



DIGITAL LOG (785) 625-3858

Sector Bond / Gamma Ray  
CCL Log

15-065-23830-00-00

Company WMI KS Energy Resources, LLC.

Well Shaw No. 1

Field Morel

County Graham

State Kansas

Location

330' FNL & 330' FWL

Other Services  
Perforate

Sec: 7

Twp: 9S

Rge: 21W

Elevation

K.B. 2261

D.F. 2254

G.L. 2254

Permanent Datum

Ground Level

Elevation 2254

Log Measured From

Kelly Bushing

7 Ft. Above Perm. Datum

Drilling Measured From

Kelly Bushing

Run Number

One

Date Survey

7/20/2012

Date Cementing

6/28/2012

Type Cementing Operation

Primary

Depth Driller

3894

Depth Logger

3847

Logged Interval

3845 to 2850

Casing Driller

5.5 @ T.D.

Float Collar -- D.V. Tool

|||||

1745 @

Squeeze Depth

|||||

Amount & Type Cement

|||||

Amount & Type Admix

|||||

Type Fluid In Hole

Water

Fluid Level

Full

Salinity PPM CL

|||||

Weight lb/gal -- Vis.

|||||

Approx. Logged Cement Top

2970

Calculated Cement Top

|||||

Max. Hole Temperature

115

Tool No.

R-1

Spacing Recorded

3-5

Equipment -- Location

72 Hays

Recorded By

K. Ladrigan

Witnessed By

Tom Berens

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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

Thank you for using LOG TECH, INC. 785.625.3858

Ellis, KS., North to Red Line ("X" Road), 7 West to County Road 565  
4 North to L Road, .75 West  
South Into.



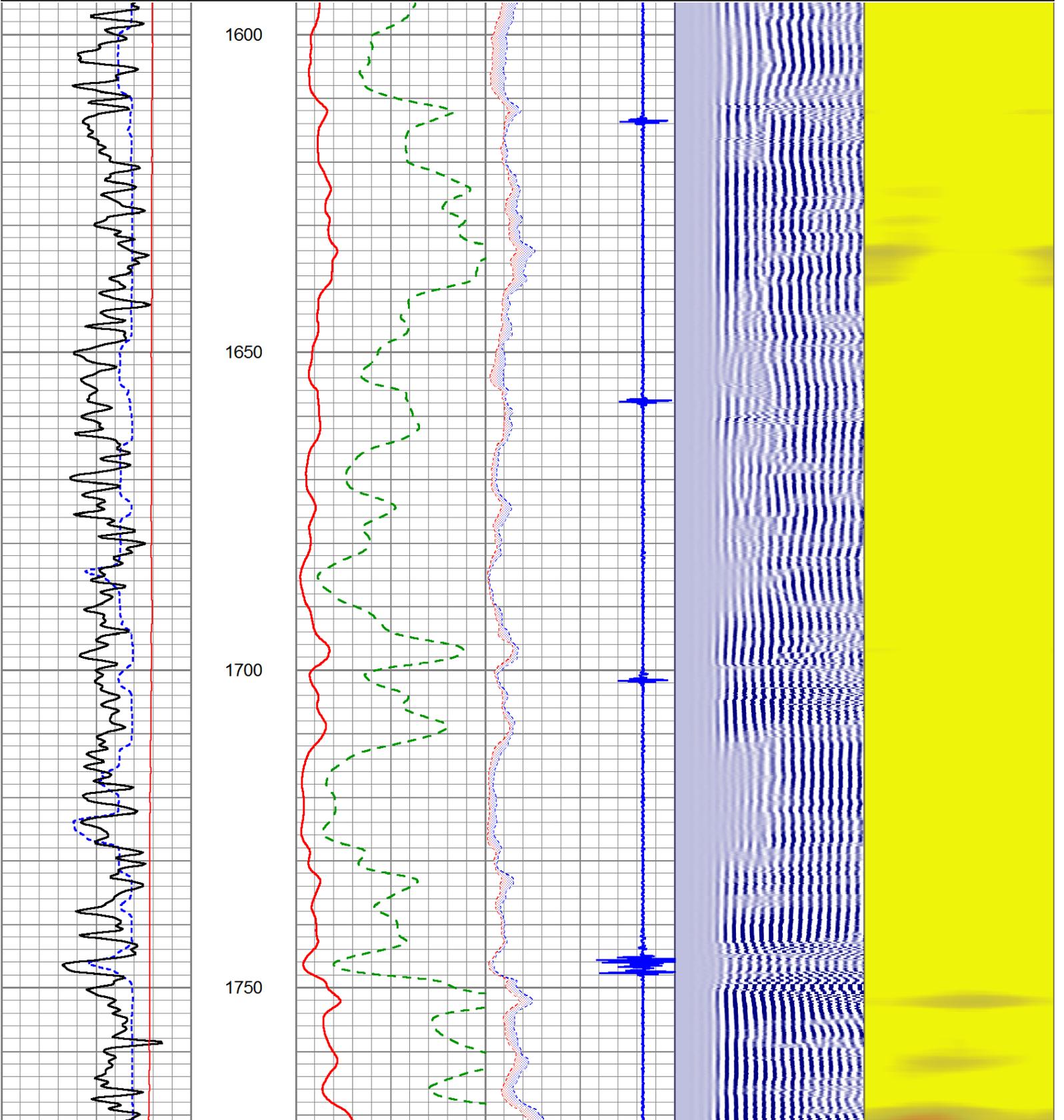
D.V. Tool @ 1745

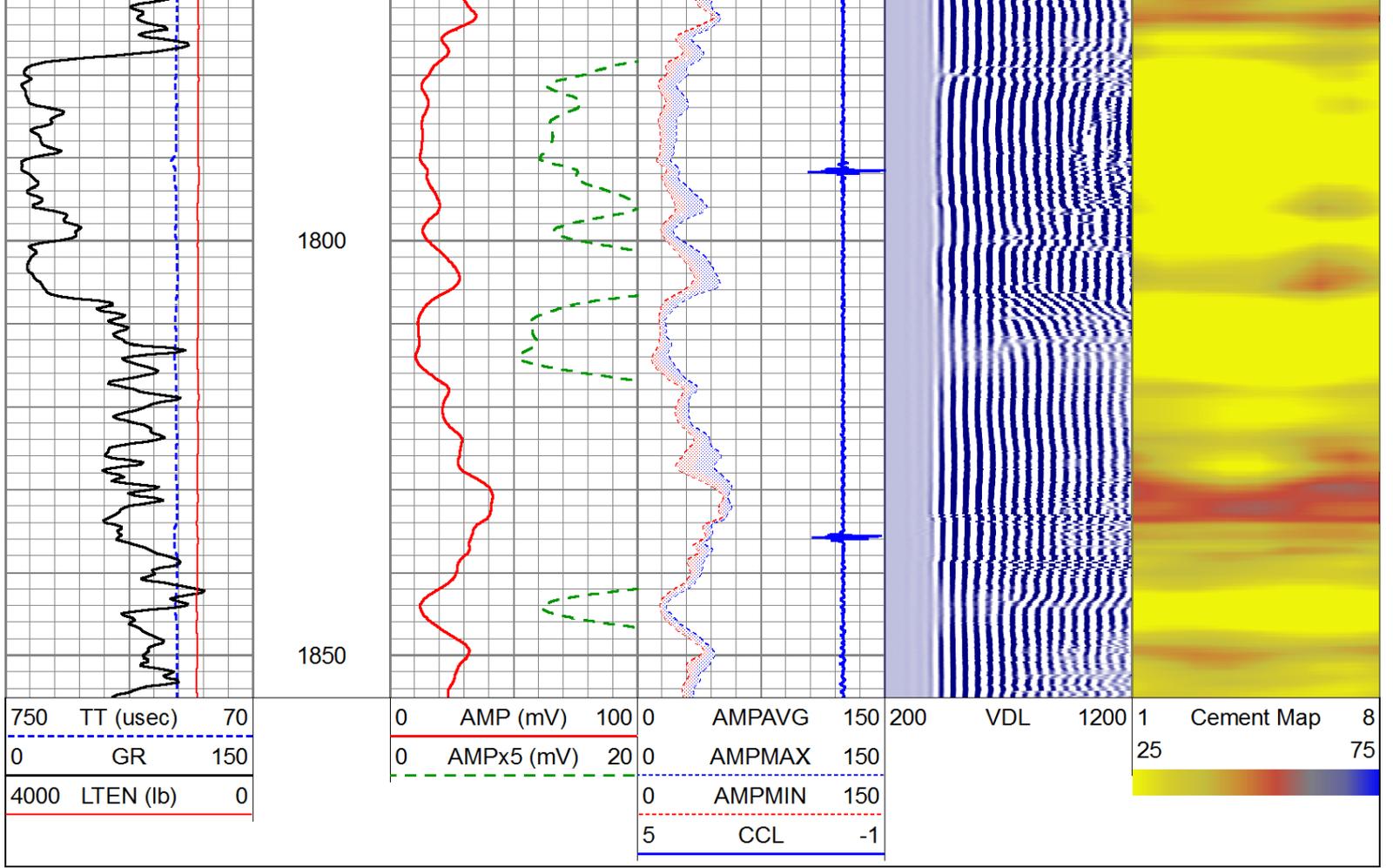
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 Presentation Format: scblclr2  
 Dataset Creation: Fri Jul 20 16:12:04 2012 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

750	TT (usec)	70
0	GR	150
4000	LTEN (lb)	0

0	AMP (mV)	100	0	AMPAVG	150
0	AMPx5 (mV)	20	0	AMPMAX	150
0			0	AMPMIN	150
5	CCL		-1		

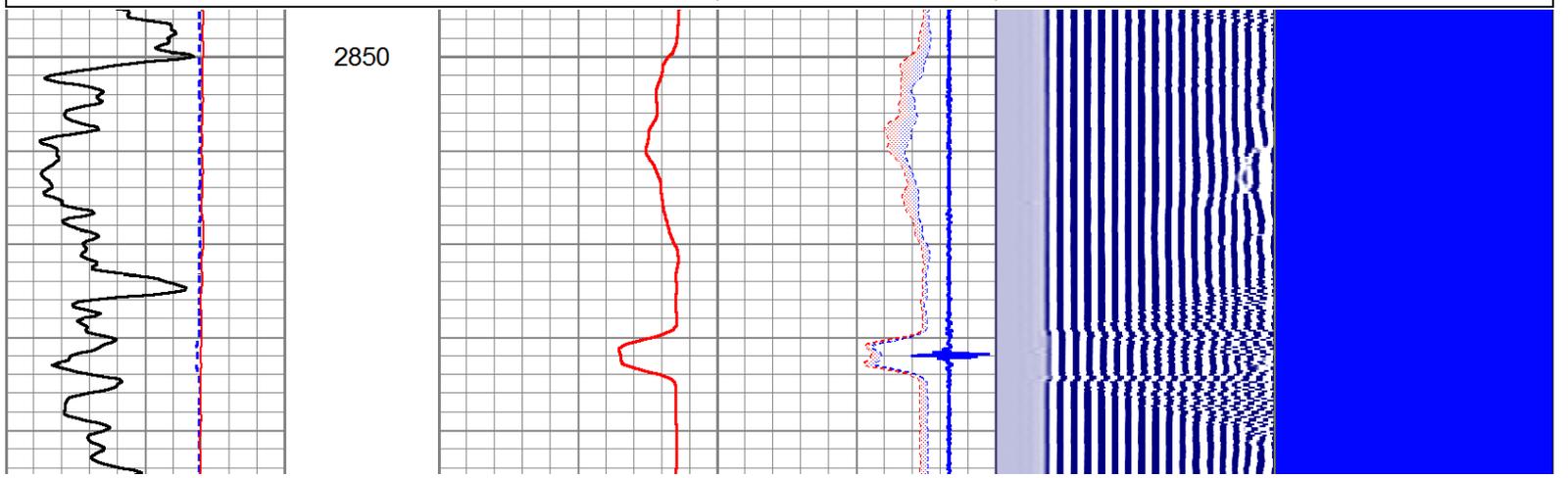
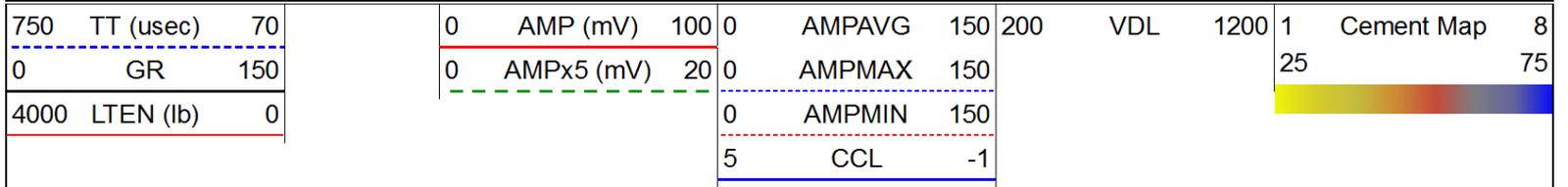
200	VDL	1200	1	Cement Map	8
			25		75

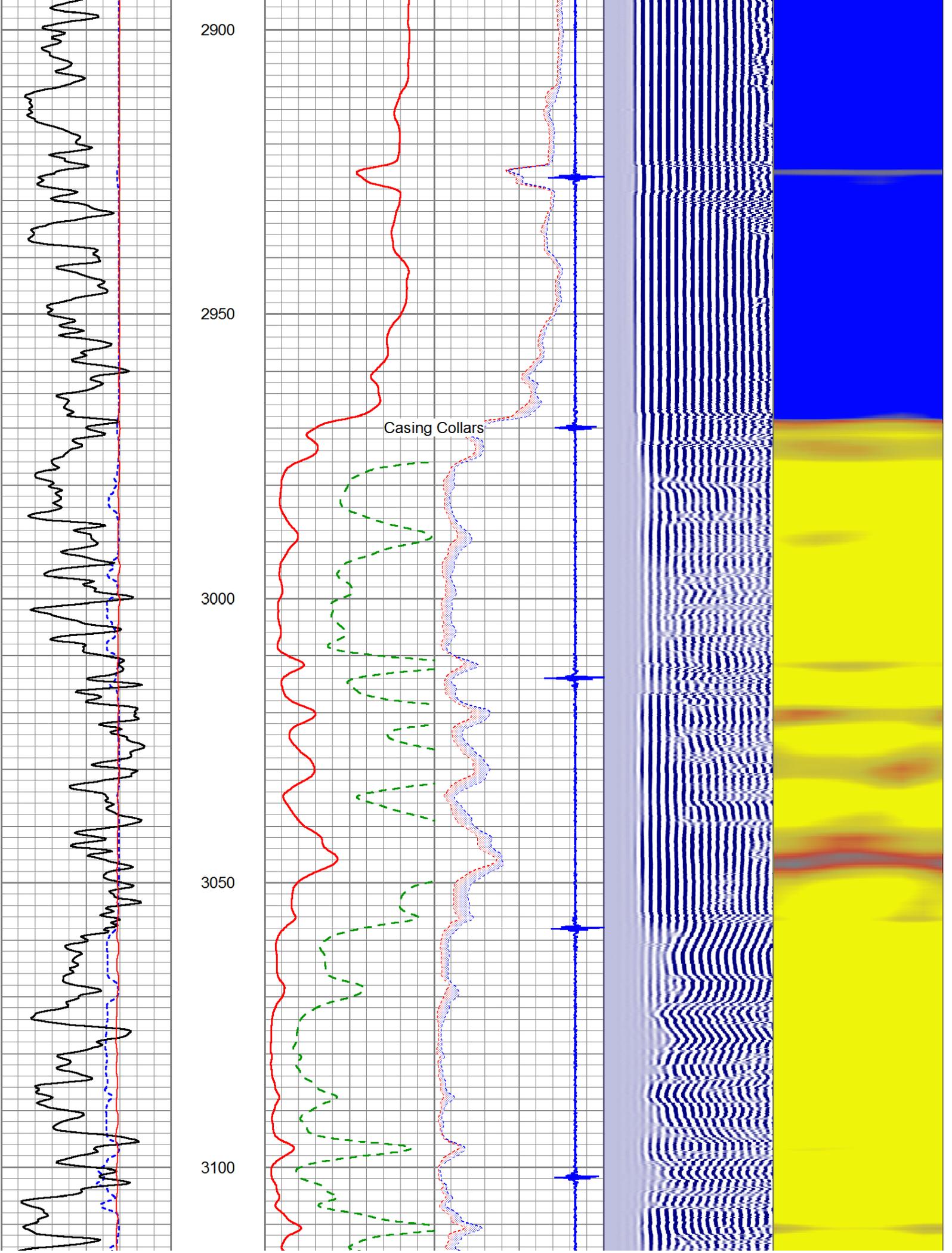


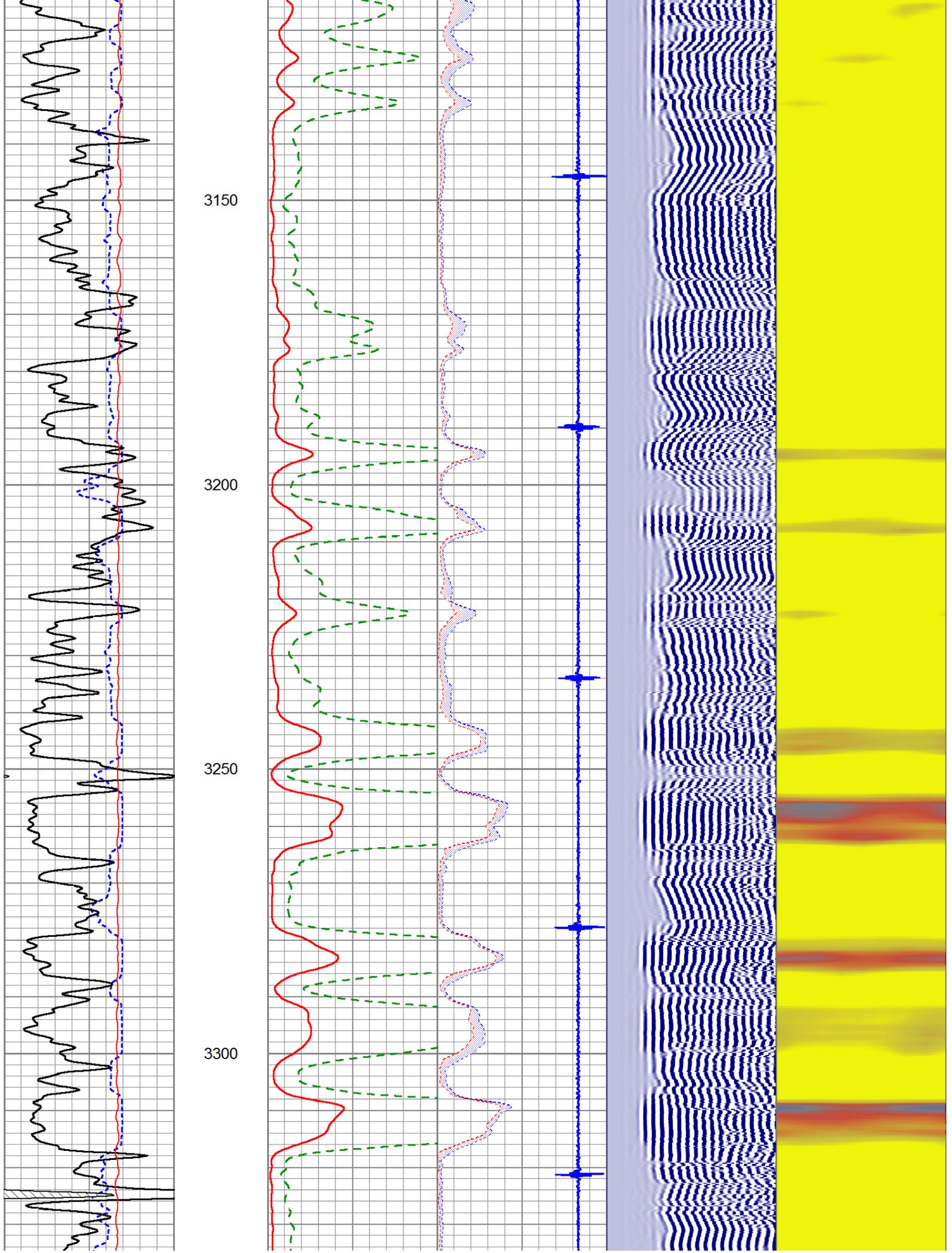


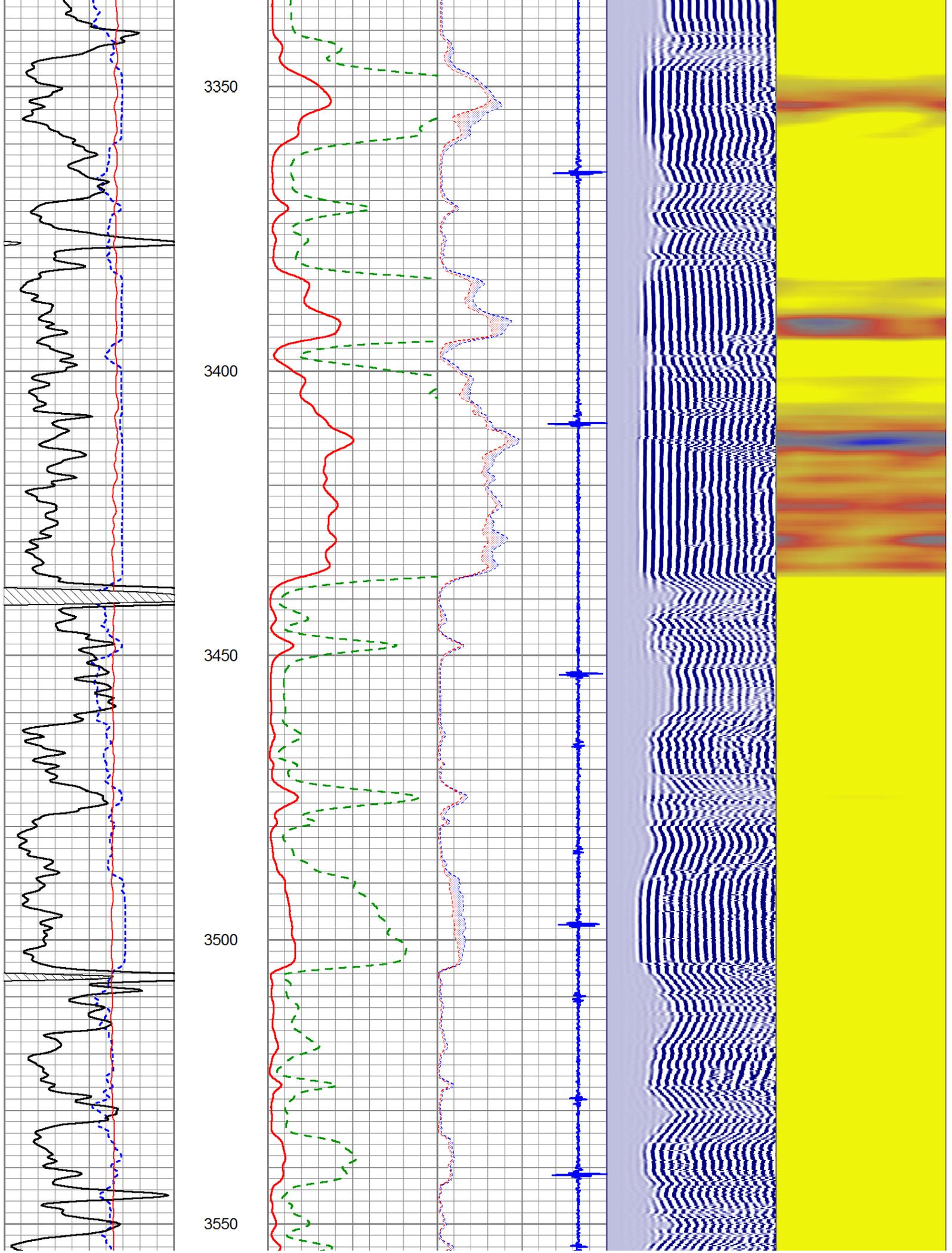
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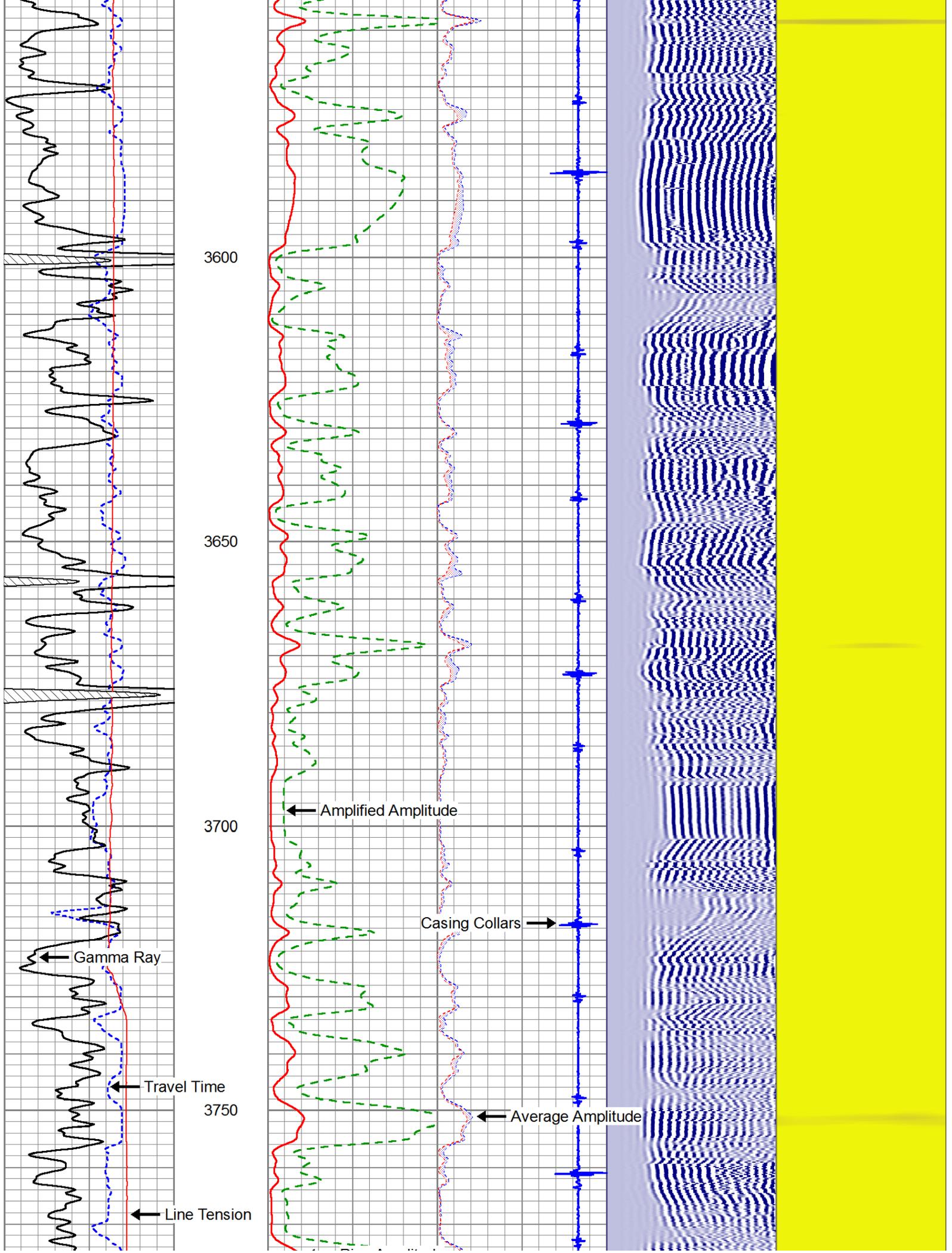
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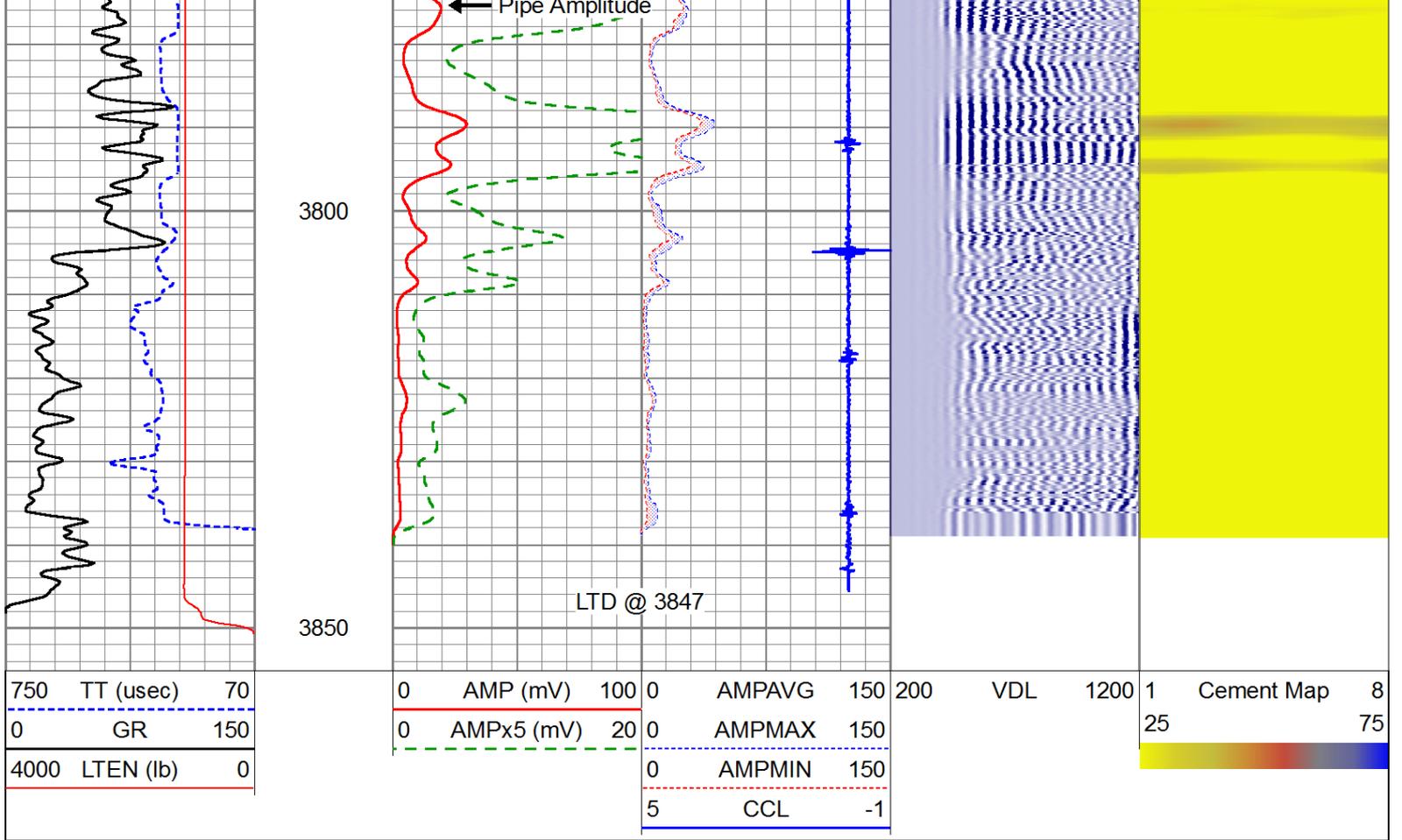










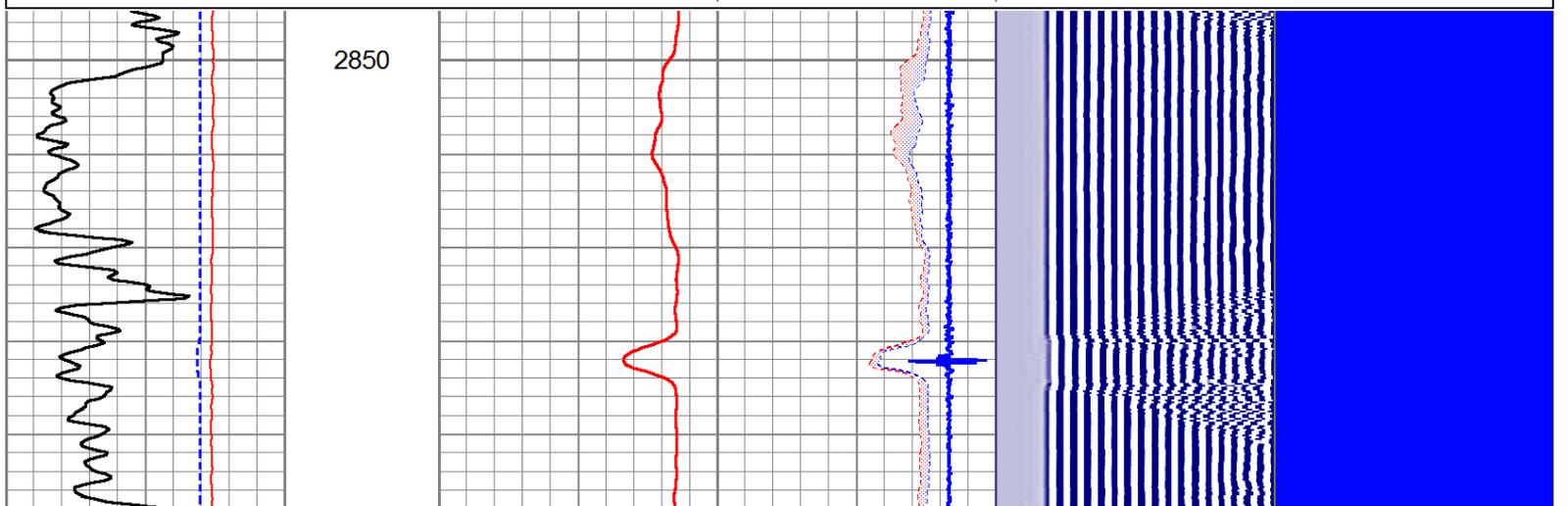
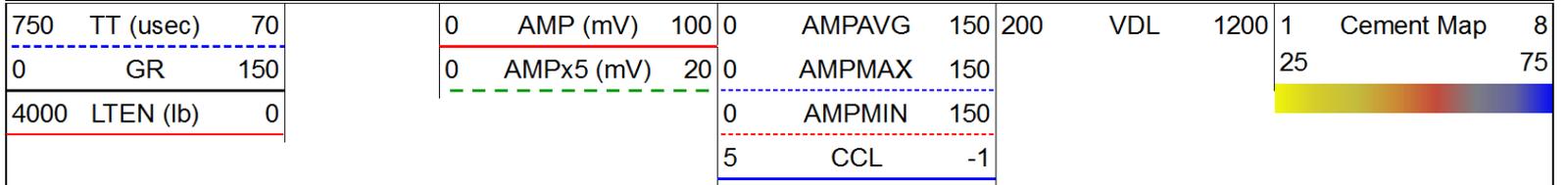


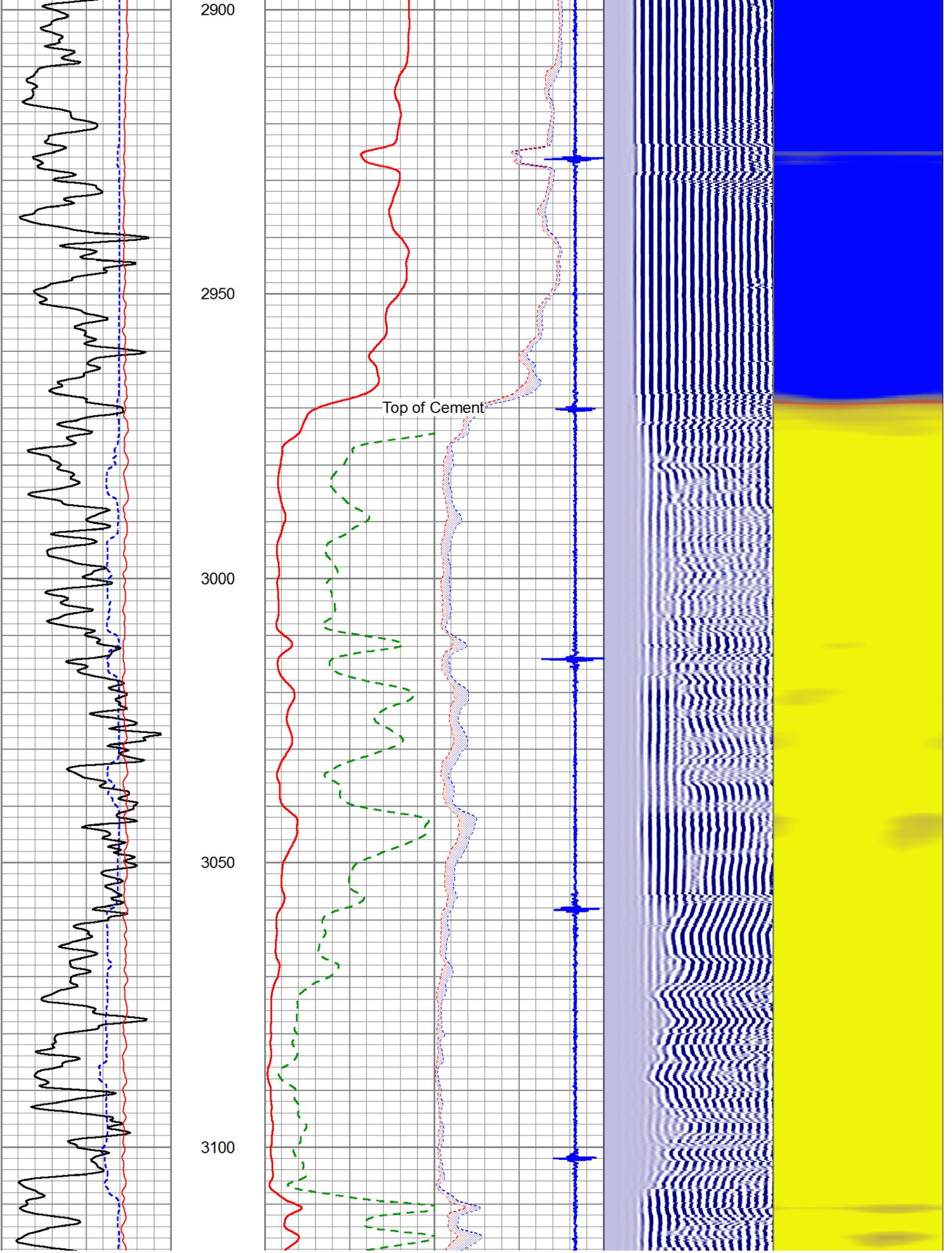
**LOG-TECH**

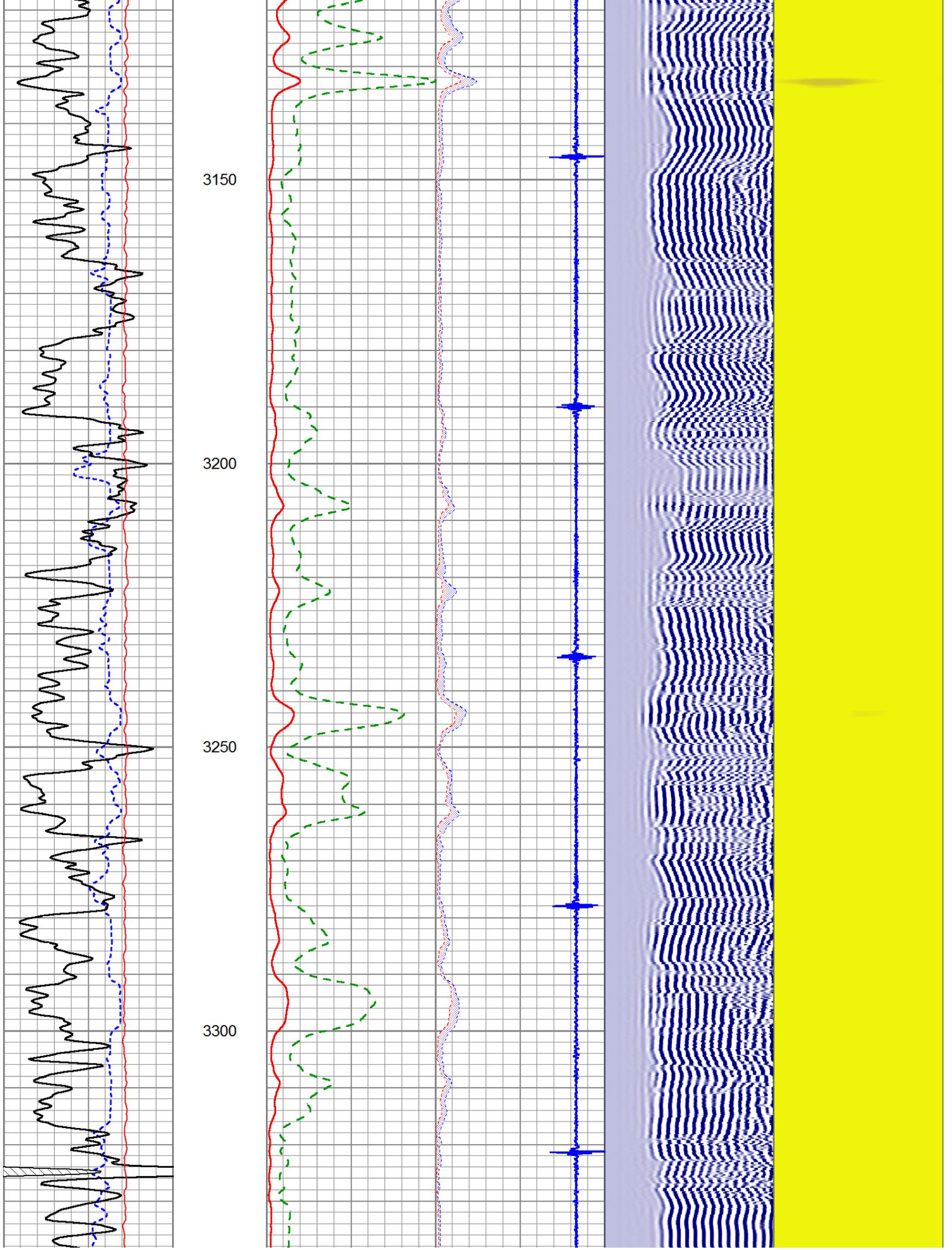
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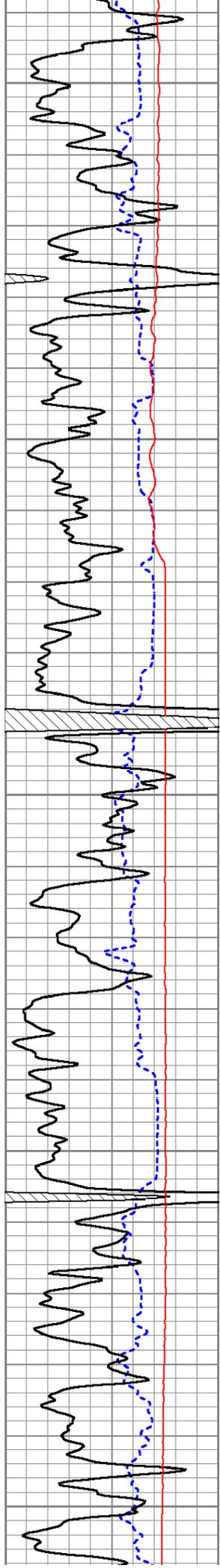
# Main Pass Pressurized

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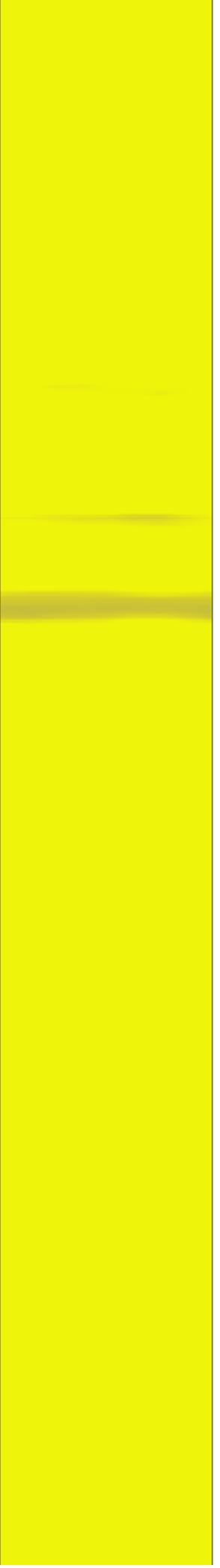
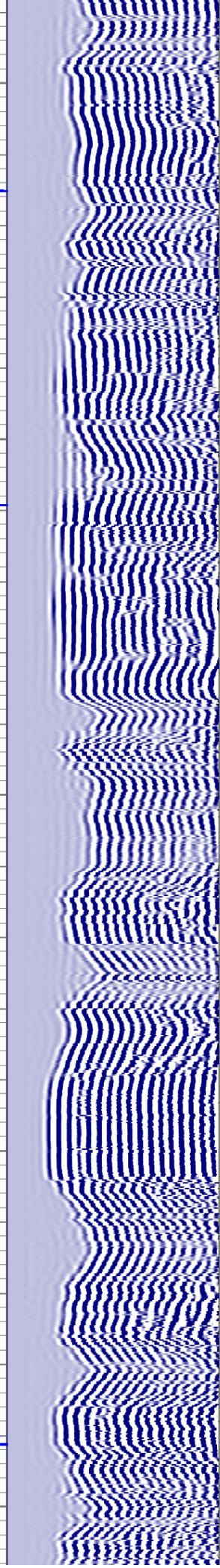
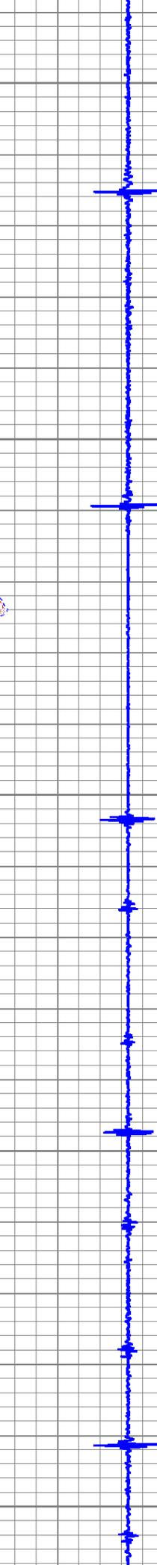
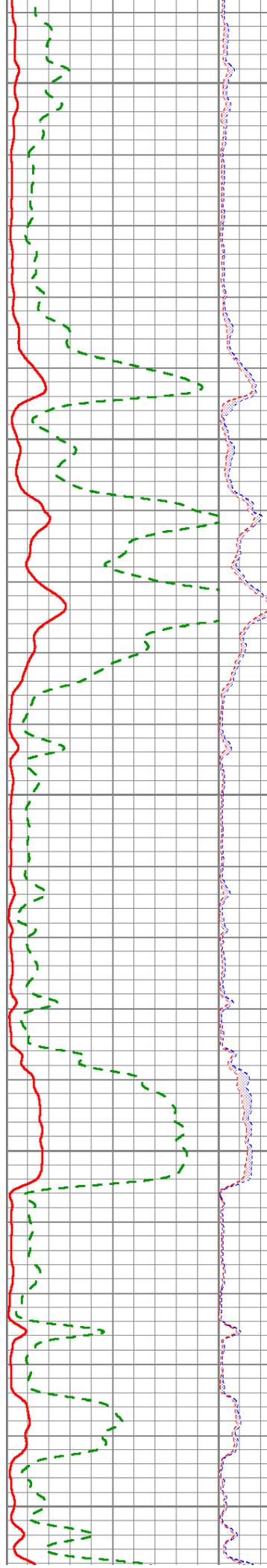
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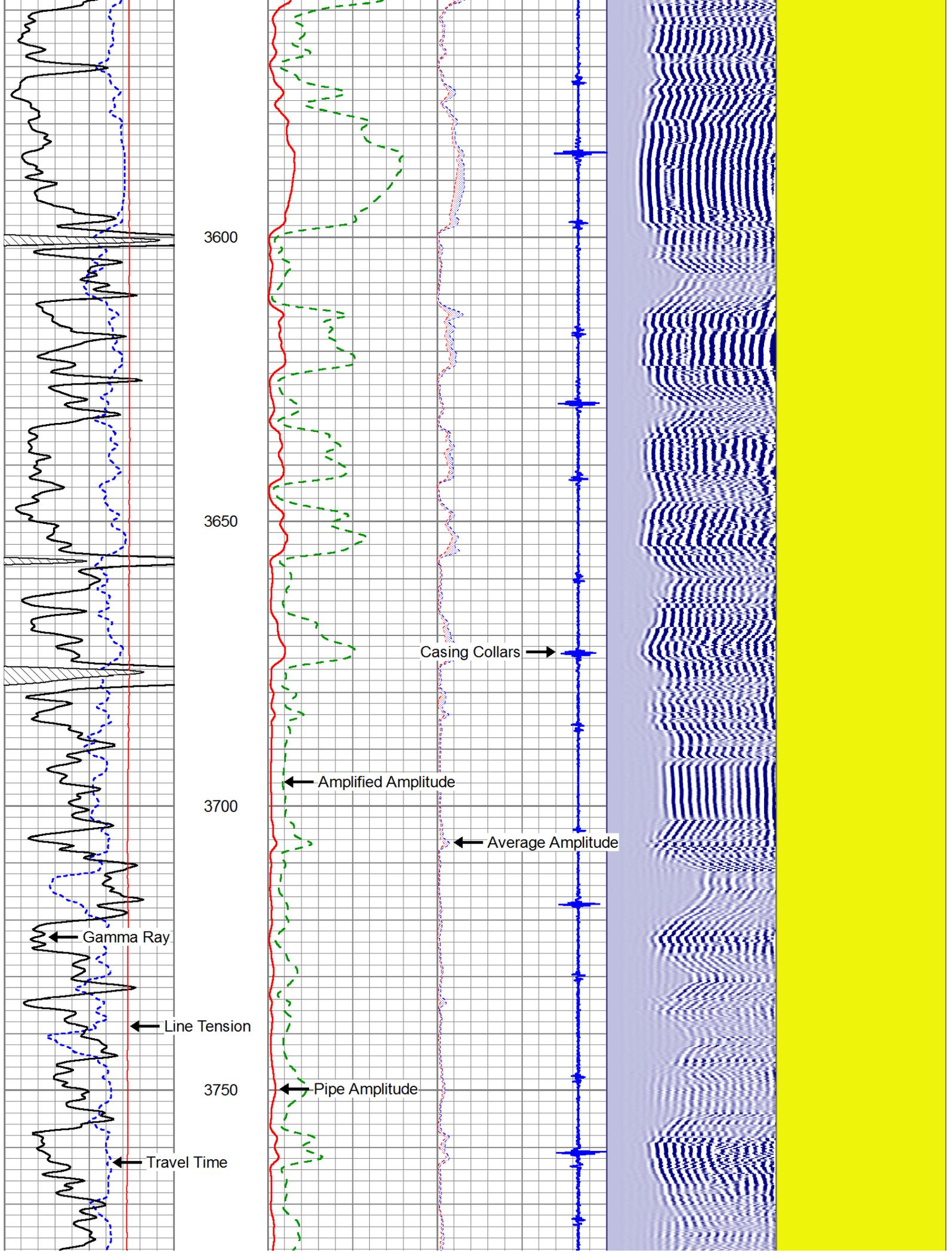
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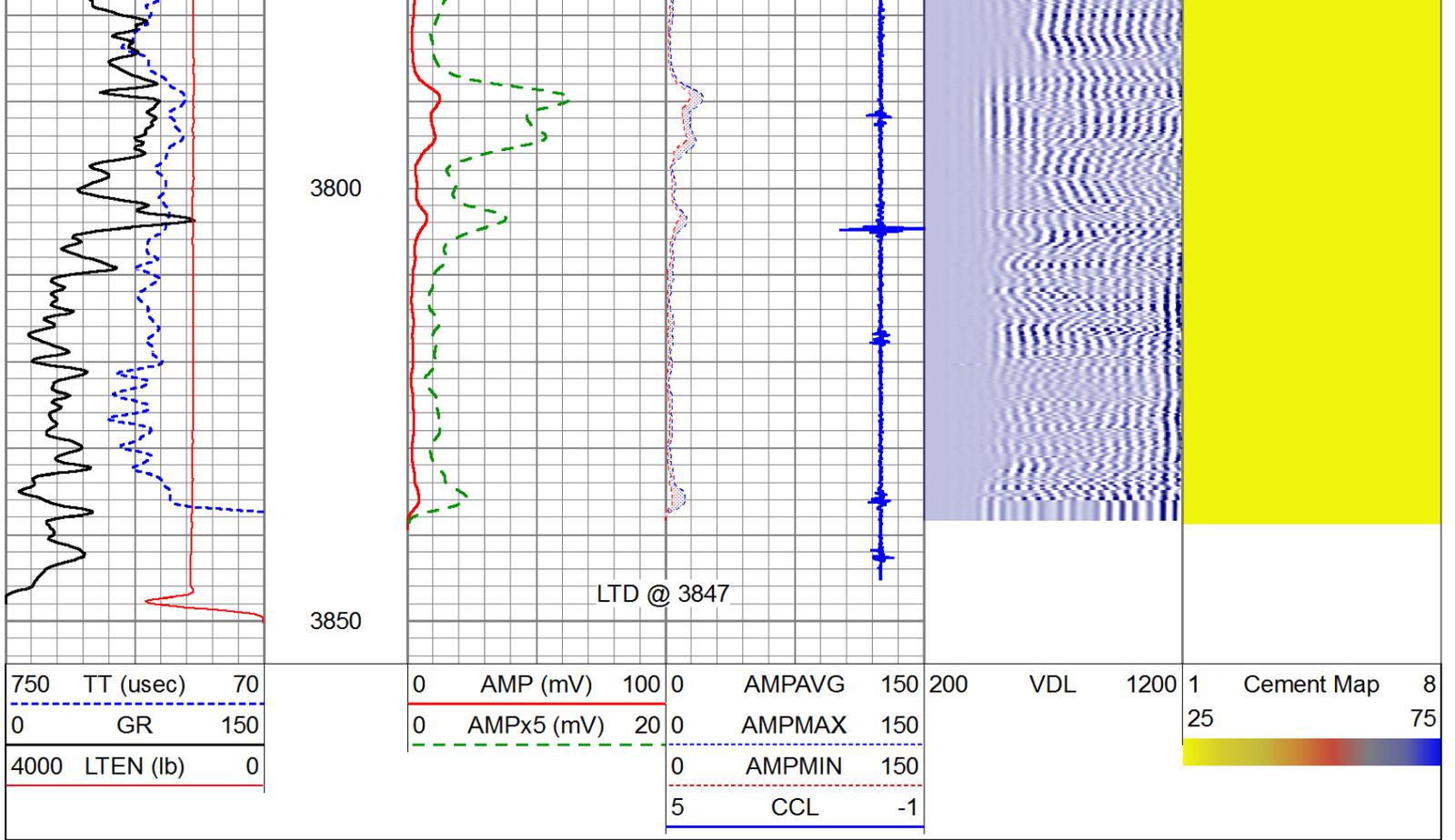
3450

3500

3550







# Repeat Section

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 Charted by: Depth in Feet scaled 1:240

