

Santa Fe Main Office

Phone: (505) 476-3441 Fax: (55) 476-3462

General Information

Phone: (505) 629-6116

Online Phone Directory Visit:

https://www.emnrd.nm.gov/ocd/contact-us/

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. 30-025-03810
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Lovington San Andres Unit
8. Well Number 47
9. OGRID Number 241333
10. Pool name or Wildcat Lovington Grayburg SA
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3836' GR

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
Chevron Midcontinent, L.P

3. Address of Operator
6301 Deauville Blvd, Midland TX, 79706

4. Well Location
Unit Letter **K** : **1980** feet from the **South** line and **1980** feet from the **West** line
Section **1** Township **17 S** Range **36E** NMPM County **Lea**

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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.

See attached plugging report and as plugged wellbore diagram

Spud Date:

Rig Release Date:

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

SIGNATURE Zachary Hopkins TITLE Abandonment Engineer DATE 9/13/24

Type or print name Zach Hopkins E-mail address: zachary.hopkins@chevron.com PHONE: 432-425-8107
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

**CURRENT
WELLBORE DIAGRAM
LSAU 47**

Created:	<u>8/25/2008</u>	By:	<u>da Silva</u>	Field:	<u>Lovington</u>
Updated:	<u>9/9/2008</u>	By:	<u>CAYN</u>	Well No.:	<u>47</u>
Lease:	<u>Lovington San Andres</u>	CHEVNO:	<u>FA4957</u>	Twp/Rng:	<u>17S 36E</u>
Surf Location:	<u>1980' FSL & 1980' FWL</u>	KB:		Unit Ltr & Section:	<u>K/1</u>
BH Location:		DF:	<u>3836'</u>	API:	<u>30-025-03810</u>
County:	<u>Lea</u>	GL:		Original Spud Date:	<u>6/3/1939</u>
Current Status:	<u>Active Water Injector</u>			Original Compl. Date:	
State:	<u>NM</u>			Formation:	<u>Grayburg/San Andres</u>

Surface Csg.

Size: 13"
 Wt.: 50#/ft
 Set @: 297'
 Sxs cmt: 250
 Circ: YES
 TOC: _____
 Hole Size: 17-1/2"

Intermediate Csg. ("Salt String")

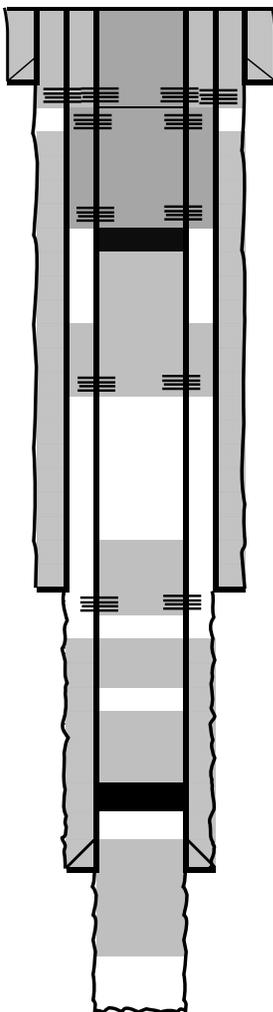
Size: 8-5/8"
 Wt.: 32#/ft
 Set @: 3104'
 Sxs Cmt: 500
 Circ: NO
 TOC: 628' **CALC**
 Hole Size: 11"

Production Csg. ("Oil String")

Size: 5-1/2"
 Wt.: 17#
 Set @: 4620'
 Sxs Cmt: 150
 Circ: _____
 TOC: 3545' **CALC**
 Hole Size: 7-7/8"

Open Hole: 4620-4944'
 Size: _____

Rustler	1,936	
Salt	2,028	
Tansil	2,870	
Seven Rivers	3,259	
Queen	3,876	
Grayburg	4,327	
San Andres	4,550	
TD	4,944	



1/10/2023: Perf @ 350', Circ all strings to surface w/ 150 sx Class C

7/16/24: Squeeze 80 oz of Nano seal. Well passing Bubble test
5/28/24: Spot 40 sx Class C f/ 330'- 0'

5/23/24: Perforate casing with gator tool at 1,431' & 411' Suicide circulate 228 sx Class C f/ 1,430' - 250' (PT, tag at 330')
1/28/24: Drill out surface plug; set CIBP @ 1,500'
1/9/2023: Spot 27 sx Class C f/ 1,887' - 1,613'

1/6/2023: Perf @ 2,028' (establish circ up int csg annulus) Circ 47 sx Class C f/ 2,028' (failed PT, no tag) Circ 100 sx Class C f/ 2,028' (failed PT, no tag)
1/9/2023: Circ 47 sx Class C f/ 2,028' (passed PT, tagged @ 1,887')

1/5/2023: Perf @ 3,104' (unable to establish injection) Spot 27 sx Class C f/ 3,204' - 2,931'

1/5/2023: Spot 27 sx Class C f/ 3,876' - 3,603'

1/5/2023: Tag packer on Coil Tbg (4,455' CTM) Spot 27 sx Class C f/ 4,455' - 4,182' (Tagged @ 4,152')

12/3/2022: Release on/off tool and LD production tbg Production packer left at 4,467'
10/12/22: Bullhead 40 sx Class C below packer Est TOC @ 4,520'

PBD: ?
 TD: 4935'



EMC Ops Summary - External (2)

Well Name LOVINGTON SAN ANDRES UNIT 047	Field Name Lovington	Lease Lovington San Andres Unit	Area Central Permian
Business Unit Mid-Continent	County/ Parish Lea	Global Metrics Region Lower 48	Surface UWI 3002503810

Basic Well Data			
Current RKB Elevation	Original RKB Elevation (ft) 3,836.00	Latitude (°) 32° 51' 36" N	Longitude (°) 103° 18' 36" W

Phases					
Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
9/12/2022 07:00	9/12/2022 12:00	PREP	FAC	5.00	
12/1/2022 07:00	12/1/2022 09:00	MOB	MOVEON		
12/2/2022 12:00	12/2/2022 15:00	ABAN	TBGPULL	1.00	
1/5/2023 09:00	1/10/2023 11:00	ABAN	CMTPLUG	34.75	
6/4/2024 12:00	9/9/2024 12:00	REST	FAC	32.00	
11/29/2023 07:00	12/1/2023 09:30	ABAN	PLGMILL	73.00	4.11

Start Date	Summary
9/12/2022	Reivew JSA and SIF, check well for pressure, 0 PSI on all 3 strings. crew hand dug risers and installed new risers. Surface and Intermedaite risers were T'ed due to plugs, production had new risers installed. Crew back filled and attempted hot bolting. Removed flow line and moved to next well.
10/13/2022	Held safety meeting with crew. R/U cement truck. PT surface lines and equipment to 1500 psi. Test was good. Performed injection test. 2.5 bpm at 1100 psi. PT BS to 500 psi for 15 mins. Test was good. Mixed and pumped 40 sks of 14.8 ppg Class C cement and displaced with 18.5 bbls. ETOC 4520'
12/2/2022	Held safety meeting with crew. spot in Rig check pressure surf. 0psi, inter. 10psi, TBG 80psi, shut down for wind
12/3/2022	Held safety meeting with crew. spot in Rig check pressure surf. 0psi, inter. 10psi, TBG 80psi, shut down for wind
12/5/2022	RU WSU // NU BOP // LD 2 3/8 IPC TBG // Conduct Bubble Test // ND BOP // Move To LSAU 48
1/5/2023	Held safety meeting with crew. MOB unit with porper journey management to LSAU 47. R/U CT and all supporting equip. PT BOP. PT well bore. TIH and tagged at 4455'. TOH. WOC. PT. Put on TCP (TP) guns and TIH to 3154'. Perf at 3154'. Unable to established injection. Pressured up to 700 psi and held. TIH and tagged TOC at 4152'. Spotted 17 bbls MLF. Spotted 27 sks of Class C from 3876' to 3603'. TOH to 3204'. Spotted 27 sks of Class C from 3204' to 2931'. TOH to surface. Shut in well secured location.
1/6/2023	Held safety meeting with crew. PT CMT plug to 500 psi. Put on TCP (TP) guns. TIH to 2028'. Perf at 2028'. Established circulation with 3 bpm at 120 psi. Circ clean. Tagged TOC at 2994'. Spotted MLF up to 2028. TOH. Pumped from surface 47 sks of Class C. ETOC 1826. WOC. Attempt to PT, began circulating. TIH and attempt to tag. No tag. Kerry Fortner approved 100 sk plug, 429' inside and out of production CSG. Pump from surface 100 sks of Class C. Displaced with 37 bbls. ETOC 1599'. Got CMT returns to surface at the end of displacement. Contacted engineer, decided to circulate out all CMT. Pumped 115 bbls of Fresh water. Pumped 115 bbls of 10 ppg brine. Shut in the well and Secure
1/9/2023	Held safety meeting with crew. Pumped from surface 47 sks of Class C cement from 2028' to 1826'. WOC. TIH and tagged TOC at 1887'. Upgraded with 27 sks of Class C to 1614'. TOH. TIH with perf guns. Shoot at 350'. Attempt to circ through surface. Getting .25 bpm.
1/10/2023	Held safety meeting with crew. RIH and perforated at 350' with DP TCP. TOH. CC with 35 bbls of 10 ppg brine water. Pumped 150 sks of Class C down the production CSG and up the both annulus to surface. CMT to surface on all 3 strings. RDMO CTU.
8/10/2023	R/U 300-psi, check pressure, prod 1-psi failed bubble test, intermediate 0-psi, passed bubble test, surface 0-psi, passed bubble test. put on proper PPE for triple SCAV, pump with hose 10-gallons of triple SCAV in production casing only, total 10-gallons of triple SCAV *****use caution when cutting well head off *****
8/18/2023	Check well. Test Well
9/16/2023	No gas on location. No gas in well all strings. All string bubbling Failed
11/25/2023	N/U Screw on flange and 7 1/6 5K Frac Vavle.
11/29/2023	Inspect equipment, RU equipment, Wait on crane, RU crane, NU spool, NU BOP, MU lubricator & injection head,
11/30/2023	Change out lubricator, Disp. CT, Test BOP, Test CT connector, MU 2.88 power motor, Drill out broke through @355', RIH tag TOC @1511', CC 40 bbl, POOH, Pressure test, RD, Debrief.
12/1/2023	ND BOP, Load equipment,
12/2/2023	N/D 7 1/6 5K Frac Vavle.
12/23/2023	JSA SWC SIF Bubble test well had 30 PSI and Gas Readings 0 PSI and no gas reading on Intermediate and Surface Casing. MIRU Crane Wireline Unit and PUMP Truck. RIH with 2.75 CBL Toll tagged 1511'. Logged up with 0 PSI on Casing. RIH to 1511' Pressured up Casing to 500 PSI had water come around wellhead POOH. RDMO.
12/28/2023	MIRU NINE EL Wireline unit.
1/28/2024	Held S/M, Sniff well, MIRU NINE Energy EL wireline unit. Check PSI. SIICP @ 15 PSI. SISCP @ 15 PSI. Hook up hose from surface casing to return tank. WSI N/D 7-1/16 B-1 top flange. N/U 7-5 Shooting flange. RIH With CIBP & Set @ 1,500'. H2o Level @ 1'. POOH, RDMO NINE EL wireline unit. R/U WSI Tester to 9-5/8" casing & Test to 500 PSI for 15 MIN. Slight bleed off, Larken flange was leaking some also. Bleed off to return tank. R/D 7-1/16"-5K Shooting flange & N/U 7-1/16" B-1 flange. Bubble test. Production casing bubbling with gas readings. 20 % Co2 & 6 % LEL. Left needle valve open on each string to vent. Per Engineer. Debrief Crew. EOT.
2/10/2024	Bubble test. All valves were open on arrival. Sniff well. Production casing bubbling with gas readings. 5 % Co2 & 4 % LEL Surface csg passed. Intermediate passed.
5/22/2024	Move from Twin lakes 16 to LASU 47 Held safety meeting, check pressure. (0 psi)
5/23/2024	Held safety meeting, check pressure. (0 psi) ND WH NU BOP TIH Perf at 1430', 410' TOH TIH W/PKR set at 440' circulate clean laydown excess tubing set PKR at 440'
5/24/2024	Held safety meeting, check pressure. (0 psi) MIRU Petroplex cementers pump 228 sacks class C cement w/ MAGOX at 1430'-250' TOH WOC
5/28/2024	Held safety meeting, check pressure. (0 psi) TIH tag TOC at 330' Pump 40 sacks C cement 1.32 yeild 14.8 PPG at 330'-0' TOH WOC TAG TOC at 0' RD
6/4/2024	Review JSA, check well for pressure, blind sweep and remove anchors, excavate and found rock, broke out rock to 3 feet and checked casing head, got readings from intermediate, checked well again, panelled well.
7/12/2024	Reviewed JSA, check well for readings and bubble test, cut well head off, welded swedge, hydro tested, hydro test failed casing underground leaking, paneled bell hole off.
7/16/2024	Held Safety Meeting. Well Open Venting upon Arrival. Meter top of 2" Ball Valve. No Gas Readings Present. Flow Check . R/U 300 Psi Pumping Equip. Top off Well with H2O. Attempt Pressure Test. Pumping Away @ 0 Psi. Bubbles Present. Pull H2O From Well with Vacume Pump. Pour in 1 Gallon Nano Seal. Start Hesitation Squeeze Operations. Total Nano Seal Pumped today 72 oz . Build up Final Shut in Pressure 1000 Psi. Secure Well.
7/17/2024	Held Safety Meeting. Well had 0 psi. pumped up to 1000 psi. Hesitation Squeeze Operations. Total Nano Seal Pumped today 8 oz . Build up Final Shut in Pressure 1000 Psi. Secure Well.
9/9/2024	Tailgate meeting, check well for readings, blind sweep location, removed anchors, welded pole, restored location and well.



Nine

**RADIAL CEMENT BOND LOG
WITH GAMMA RAY/CCL**

Company CHEVRON
Well LOVINGTON SAN ANDRES UNIT #47
Field LOVINGTON
County LEA
State NM

Company CHEVRON
Well LOVINGTON SAN ANDRES UNIT #47
Field LOVINGTON
County LEA State NM

Location: API #: 30-025-03810
1,980' FSL & 1,980' FWL
SEC 1 TWP 17S RGE 36E
Permanent Datum GROUND LEVEL Elevation
Log Measured From GROUND LEVEL
Drilling Measured From
Other Services NONE
Elevation K.B. N/A
D.F. N/A
G.L. N/A

Date	23-DEC-2023		
Run Number	ONE		
Depth Driller	N/A		
Depth Logger	1,564'		
Bottom Logged Interval	1,561'		
Top Log Interval	20'		
Open Hole Size	11.5"		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	SEE LOG		
Time Well Ready	ROA		
Time Logger on Bottom	10:00		
Equipment Number	129		
Location	MIDLAND, TX		
Recorded By	JASON ROBINSON		
Witnessed By	MR. JOSH THOMAS		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record			
String	Size	Mgt/Ft	Top
Surface String	13.000"	50 #	SURFACE
Production String	8.625"	32 #	SURFACE
	5.500"	17 #	SURFACE

<<< 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

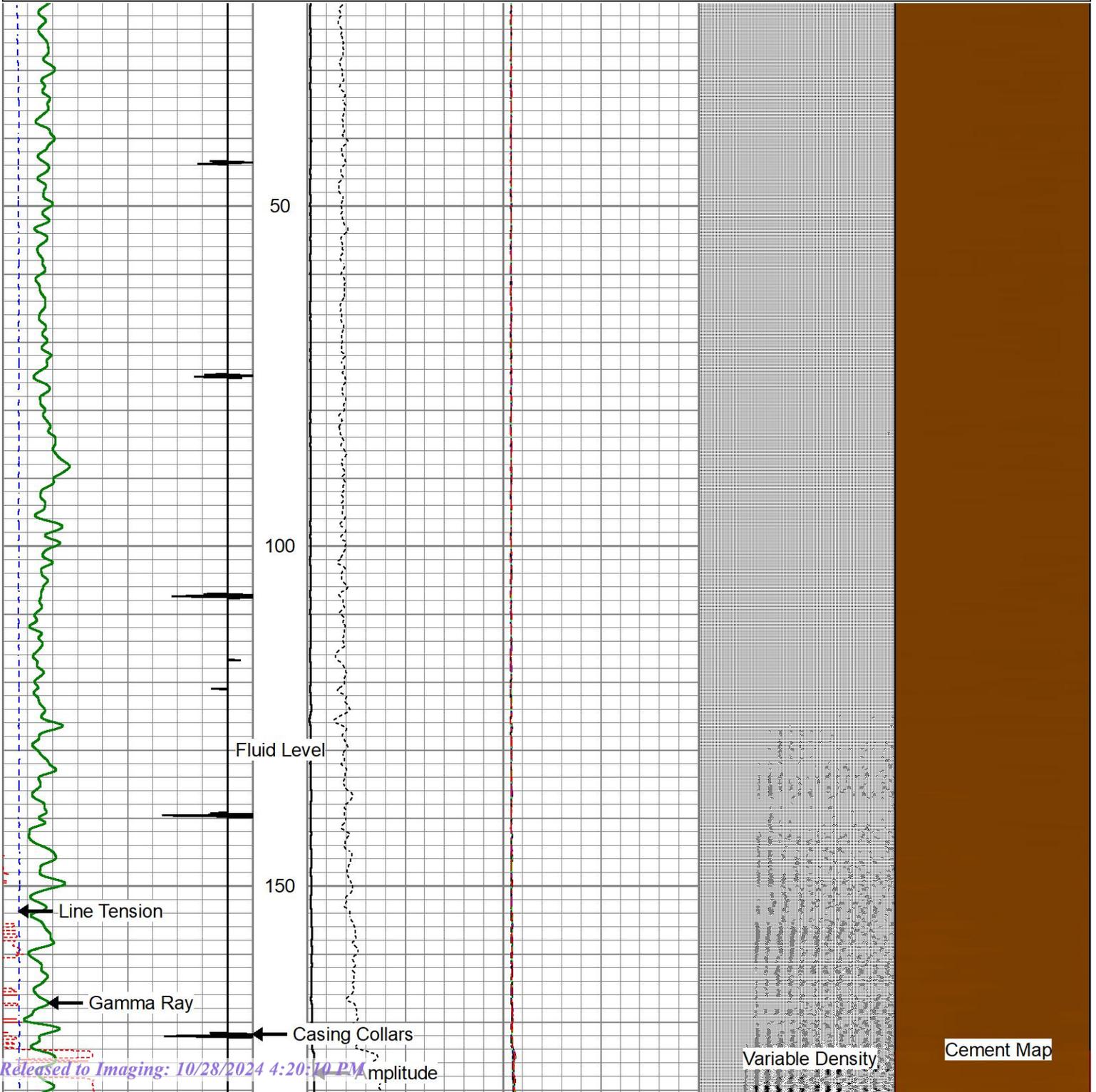
LOG MEASURED FROM GROUND LEVEL PER CUSTOMER REQUEST
LOGGED 5.5" CASING
FREE PIPE AMPLITUDE: 71.9 mV

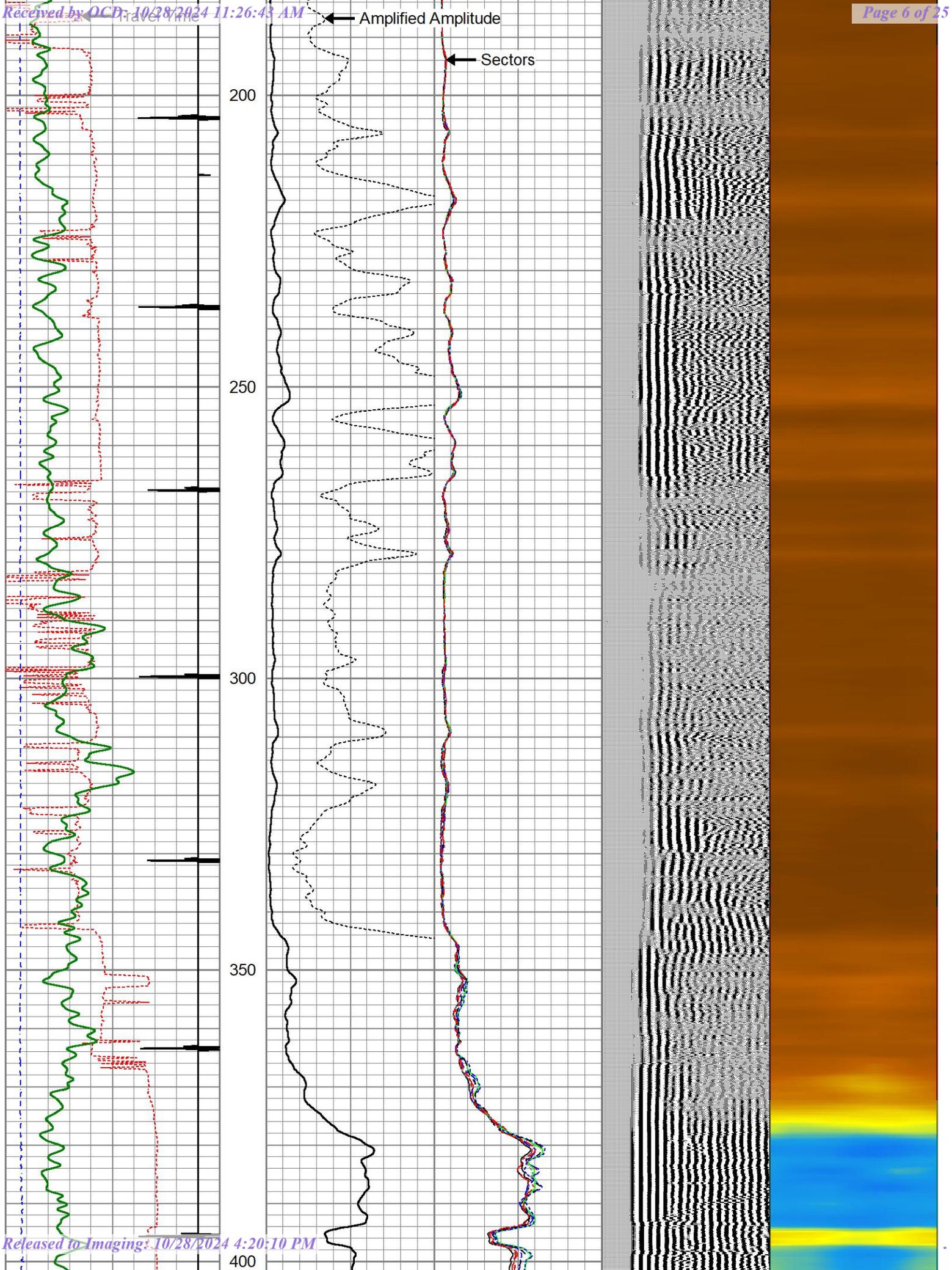
THANK YOU FOR USING NINE ENERGY SERVICE

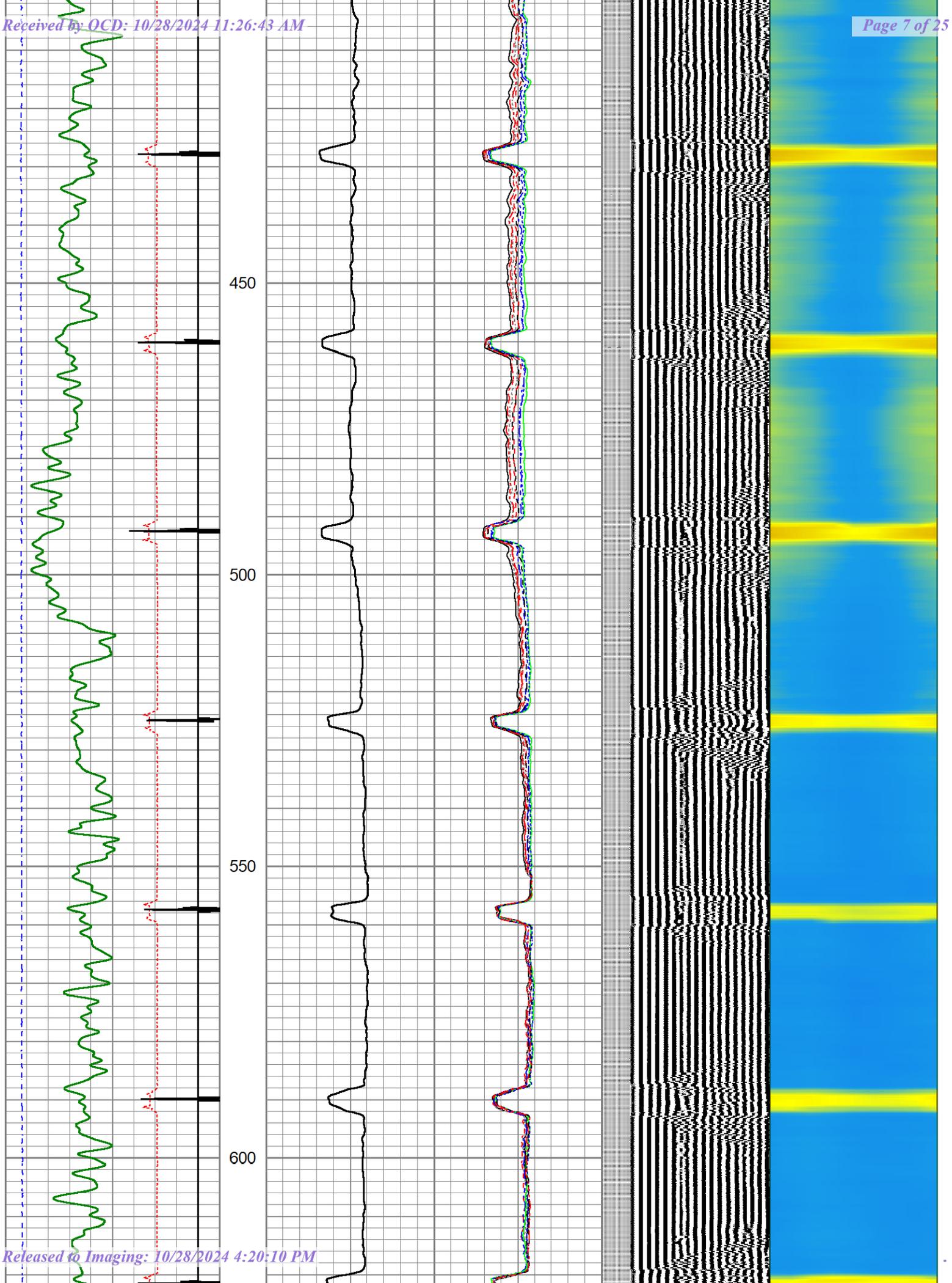


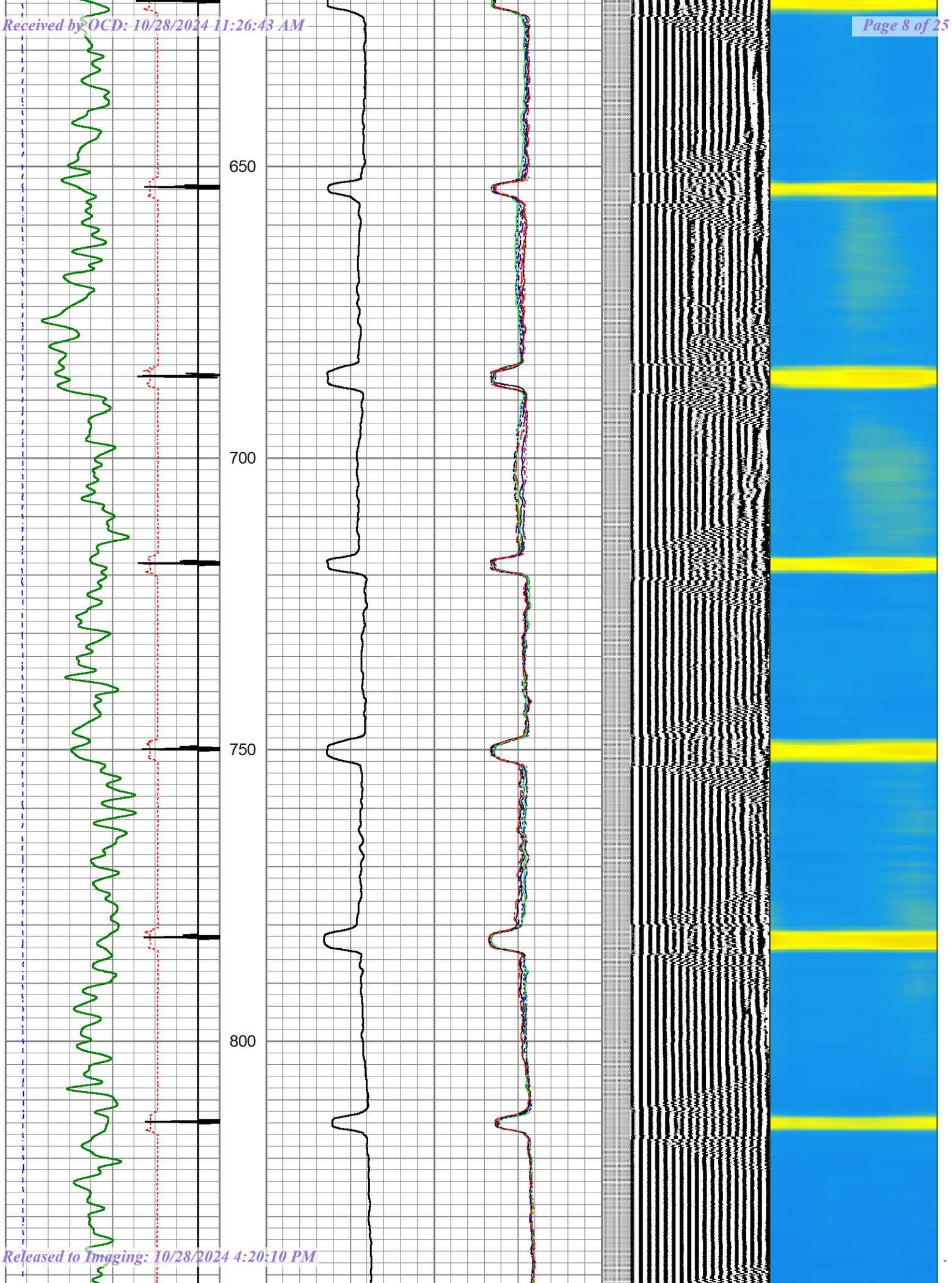
MAIN PASS
LOGGED WITH 0 PSI

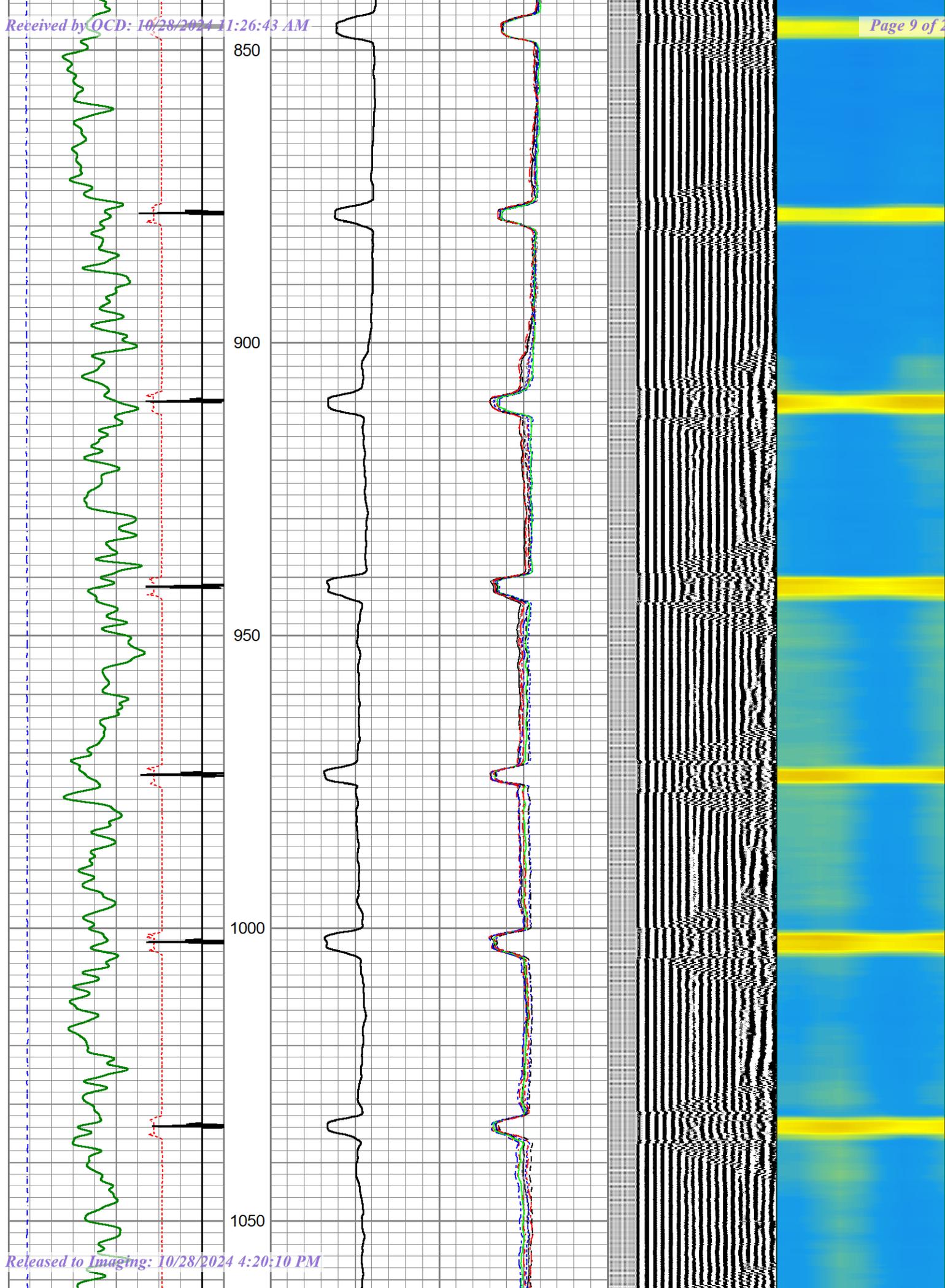
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9	CCL\$1	-1	Amplified Amplitude		-5	Sector 2	150	200	(usec)	1200		
0	Gamma Ray (GAPI)	150	0	(mV)	10	-5	Sector 3	150				
0	Line Tension (lb)	5000			-5	Sector 4	150					
					-5	Sector 5	150					
					-5	Sector 6	150					
					-5	Sector 7	150					
					-5	Sector 8	150					

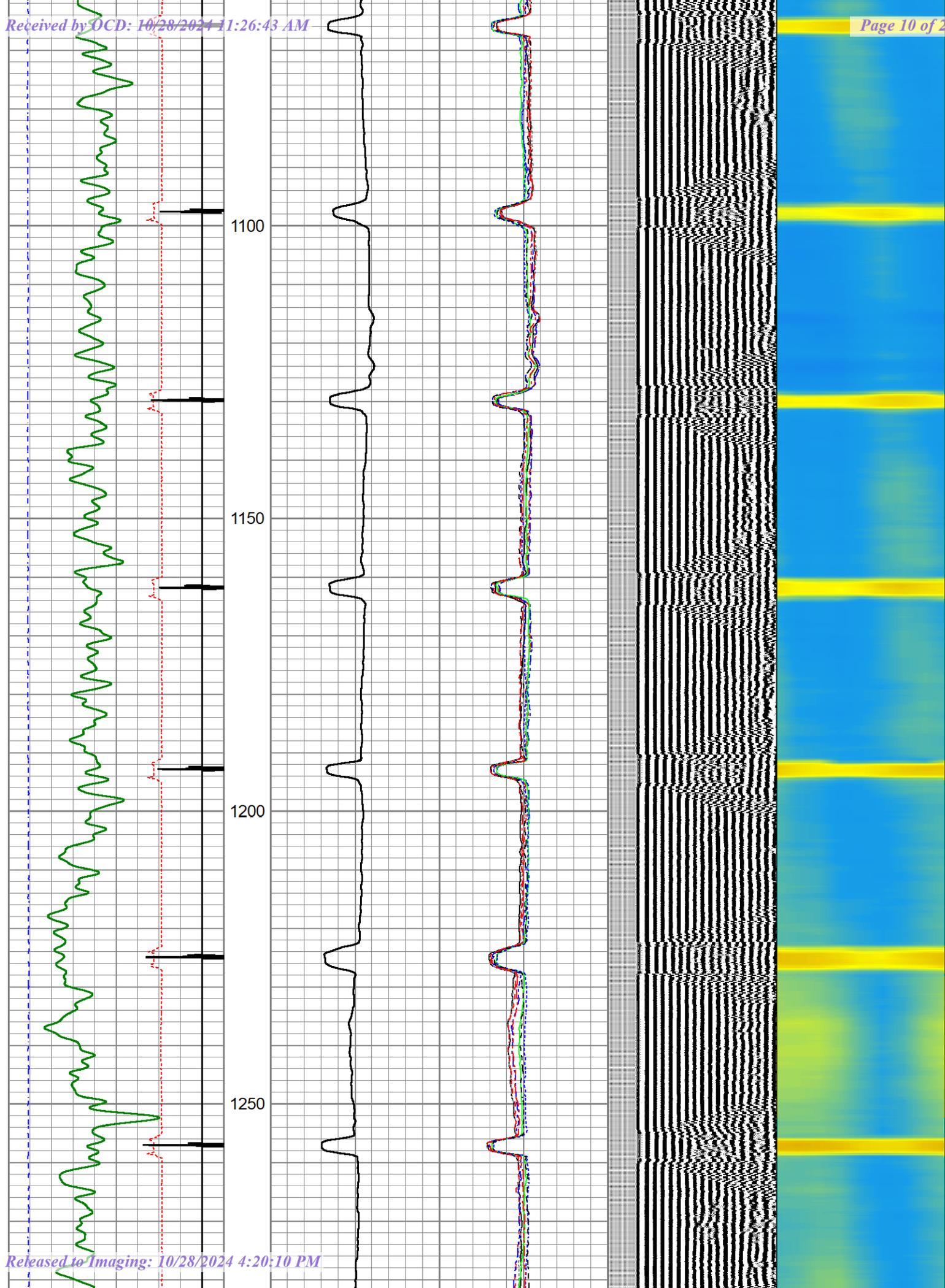


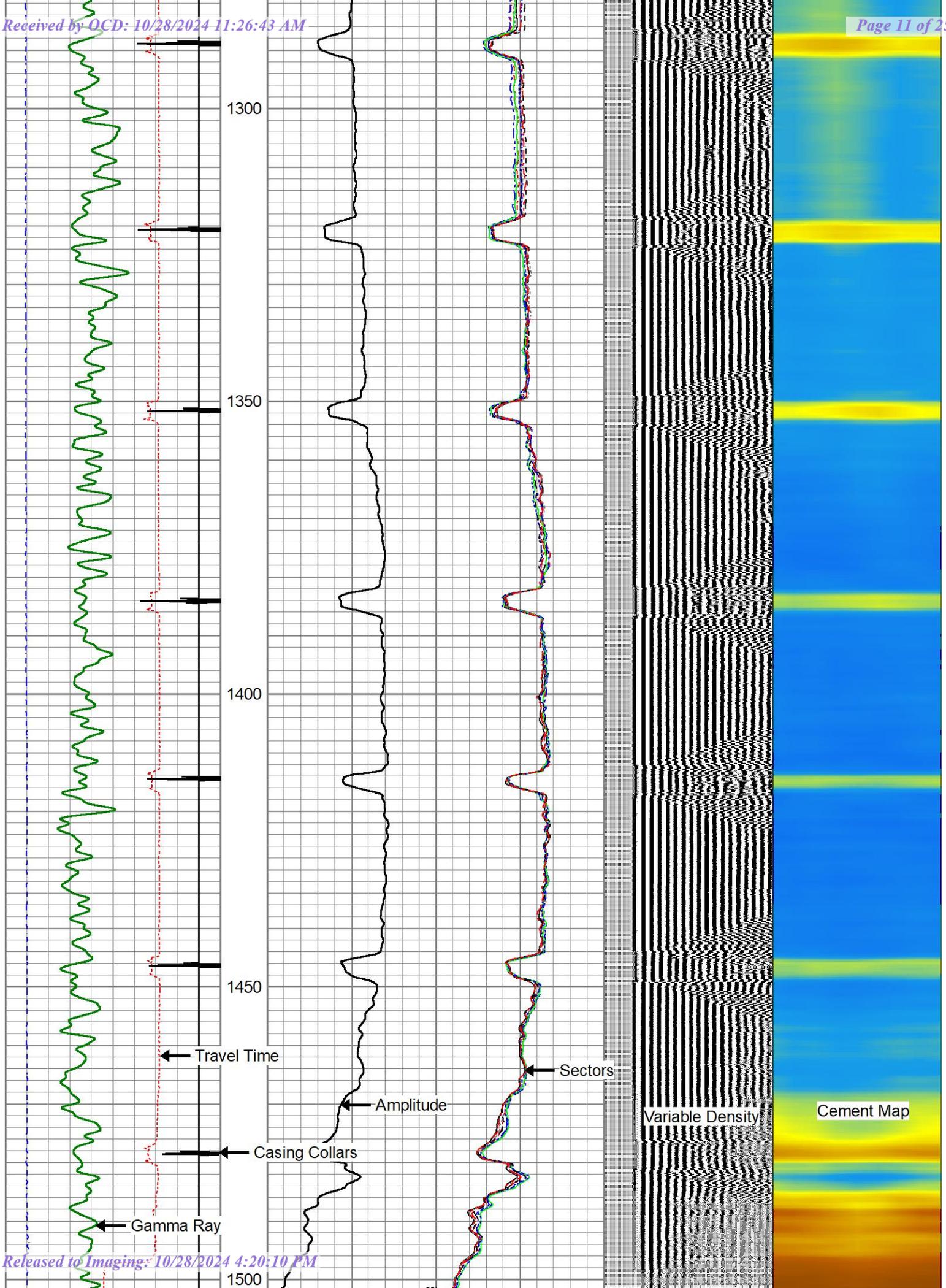


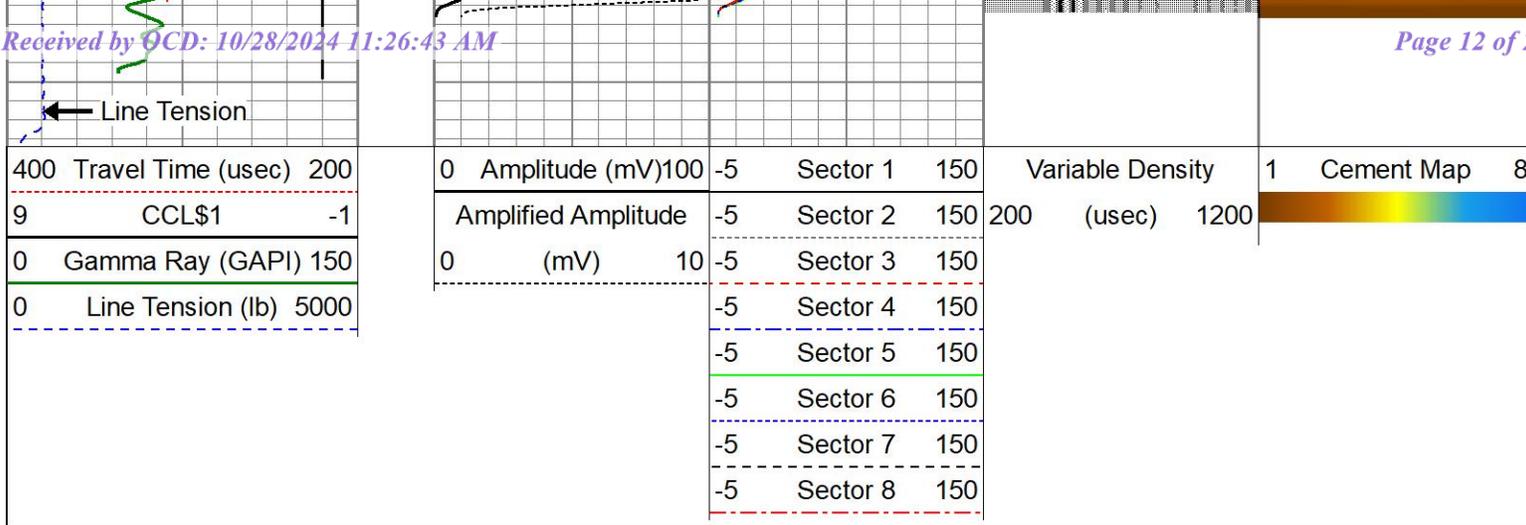








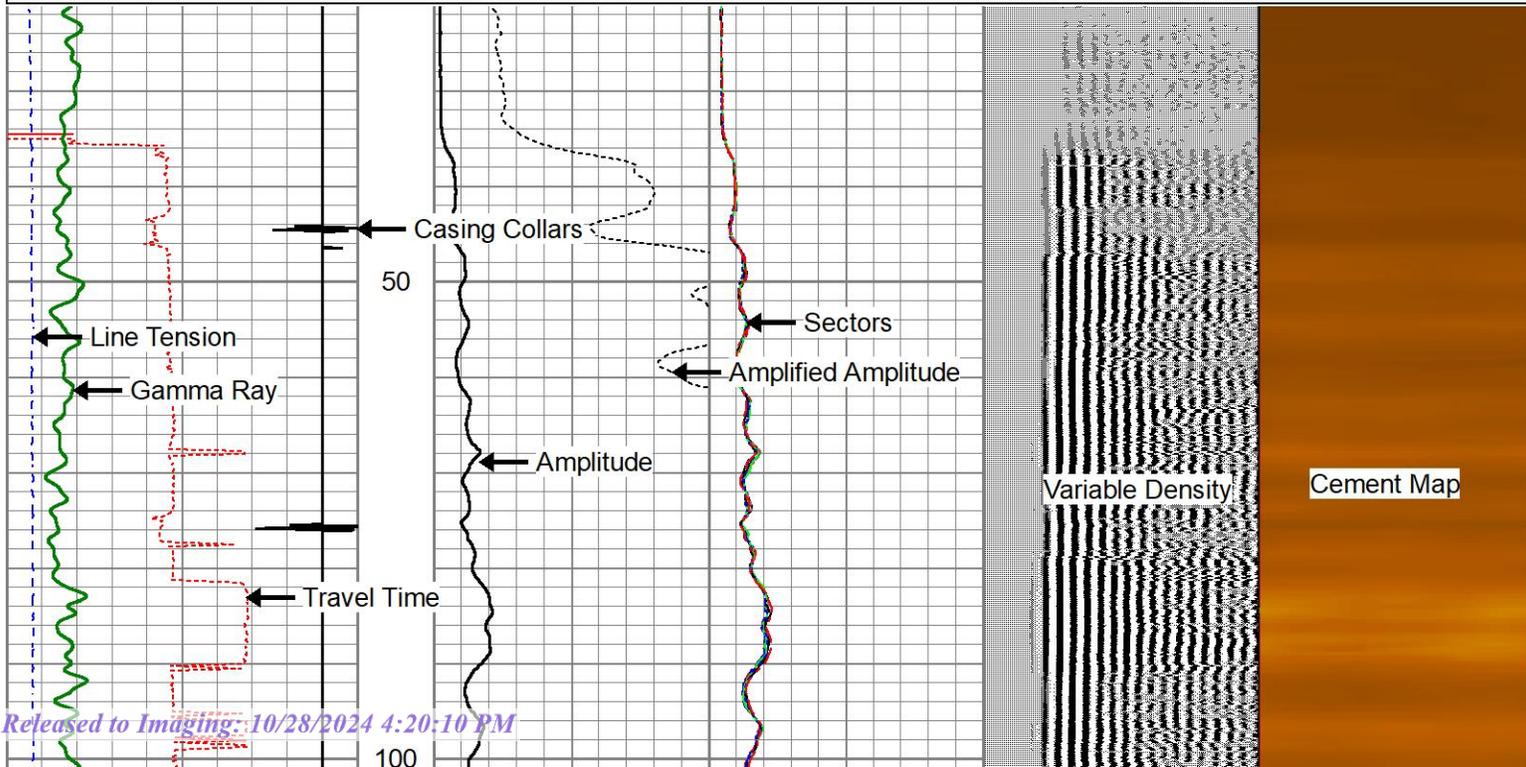
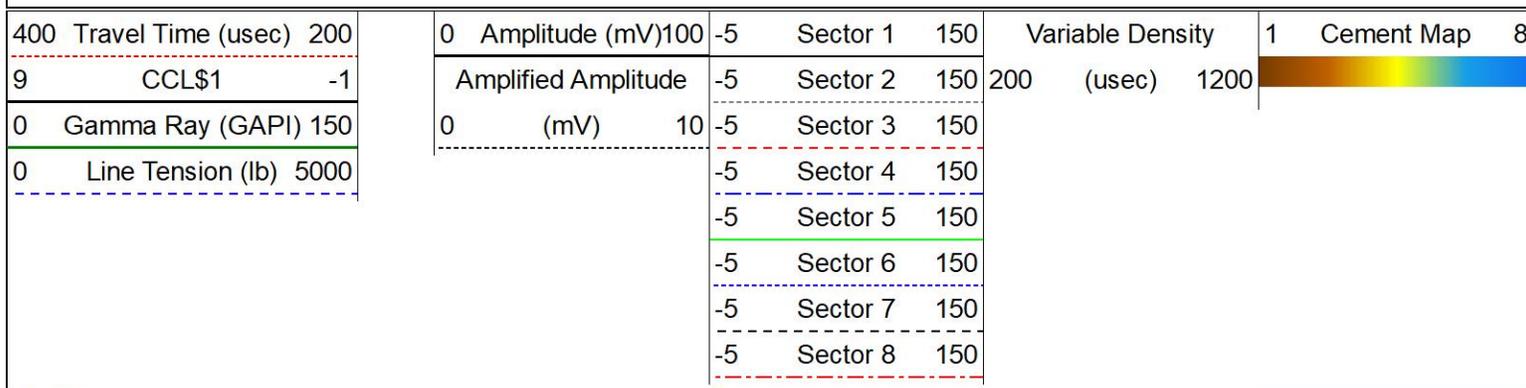


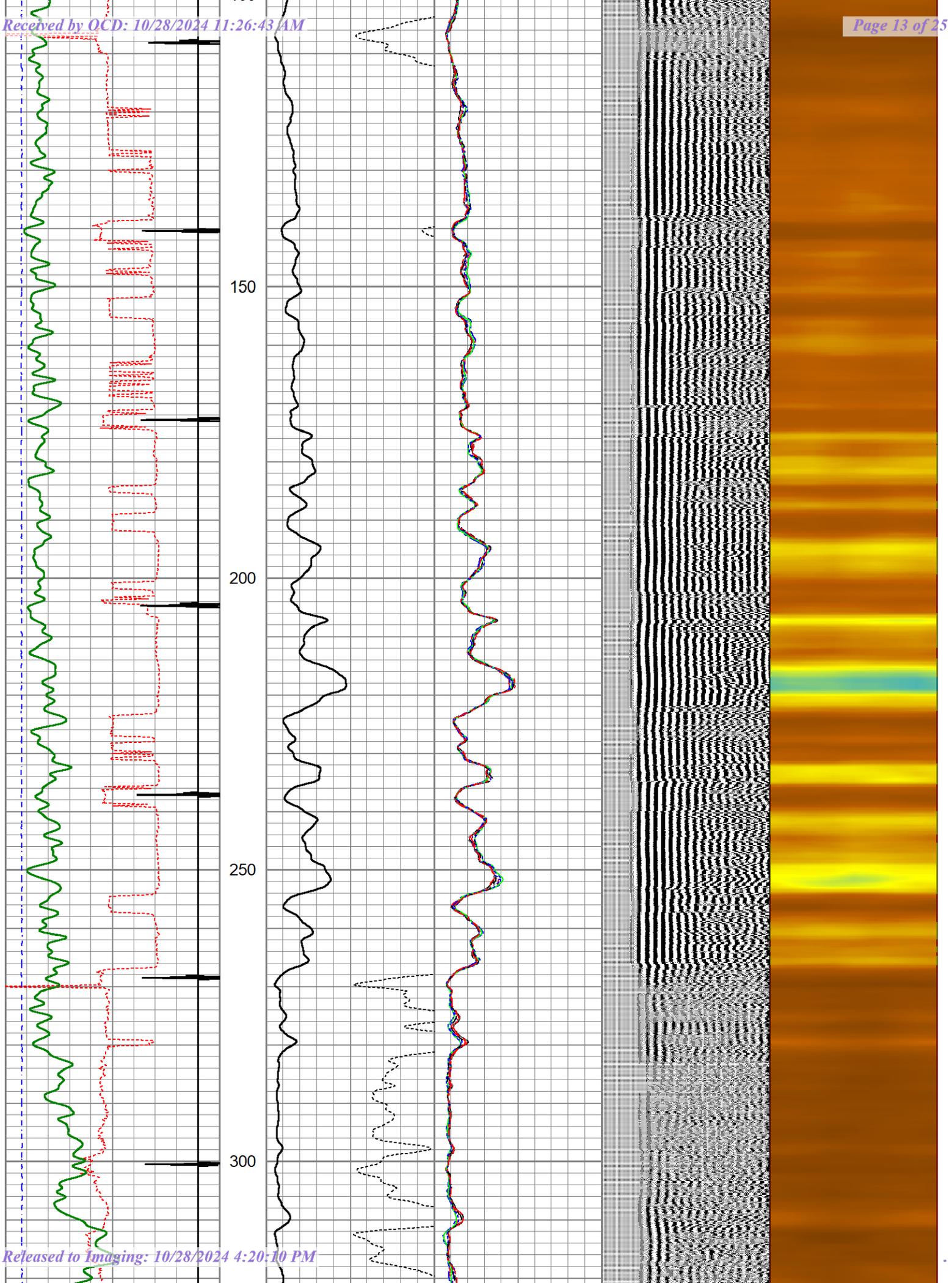


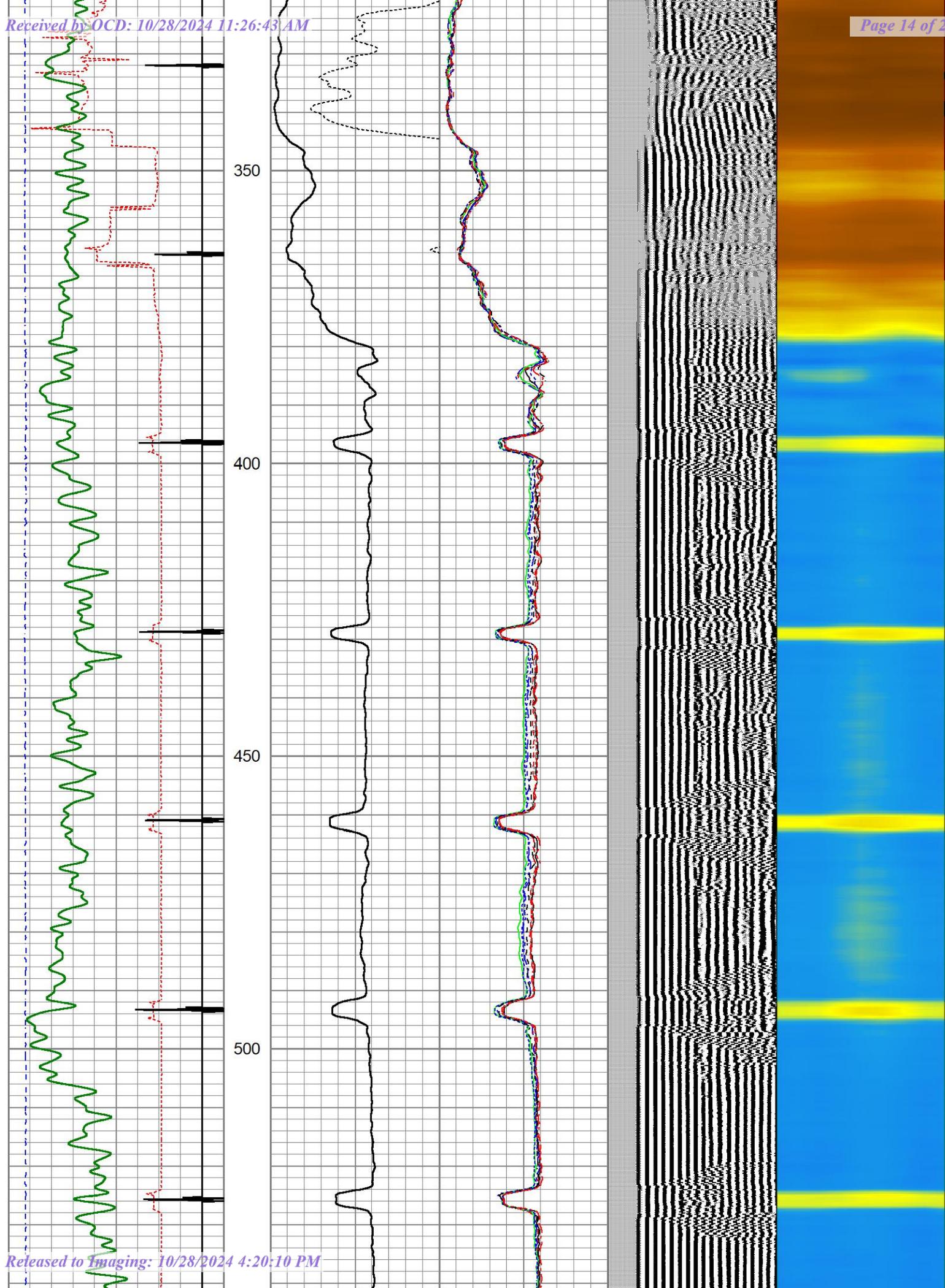
MAIN PASS

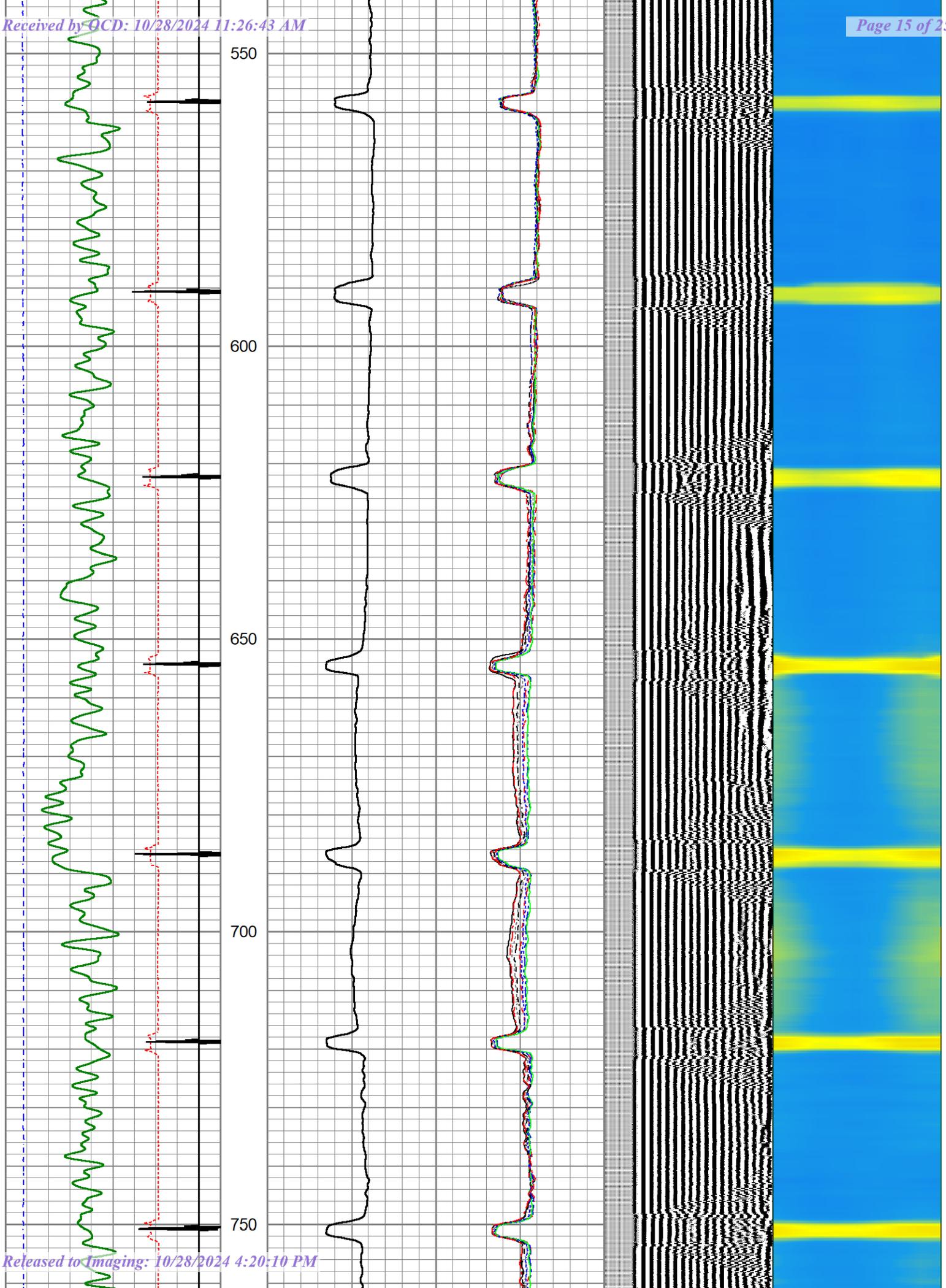
LOGGED WITH 500 PSI

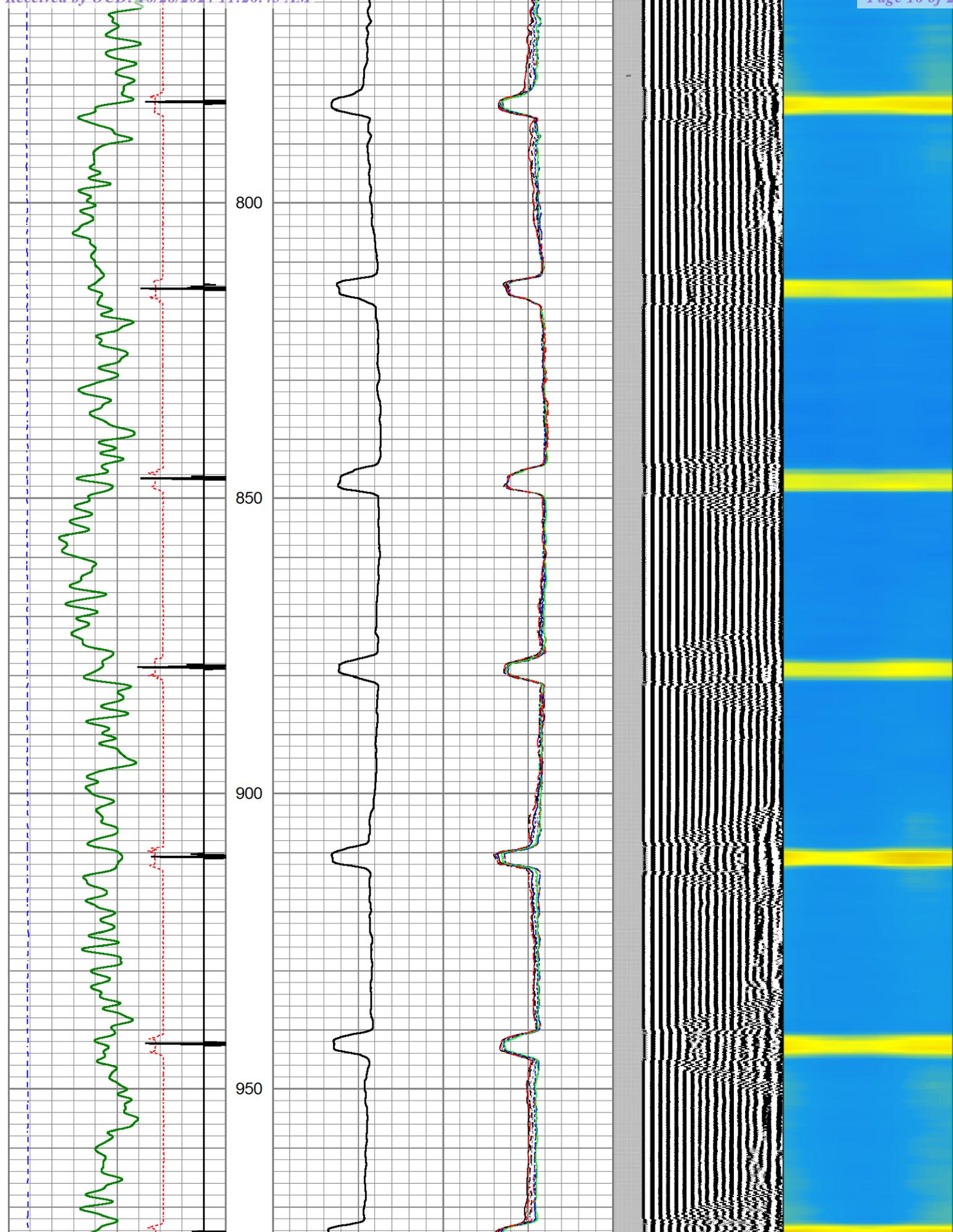
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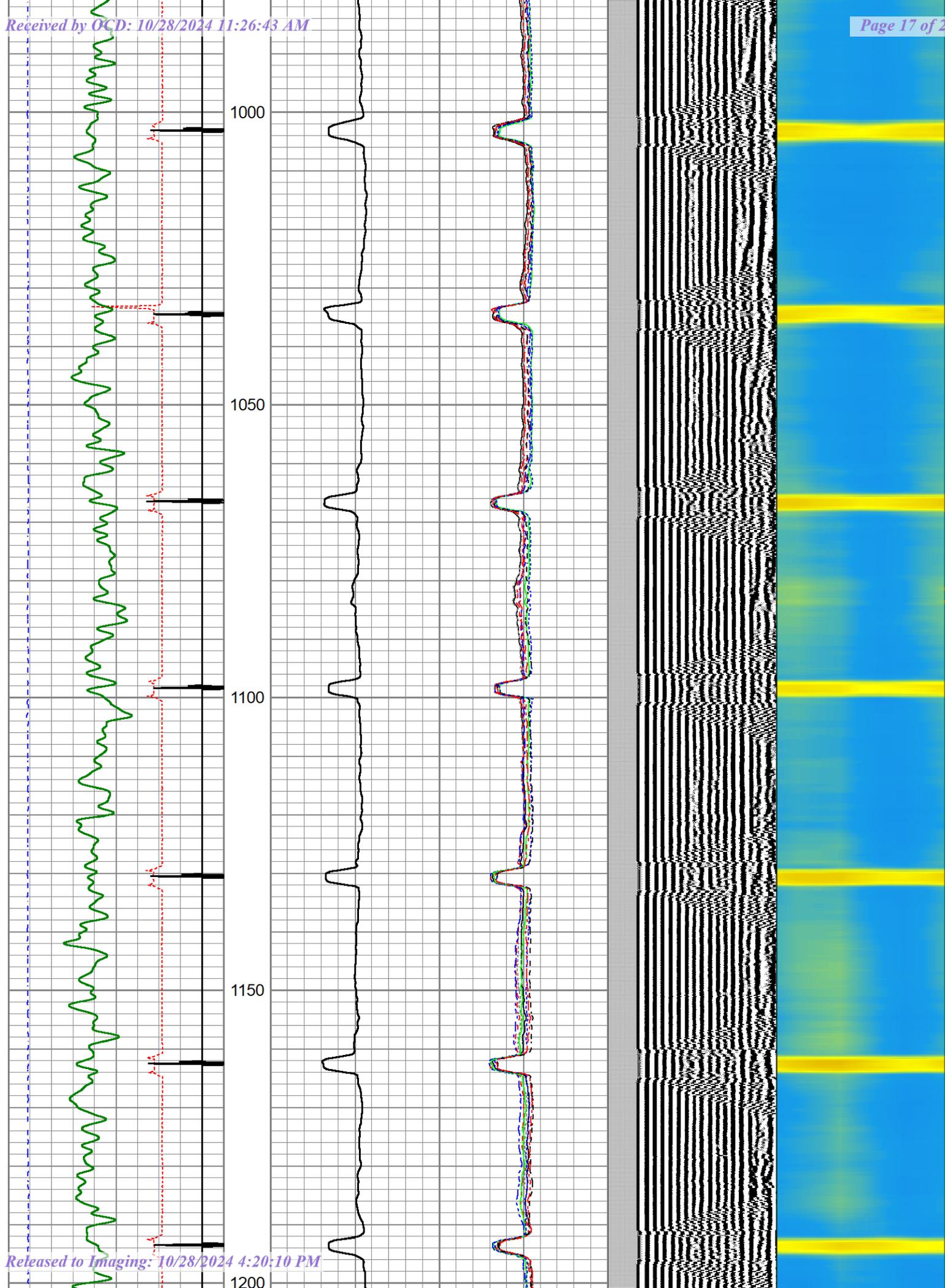


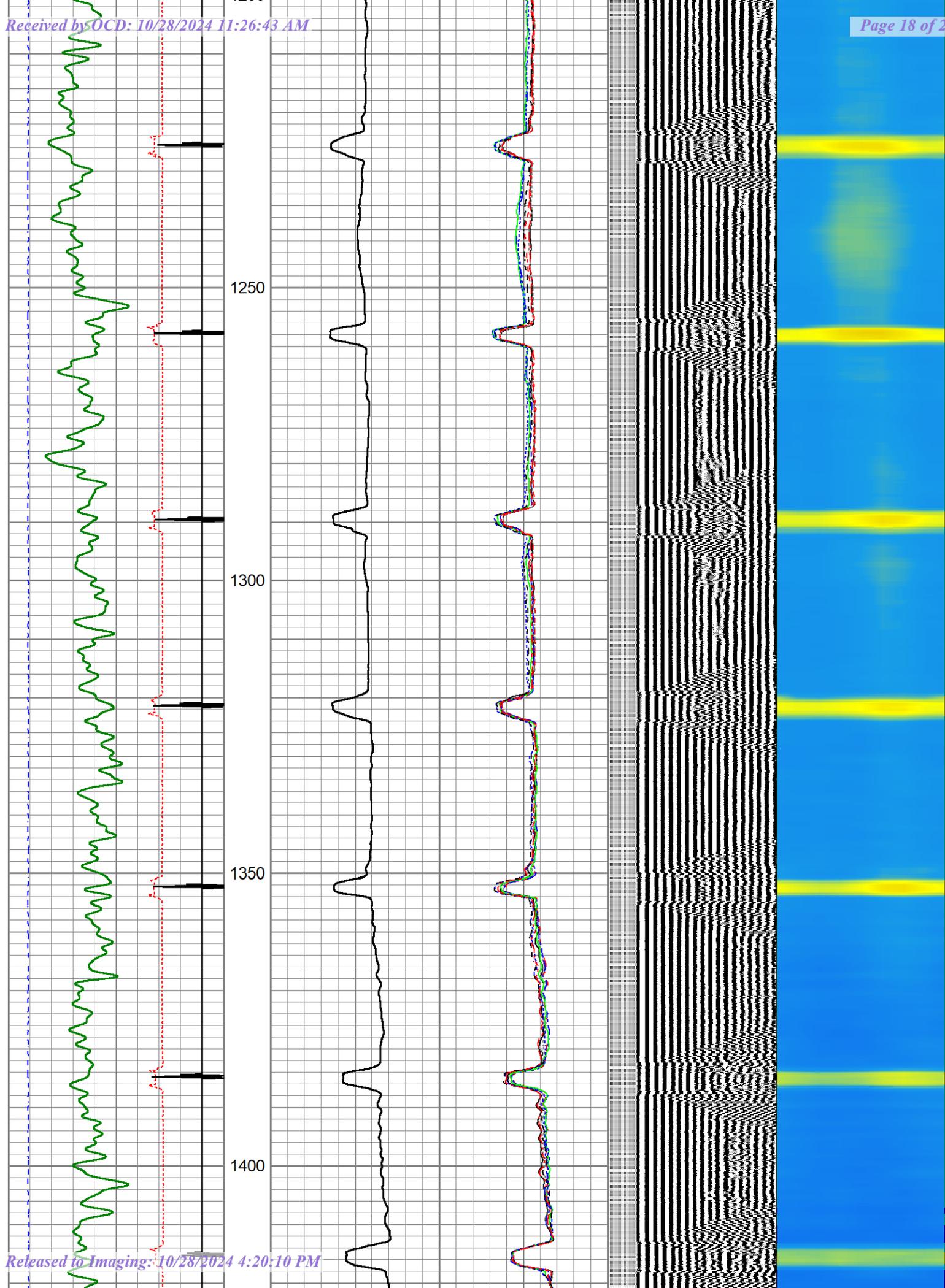


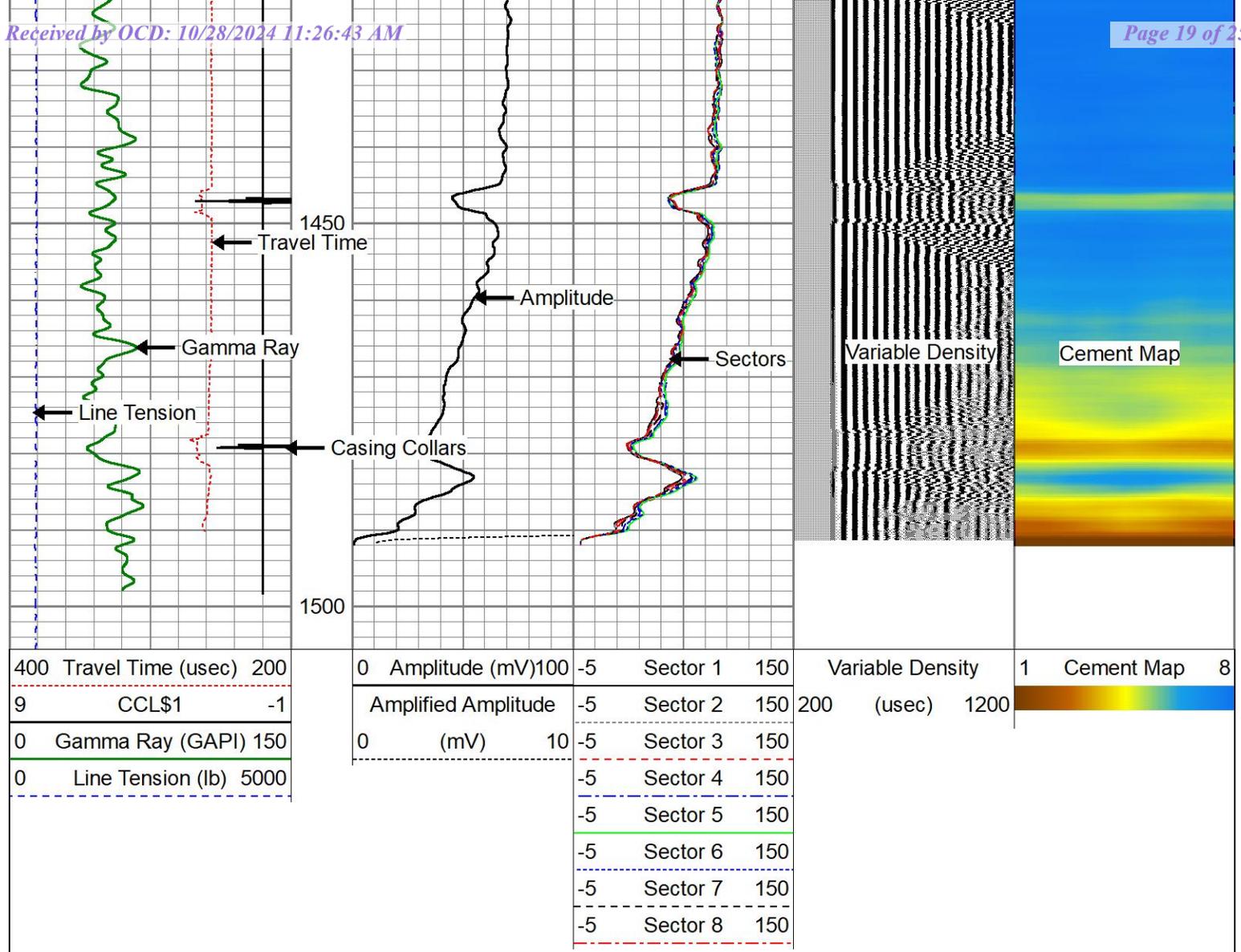












Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
mSec_Count	26.32		Cable_Heads-1_44Titan_CableHead	1.03	1.44	3.60
RBT_Status	26.32		1 7/16" Titan Cable Head (Max Tension 42,000 lbf) 1" Fish Neck			
Error_Ct	26.32					
			CENT-Probe275	2.88	2.75	20.00
RBT_HV	22.41		2.75" Centralizer			
RBT_Temp	17.16					
			RBT8-HTRCB-275T (1302-125)	11.65	2.75	
			Probe 2.75" High Temperature RADII 8 Sector Bond Tool w/ external temperature			
RBT_ACCZ	15.01					

AFTER SURVEY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: 1302-125
 Tool Model: HTRCB-275T

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 236.717 ft

Master Calibration, performed Sat Dec 23 11:02:06 2023:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	0.772	1.000	71.921	92.649	0.370
CAL	0.008	0.759				
5'	0.006	0.620	1.000	71.921	115.483	0.322
SUM						
S1	0.008	0.766	0.000	100.000	131.823	-1.017
S2	0.008	0.763	0.000	100.000	132.304	-0.998
S3	0.008	0.760	0.000	100.000	132.952	-1.078
S4	0.008	0.749	0.000	100.000	134.990	-1.073
S5	0.009	0.748	0.000	100.000	135.275	-1.172
S6	0.008	0.756	0.000	100.000	133.599	-1.027
S7	0.008	0.757	0.000	100.000	133.477	-1.088
S8	0.008	0.768	0.000	100.000	131.533	-1.020

Internal Reference Calibration, performed Sat Dec 23 11:00:16 2023:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.008	0.759	1.000	0.000

Air Zero Calibration, performed Sat Dec 23 11:05:09 2023:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.009		0.000		-0.002	
5'	0.010		0.000		-0.004	
SUM						
S1	0.009		0.000		-0.001	
S2	0.008		0.000		-0.001	
S3	0.008		0.000		-0.000	
S4	0.009		0.000		-0.001	
S5	0.008		0.000		0.000	
S6	0.009		0.000		-0.001	
S7	0.009		0.000		-0.000	
S8	0.009		0.000		-0.001	

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

	Company	CHEVRON	
	Well	LOVINGTON SAN ANDRES UNIT #47	
	Field	LOVINGTON	
	County	LEA	
	State	NM	Country USA



EMC Ops Summary - External (2)

Well Name LOVINGTON SAN ANDRES UNIT 047	Field Name Lovington	Lease Lovington San Andres Unit	Area Central Permian
Business Unit Mid-Continent	County/ Parish Lea	Global Metrics Region Lower 48	Surface UWI 3002503810

Basic Well Data			
Current RKB Elevation	Original RKB Elevation (ft) 3,836.00	Latitude (°) 32° 51' 36" N	Longitude (°) 103° 18' 36" W

Phases					
Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
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12/1/2022 07:00	12/1/2022 09:00	MOB	MOVEON		
12/2/2022 12:00	12/2/2022 15:00	ABAN	TBGPULL	1.00	
1/5/2023 09:00	1/10/2023 11:00	ABAN	CMTPLUG	34.75	
6/4/2024 12:00	9/9/2024 12:00	REST	FAC	32.00	
11/29/2023 07:00	12/1/2023 09:30	ABAN	PLGMILL	73.00	4.11

Start Date	Summary
9/12/2022	Reivew JSA and SIF, check well for pressure, 0 PSI on all 3 strings. crew hand dug risers and installed new risers. Surface and Intermedaite risers were T'ed due to plugs, production had new risers installed. Crew back filled and attempted hot bolting. Removed flow line and moved to next well.
10/13/2022	Held safety meeting with crew. R/U cement truck. PT surface lines and equipment to 1500 psi. Test was good. Performed injection test. 2.5 bpm at 1100 psi. PT BS to 500 psi for 15 mins. Test was good. Mixed and pumped 40 sks of 14.8 ppg Class C cement and displaced with 18.5 bbls. ETOC 4520'
12/2/2022	Held safety meeting with crew. spot in Rig check pressure surf. 0psi, inter. 10psi, TBG 80psi, shut down for wind
12/3/2022	Held safety meeting with crew. spot in Rig check pressure surf. 0psi, inter. 10psi, TBG 80psi, shut down for wind
12/5/2022	RU WSU // NU BOP // LD 2 3/8 IPC TBG // Conduct Bubble Test // ND BOP // Move To LSAU 48
1/5/2023	Held safety meeting with crew. MOB unit with porper journey management to LSAU 47. R/U CT and all supporting equip. PT BOP. PT well bore. TIH and tagged at 4455'. TOH. WOC. PT. Put on TCP (TP) guns and TIH to 3154'. Perf at 3154'. Unable to established injection. Pressured up to 700 psi and held. TIH and tagged TOC at 4152'. Spotted 17 bbls MLF. Spotted 27 sks of Class C from 3876' to 3603'. TOH to 3204'. Spotted 27 sks of Class C from 3204' to 2931'. TOH to surface. Shut in well secured location.
1/6/2023	Held safety meeting with crew. PT CMT plug to 500 psi. Put on TCP (TP) guns. TIH to 2028'. Perf at 2028'. Established circulation with 3 bpm at 120 psi. Circ clean. Tagged TOC at 2994'. Spotted MLF up to 2028. TOH. Pumped from surface 47 sks of Class C. ETOC 1826. WOC. Attempt to PT, began circulating. TIH and attempt to tag. No tag. Kerry Fortner approved 100 sk plug, 429' inside and out of production CSG. Pump from surface 100 sks of Class C. Displaced with 37 bbls. ETOC 1599'. Got CMT returns to surface at the end of displacement. Contacted engineer, decided to circulate out all CMT. Pumped 115 bbls of Fresh water. Pumped 115 bbls of 10 ppg brine. Shut in the well and Secure
1/9/2023	Held safety meeting with crew. Pumped from surface 47 sks of Class C cement from 2028' to 1826'. WOC. TIH and tagged TOC at 1887'. Upgraded with 27 sks of Class C to 1614'. TOH. TIH with perf guns. Shoot at 350'. Attempt to circ through surface. Getting .25 bpm.
1/10/2023	Held safety meeting with crew. RIH and perforated at 350' with DP TCP. TOH. CC with 35 bbls of 10 ppg brine water. Pumped 150 sks of Class C down the production CSG and up the both annulus to surface. CMT to surface on all 3 strings. RDMO CTU.
8/10/2023	R/U 300-psi, check pressure, prod 1-psi failed bubble test, intermediate 0-psi, passed bubble test, surface 0-psi, passed bubble test. put on proper PPE for triple SCAV, pump with hose 10-gallons of triple SCAV in production casing only, total 10-gallons of triple SCAV *****use caution when cutting well head off *****
8/18/2023	Check well. Test Well
9/16/2023	No gas on location. No gas in well all strings. All string bubbling Failed
11/25/2023	N/U Screw on flange and 7 1/6 5K Frac Vavle.
11/29/2023	Inspect equipment, RU equipment, Wait on crane, RU crane, NU spool, NU BOP, MU lubricator & injection head,
11/30/2023	Change out lubricator, Disp. CT, Test BOP, Test CT connector, MU 2.88 power motor, Drill out broke through @355', RIH tag TOC @1511', CC 40 bbl, POOH, Pressure test, RD, Debrief.
12/1/2023	ND BOP, Load equipment,
12/2/2023	N/D 7 1/6 5K Frac Vavle.
12/23/2023	JSA SWC SIF Bubble test well had 30 PSI and Gas Readings 0 PSI and no gas reading on Intermediate and Surface Casing. MIRU Crane Wireline Unit and PUMP Truck. RIH with 2.75 CBL Toll tagged 1511'. Logged up with 0 PSI on Casing. RIH to 1511' Pressured up Casing to 500 PSI had water come around wellhead POOH. RDMO.
12/28/2023	MIRU NINE EL Wireline unit.
1/28/2024	Held S/M, Sniff well, MIRU NINE Energy EL wireline unit. Check PSI. SIICP @ 15 PSI. SISCP @ 15 PSI. Hook up hose from surface casing to return tank. WSI N/D 7-1/16 B-1 top flange. N/U 7-5 Shooting flange. RIH With CIBP & Set @ 1,500'. H2o Level @ 1'. POOH, RDMO NINE EL wireline unit. R/U WSI Tester to 9-5/8" casing & Test to 500 PSI for 15 MIN. Slight bleed off, Larken flange was leaking some also. Bleed off to return tank. R/D 7-1/16"-5K Shooting flange & N/U 7-1/16" B-1 flange. Bubble test. Production casing bubbling with gas readings. 20 % Co2 & 6 % LEL. Left needle valve open on each string to vent. Per Engineer. Debrief Crew. EOT.
2/10/2024	Bubble test. All valves were open on arrival. Sniff well. Production casing bubbling with gas readings. 5 % Co2 & 4 % LEL Surface csg passed. Intermediate passed.
5/22/2024	Move from Twin lakes 16 to LASU 47 Held safety meeting, check pressure. (0 psi)
5/23/2024	Held safety meeting, check pressure. (0 psi) ND WH NU BOP TIH Perf at 1430', 410' TOH TIH W/PKR set at 440' circulate clean laydown excess tubing set PKR at 440'
5/24/2024	Held safety meeting, check pressure. (0 psi) MIRU Petroplex cementers pump 228 sacks class C cement w/ MAGOX at 1430'-250' TOH WOC
5/28/2024	Held safety meeting, check pressure. (0 psi) TIH tag TOC at 330' Pump 40 sacks C cement 1.32 yeild 14.8 PPG at 330'-0' TOH WOC TAG TOC at 0' RD
6/4/2024	Review JSA, check well for pressure, blind sweep and remove anchors, excavate and found rock, broke out rock to 3 feet and checked casing head, got readings from intermediate, checked well again, panelled well.
7/12/2024	Reviewed JSA, check well for readings and bubble test, cut well head off, welded swedge, hydro tested, hydro test failed casing underground leaking, paneled bell hole off.
7/16/2024	Held Safety Meeting. Well Open Venting upon Arrival. Meter top of 2" Ball Valve. No Gas Readings Present. Flow Check . R/U 300 Psi Pumping Equip. Top off Well with H2O. Attempt Pressure Test. Pumping Away @ 0 Psi. Bubbles Present. Pull H2O From Well with Vacume Pump. Pour in 1 Gallon Nano Seal. Start Hesitation Squeeze Operations. Total Nano Seal Pumped today 72 oz . Build up Final Shut in Pressure 1000 Psi. Secure Well.
7/17/2024	Held Safety Meeting. Well had 0 psi. pumped up to 1000 psi. Hesitation Squeeze Operations. Total Nano Seal Pumped today 8 oz . Build up Final Shut in Pressure 1000 Psi. Secure Well.
9/9/2024	Tailgate meeting, check well for readings, blind sweep location, removed anchors, welded pole, restored location and well.

**CURRENT
WELLBORE DIAGRAM
LSAU 47**

Created: <u>8/25/2008</u>	By: <u>da Silva</u>	Field: <u>Lovington</u>
Updated: <u>9/9/2008</u>	By: <u>CAYN</u>	Well No.: <u>47</u>
Lease: <u>Lovington San Andres</u>	CHEVNO: <u>FA4957</u>	Twp/Rng: <u>17S 36E</u>
Surf Location: <u>1980' FSL & 1980' FWL</u>	KB: _____	Unit Ltr & Section: <u>K/1</u>
BH Location: _____	DF: <u>3836'</u>	API: <u>30-025-03810</u>
County: <u>Lea</u>	GL: _____	Original Spud Date: <u>6/3/1939</u>
Current Status: <u>Active Water Injector</u>		Original Compl. Date: _____
State: <u>NM</u>		Formation: <u>Grayburg/San Andres</u>

Surface Csg.

Size: 13"
 Wt.: 50#/ft
 Set @: 297'
 Sxs cmt: 250
 Circ: YES
 TOC: _____
 Hole Size: 17-1/2"

Intermediate Csg. ("Salt String")

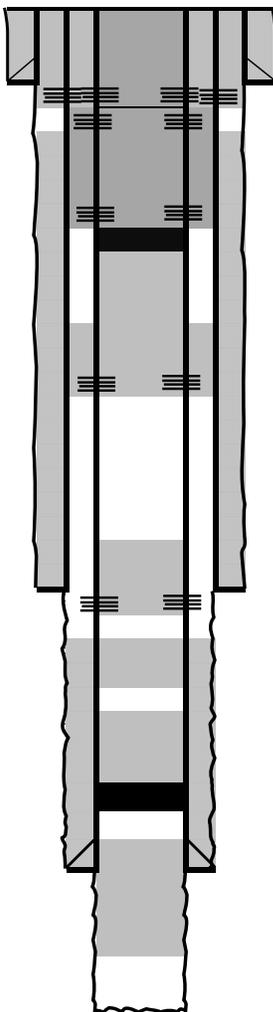
Size: 8-5/8"
 Wt.: 32#/ft
 Set @: 3104'
 Sxs Cmt: 500
 Circ: NO
 TOC: 628' **CALC**
 Hole Size: 11"

Production Csg. ("Oil String")

Size: 5-1/2"
 Wt.: 17#
 Set @: 4620'
 Sxs Cmt: 150
 Circ: _____
 TOC: 3545' **CALC**
 Hole Size: 7-7/8"

Open Hole: 4620-4944'
 Size: _____

Rustler	1,936	
Salt	2,028	
Tansil	2,870	
Seven Rivers	3,259	
Queen	3,876	
Grayburg	4,327	
San Andres	4,550	
TD	4,944	



1/10/2023: Perf @ 350', Circ all strings to surface w/ 150 sx Class C

7/16/24: Squeeze 80 oz of Nano seal. Well passing Bubble test
5/28/24: Spot 40 sx Class C f/ 330'- 0'

5/23/24: Perforate casing with gator tool at 1,431' & 411'
 Suicide circulate 228 sx Class C f/ 1,430' - 250' (PT, tag at 330')
1/28/24: Drill out surface plug; set CIBP @ 1,500'
1/9/2023: Spot 27 sx Class C f/ 1,887' - 1,613'

1/6/2023: Perf @ 2,028' (establish circ up int csg annulus)
 Circ 47 sx Class C f/ 2,028' (failed PT, no tag)
 Circ 100 sx Class C f/ 2,028' (failed PT, no tag)
1/9/2023: Circ 47 sx Class C f/ 2,028' (passed PT, tagged @ 1,887')

1/5/2023: Perf @ 3,104' (unable to establish injection)
 Spot 27 sx Class C f/ 3,204' - 2,931'

1/5/2023: Spot 27 sx Class C f/ 3,876' - 3,603'

1/5/2023: Tag packer on Coil Tbg (4,455' CTM)
 Spot 27 sx Class C f/ 4,455' - 4,182' (Tagged @ 4,152')

12/3/2022: Release on/off tool and LD production tbg
 Production packer left at 4,467'
10/12/22: Bullhead 40 sx Class C below packer
 Est TOC @ 4,520'

PBD: ?
 TD: 4935'

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

CONDITIONS
 Action 396350

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 396350
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Need C103Q and marker photo to release CBL in files DHM in place 9/9/24	10/28/2024