



Sonic Cement Bond Log

Pioneer Energy Services

API No.

15-187-21206-00-00

Company Stelbar Oil Corporation, Inc.

Well Baughman Foundation No.4-20

Field Arroyo

County Stanton

State Kansas

Location

1445' FNL & 1886' FEL

Other Services

Perforate

Sec: 20

Twp: 29S

Rge: 41W

Elevation

Permanent Datum Ground Level Elevation 3434

Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum

K.B. 3447
D.F. 3445
G.L. 3434

Run Number

One

Date Survey

7/27/2012

Date Cementing

7/4/2012

Type Cementing Operation

Primary

Depth Driller

5540

Depth Logger

5495

Logged Interval

5493 to 3400

Casing Driller

4.5 @ TD

Float Collar -- D.V. Tool

////

Squeeze Depth

////

Amount & Type Cement

////

Amount & Type Admix

////

Type Fluid In Hole

Water

Fluid Level

615

Salinity PPM CL

////

Weight lb/gal -- Vis.

////

Approx. Logged Cement Top

3622

Calculated Cement Top

////

Max. Hole Temperature

121

Tool No.

RB12-2

Spacing Recorded

3-5

Equipment -- Location

5 Pratt

Recorded By

S. Chesney

Witnessed By

Bill Blagrove

<<< 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.

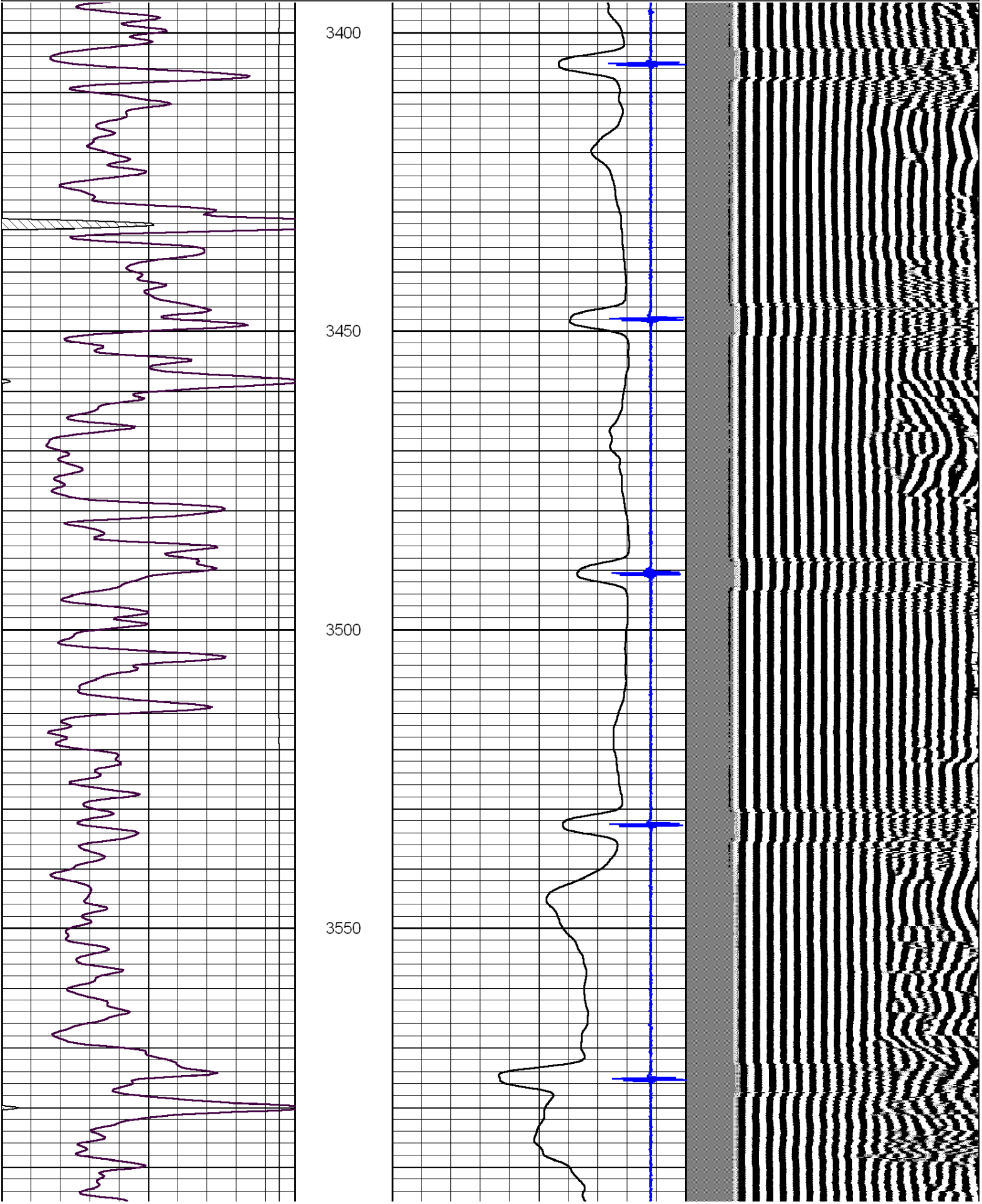
Comments

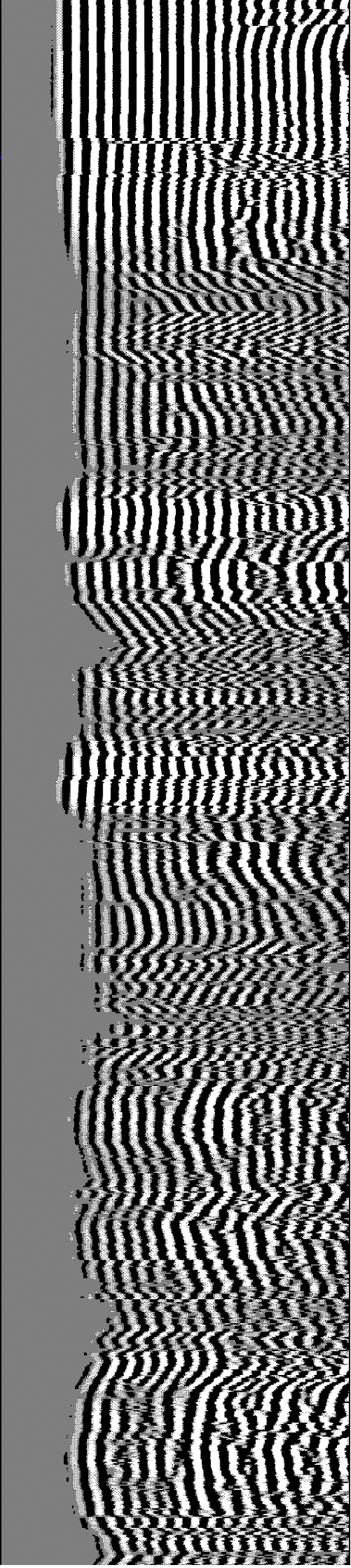
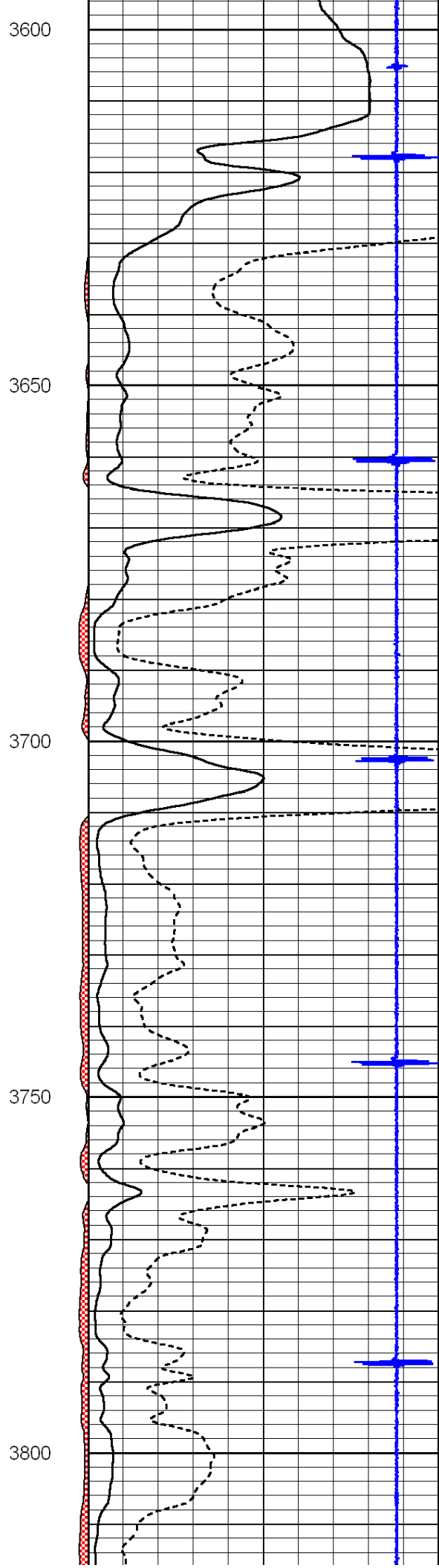
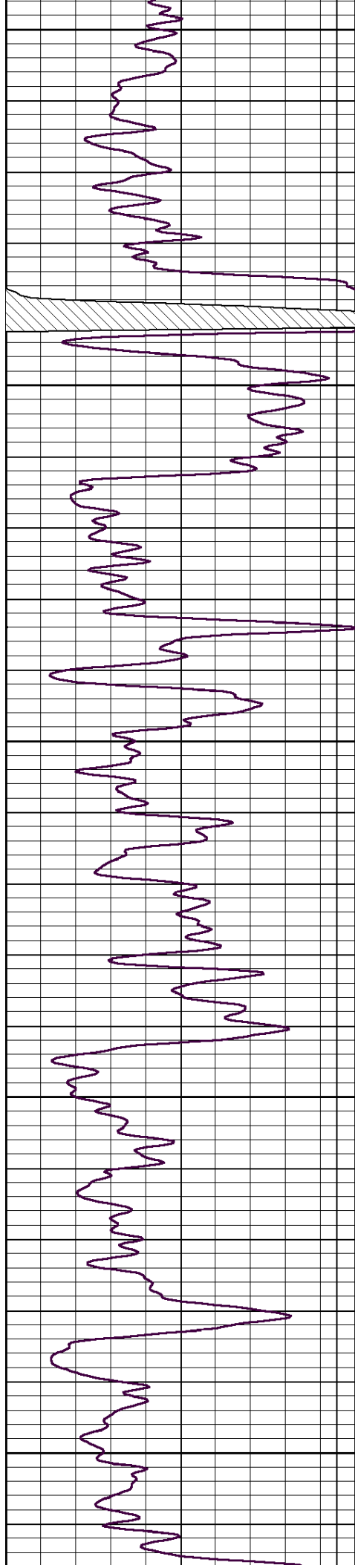
Thank you for using Pioneer Energy Services
(620) 672-8300

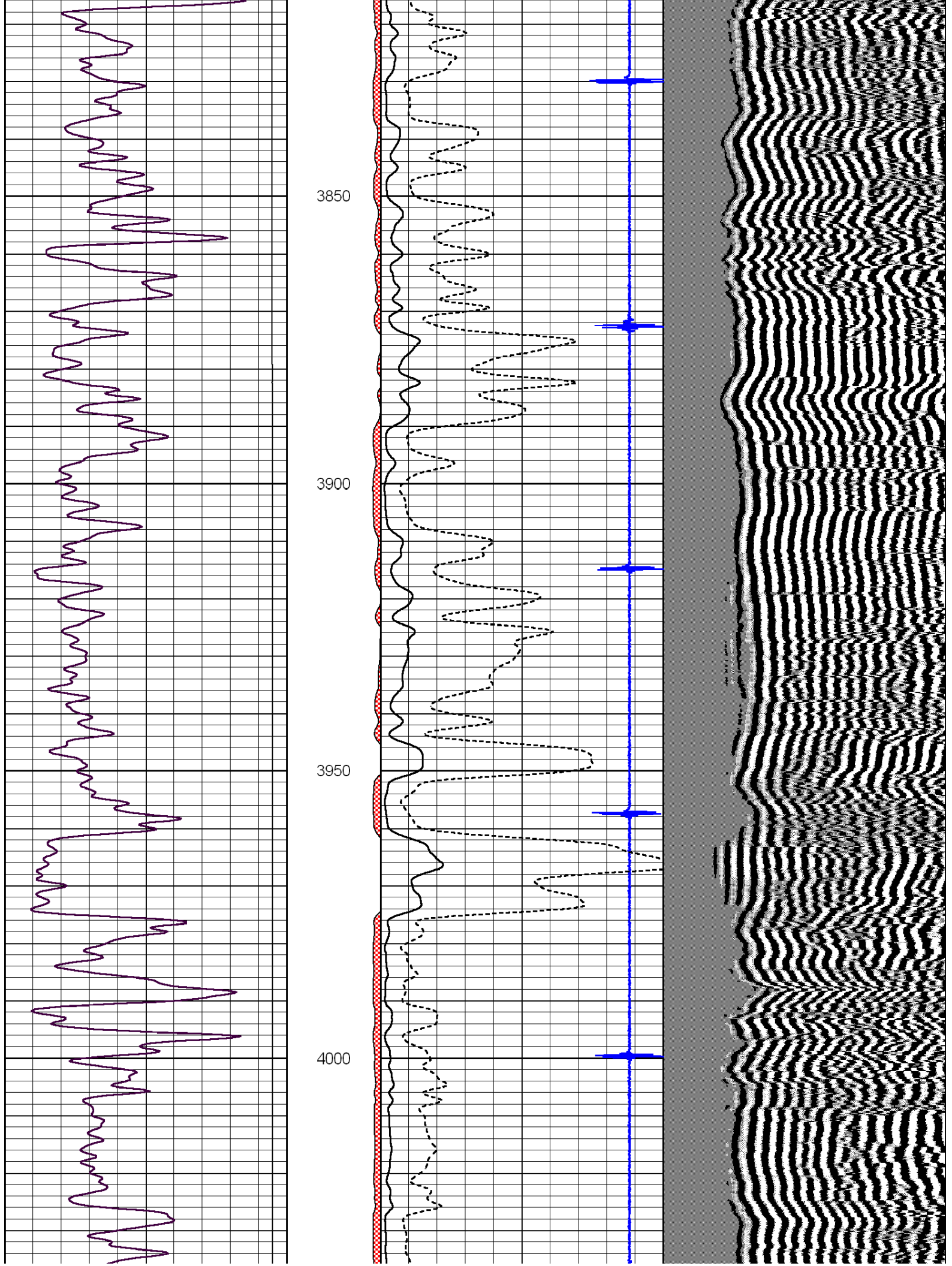
Johnson City, SW Corner @ Jct 160/27 Hyw, 4.3SW on 160 to P 4 W, 1.3S, 3/4E,
S into

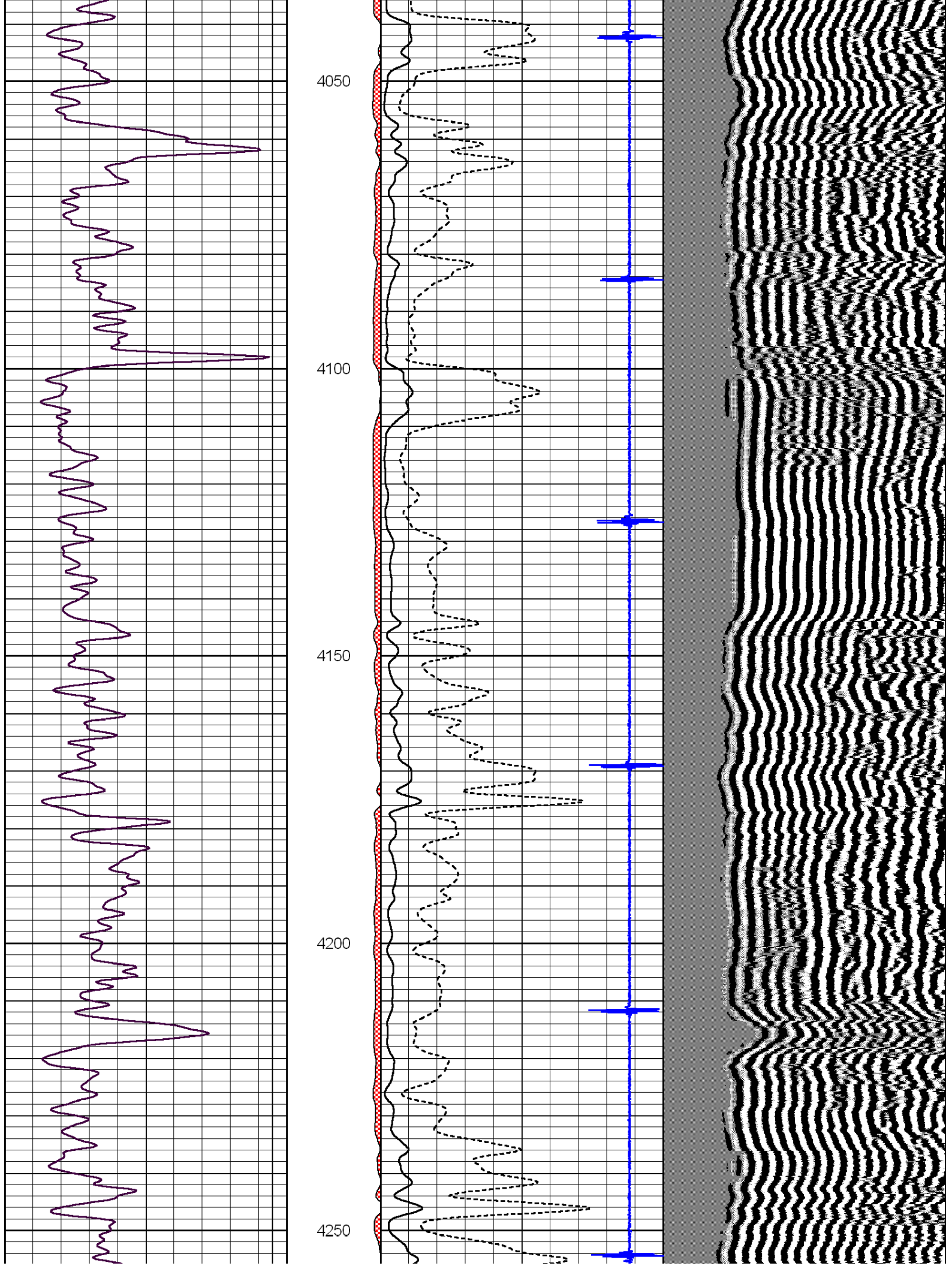
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Dataset Pathname: grcbl/pass4
Presentation Format: cblcr
Dataset Creation: Fri Jul 27 09:10:55 2012
Charted by: Depth in Feet scaled 1:240

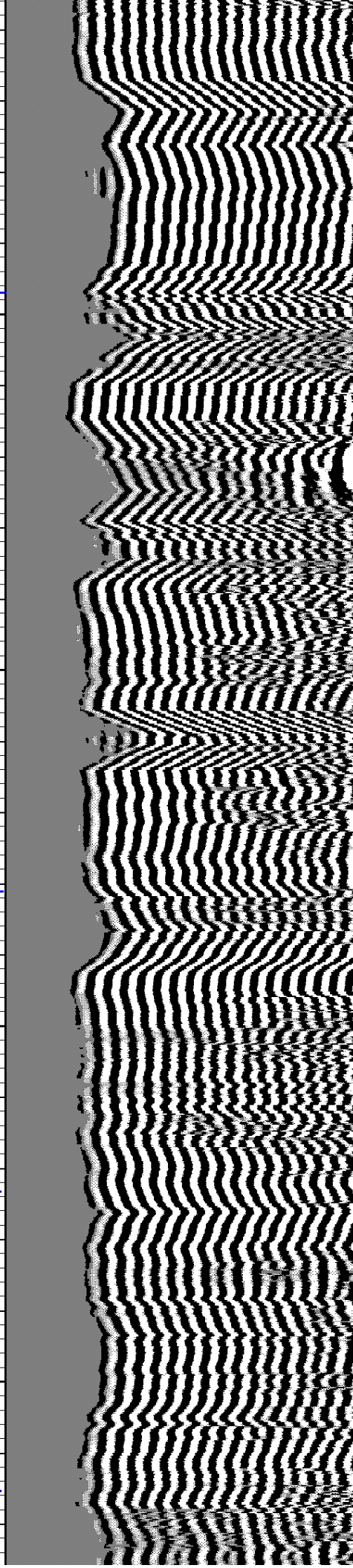
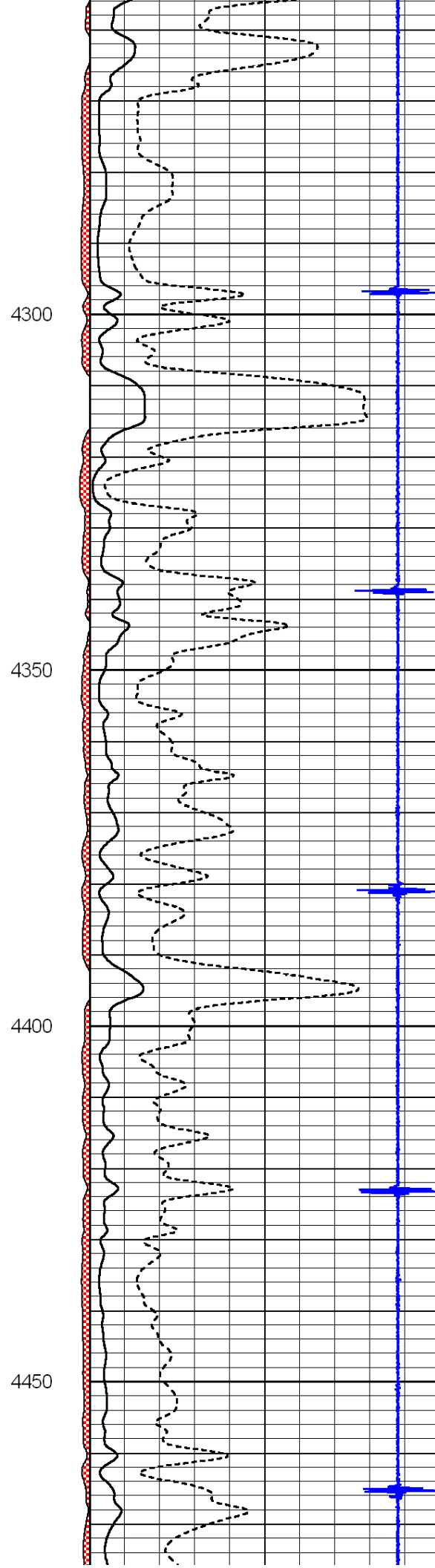
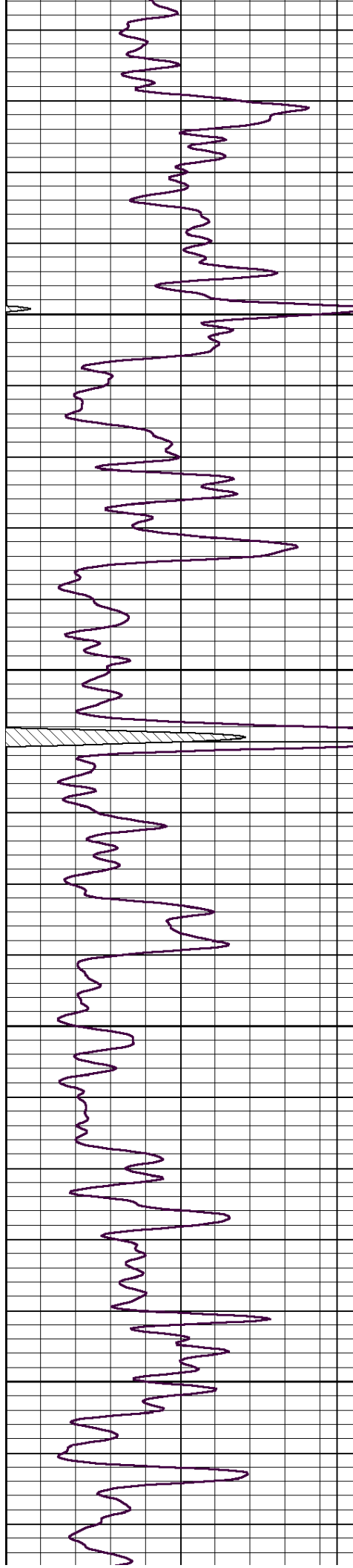
Charted by:		Depth in Feet scaled 1:2.15								
0	Gamma Ray	150	amp3ft	22	Casing Collars	-3	200	wvf5ft	1200	
			(mV)	0	Amplified Amplitude (mV)	100				
			-100	10	0	Pipe Amplitude (mV)				20

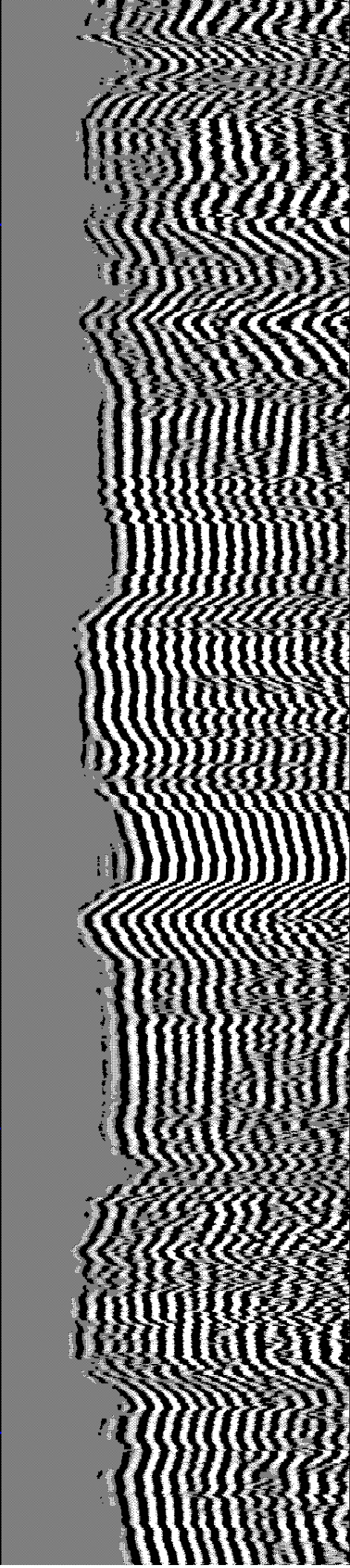
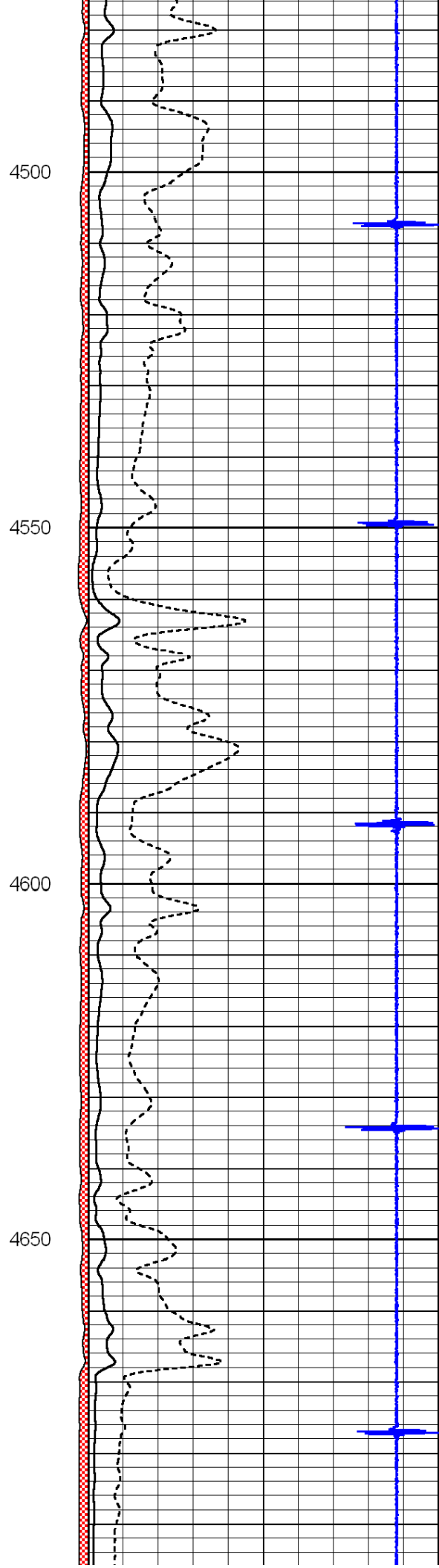
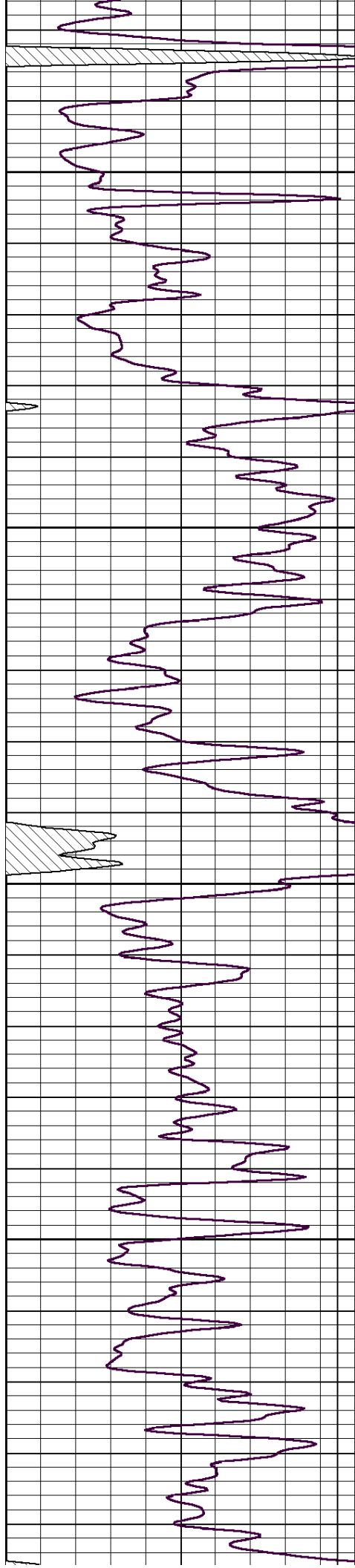


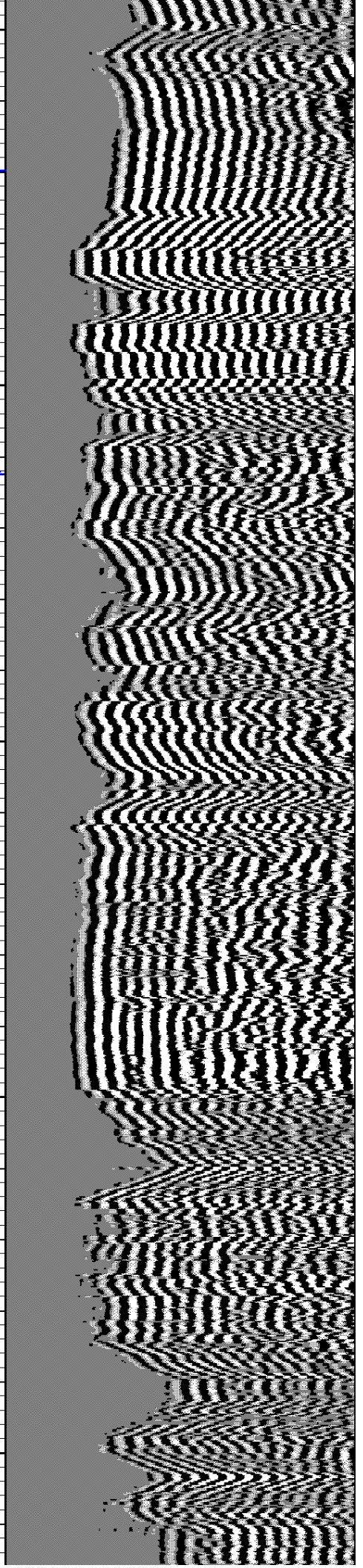
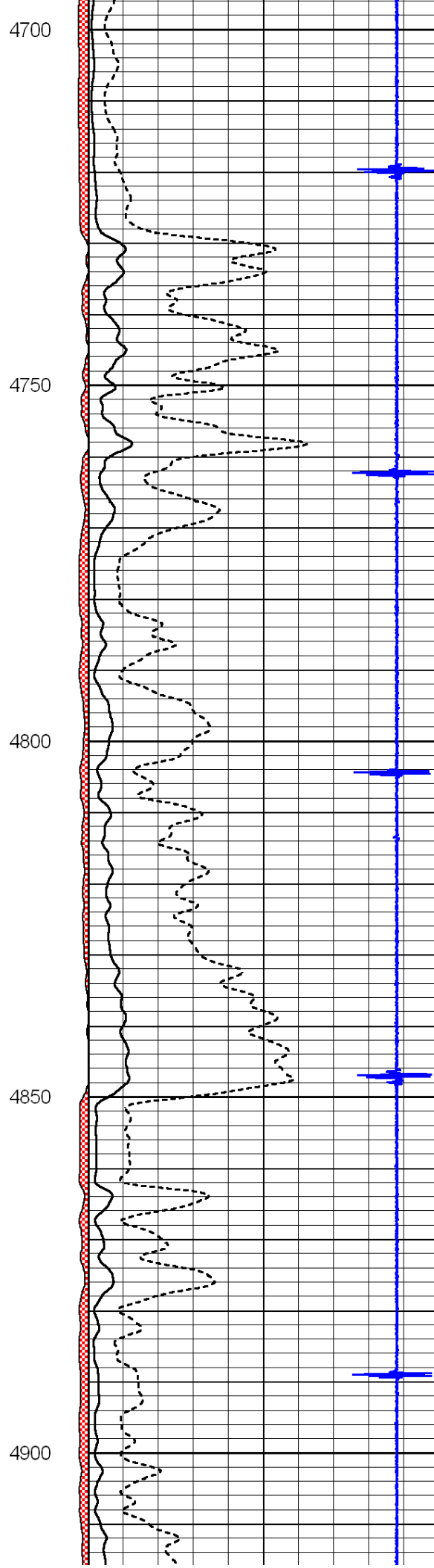
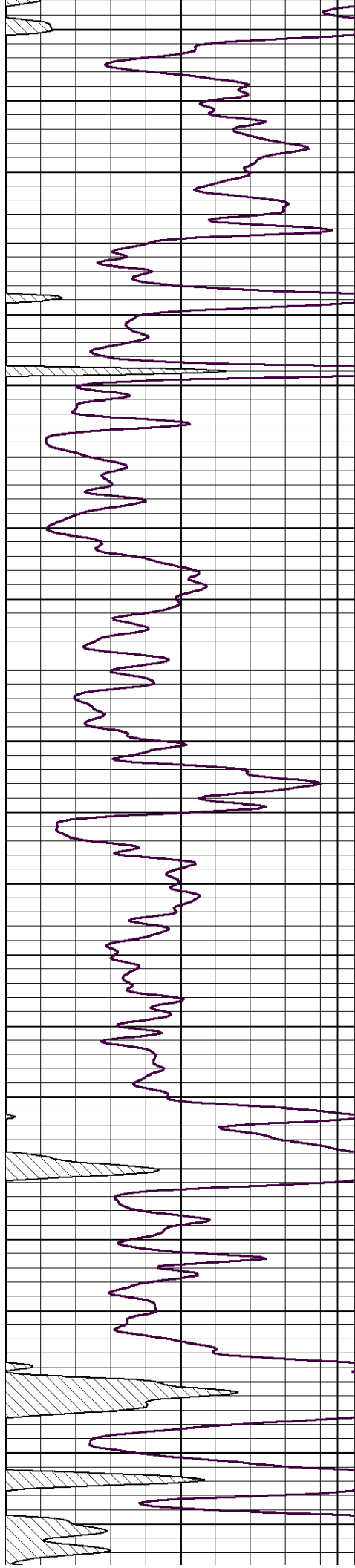


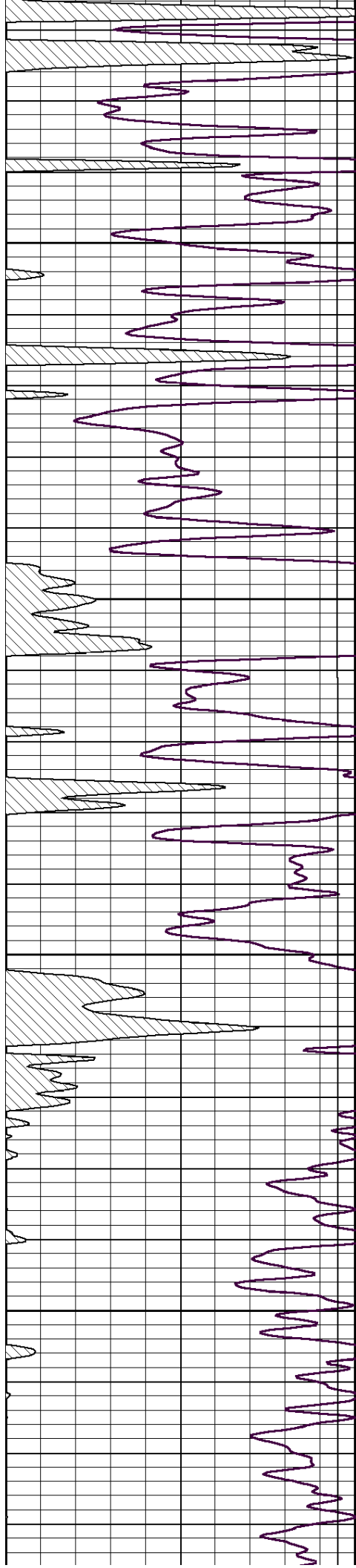










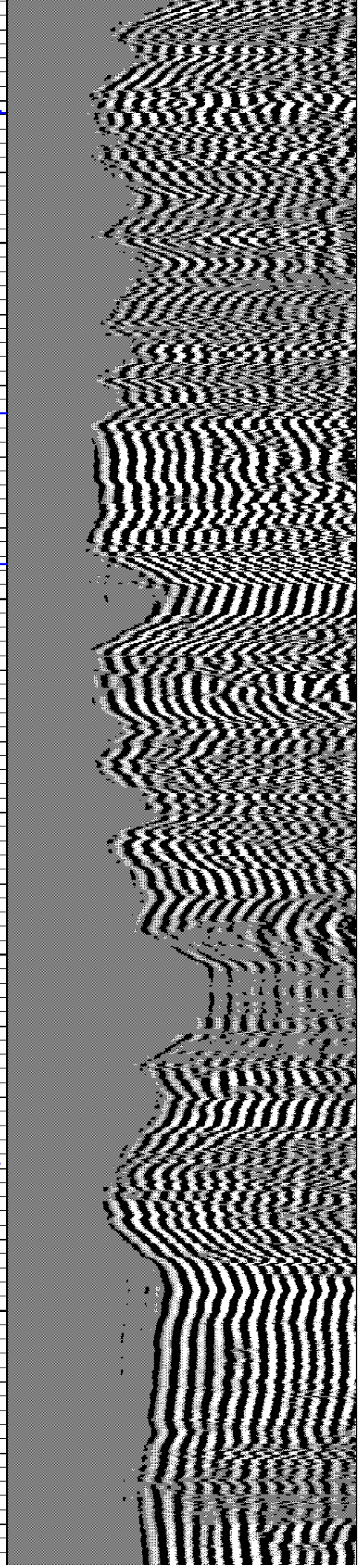
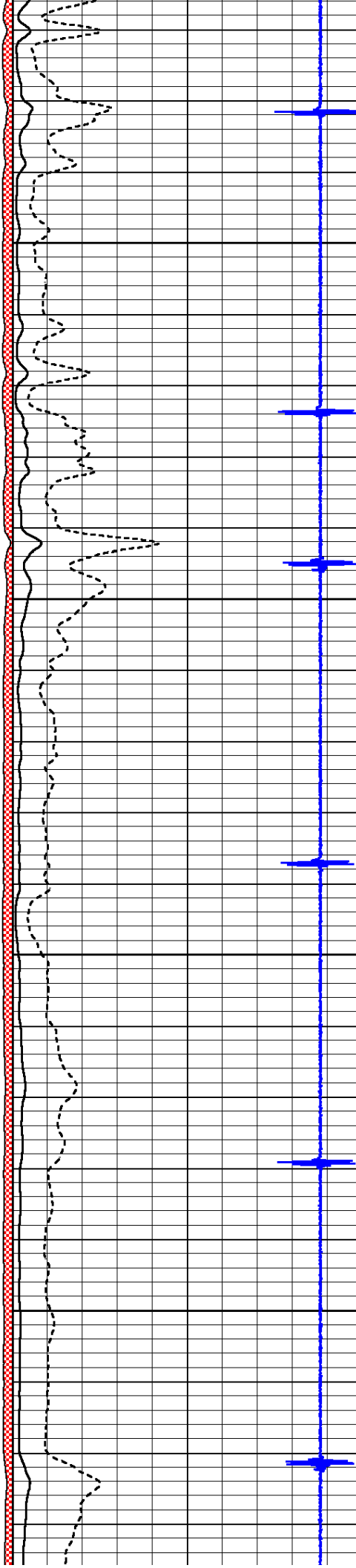


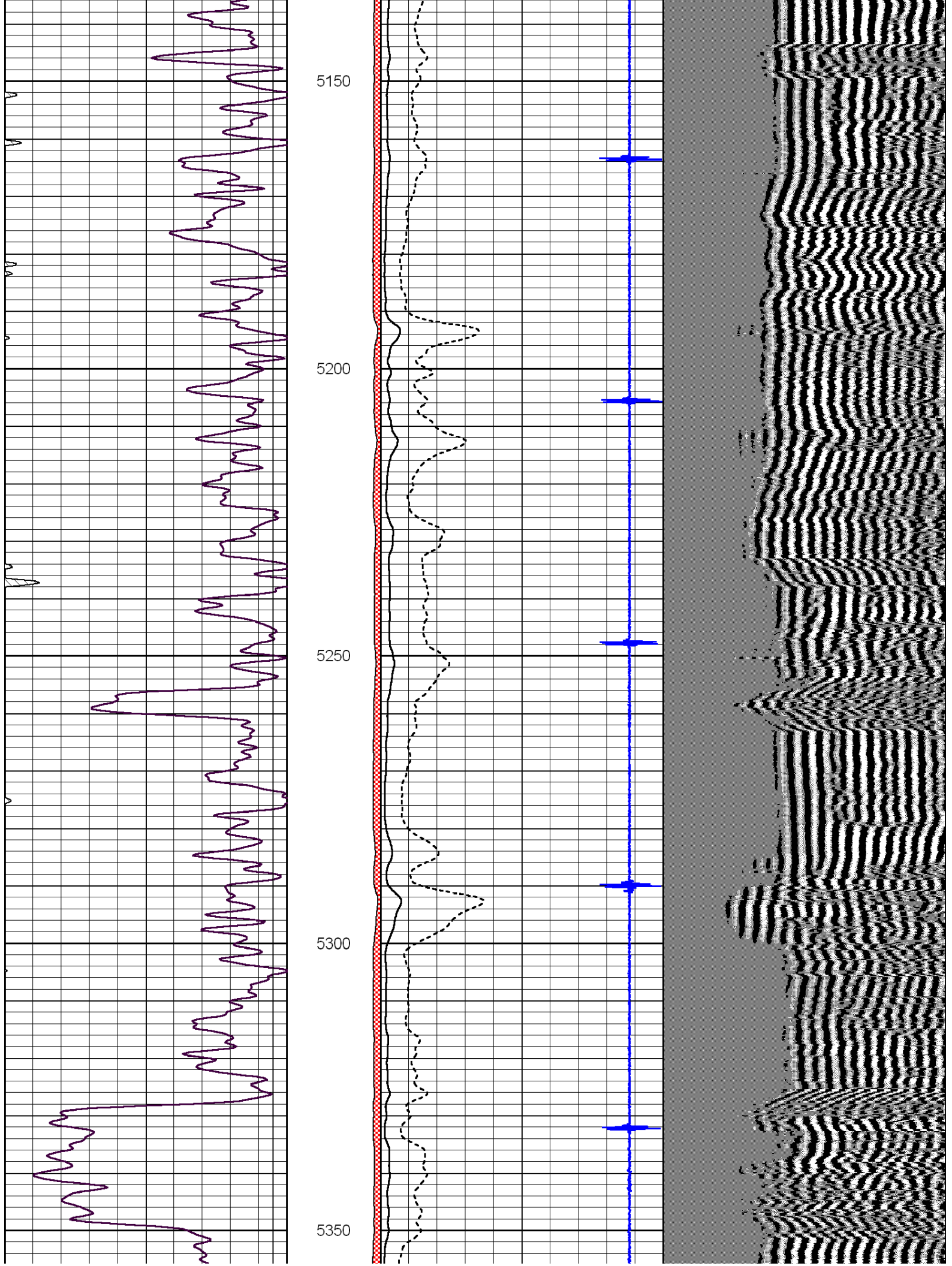
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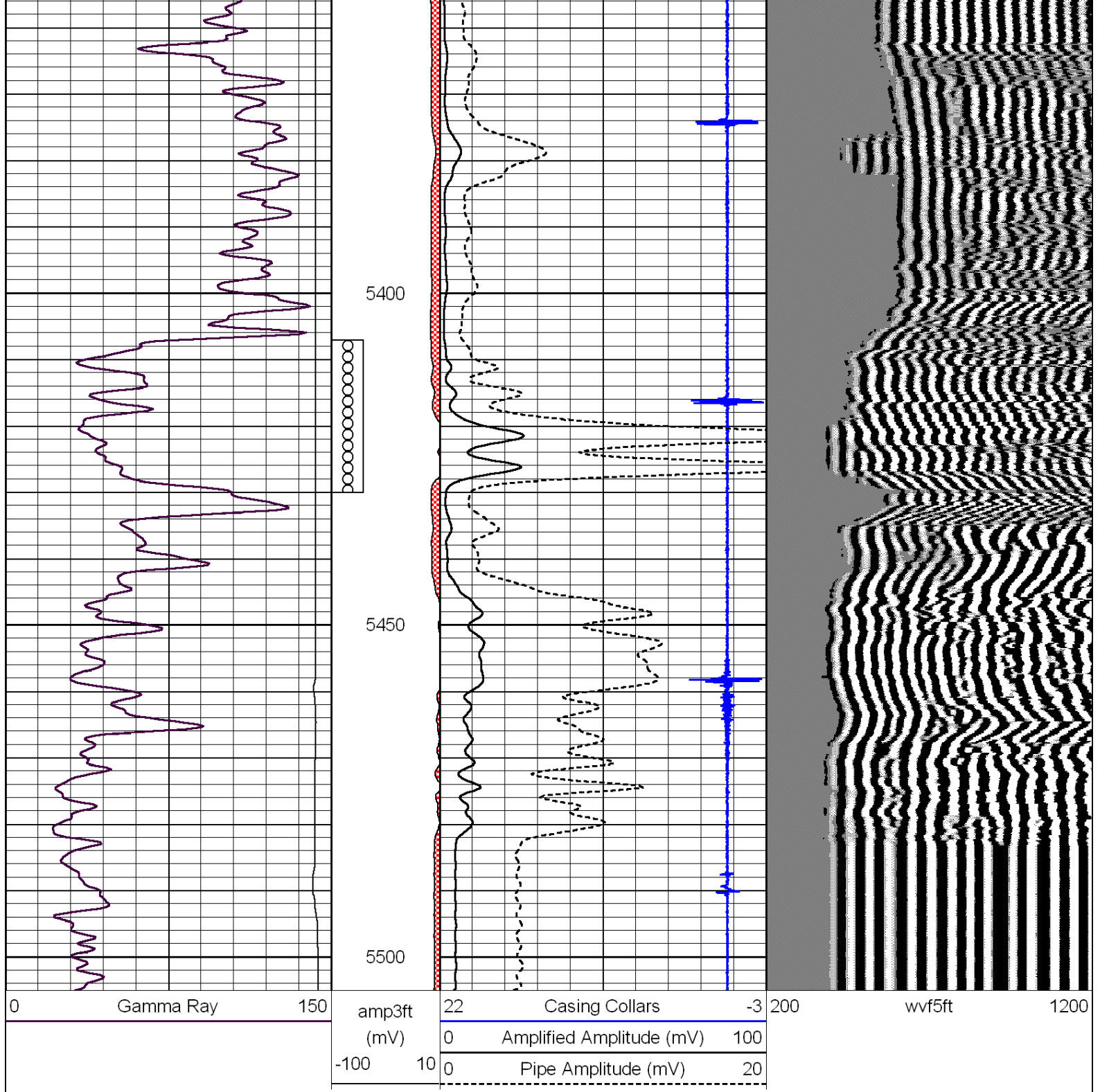
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5050

5100

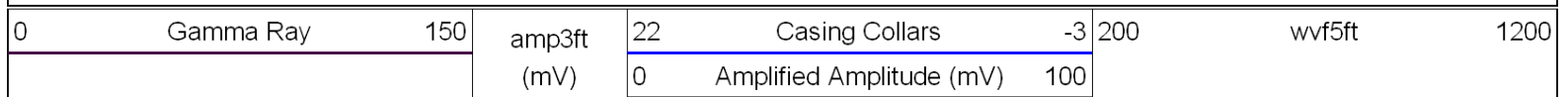


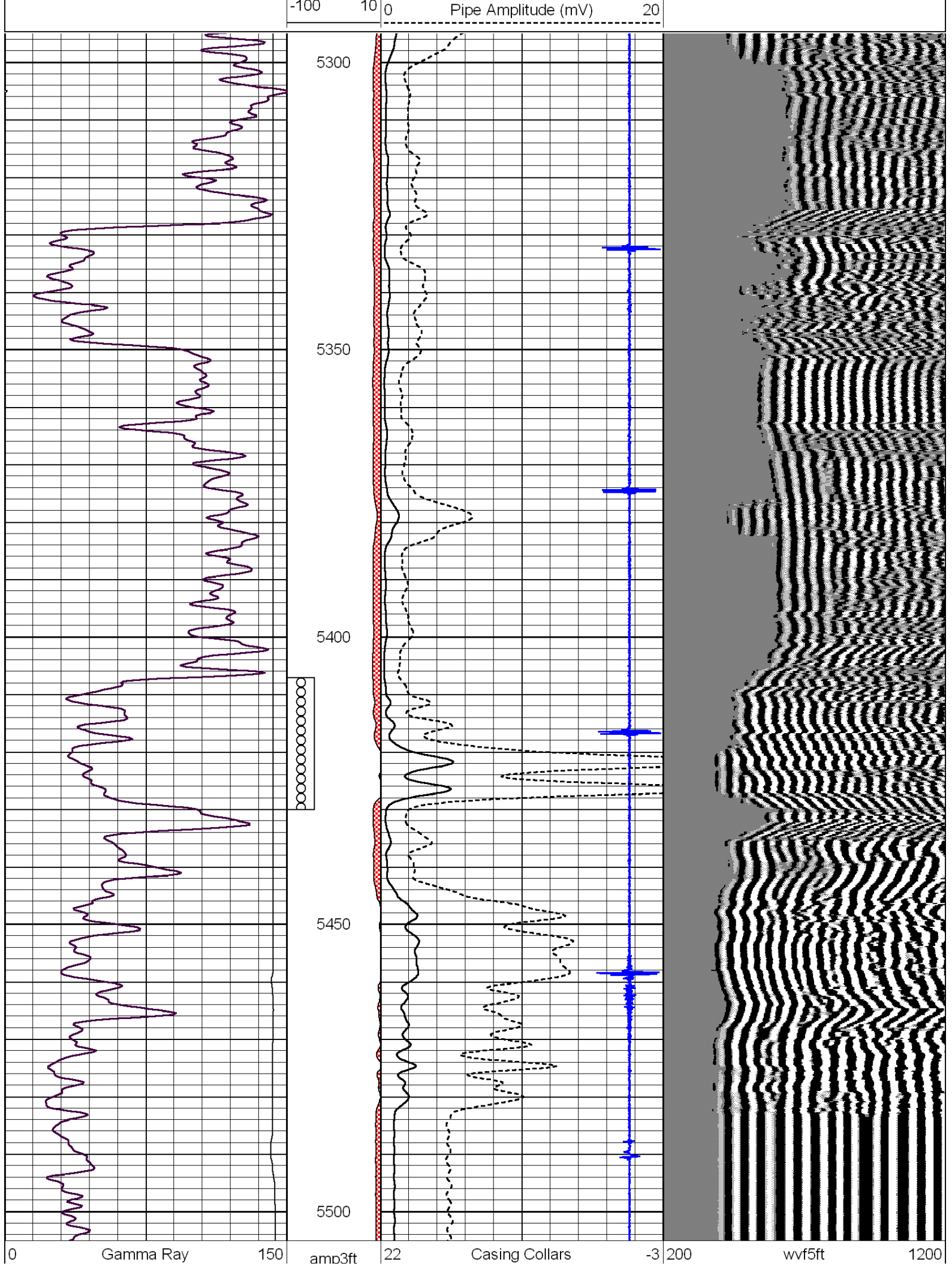




Repeat Section

Database File: stelbar-baughman-4-20.db
 Dataset Pathname: grcbl/pass2
 Presentation Format: cbldr
 Dataset Creation: Fri Jul 27 08:15:11 2012 by Log SCH 110630
 Charted by: Depth in Feet scaled 1:240





	(mV)	0	Amplified Amplitude (mV)	100
	-100	10	Pipe Amplitude (mV)	20