

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

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

WELL API NO. 30-025-51865	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name SALT CREEK AGI	
8. Well Number 3	
9. OGRID Number 331501	
10. Pool name or Wildcat AGI; Delaware	
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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> ACID GAS INJECTION 2. Name of Operator Northwind Midstream Partners, LLC 3. Address of Operator 825 Town and Country Ln; Bldg. 5, Suite 700 Houston, TX 77024 4. Well Location Unit Letter L : 2,329 feet from the SOUTH line and 278 feet from the WEST line Section 21 Township 26S Range 36E NMPM County LEA 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2,926' (GR)	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

On September 17 and 18, 2023, the 20-inch surface casing was installed in a 26-inch, 2,100 ft. borehole. The casing shoe was set at a depth of 1,277 ft., as borehole geometry prevented casing from being run to the total depth of the borehole (2,100 ft.). Following NMOCDD approval of a Form C-103 Change of Plans Request, the 20-inch surface casing was cemented with 465 sacks of 13.5 lbs/gal lead cement and 1,100 sacks of 14.8 lbs/gal tail cement in a single stage (166% excess), as indicated below. Cement was circulated to surface (87 sacks). The casing summary and cementing activity report are attached.

Casing	Joints	Size	Wt. (lb/ft)	Grade	Thread	Set Depth	Cement	Type/Class	Sacks	Yield
Surface	29	20"	133	K-55	BTC	0' - 1,277'	Lead	ExtendaCem	465	1.81 cu ft/sk
							Tail	HalCem C	1,100	1.34 cu ft/sk

After waiting on cement for at least eight (8) hours, a cement bond log was run that verified that a successful bond had been achieved. Prior to drilling out the shoe, the casing was tested and held at 1,500 psi. The cement bond log and casing pressure test are attached.

Spud Date: September 12, 2023

Rig Release Date:

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

SIGNATURE  TITLE Consultant to Northwind DATE 09/25/2023
 Type or print name David A. White, P.G. E-mail address: dwhite@geolex.com PHONE: 505-842-8000

For State Use Only

APPROVED BY: TITLE DATE

CASING AND CEMENTING SUMMARY REPORT

CEMENTING ACTIVITY REPORT (HALLIBURTON)

BLM

HALLIBURTON

iCem® Service

PERMIAN OILFIELD PARTNERS LLC-EBUS

For:

Date: Tuesday, September 19, 2023

SALT CREEK AGI

Case 1

Job Date: Tuesday, September 19, 2023

Sincerely,

1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq No.	Activity	Graph Label	Date	Time	Source	Pump A Pressur e (psi)	Cmb Pump Rate (bbl/mi n)	Dwnhol e Density (ppg)	Comments
Event	1	Call Out	Call Out	9/17/20 23	22:00:0 0	USER				CALLED OUT FOR 0400 JOBTIME
Event	2	Arrive At Loc	Arrive At Loc	9/18/20 23	07:00:0 0	USER				ALL EQUIPMENT ON LOCATION
Event	3	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	9/18/20 23	07:15:0 0	USER				
Event	4	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	9/18/20 23	14:00:0 0	USER				
Event	5	Rig-up Lines	Rig-up Lines	9/18/20 23	14:15:0 0	USER				
Event	6	Other	Other	9/18/20 23	15:30:0 0	USER				CASING STUCK @ 1292 FT WAITING ON STATE APROVAL TO PROCEED @ THIS DEPTH
Event	7	Rig-Up Completed	Rig-Up Completed	9/18/20 23	15:45:0 0	USER				
Event	8	Rig-Down Completed	Rig-Down Completed	9/19/20 23	00:00:0 0	USER				

iCem® Service

(v. 7.0.192.0)

Created: Tuesday, September 19, 2023

Event	9	Safety Meeting - Pre Job	Safety Meeting - Pre Job	9/19/20 23	16:15:0 0	USER	6.46	0.00	8.34	
Event	10	Start Job	Start Job	9/19/20 23	18:35:0 0	NONE	2.68	0.00	8.33	
Event	11	Test Lines	Test Lines	9/19/20 23	18:39:2 9	NONE	13.39	0.00	8.33	PRESSURE TEST TO 2820 PSI
Event	12	Pump Spacer 1	Pump Spacer 1	9/19/20 23	18:43:5 1	NONE	10.88	0.00	8.35	PUMPED 20 BBL GEL SPACER @ 4 BPM @ 71 PSI
Event	13	Pump Lead Cement	Pump Lead Cement	9/19/20 23	18:53:2 7	NONE	121.20	3.83	12.10	PUMPED 160 BBL 13.5 # LEAD CEMENT @ 6 BPM @ 305 PSI
Event	14	Pump Tail Cement	Pump Tail Cement	9/19/20 23	19:21:3 2	NONE	253.01	5.93	13.70	PUMPED 253 BBL 14.8 # TAIL CEMENT @ 6 BPM @ 360 PSI
Event	15	Drop Top Plug	Drop Top Plug	9/19/20 23	20:11:0 9	NONE	8.80	0.00	15.15	
Event	16	Pump Displacement	Pump Displacement	9/19/20 23	20:11:1 5	NONE	9.34	0.00	15.15	PUMPED 10 BBL 14.8 # TAIL CEMENT BEHIND THE PLUG @ CM REQUEST THEN PUMPED 414 BBL 9 # MUD DISPLACEMENT @ 9 BPM @ 352 PSI
Event	17	Bump Plug	Bump Plug	9/19/20 23	21:29:1 2	NONE	879.86	0.00	8.24	BUMPED PLUG @ CALCULATED DISPLACEMENT @ 4 BPM @ 260 PSI TOOK

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(v. 7.0.192.0)

Created: Tuesday, September 19, 2023

										PRESSURE TO 980 PSI
Event	18	Other	Other	9/19/20 23	21:30:3 8	NONE	980.71	0.00	8.28	CHECK FLOATS 3 BBL BACK
Event	19	Other	Other	9/19/20 23	21:37:0 6	NONE	1493.42	0.00	8.27	30 MINUTE CASING TEST @ 1500 PSI
Event	20	End Job	End Job	9/19/20 23	22:13:1 1	NONE	-2.42	0.00	8.34	JOB COMPLETE HAD GOOD RETURNS THROUGHOUT CEMENT AND DEMINISHED RETURNS DURING DISPLACEMENT 28 BBL CEMENT TO SURFACE
Event	21	Post-Job Safety Meeting (Pre Rig- Down)	Post-Job Safety Meeting (Pre Rig- Down)	9/19/20 23	22:30:0 0	USER				
Event	22	Rig-Down Equipment	Rig-Down Equipment	9/19/20 23	22:45:0 0	USER				
Event	23	Depart Location Safety Meeting	Depart Location Safety Meeting	9/20/20 23	00:15:0 0	USER				
Event	24	Depart Location	Depart Location	9/20/20 23	00:30:0 0	USER				
Event	25	Other	Other	9/20/20 23	00:45:0 0	USER				CASING TEST SUCCESSFUL PRESSURE @ 1478 PSI BLEED OFF PRESSURE

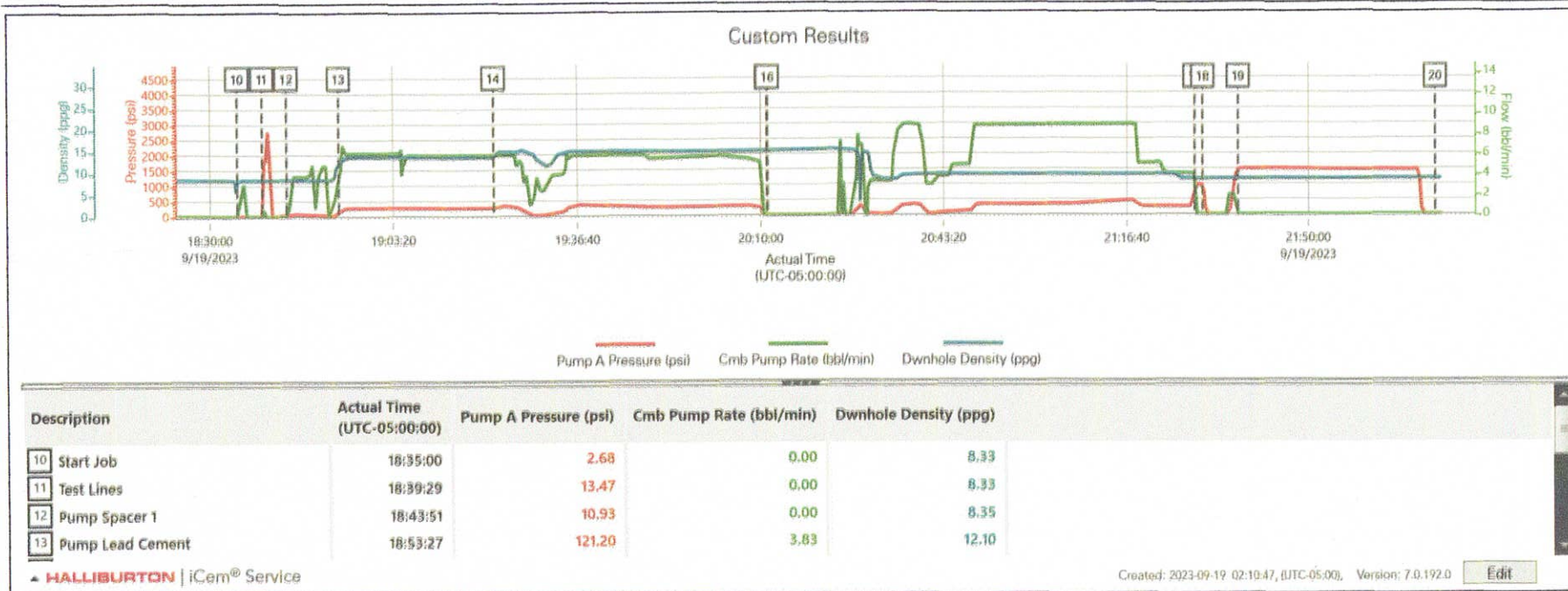
iCem® Service

(v. 7.0.192.0)

Created: Tuesday, September 19, 2023

2.0 Attachments

2.1 Case 1-Custom Results.png



HALLIBURTON**Cementing Job Summary***The Road to Excellence Starts with Safety*

Sold To #: 385331	Ship To #: 9181954	Quote #: 0023090019	Sales Order #: 0908852444
Customer: PERMIAN OILFIELD PARTNERS LLC-EBUS	Customer Rep: OBED JEMENEZ		
Well Name: SALT CREEK AGI	Well #: 3	API/UWI #: 30-025-51865-00	
Field:	City (SAP): JAL	County/Parish: LEA	State: NEW MEXICO
Legal Description:			
Contractor: AKITA DRLG	Rig/Platform Name/Num: AKITA 518		
Job BOM: 7521 7521			
Well Type: INJECTION			
Sales Person: HALAMERICA\HBAQ995	Srvc Supervisor: Derrick Patrick Adams		
Job			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	1292ft		Job Depth TVD
Water Depth			Wk Ht Above Floor
Perforation Depth (MD)	From		To

Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		30	28.034	309.72			0	80		
Casing		20	18.73	133	BTC	K-55	0	2100		
Open Hole Section			26				80	2100		

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make
Guide Shoe	20			1292		Top Plug	20		HES
Float Shoe	20					Bottom Plug	20		HES
Float Collar	20					SSR plug set	20		HES
Insert Float	20					Plug Container	20		HES
Stage Tool	20					Centralizers	20		HES

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Gel Spacer w/Red Dye	Gel Spacer w/Red Dye	20	bbl	8.4			4	
0.1 lbm/bbl		RHODAMINE RED LIQUID DYE # 2 (101201084)							
2.5 lbm/bbl		WG-36, 50 LB BAG (101627238)							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
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HALLIBURTON**Cementing Job Summary**

2	ExtendaCem - Lead Cement	HALCEM (TM) SYSTEM	465	sack	13.5	1.81	9.71	5	9.62
4 %		BENTONITE, BULK (100003682)							
5 %		SALT, BULK (100003695)							
9.62 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	HalCem™ C-Tail Cement	HALCEM (TM) SYSTEM	1100	sack	14.8	1.344	6.31	5	6.31
2 lbm		KOL-SEAL, 50 LB BAG (100064232)							
0.125 lbm		POLY-E-FLAKE (101216940)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	Displacement	Displacement	424	bbl	8.4			4	
Cement Left In Pipe	Amount	40 ft			Reason			Shoe Joint	
Mix Water:	pH 7	Mix Water Chloride:			500 ppm			Mix Water Temperature:	
Cement Temperature:	## °F °C	Plug Displaced by:			9 lb/gal kg/m ³ XXXX			Disp. Temperature:	
Plug Bumped?	Yes	Bump Pressure:			260 psi MPa			Floats Held?	
Cement Returns:	28 bbl m ³	Returns Density:			## lb/gal kg/m ³			Returns Temperature:	
Comment									

**RADIAL CEMENT BOND LOG
(YELLOWJACKET)**

<div><div>YELLOWJACKET</div><div>OILFIELD SERVICES</div></div>		<div>CEMENT BOND LOG</div>	
<div>CompanyPermian Oilfield Partners</div> <div>WellSalt Creek AGI #3</div> <div>Field</div> <div>CountyLea</div> <div>StateNew Mexico</div>		<div>CompanyPermian Oilfield Partners</div> <div>WellSalt Creek AGI #3</div> <div>Field</div> <div>CountyLea</div> <div>StateNew Mexico</div>	
<div>Location:2329' FSL & 278' FWL</div> <div>SEC 21TWP 26SRGE 36E</div>		<div>API #: 30-025-51865</div> <div>Other ServicesNone</div>	
<div>Permanent DatumGL</div> <div>Log Measured From20' KB</div> <div>Elevation2926'</div> <div>Drilling Measured FromKB</div> <div>Above Perm. Datum</div> <div>K.B. 2946'</div> <div>D.F. 2945'</div> <div>G.L. 2926'</div>			
Date	9/21/23		
Run Number	One		
Depth Driller	1277'		
Depth Logger	1175'		
Bottom Logged Interval	1166'		
Top Log Interval	Surface		
Open Hole Size	26"		
Type Fluid	WBM		
Disity / Viscosity	9.2#		
Mix. Recorded Temp.	---		
Mix. Wellhead Pressure	0 Psi.		
Time Well Ready	0800		
Time Logger on Bottom	0935		
Equipment Number	BMWU-08		
Location	Midland, Texas		
Recorded By	David U.		
Witnessed By	Tyler Ledlow		
Tubing Record	Size	Wt/Ft	Top
Surface Casing	20"	133#	Surface
Production Casing			1277'
Log Record			

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and YellowJacket Oilfield Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and YellowJacket Oilfield Services, LLC will not 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.

Comments

RCBL Ran Using 20' KB




RCBL ran with 0 PSI. On Well

Estimated Top of Cement: Surface

No Depth Corrections Made On Log

THANK YOU FOR USING YELLOWJACKET OILFIELD SERVICES!

Your YellowJacket Oilfield Services Crew		Tool Data - Services	Serial Number
Engineer:	David U.	RCBL 32SBT	0109
Operator:	Corey O		
Operator:	Brain B.		
Operator:			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)	
Received by OCD: 9/26/2023 10:20:02 PM							
CCL	21.04		CHD-1_4	1.00	1.44	5.00	
			CCL-45CCL45 (45CCL45-XXXX) 4.5" Tek-Co CCL	1.63	4.50	45.00	
			CENT-2.75" 2.75" Variable Cent	2.90	2.75	15.00	
ITEMP	15.17		DAT12D-32DST40 (32DST40-0108)	10.47	3.25	75.00	
WVFSYNC	15.17						
WVFCAL	15.17						
BHTEMP	13.26						
WVFS12	11.92						
WVFS11	11.92						
WVFS10	11.92						
WVFS9	11.92						
WVFS8	11.92						
WVFS7	11.92						
WVFS6	11.92						
WVFS5	11.92						
WVFS4	11.92						
WVFS3	11.92						
WVFS2	11.92						
WVFS1	11.92						
WVF3FT	11.17						
WVF5FT	10.17						
GR	4.25			GR-27DGR45 (27DGR45-XXXX) 2 3/4" Titan Digital Gamma Ray	4.01	2.75	25.00
				CENT-2.75Roller 2.75" Roller Centralizers	2.83	2.75	35.00
Dataset: du1096_permian_saltcreekaig_3_rcbl.db: field/well/run1/mainpass1 Total length: 22.83 ft Total weight: 200.00 lb Released to Imaging: 5/22/2025 2:13:45 PM							

Log Variables

DatabaseC:\ProgramData\Warrior\Data\du1096_permian_saltcreekaig_3_rcbl.db
 Dataset field/well/run1/mainpass1/_vars_

Top - Bottom

BHTEMP_Src TEMP	BOREID in 26	BOTTEMP degF 100	CASEOD in 20	CASETHCK in 0.635	CASEWGHT lb/ft 133	MAXAMPL mV 23.921	MINAMPL mV 1
MINATTN db/ft 0.8	PERFS No	PPT usec 397	SRFTEMP degF 0	TDEPTH ft 0			

Variable Description

BHTEMP_Src : BHTEMP Input Source Selector
 BOREID : Borehole I.D.
 BOTTEMP : Bottom Hole Temperature
 CASEOD : Casing O.D.
 CASETHCK : Casing Thickness
 CASEWGHT : Casing Weight
 MAXAMPL : Maximum Amplitude

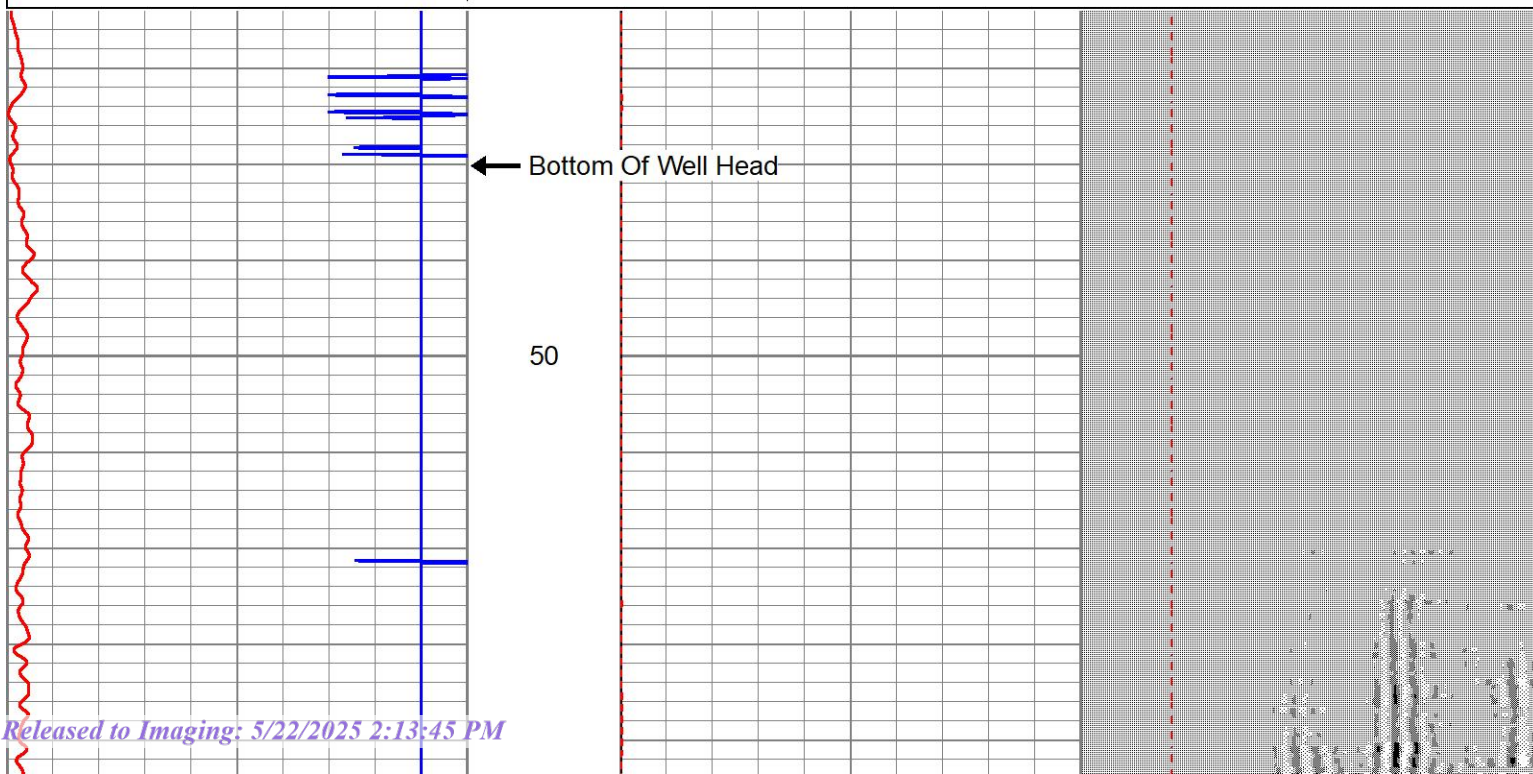
MINAMPL : Minimum Amplitude
 MINATTN : Minimum Attenuation
 PERFS : Perforation Flag
 PPT : Predicted Pipe Time
 SRFTEMP : Surface Temperature
 TDEPTH : Total Depth

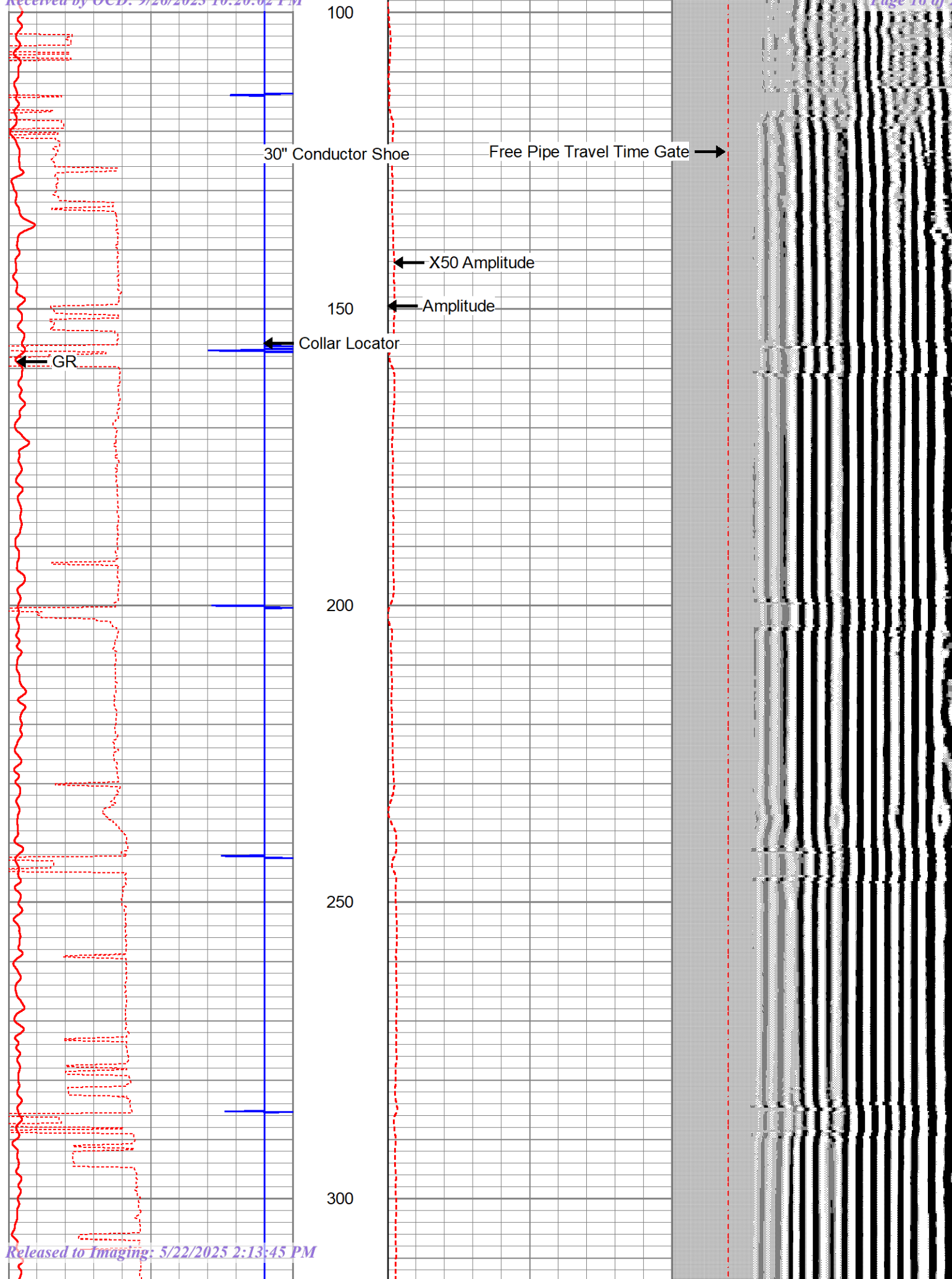


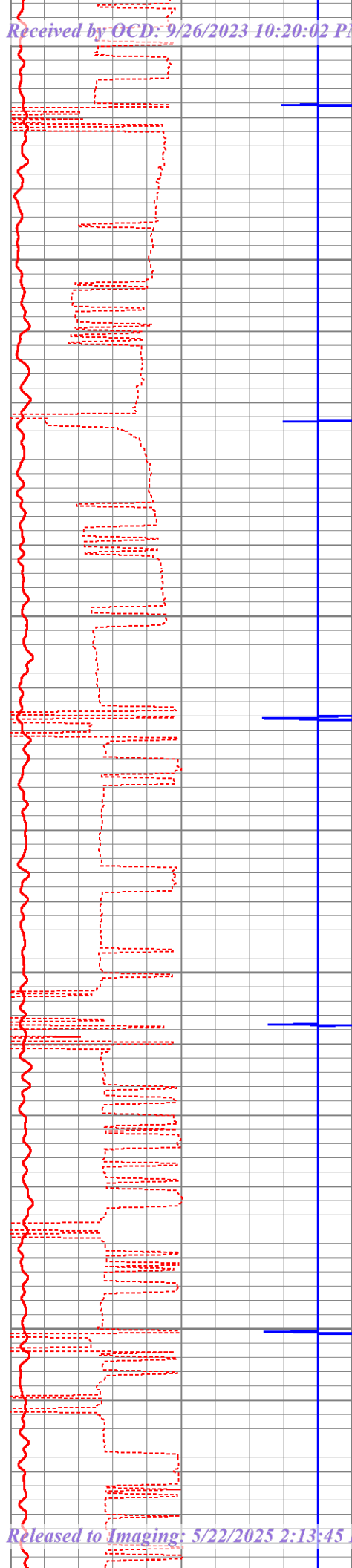
Main Pass

Database File du1096_permian_saltcreekaig_3_rcbl.db
 Dataset Pathname mainpass1
 Presentation Format _cbl
 Dataset Creation Thu Sep 21 10:46:53 2023
 Charted by Depth in Feet scaled 1:240

-9	Collar Locator	1	0	Amplitude (mV)	100	200	Variable Density (usec)	1200
450	Travel Time (usec)	250	0	X50 Amplitude (mV)	2	200	Travel Time Gate (usec)	1200
0	GR (GAPI)	150						





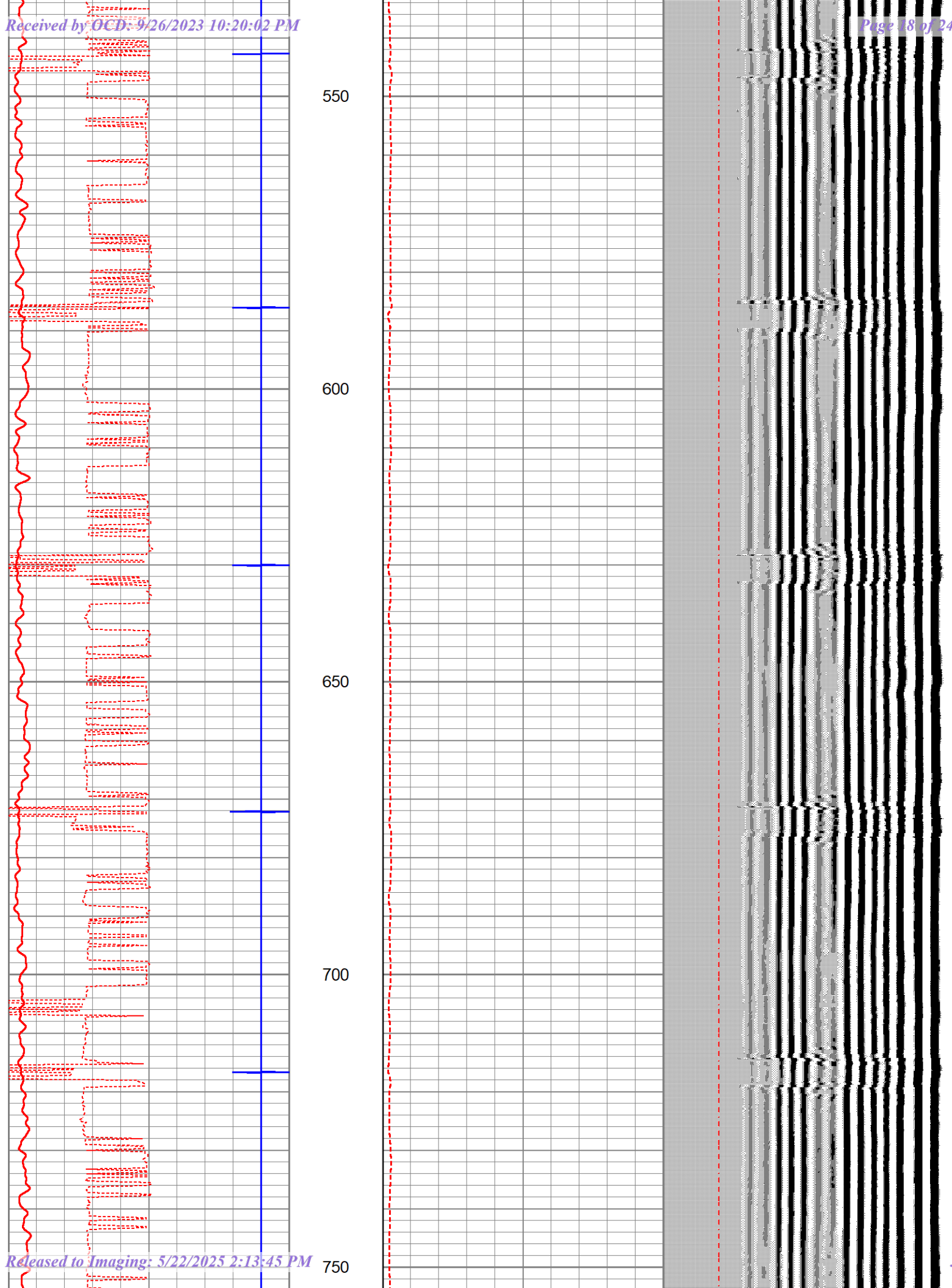


350

400

450

500



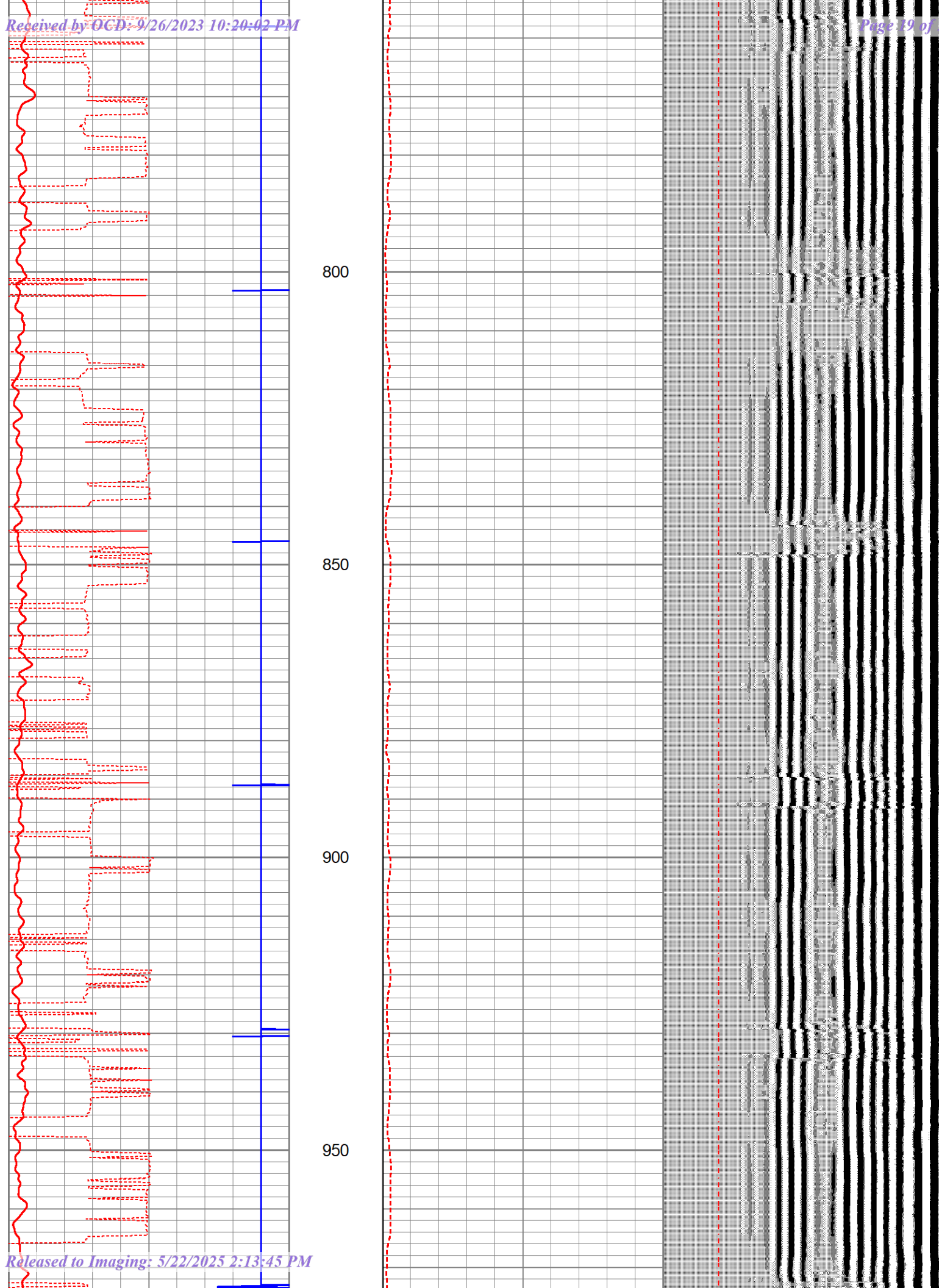
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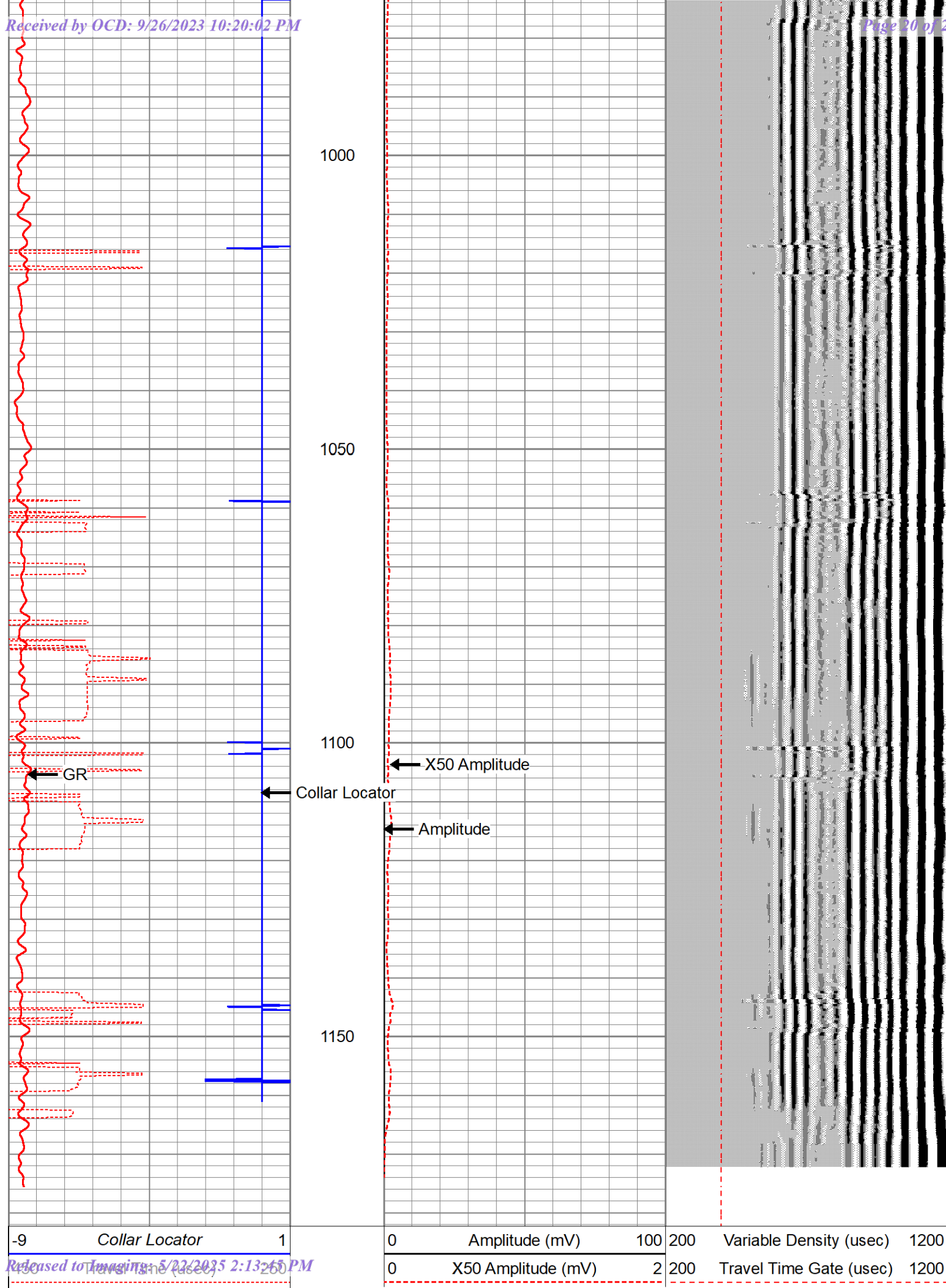
600

650

700

750



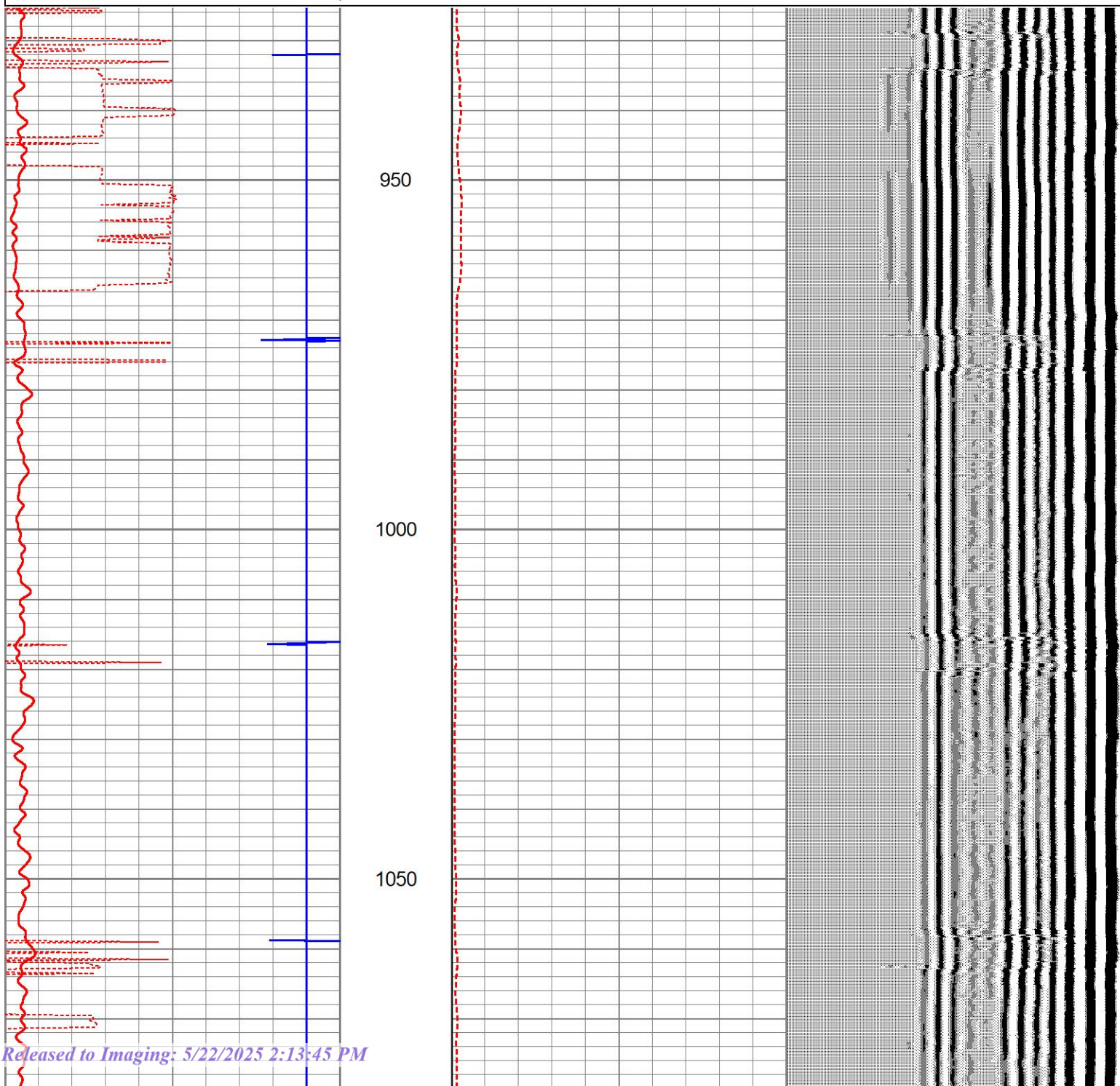


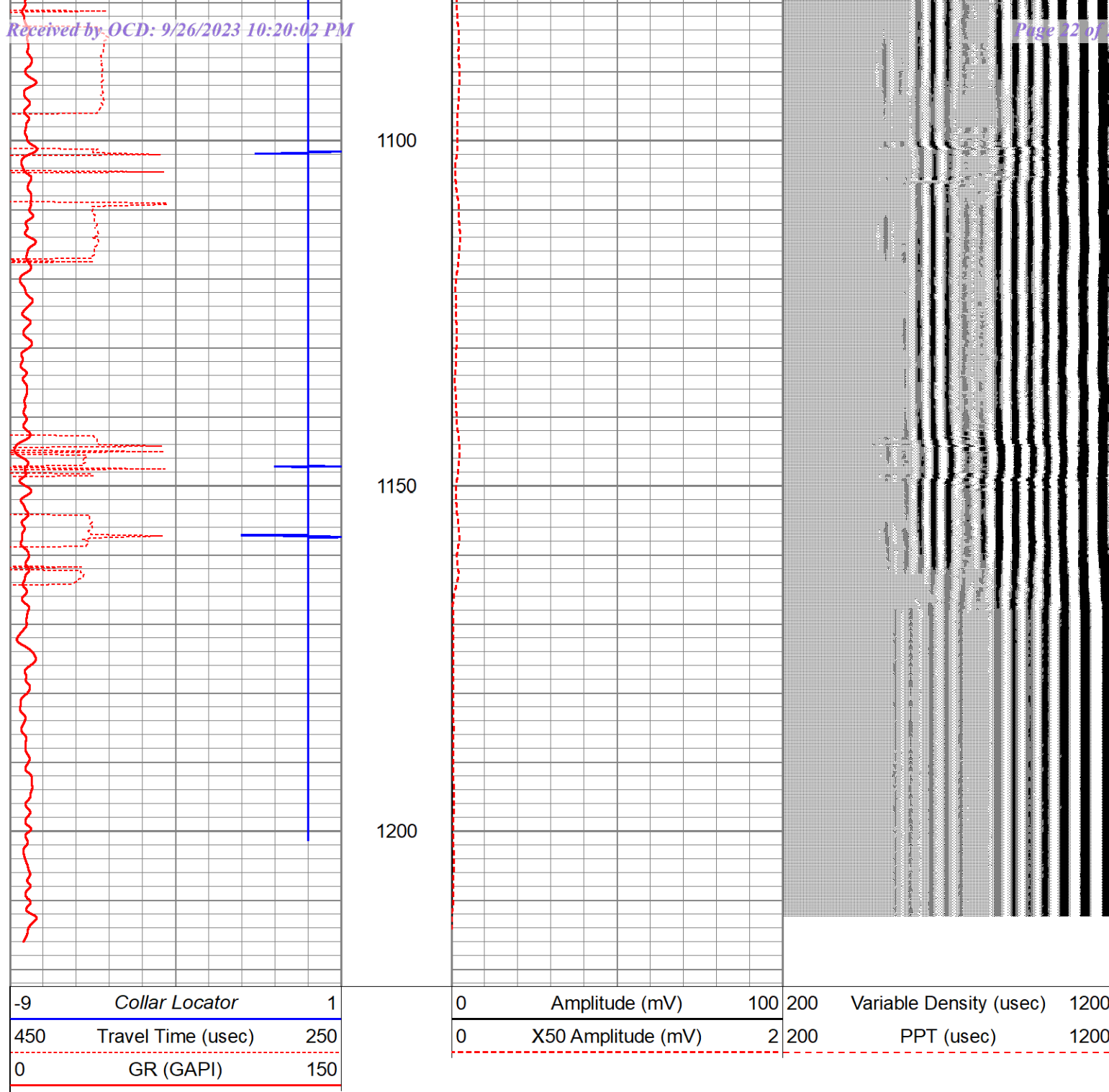


Repeat Pass

Database File du1096_permian_saltcreekaig_3_rcbl.db
Dataset Pathname pass3
Presentation Format _cbl
Dataset Creation Thu Sep 21 10:38:23 2023
Charted by Depth in Feet scaled 1:240

-9	Collar Locator	1	0	Amplitude (mV)	100	200	Variable Density (usec)	1200
450	Travel Time (usec)	250	0	X50 Amplitude (mV)	2	200	PPT (usec)	1200
0	GR (GAPI)	150						





Calibration Report

Database File du1096_permian_saltcreekaig_3_rcbl.db
 Dataset Pathname mainpass1
 Dataset Creation Thu Sep 21 10:46:53 2023

Gamma Ray Calibration Report

Serial Number: 27DGR45-XXXX
 Tool Model: 27DGR45
 Performed: Thu Sep 21 10:26:45 2023

Calibrator Value: 1.0 GAPI

Background Reading: 0.0
 Calibrator Reading: 1.0

Sensitivity: 1.0000 GAPI/

Serial Number: 32DST40-0108
Tool Model: 32DST40

Calibration Casing Diameter: 0.000 in
Calibration Depth: 0.000 ft

Master Calibration, performed (Not Performed):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.000	0.000	1.000	1.000	0.000
CAL	0.000	1.000				
5'	0.000	1.000	0.000	1.000	1.000	0.000
SUM						
S1	0.000	1.000	0.000	100.000	1.000	0.000
S2	0.000	1.000	0.000	100.000	1.000	0.000
S3	0.000	1.000	0.000	100.000	1.000	0.000
S4	0.000	1.000	0.000	100.000	1.000	0.000
S5	0.000	1.000	0.000	100.000	1.000	0.000
S6	0.000	1.000	0.000	100.000	1.000	0.000
S7	0.000	1.000	0.000	100.000	1.000	0.000
S8	0.000	1.000	0.000	100.000	1.000	0.000

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	1.000	0.000	1.000	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 Permian Oilfield Partners

Well Salt Creek AGI #3

Field

County Lea

State New Mexico

Country

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 269324

CONDITIONS

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 269324
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
jeffrey.harrison	Please include duration of casing tests on future sundries.	5/22/2025