

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 August 1, 2011

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		WELL API NO. 30-005-60332
2. Name of Operator BAR V BARB, LLC		5. Indicate Type of Lease STATE ☒ FEE ☐
3. Address of Operator P.O. BOX 4435, ROSWELL, NM 88202		6. State Oil & Gas Lease No. K0-5110-1
4. Well Location Unit Letter O : 660 feet from the SOUTH line and 1980 feet from the EAST line Section 16 Township 15S Range 29E NMPM CHAVES County		7. Lease Name or Unit Agreement Name SOUTH LUCKY LAKE UNIT
		8. Well Number 001A
		9. OGRID Number 371067
		10. Pool name or Wildcat LUCKY LAKE QUEEN, SOUTH
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,843.5' – GR		

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☒ CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: WELL PLUGGED AND ABANDONED 02/24/2025

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.

THIS IS AN ORPHANED WELL. BY LETTER DATED NOVEMBER 19, 2024 NMOCDC HAS AUTHORIZED PERMIAN RESOURCES TO PLUG AND ABANDON THE SOUTH LUCKY LAKE QUEEN UNIT #001A (API# 30-005-60332 ON NMOCDC'S BEHALF PURSUANT TO ITS AUTHORITY UNDER ORDER NO. R-23410. PERMIAN RESOURCES OPERATING, LLC. AND NEW MEXICO OIL CORPORATION RESPECTFULLY SUBMIT THIS SUBSEQUENT REPORT OF PXA ON BEHALF OF BAR V BARB, LLC.

02/22/2025: SET 4-1/2" CIBP @ 1,715'; CIRC. WELL W/ M.L.F.; PRES. TEST CSG. X CIBP TO 500# X HOLD FOR 30 MINS. – OK; RUN CBL – TOC 1,462'

02/23/2025: PUMP (25) SXS. CLASS "C" CMT. @ 1,715'; WOC X TAG TOC @ 1,402'; PERF. X SQZ. (150) SXS. CLASS "C" CMT. @ 1,300' (PER OCD); WOC X TAG TOC @ 982'; PUMP (10) SXS. CLASS "C" CMT. @ 982'-972' – NO TAG (PER OCD); PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (140) SXS. CLASS "C" CMT. @ 353'-3'.

02/24/2025: DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL BLEOW GROUND LEVEL DRY HOLE MARKER.

Please find CBL attached, unable to submit as Permian Resources Operating, LLC is not operator of record.

MIRU PXA EQUIP.: 02/22/25

RDMO PXA EQUIP.: 02/24/25

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

SIGNATURE Jessica Dooling TITLE: REGULATORY SPECIALIST DATE: 03/04/2025

Type or print name: JESSICA DOOLING E-mail address: JESSICA.DOOLING@PERMIANRES.COM PHONE: 432.999.3072

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval (if any):

PLUGGING & ABANDONMENT WORKSHEET

30-005-60332

WELL PXA 02/24/2025

OPERATOR BAR V BARB, LLC (371067)

LEASENAME SOUTH LUCKY LAKE UNIT

SECT

16

TWN

WELL #

001A

FROM

660

NSL

15S RNG

29E

TD:

1,848'

FORMATION @ TD

QN.

PBDT:

1,830'

FORMATION @ PBDT

PERF. X CIRC. (140) SX4.0 353'-3'

8-5/8"

@ 303'

TOC SURF.

M.L.F.

Pump (10) SX3.0 982'-882' (CALC)

PERF. X SQ2. (150) SX5.0 1,300'-982'

M.L.F.

Pump (25) SX3.0 1,715'-1,402'

SET 4-1/2" CRBP @ 1,715'

4-1/2"

@ 1,848'

TOC N/A.

TD 1,848'

DAG 02/26/2025





RADIAL CEMENT BOND LOG

Company Permian Resources		Company Permian Resources	
Well South Lucky Lake Queen#1A Unit 006		Well South Lucky Lake Queen#1A Unit 006	
Field Delaware		Field Delaware	
Parish Chaves		Parish Chaves	
State New Mexico		State New Mexico	
Location: API # : 30-005-60332-00-00		Other Services	
SEC TWP RGE		none	
Permanent Datum	RKB	Elevation NA	
Log Measured From	SurfaceNA	Above Perm. Datum	
Drilling Measured From	RKB	K.B. 28 D.F. 27 G.L. Surface	
Date	2-22-2025		
Run Number	1		
Depth Driller	PBTB		
Depth Logger	1,700'		
Bottom Logged Interval	1,700'		
Top Log Interval	Surface		
Open Hole Size	NA		
Type Fluid	H2O		
Density / Viscosity	8.3		
M. Recorded Temp.	NA		
M. Wellhead Pressure	0 PSI		
Time Well Ready	ROA		
Time Logger on Bottom	3:00PM		
Equipment Number	BMWU-15		
Location	Midland Texas		
Recorded By	Robert Carlson		
Witnessed By	Armando Hogue		
Size	Wt/Ft	Top	Bottom
Stucco Casing			
Production Casing	4.5	11.6	Surface
Liner Record			1,700'

<<< 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

Zero at ground level
All Hdr comments provided by customer on location

0 PSI

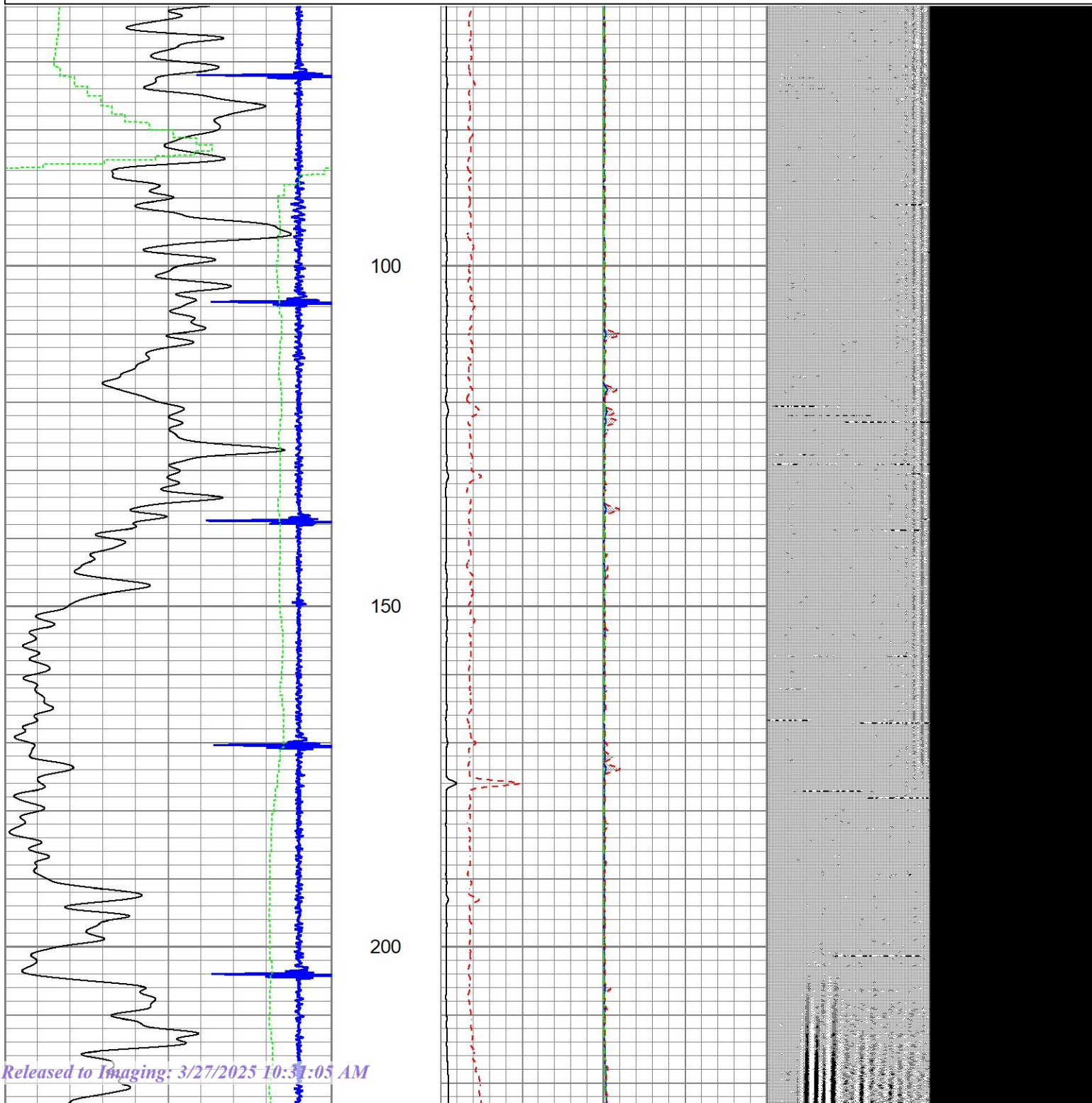
THANK YOU FOR USING YELLOWJACKET OILFIELD SERVICES!

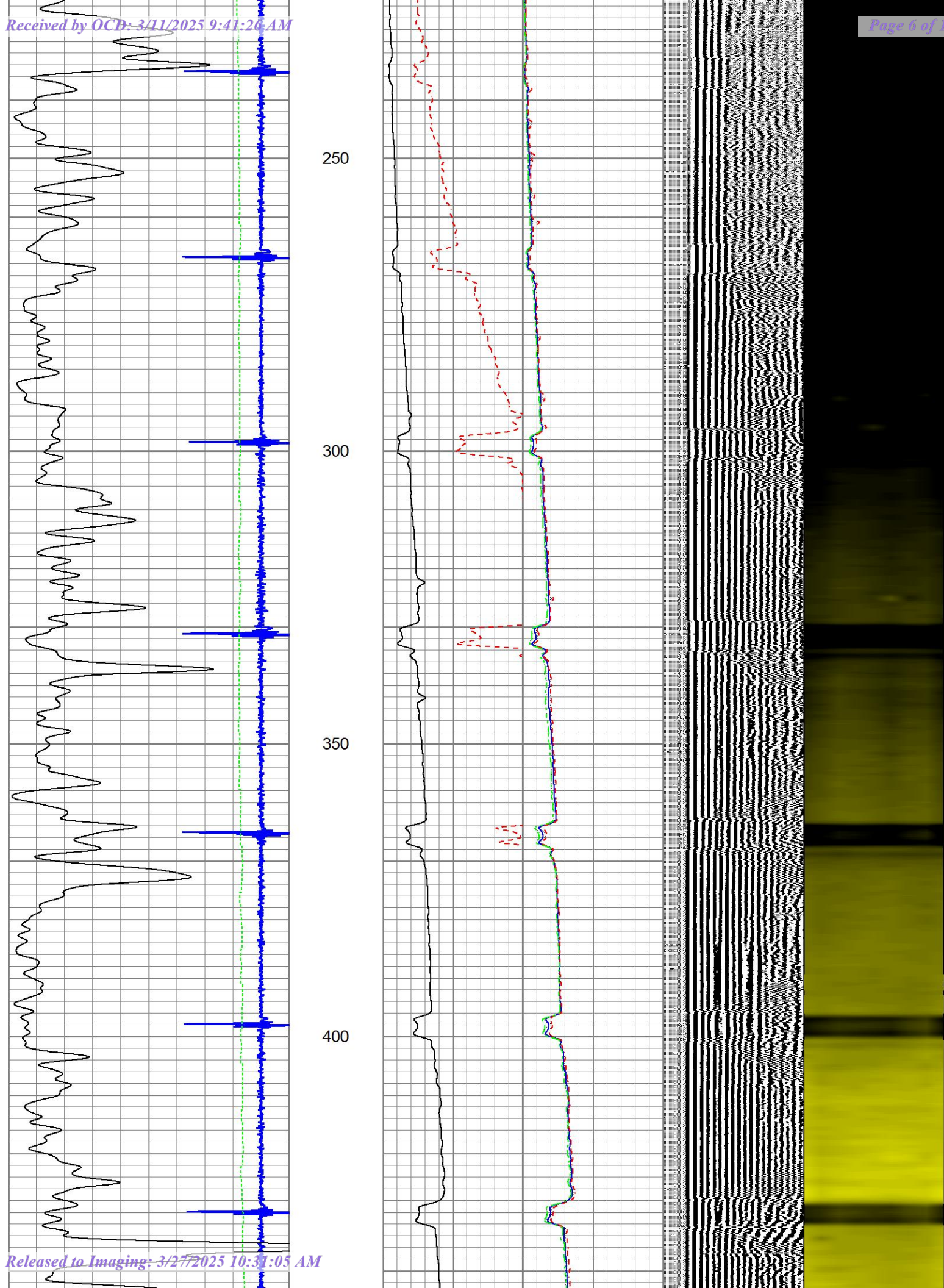
Your YellowJacket Oilfield Services Crew	Tool Data - Services	Serial Number
Engineer: Robert Carlson	Probe	YJ0088
Operator: Thomas Files		
Operator: Bill Bayly		
Operator:		

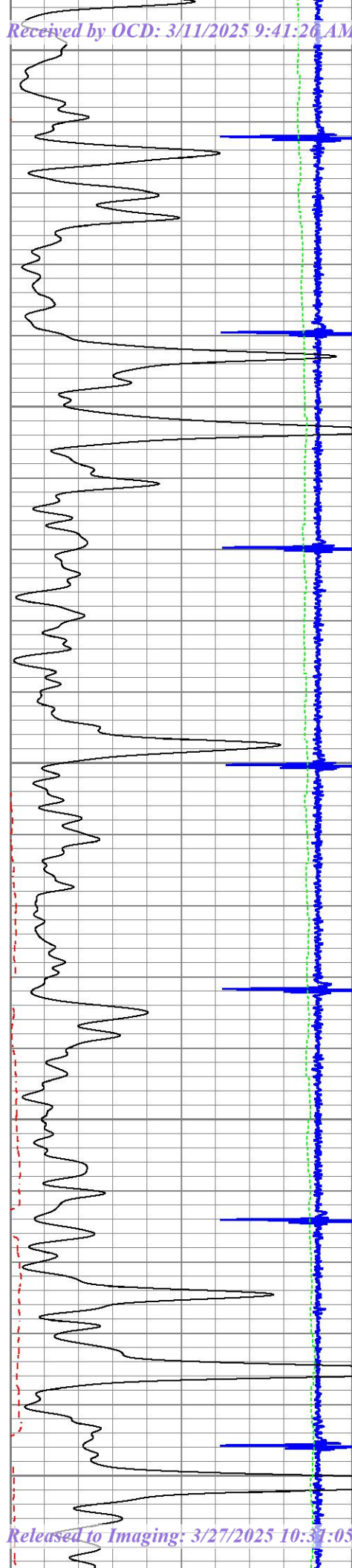


Database File rc1078_permian.db
Dataset Pathname pass13
Presentation Format _scblt
Dataset Creation Sat Feb 22 15:28:50 2025
Charted by Depth in Feet scaled 1:240

244	Travel Time (usec)	134	Amplitude	0	Amp Avg	150	VDL	1	Sector Map	8
-9	Casing Collars	1	0	(mV)	100	0	Amp Max	150	200	(usec) 1200
0	Gamma Ray (GAPI)	150	0	X5 (mV)	20	0	Amp Min	150		
0	Line Speed (ft/min)	100								







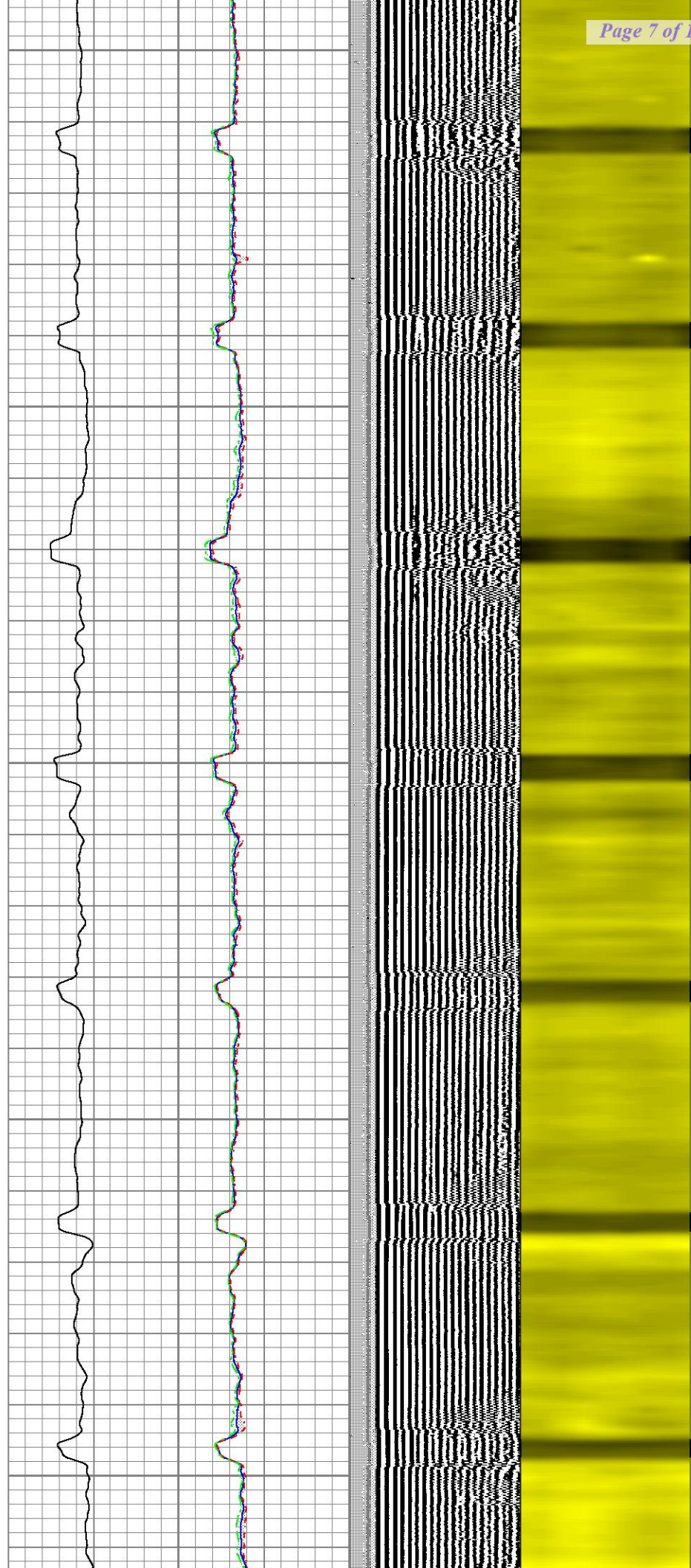
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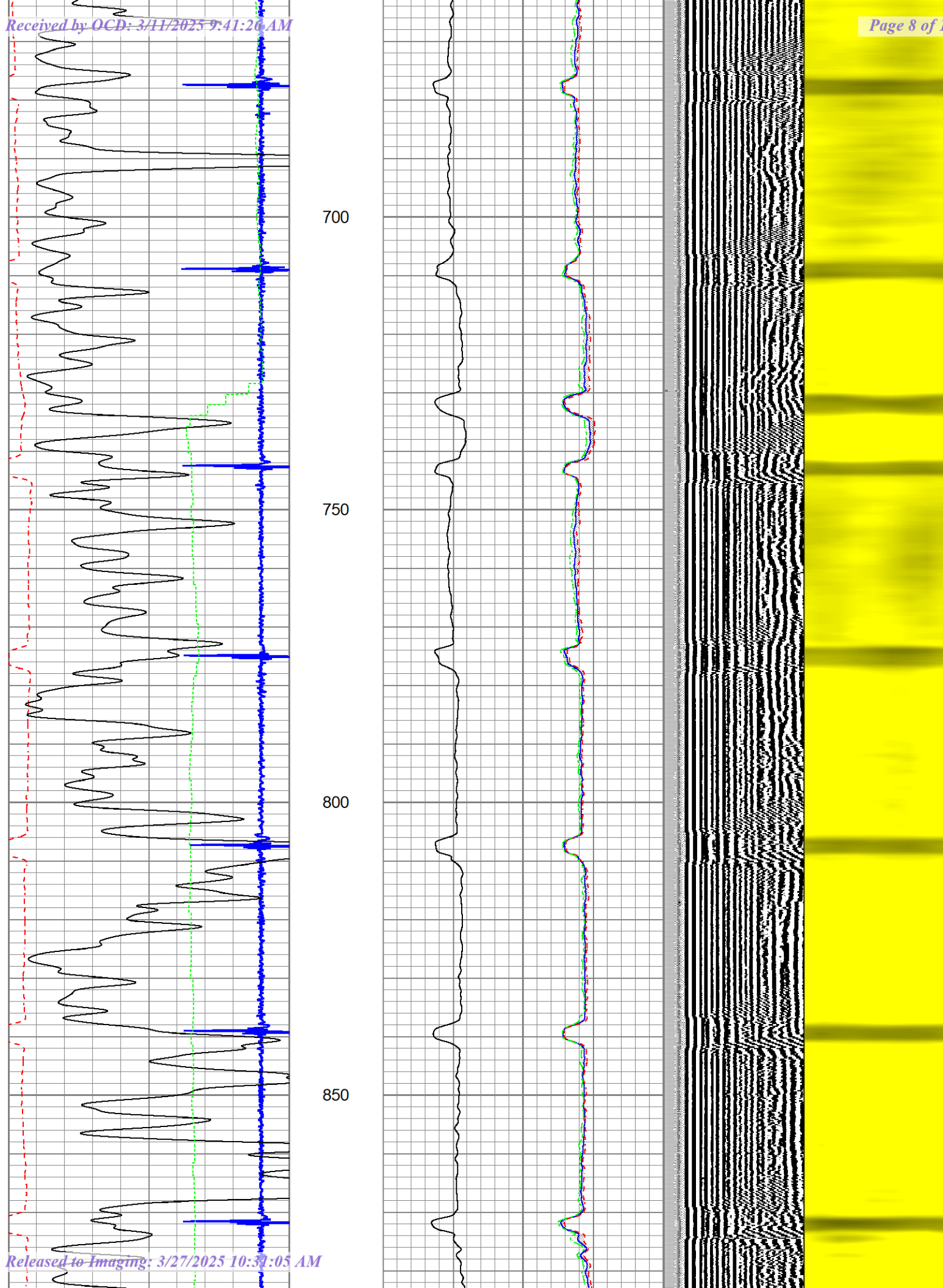
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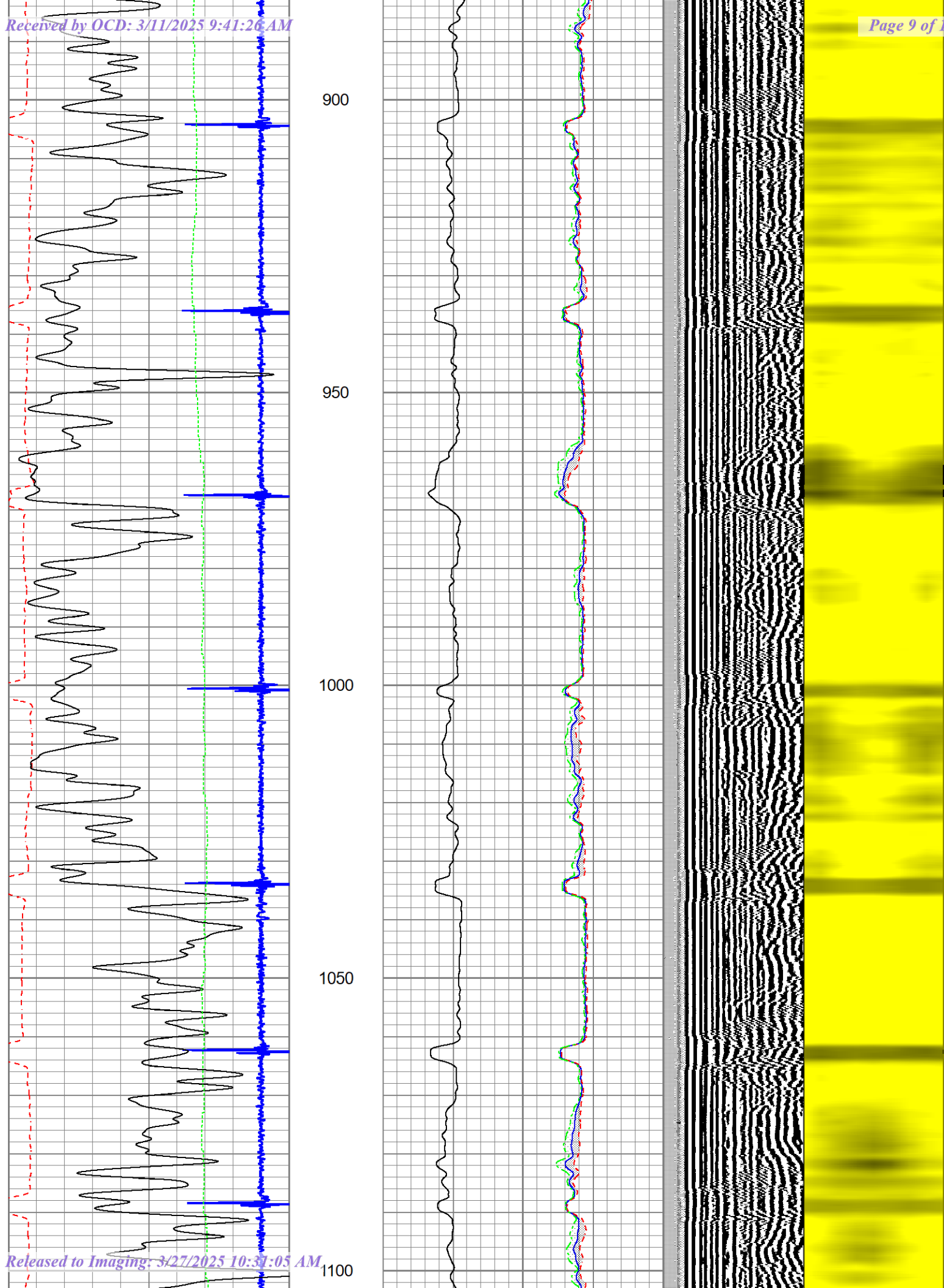
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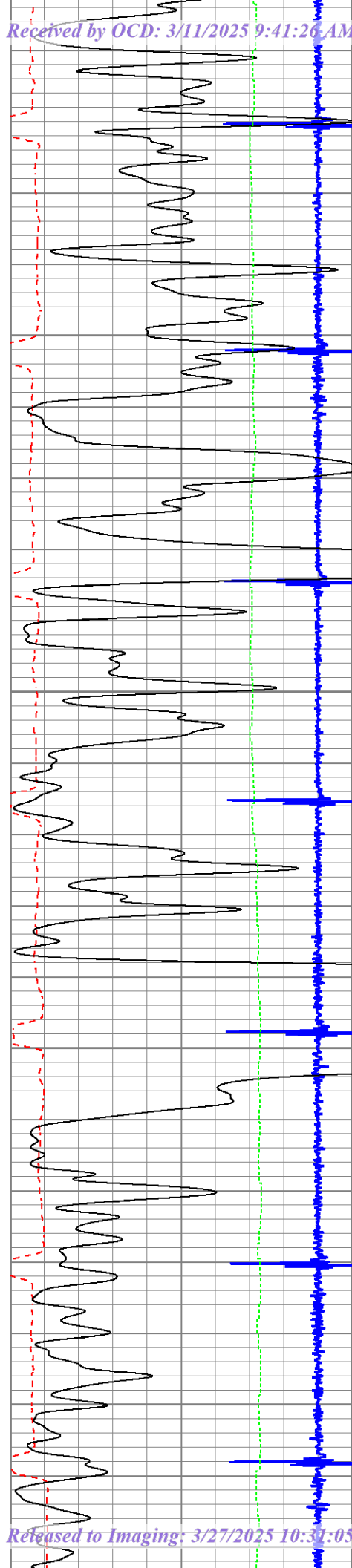
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650







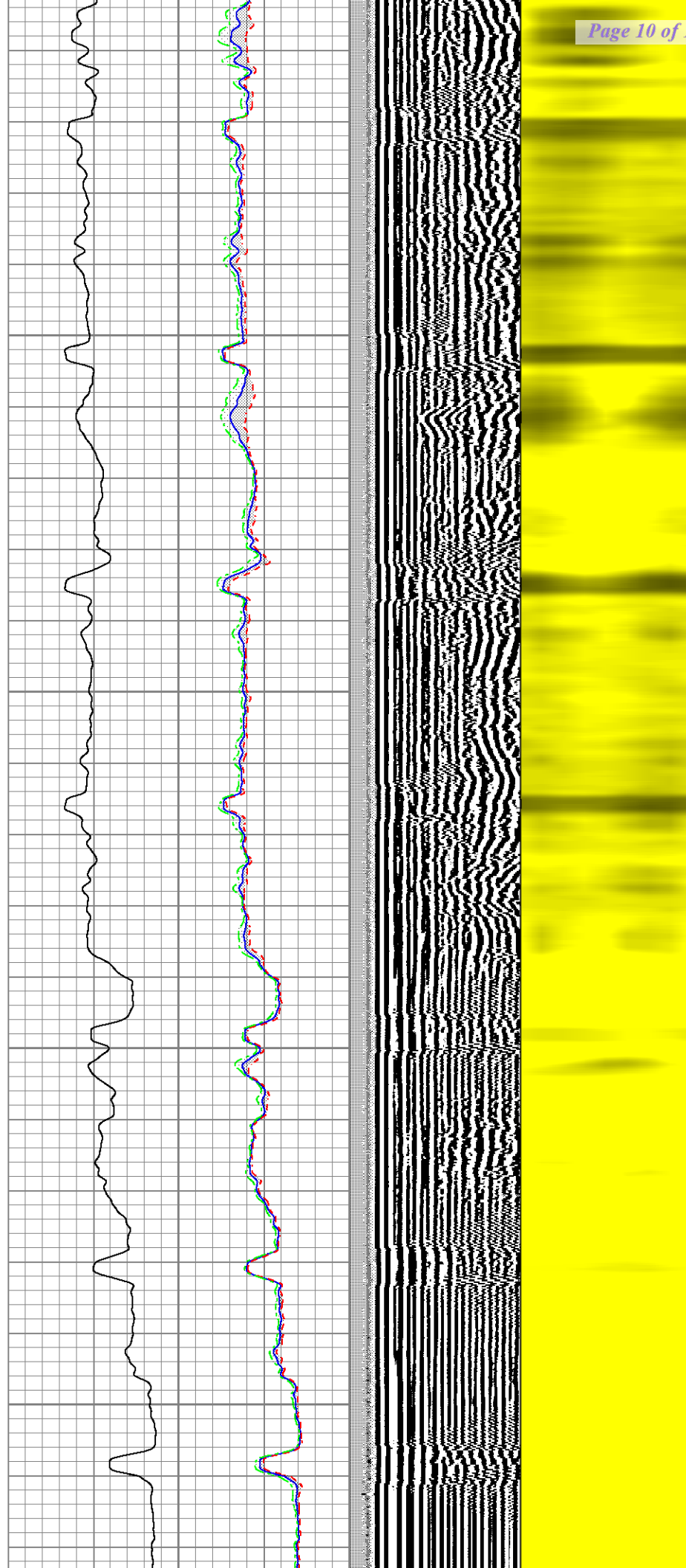


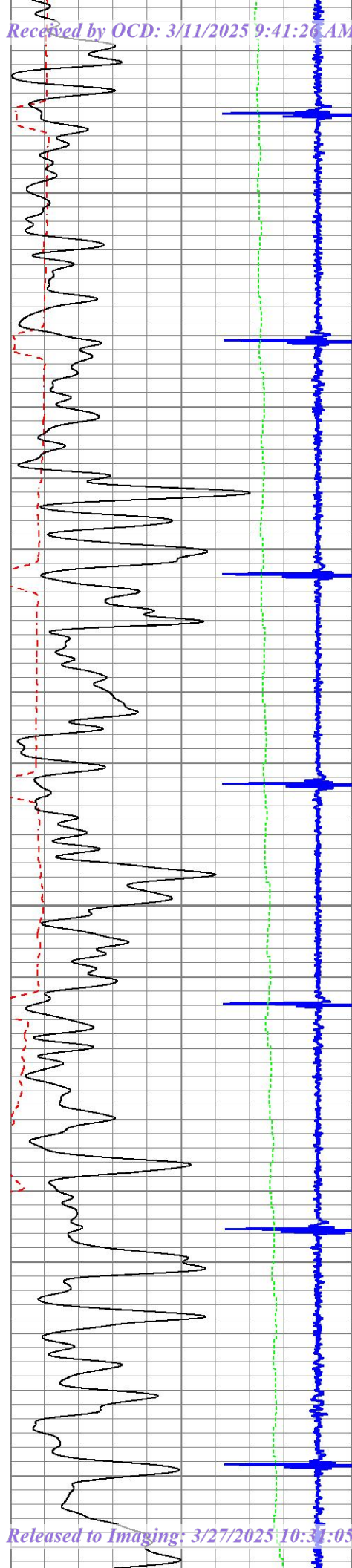
1150

1200

1250

1300



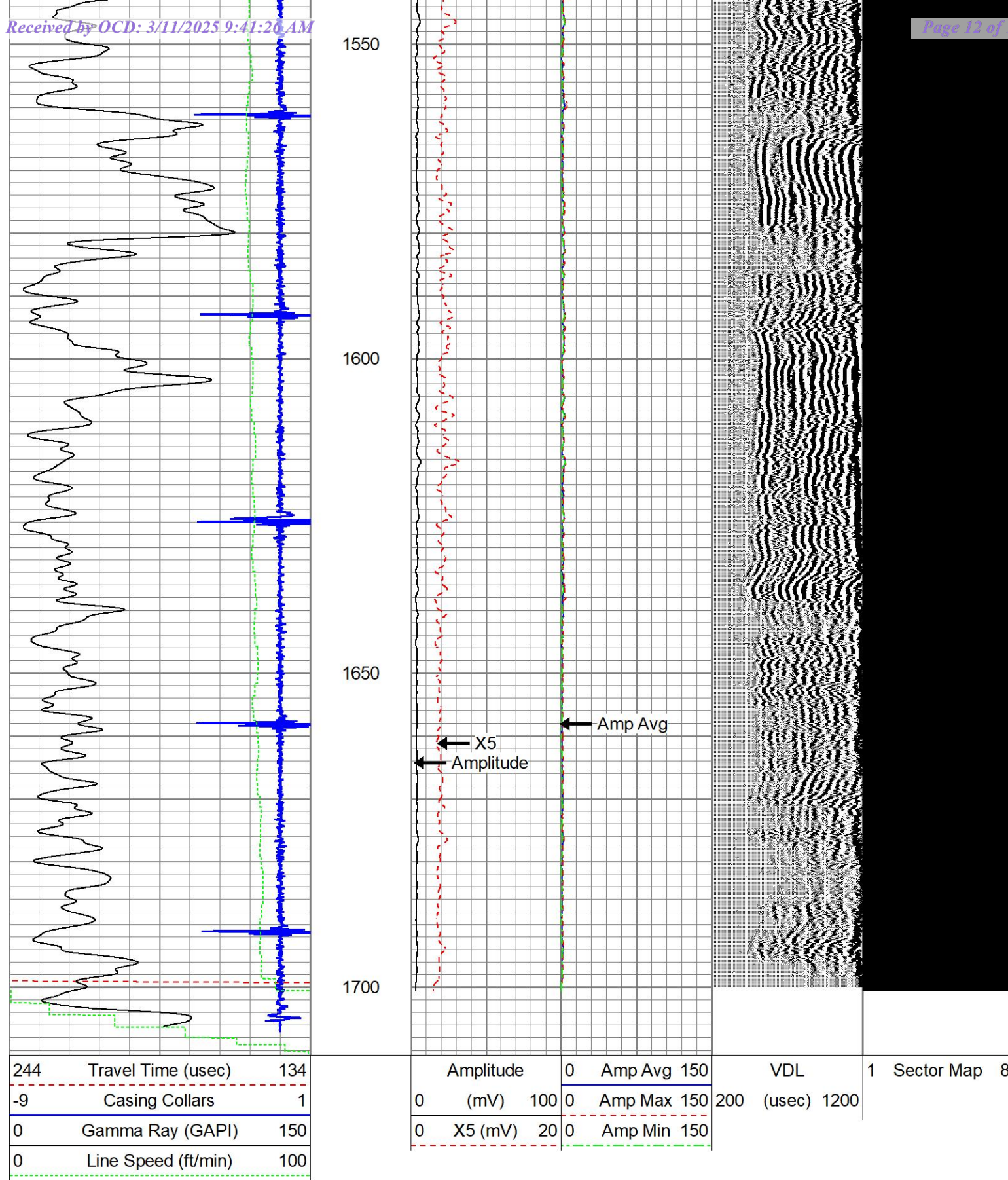


1350

1400

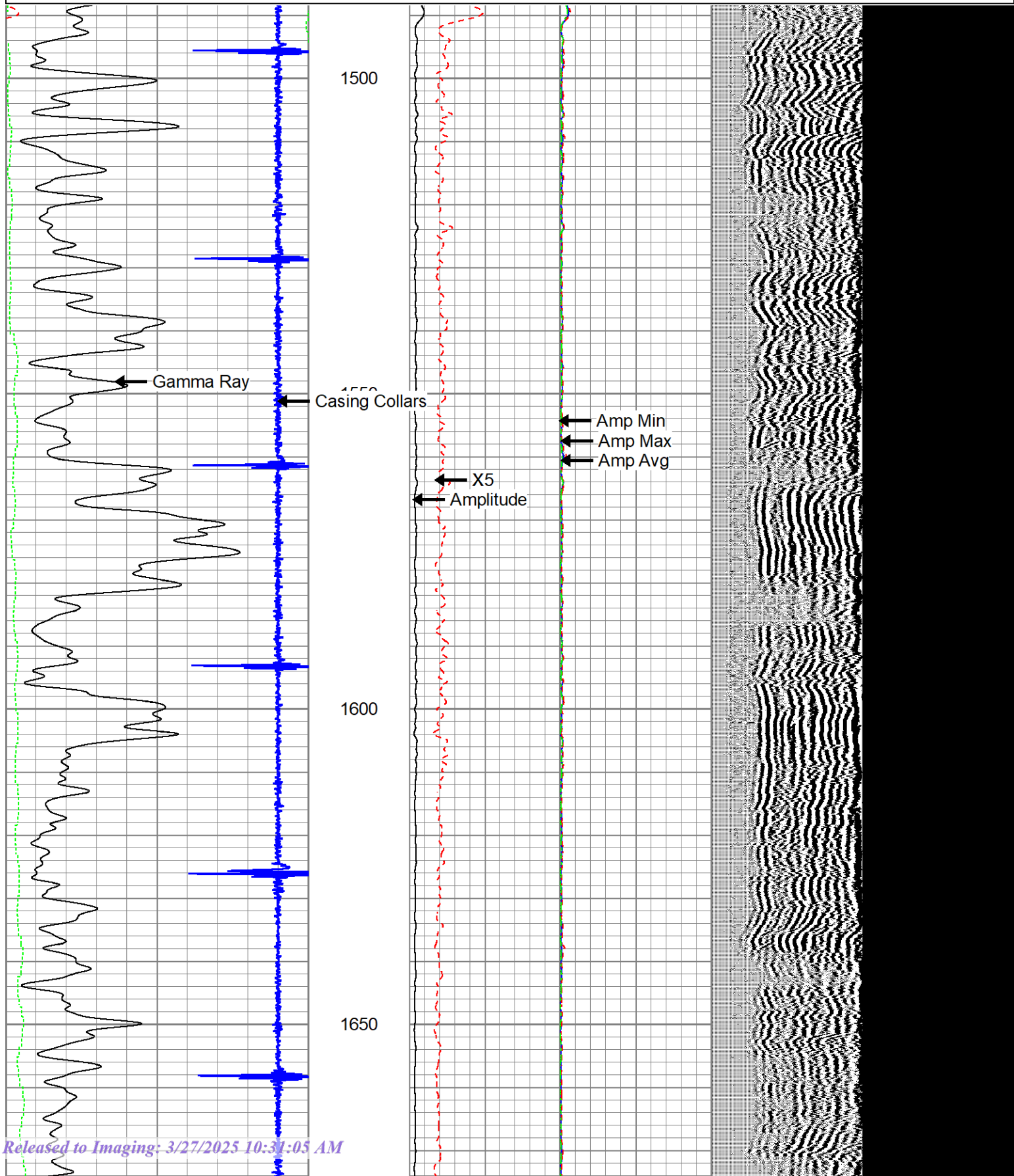
1450

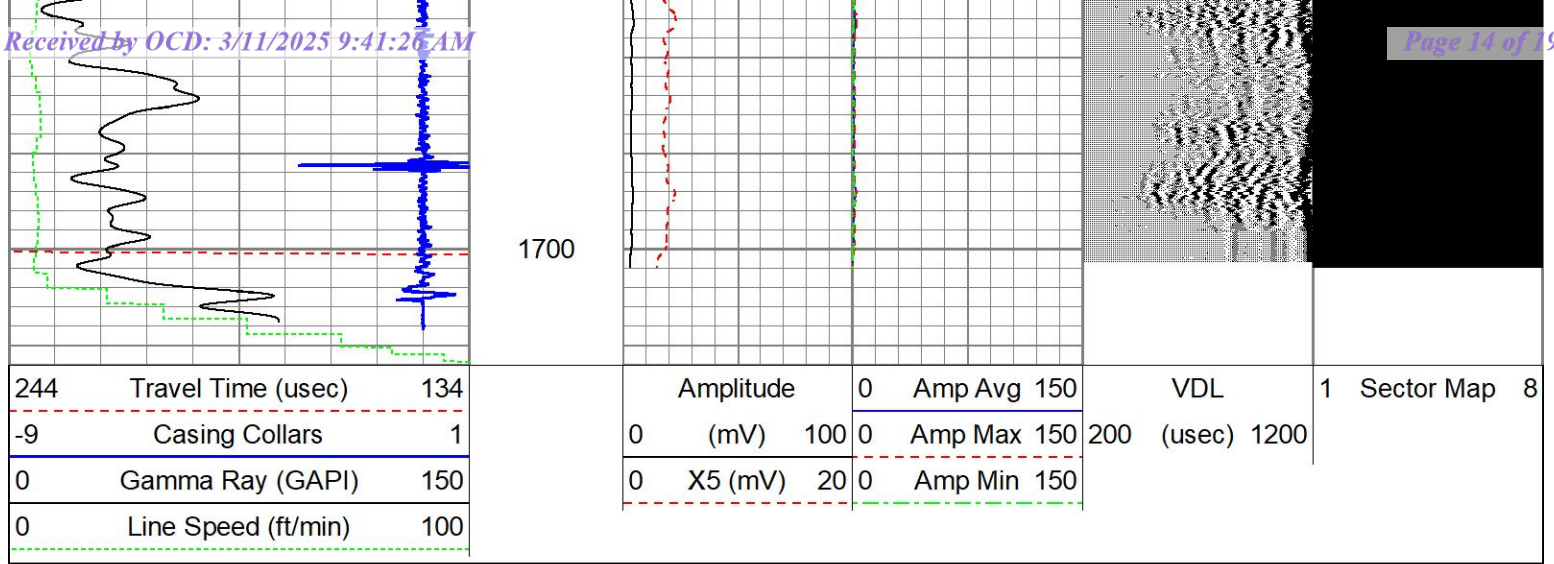
1500



Repeat Pass

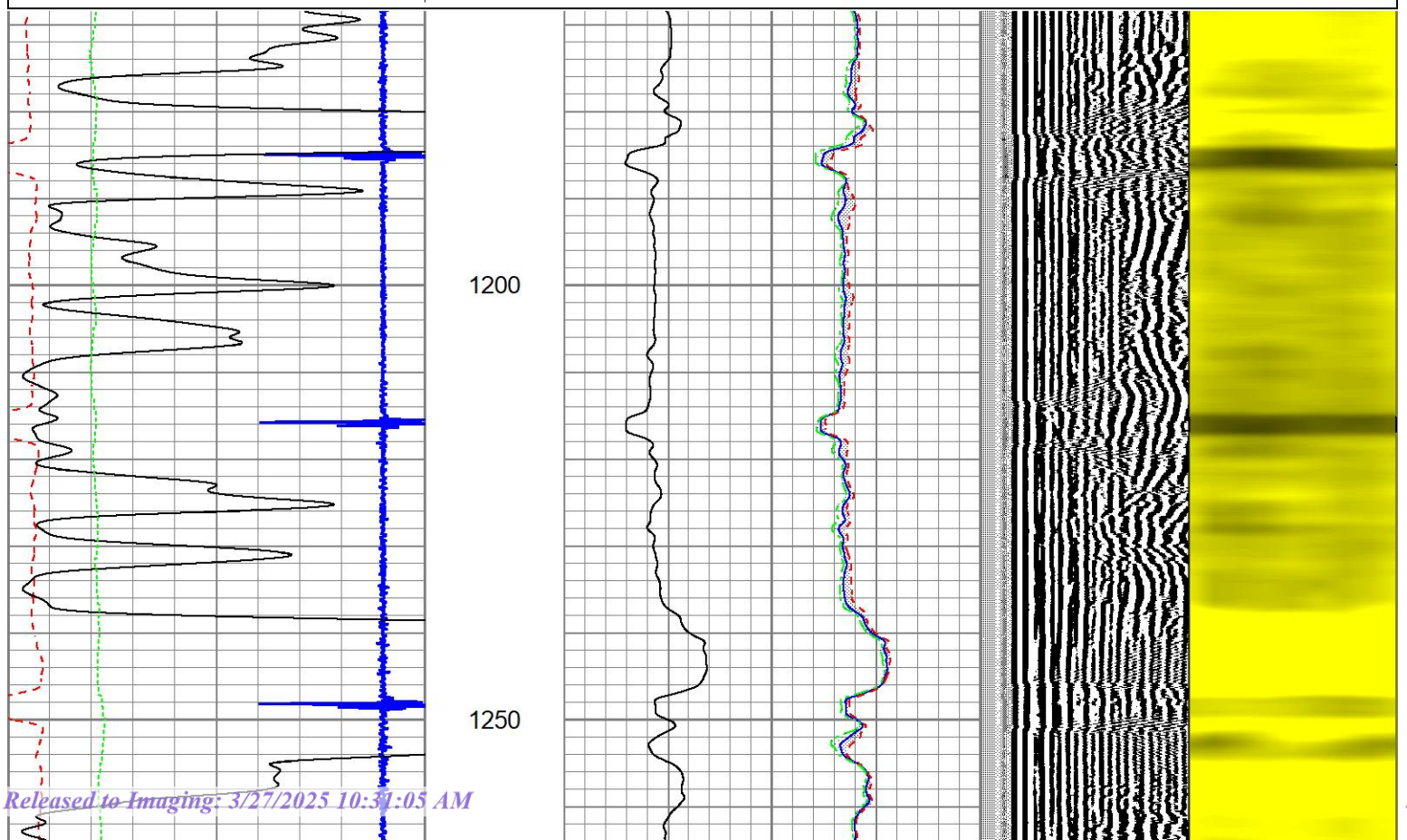
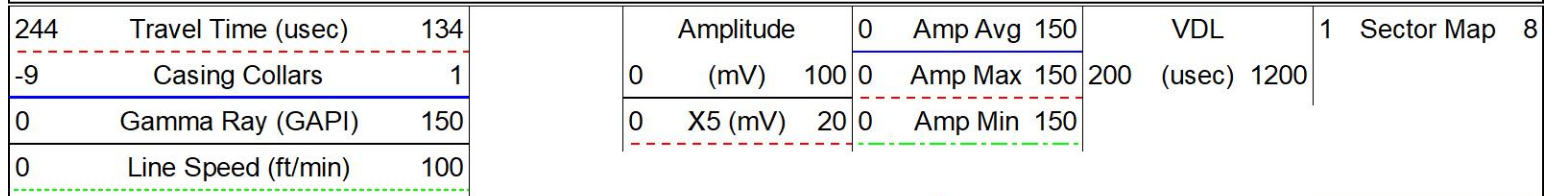
244	Travel Time (usec)	134	Amplitude	0	Amp Avg	150	VDL	1	Sector Map	8
-9	Casing Collars	1	0 (mV)	100	0	Amp Max	150	200 (usec)	1200	
0	Gamma Ray (GAPI)	150	0 X5 (mV)	20	0	Amp Min	150			
0	Line Speed (ft/min)	100								

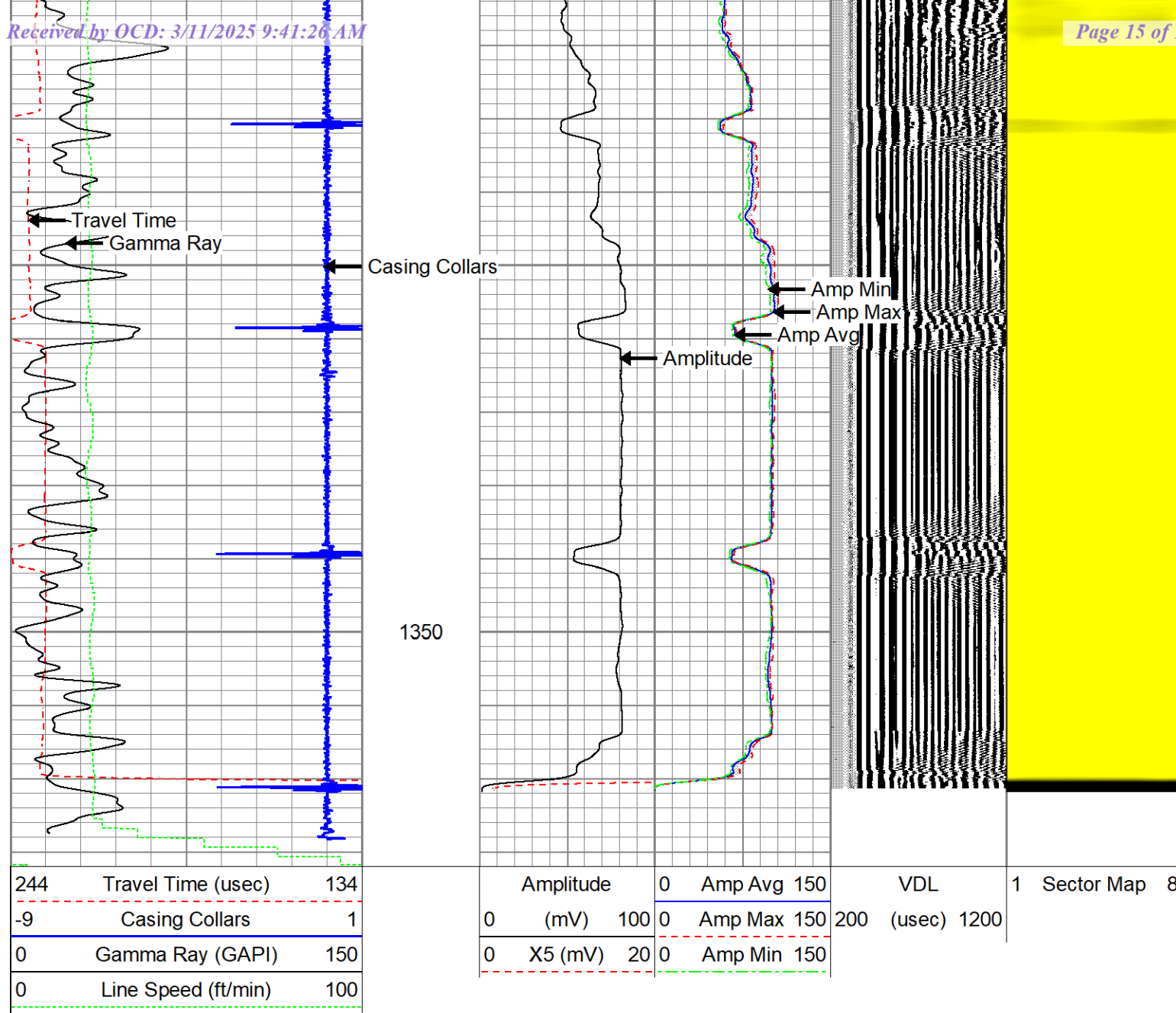




Freepipe Pass

Database File rc1078_permian.db
 Dataset Pathname pass9
 Presentation Format _scblt
 Dataset Creation Sat Feb 22 15:18:10 2025
 Charted by Depth in Feet scaled 1:240





Log Variables

DatabaseC:\ProgramData\Warrior\Data\rc1078_permian.db

Dataset field/well/run1/pass13/_vars_

Top - Bottom

BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft
7.875	100	4.5	0.25	11.6	81.2	2	0.8
PERFS	PPT usec	SRFTEMP degF	TDEPTH ft				
No	191	40	1700				

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

Gamma Ray Calibration Report

Serial Number: 27GRL40-XXXX
Tool Model: 27GRL40
Performed: Thu Feb 1 14:12:18 2018

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: 27RBL40-0088
Tool Model: Probe

Calibration Casing Diameter: 4.500 in
Calibration Depth: 1712.042 ft

Master Calibration, performed Sat Feb 22 15:24:21 2025:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.773	3.000	81.196	44.101	3.000
CAL	0.000	1.319				
5'	0.000	0.111	3.000	81.196	703.396	3.000
SUM						
S1	0.000	1.799	0.000	100.000	55.586	0.000
S2	0.000	1.875	0.000	100.000	53.327	0.000
S3	0.000	1.837	0.000	100.000	54.448	0.000
S4	0.000	1.773	0.000	100.000	56.416	0.000
S5	0.000	1.732	0.000	100.000	57.733	0.000
S6	0.000	1.728	0.000	100.000	57.867	0.000
S7	0.000	1.742	0.000	100.000	57.414	0.000
S8	0.000	1.792	0.000	100.000	55.816	0.000

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	1.319	1.000	0.000

Air Zero Calibration, performed Sat Feb 22 13:09:59 2025:

	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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-1_4	1.00	1.36	5.00
			CENT-2.75" 2.75" Variable Cent	2.83	2.75	15.00
HeadVolt	16.33					
IntTemp	14.91					
WVFS8	11.66		RBT-Probe (27RBL40-0088) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFS7	11.66					
WVFS6	11.66					
WVFS5	11.66					
WVFS4	11.66					
WVFS3	11.66					
WVFS2	11.66					
WVFS1	11.66					
WVFCAL	11.66					
WVF3FT	11.66					
WVF5FT	10.66					
HEADVOLT	7.41					
			CENT-2.75" 2.75" Variable Cent	2.83	2.75	15.00
CCL	3.67					
GR	2.42		GR-27GRL40 (27GRL40-XXXX) 2 3/4" Probe Gamma Ray	4.58	2.75	35.00

Released to Imaging: 3/27/2025 10:31:05 AM

Dataset:	rc1078_permian.db: field/well/run1/pass11
Total length:	20.16 ft
Total weight:	160.00 lb
O.D.:	2.75 in



Company	Permian Resources
Well	South Lucky Lake Queen#1A Unit 006
Field	Delaware
County	Chaves
State	New Mexico

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 441119

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 441119
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Future C-103P submissions from operator must include the P&A marker GPS coordinates.	3/27/2025