



RADIAL BOND LOG WITH GAMMA RAY

MIDWEST WIRELINE

Comp. Shakespeare Oil Company, Inc.
Well Tractor #1-13
Field
Co. Scott
State Kansas

Company **Shakespeare Oil Company, Inc.**

Well **Tractor #1-13**

Field

County **Scott** State **Kansas**

Location: API # : 15-171-21277-00-00

Other Services

50' FNL & 1270' FEL

SEC 13 TWP 18S RGE 32W

Perf

Permanent Datum GL
Log Measured From KB 8
Drilling Measured From KB
Elevation 2970
Above Perm. Datum
K.B. 2978
D.F. 2976
G.L. 2970

Date of Service 9/20/2021

Run Number One

Depth Driller or PBTD 4602

Depth Logger 4590

Bottom Log Interval 4588

Top Log Interval 3500

Open Hole Size 7.875

Type Fluid Water

Fluid Level 340

Fluid Density N/A

Max. Recorded Temperature 122

Max. Wellhead Pressure 00 PSI

Wellhead Connection Flowtee

Estimated Cement Top 3625

Unit Number 18

Wireline Size 5/16

Location Hays

Recorded By T. Martin

Witnessed By Brian Cable

Size

WMFt

Top

Bottom

8.625

23

00

265

4.5

11.6

00

TD

Liner Record

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline 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

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Scott City, E to Rodeo Rd, 1 N, 1/2 W, S into

THANK YOU FOR USING MIDWEST WIRELINE LLC!

Your Midwest Wireline Crew

Tool Data - Services

Serial Number

Engineer: T. Martin
Operator:
Operator:
Operator:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Cable Head-Titan_144 1 7/16" Titan Cable Head	1.03	1.44	2.00
			Centralizer-275 Probe 2 3/4" Probe Adjustable Spring Centralizer	2.88	2.75	15.00
			PROBE-RBT-DIGITAL-RBL-D (PR-012) Probe 2 3/4" Radii Bond-Digital	8.75	2.75	100.00
WVFS8	11.94					
WVFS7	11.94					
WVFS6	11.94					
WVFS5	11.94					
WVFS4	11.94					
WVFS3	11.94					
WVFS2	11.94					
WVFS1	11.94					
WVFCAL	11.94					
WVF3FT	11.94					
WVF5FT	10.94					
			Centralizer-275 Probe 2 3/4" Probe Adjustable Spring Centralizer	2.88	2.75	15.00
CCL	3.96					
GR	2.63		GR_CCL-2 3/4" Probe (060802)	4.54	2.75	50.00
			Bullnose-PROBE Probe Go Pin Pressure Cap	0.33	1.38	1.00

Dataset: shakespear_tractor #1-13.db: field/well/SCBL/pass4.1

Total length: 20.41 ft

Total weight: 183.00 lb

O.D.: 2.75 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\shakespeare_tractor #1-13.db
Dataset field/well/SCBL/pass4.12/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 122	CASEOD in 4.5	CASETHCK in 0.25	CASEWGHT lb/ft 11.6	MAXAMPL mV 0	MINAMPL mV 1	MINATTN db/ft 0.08
PERFS 0	PPT usec 0	SRFTEMP degF 75	TDEPTH ft 4590				

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



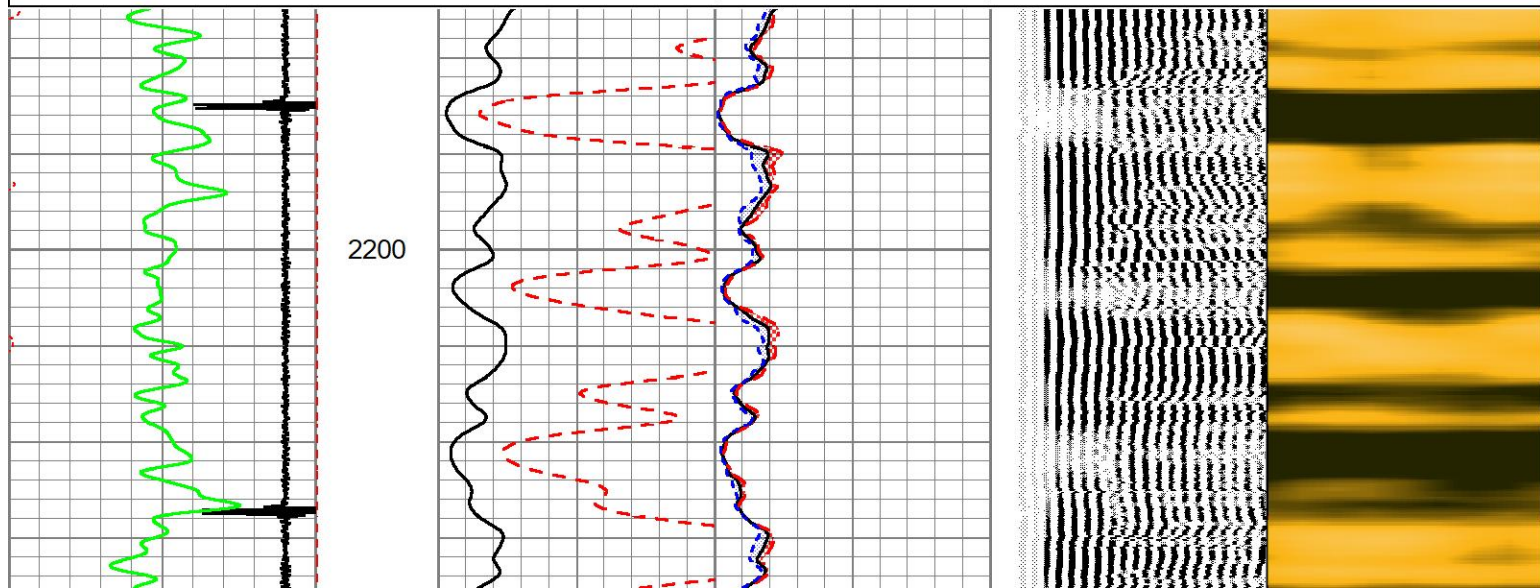
MIDWEST WIRELINE

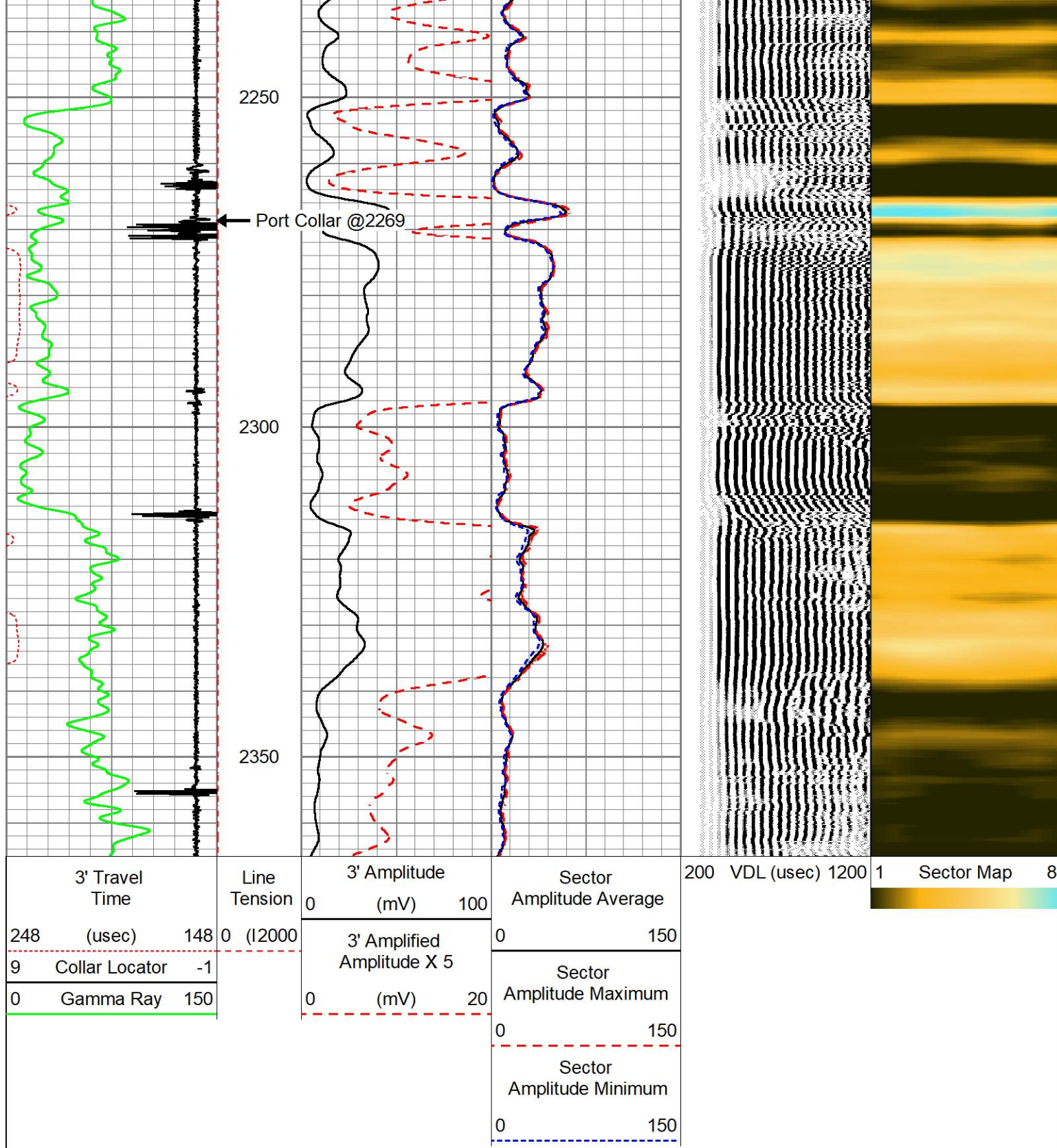
PORT COLLAR @ 2269

ZERO PSI APPLIED AT SURFACE

Database File shakespeare_tractor #1-13.db
Dataset Pathname SCBL/pass5
Presentation Format PINR_S~1
Dataset Creation Mon Sep 20 09:10:47 2021
Charted by Depth in Feet scaled 1:240

3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200 VDL (usec) 1200	1	Sector Map	8
248 (usec) 148	0 (12000)	0 100	0 150				
9 Collar Locator -1		3' Amplified Amplitude X 5					
0 Gamma Ray 150		0 (mV) 20	Sector Amplitude Maximum				
			0 150				
			Sector Amplitude Minimum				
			0 150				



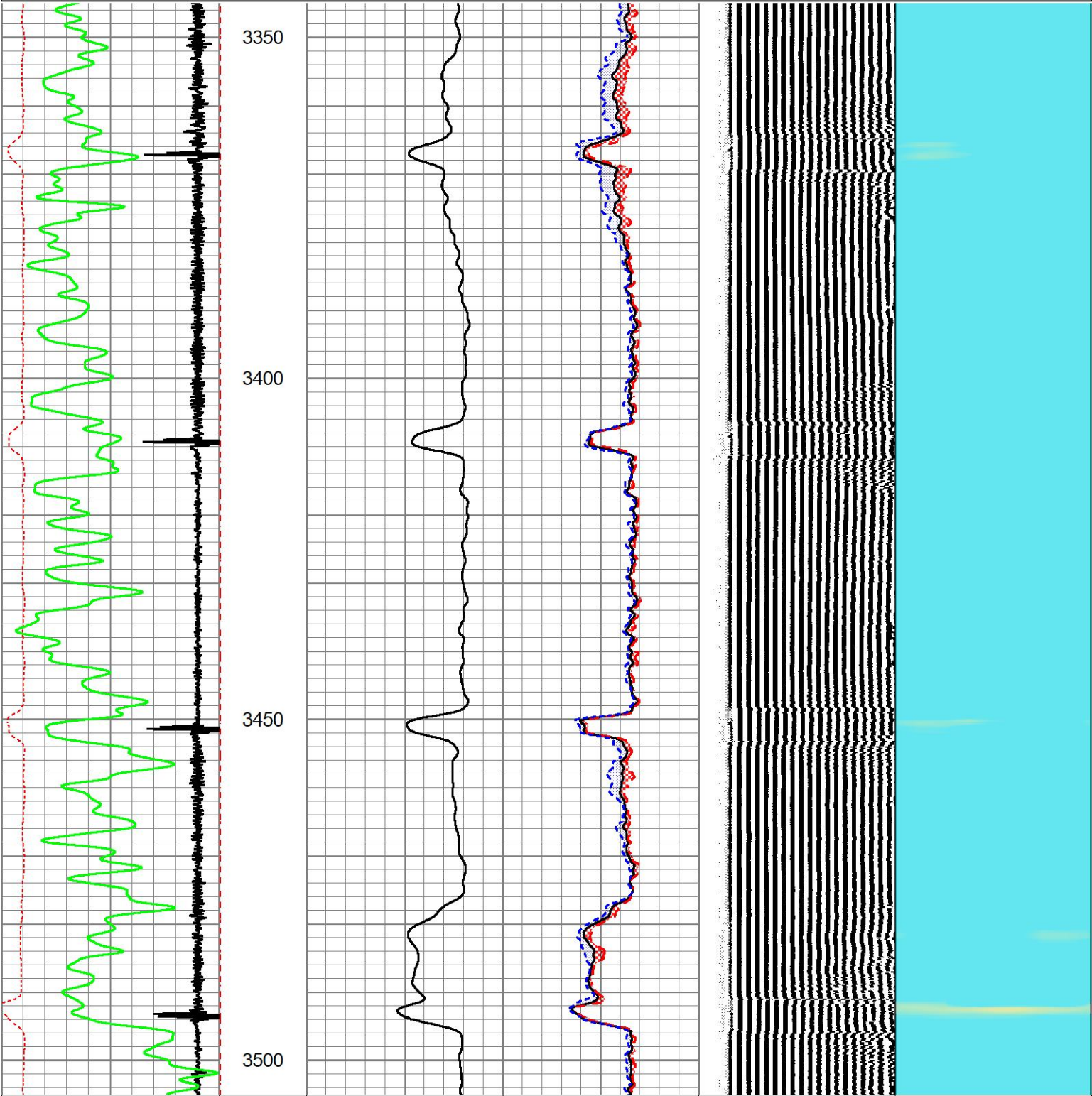


FREE PIPE SECTION

ZERO PSI APPLIED AT SURFACE

Database File shakespeare_tractor #1-13.db
 Dataset Pathname SCBL/pass2
 Presentation Format PINR_S~1
 Dataset Creation Mon Sep 20 08:36:42 2021
 Charted by Depth in Feet scaled 1:240

3' Travel Time			Line Tension	3' Amplitude (mV)		Sector Amplitude Average		200	VDL (usec)	1200	Sector Map		8	
248	(usec)	148		0	100	0	150							
9	Collar Locator	-1	0 (I2000	3' Amplified Amplitude X 5		Sector Amplitude Maximum		0						
0	Gamma Ray	150		0	20	0	150							
				Sector Amplitude Minimum		0	150							



3' Travel Time			Line Tension	3' Amplitude (mV)		Sector Amplitude Average		200	VDL (usec)	1200	1	Sector Map	8
248	(usec)	148		0	100	0	150						
			0 (12000	3' Amplified Amplitude X 5									

9	Collar Locator	-1	Amplitude X 5	Sector
0	Gamma Ray	150	0 (mV) 20	Amplitude Maximum
			0 150	
				Sector
				Amplitude Minimum
			0 150	

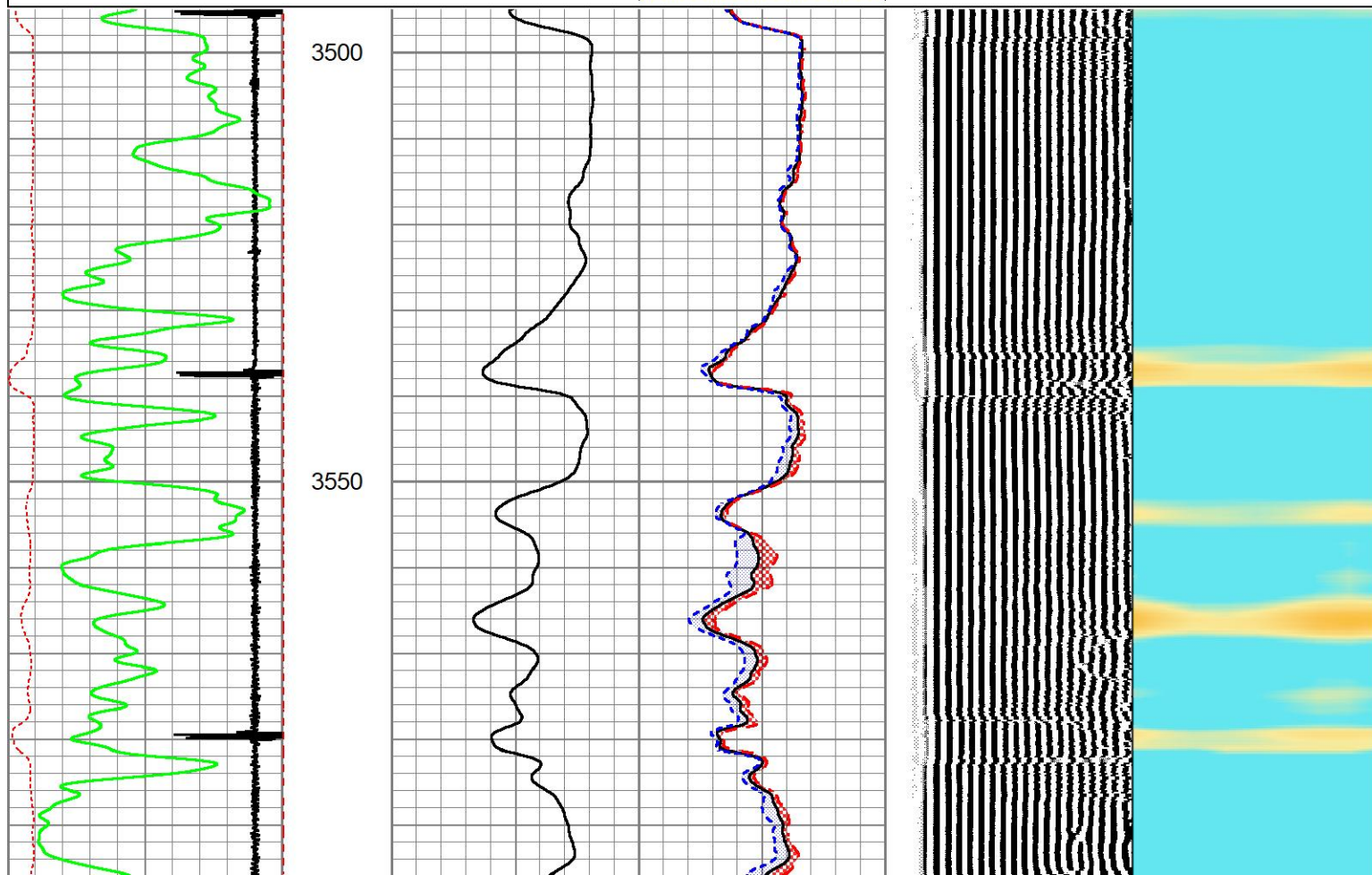


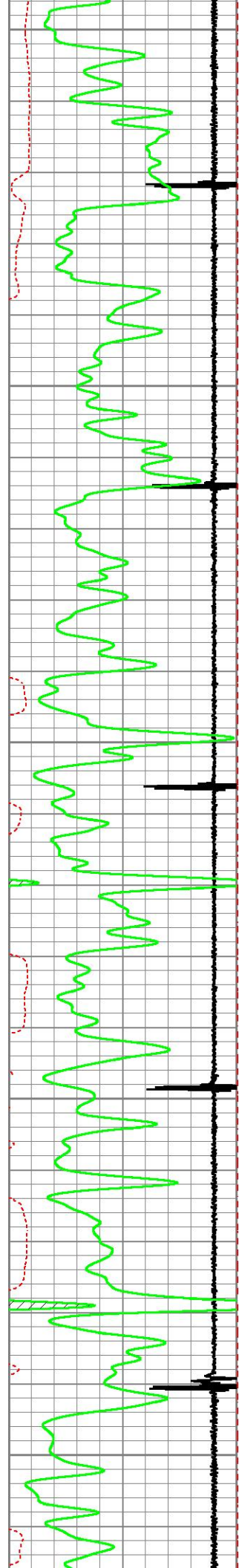
MAIN LOG

ZERO PSI APPLIED AT SURFACE

Database File shakespeare_tractor #1-13.db
Dataset Pathname SCBL/pass4.5
Presentation Format PINR_S~1
Dataset Creation Mon Sep 20 10:56:10 2021
Charted by Depth in Feet scaled 1:240

3' Travel Time	Line Tension	3' Amplitude (mV)	Sector Amplitude Average	200 VDL (usec) 1200	1 Sector Map 8
248 (usec) 148	0 (12000)	0 100	0 150		
9 Collar Locator -1		3' Amplified Amplitude X 5	Sector		
0 Gamma Ray 150		0 (mV) 20	Amplitude Maximum		
			0 150		
			Sector		
			Amplitude Minimum		
			0 150		





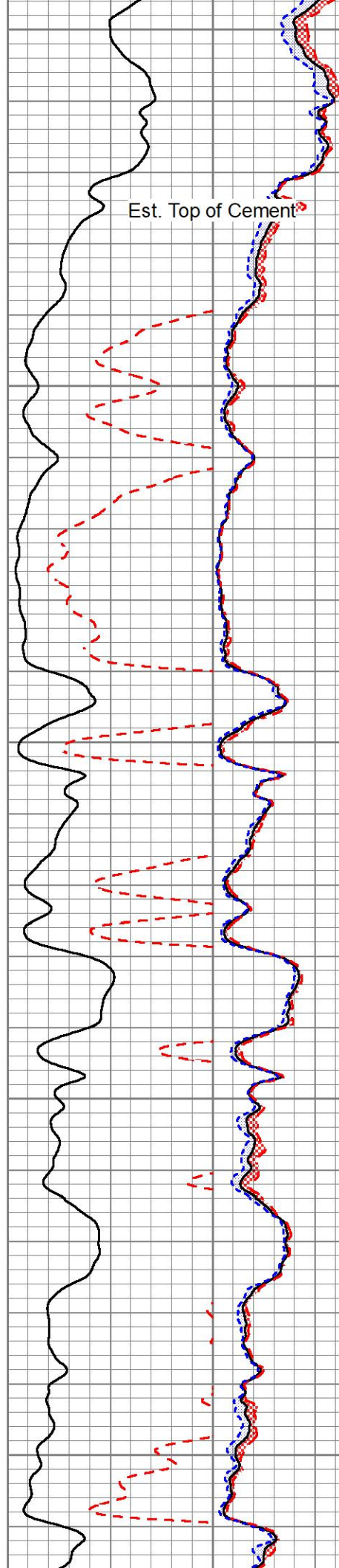
3600

3650

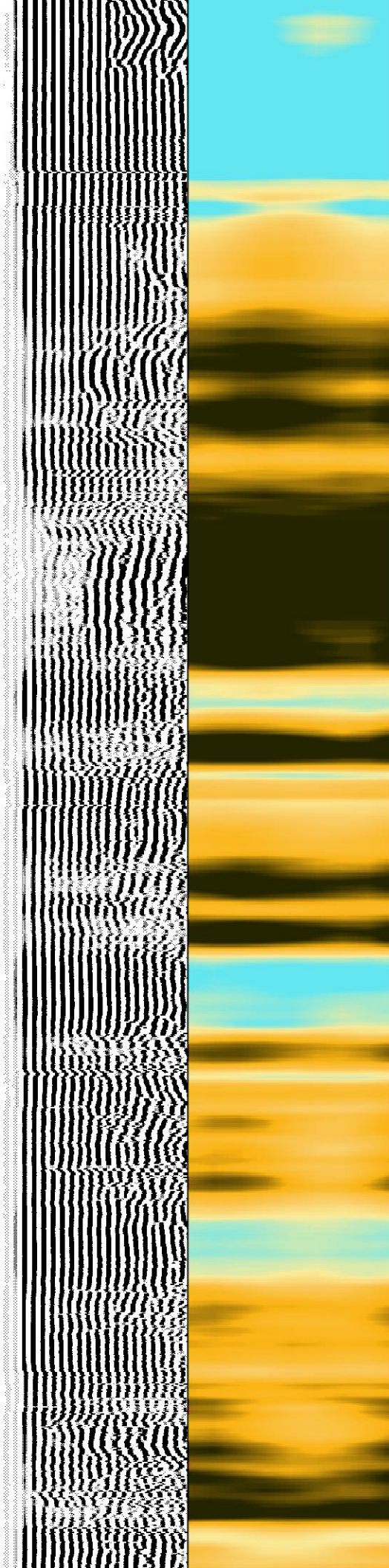
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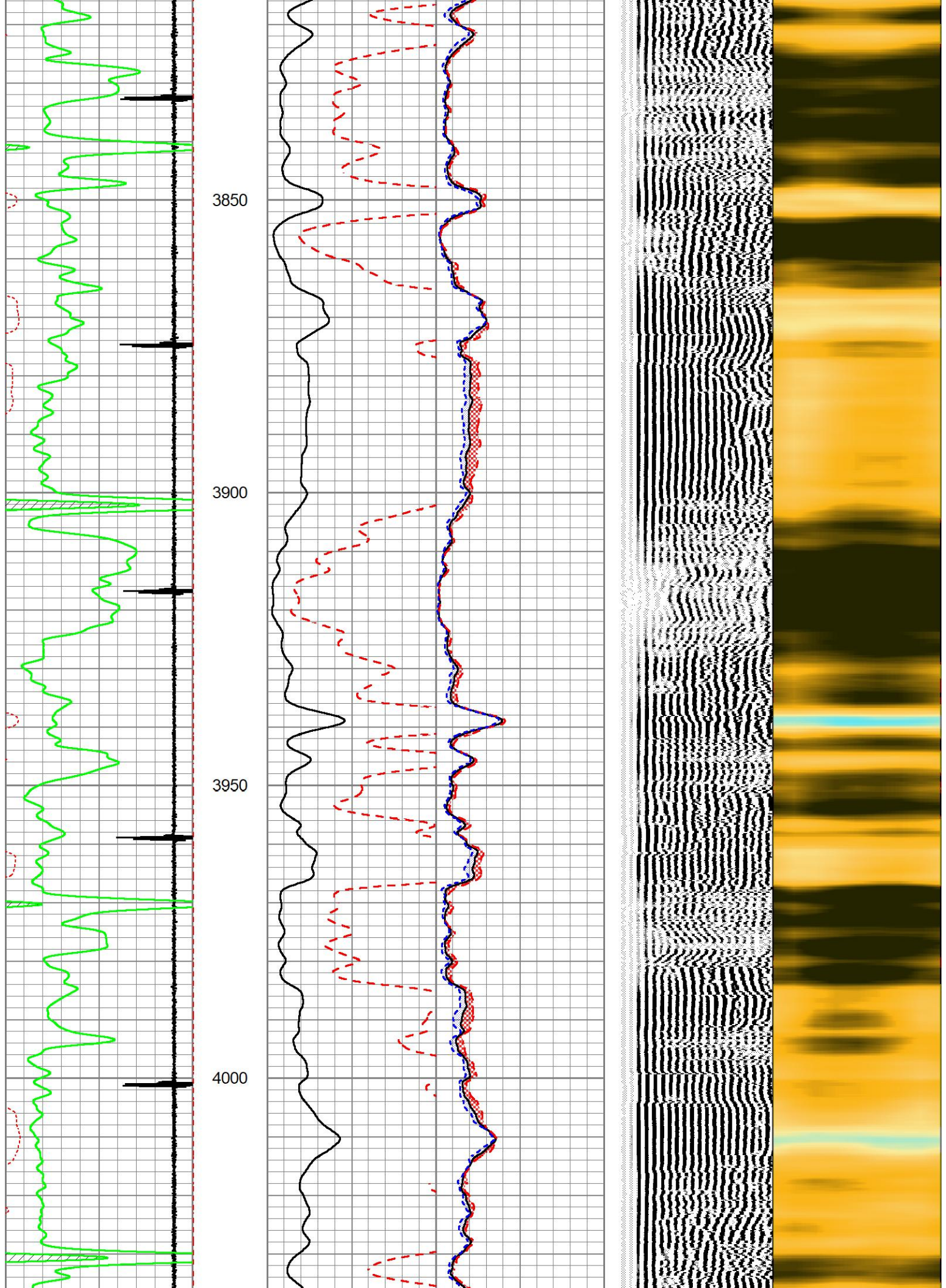
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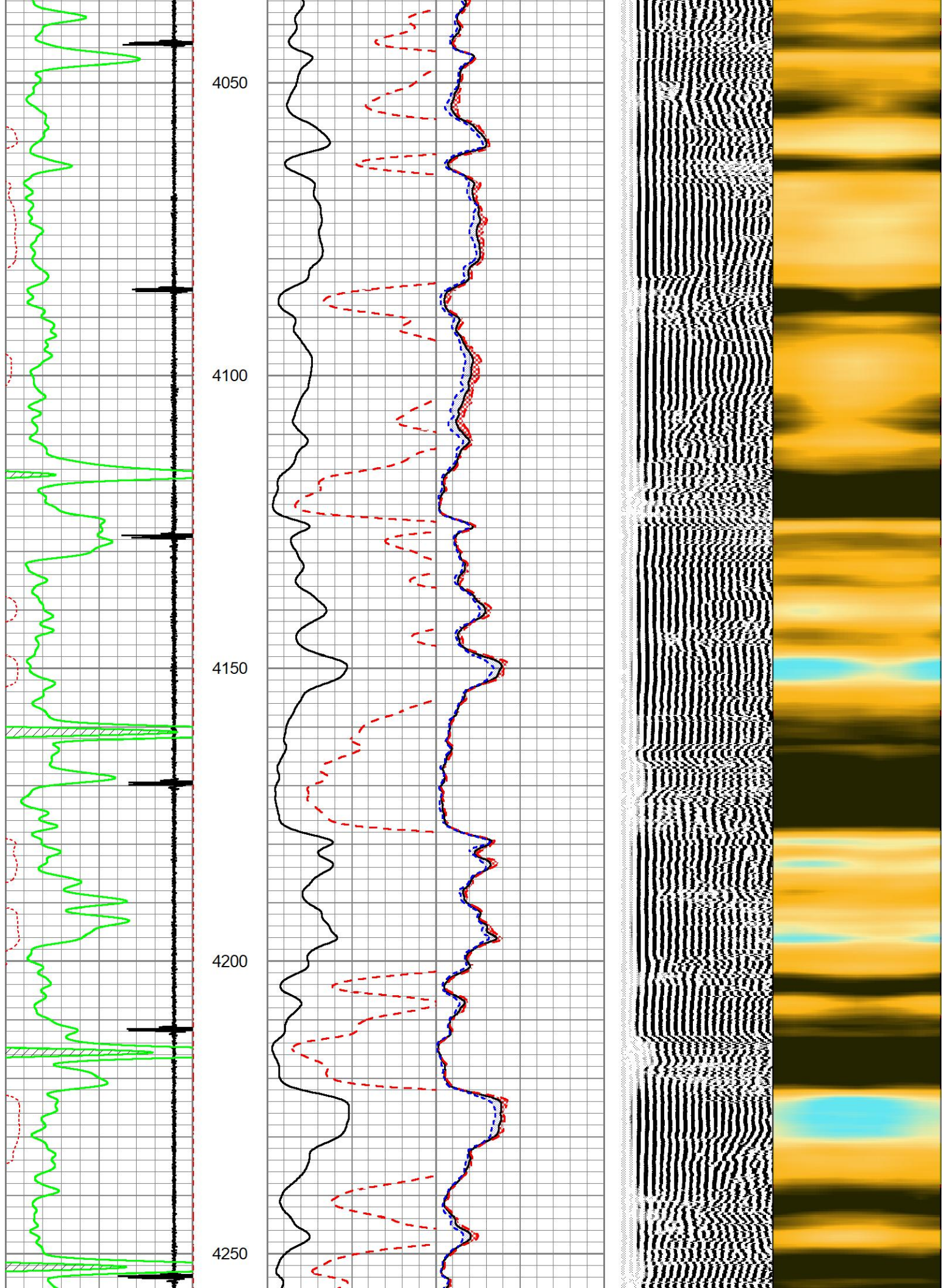
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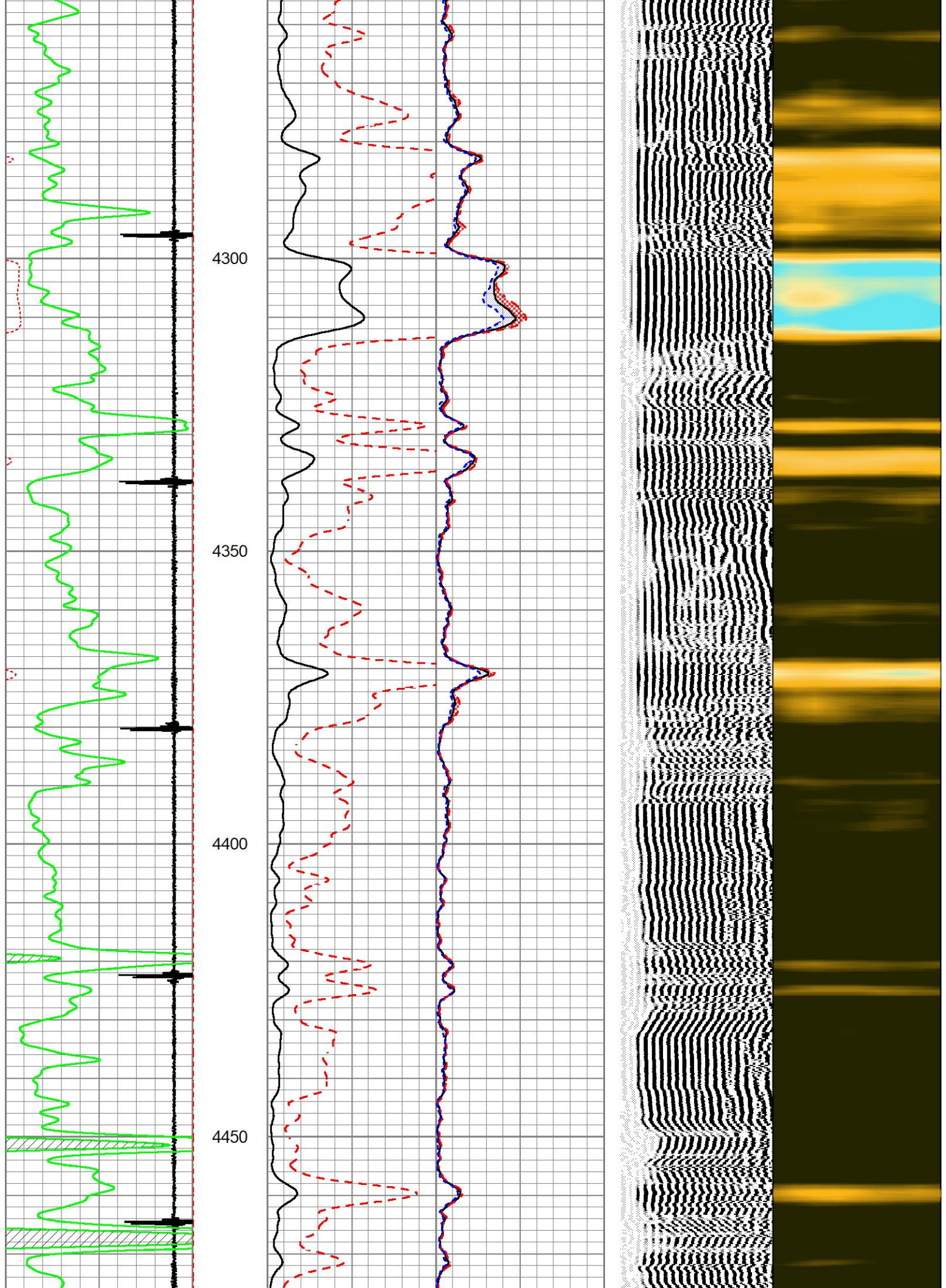


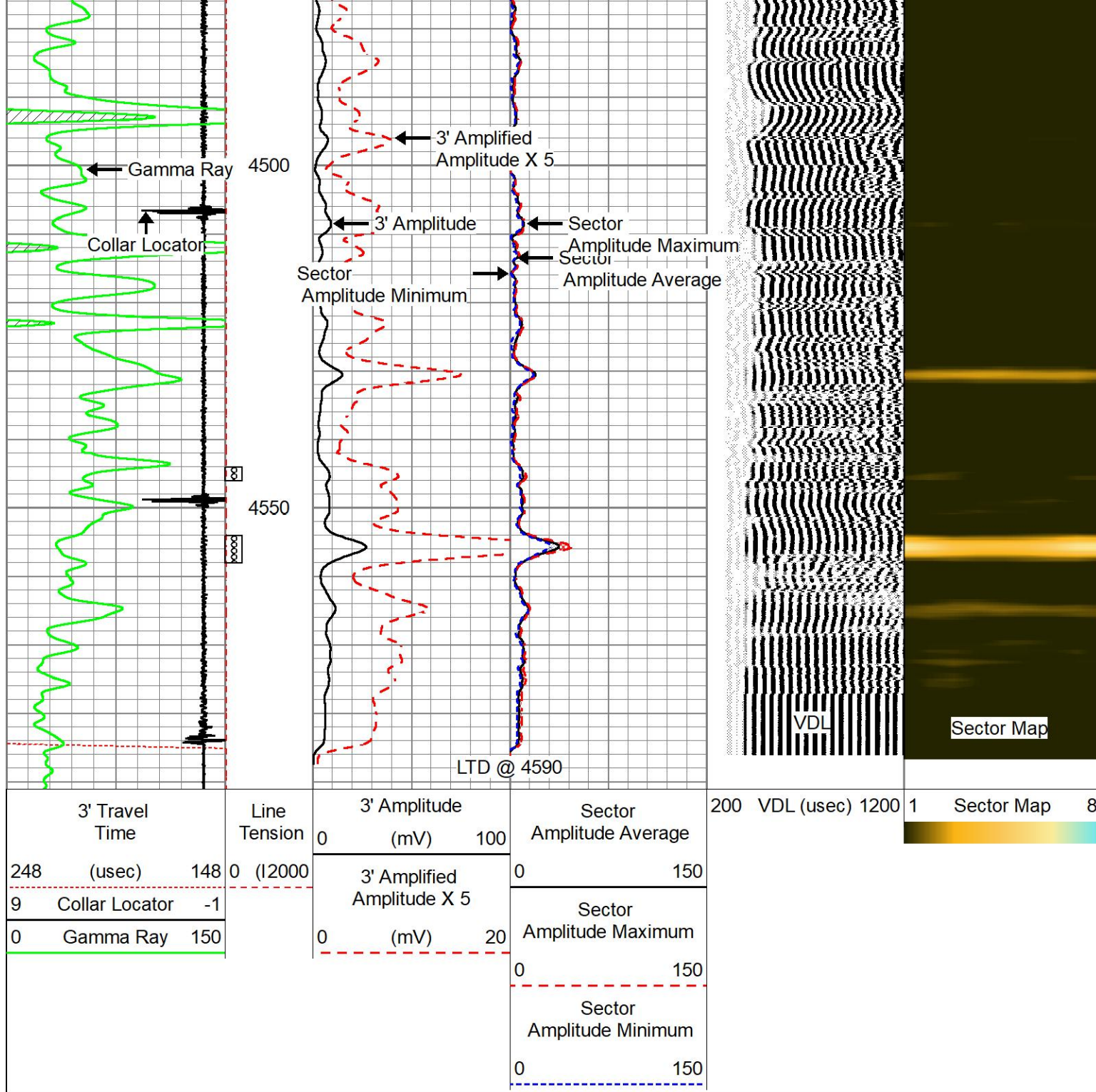
Est. Top of Cement







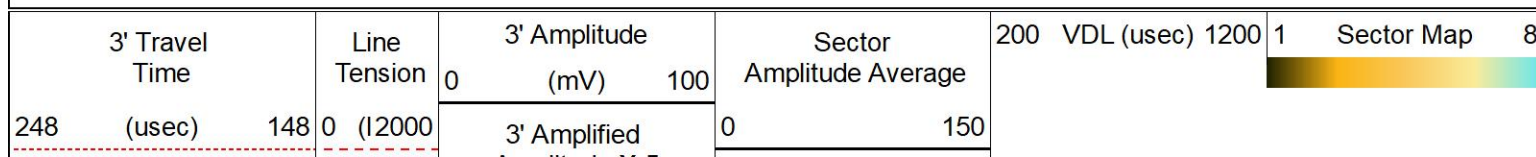




REPEAT SECTION

ZERO PSI APPLIED AT SURFACE

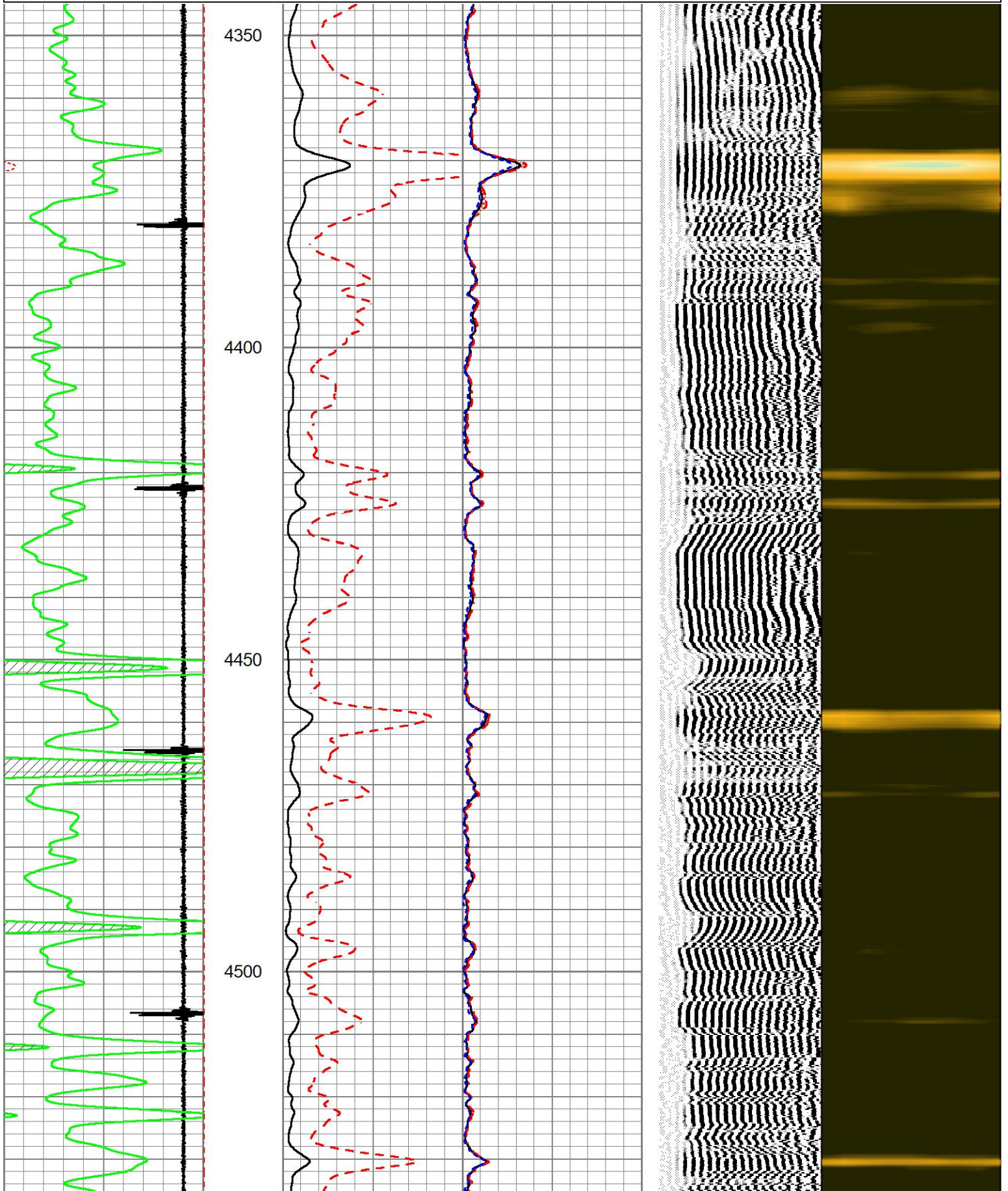
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 Dataset Pathname SCBL/pass3.5
 Presentation Format PINR_S~1
 Dataset Creation Mon Sep 20 10:54:01 2021
 Charted by Depth in Feet scaled 1:240

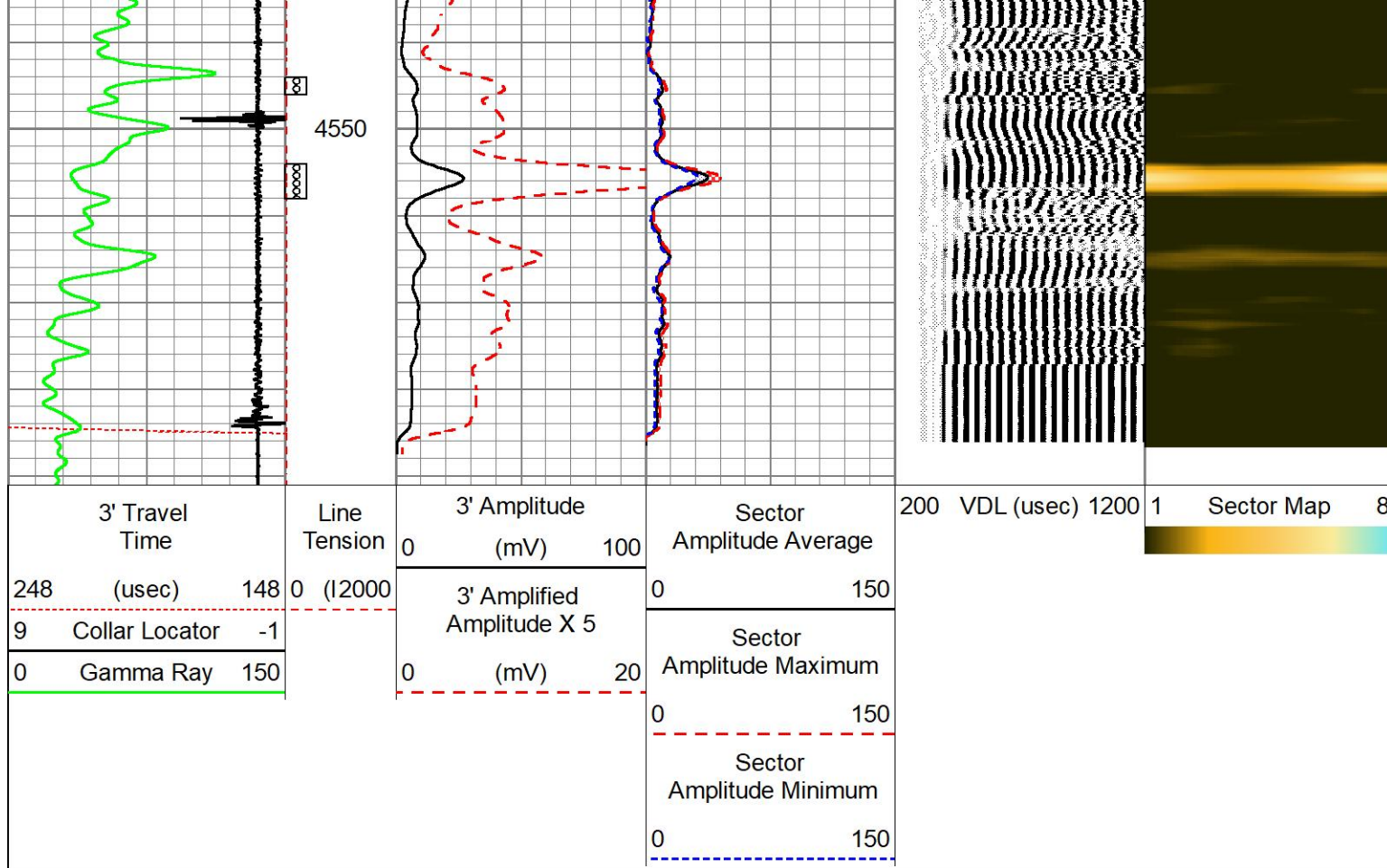


9 Collar Locator -1
0 Gamma Ray 150

Amplitude X 5
0 (mV) 20

Sector
Amplitude Maximum
0 150
Sector
Amplitude Minimum
0 150





Calibration Report

Database File shakespeare_tractor #1-13.db
 Dataset Pathname SCBL/pass4.1
 Dataset Creation Mon Sep 20 09:11:27 2021

Gamma Ray Calibration Report

Serial Number: 060802
 Tool Model: 2 3/4" Probe
 Performed: (Not Performed)

Calibrator Value: 1.0

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 /cps



Company Shakespeare Oil Company, Inc.
 Well Tractor #1-13
 Field
 County Scott
 State Kansas