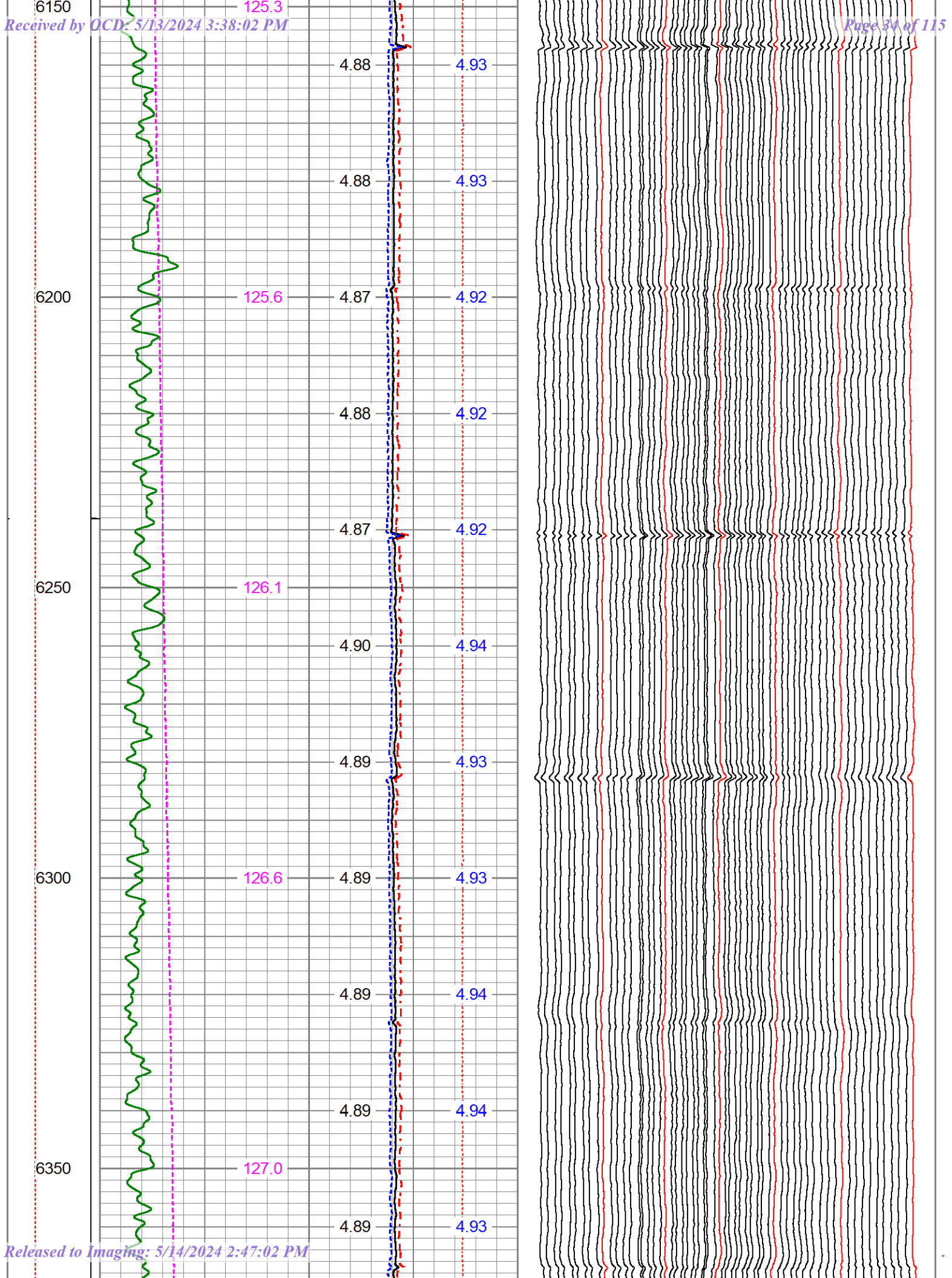
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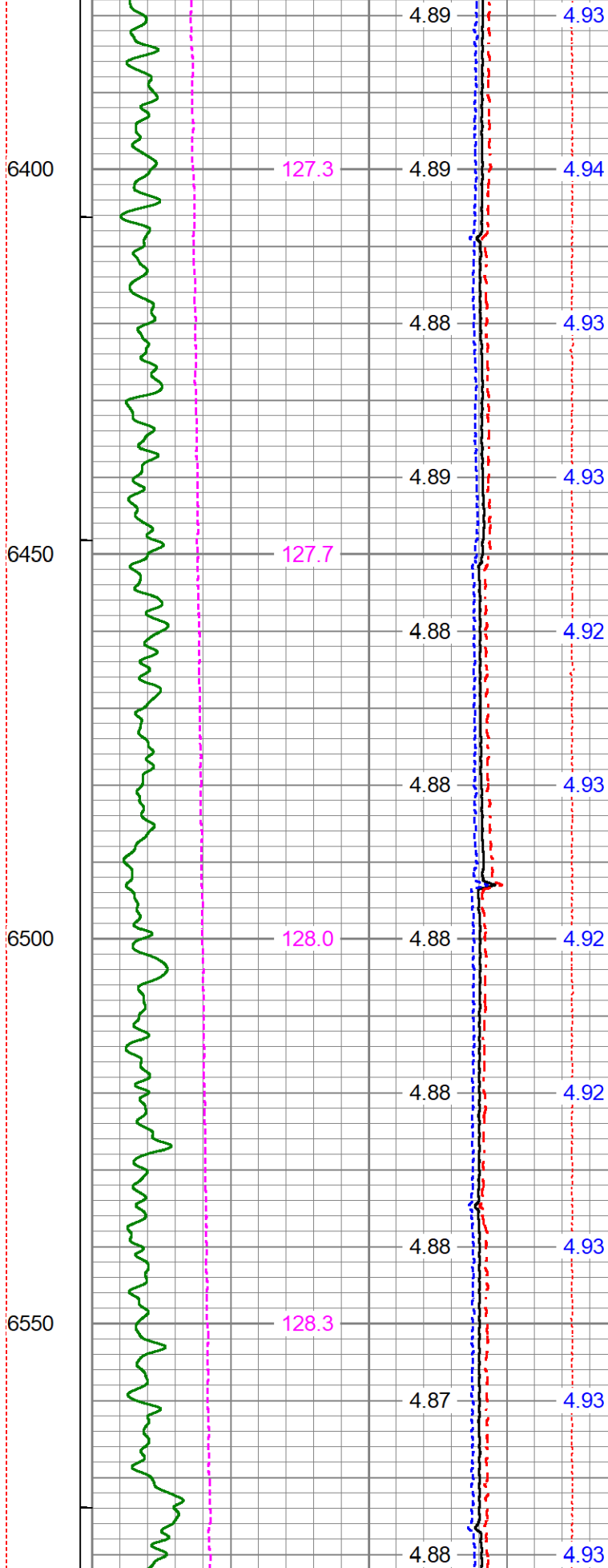
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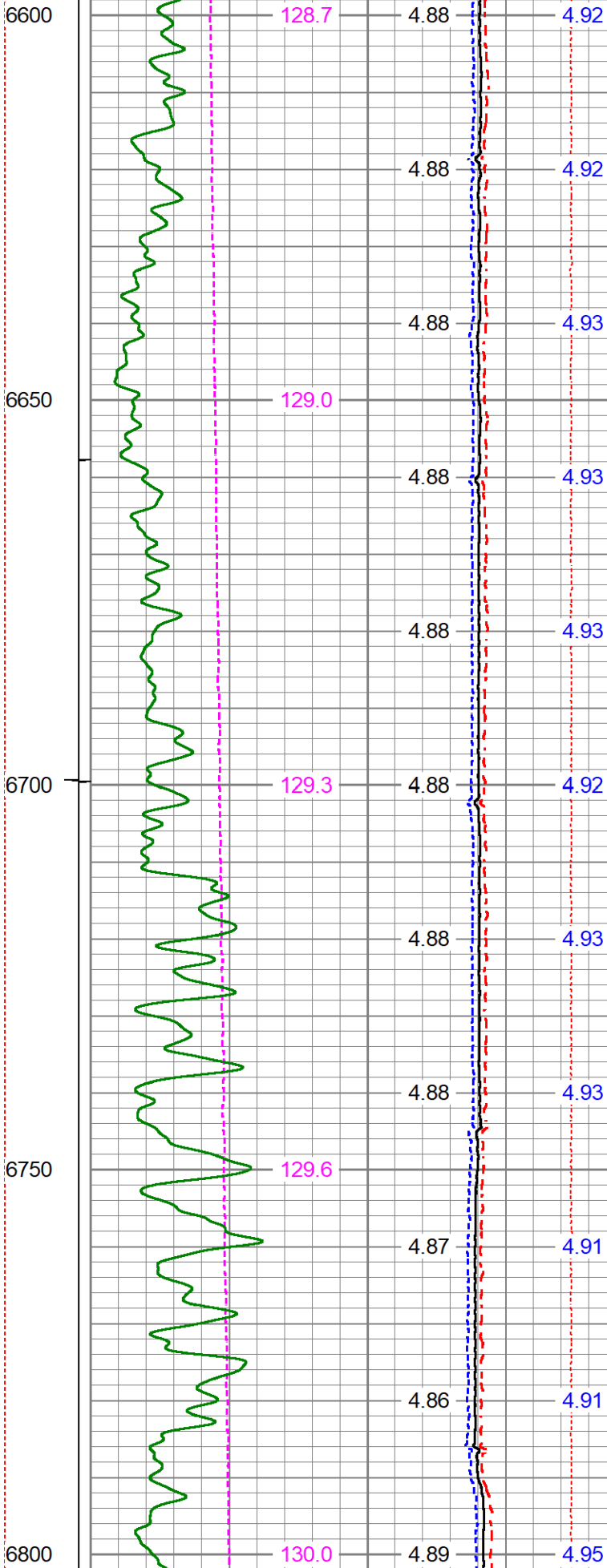


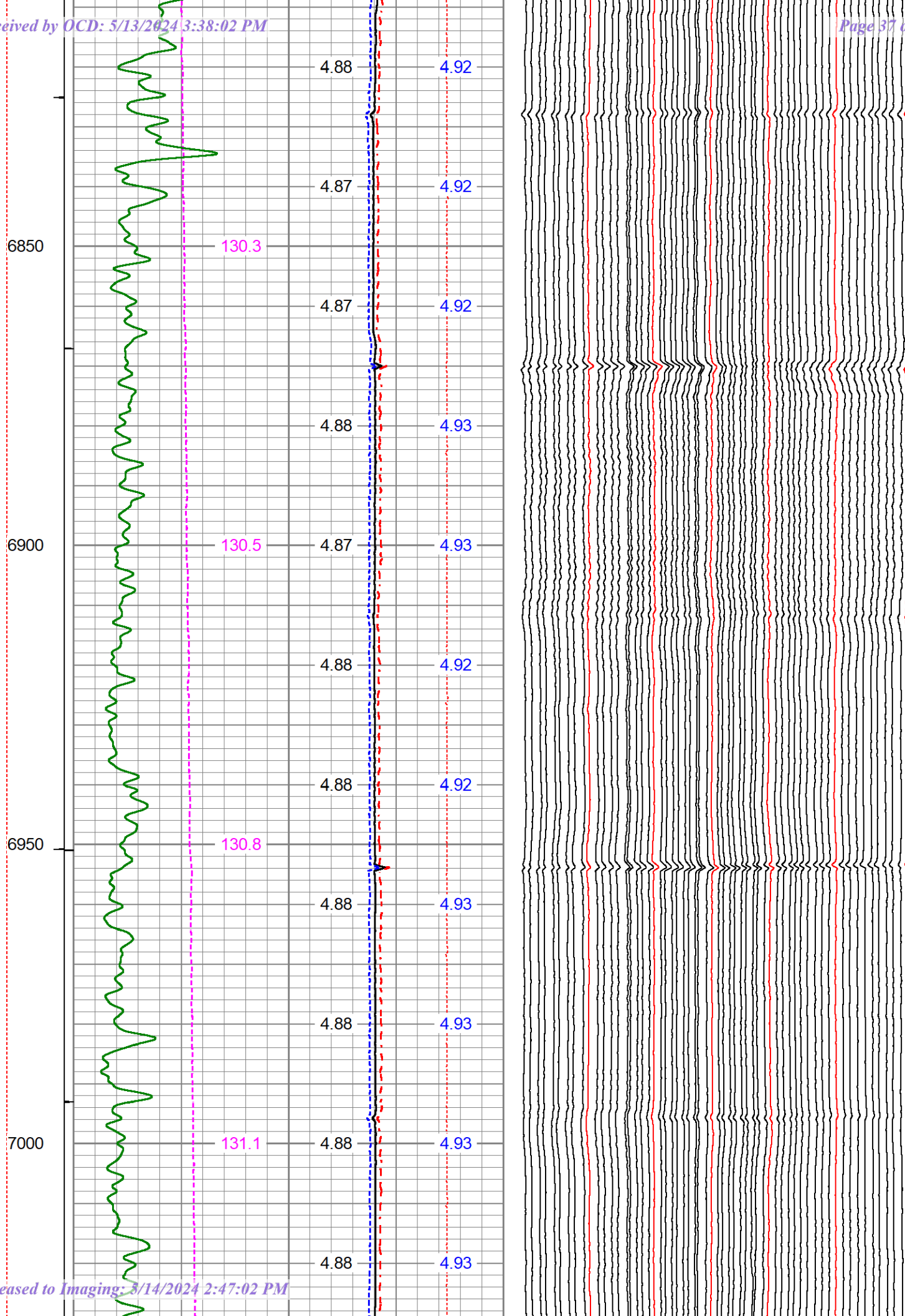


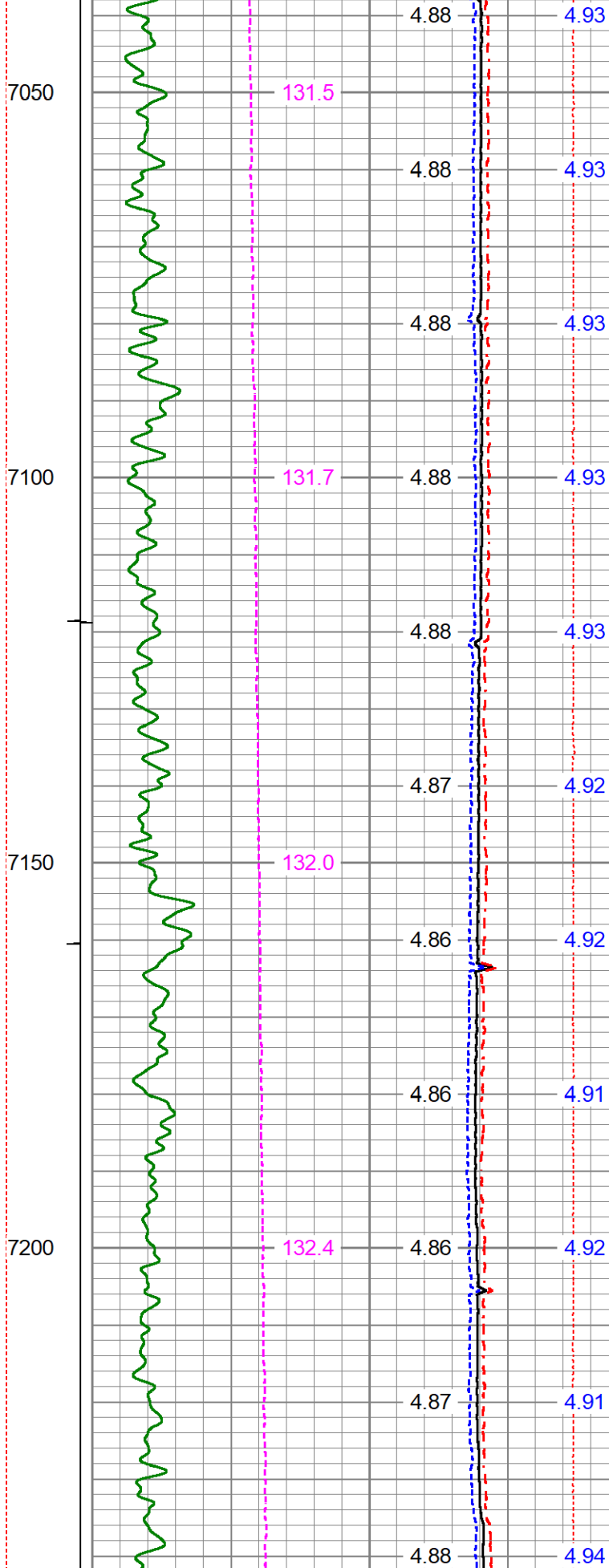


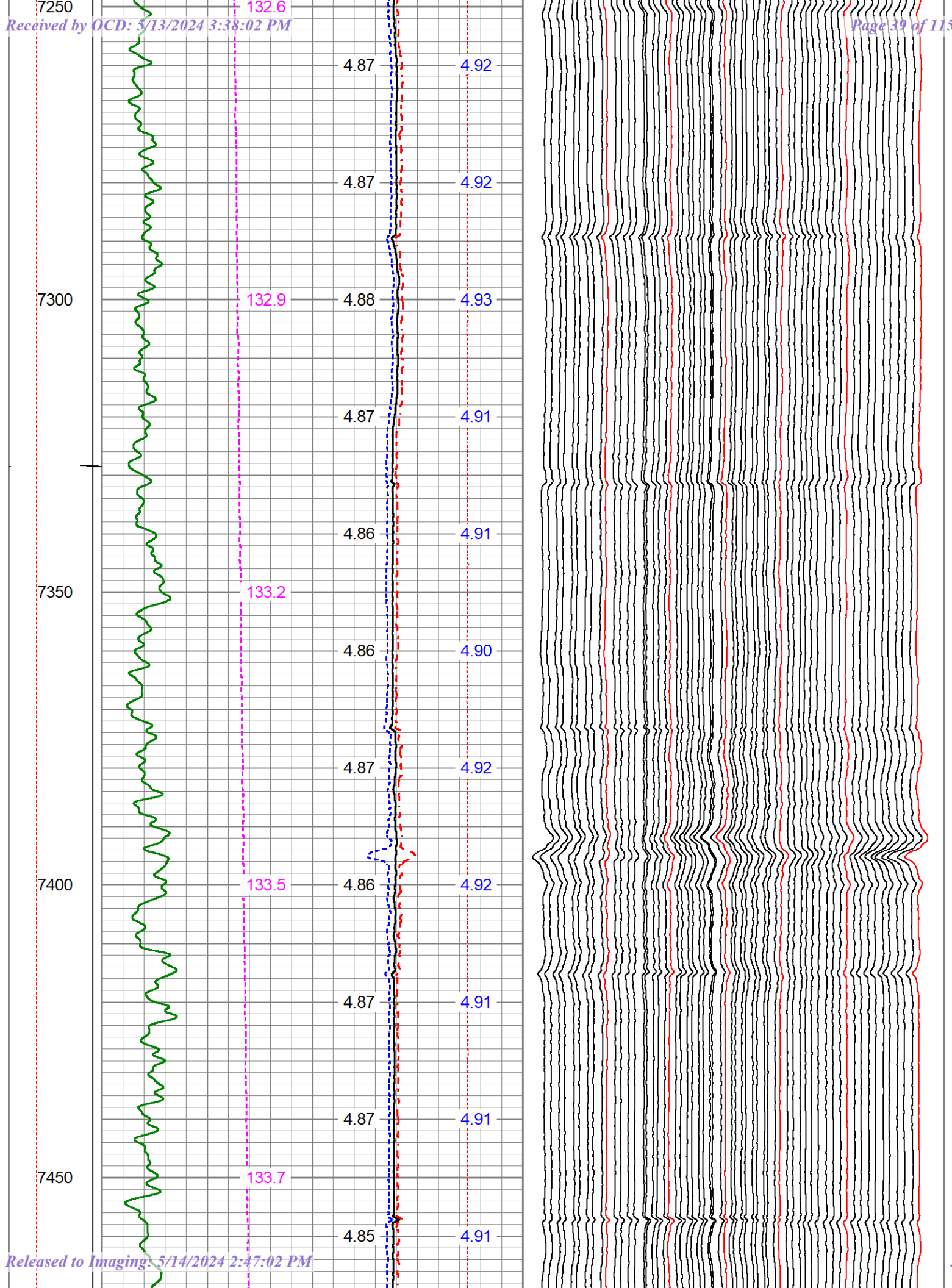


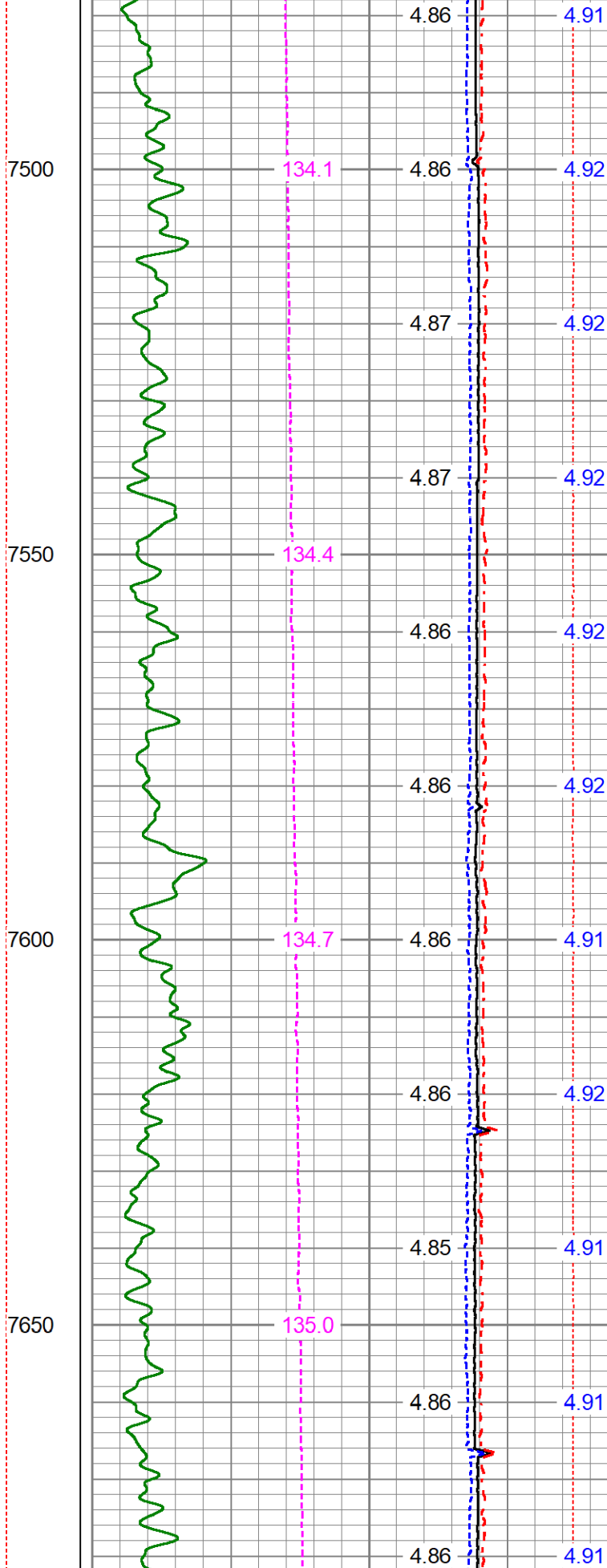


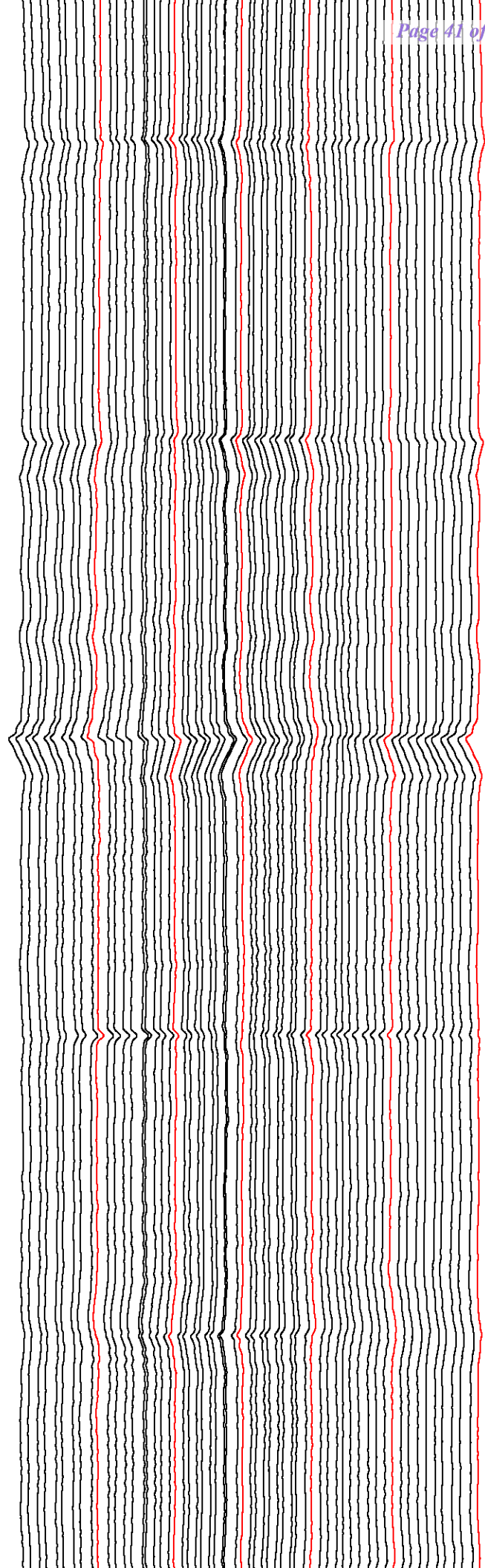
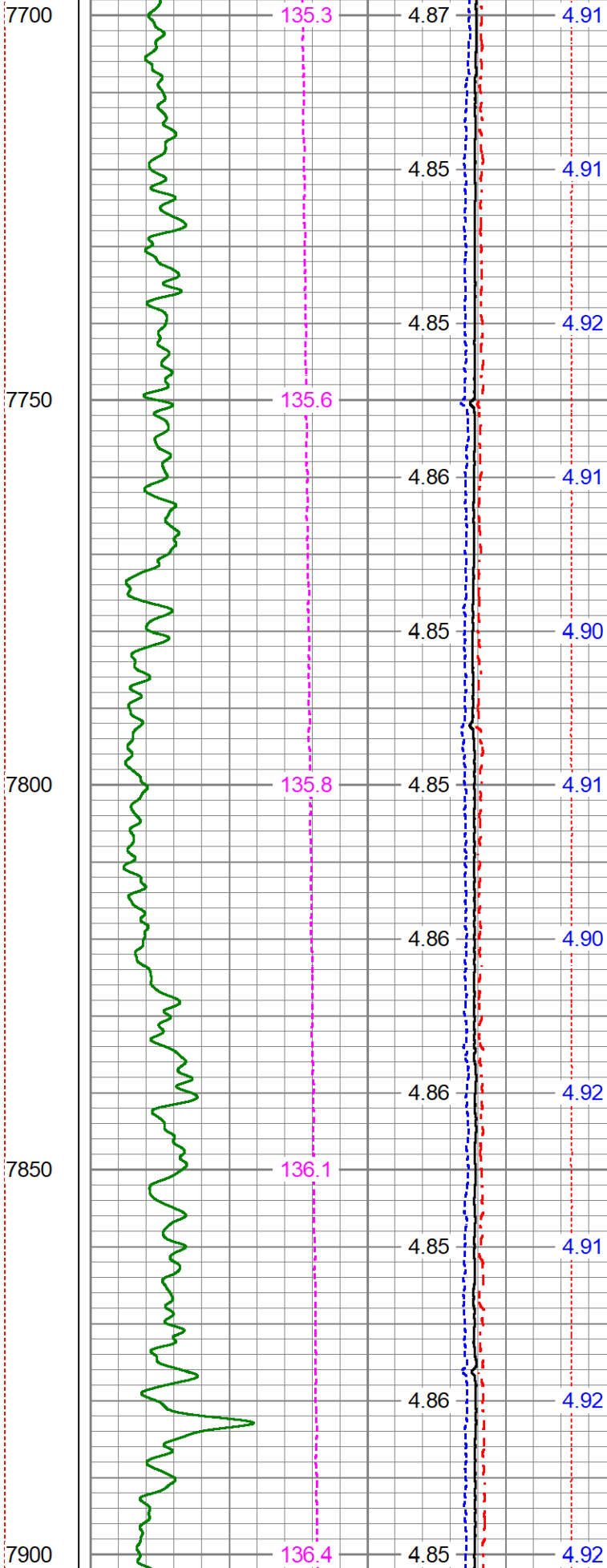












7950

8000

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8250

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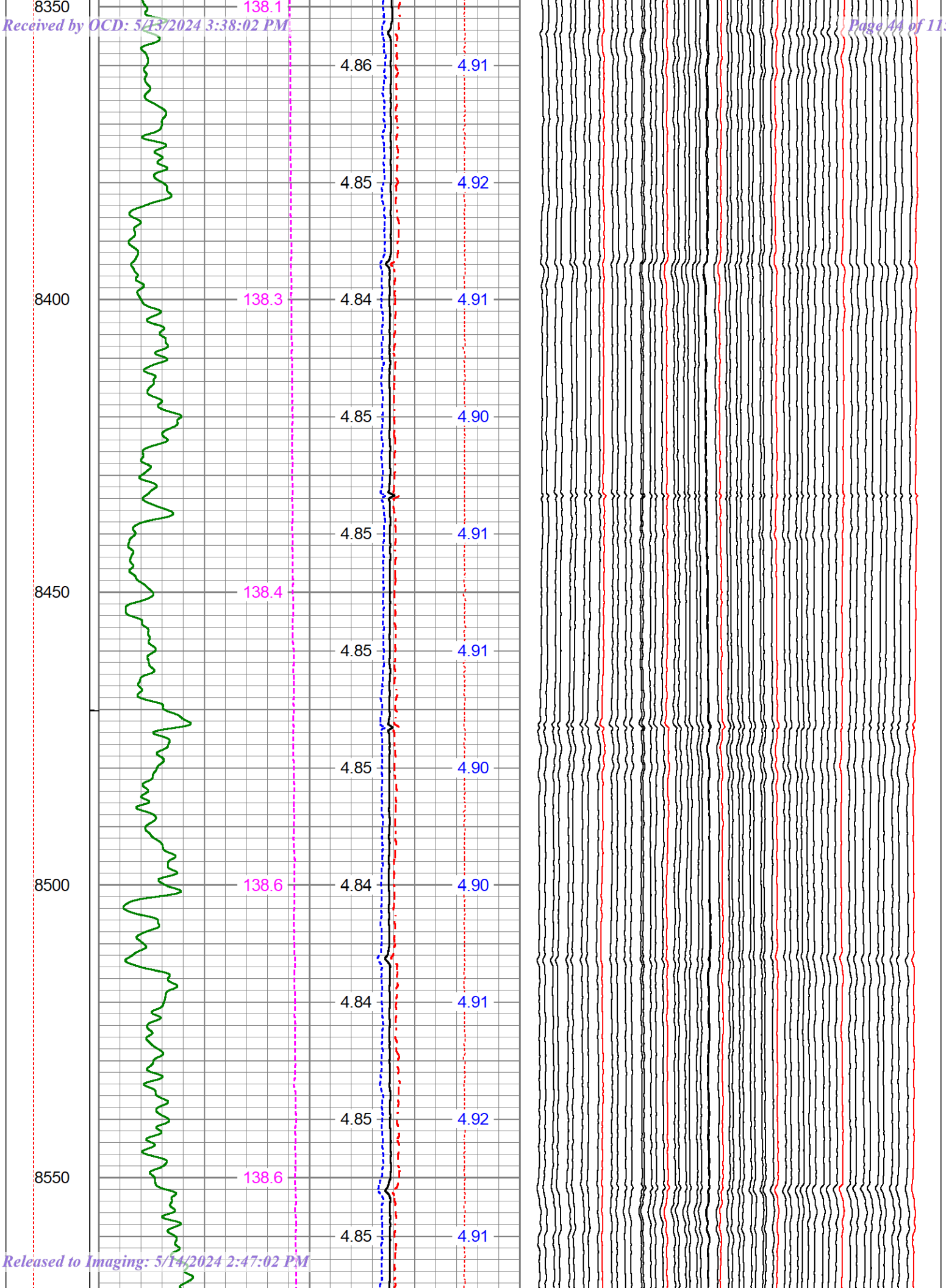
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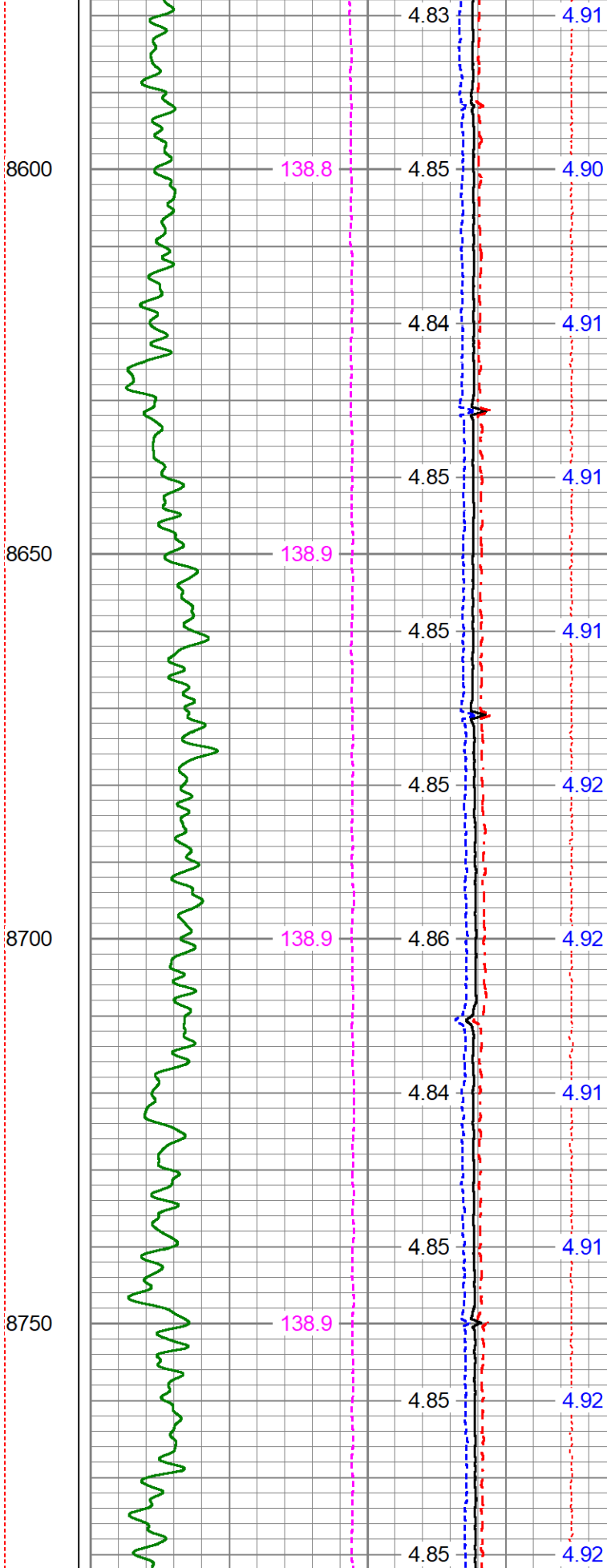
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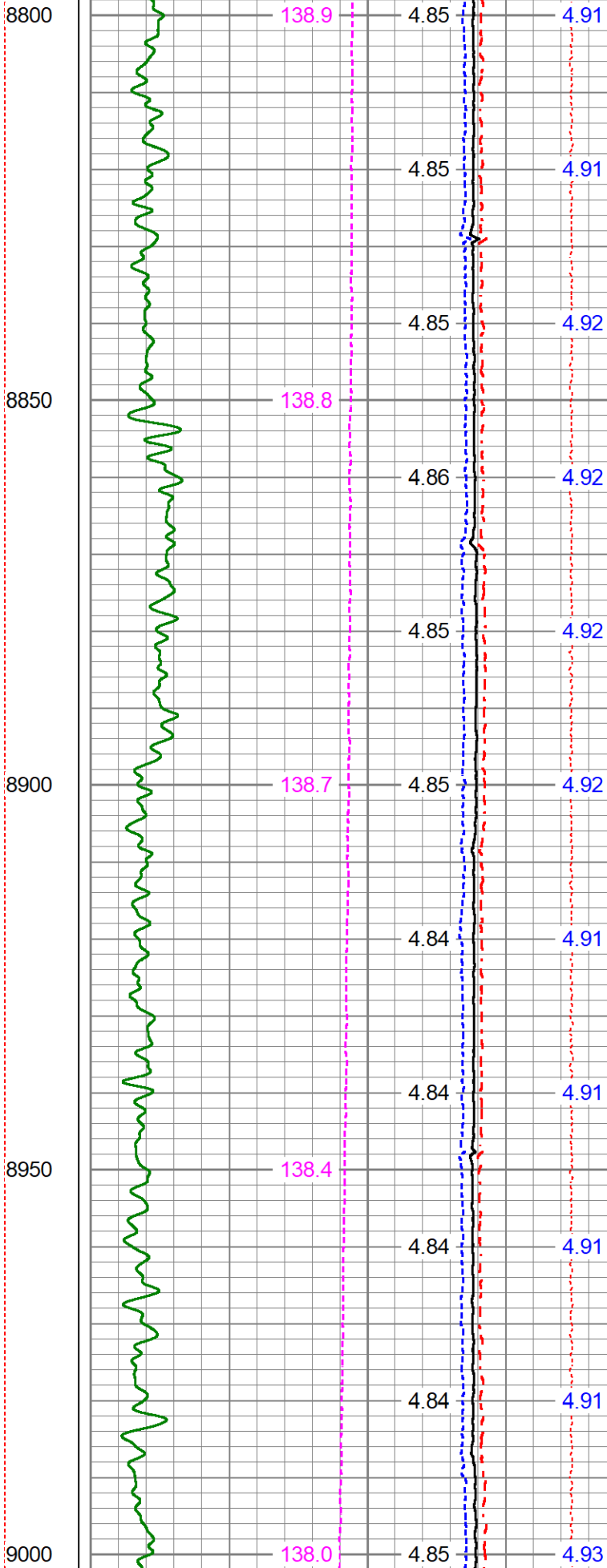
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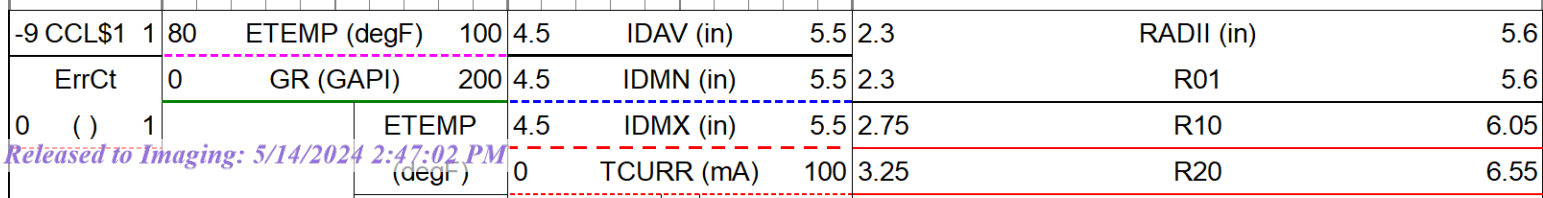
4.85 4.91

4.86 4.91









IDMN (in)	IDMX	3.75	R30	7.05
		4.25	R40	7.55
		4.75	R50	8.05
		5.25	R60	8.55

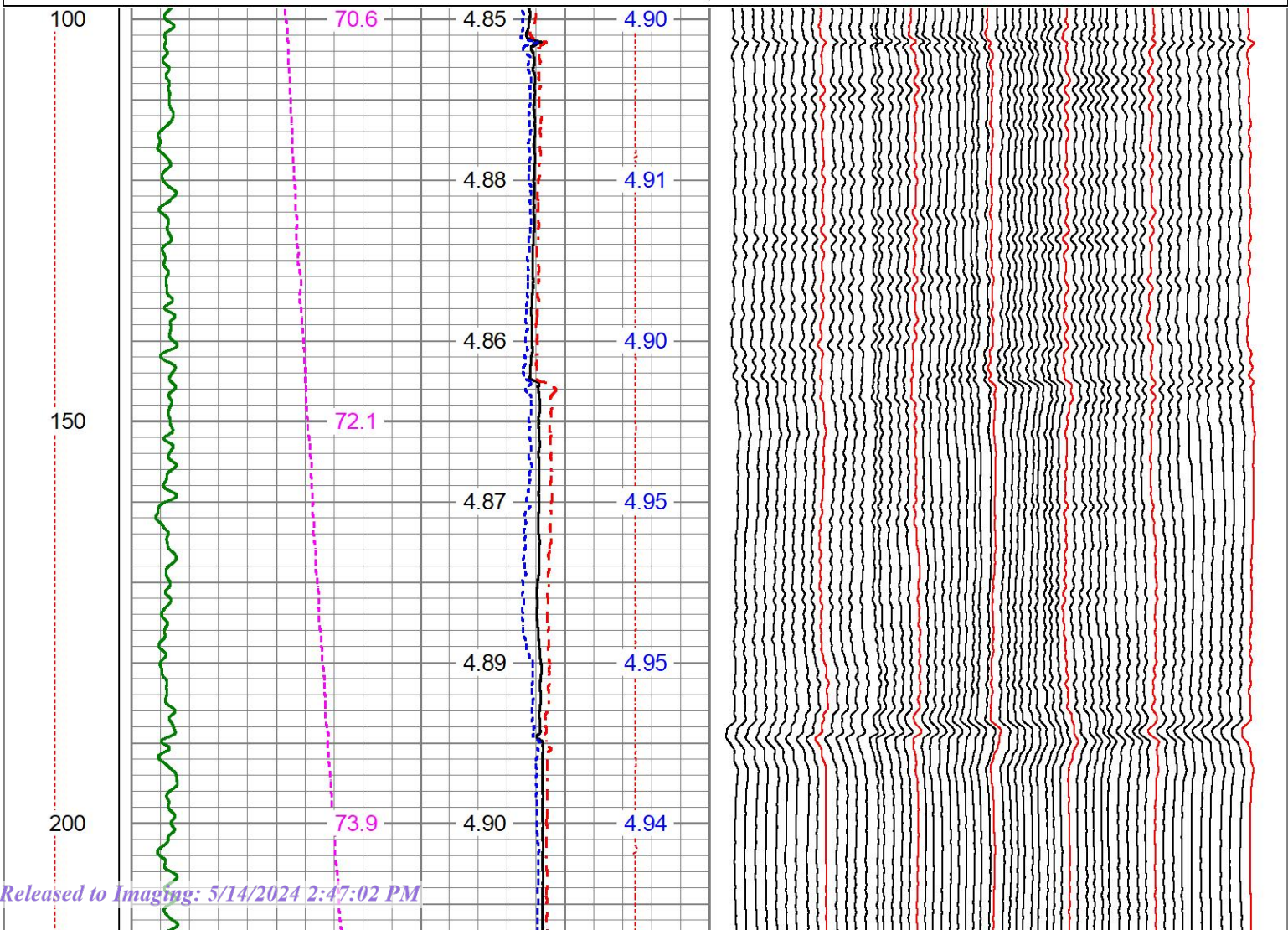


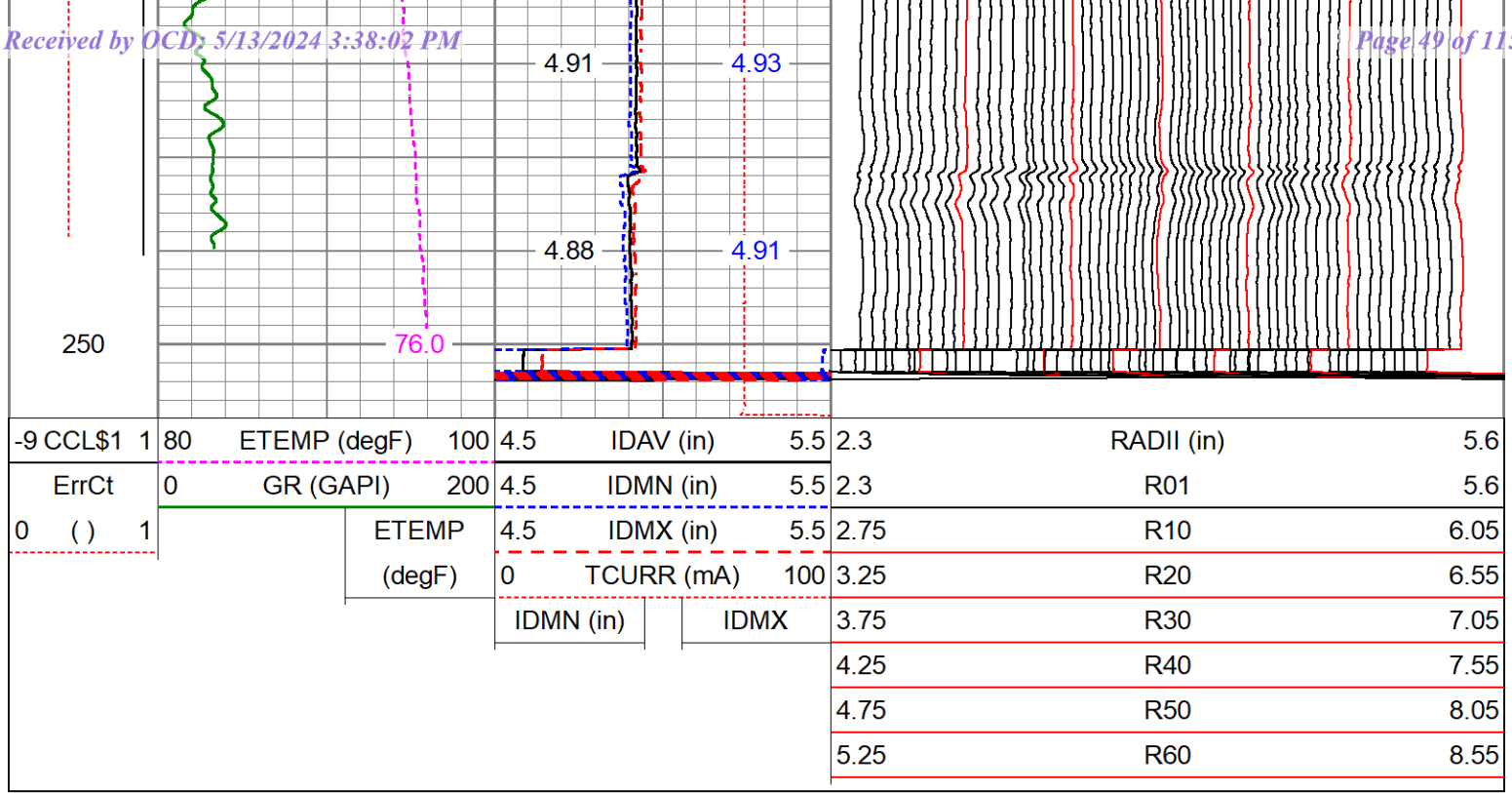
Nine

Repeat Pass

Database File	mac_60_bta_turner_1.db
Dataset Pathname	pass9
Presentation Format	prb_emit-macxx
Dataset Creation	Thu Apr 11 14:59:28 2024
Charted by	Depth in Feet scaled 1:240

-9 CCL\$1	1	80	ETEMP (degF)	100	4.5	IDAV (in)	5.5	2.3	RADII (in)	5.6
ErrCt	0		GR (GAPI)	200	4.5	IDMN (in)	5.5	2.3	R01	5.6
0	()	1	ETEMP		4.5	IDMX (in)	5.5	2.75	R10	6.05
			(degF)		0	TCURR (mA)	100	3.25	R20	6.55
					IDMN (in)	IDMX		3.75	R30	7.05
								4.25	R40	7.55
								4.75	R50	8.05
								5.25	R60	8.55





Log Variables

DatabaseC:\ProgramData\Warrior\Data\mac_60_bta_turner_1.db
Dataset field/well/run1/pass12/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 100	CASEID in 4.892	CASEOD in 5.5	CASETHCK in 0.304	IMGCCCLCTH 0.15	IMGRWCSRC Ecc-Cor	MinAPIWall in 0
PERFS No	SRFTEMP degF 0	TDEPTH ft 0					

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEID : Casing I.D.
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
IMGCCCLCTH : IMG Computed CCL threshold: fraction over nominal
IMGRWCSRC : IMG Remaining Wall computation source
MinAPIWall : Minimum API Wall Thickness
PERFS : Perforation Flag
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

Calibration Report

Database File	mac_60_bta_turner_1.db
Dataset Pathname	pass12
Dataset Creation	Thu Apr 11 15:51:30 2024

60 Arm Multi Sensor Caliper Calibration Report

Serial Number:	FW1908-028
Tool Model:	ProbeMAC60
Performed:	Thu Apr 11 14:50:32 2024

Released to Imaging: 5/14/2024 2:47:02 PM

Arm1	2.39	2.92	3.45	3.96	4.46	4.91
Arm2	2.45	2.97	3.50	4.01	4.51	4.96
Arm3	2.39	2.92	3.44	3.94	4.44	4.94
Arm4	2.37	2.89	3.42	3.94	4.44	4.91
Arm5	2.33	2.87	3.41	3.94	4.44	4.92
Arm6	2.35	2.87	3.40	3.93	4.42	4.92
Arm7	2.35	2.88	3.41	3.93	4.42	4.92
Arm8	2.38	2.90	3.44	3.97	4.47	4.95
Arm9	2.37	2.89	3.43	3.97	4.46	4.95
Arm10	2.30	2.82	3.36	3.91	4.42	4.91
Arm11	2.36	2.89	3.42	3.95	4.46	4.96
Arm12	2.33	2.87	3.41	3.95	4.45	4.97
Arm13	2.35	2.89	3.42	3.96	4.46	4.96
Arm14	2.34	2.87	3.40	3.94	4.44	4.95
Arm15	2.32	2.84	3.38	3.94	4.21	4.44
Arm16	2.34	2.87	3.40	3.95	4.45	4.95
Arm17	2.38	2.91	3.43	3.98	4.48	4.96
Arm18	2.41	2.94	3.48	4.03	4.51	4.97
Arm19	2.39	2.91	3.44	3.99	4.48	4.97
Arm20	2.46	2.99	3.51	4.06	4.55	5.03
Arm21	2.33	2.87	3.41	3.97	4.48	4.97
Arm22	2.47	3.02	3.54	4.09	4.57	5.04
Arm23	2.39	2.92	3.44	3.98	4.48	4.96
Arm24	2.37	2.91	3.43	3.98	4.47	4.94
Arm25	2.41	2.95	3.47	4.01	4.50	4.97
Arm26	2.40	2.93	3.45	4.00	4.48	4.94
Arm27	2.42	2.96	3.48	4.02	4.51	4.96
Arm28	2.48	3.01	3.53	4.06	4.55	4.99
Arm29	2.47	3.02	3.55	4.08	4.56	4.98
Arm30	2.30	2.86	3.40	3.95	4.44	4.89

* Bad

Ref ID:	5.00	6.00	7.00	8.00	9.00	10.00	in
Arm31	2.48	3.02	3.54	4.06	4.54	4.97	
Arm32	2.64	3.18	3.70	4.21	4.68	5.10	
Arm33	2.44	2.98	3.50	4.01	4.49	4.92	
Arm34	2.40	2.93	3.46	3.97	4.46	4.89	
Arm35	2.46	3.00	3.52	4.03	4.51	4.93	
Arm36	2.43	2.96	3.48	3.99	4.47	4.89	
Arm37	2.48	3.01	3.54	4.03	4.51	4.92	
Arm38	2.49	3.02	3.54	4.03	4.50	4.91	
Arm39	2.46	2.99	3.52	4.02	4.50	4.90	
Arm40	2.50	3.03	3.55	4.04	4.52	4.92	
Arm41	2.52	3.06	3.60	4.10	4.56	4.93	
Arm42	2.48	3.00	3.52	4.01	4.49	4.88	
Arm43	2.47	3.01	3.55	4.05	4.52	4.89	
Arm44	2.54	3.07	3.60	4.09	4.56	4.93	
Arm45	2.41	2.98	3.53	4.03	4.52	4.91	
Arm46	2.47	3.00	3.53	4.01	4.49	4.89	
Arm47	2.45	2.98	3.52	4.01	4.49	4.88	
Arm48	2.35	2.88	3.42	3.92	4.41	4.80	
Arm49	2.45	2.98	3.51	4.00	4.48	4.87	
Arm50	2.54	3.06	3.58	4.06	4.54	4.95	
Arm51	2.46	2.99	3.53	4.02	4.50	4.90	
Arm52	2.37	2.90	3.44	3.93	4.42	4.84	
Arm53	2.45	2.98	3.51	4.00	4.48	4.89	
Arm54	2.44	2.96	3.51	4.01	4.49	4.90	
Arm55	2.41	2.95	3.50	4.00	4.48	4.88	
Arm56	2.47	3.00	3.54	4.04	4.52	4.93	
Arm57	2.42	2.95	3.48	3.98	4.46	4.90	
Arm58	2.45	2.97	3.50	3.99	4.48	4.93	
Arm59	2.40	2.93	3.46	3.97	4.46	4.90	
Arm60	2.42	2.95	3.48	3.98	4.48	4.92	

PROBE Verifications Calibration Report

Performed:	Pre Verification Thu Apr 11 14:53:44 2024	Post Verification Tue Mar 12 16:40:03 2024	Casing Check
Ref ID:	5.00	5.01	0.00
Min.	4.97	5.01	0.00
Max.	5.00	5.04	0.00
Avg.	4.99	5.03	0.00
Dia1	5.00	5.02	0.00
Dia2	4.98	5.02	0.00
Dia3	5.00	5.02	0.00
Dia4	4.98	5.04	0.00
Dia5	4.99	5.03	0.00
Dia6	4.97	5.02	0.00
Dia7	4.99	5.02	0.00
Dia8	4.97	5.02	0.00
Dia9	5.00	5.02	0.00
Dia10	4.97	5.02	0.00
Dia11	5.00	5.02	0.00
Dia12	4.99	5.03	0.00
Dia13	5.00	5.02	0.00
Dia14	4.98	5.04	0.00
Dia15	5.00	5.01	0.00
Dia16	4.98	5.03	0.00
Dia17	4.99	5.02	0.00
Dia18	4.98	5.04	0.00
Dia19	5.00	5.02	0.00
Dia20	4.99	5.04	0.00
Dia21	5.00	5.03	0.00
Dia22	4.98	5.04	0.00
Dia23	5.00	5.02	0.00
Dia24	4.98	5.02	0.00
Dia25	5.00	5.03	0.00
Dia26	4.98	5.02	0.00
Dia27	4.99	5.03	0.00
Dia28	4.98	5.04	0.00
Dia29	5.00	5.04	0.00
Dia30	4.97	5.03	0.00

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

Gamma Ray Calibration Report

Serial Number: GCT275-0000_base
 Tool Model: GCT275-0000
 Performed: (Not Performed)

Calibrator Value: 1.0 GAPI

Calibrator Value:	0.0	cps
Background Reading:	1.0	cps
Calibrator Reading:		
Sensitivity:	1.0000	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ErrCt	19.30		Cable_Heads-1_69Titan_CableHead 1 11/16" Titan Cable Head (Max Tension 42,000 lbf) 1" Fish Neck	1.03	1.69	5.40
GCT_HV	18.27					
CCL\$2	17.31					
CCL\$1	17.31					
GCT_Temp	16.76					
GR	15.89		GC-GCT275-0000 (GCT275-0000_base) Probe 2.75" Gamma Ray - CCL w/ Temp	4.77	2.75	55.00
			Centralizer-Probe275 Probe 2.75" 4 Arm Bow Spring Centralizer	2.88	2.75	36.00
ACCZ	8.22					
ACCY	8.22					
ACCX	8.22		MAC60-ProbeMAC60 (FW1908-028)	7.40	3.63	85.00
ETEMP	5.72					
Meas	4.38					
			Centralizer-Probe275 Probe 2.75" 4 Arm Bow Spring Centralizer	2.88	2.75	36.00

Received by OCD: 5/13/2024 3:38:02 PM		BullPlug-275 2 3/4" Bull Plug	0.33	2.75	5.00	Page 53 of 115
Dataset: mac_60_bta_turner_1.db: field/well/run1/pass12 Total length: 19.30 ft Total weight: 222.40 lb O.D.: 3.63 in						



7509 W. Industrial Ave
Suite A-1
Midland, TX 79706
info@jl-laboratories.com

Order Number: SG240418-013

Oil Carryover

Customer	Imperative – RSI	Account Rep	Cline, Philip
Operator	BTA	Date Sampled	04/16/2024
Well Name	Turner #1	Date Submitted	04/18/2024
Sample Point	Wellhead	Sample ID	WC240418-003
Region		Notes	pH 8

Analyte	Result
Total Oil & Grease	7.00 ppm

Equipment Used
WilksIR



Nine

Radial Cement Bond

Gamma Ray / CCL Log

Company		BTA Oil Producers	
Well		8408 JV-P Turner No. 1	
Field		Double A (ABO)	
County		Lea	
State		New Mexico	
Location:		API # : 3002529414	
SEC 21 TWP 17S RGE 36E		Other Services MAC 60	
Permanent Datum	Ground Level	Elevation	3971'
Log Measured From	Kelly Bushing		
Drilling Measured From	Kelly Bushing		
Date		April 11th 2024	
Run Number		One	
Depth Driller		N/A	
Depth Logger		N/A	
Bottom Logged Interval		9,200'	
Top Log Interval		Surface	
Casing Driller		N/A	
Casing Logger		N/A	
Bit Size		N/A	
Type Fluid in Hole		N/A	
Density / Viscosity		N/A	
pH Fluid Loss		N/A	
Source of Sample		N/A	
Rt @ Meas. Temp		N/A	
Rt @ Meas. Temp		N/A	
Rt @ Meas. Temp		N/A	
Source of Rmf / Rmc		N/A	
Rt @ BHT		N/A	
Time Circulation Stopped		N/A	
Time Logger on Bottom		10:00 AM	
Maximum Recorded Temperature		155 Deg F	
Equipment Number		Truck 221	
Location		Midland, Texas	
Recorded By		Chad Clay	
Witnessed By		Mr. Jose Perez	

<<< 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.

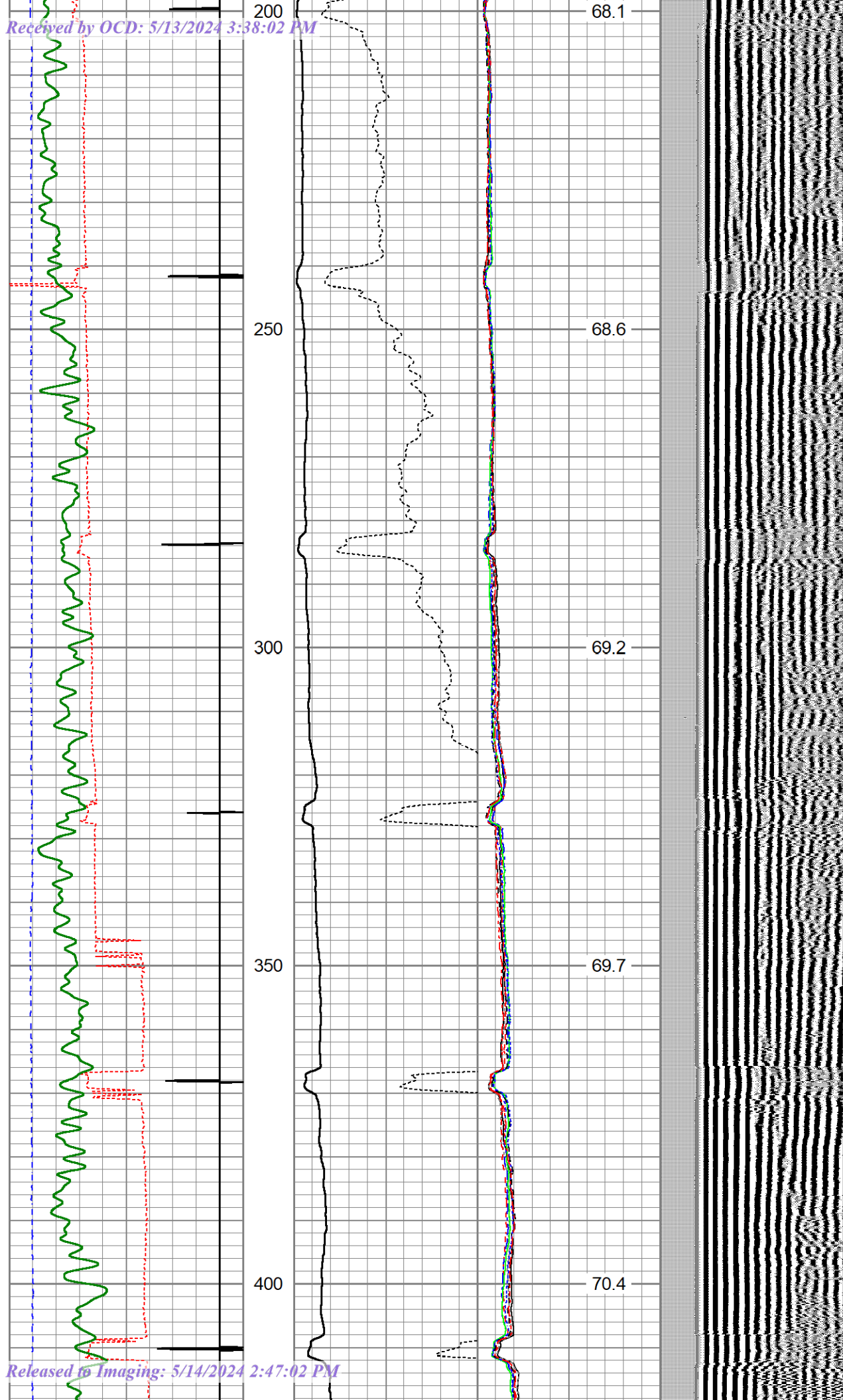
Comments

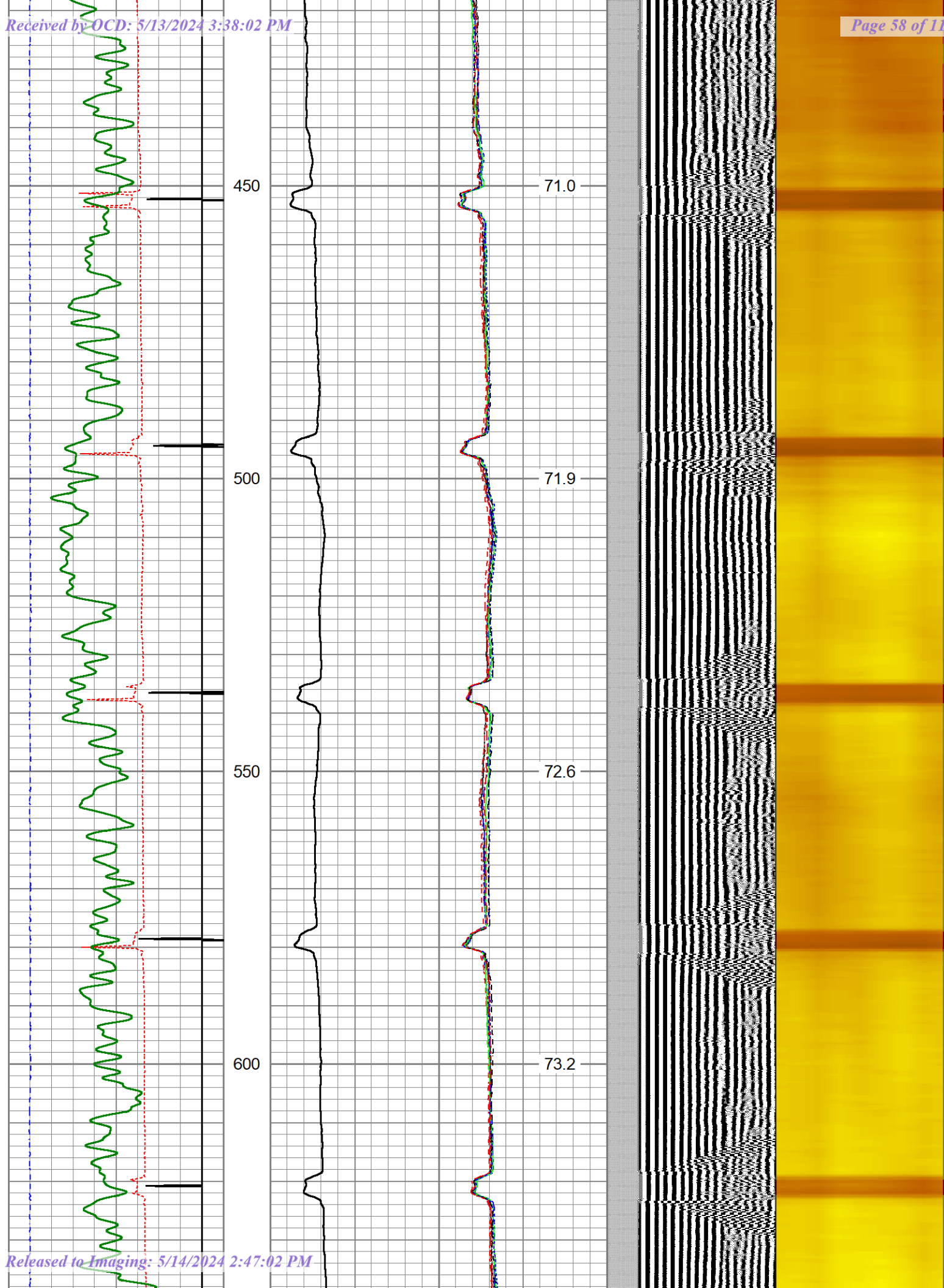
Log was correlated to SLB CNL dated 1985

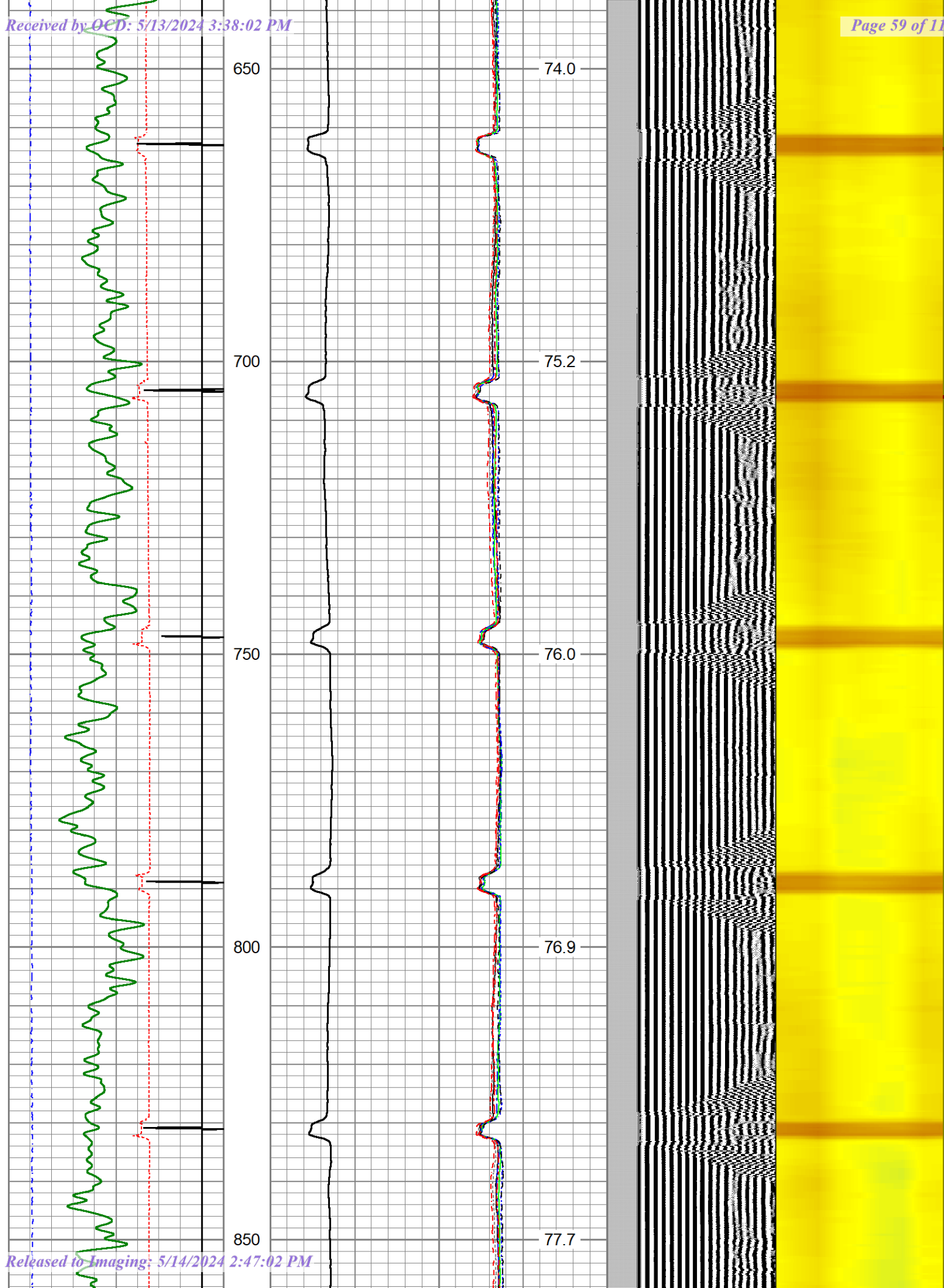
Main Pass

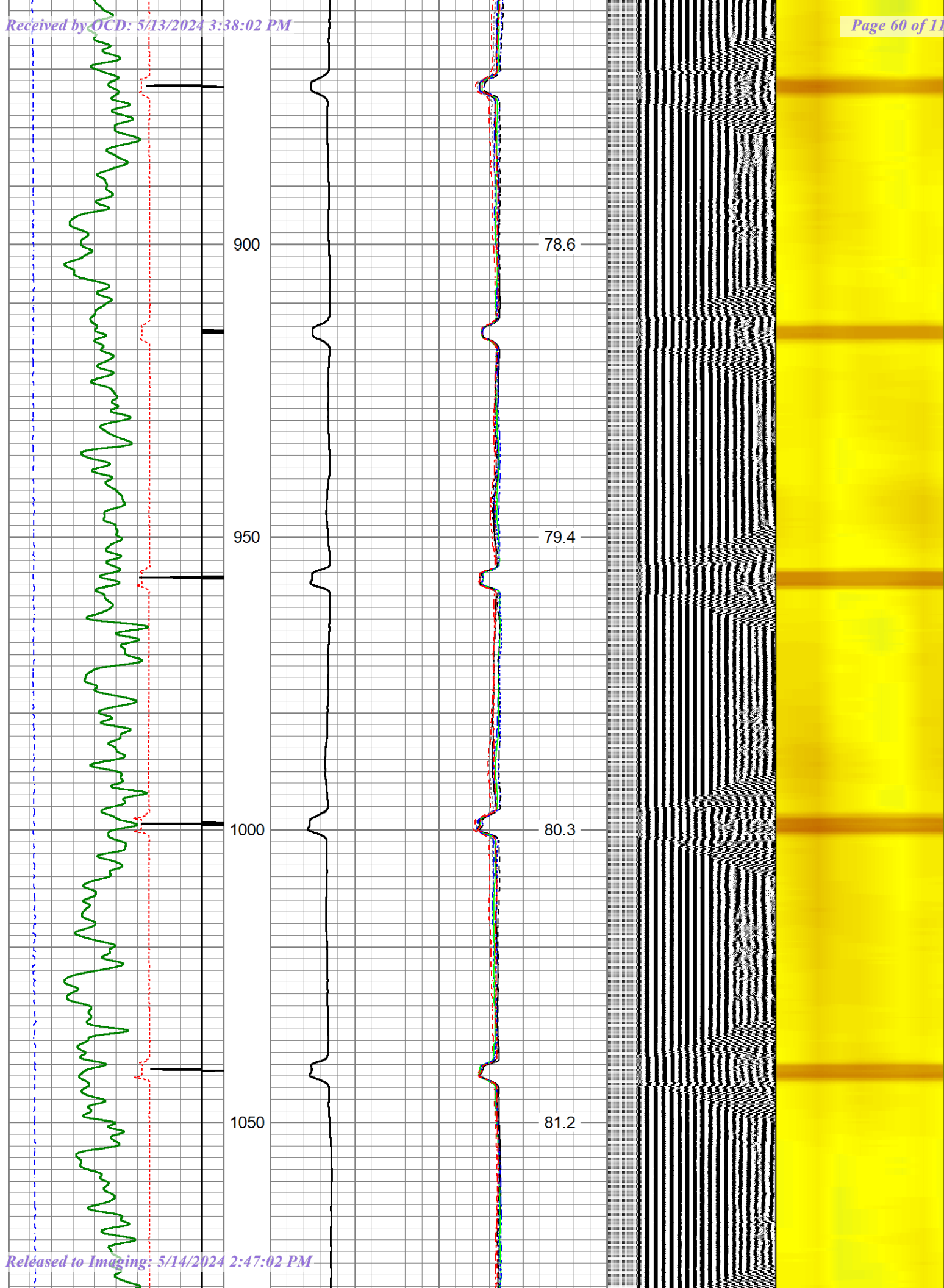
Logged with 0 PSI

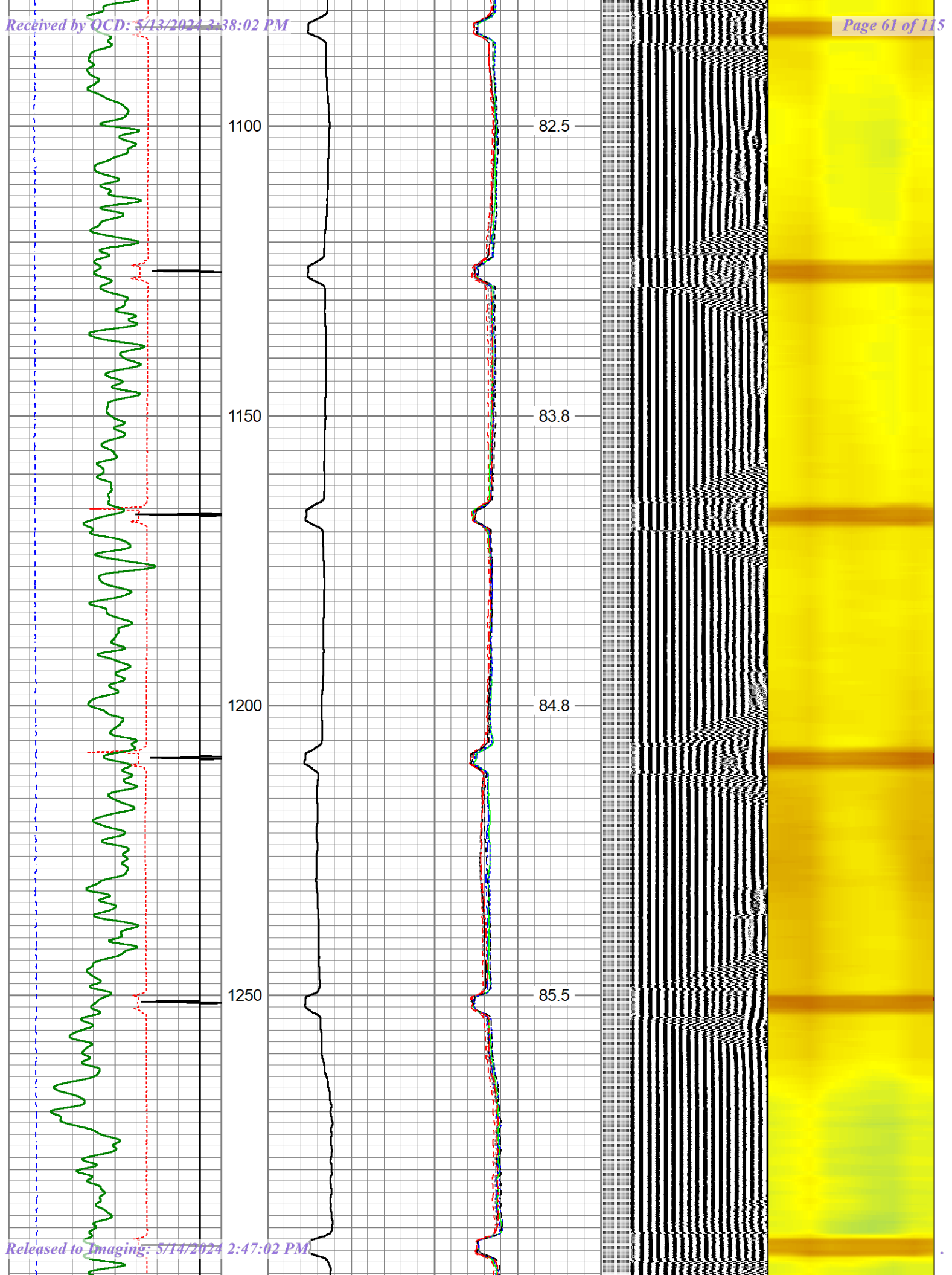


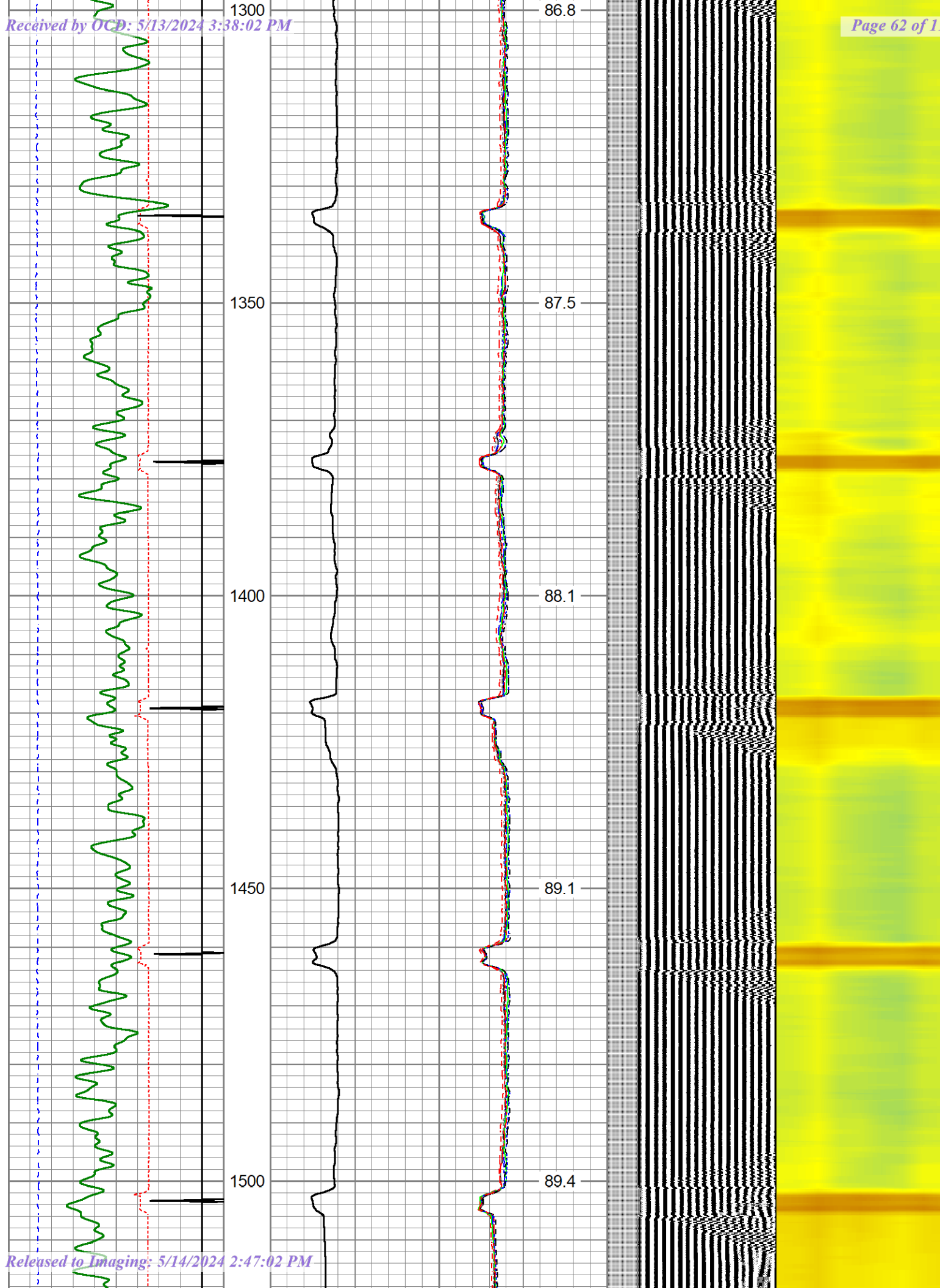


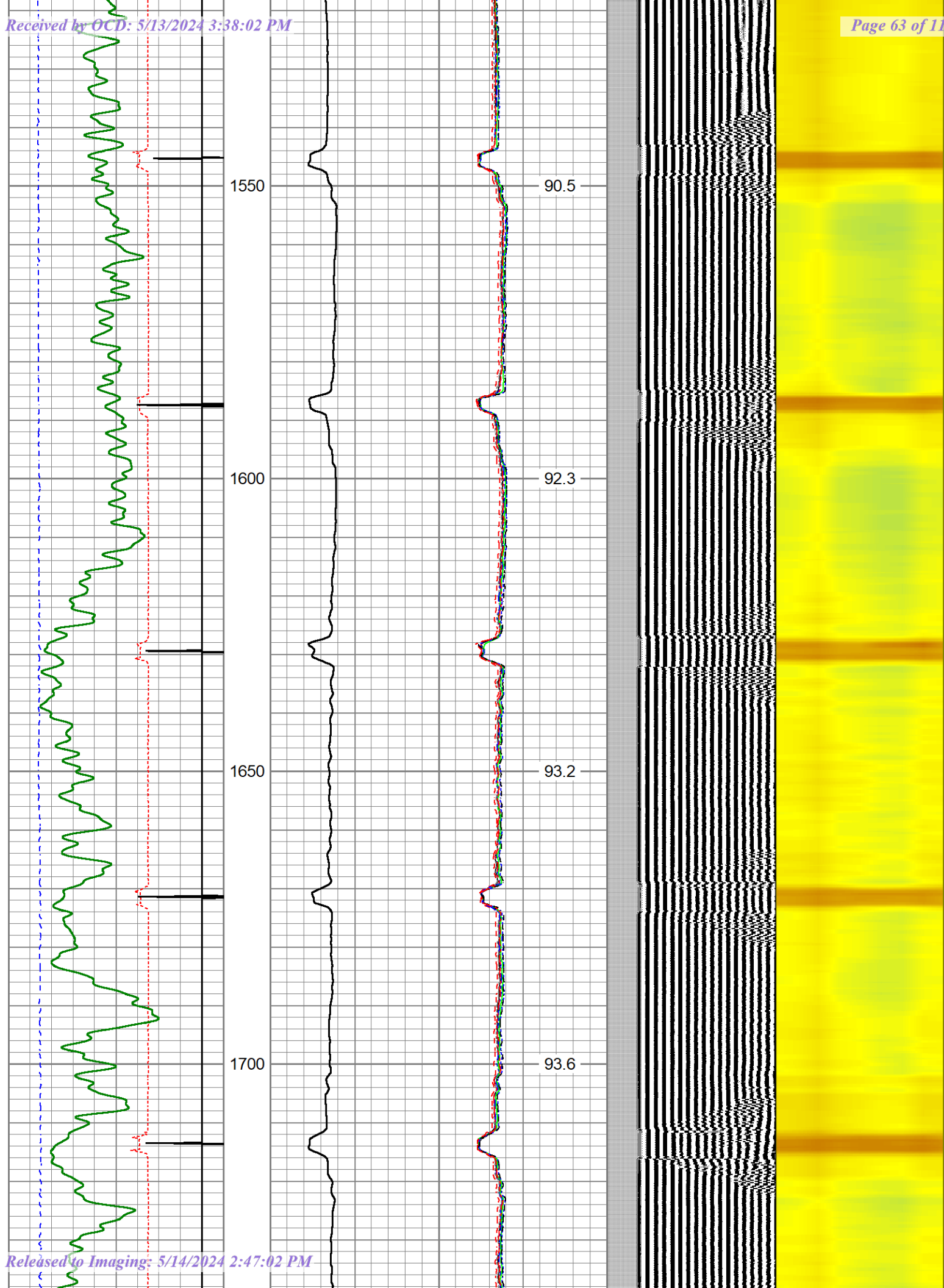


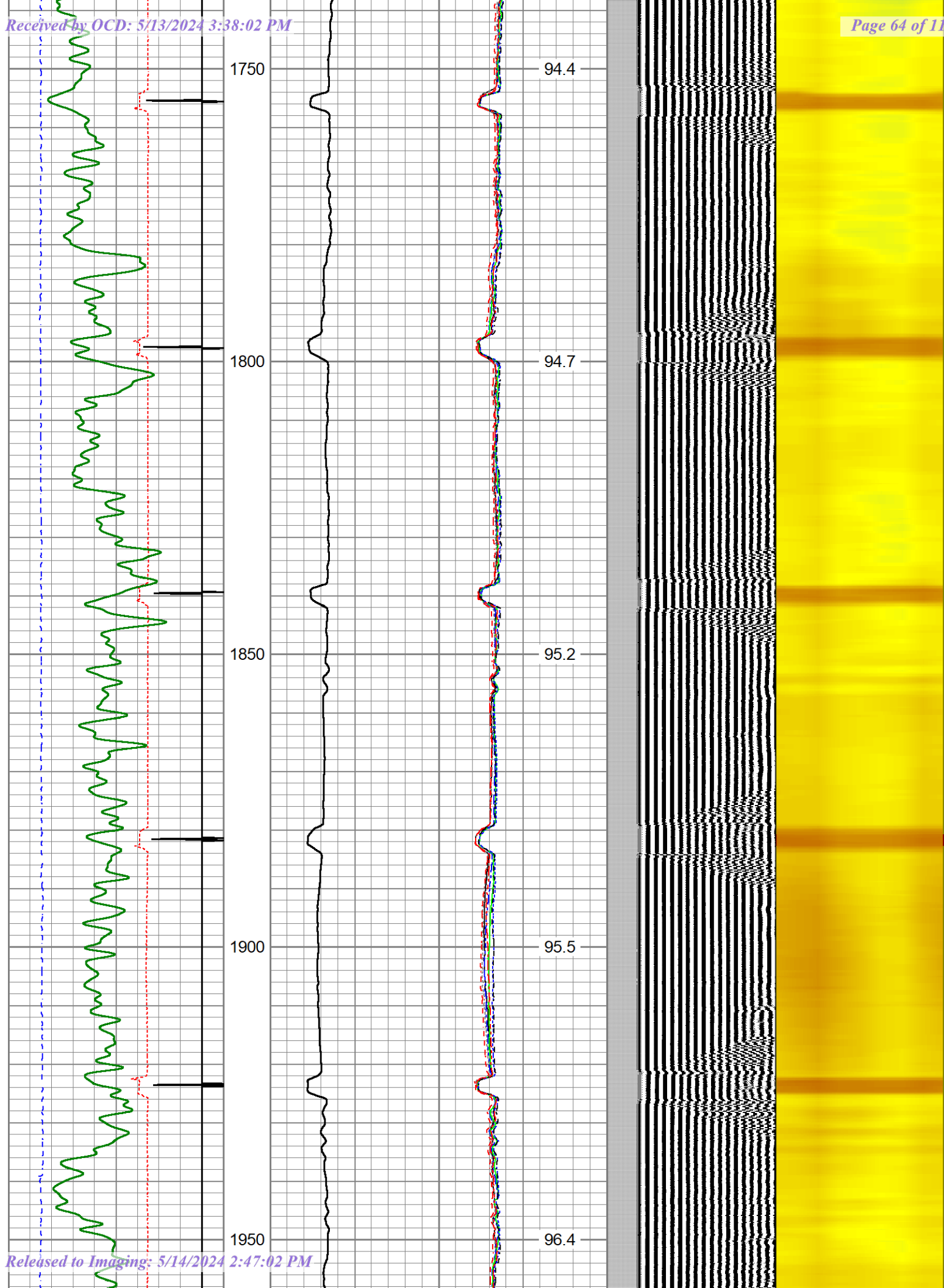


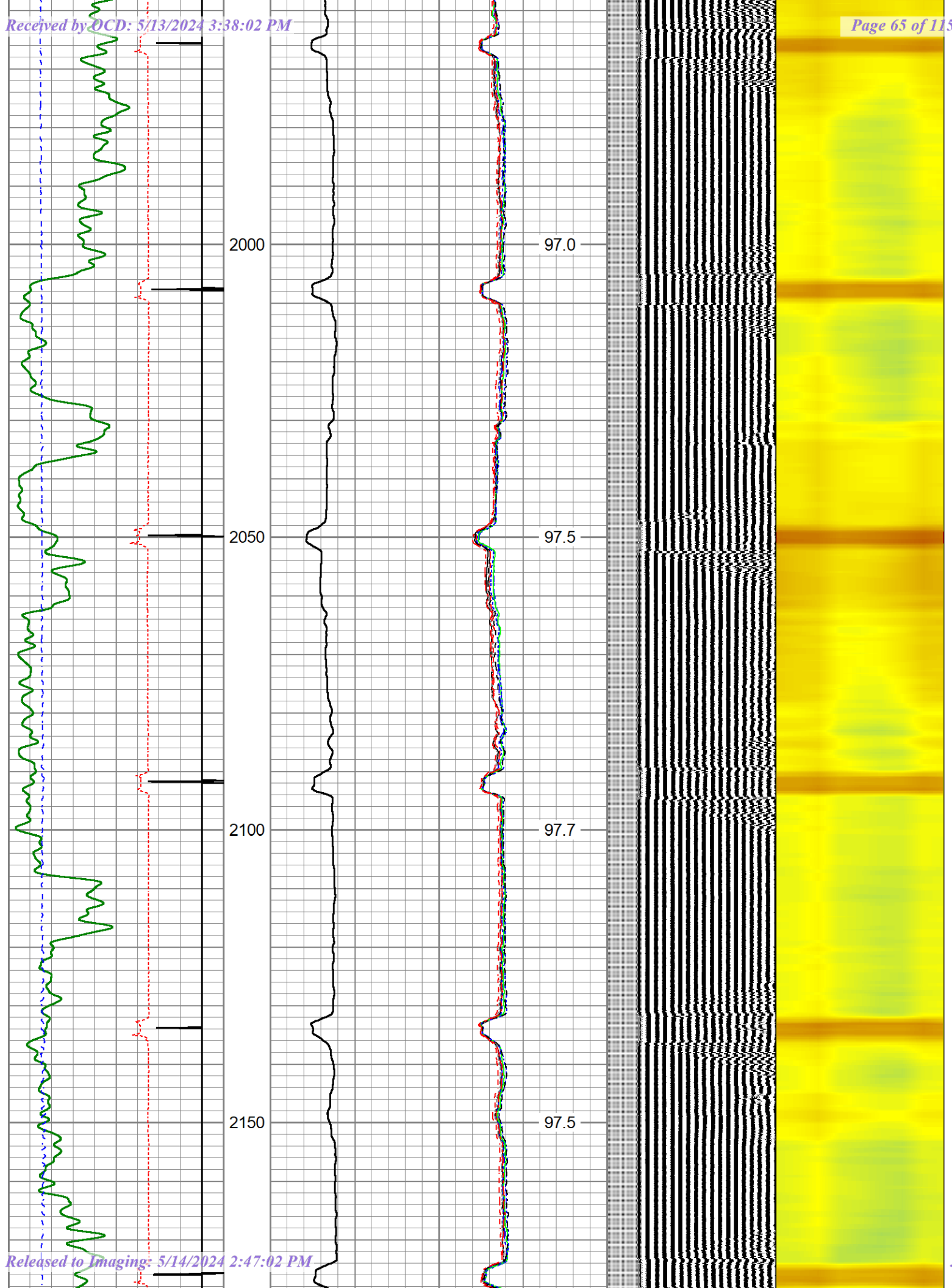


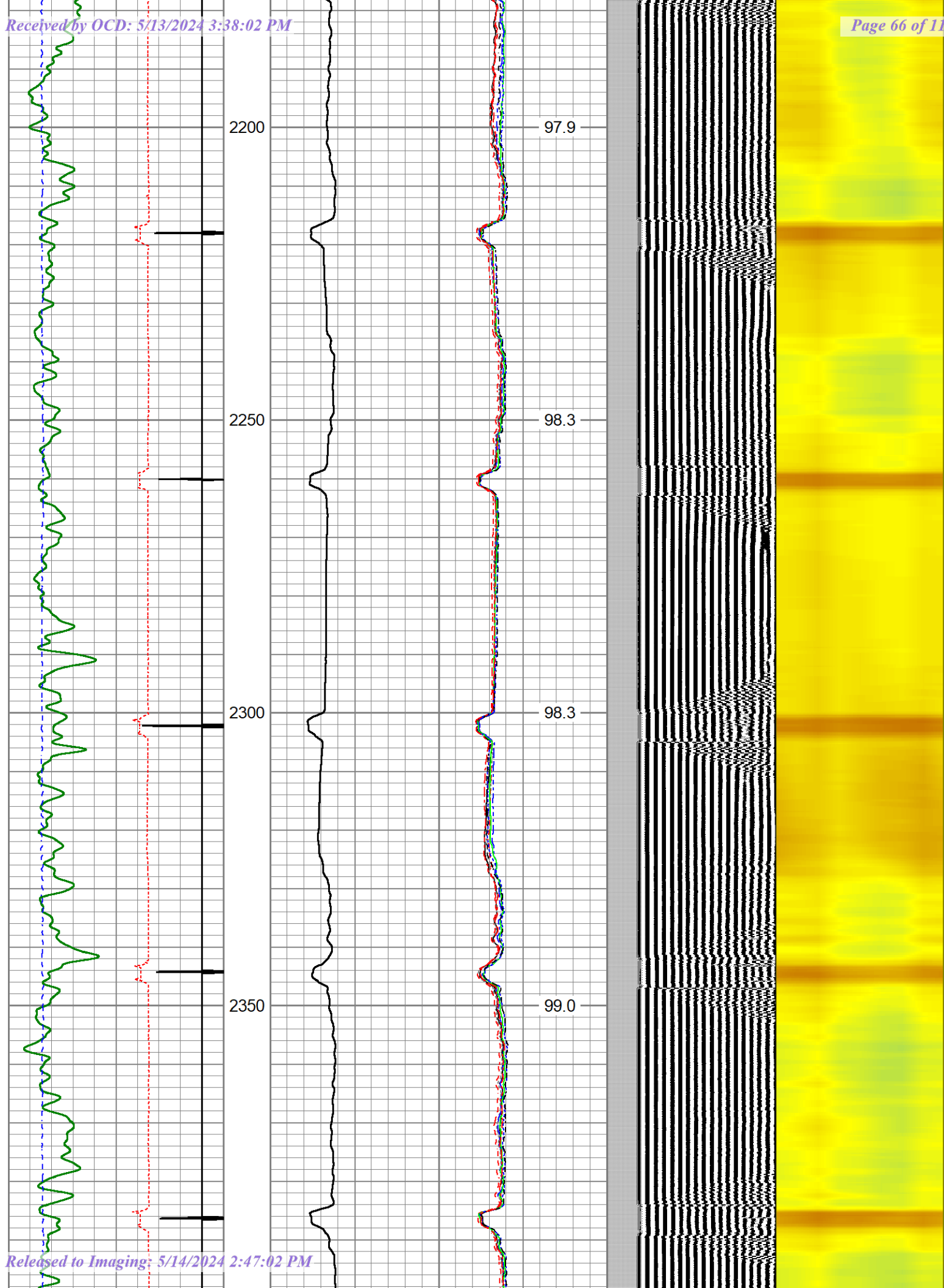


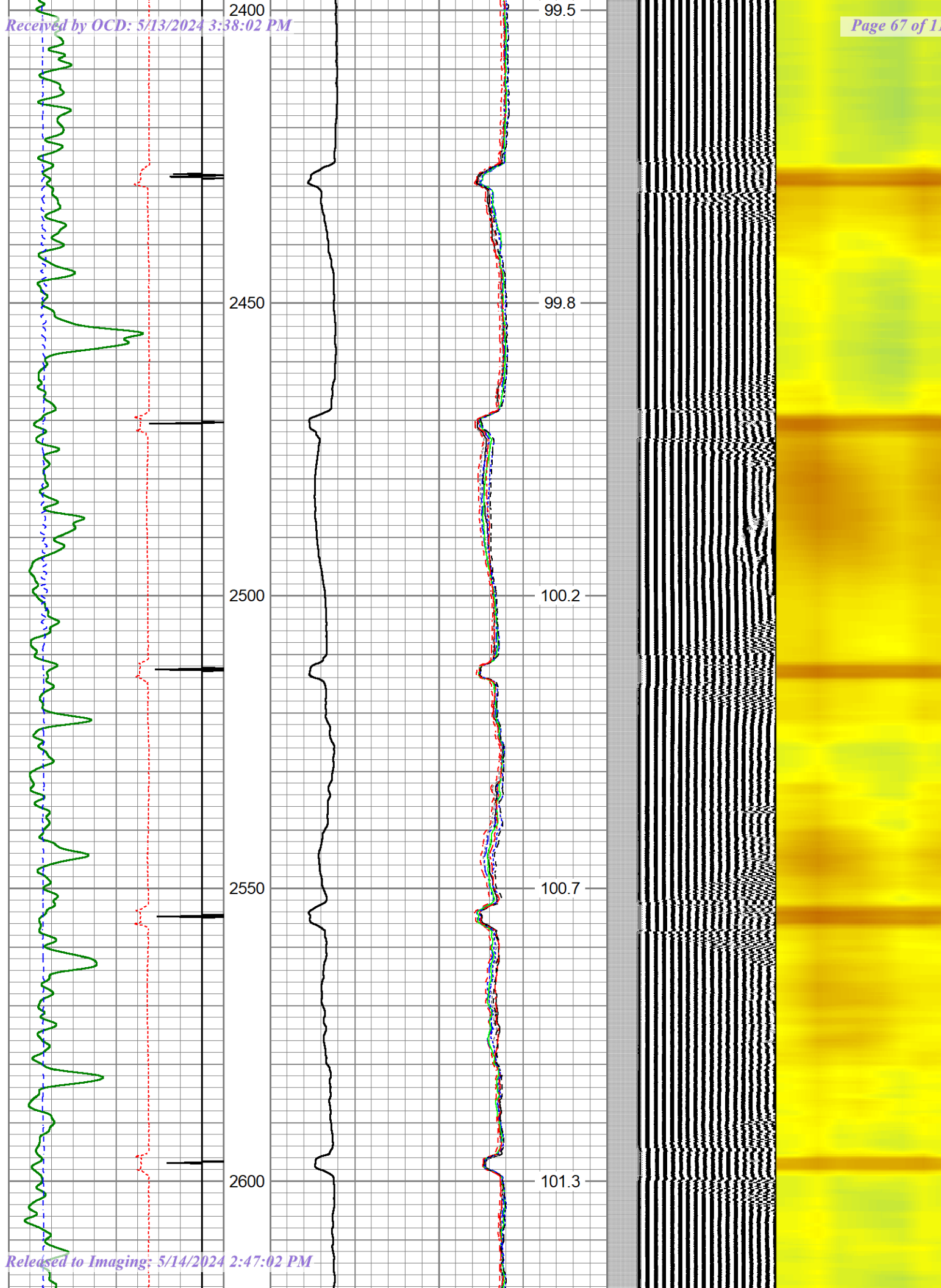


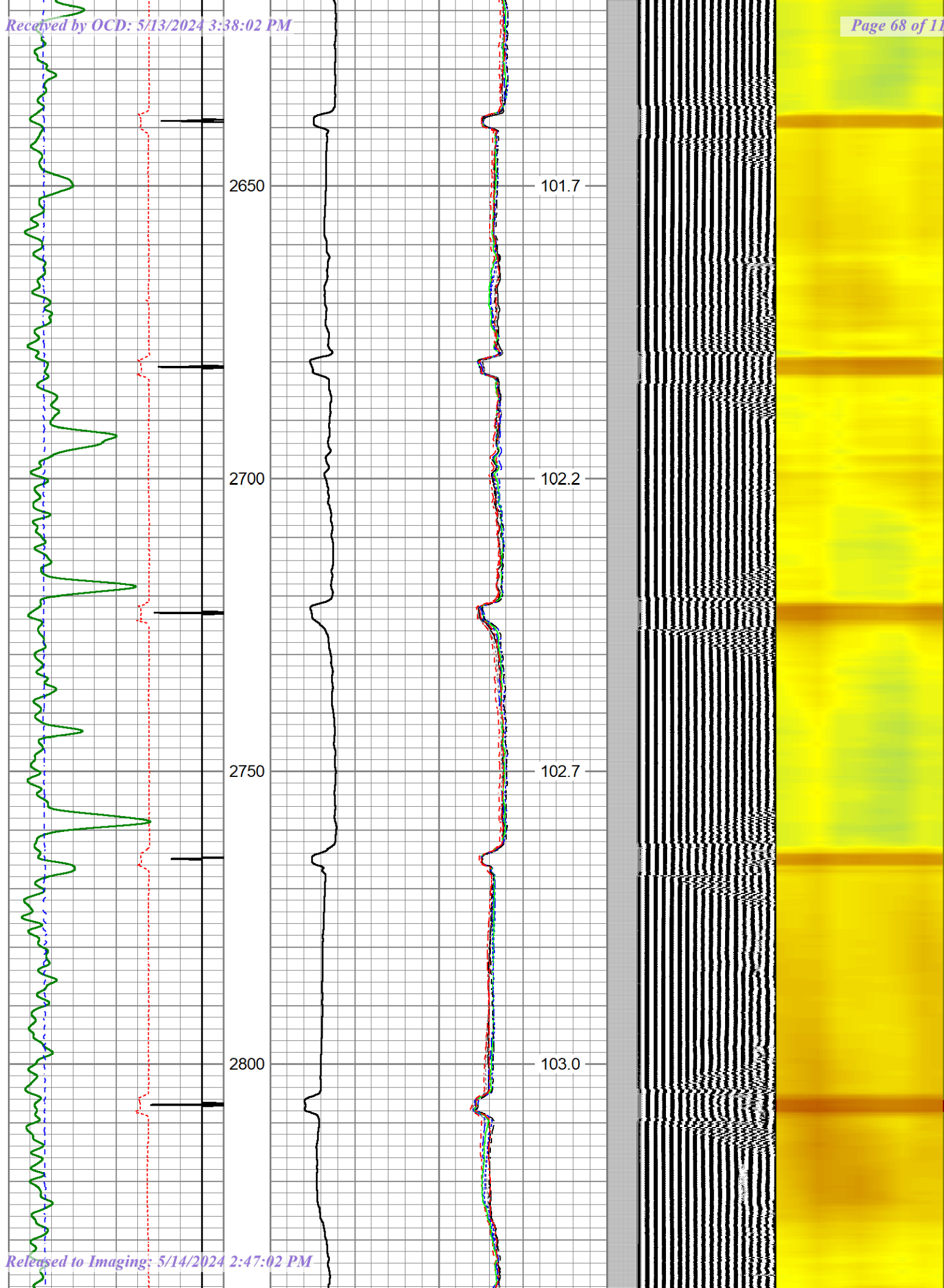


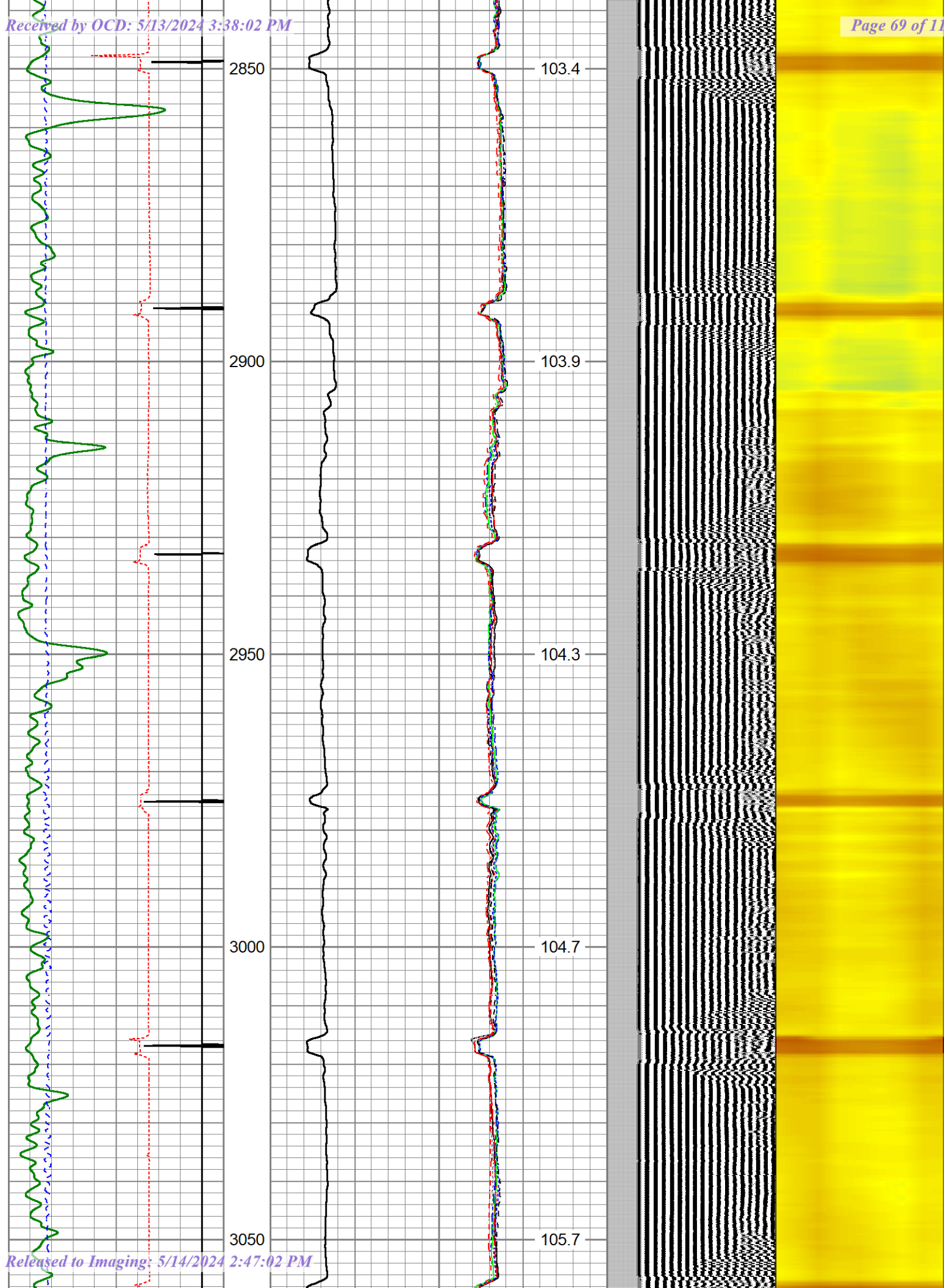


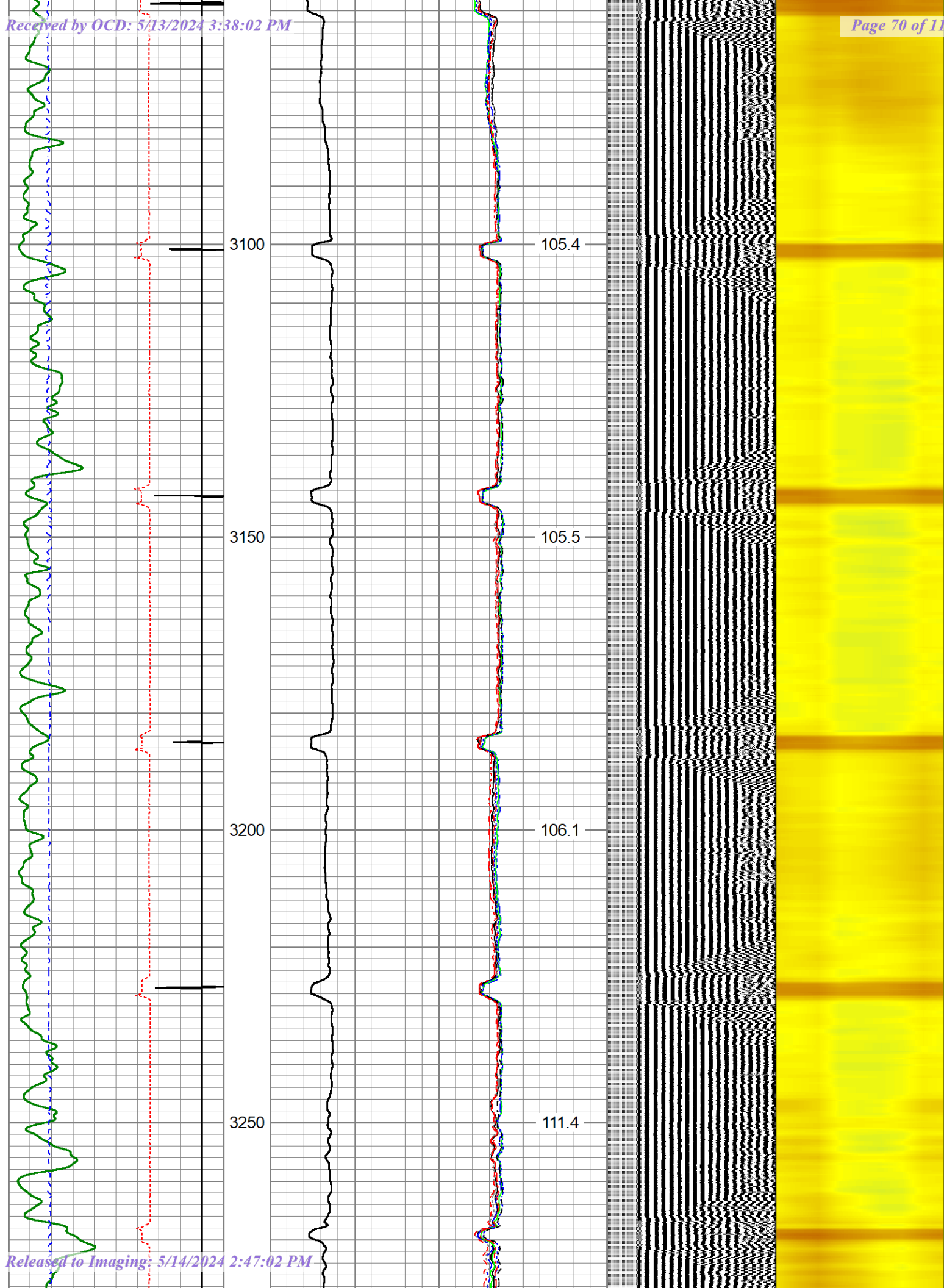


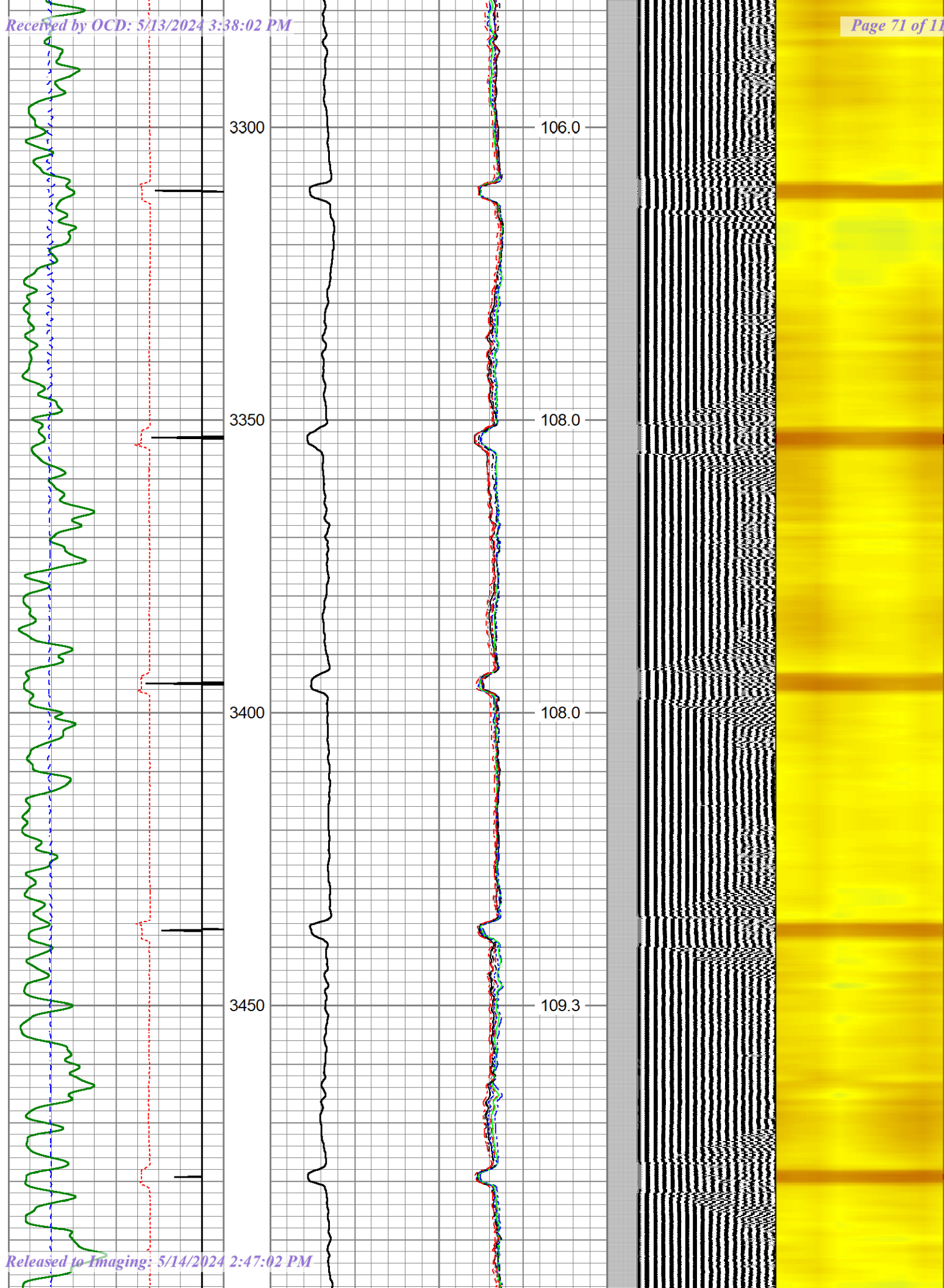


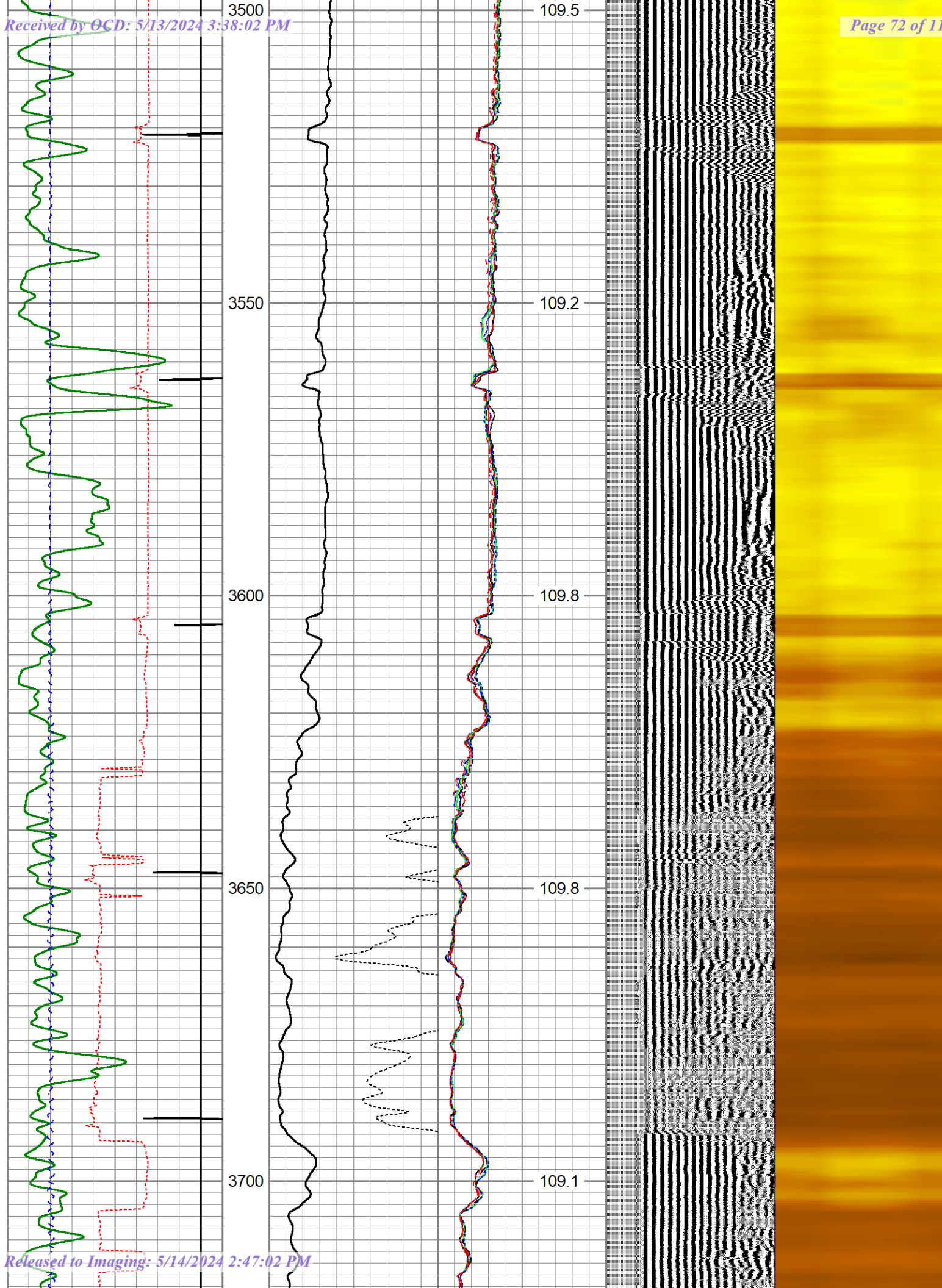


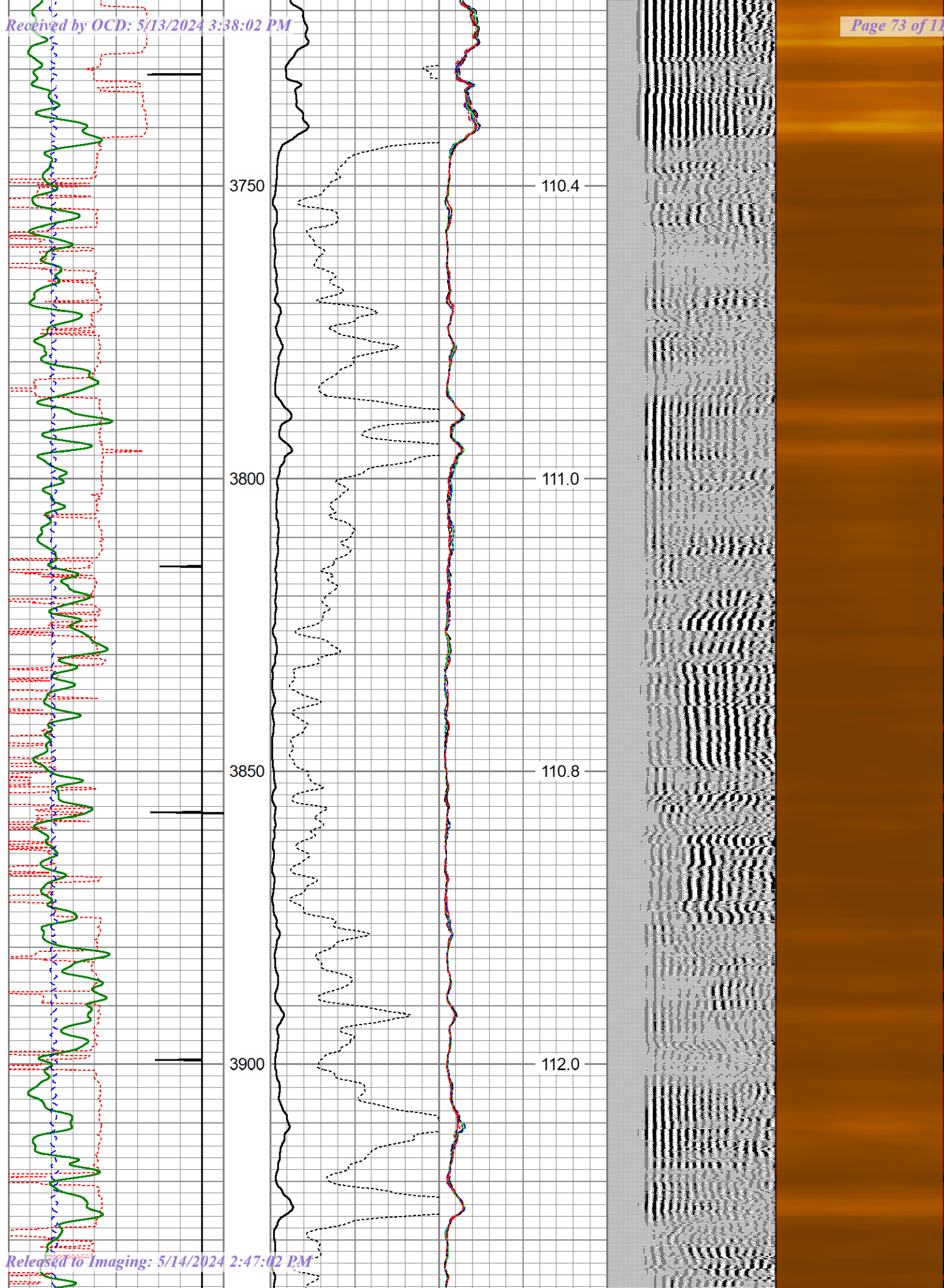


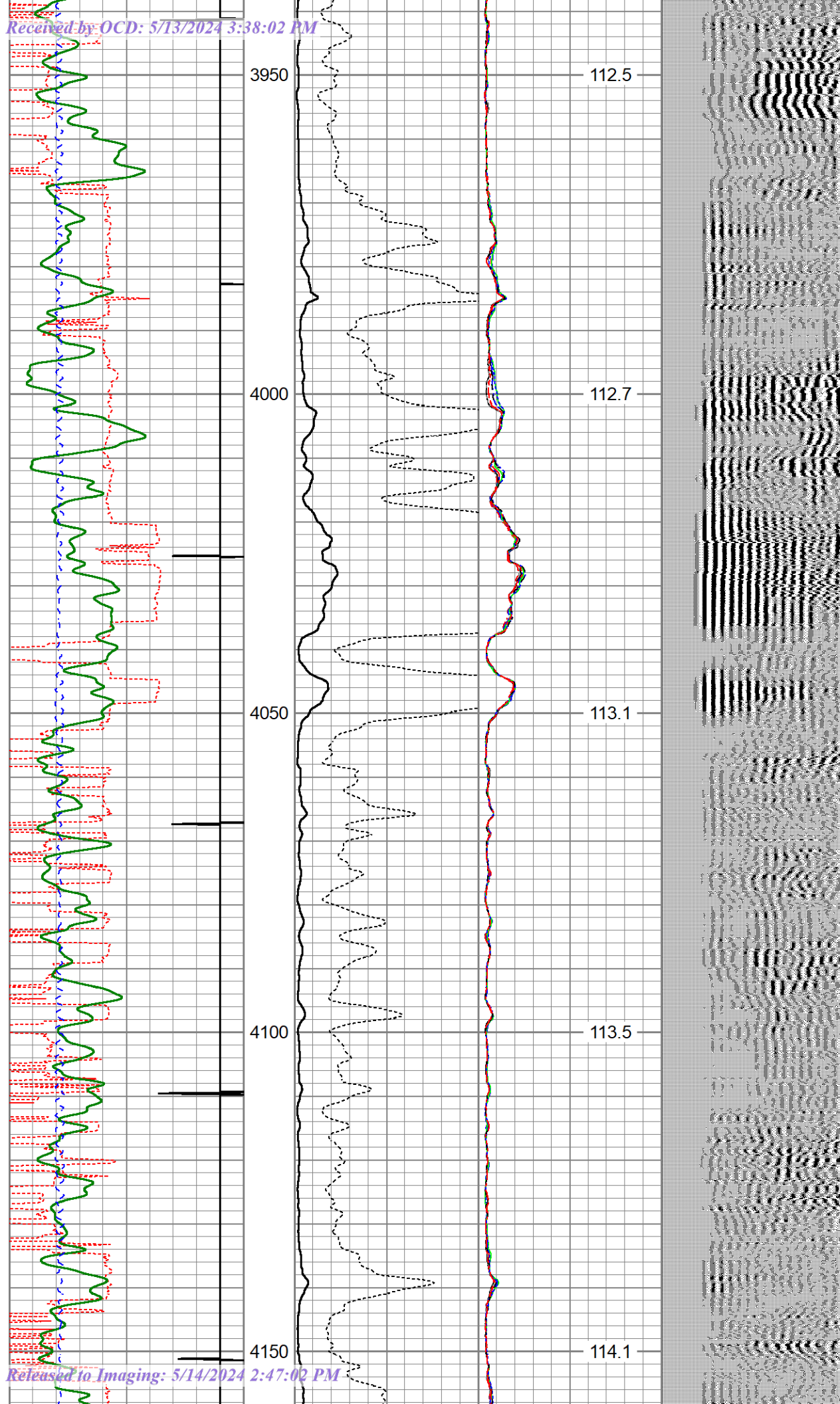


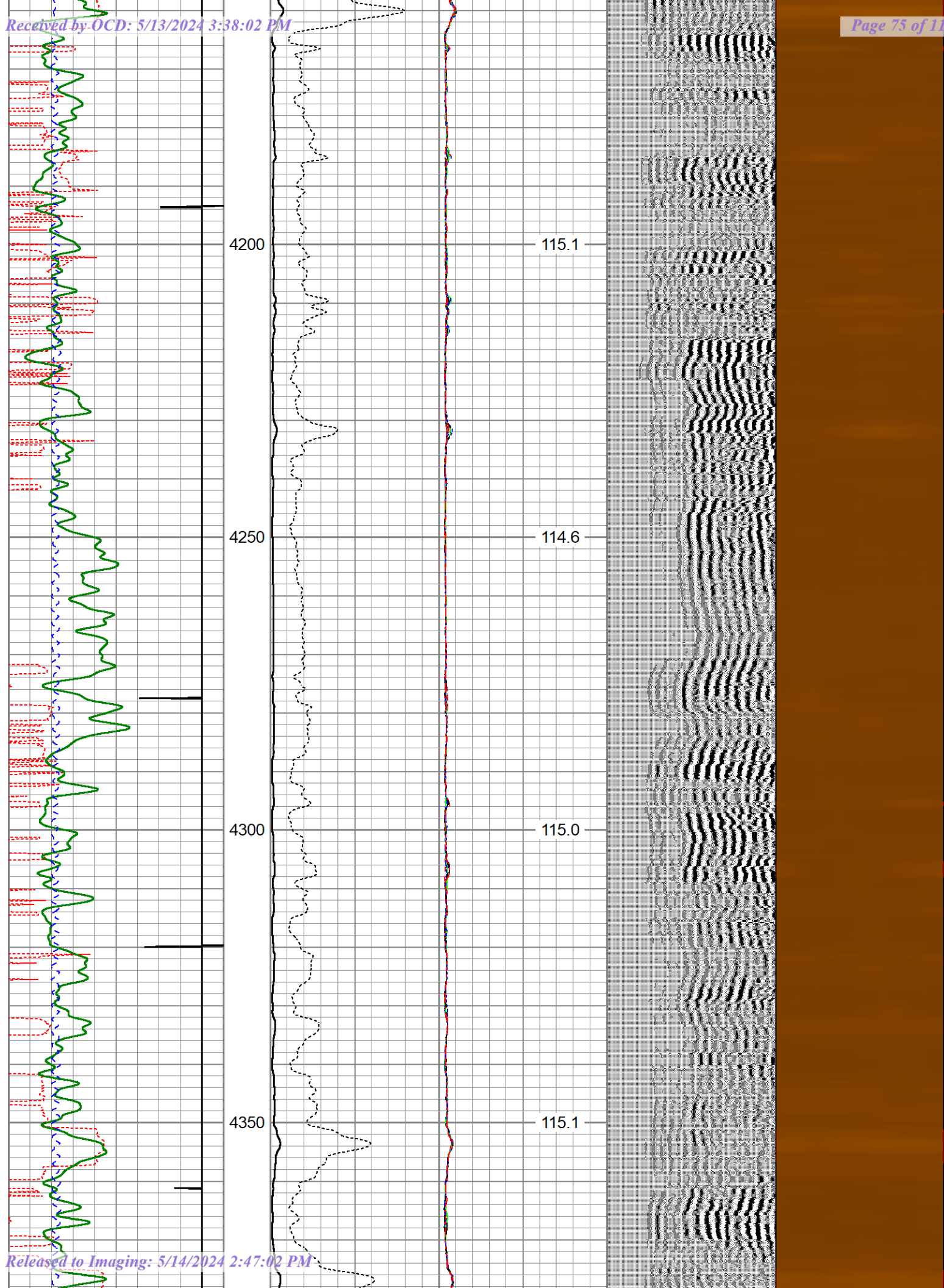


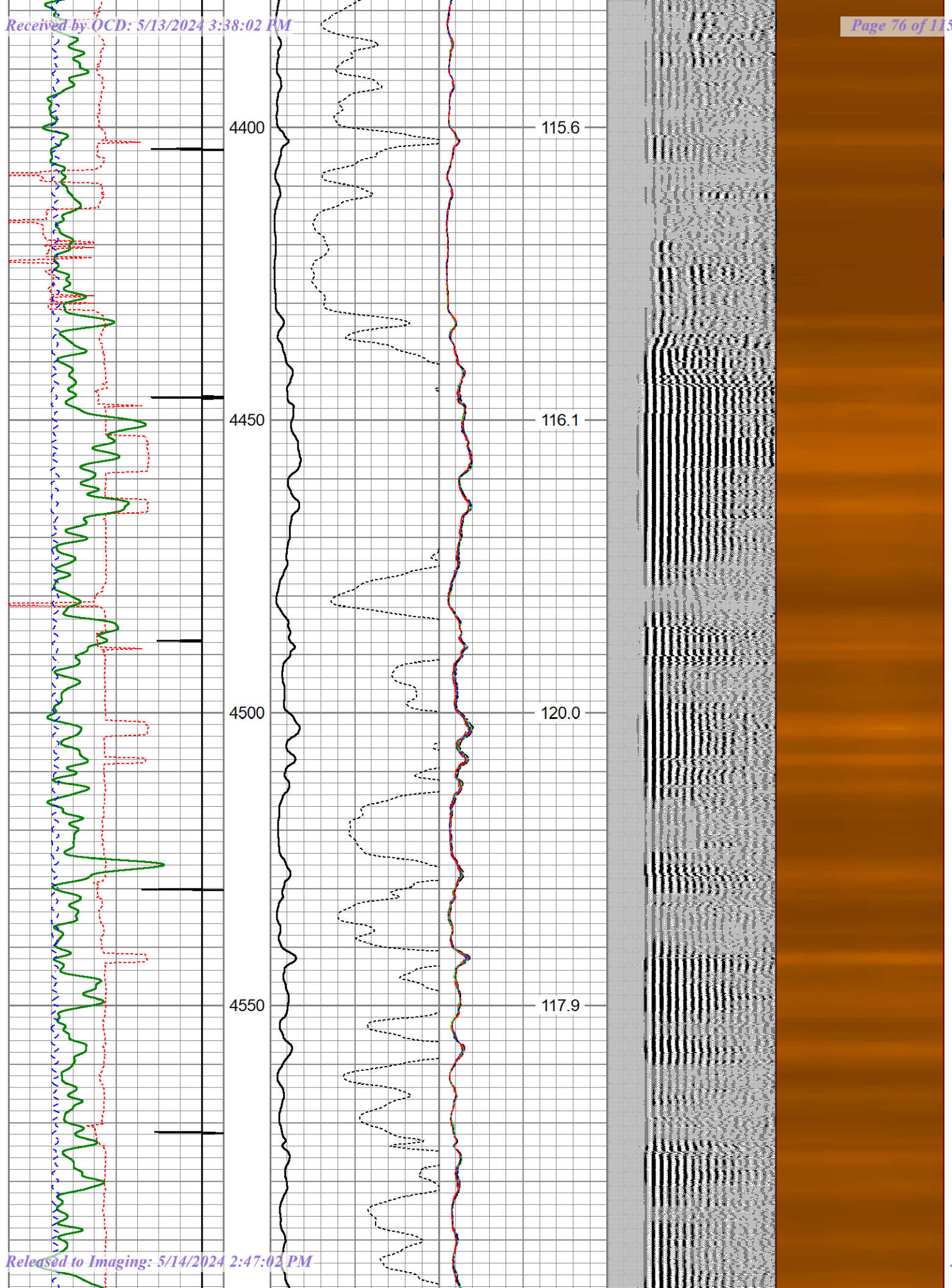


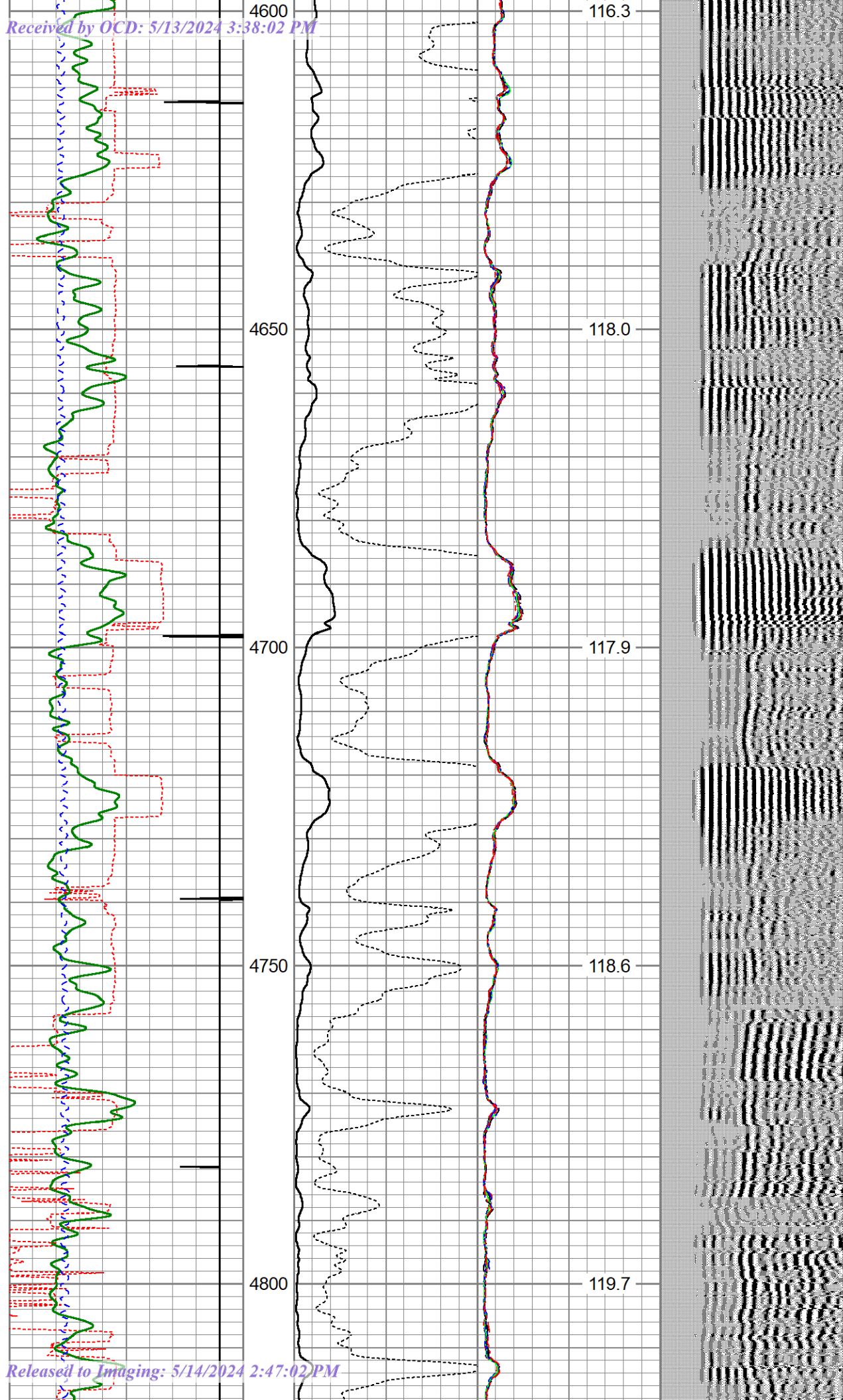


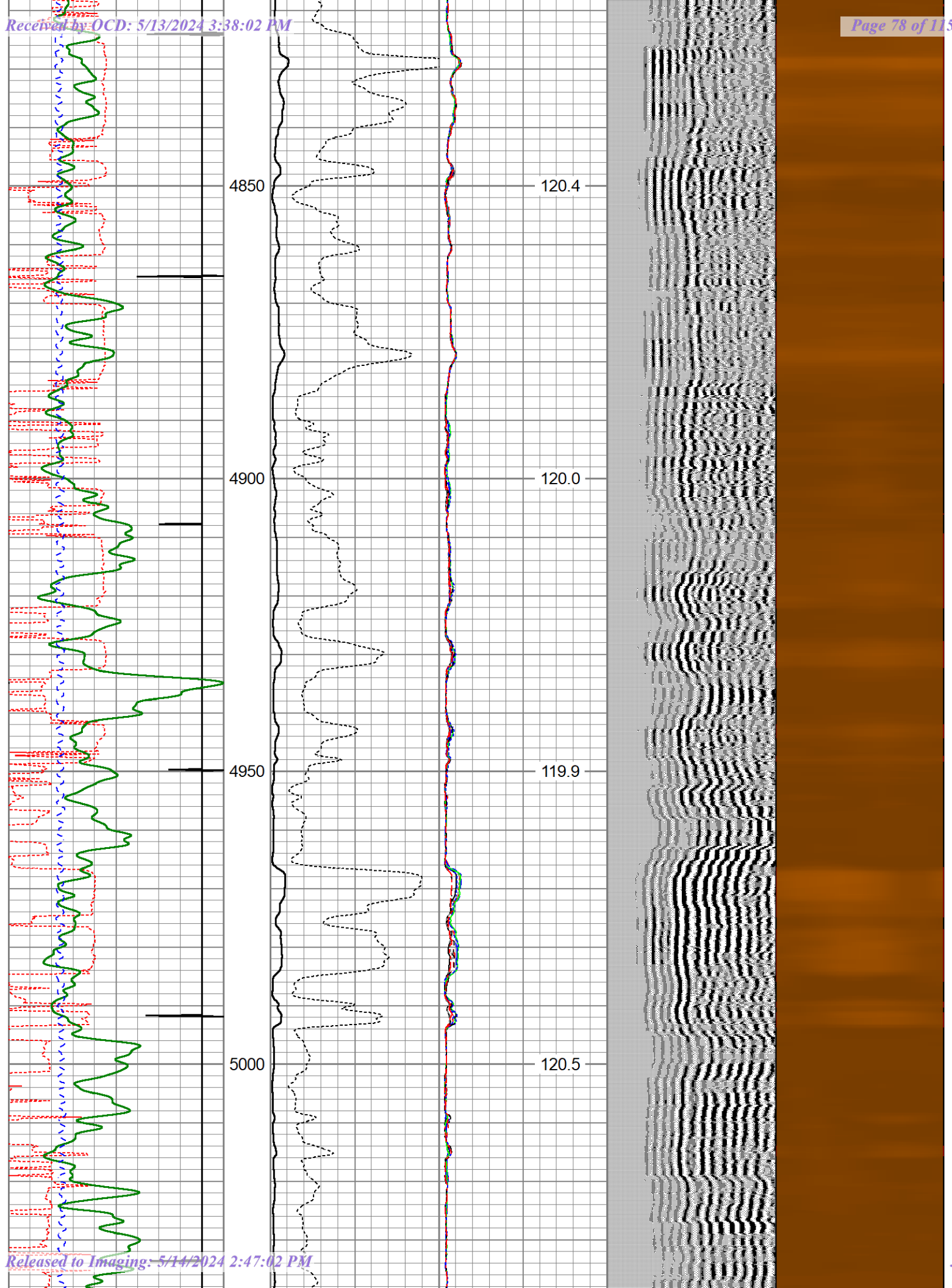


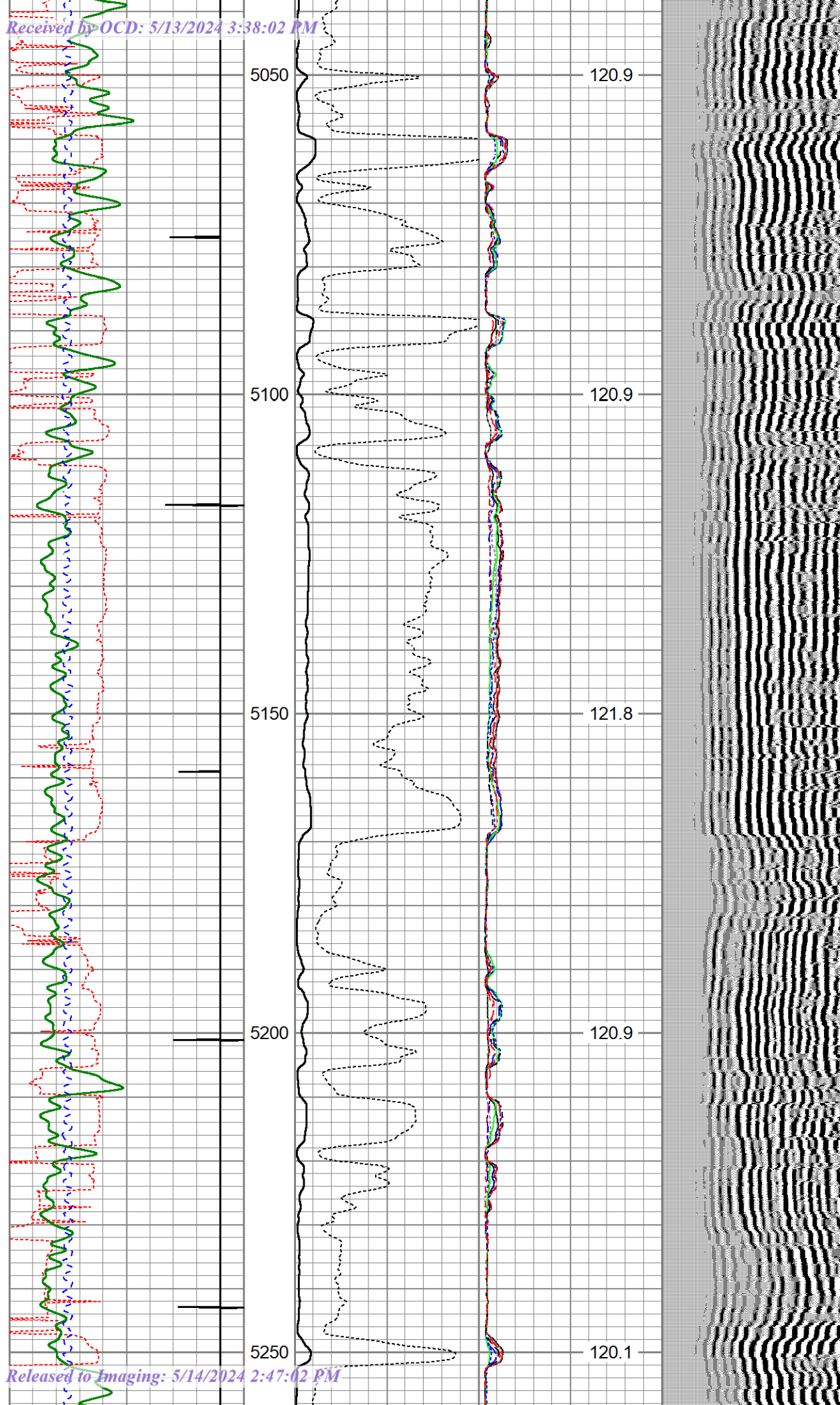


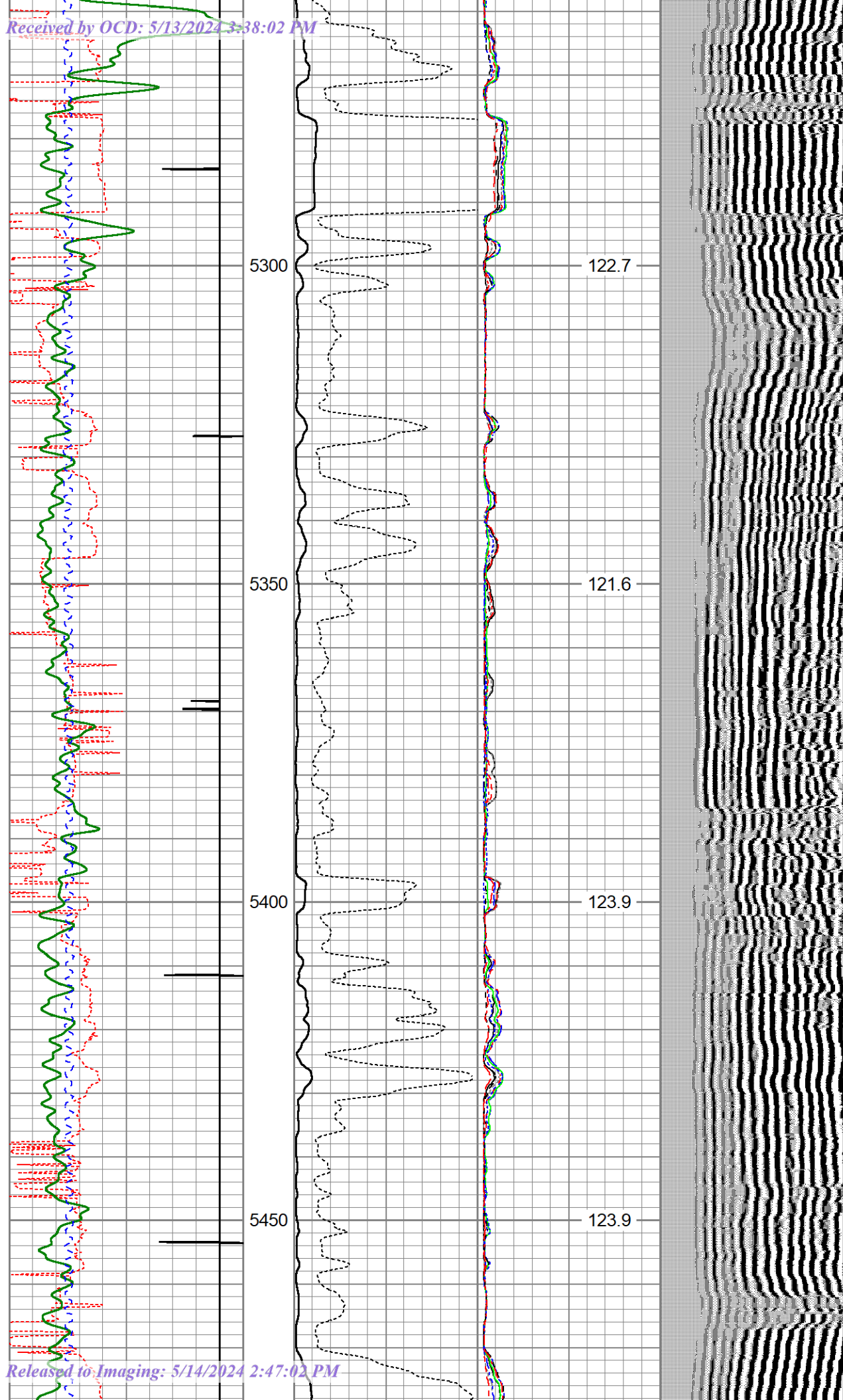


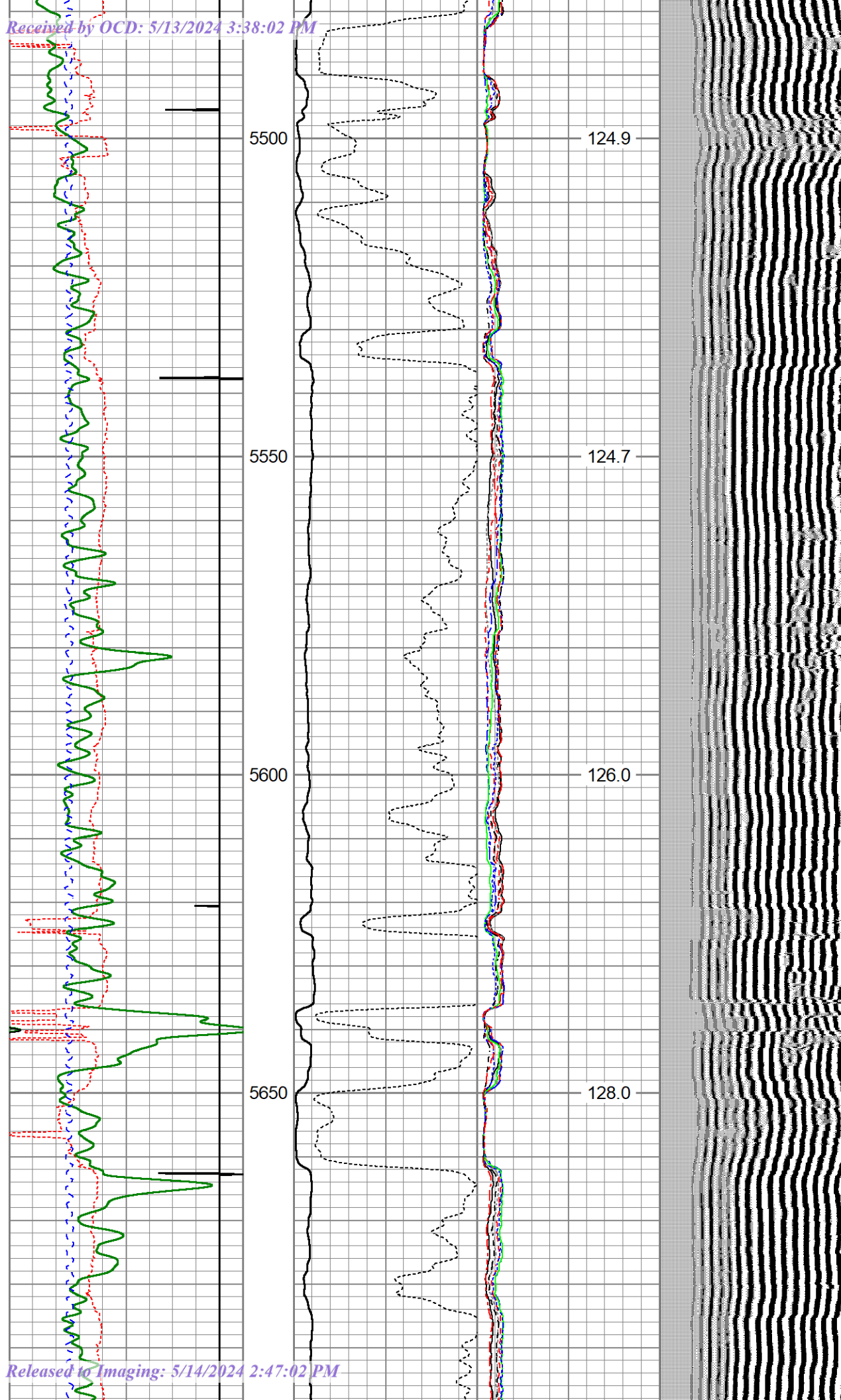


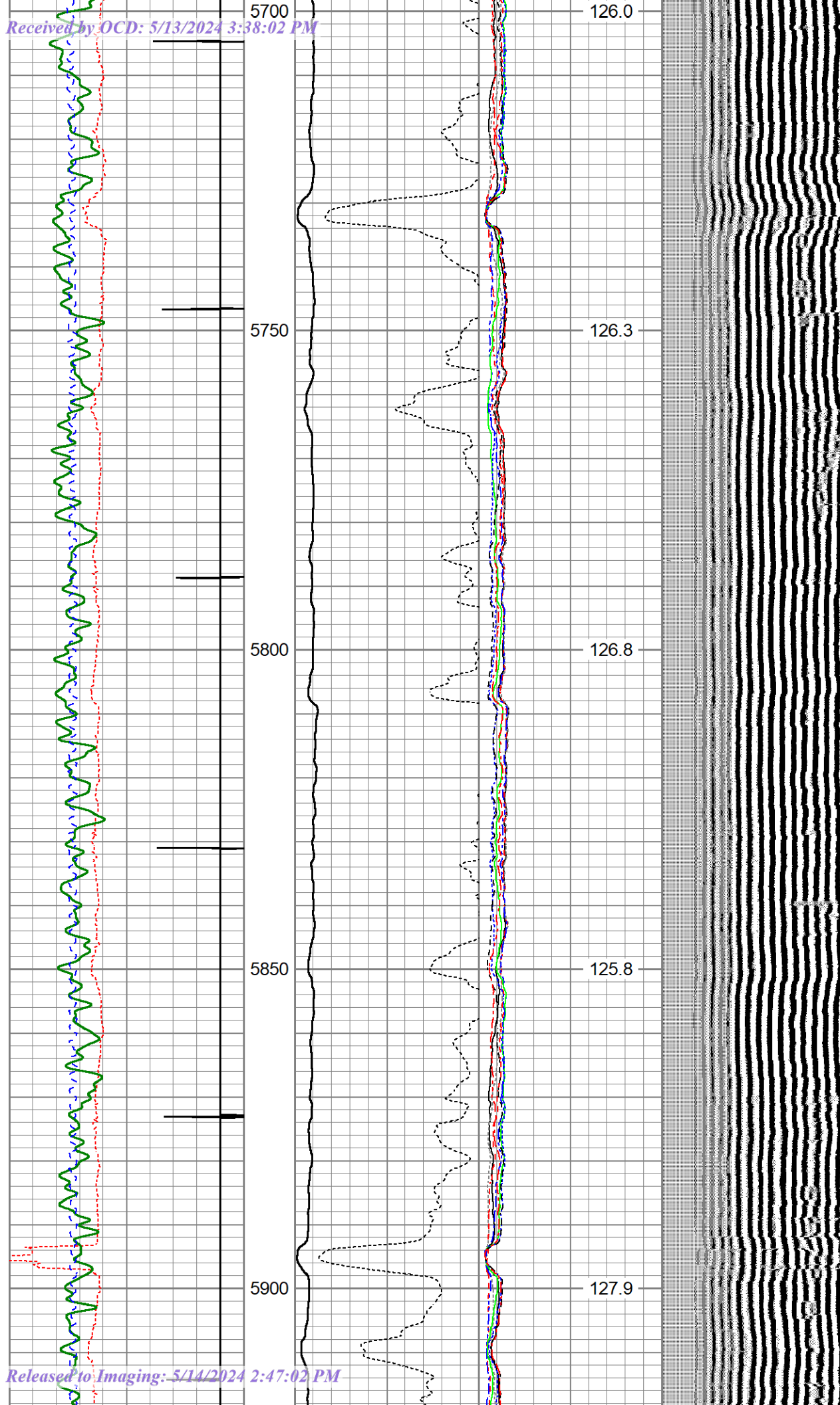


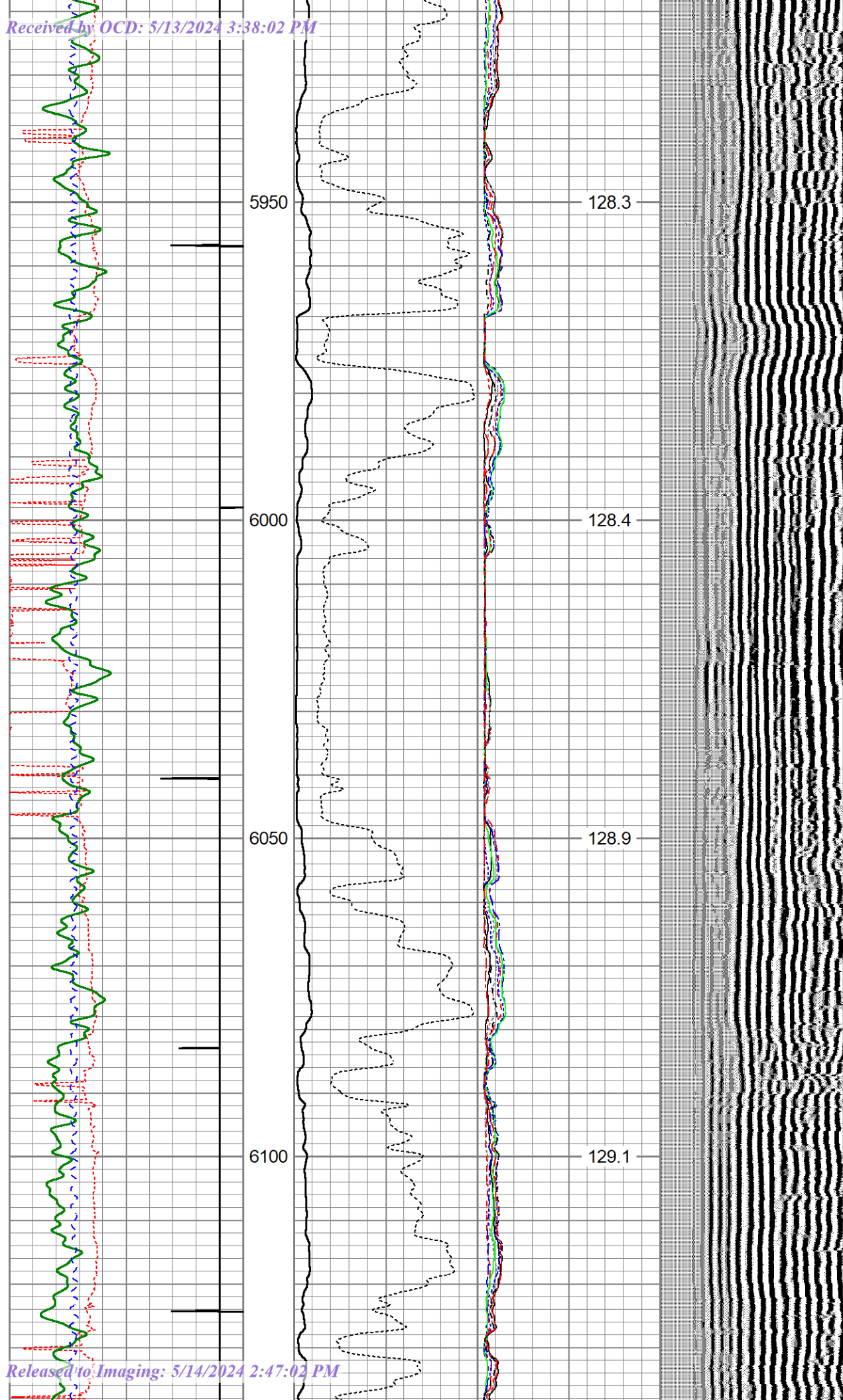


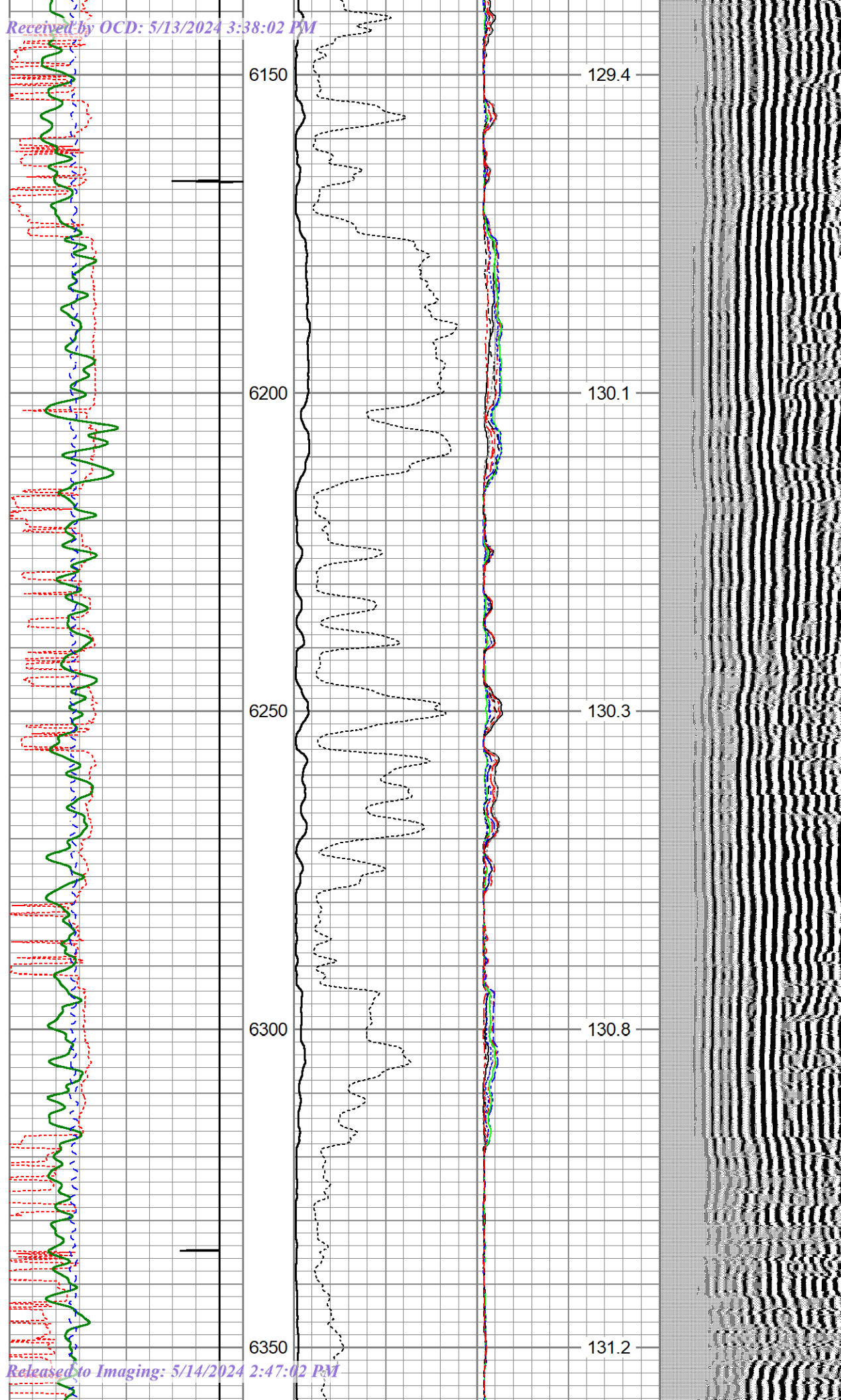


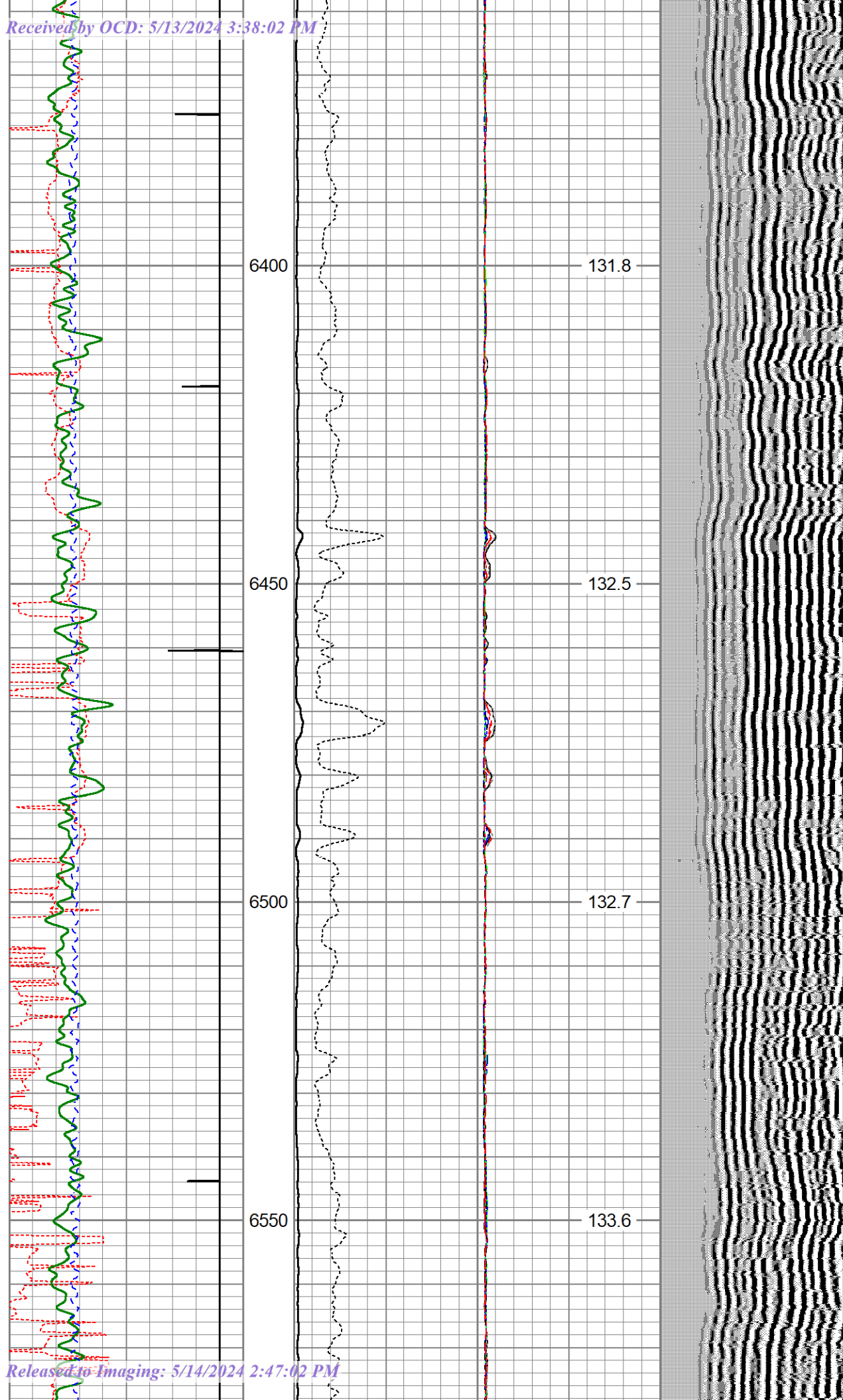


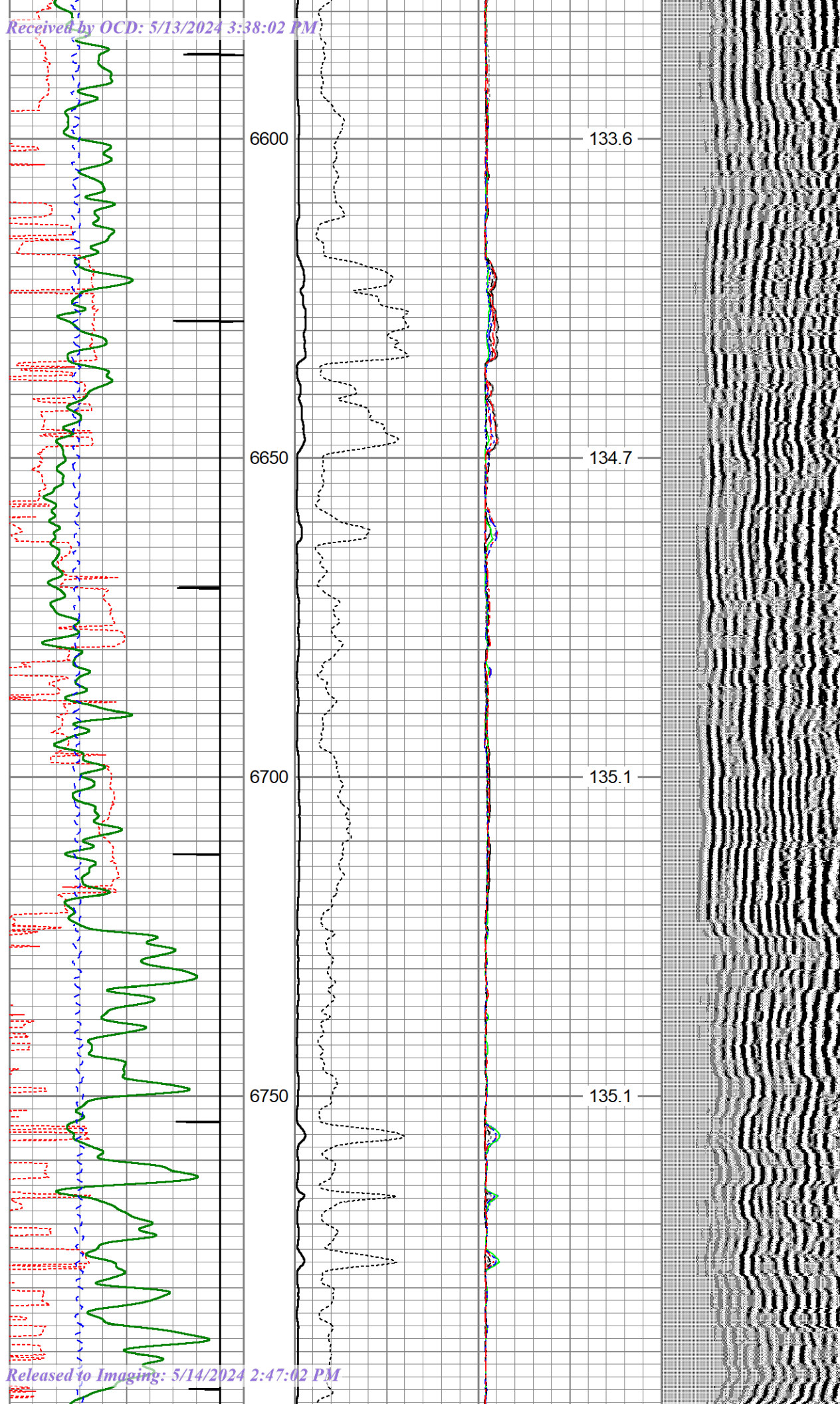


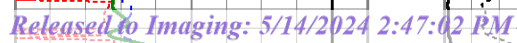


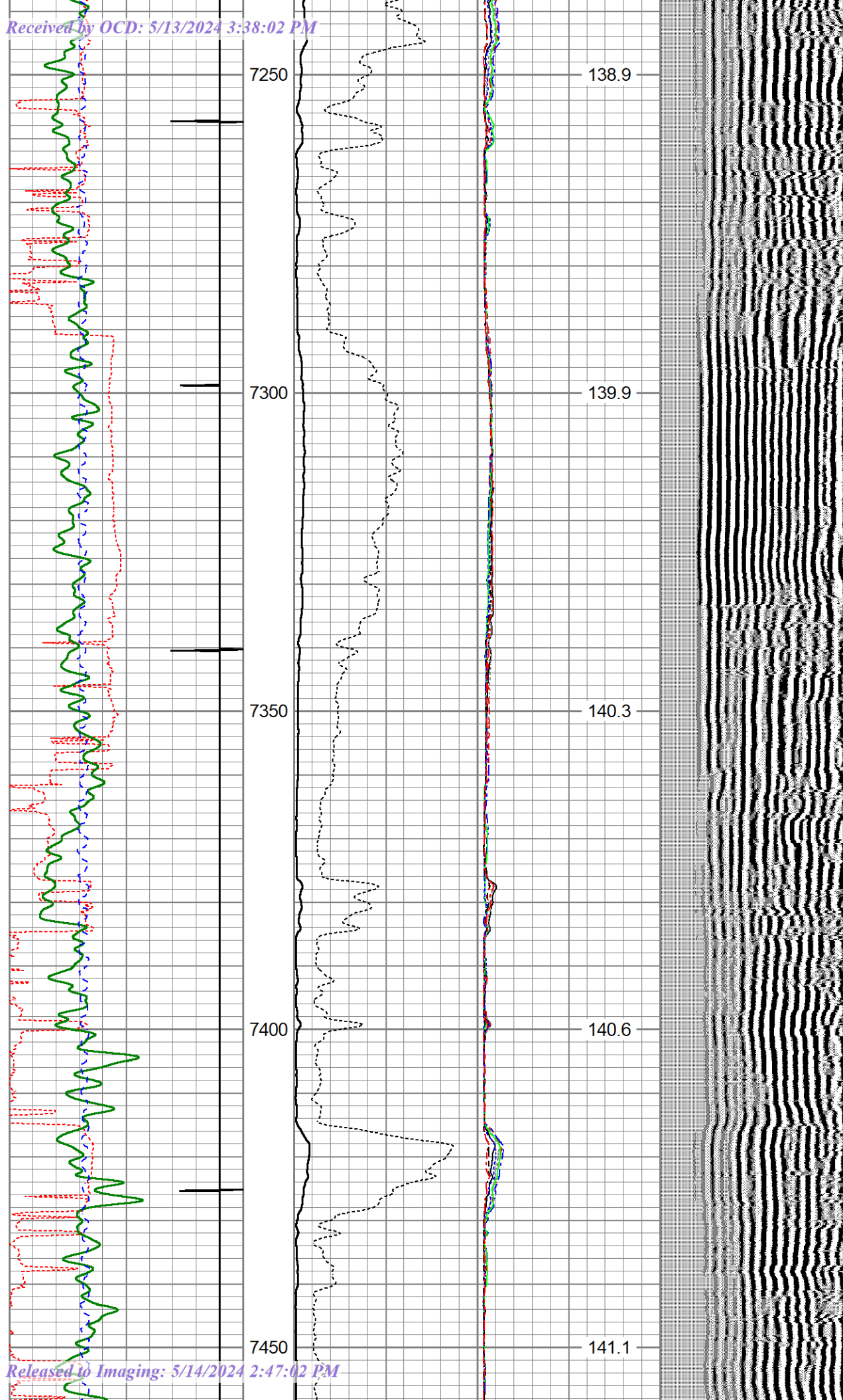


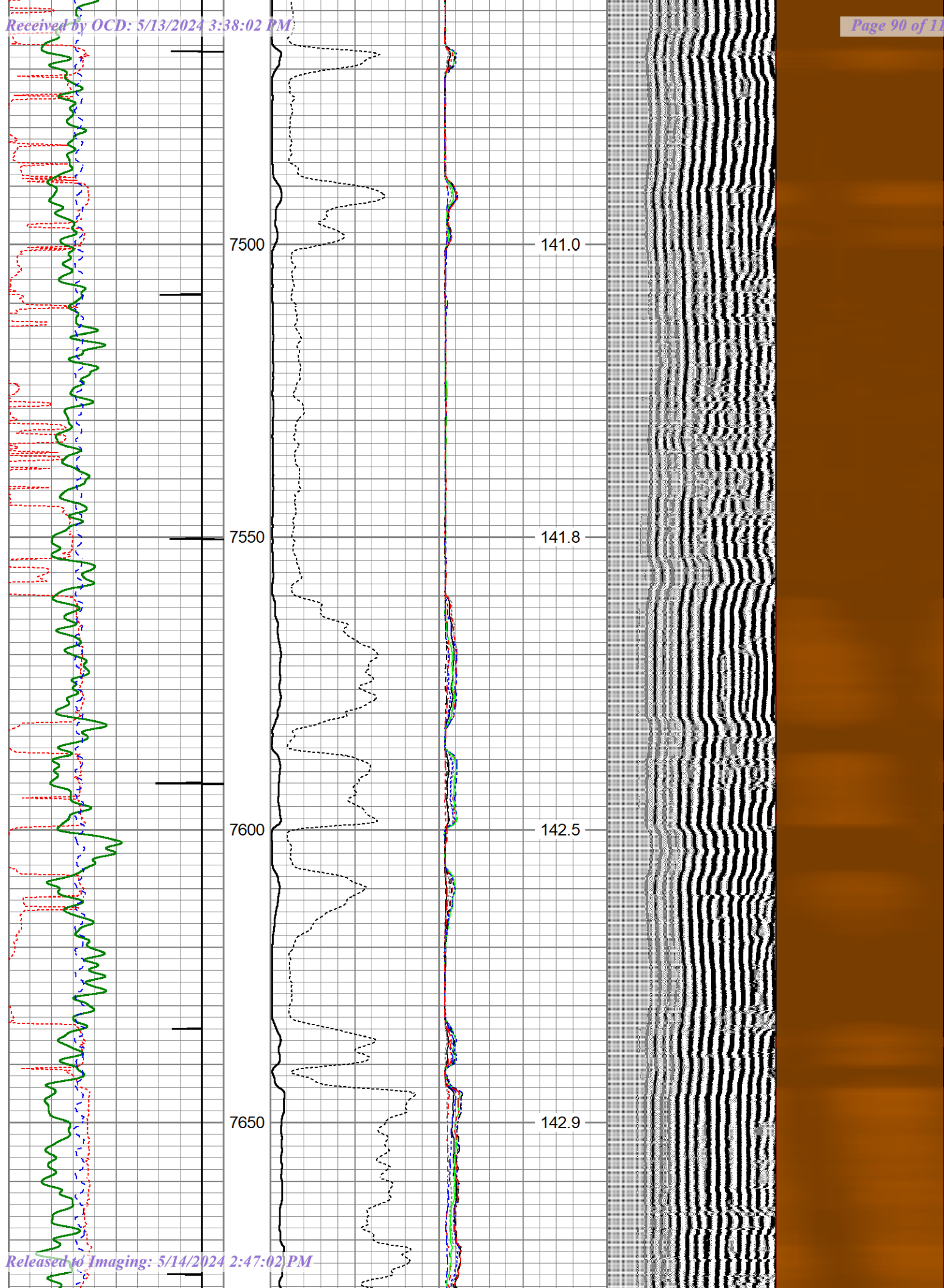


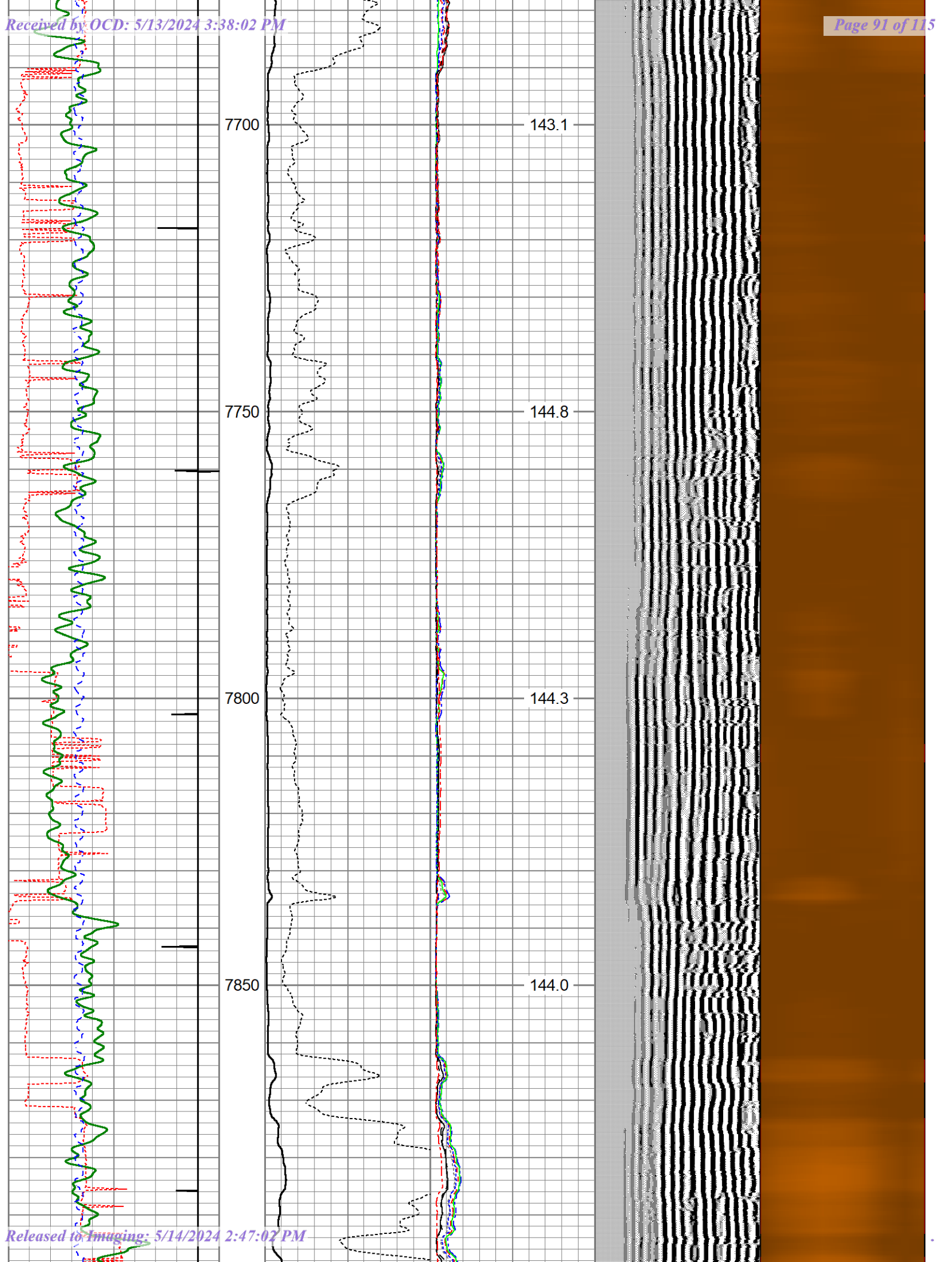


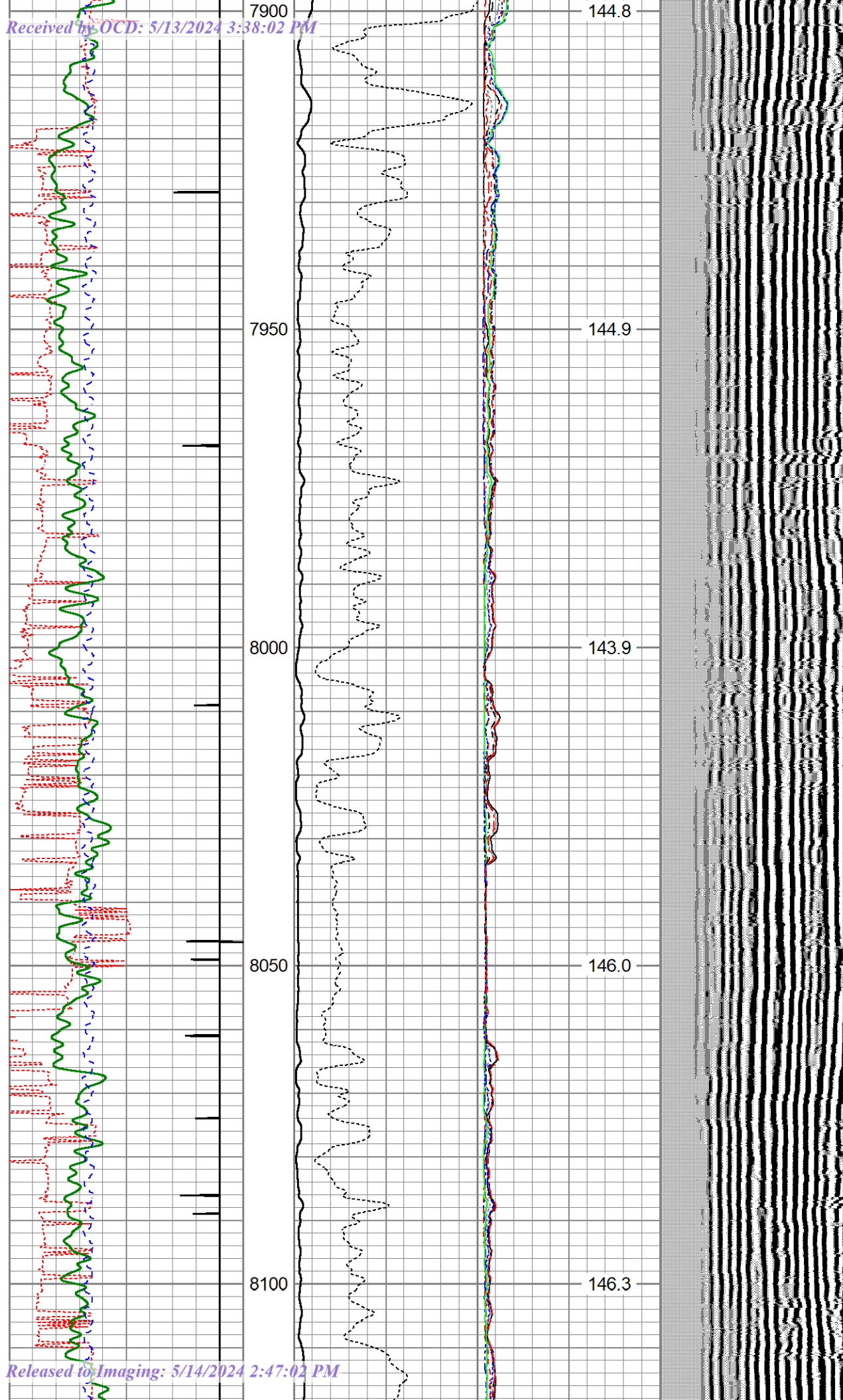


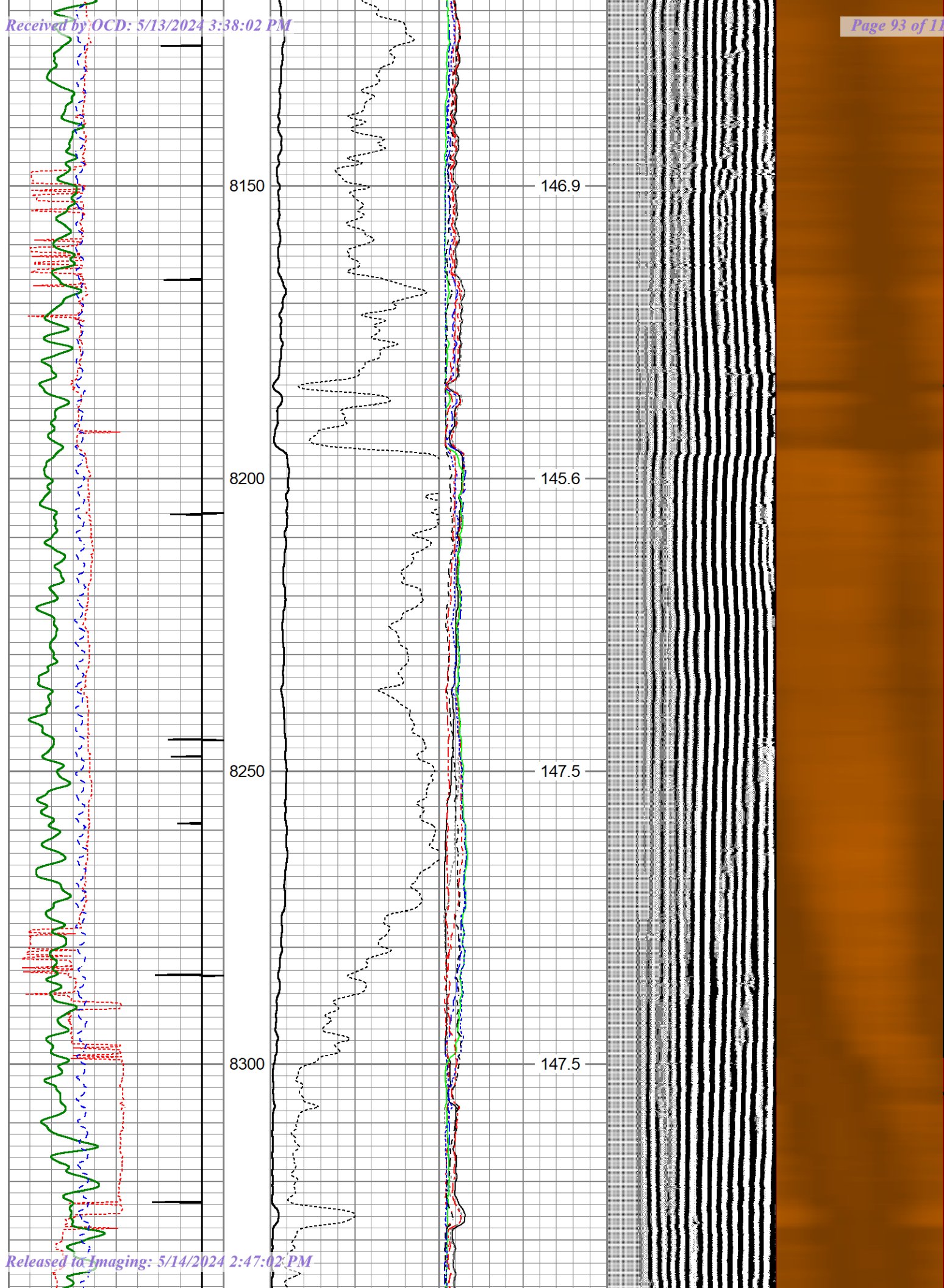


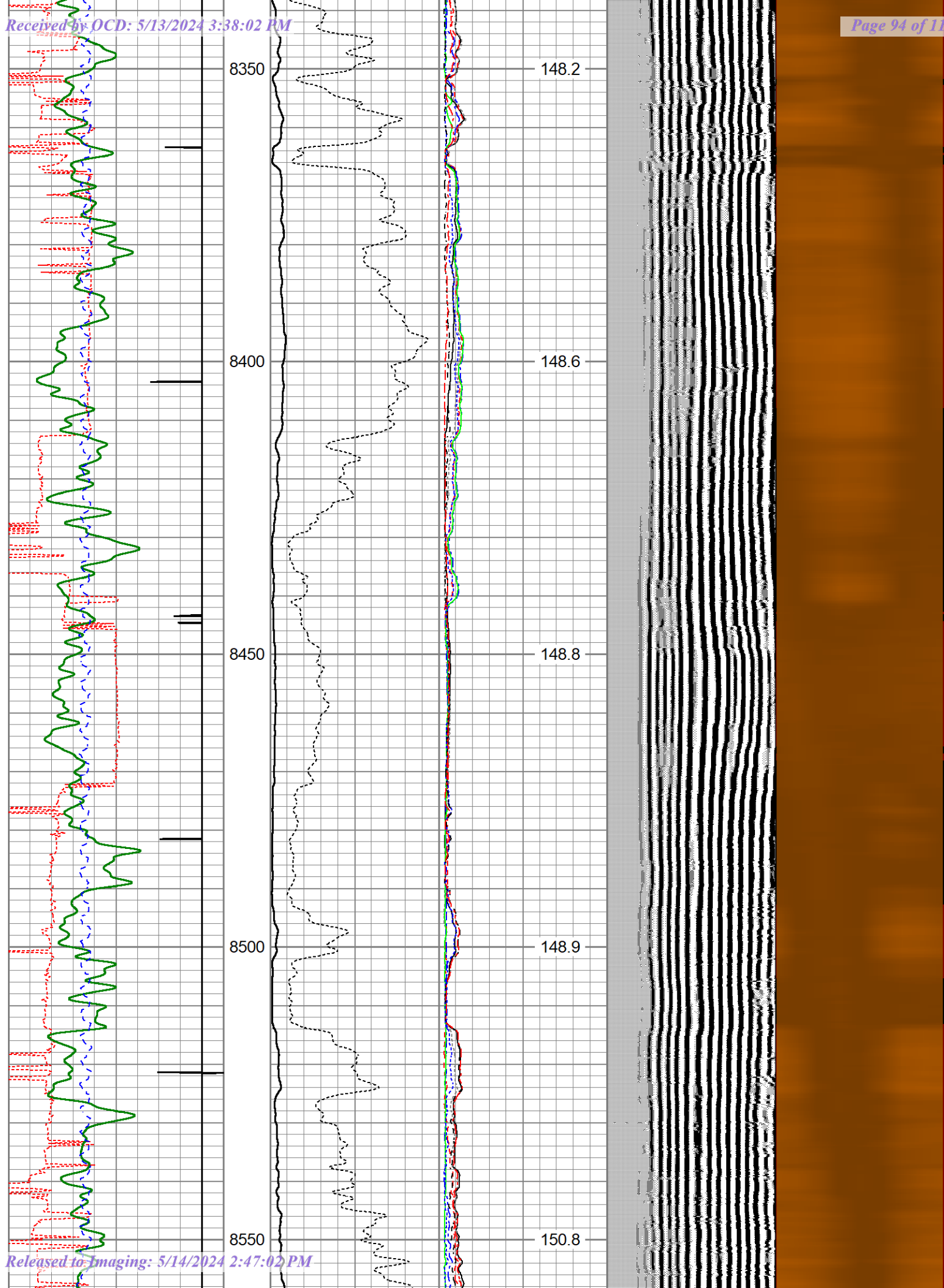


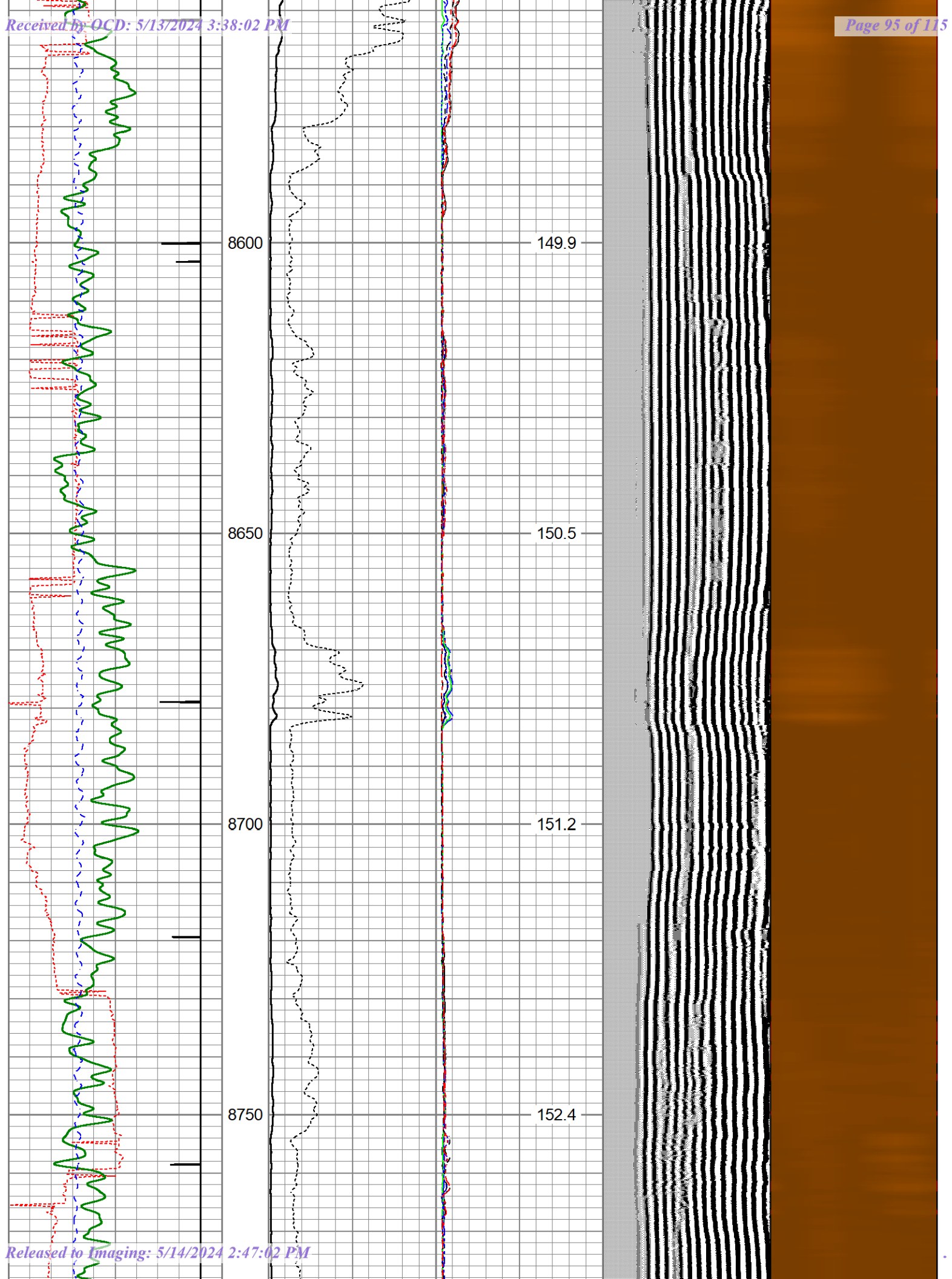


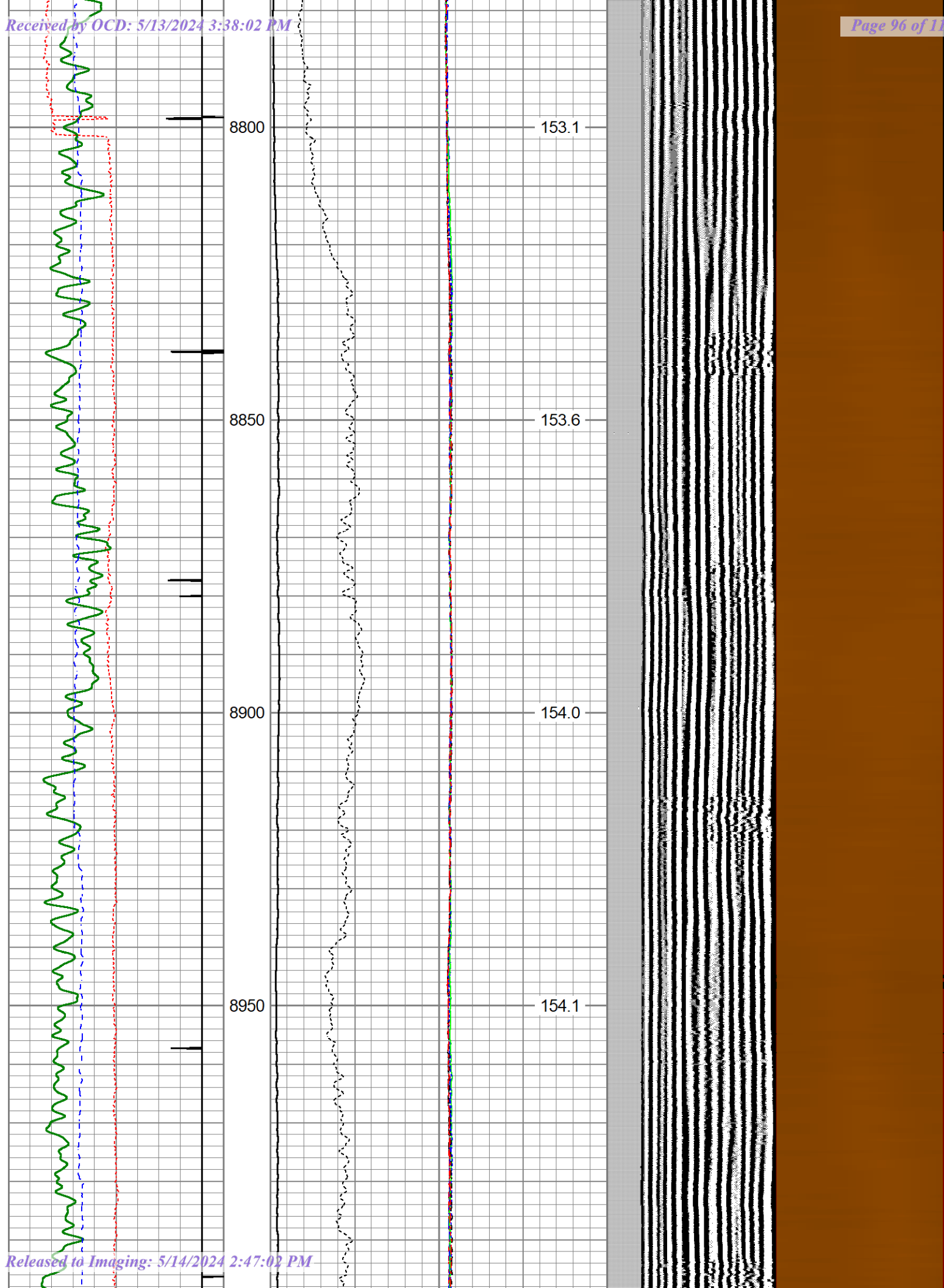


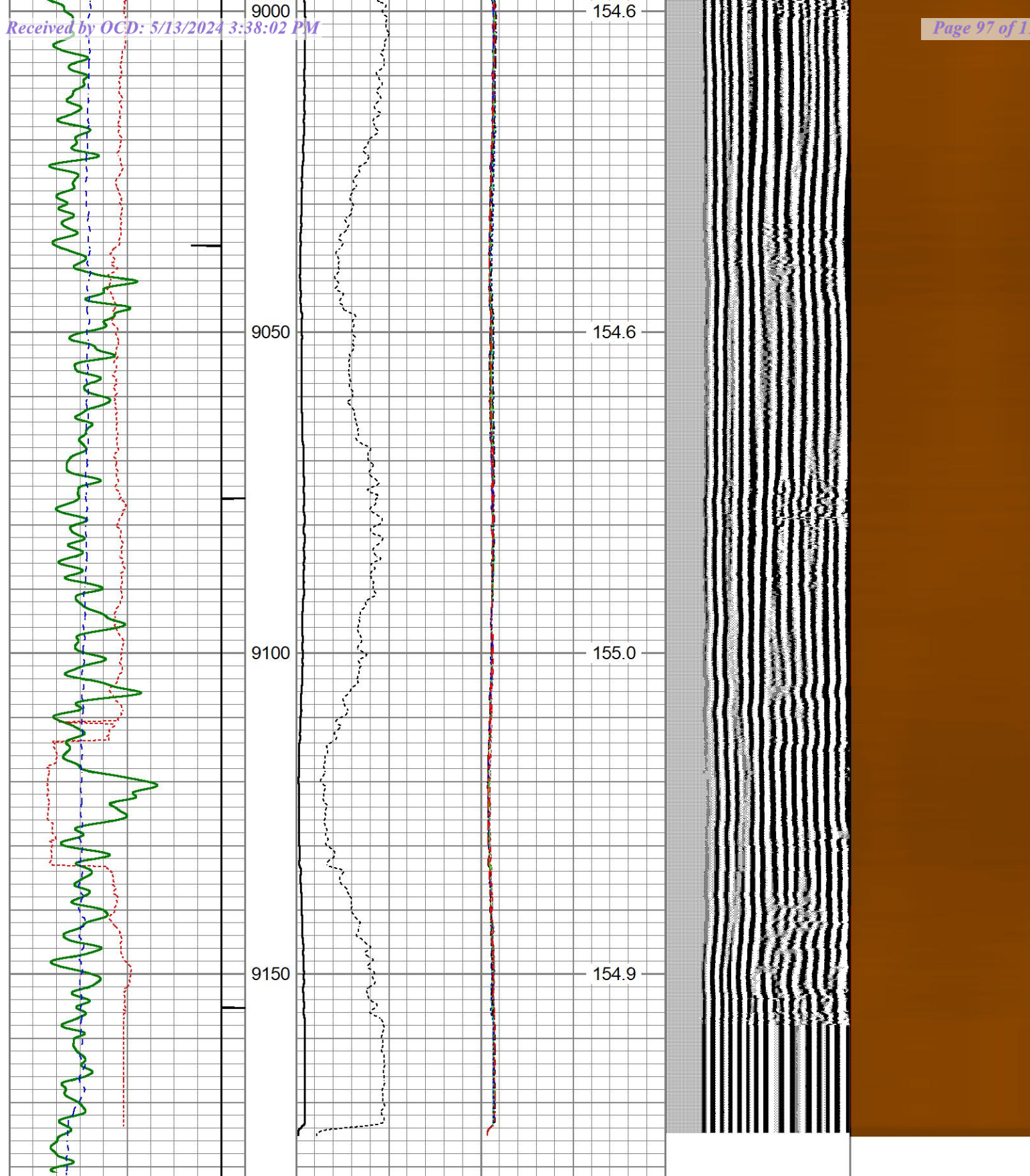












400	Travel Time (usec)	200
9	CCL\$1	-1
0	Gamma Ray (GAPI)	150
0	Line Tension (lb)	5000

0	Amplitude (mV)	100	-5	Sector 1	150
	Amplified Amplitude		-5	Sector 2	150
0	(mV)	10	-5	Sector 3	150
			-5	Sector 4	150
			-5	Sector 5	150
			-5	Sector 6	150
			-5	Sector 7	150
			-5	Sector 8	150

Variable Density	1	Cement Map	8
200	(usec)	1200	

0	Sector 6	150
RBT_Temp		
(degF)		



Repeat Pass

Logged with 0 PSI

Database File

bta_turner_no_1.db

Dataset Pathname

pass4

Presentation Format

scbl03_act

Dataset Creation

Thu Apr 11 09:39:00 2024

Charted by

Depth in Feet scaled 1:240

400

Travel Time (usec)

200

9

CCL\$1

-1

0

Gamma Ray (GAPI)

150

0

Line Tension (lb)

5000

0

Amplitude (mV)

100

-5

Sector 1

150

Amplified Amplitude

-5

Sector 2

150

0

(mV)

10

-5

Sector 3

150

-5

Sector 4

150

-5

Sector 5

150

-5

Sector 6

150

-5

Sector 7

150

-5

Sector 8

150

RBT_Temp

(degF)

Variable Density

200

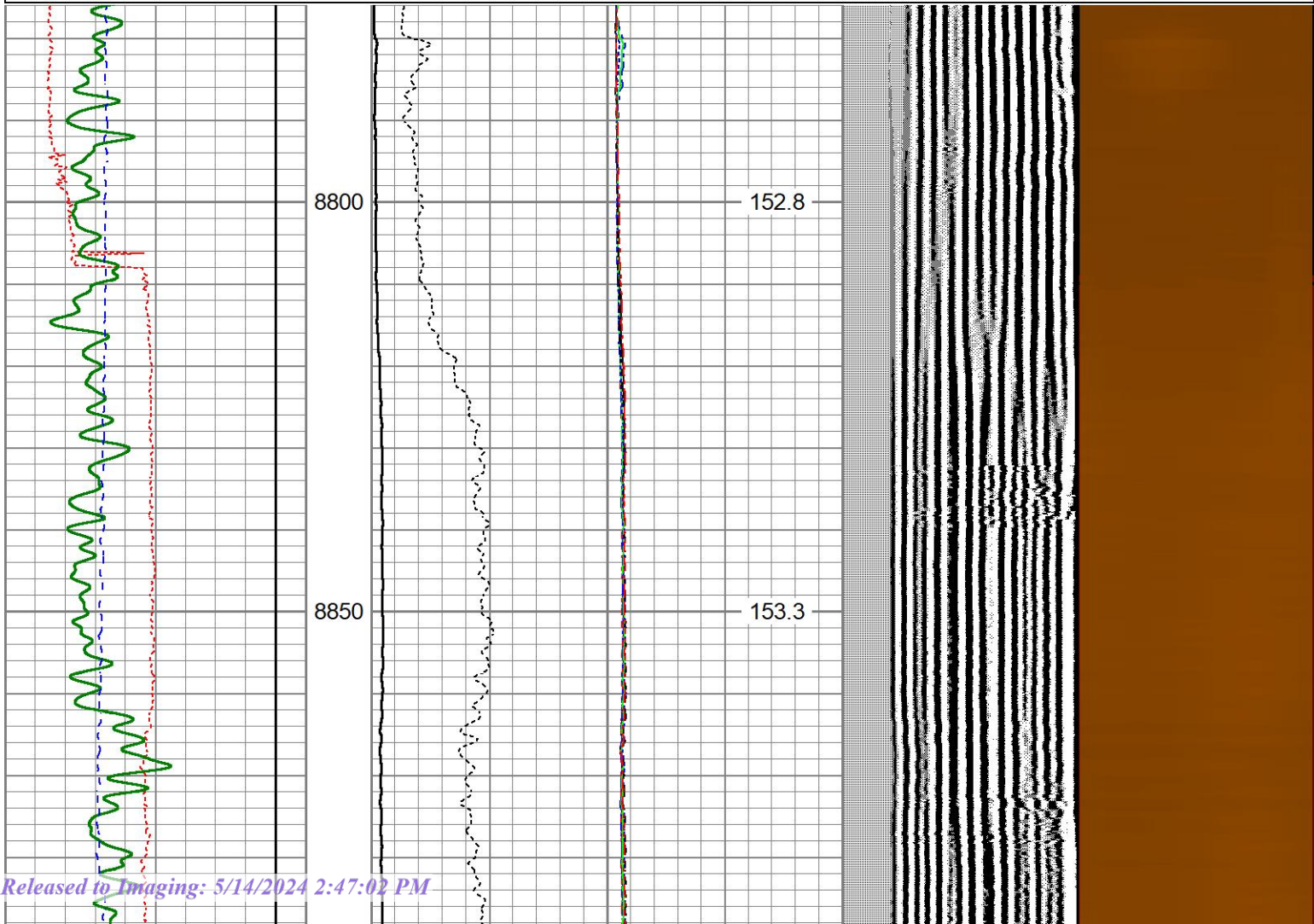
(usec)

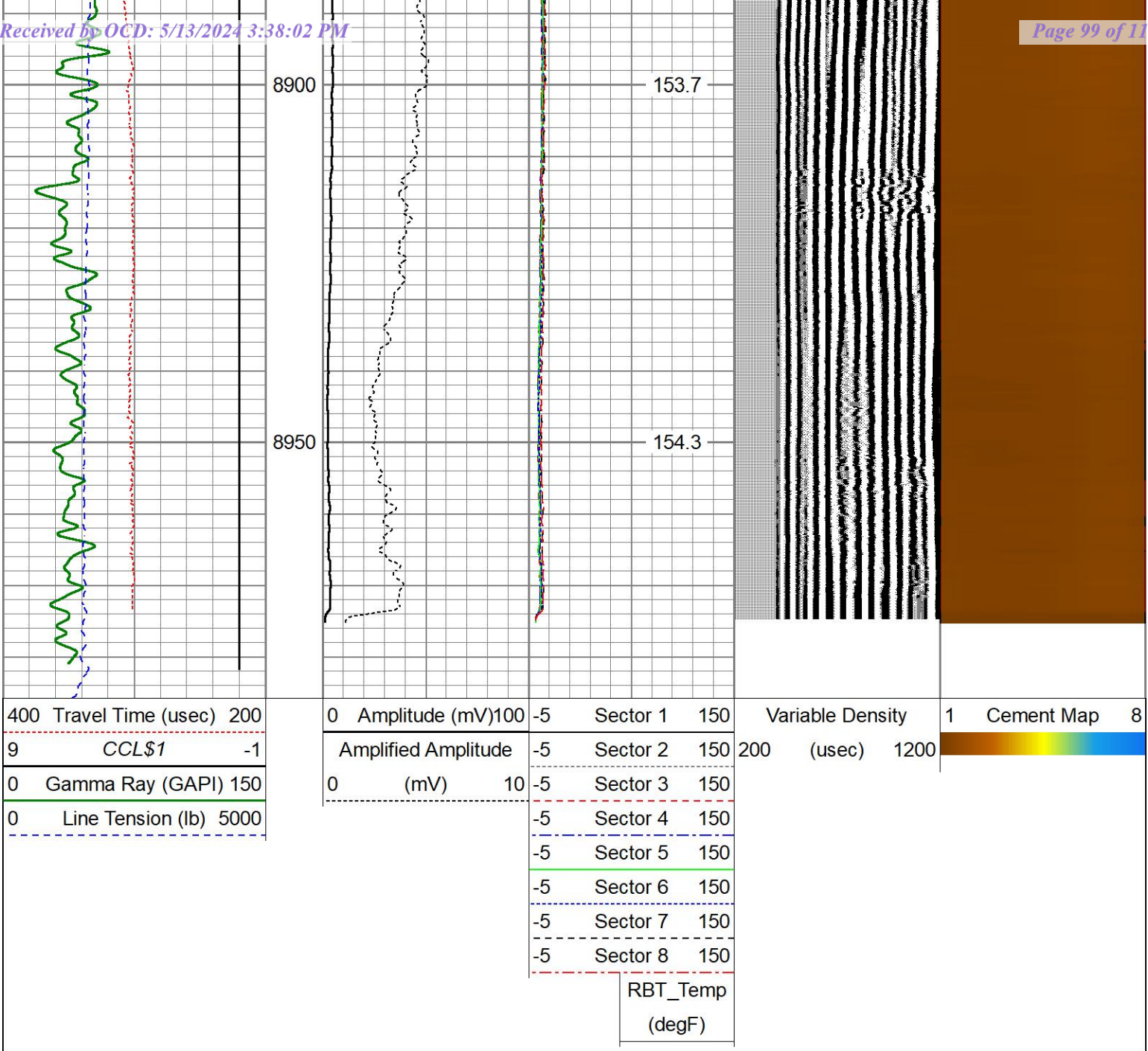
1200

1

Cement Map

8





Log Variables

DatabaseC:\ProgramData\Warrior\Data\bta_turner_no_1.db
Dataset field/well/run1/pass6/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 100	CASEOD in 5.5	CASETHCK in 0	CASEWGHT lb/ft 17	MAXAMPL mV 71.9	MINAMPL mV 1	MINATTN db/ft 0.8
PERFS No	PPT uSec 0	SRFTEMP degF 0	TDEPTH ft 0				

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness

CASEWGHT : Casing Weight
MAXAMPL : Maximum Amplitude
MINAMPL : Minimum Amplitude
MINATTN : Minimum Attenuation

PERFS : Perforation Flag
PPT : Predicted Pipe Time
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

Calibration Report						
Database File	bta_turner_no_1.db					
Dataset Pathname	pass6					
Dataset Creation	Thu Apr 11 09:46:26 2024					
Gamma Ray Calibration Report						
Serial Number:	GC275-0000_base					
Tool Model:	GC275-0000					
Performed:	(Not Performed)					
Calibrator Value:	1.0	GAPI				
Background Reading:	0.0	cps				
Calibrator Reading:	1.0	cps				
Sensitivity:	1.0000	GAPI/cps				
Segmented Cement Bond Log Calibration Report						
Serial Number:	RBT275T_Base					
Tool Model:	RADII-275T					
Calibration Casing Diameter:	5.500	in				
Calibration Depth:	7519.833	ft				
Master Calibration, performed Thu Apr 11 09:28:12 2024:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.001	0.766	1.000	71.921	92.436	1.098
CAL	-0.001	0.750				
5'	-0.001	0.626	1.000	71.921	113.270	1.057
SUM						
S1	0.000	0.755	0.000	100.000	132.570	-0.040
S2	0.000	0.754	0.000	100.000	132.660	-0.013
S3	-0.001	0.752	0.000	100.000	132.847	0.139
S4	-0.000	0.743	0.000	100.000	134.522	0.041
S5	-0.002	0.735	0.000	100.000	135.685	0.229
S6	-0.001	0.740	0.000	100.000	134.923	0.178
S7	-0.000	0.743	0.000	100.000	134.533	0.023
S8	-0.001	0.762	0.000	100.000	131.032	0.187
Internal Reference Calibration, performed Thu Apr 11 08:25:24 2024:						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.001	0.750	1.000	0.000
Air Zero Calibration, performed Thu Apr 11 09:27:35 2024:						
	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	

Released to Imaging: 5/14/2024 2:47:02 PM

Inclinometer Calibration Report					
Performed:	Wed May 22 10:49:34 2019				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-923.00	912.00	-1.00	1.00	gee
Y Accelerometer	-895.00	877.00	-1.00	1.00	gee
Z Accelerometer	-0.10	860.00	0.00	1.00	gee

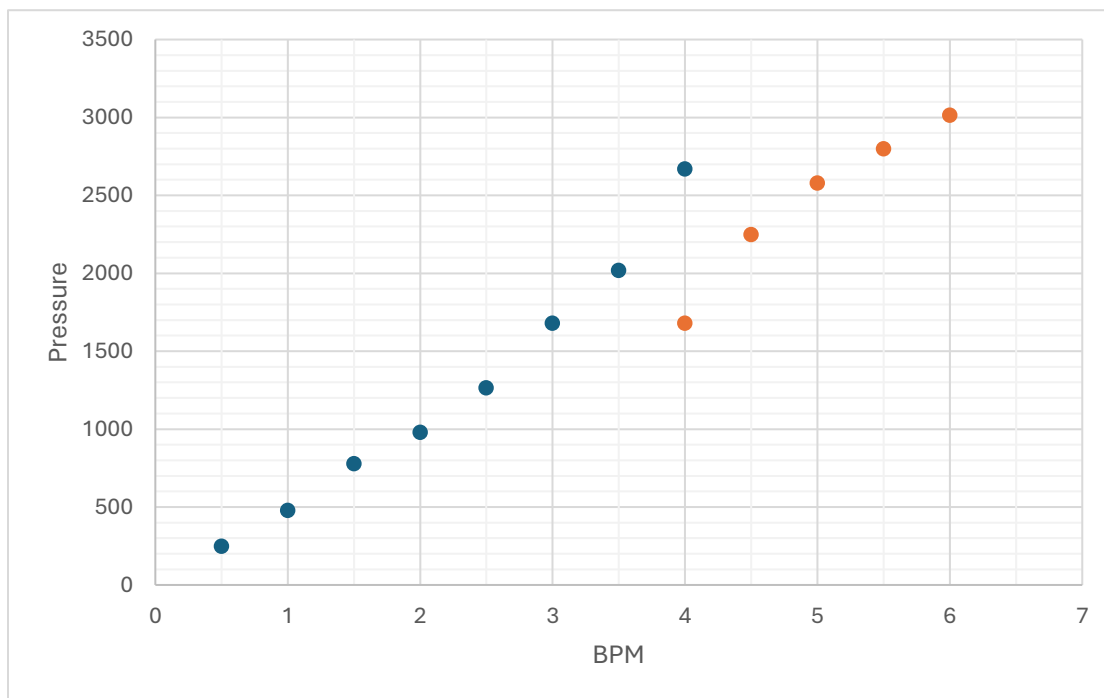
Released to Imaging: 5/14/2024 2:47:02 PM

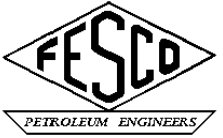
Wellbore Data			Tool Joint Data			Tool Joint Data		
Wellbore Data	Tool Joint Data	Tool Joint Data	Tool Joint Data	Tool Joint Data	Tool Joint Data	Tool Joint Data	Tool Joint Data	Tool Joint Data
WVF5ET	11.02							
Received by OCD: 5/13/2024 3:38:02 PM						Page 102 of 1		
GCT_HV	4.90							
CCL\$2	3.96							
CCL\$1	3.96							
GR	2.72							
GCT_IntTemp	2.00							
			GC-GC275-0000 (GC275-0000_base) Probe 2.75" Gamma Ray - CCL			4.57	2.75	55.00
			Plug-FA108-0000 1.38" Bull Plug			0.33	1.38	1.00
Dataset:			bta_turner_no_1.db: field/well/run1/pass6					
Total length:			20.88 ft					
Total weight:			99.60 lb					
O.D.:			2.75 in					

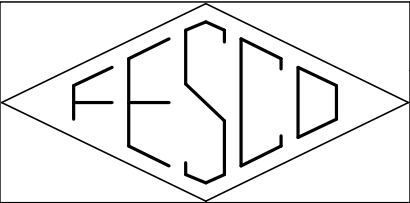
Turner #1 SWD - Step Rate Test 4-17-24

Step	BPM	Min	Bbl	Psi
1	0.5	15	7.5	250
2	1	15	15	480
3	1.5	15	22.5	780
4	2	15	30	980
5	2.5	15	37.5	1265
6	3	10	30	1680
7	3.5	5	17.5	2020
8	4	5	20	2670
8.5	4	5	20	1680
9	4.5	5	22.5	2250
10	5	5	25	2580
11	5.5	5	27.5	2800
12	6	5	30	3016

*Kill truck broke down. redo w/ differnet kill truck

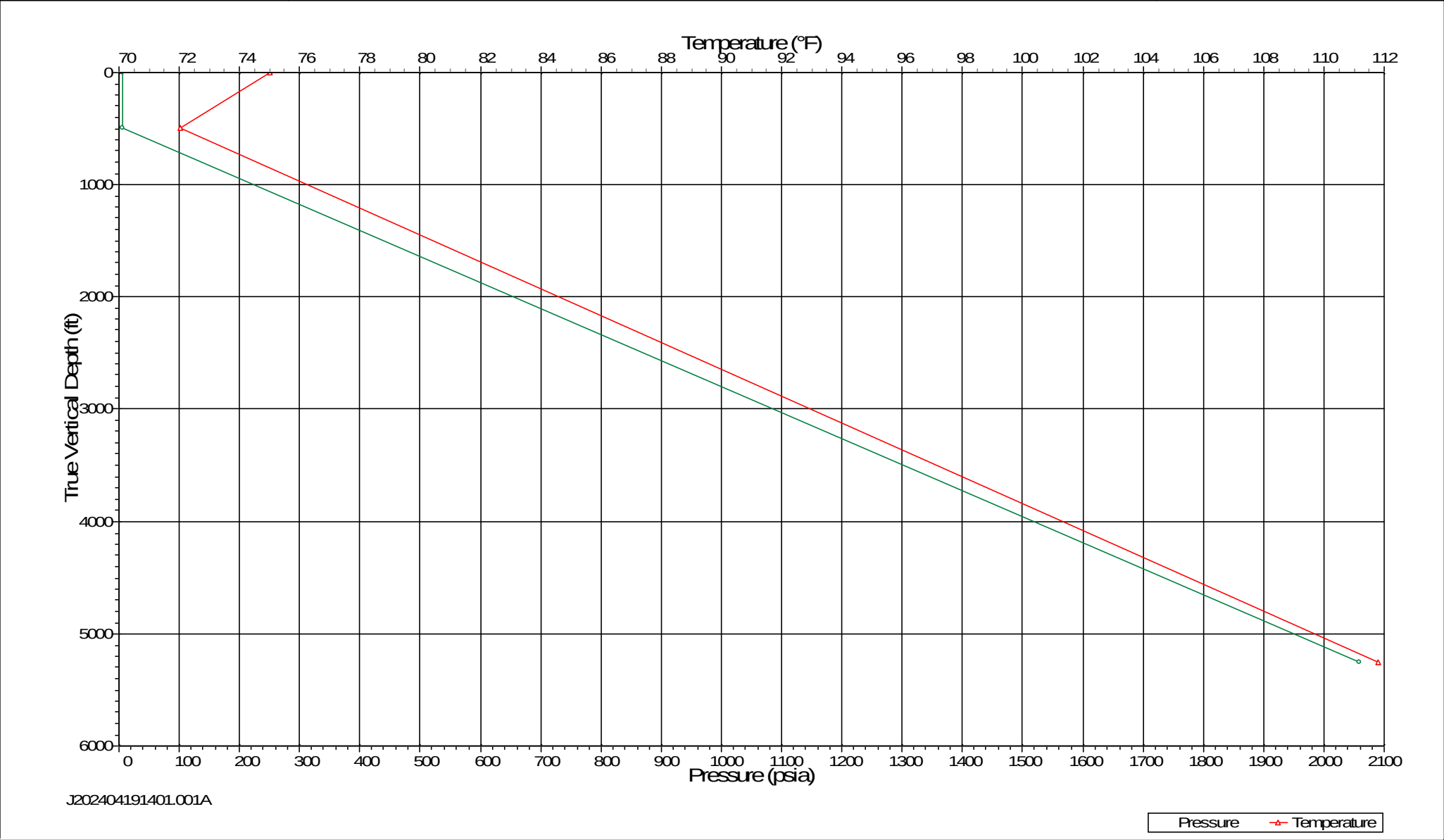


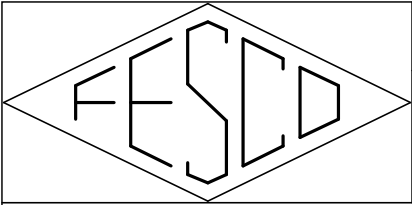
	FESCO, Ltd. 1000 Fesco Ave. - Alice, Texas 78332 STATIC GRADIENT SURVEY																																													
Company: BTA Oil Producers Well: Turner B 8408 JV-P No. 001 Field: Double A; Lower ABO Formation: San Andres		Test Date: 04/18/2024 Location: Lea County, NM Status: Shut in.																																												
Well Data: Wellhead Connection: 2.5" EUE Elevation: 25 ft above GL Tubing: 2.5" Set at 5224 ft (EOT) Casing: N/A Perfs: 5230 - 5538 ft (MD O/A) Datum: 5384 ft (MD)		Gauge Type: Electronic Gauge SN: DC-1038 Gauge Range: 15000 psi Gauge OD: 1.2500"																																												
<table><tr><th colspan="3">Depth</th><th colspan="5">Pressure</th><th rowspan="2">Comments</th></tr><tr><th>MD ft</th><th>TVD ft</th><th>Delta Depth ft</th><th>Depth ft</th><th>BHT °F</th><th>Gauge Pressure psia</th><th>Delta Pressure psi</th><th>Pressure Gradient psi / ft</th></tr><tr><td>0</td><td>0</td><td>0</td><td>5</td><td>75.02</td><td>6.81</td><td>0.00</td><td>0.0000</td><td></td></tr><tr><td>498</td><td>498</td><td>498</td><td>499</td><td>72.04</td><td>5.19</td><td>-1.62</td><td>-0.0033</td><td>Water level</td></tr><tr><td>5253</td><td>5253</td><td>4755</td><td>5253</td><td>111.81</td><td>2058.02</td><td>2052.83</td><td>0.4317</td><td></td></tr></table>			Depth			Pressure					Comments	MD ft	TVD ft	Delta Depth ft	Depth ft	BHT °F	Gauge Pressure psia	Delta Pressure psi	Pressure Gradient psi / ft	0	0	0	5	75.02	6.81	0.00	0.0000		498	498	498	499	72.04	5.19	-1.62	-0.0033	Water level	5253	5253	4755	5253	111.81	2058.02	2052.83	0.4317	
Depth			Pressure					Comments																																						
MD ft	TVD ft	Delta Depth ft	Depth ft	BHT °F	Gauge Pressure psia	Delta Pressure psi	Pressure Gradient psi / ft																																							
0	0	0	5	75.02	6.81	0.00	0.0000																																							
498	498	498	499	72.04	5.19	-1.62	-0.0033	Water level																																						
5253	5253	4755	5253	111.81	2058.02	2052.83	0.4317																																							
BHT at Test Depth: 111.81 °F Extrapolated BHP at Datum: 2114.57 psia BHP Gradient at Datum : 0.4317 psi/ft					Oil Level: None Water Level: 498 ft Csg Press: 0 psig		Previous BHP: U/A BHP Change: U/A																																							
Remarks: RIH with electronic gauge to 5253 ft. Monitored SIBHP for 30 minutes. POOH with gauge to surface. RDMO.																																														
Certified: FESCO, Ltd. - Midland, TX By: <u>Michael Carnes</u> District Manager - (432) 332-3211																																														
Job No.: J202404191401.001A																																														



BTA Oil Producers			
Well:	Turner B 8408 JV-P No. 001	Gauge Type:	Electronic
Field:	Double A; Lower ABO	Gauge Range:	15000 psi
Test Date:	04/18/2024	Gauge SN:	DC-1038

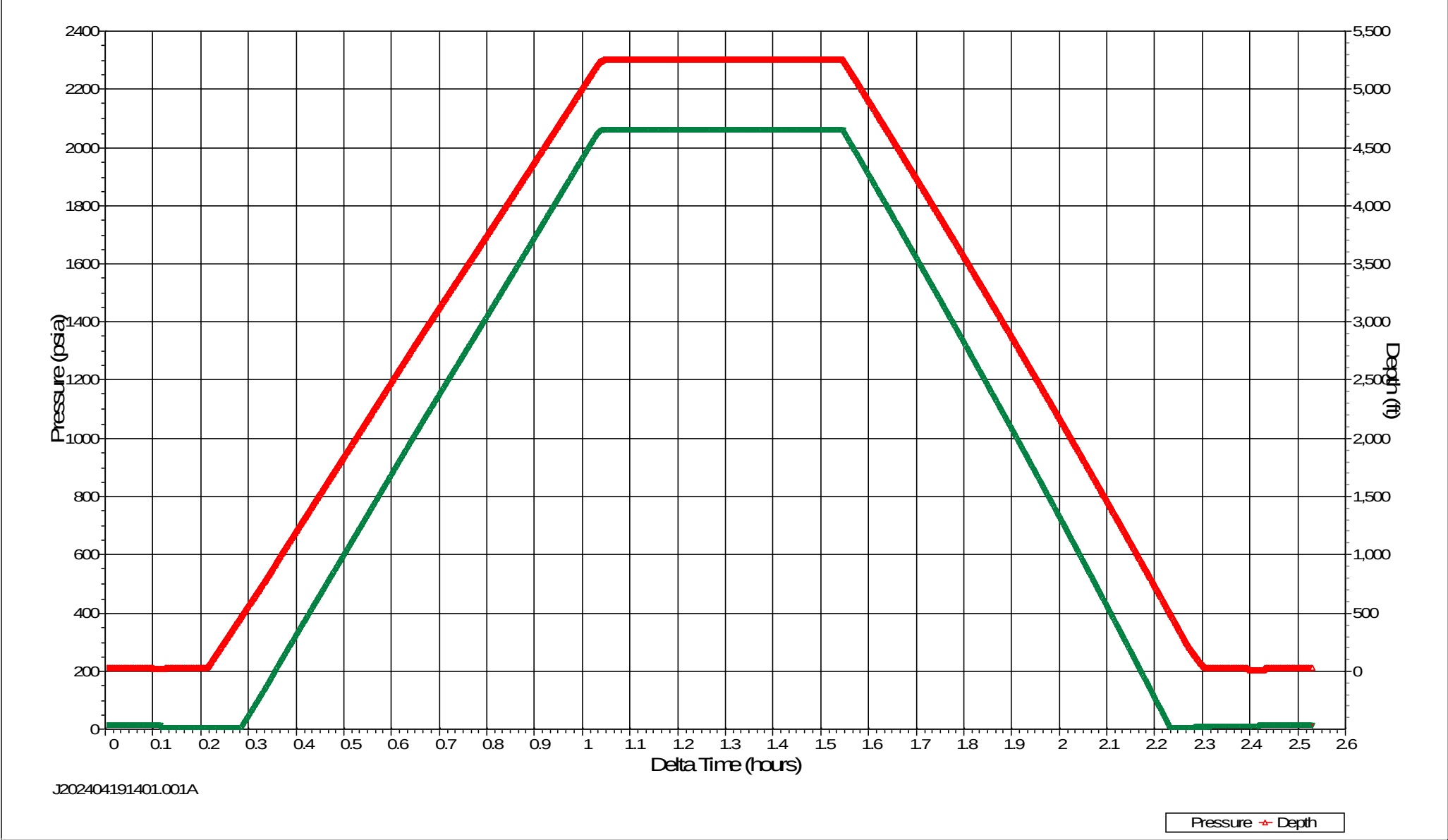
Static
Gradient
Plot





BTA Oil Producers			
Well:	Turner B 8408 JV-P No. 001	Gauge Type:	Electronic
Field:	Double A; Lower ABO	Gauge Range:	15000 psi
Test Date:	04/18/2024	Gauge SN:	DC-1038

Cartesian
Plot



		FESCO, Ltd. 1000 Fesco Ave. - Alice, Texas 78332						
		RESERVOIR PRESSURE MONITOR TEST						
Company: BTA Oil Producers Well: Turner B 8408 JV-P No. 001 Field: Double A; Lower ABO Location: Lea County, NM Perfs: 5230 - 5538 ft (MD O/A) Formation: San Andres							Test Date: 04/18/2024 Gauge Depth: 5253 ft Gauge Type: Electronic Gauge SN: DC-1038 Gauge Range: 15000 psi Gauge OD: 1.2500"	
Test Date mm/dd/yy	Real Time hh:mm:ss	Delta Time hours	Depth ft	BHP psia	Temp. °F	Delta BHP psi	Comments	
04/18/24	14:40:00	0.00000	32	13.44	75.74		Powered up gauge.	
04/18/24	14:41:00	0.01667	32	13.07	77.65			
04/18/24	14:42:00	0.03333	32	13.10	79.33			
04/18/24	14:43:00	0.05000	32	12.86	80.24			
04/18/24	14:44:00	0.06667	32	12.90	80.80			
04/18/24	14:45:00	0.08333	25	12.68	81.18			
04/18/24	14:46:00	0.10000	25	12.55	81.45			
04/18/24	14:46:59	0.11639	18	12.56	81.70		Ambient pressure/temperature	
04/18/24	14:47:00	0.11667	18	11.51	81.70			
04/18/24	14:47:02	0.11722	18	4.21	81.71		Pressured up lubricator.	
04/18/24	14:47:03	0.11750	18	4.26	81.71		SIWHP=Slight Vacuum	
04/18/24	14:48:00	0.13333	25	4.25	81.76			
04/18/24	14:49:00	0.15000	25	4.29	81.76			
04/18/24	14:50:00	0.16667	25	4.26	81.72			
04/18/24	14:51:00	0.18333	25	4.18	81.66			
04/18/24	14:52:00	0.20000	25	4.26	81.61			
04/18/24	14:52:39	0.21083	25	4.31	81.58		RIH with gauge	
04/18/24	14:53:00	0.21667	50	4.45	81.55			
04/18/24	14:54:00	0.23333	152	4.33	80.80			
04/18/24	14:55:00	0.25000	255	4.45	79.72			
04/18/24	14:56:00	0.26667	358	4.63	78.72			
04/18/24	14:57:00	0.28333	461	4.57	77.75			
04/18/24	14:57:13	0.28694	484	4.44	77.56		Gauge descended below water level at 484 ft.	
04/18/24	14:58:00	0.30000	565	39.79	73.08			
04/18/24	14:59:00	0.31667	667	84.20	72.41			
04/18/24	15:00:00	0.33333	770	129.06	73.65			
04/18/24	15:01:00	0.35000	877	175.18	75.12			
04/18/24	15:02:00	0.36667	991	224.82	76.70			
04/18/24	15:03:00	0.38333	1097	270.86	78.17			
04/18/24	15:04:00	0.40000	1204	317.09	79.87			
04/18/24	15:05:00	0.41667	1311	362.93	81.45			
04/18/24	15:06:00	0.43333	1418	409.03	82.98			
04/18/24	15:07:00	0.45000	1525	455.12	84.28			
04/18/24	15:08:00	0.46667	1632	501.10	85.74			
04/18/24	15:09:00	0.48333	1738	546.94	87.77			
04/18/24	15:10:00	0.50000	1845	592.70	88.98			
04/18/24	15:11:00	0.51667	1951	638.36	89.89			
04/18/24	15:12:00	0.53333	2058	684.58	90.90			

	FESCO, Ltd. 1000 Fesco Ave. - Alice, Texas 78332						
RESERVOIR PRESSURE MONITOR TEST							
Company: BTA Oil Producers Well: Turner B 8408 JV-P No. 001 Field: Double A; Lower ABO Location: Lea County, NM Perfs: 5230 - 5538 ft (MD O/A) Formation: San Andres						Test Date: 04/18/2024 Gauge Depth: 5253 ft Gauge Type: Electronic Gauge SN: DC-1038 Gauge Range: 15000 psi Gauge OD: 1.2500"	
Test Date mm/dd/yy	Real Time hh:mm:ss	Delta Time hours	Depth ft	BHP psia	Temp. °F	Delta BHP psi	Comments
04/18/24	15:13:00	0.55000	2166	730.78	91.80		
04/18/24	15:14:00	0.56667	2274	777.11	92.05		
04/18/24	15:15:00	0.58333	2381	823.44	92.50		
04/18/24	15:16:00	0.60000	2489	869.92	93.23		
04/18/24	15:17:00	0.61667	2597	916.35	93.89		
04/18/24	15:18:00	0.63333	2704	962.42	94.69		
04/18/24	15:19:00	0.65000	2811	1008.62	95.47		
04/18/24	15:20:00	0.66667	2917	1054.04	96.24		
04/18/24	15:21:00	0.68333	3021	1099.12	97.03		
04/18/24	15:22:00	0.70000	3126	1143.96	97.68		
04/18/24	15:23:00	0.71667	3229	1188.48	98.30		
04/18/24	15:24:00	0.73333	3333	1233.13	99.01		
04/18/24	15:25:00	0.75000	3437	1277.84	99.69		
04/18/24	15:26:00	0.76667	3541	1322.33	100.44		
04/18/24	15:27:00	0.78333	3644	1367.35	101.14		
04/18/24	15:28:00	0.80000	3749	1412.35	101.91		
04/18/24	15:29:00	0.81667	3854	1457.50	102.60		
04/18/24	15:30:00	0.83333	3959	1502.94	103.32		
04/18/24	15:31:00	0.85000	4064	1548.04	103.83		
04/18/24	15:32:00	0.86667	4169	1593.13	104.41		
04/18/24	15:33:00	0.88333	4274	1638.66	105.29		
04/18/24	15:34:00	0.90000	4380	1684.15	106.09		
04/18/24	15:35:00	0.91667	4485	1729.62	106.70		
04/18/24	15:36:00	0.93333	4591	1775.08	107.28		
04/18/24	15:37:00	0.95000	4696	1820.45	107.92		
04/18/24	15:38:00	0.96667	4802	1865.63	108.76		
04/18/24	15:39:00	0.98333	4907	1910.97	109.53		
04/18/24	15:40:00	1.00000	5013	1956.51	110.16		
04/18/24	15:41:00	1.01667	5119	2002.10	110.88		
04/18/24	15:42:00	1.03333	5221	2045.63	111.50		
04/18/24	15:42:42	1.04500	5253	2059.12	111.69		Arrived at 5228 ft stop.
04/18/24	15:43:00	1.05000	5253	2059.35	111.75		
04/18/24	15:44:00	1.06667	5253	2059.13	111.79		
04/18/24	15:45:00	1.08333	5253	2059.03	111.79		
04/18/24	15:46:00	1.10000	5253	2058.80	111.78		
04/18/24	15:47:00	1.11667	5253	2058.95	111.78		
04/18/24	15:48:00	1.13333	5253	2058.76	111.77		
04/18/24	15:49:00	1.15000	5253	2058.84	111.77		

	FESCO, Ltd. 1000 Fesco Ave. - Alice, Texas 78332						
RESERVOIR PRESSURE MONITOR TEST							
Company: BTA Oil Producers Well: Turner B 8408 JV-P No. 001 Field: Double A; Lower ABO Location: Lea County, NM Perfs: 5230 - 5538 ft (MD O/A) Formation: San Andres						Test Date: 04/18/2024 Gauge Depth: 5253 ft Gauge Type: Electronic Gauge SN: DC-1038 Gauge Range: 15000 psi Gauge OD: 1.2500"	
Test Date mm/dd/yy	Real Time hh:mm:ss	Delta Time hours	Depth ft	BHP psia	Temp. F	Delta BHP psi	Comments
04/18/24	15:50:00	1.16667	5253	2058.53	111.78		
04/18/24	15:51:00	1.18333	5253	2058.71	111.79		
04/18/24	15:52:00	1.20000	5253	2058.58	111.79		
04/18/24	15:53:00	1.21667	5253	2058.55	111.80		
04/18/24	15:54:00	1.23333	5253	2058.60	111.81		
04/18/24	15:55:00	1.25000	5253	2058.59	111.81		
04/18/24	15:56:00	1.26667	5253	2058.47	111.82		
04/18/24	15:57:00	1.28333	5253	2058.54	111.82		
04/18/24	15:58:00	1.30000	5253	2058.34	111.81		
04/18/24	15:59:00	1.31667	5253	2058.26	111.82		
04/18/24	16:00:00	1.33333	5253	2058.32	111.82		
04/18/24	16:01:00	1.35000	5253	2058.29	111.81		
04/18/24	16:02:00	1.36667	5253	2058.37	111.81		
04/18/24	16:03:00	1.38333	5253	2058.26	111.81		
04/18/24	16:04:00	1.40000	5253	2058.31	111.81		
04/18/24	16:05:00	1.41667	5253	2058.18	111.82		
04/18/24	16:06:00	1.43333	5253	2058.17	111.81		
04/18/24	16:07:00	1.45000	5253	2058.20	111.81		
04/18/24	16:08:00	1.46667	5253	2058.24	111.81		
04/18/24	16:09:00	1.48333	5253	2058.07	111.81		
04/18/24	16:10:00	1.50000	5253	2058.19	111.81		
04/18/24	16:11:00	1.51667	5253	2058.10	111.81		
04/18/24	16:12:00	1.53333	5253	2057.89	111.81		
04/18/24	16:12:46	1.54611	5253	2057.95	111.81		Casing Pressure = 0 psig.
04/18/24	16:12:47	1.54639	5253	2058.02	111.81		POOH with gauge from 5253 ft.
04/18/24	16:13:00	1.55000	5237	2050.05	111.81		
04/18/24	16:14:00	1.56667	5130	2003.87	111.73		
04/18/24	16:15:00	1.58333	5021	1956.78	111.24		
04/18/24	16:16:00	1.60000	4912	1909.57	110.54		
04/18/24	16:17:00	1.61667	4802	1862.34	109.86		
04/18/24	16:18:00	1.63333	4692	1814.71	109.10		
04/18/24	16:19:00	1.65000	4581	1767.14	108.24		
04/18/24	16:20:00	1.66667	4470	1719.11	107.54		
04/18/24	16:21:00	1.68333	4359	1671.22	106.92		
04/18/24	16:22:00	1.70000	4247	1623.04	106.25		
04/18/24	16:23:00	1.71667	4135	1574.67	105.44		
04/18/24	16:24:00	1.73333	4023	1526.58	104.39		
04/18/24	16:25:00	1.75000	3911	1478.10	103.90		

 FESCO PETROLEUM ENGINEERS	FESCO, Ltd. 1000 Fesco Ave. - Alice, Texas 78332	 FESCO PETROLEUM ENGINEERS					
RESERVOIR PRESSURE MONITOR TEST							
Company: BTA Oil Producers Well: Turner B 8408 JV-P No. 001 Field: Double A; Lower ABO Location: Lea County, NM Perfs: 5230 - 5538 ft (MD O/A) Formation: San Andres						Test Date: 04/18/2024 Gauge Depth: 5253 ft Gauge Type: Electronic Gauge SN: DC-1038 Gauge Range: 15000 psi Gauge OD: 1.2500"	
Test Date mm/dd/yy	Real Time hh:mm:ss	Delta Time hours	Depth ft	BHP psia	Temp. °F	Delta BHP psi	Comments
04/18/24	16:26:00	1.76667	3799	1429.65	103.34		
04/18/24	16:27:00	1.78333	3685	1380.96	102.57		
04/18/24	16:28:00	1.80000	3572	1331.98	101.76		
04/18/24	16:29:00	1.81667	3458	1282.71	101.01		
04/18/24	16:30:00	1.83333	3344	1233.42	100.19		
04/18/24	16:31:00	1.85000	3229	1184.00	99.42		
04/18/24	16:32:00	1.86667	3114	1134.58	98.64		
04/18/24	16:33:00	1.88333	2999	1085.12	97.97		
04/18/24	16:34:00	1.90000	2884	1035.23	97.22		
04/18/24	16:35:00	1.91667	2768	985.29	96.42		
04/18/24	16:36:00	1.93333	2652	935.29	95.55		
04/18/24	16:37:00	1.95000	2535	885.13	94.79		
04/18/24	16:38:00	1.96667	2418	834.57	93.91		
04/18/24	16:39:00	1.98333	2301	784.23	93.12		
04/18/24	16:40:00	2.00000	2183	733.37	92.48		
04/18/24	16:41:00	2.01667	2065	682.46	92.12		
04/18/24	16:42:00	2.03333	1947	631.48	91.39		
04/18/24	16:43:00	2.05000	1828	580.20	90.29		
04/18/24	16:44:00	2.06667	1709	528.82	89.36		
04/18/24	16:45:00	2.08333	1589	476.88	88.12		
04/18/24	16:46:00	2.10000	1469	424.90	85.91		
04/18/24	16:47:00	2.11667	1349	373.18	84.33		
04/18/24	16:48:00	2.13333	1228	321.01	82.75		
04/18/24	16:49:00	2.15000	1107	268.79	80.99		
04/18/24	16:50:00	2.16667	985	215.93	78.98		
04/18/24	16:51:00	2.18333	863	163.54	77.31		
04/18/24	16:52:00	2.20000	740	110.72	75.63		
04/18/24	16:53:00	2.21667	618	57.81	73.76		
04/18/24	16:53:58	2.23278	499	5.19	72.04		Gauge ascended above water level at 498 ft.
04/18/24	16:54:00	2.23333	495	5.07	71.99		
04/18/24	16:55:00	2.25000	371	5.52	71.52		
04/18/24	16:56:00	2.26667	247	5.78	71.35		
04/18/24	16:57:00	2.28333	145	5.80	71.19		
04/18/24	16:58:00	2.30000	57	6.17	71.01		
04/18/24	16:59:00	2.31667	25	6.06	70.86		
04/18/24	17:00:00	2.33333	25	6.46	71.47		
04/18/24	17:01:00	2.35000	25	6.60	72.30		
04/18/24	17:02:00	2.36667	25	6.58	73.08		

	FESCO, Ltd. 1000 Fesco Ave. - Alice, Texas 78332						
RESERVOIR PRESSURE MONITOR TEST							
Company: BTA Oil Producers Well: Turner B 8408 JV-P No. 001 Field: Double A; Lower ABO Location: Lea County, NM Perfs: 5230 - 5538 ft (MD O/A) Formation: San Andres		Test Date: 04/18/2024 Gauge Depth: 5253 ft Gauge Type: Electronic Gauge SN: DC-1038 Gauge Range: 15000 psi Gauge OD: 1.2500"					
Test Date mm/dd/yy	Real Time hh:mm:ss	Delta Time hours	Depth ft	BHP psia	Temp. F	Delta BHP psi	Comments
04/18/24	17:03:00	2.38333	25	6.76	73.78		
04/18/24	17:04:00	2.40000	11	6.77	74.40		
04/18/24	17:04:11	2.40306	5	6.71	74.52		Gauge at surface.
04/18/24	17:04:57	2.41583	5	6.81	75.02		Pressured down lubricator.
04/18/24	17:05:00	2.41667	5	7.64	75.05		
04/18/24	17:05:15	2.42083	5	12.27	75.23		Test completed.
04/18/24	17:06:00	2.43333	24	12.28	75.81		
04/18/24	17:07:00	2.45000	24	11.92	75.24		
04/18/24	17:08:00	2.46667	24	11.90	74.13		
04/18/24	17:09:00	2.48333	24	11.73	74.19		
04/18/24	17:10:00	2.50000	24	11.86	74.36		
04/18/24	17:11:00	2.51667	24	11.88	74.53		
04/18/24	17:11:49	2.53028	24	11.97	75.21		Powered down gauge.
Remarks: RIH with electronic gauge to 5253 ft. Monitored SIBHP for 30 minutes. POOH with gauge to surface. RDMO.							
Job No.: J202404191401.001				Certified: FESCO, Ltd. - Midland, TX By: <u>Michael Carnes</u> District Manager - (432) 332-3211			

Submit 1 Copy To Appropriate District
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. 30-025-29414
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name TURNER 8408 JV-P
8. Well Number 1
9. OGRID Number 260297
10. Pool name or Wildcat 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	
2. Name of Operator BTA OIL PRODUCERS LLC	
3. Address of Operator 104 S PECOS; MIDLAND, TX. 79701	
4. Well Location Unit Letter D__: 990 feet from the NORTH line and 660 feet from the WEST line Section 21 Township 17S Range 36E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3871 GL	

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

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

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.

Turner #1 SWD – Workover Summary

1. MIRU WOR and SE.
2. Pull rods and pump, pull production tbg.
3. Set CIBP #1 @ 9176'. PT CIBP #1 and production casing to 550 psi for 30 min (good test). Circ well w/ salt gel.
4. MIRU WLU.
5. Make CBL log run from CIBP#1 to surface. Make 60 arm caliper log run from CIBP#1 to surface.
6. Dump bail Class B cmt on top of CIBP #1 to 9129' (47').
7. Set CIBP #2 @ 6705'. Dump bail Class B cmt on top of CIBP #2 to 6666' (39').
8. Set CIBP #3 @ 5738. Dump bail Class B cmt on top of CIBP #3 to 5703' (35').
9. Perforate Sand Andres: 5498'-5538', 5446'-5476', 5404'-5444', 5308'-5318', 5230'-5250'.
10. RIH w/ 2-7/8" injection tbg and AS-1X pkr. Set pkr @ 5207'. Circ pkr fluid.
11. Perform MIT test (good test).
12. Perform swab test. Recovered water samples for water analysis and hydrocarbon content.
13. Acidize w/ 4000 gal of HCl and 450 lb salt.
14. Perform step rate test.
15. Perform static BHP survey.
16. RDMO WOR and SE.

PLEASE SEE ATTACHED DOCUMENTS FOR MORE INFORMATION.

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

SIGNATURE *Sammy Hajar*

TITLE Regulatory Analyst

DATE 4/23/2024

Type or print name Sammy Hajar

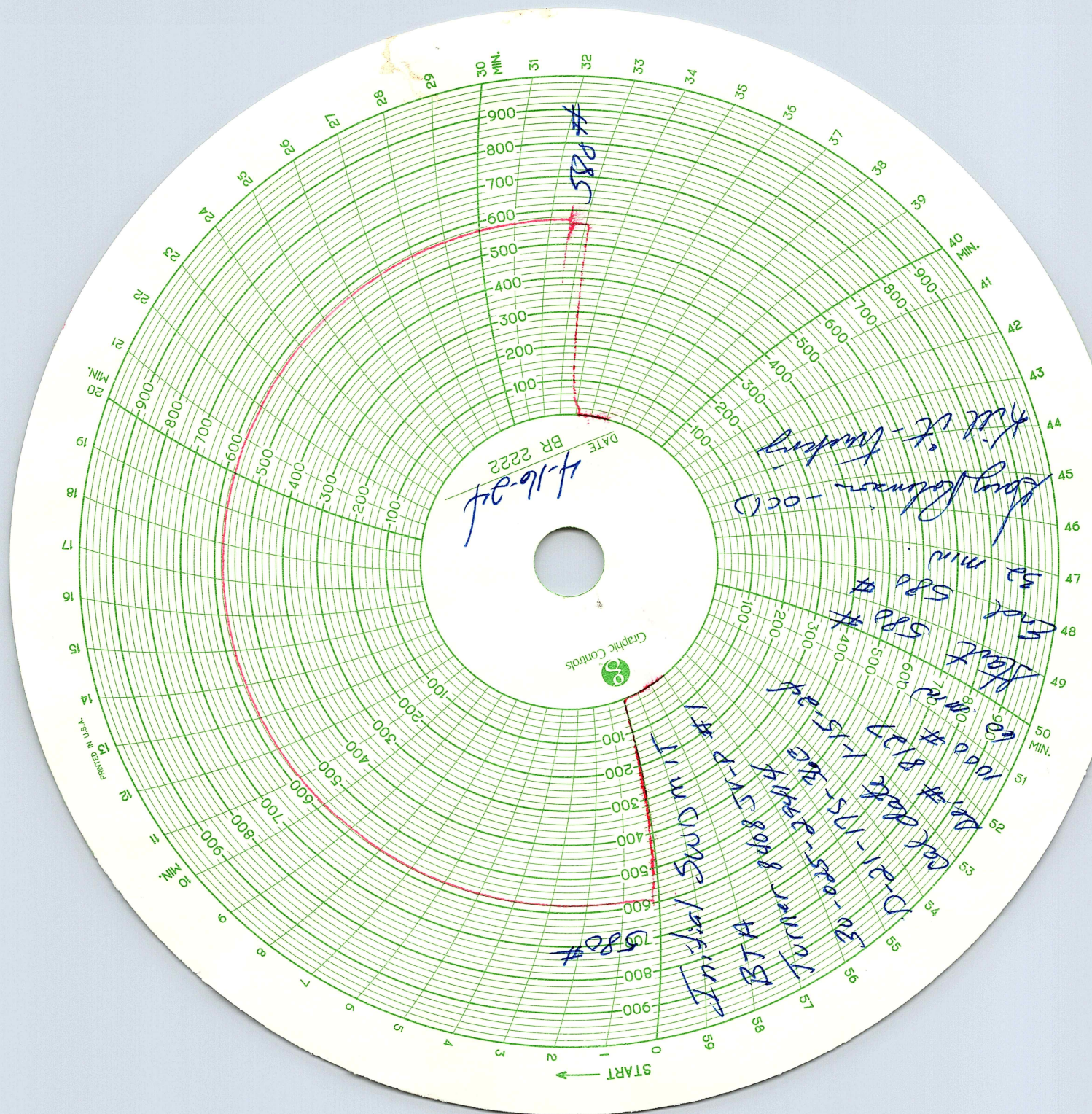
E-mail address: SHAJAR@btaoil.com

PHONE: 432-682-3753

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):



Tubing Detail

1 jt of 2-7/8" IPC tubing
2- 2-7/8" IPC spacer subs (10', 4')
158 jts of 2-7/8" IPC tubing
T2 O/O tool (NC)
5.5" AS-1X pkr (NC) @ 5207'
8' x 2-7/8" tbg sub (NC)
XN nipple (NC) @ 5223'
WLEG (NC) @ 5224'

KB = 3885
GL = 3871
Diff = 14

X-Mas Tree Top Conn.
7-1/16" 3M

@ 394' - 13-3/8" 54.5# K-55 Surf. Csg. Cmdt w/ 450 Sx Cmt Circ

@ 450' - BOC from top-fill, CBL dated 4/11/24

@ 3500' - 8-5/8" 24 & 32# J-55 Interm Csg. Cmdt w/ 1800 Cmt Circ

@ 3624' - TOC from CBL dated 4/11/24

@ 5207' - AS-1X pkr

Perfs: San Andres: 5230' - 5250', 5308' - 5318', 5404' - 5444',
5446' - 5476', 5498' - 5538' (6 spf)

5703'

@ 5738' - CIBP #3

6666'

@ 6705' - CIBP #2

9129'

@ 9176' - CIBP #1

Perfs: Upper Abo 9223 - 26'; 9230 - 32'; 9236 - 50'; 9252 - 66';
9274 - 84'; 9287 - 92' (54 holes)

9515'

9600'

@ 9600' - 5-1/2" 17# K-55; N-80 Prod. Csg. Cmdt w/ 1600 Sx

Revised	Injection Well	Drawn	HCD
	LEASE: 8408 JV-P Turner # 1		4/16/2024
	FIELD: Double A Lwr (Abo)		
	LOCATION: 990' FNL 660' FWL Sec. 21 T17S R36E	Approved	
	COUNTY: Lea STATE: New Mexico		
	INJECTING FORMATION: San Andres	Date	
	BTA Oil Producers		

District I
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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 343860

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 343860
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	The Sundry has been approved. However, The SRT is inconclusive and it wasn't performed following OCD's SRT protocol and may not be used for future IPI applications.	5/14/2024