



PIONEER

Pioneer Energy Services

**Sonic Cement
Bond Log**

API No.

15-109-21168-00-00

Company **Shakespeare Oil Co**

Well **Teeter No. 1-11**

Field **Wildcat**

County **Logan**

State **Kansas**

Location

2305' FSL & 630' FEL

Other Services
@ 4456-60

Sec: **11**

Twp: **13 S**

Rge: **32 W**

Elevation

Permanent Datum Ground Level Elevation 3130
Log Measured From Ground Level 10' Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 3140
D.F. 3139
G.L. 3130

Run Number

One

Date Survey

7/09/2013

Date Cementing

6/26/2013

Type Cementing Operation

Primary

Depth Driller

4700

Depth Logger

4655

Logged Interval

4655 to 3000

Casing Driller

5.5" @

Float Collar -- D.V. Tool

2463

Squeeze Depth

////

Amount & Type Cement

////

Amount & Type Admix

////

Type Fluid In Hole

Water

Fluid Level

208'

Salinity PPM CL

////

Weight lb/gal -- Vis.

////

Approx. Logged Cement Top

3280

Calculated Cement Top

////

Max. Hole Temperature

119

Tool No.

RBT 4-4

Spacing Recorded

3-5

Equipment -- Location

12

Recorded By

A Dreiling

Witnessed By

Mr Brian Cable

<<< Fold Here >>>

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 Pioneer Energy Services
785.625.3858
Oakley Ks.
S to Seneca Rd.,
1 E, 1 1/2 S,
W Into



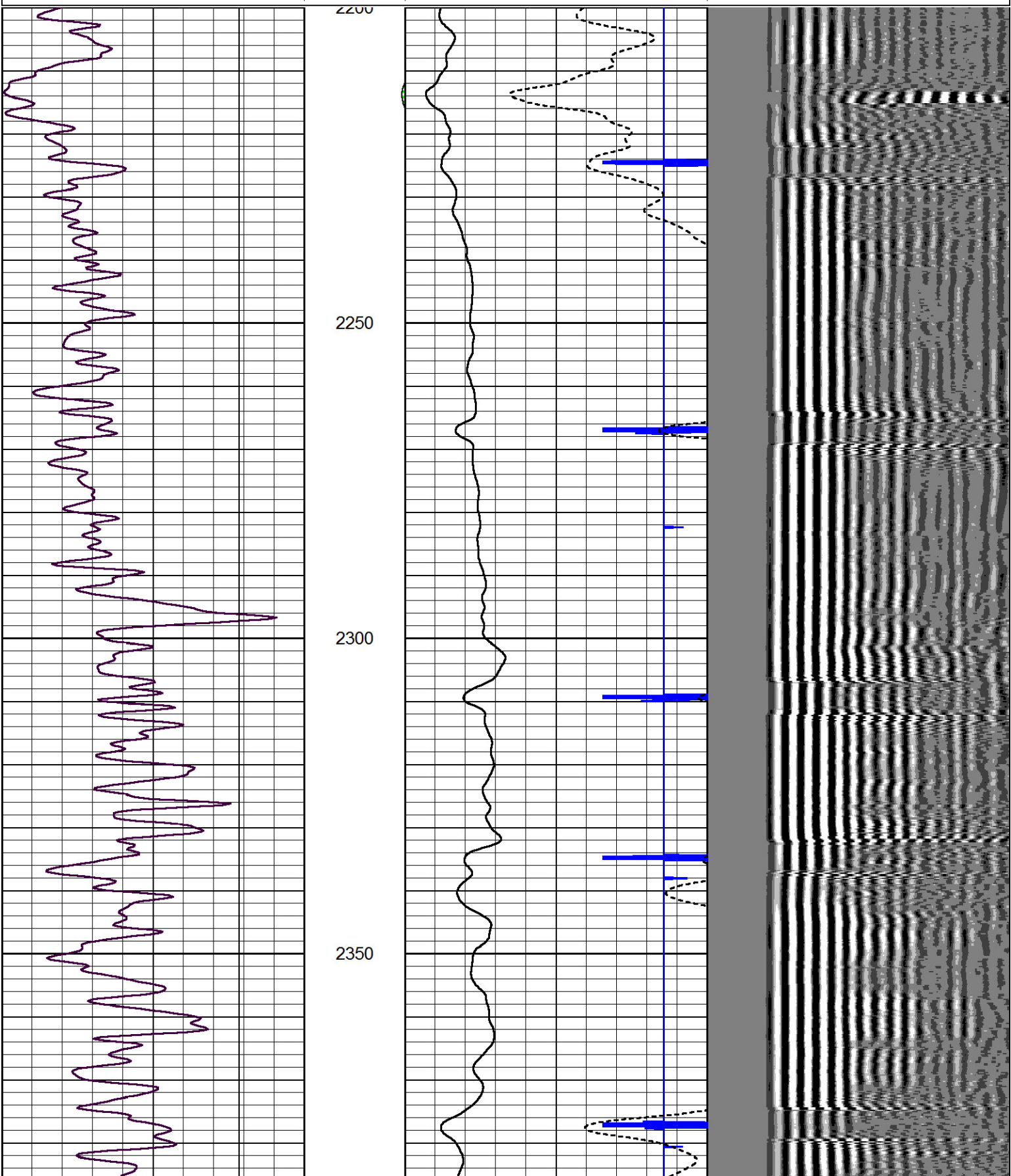
PIONEER

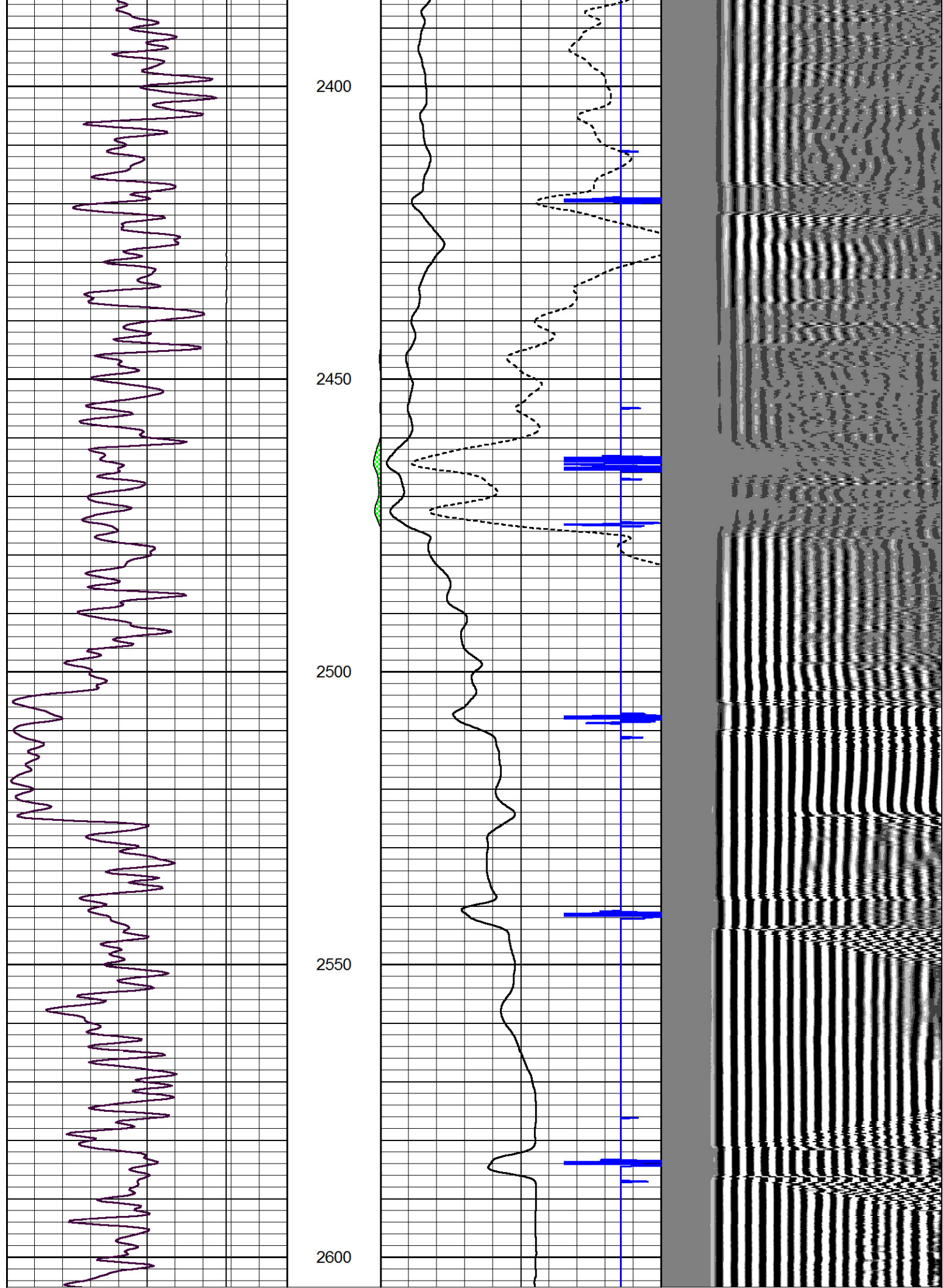
Pioneer Energy Services

Port Collar @ 2463

Database File: shakespear.db
Dataset Pathname: pass1.1
Presentation Format: cbldr
Dataset Creation: Tue Jul 09 15:30:35 2013 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft	3	Casing Collars	-0.5	200	wvf5ft	1200
4000	LTEN (lb)	0	(mV)	0	Pipe Amplitude (mV)	100			
			-100 10	0	Amplified Amplitude (mV)	20			





0	Gamma Ray	150	amp3ft	3	Casing Collars	-0.5	200	wvf5ft	1200
4000	LTEN (lb)	0	(mV)	0	Pipe Amplitude (mV)	100			
			-100 10	0	Amplified Amplitude (mV)	20			

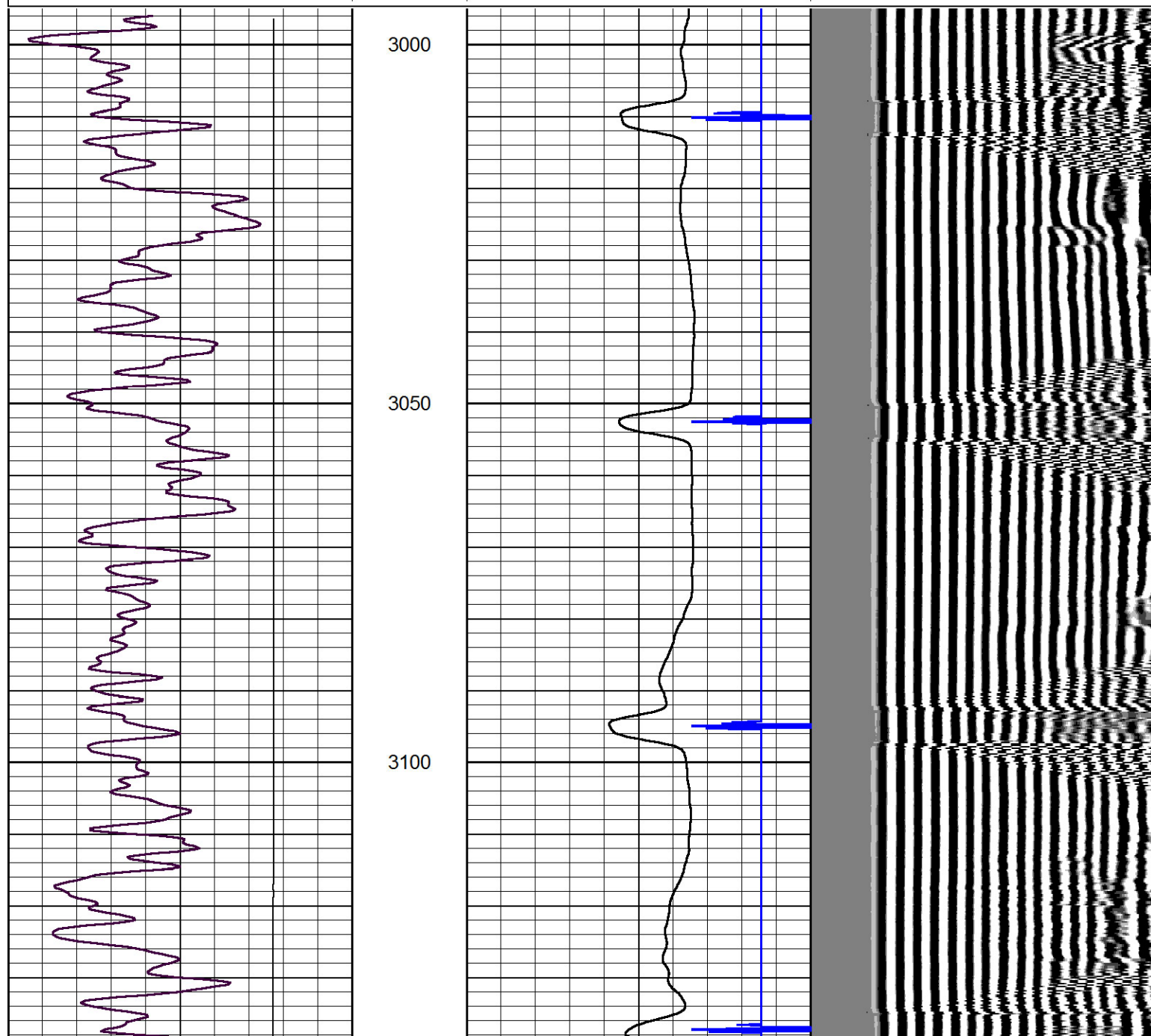


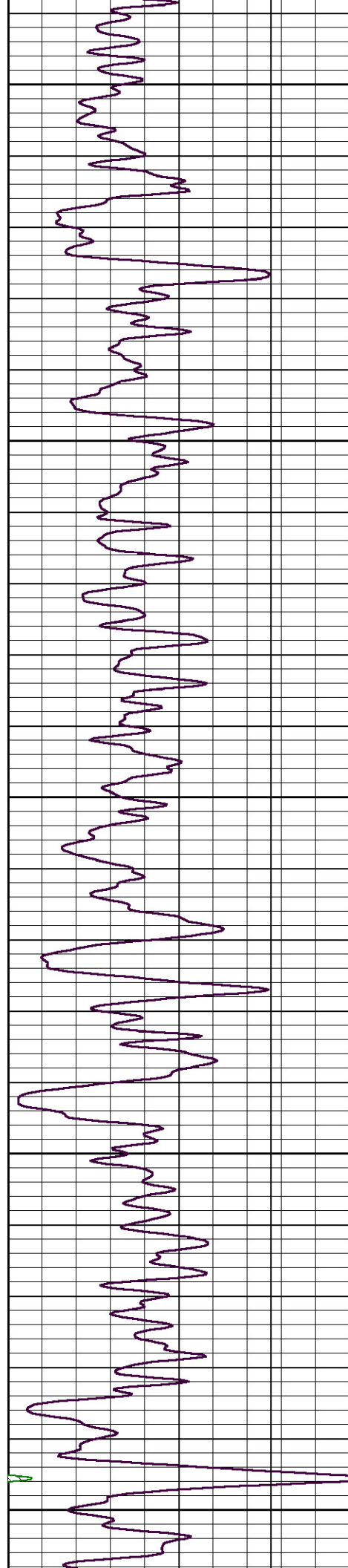
Pioneer Energy Services

Main Pass

Database File: shakespeare.db
Dataset Pathname: pass4.1
Presentation Format: cbldr
Dataset Creation: Tue Jul 09 15:48:55 2013 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft	3	Casing Collars	-0.5	200	wvf5ft	1200
4000	LTEN (lb)	0	(mV)	0	Pipe Amplitude (mV)	100			
			-100 10	0	Amplified Amplitude (mV)	20			





3150

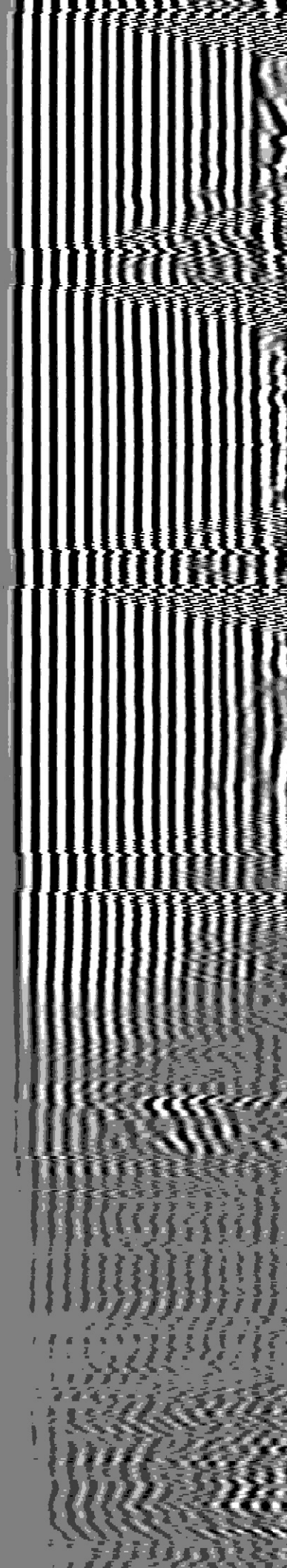
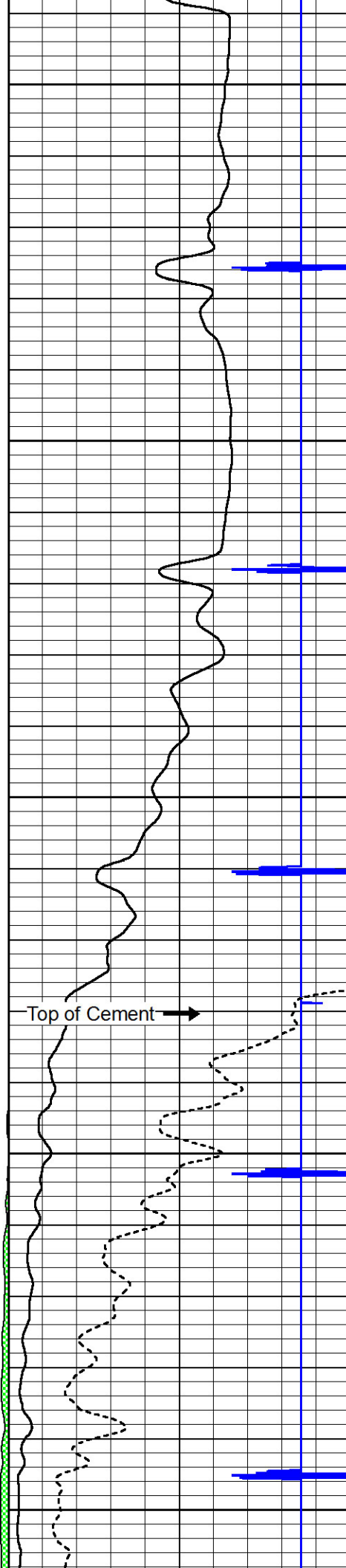
3200

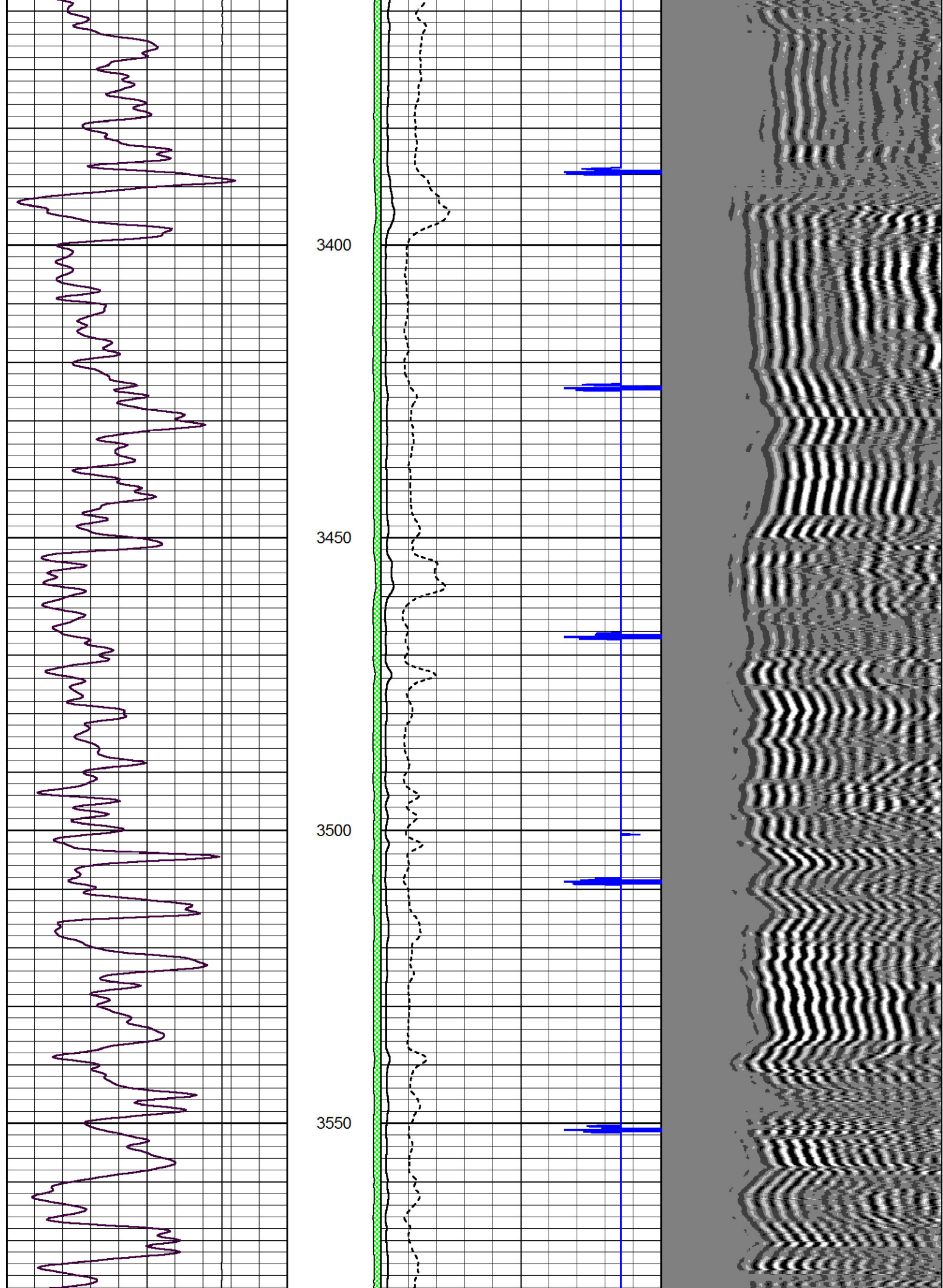
3250

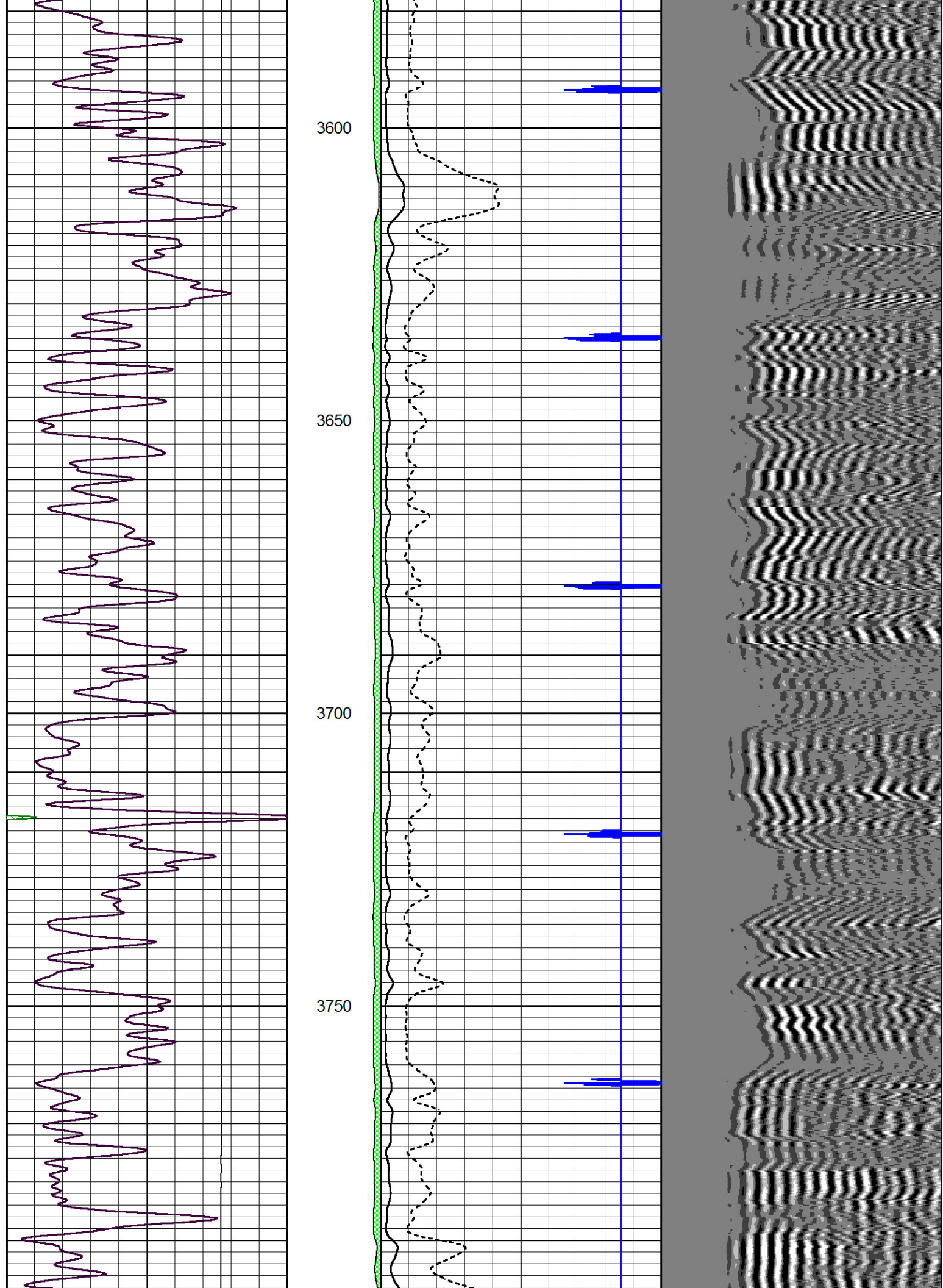
3300

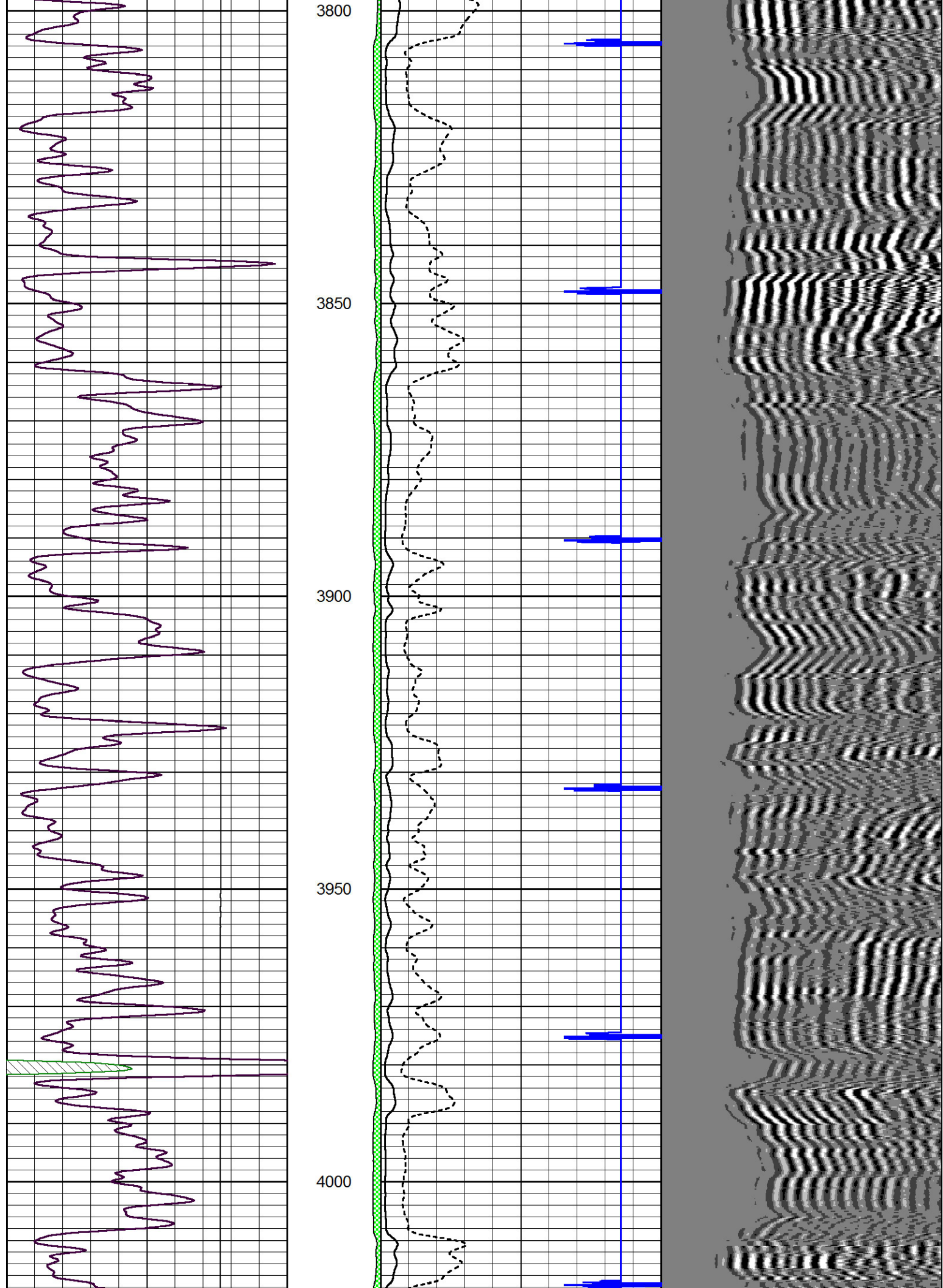
3350

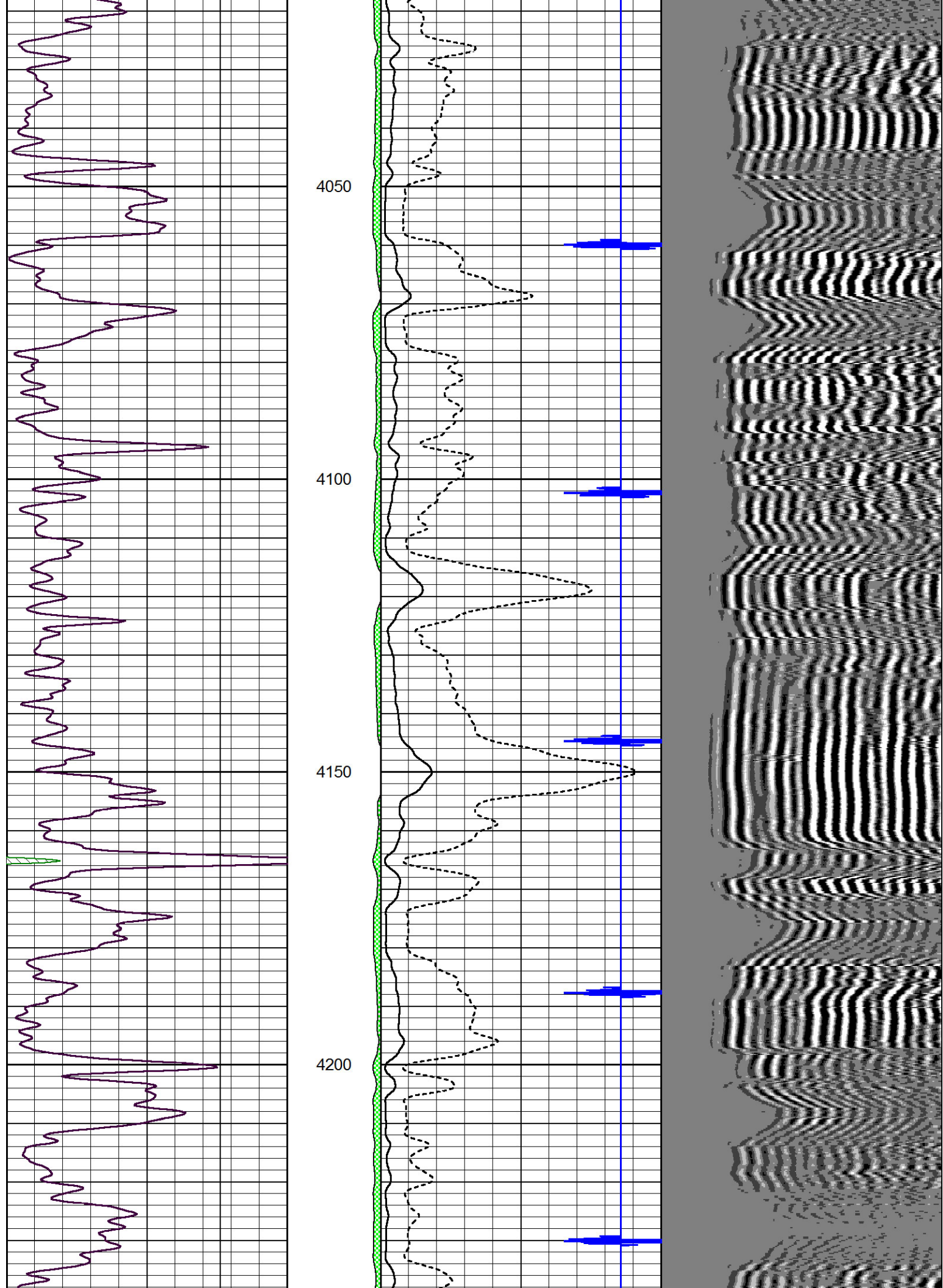
Top of Cement →

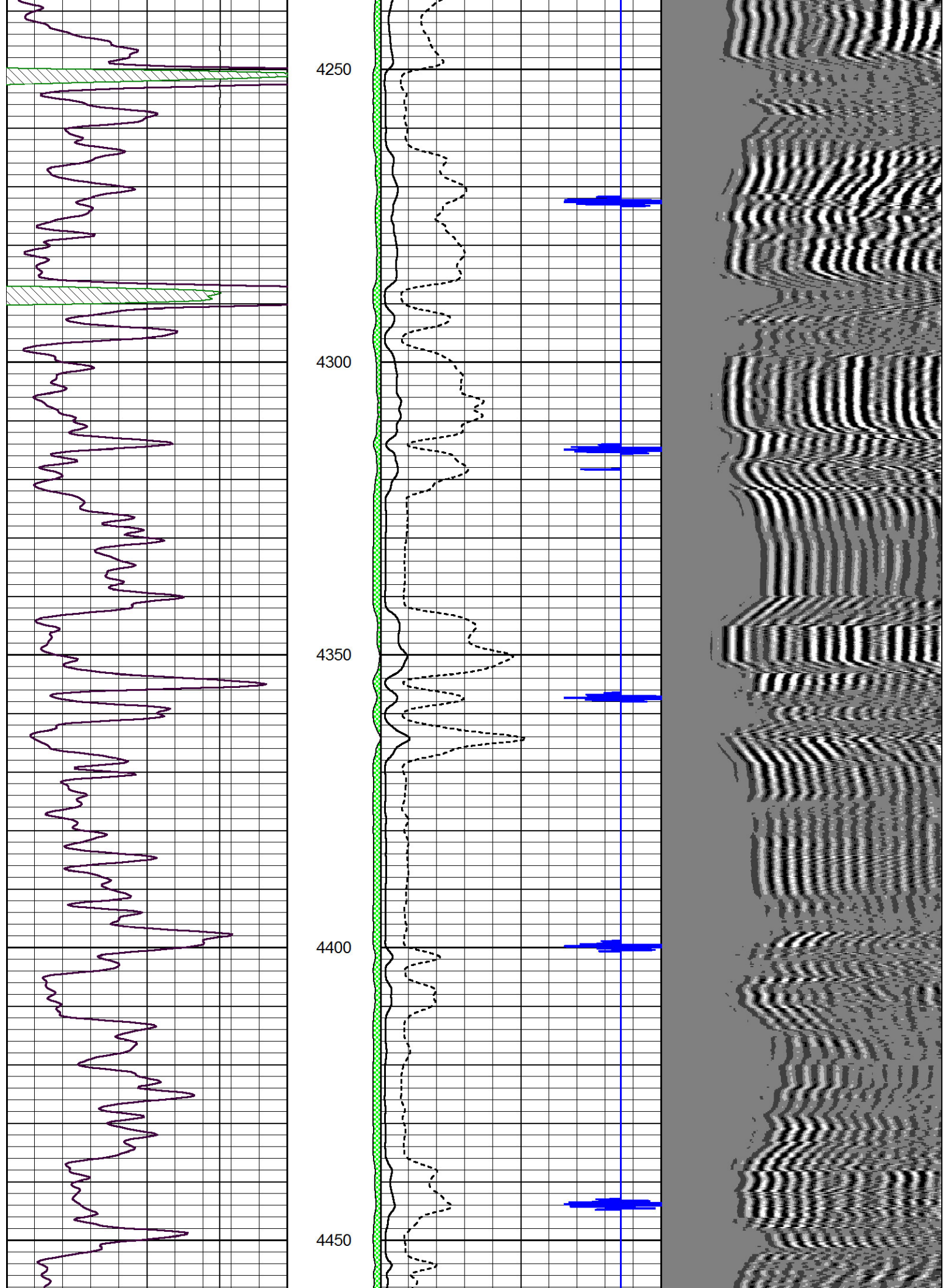


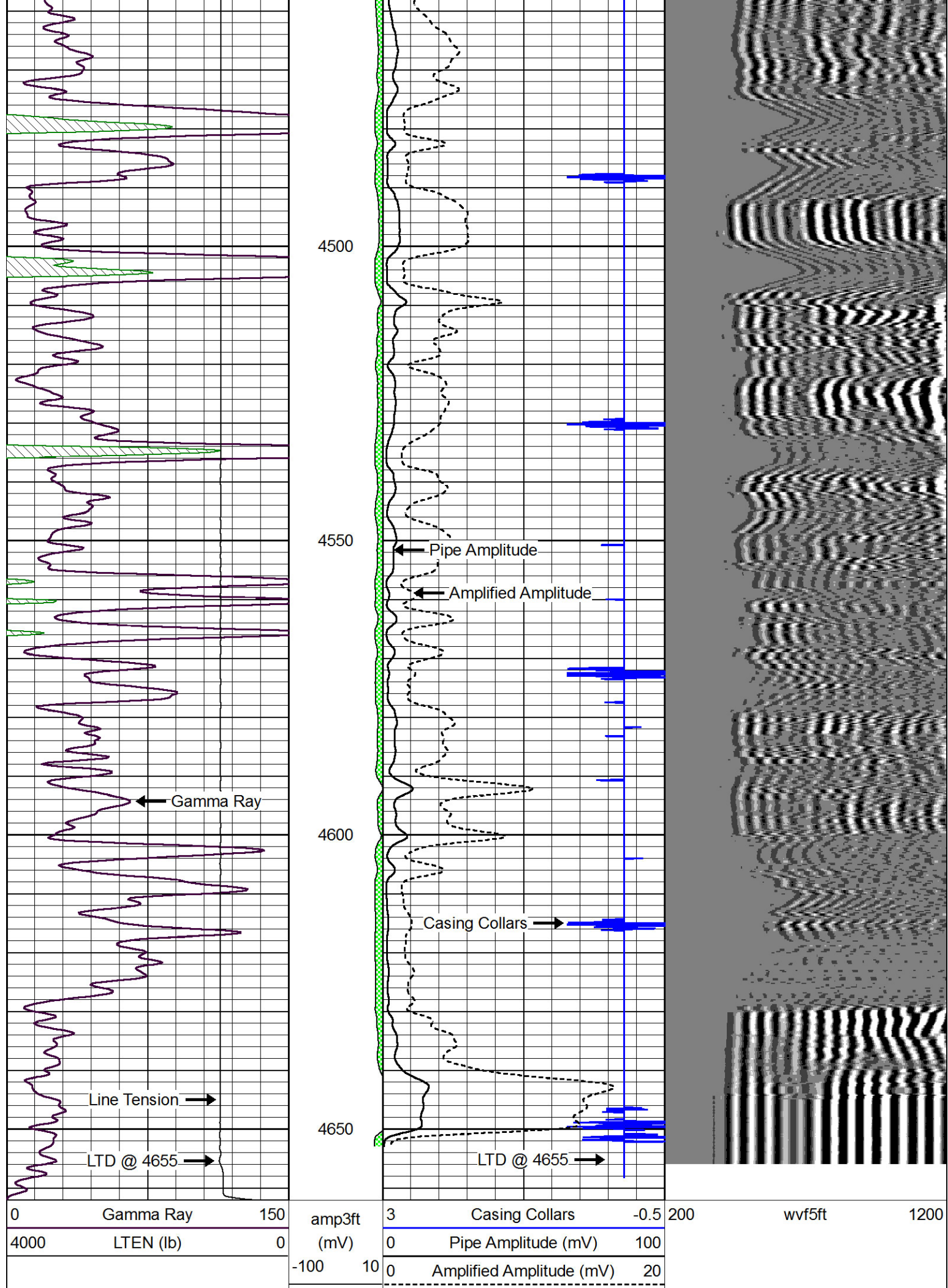












Repeat Section

Database File: shakespeare.db
 Dataset Pathname: pass2.1
 Presentation Format: cbldr
 Dataset Creation: Tue Jul 09 15:29:09 2013 by Calc 7.0 B1
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft	3	Casing Collars	-0.5	200	wvf5ft	1200
4000	LTEN (lb)	0	(mV)	0	Pipe Amplitude (mV)	100			
			-100 10	0	Amplified Amplitude (mV)	20			

