

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

WELL API NO. 30-005-60371
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. L0-1894-1
7. Lease Name or Unit Agreement Name SOUTH LUCKY LAKE UNIT
8. Well Number 002
9. OGRID Number 371067
10. Pool name or Wildcat LUCKY LAKE QUEEN, SOUTH

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 BAR V BARB, LLC	
3. Address of Operator P.O. BOX 4435, ROSWELL, NM 88202	
4. Well Location	
Unit Letter N : 660 feet from the SOUTH line and 2310 feet from the WEST line	
Section 16 Township 15S Range 29E NMPM CHAVES County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,824.5' – 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 02/27/2025

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 JUNE 6, 2024, NMOCDD HAS AUTHORIZED PERMIAN RESOURCES TO PLUG AND ABNDON THE SOUTH LUCKY LAKE QUEEN UNIT #001 AND #002 WELLS (API#'S 30-005-60360 & 30-005-60371) ON NMOCDD'S BEHALF PURSUANT TO ITS AUTHORITY UNDER ORDER NO. R-21756. PERMIAN RESOURCES OPERATING, LLC RESPECTFULLY SUBMITS THIS SUBSEQUENT REPORT OF P&A ON BEHALF OF BAR V BARB, LLC.

02/25/2025: SET 4-1/2" CIBP @ 1,720'; CIRC. HOLE W/ M.L.F. X PRES. TEST CSG. TO 500# X HOLD FOR 30 MINS. – HELD OK; RUN CBL – TOC +/-1,400'; PUMP (25) SXS. CLASS "C" CMT. @ 1,720'; WOC.
 02/26/2025: TAG TOC @ 1,357'; PERF. X SQZ. (160) SXS. CLASS "C" CMT. @ 1,270'; WOC X TAG TOC @ 748'; PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (120) SXS. CLASS "C" CMT. @ 338'-3'.
 02/27/2025: DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; TOP OFF ALL ANNULI W/ CMT.; WELD ON STEEL PLAT TO CSGS. X INSTALL BELOW GROUND DRY HOLE MARKER.

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

MIRU PXA EQUIP.: 02/24/25

RDMO PXA EQUIP.: 02/27/25

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: 3/4/2025

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 30-005-60371

WELL PXA 02/27/2025

OPERATOR BAR V BARB LLC (371067)

LEASENAME SOUTH LUCKY LAKE QUEN UNIT

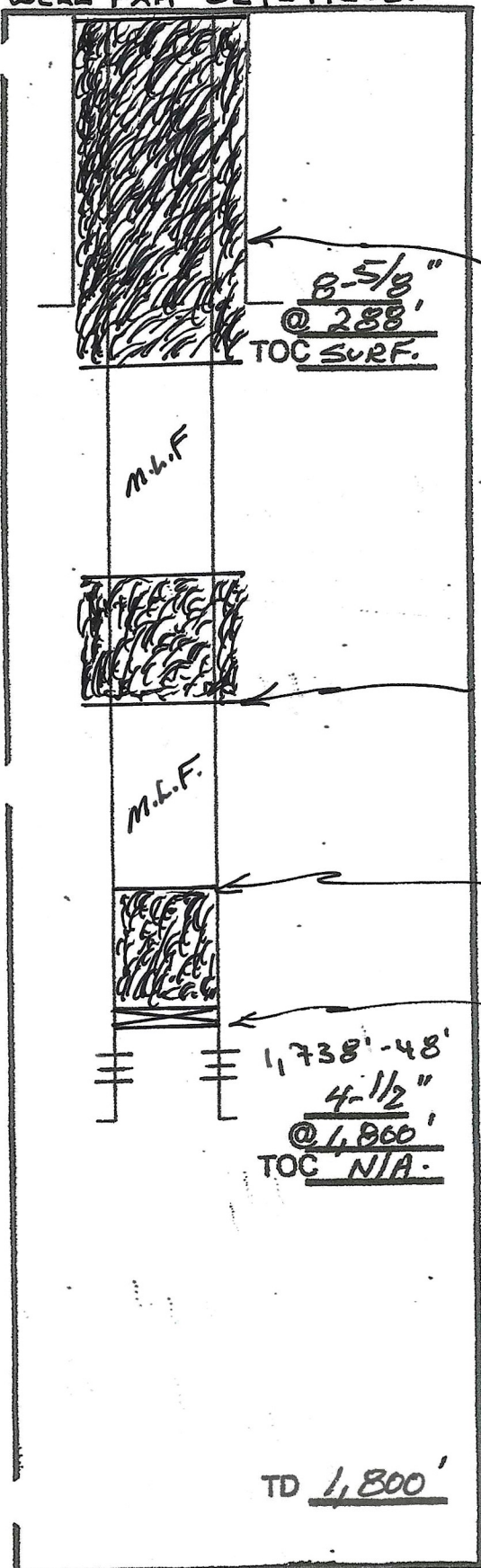
WELL # 002

SECT 16 TWN 15S RNG 29E

FROM 660' N 60° L 2.316' E 10° L

TD: 1,800' FORMATION @ TD

PBD: 1,772' FORMATION @ PBD



CIRC. (120) SXS @ 338' - 3'

PERF. X SXS. (160) SXS @ 1,270' - 748'

Pump (25) SXS @ 1,720' - 1,357'

SET 4-1/2" CRBPO 1,720'

1,738' - 48'
 4-1/2"
 @ 1,860'
 TOC N/A.

TD 1,800'

DAE 02/28/2025

APR 30 1960
SOUTH LUCKY LAKE
UNIT #002
T-153 R29 E SL 2310 SEC 16
660 ASL 2310 SEC 16
02-27-25 N4P M CHAN CO



RADIAL CEMENT BOND LOG

Company Permian Resources Well South Lucky Lake Queen Unit 002 Field Deleware County Caves State New Mexico		Company Permian Resources Well South Lucky Lake Queen Unit 002 Field Deleware County Caves State New Mexico	
Location: API # : 30-05-60371 SEC TWP RGE		Other Services	
Permanent Datum Log Measured From Drilling Measured From	GL GL GL	Elevation Above Perm. Datum Elevation	K.B. D.F. GL
Date 2-25-2025			
Run Number	1		
Depth Driller			
Depth Logger	1,702'		
Bottom Logged Interval	1,702		
Top Log Interval	225'		
Open Hole Size			
Type Fluid	8.6		
Density / Viscosity			
M. Recorded Temp.	NA		
M. Wellhead Pressure	0 PSI		
Time Well Ready	ROA		
Time Logger on Bottom	1:00PM		
Equipment Number	BMWU-16		
Location	Midland Texas		
Recorded By	Robert Carlson		
Witnessed By	Armando Hogue		
Tubing Record	Size	Wt/Ft	Top
Stucco Casing			Bottom
Production Casing	4.5	11.6	
Liner 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

Zero from ground level

THANK YOU FOR USING YELLOWJACKET OILFIELD SERVICES!

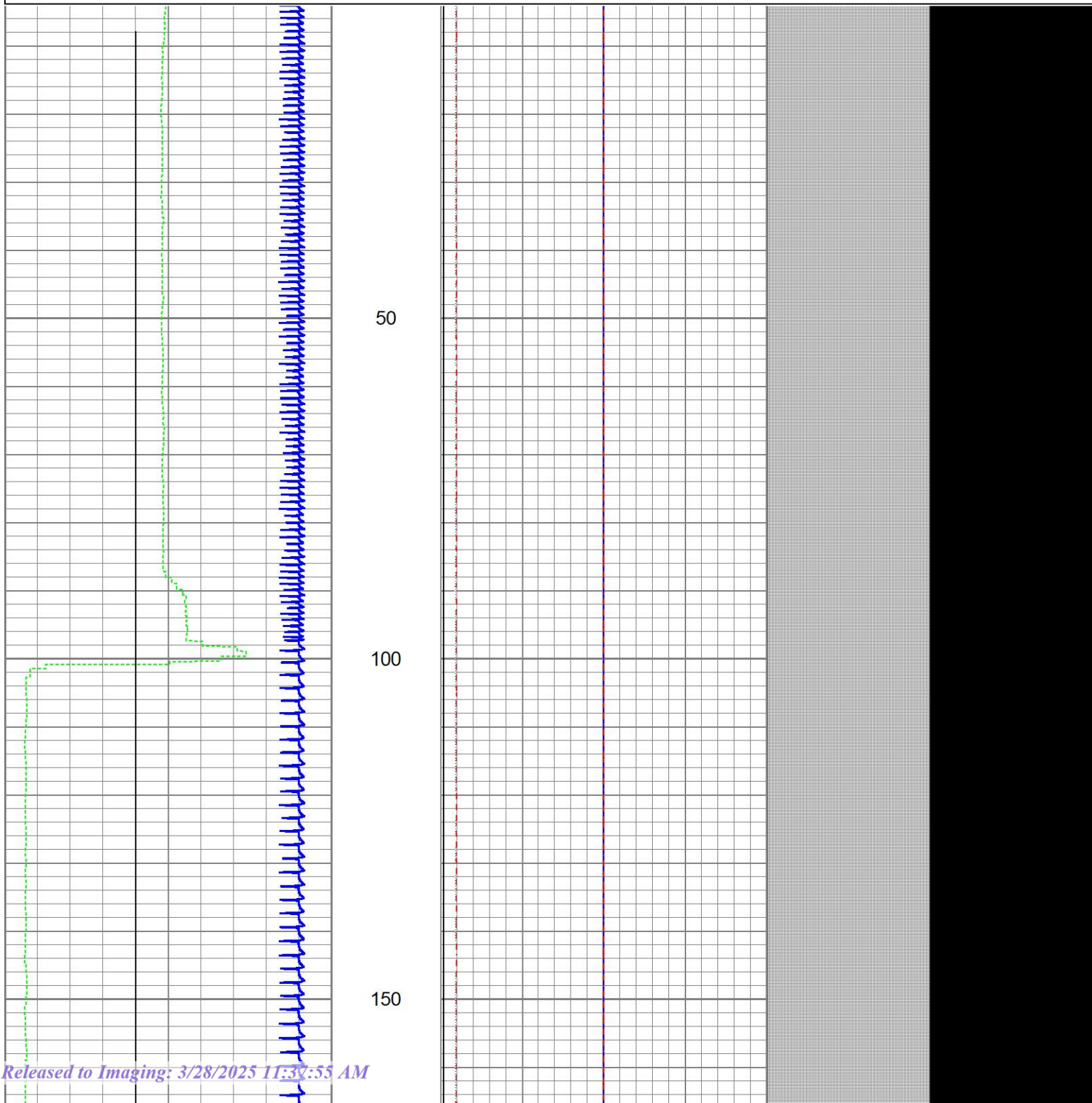
Your YellowJacket Oilfield Services Crew	Tool Data - Services	Serial Number
Engineer: Robert Carlson	YJRBL0088	
Operator: Bill Bayly		
Operator: Ernesto Jimenez		
Operator:		

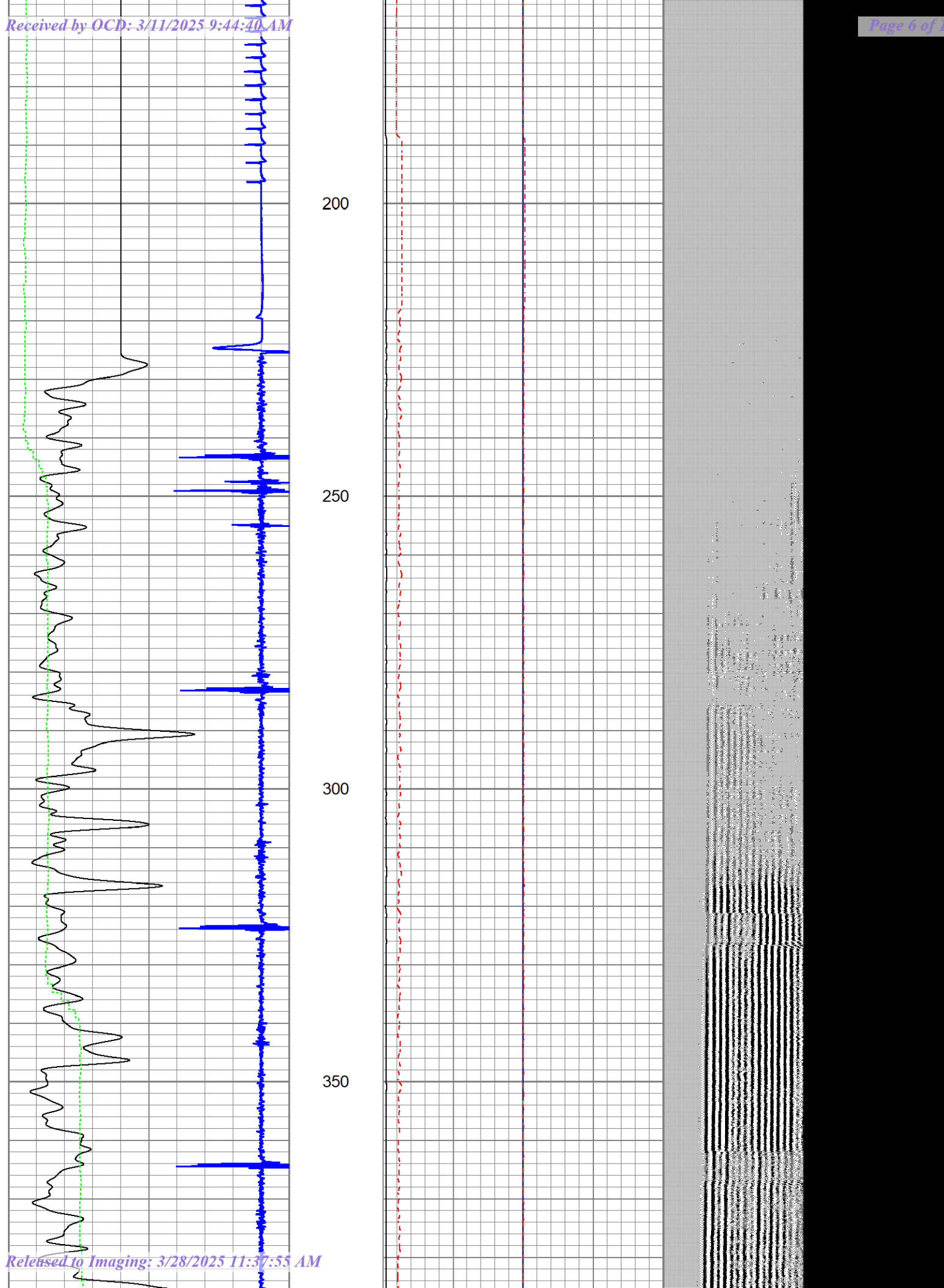


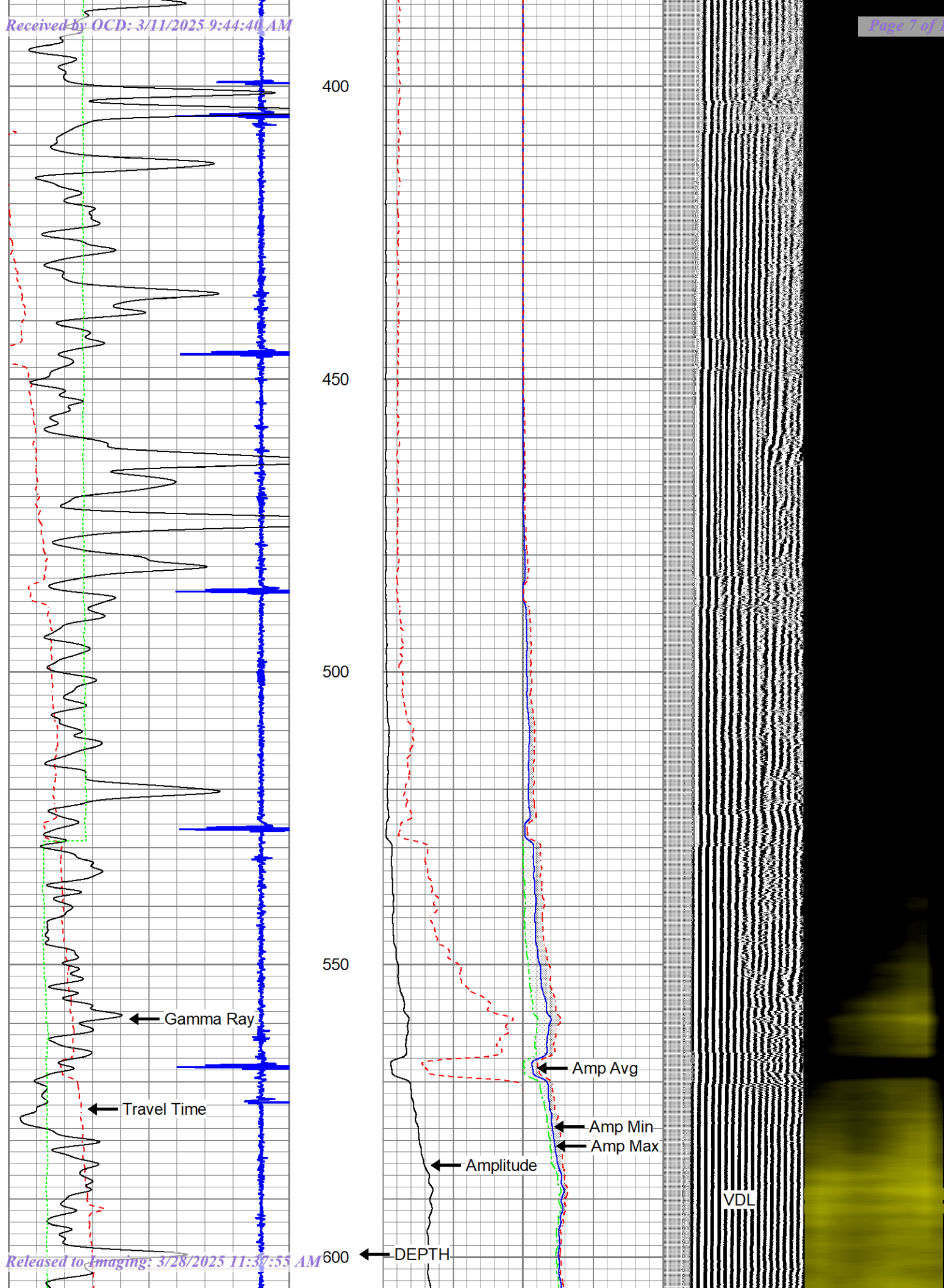
Main Pass

Database File rc1079_permian.db
Dataset Pathname pass11
Presentation Format _scblt
Dataset Creation Tue Feb 25 13:48:32 2025
Charted by Depth in Feet scaled 1:240

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







← Line Speed

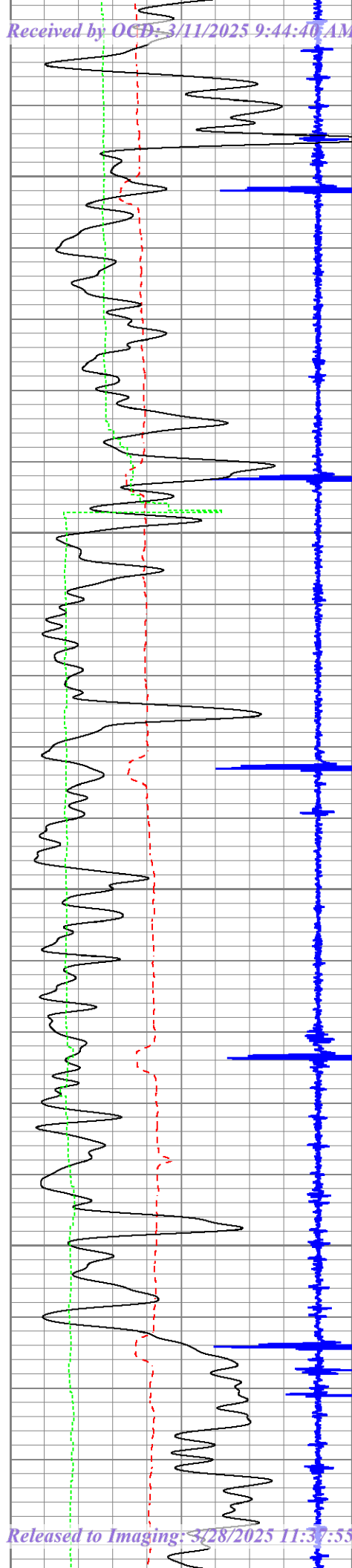
Sector Map

650

700

750

800

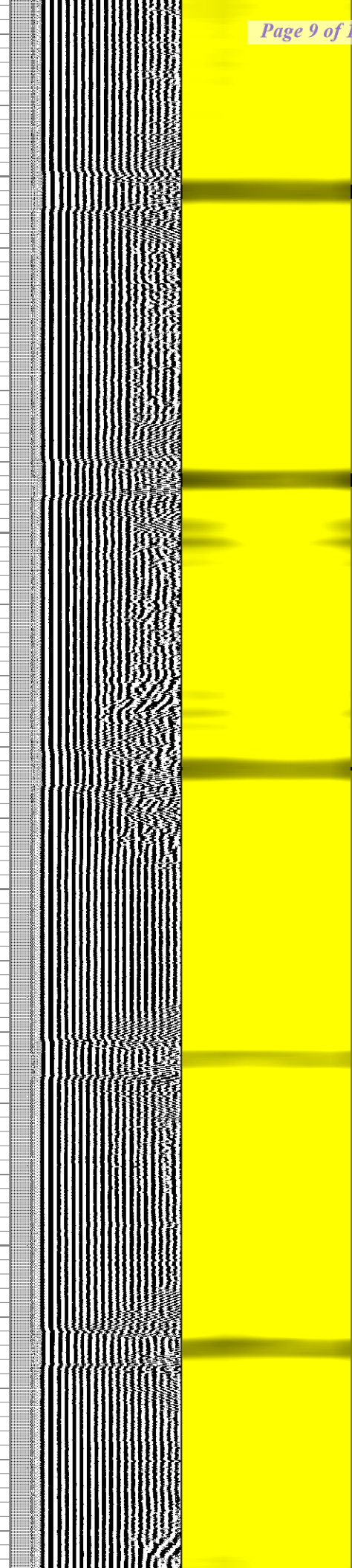
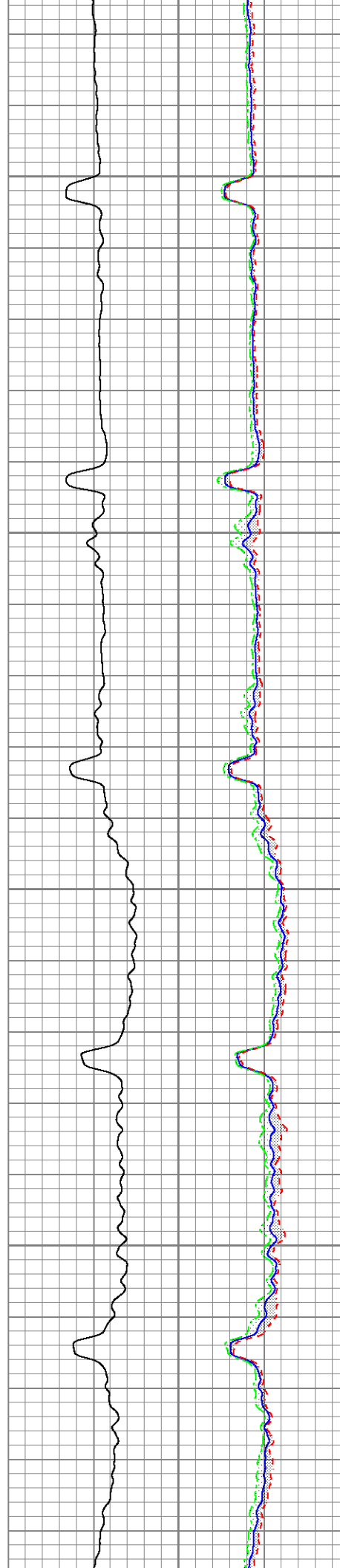


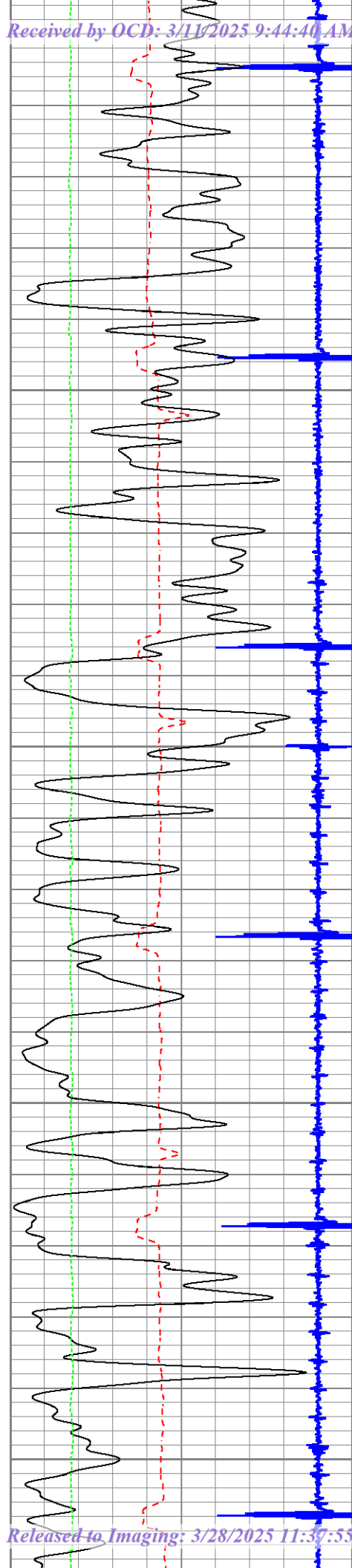
850

900

950

1000





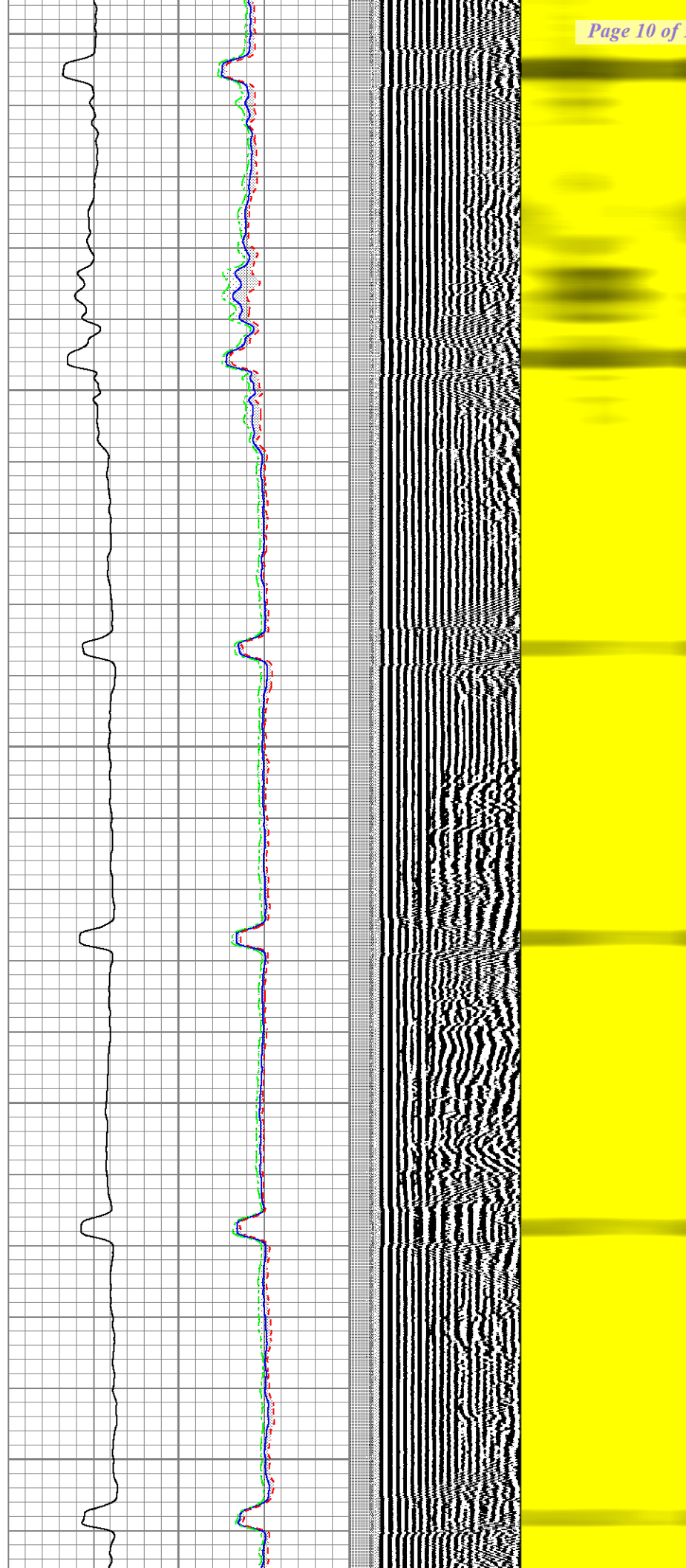
1050

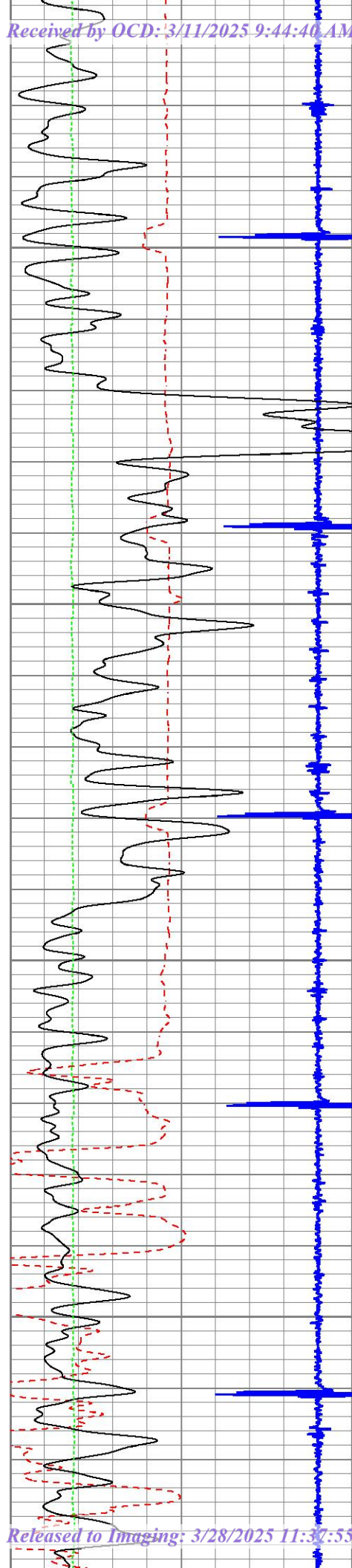
1100

1150

1200

1250



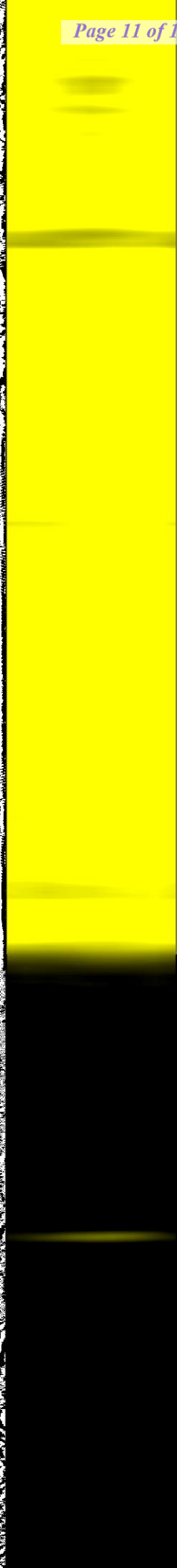
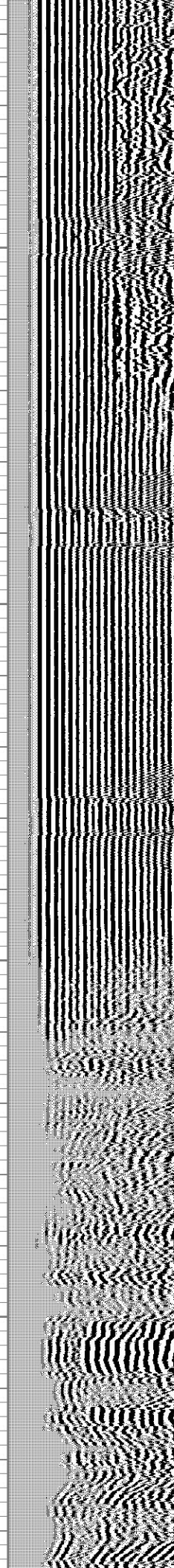
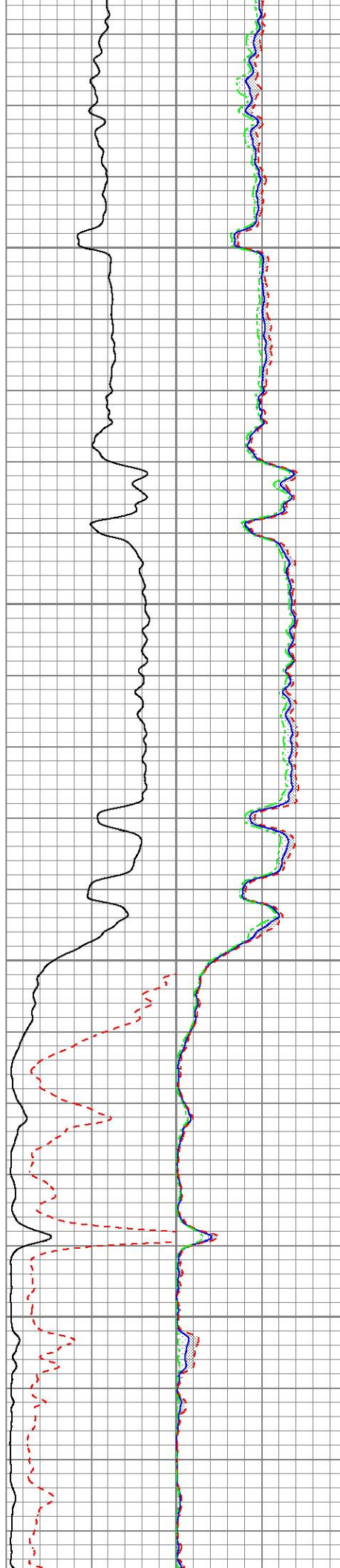


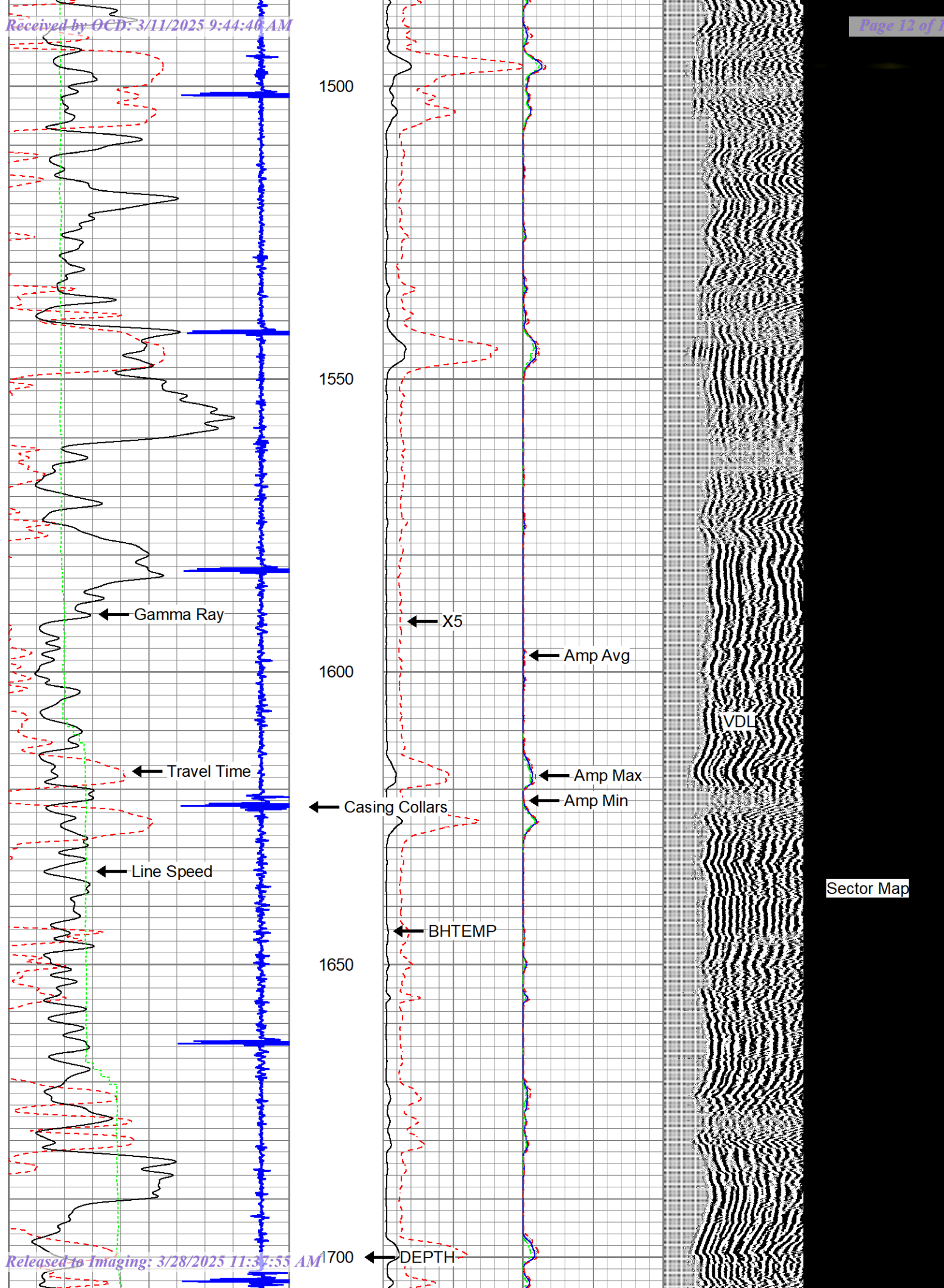
1300

1350

1400

1450





310	Travel Time (usec)	200
-9	Casing Collars	1
0	Gamma Ray (GAPI)	150
0	Line Speed (ft/min)	100

Amplitude	0	Amp Avg	150
0 (mV)	100	0 Amp Max	150
0 X5 (mV)	20	0 Amp Min	150

VDL 200 (usec) 1200

1 Sector Map 8



Repeat Main Pass

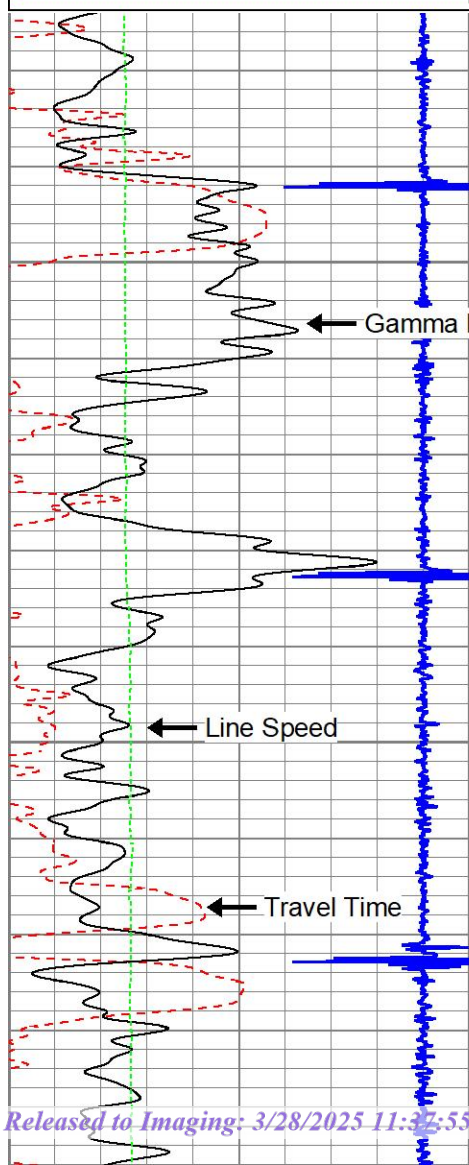
Database File rc1079_permian.db
 Dataset Pathname pass10
 Presentation Format _scblt
 Dataset Creation Tue Feb 25 13:43:39 2025
 Charted by Depth in Feet scaled 1:240

310	Travel Time (usec)	200
-9	Casing Collars	1
0	Gamma Ray (GAPI)	150
0	Line Speed (ft/min)	100

Amplitude	0	Amp Avg	150
0 (mV)	100	0 Amp Max	150
0 X5 (mV)	20	0 Amp Min	150

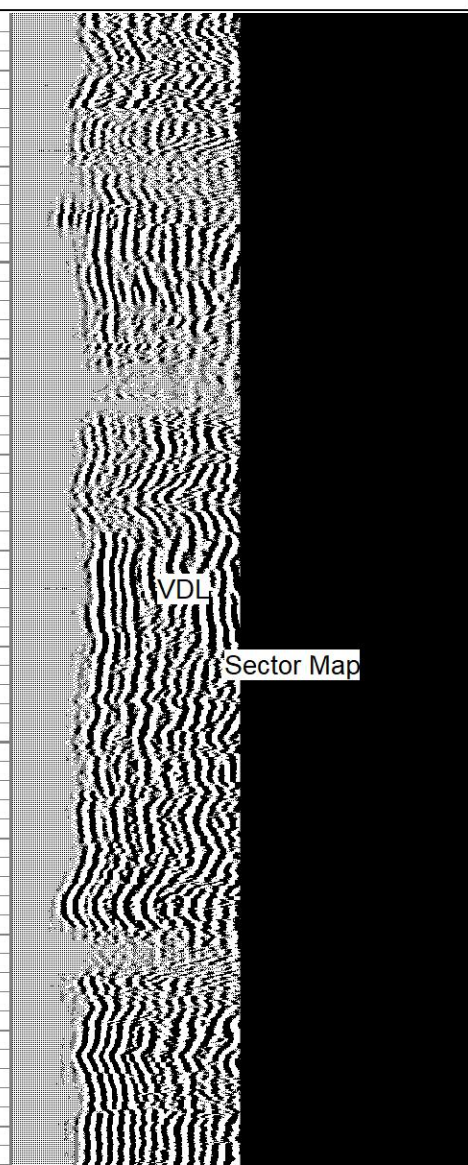
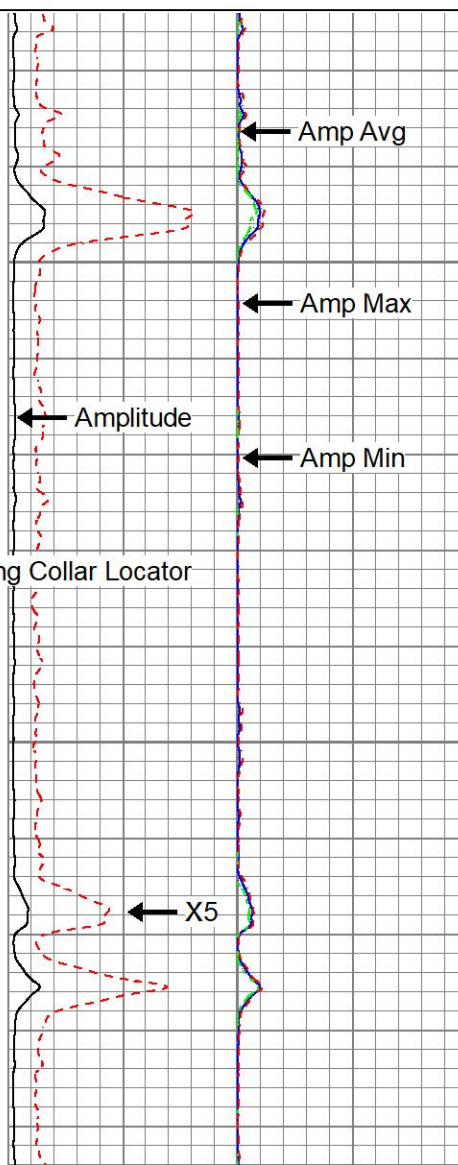
VDL 200 (usec) 1200

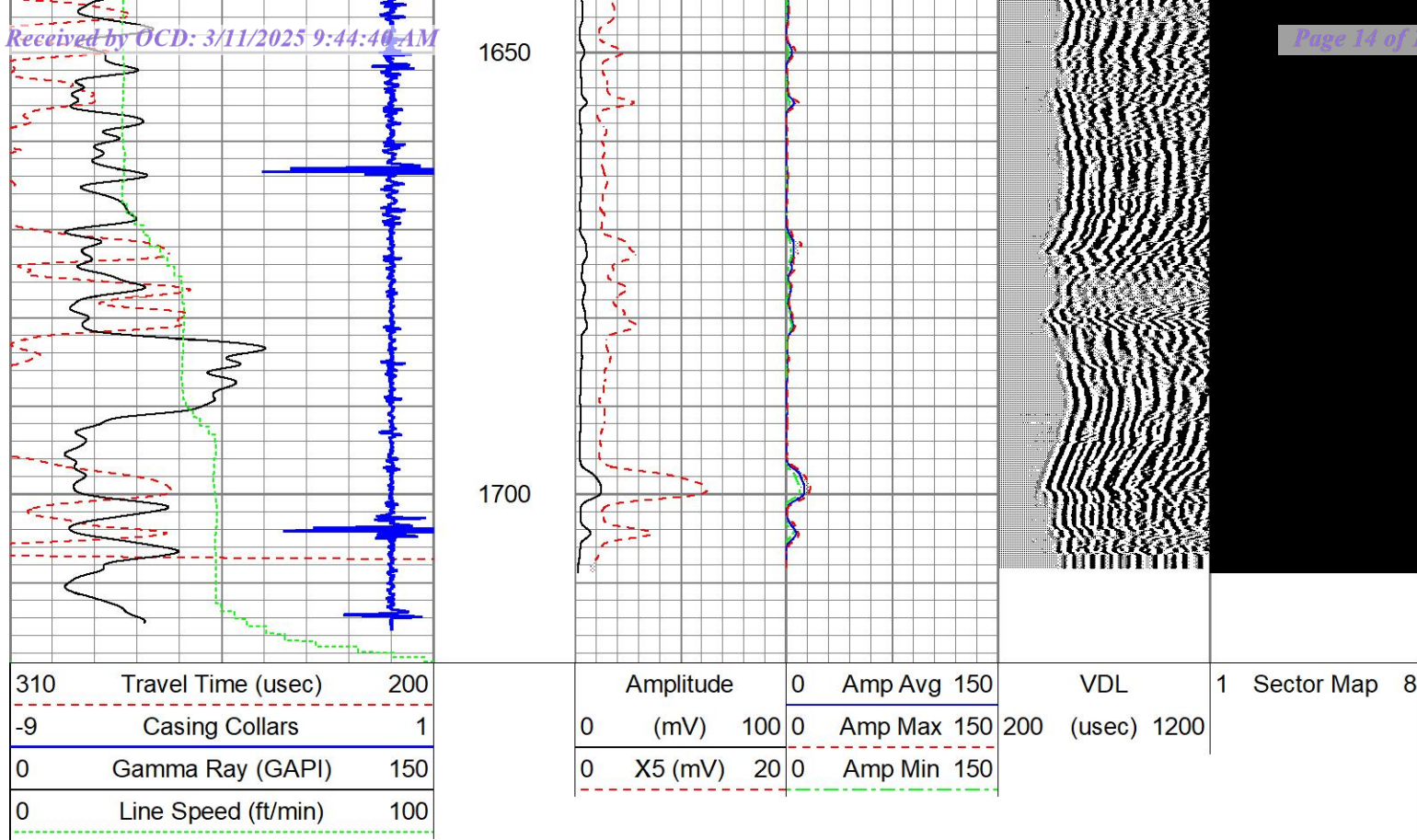
1 Sector Map 8



1550

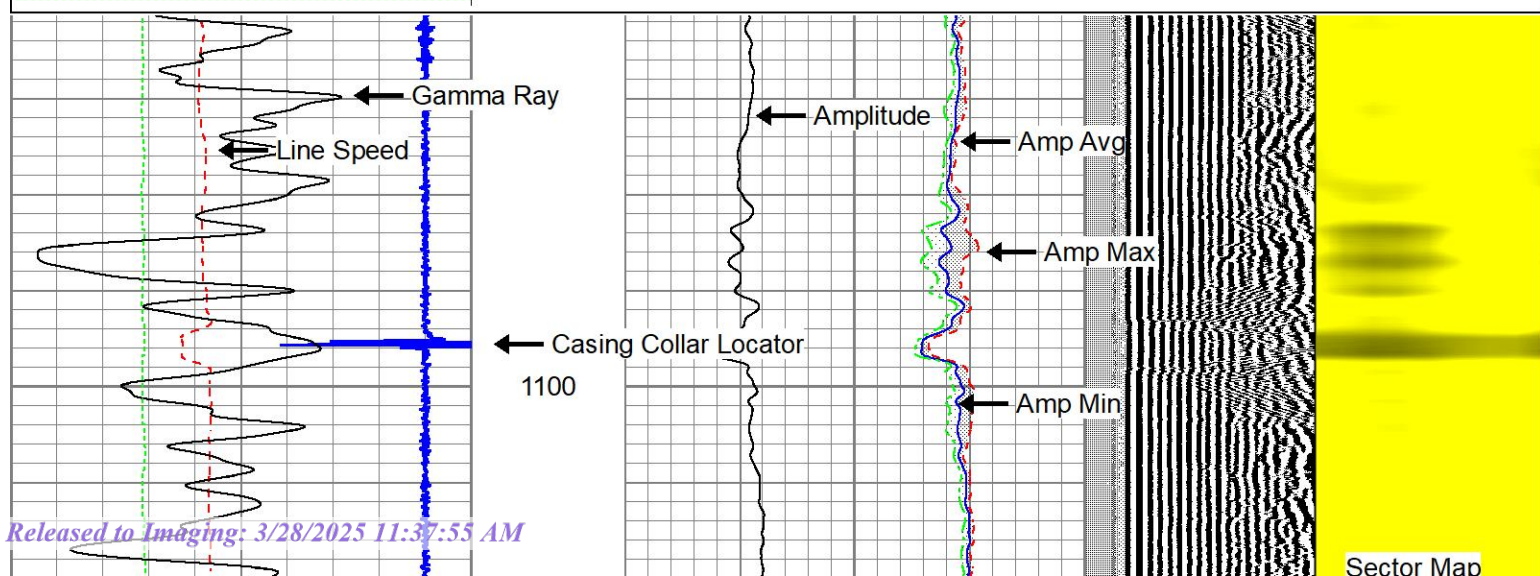
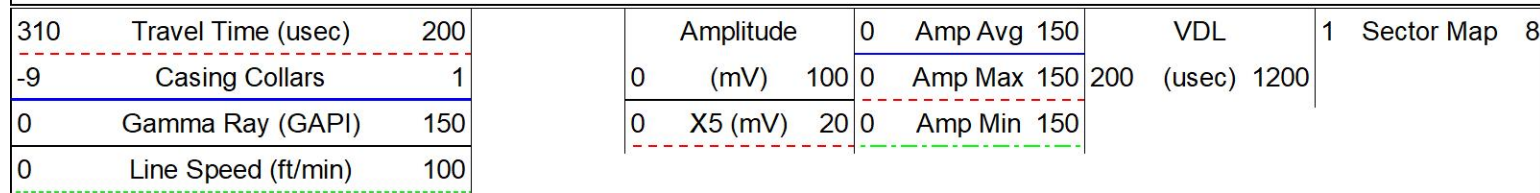
1600

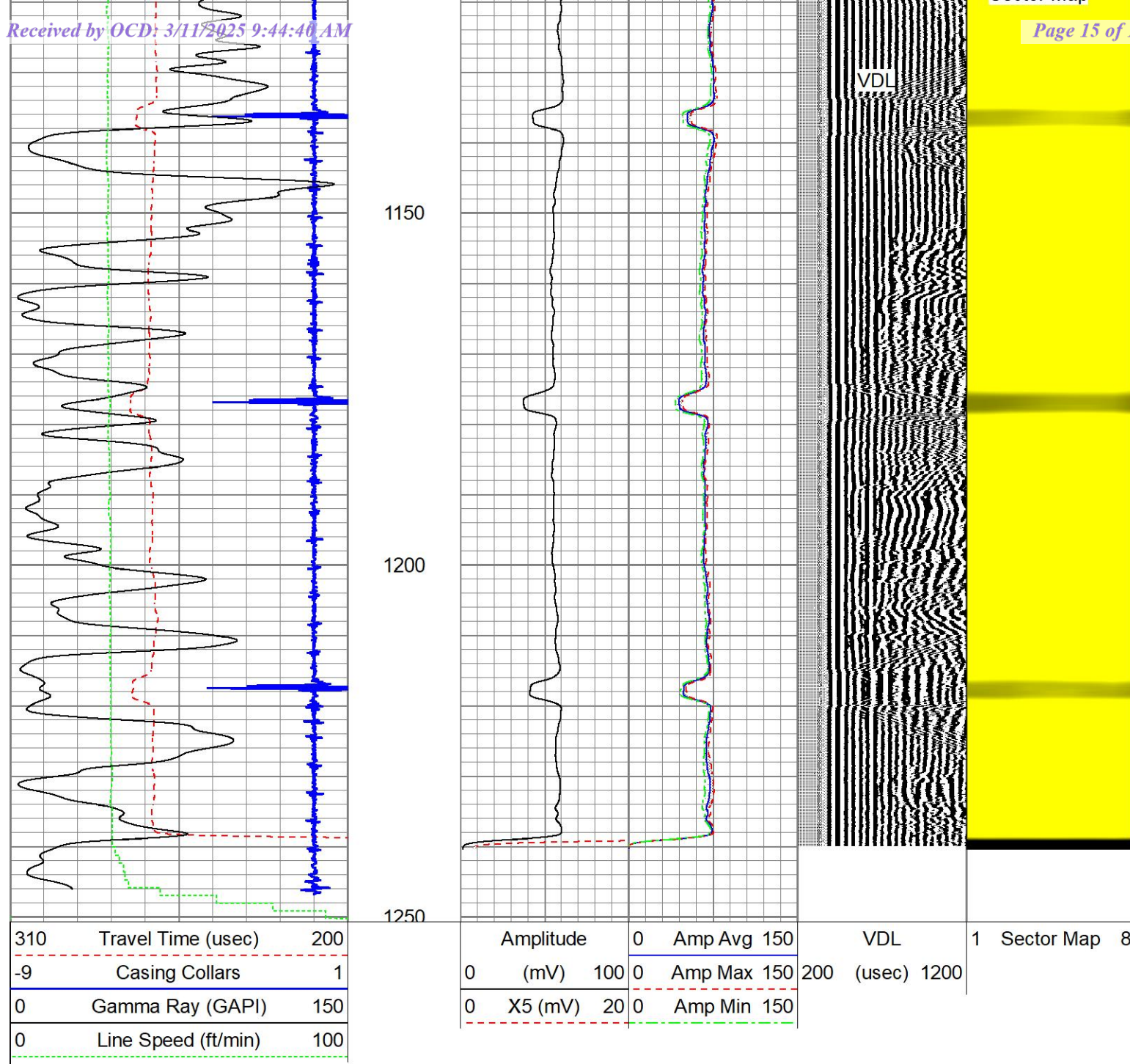




Free Pipe Pass

Database File rc1079_permian.db
Dataset Pathname pass8
Presentation Format _scblt
Dataset Creation Tue Feb 25 13:36:17 2025
Charted by Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HeadVolt	16.33		CHD-1_4	1.00	1.36	5.00
			CENT-2.75" 2.75" Variable Cent	2.83	2.75	15.00
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					
WV3FT	11.66					
WV5FT	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
Dataset: rc1079_permian.db: field/well/run1/pass1 Total length: 20.16 ft Total weight: 160.00 lb O.D.: 2.75 in						

Log Variables

DatabaseC:\ProgramData\Warrior\Data\rc1079_permian.db

Dataset field/well/run1/pass11/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 100	CASEOD in 4.5	CASETHCK in 0.25	CASEWGHT lb/ft 11.6	MAXAMPL mV 81.2	MINAMPL mV 2	MINATTN db/ft 0.8
PERFS No	PPT usec 191	SRFTEMP degF 75	TDEPTH ft 1720				

Variable Description

Calibration Report						
Database File	rc1079_permian.db					
Dataset Pathname	pass11					
Dataset Creation	Tue Feb 25 13:48:32 2025					
Gamma Ray Calibration Report						
Serial Number:	27GRL40-XXXX					
Tool Model:	27GRL40					
Performed:	Thu Feb 1 16:12:18 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:	1250.625	ft				
Master Calibration, performed Tue Feb 25 13:35:12 2025:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.005	0.942	2.000	81.196	84.539	1.571
CAL	0.006	1.004				
5'	0.006	0.947	2.000	81.196	84.180	1.510
SUM						
S1	0.016	1.058	0.000	100.000	95.978	-1.572
S2	0.005	1.125	0.000	100.000	89.282	-0.427
S3	0.005	1.083	0.000	100.000	92.725	-0.449
S4	0.005	0.960	0.000	100.000	104.716	-0.532
S5	0.005	0.864	0.000	100.000	116.372	-0.570
S6	0.005	0.823	0.000	100.000	122.221	-0.621
S7	0.005	0.839	0.000	100.000	119.973	-0.624
S8	0.005	0.913	0.000	100.000	110.088	-0.511
Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	1.004	1.000	0.000
Air Zero Calibration, performed Tue Feb 25 13:33:13 2025:						
	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	

Released to Imaging: 3/28/2025 11:37:55 AM

Received by

OCD: 3/11/2025 9:44:40 AM

Page 18 of 19

SUM	0.000	0.000	0.000
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 Resources Well South Lucky Lake Queen Unit 002 Field Deleware County Caves 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 441127

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 441127
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	3/28/2025