



Sonic Cement Bond Log

Pioneer Energy Services

API No.

15-035-24583

Company Taos Resources Operating
Well WMU # 29
Field Maddix North
County Cowley State Kansas

Location

1485' FNL & 165' FWL

Other Services

None

Sec: 2 Twp: 33S Rge: 5E

Permanent Datum Ground Level Elevation 1294

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

K.B. 1304
D.F. 1303
G.L. 1294

Run Number One

Date Survey 7/1/2014

Date Cementing 6/17/2014

Type Cementing Operation Primary

Depth Driller 3623

Depth Logger 3560

Logged Interval 3560 to 2335

Casing Driller 5.5 @ TD

Float Collar -- D.V. Tool 5.5 @

Squeeze Depth

Amount & Type Cement

Amount & Type Admix

Type Fluid In Hole Water

Fluid Level Full

Salinity PPM CL

Weight lb/gal -- Vis. 2500

Approx. Logged Cement Top

Calculated Cement Top

Max. Hole Temperature 120

Tool No. DIG 1-5

Spacing Recorded 3-5

Equipment -- Location 5 Pratt

Recorded By Craig Bates

Witnessed By Ray Dorothy

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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 Pioneer Energy Services
(620) 672-8300

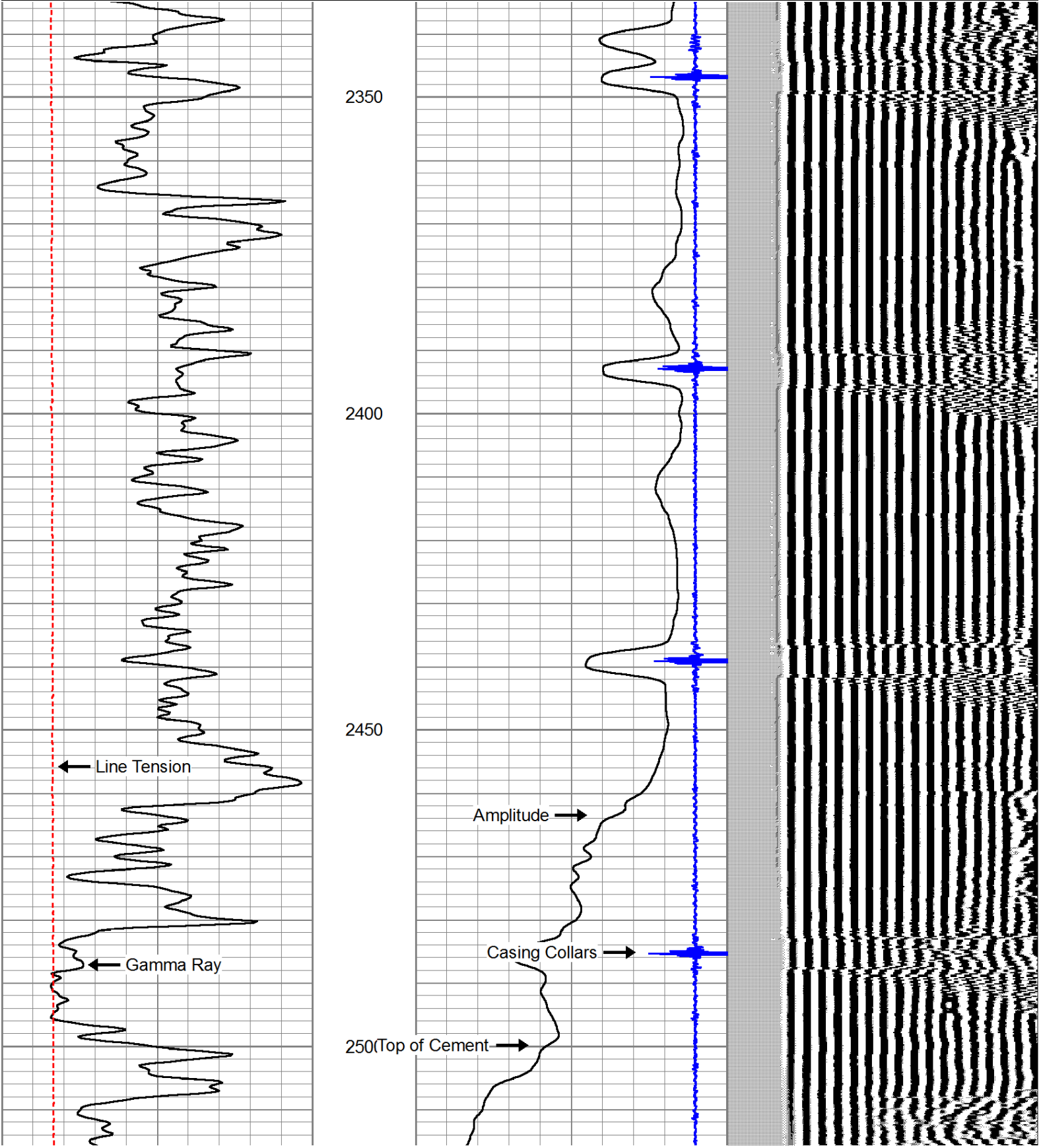
Winfield Ks
7 E to Rd 1 2 S
1 E 1/2 S E into

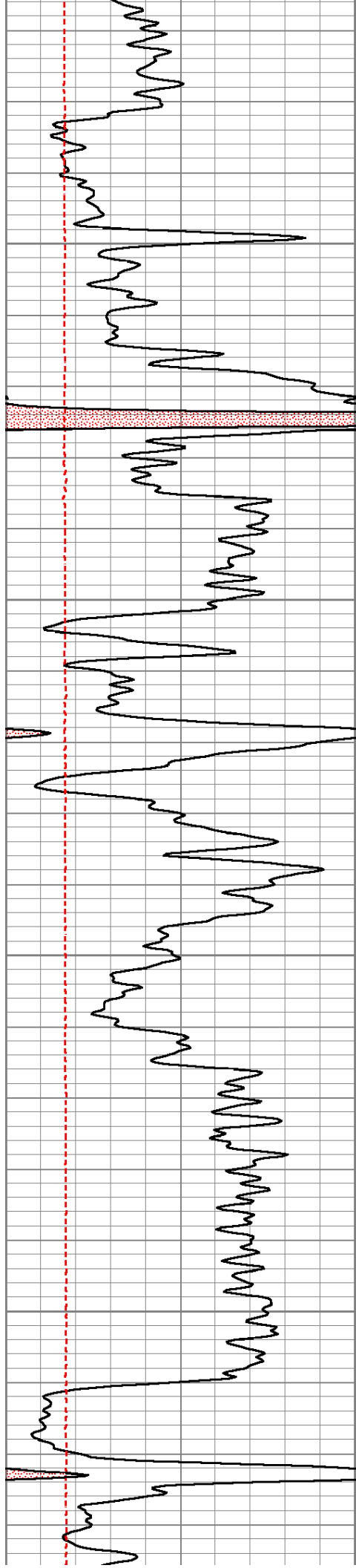


Main Pass

Database File: taos_wmu-29.db
Dataset Pathname: grcbl/pass3
Presentation Format: cbldig
Dataset Creation: Tue Jul 01 13:31:41 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	AMP3	0	Amplitude (mV)	100	200	Variable Density	1200
0	Line Tension (lb)	5000	(mV)	0	Amplified Amplitude (mV)	10			
			-100	10	15	Collar Locator	-1.7		



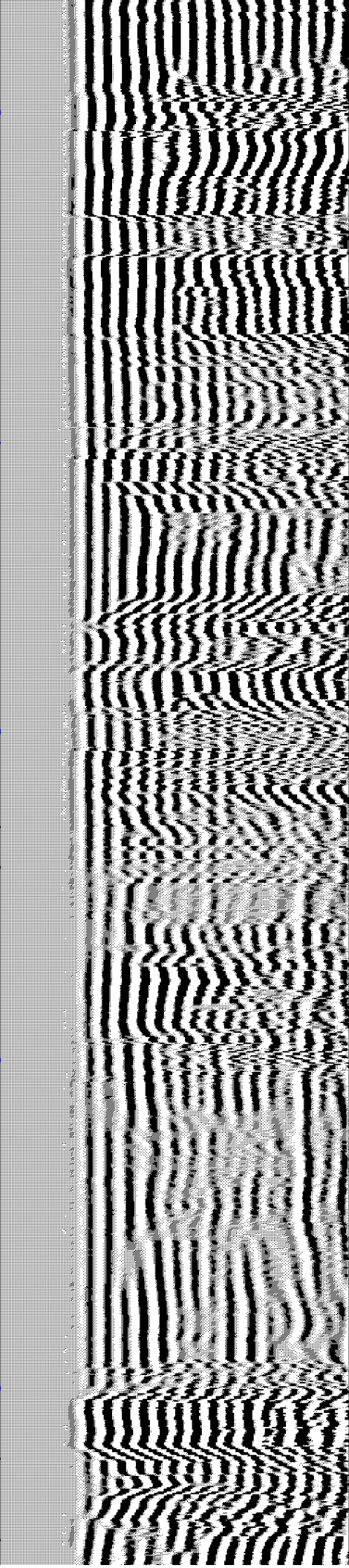
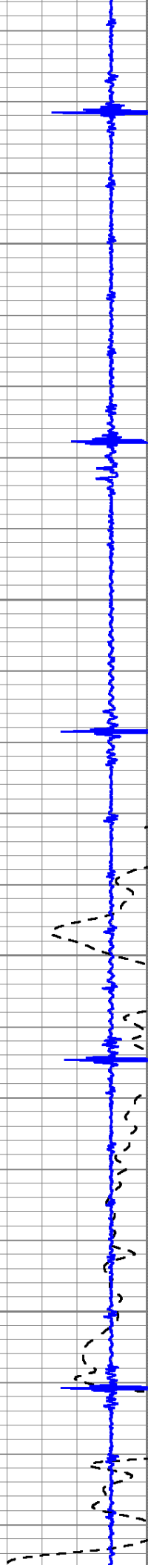
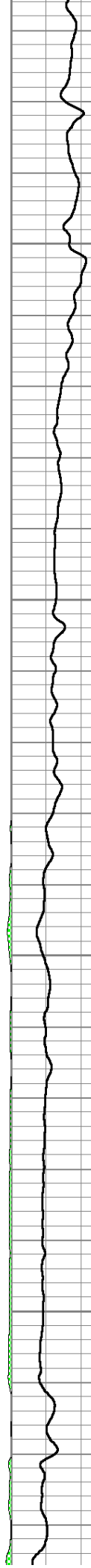


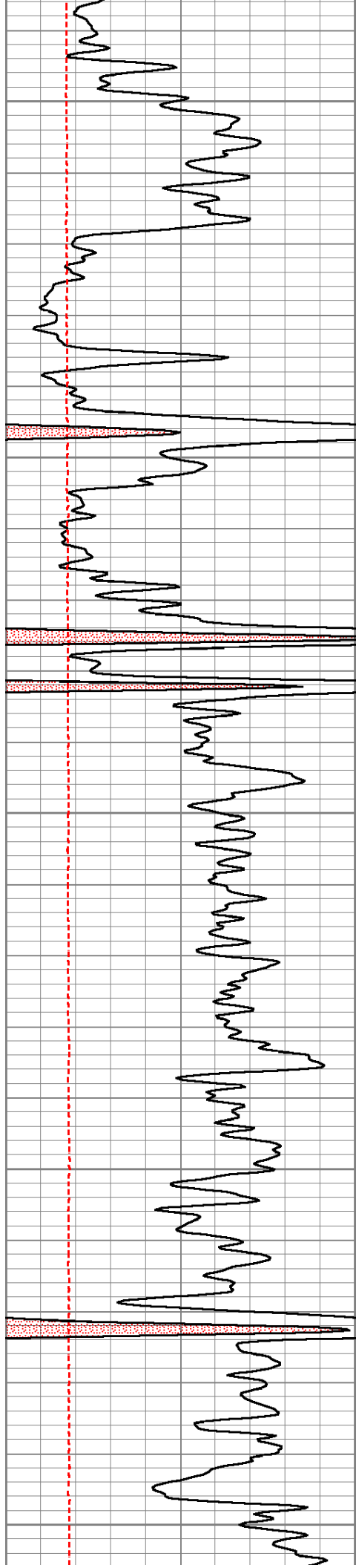
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2600

2650

2700





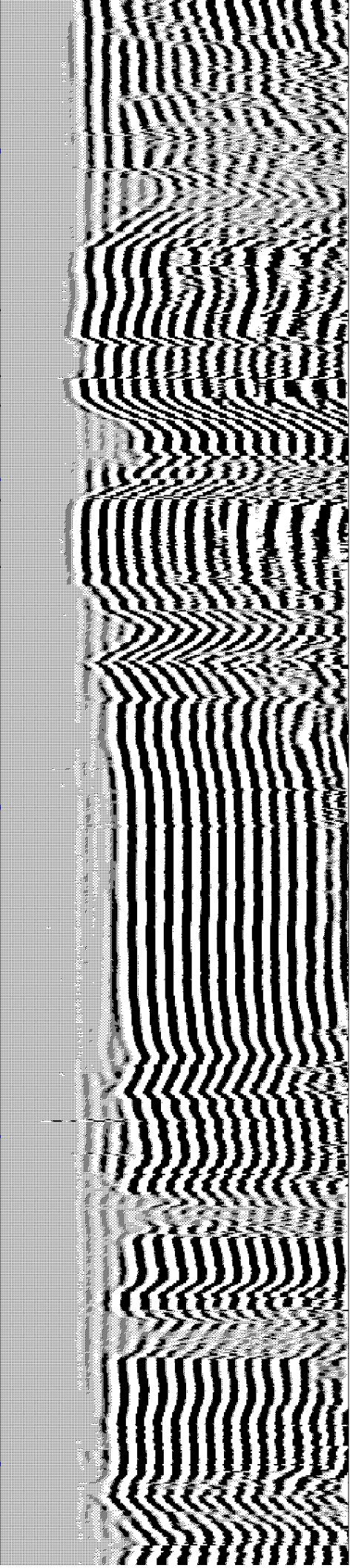
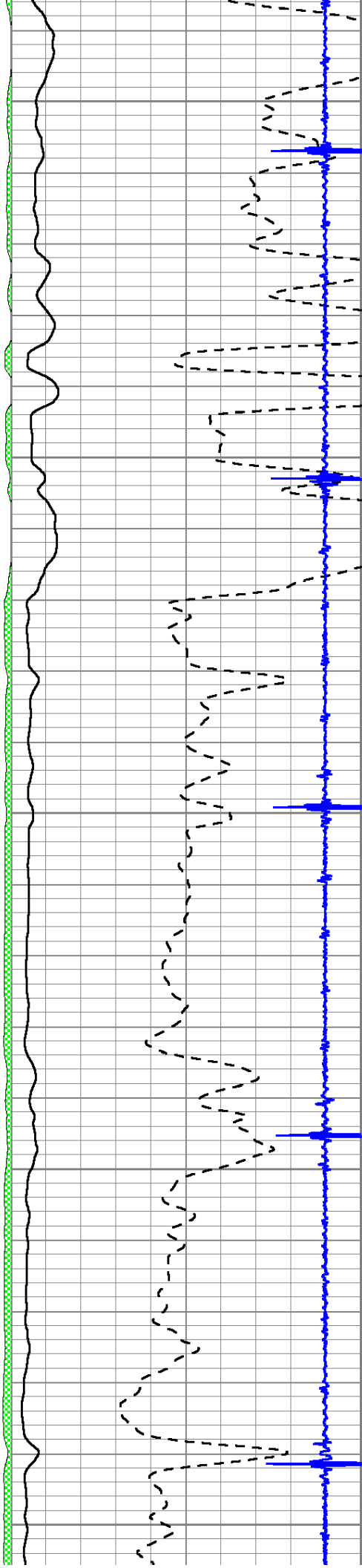
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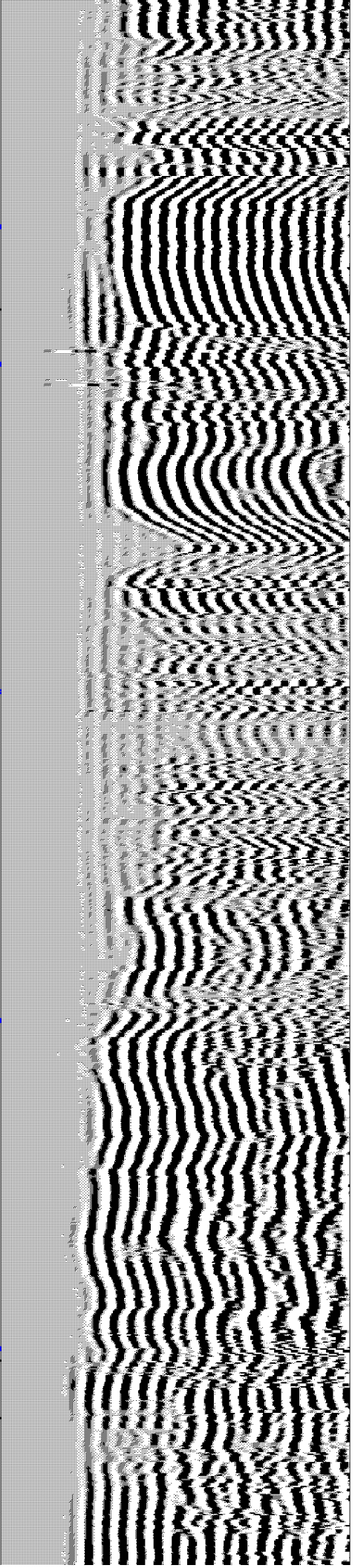
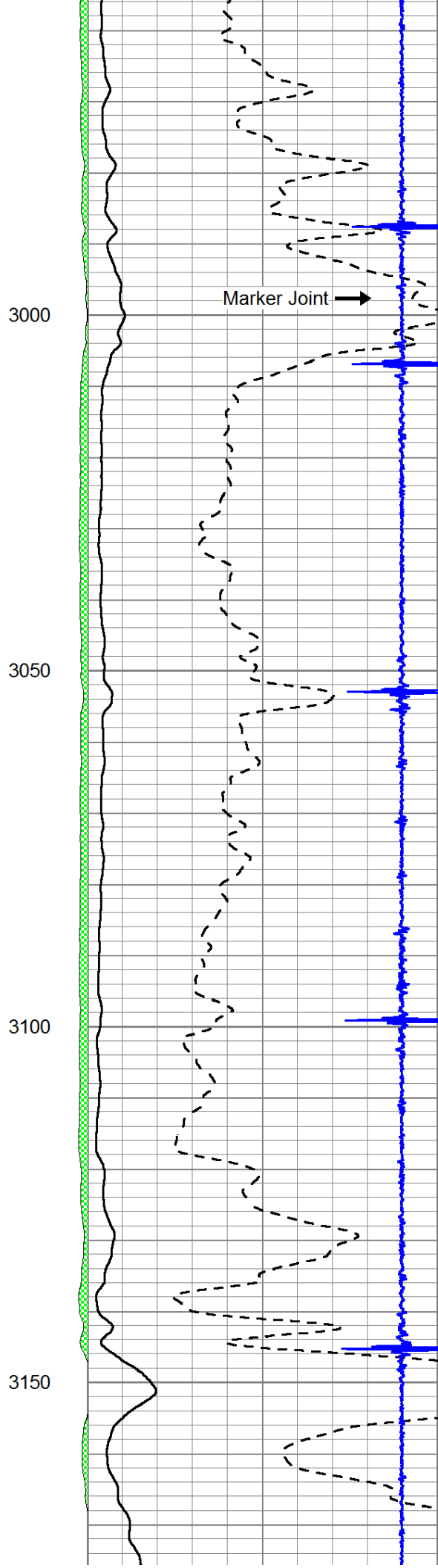
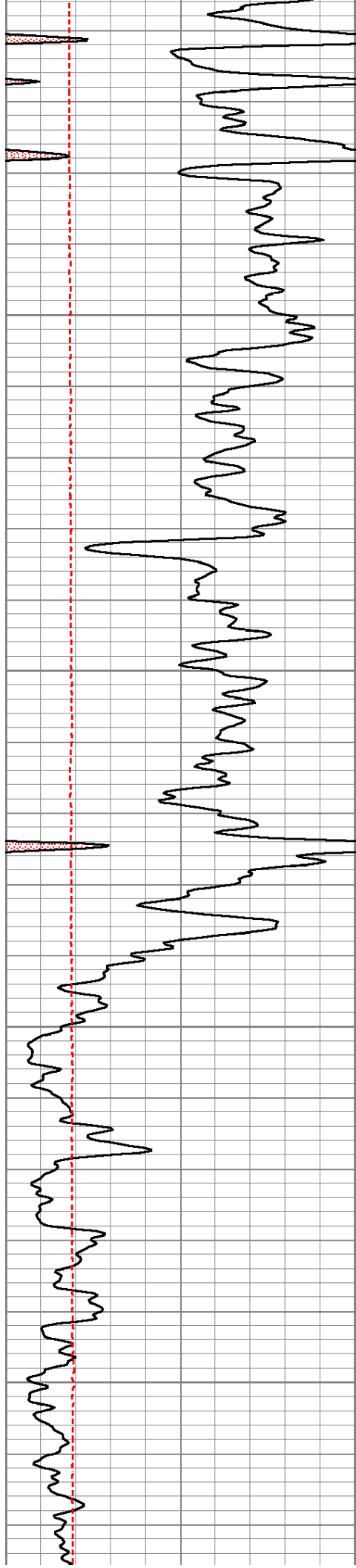
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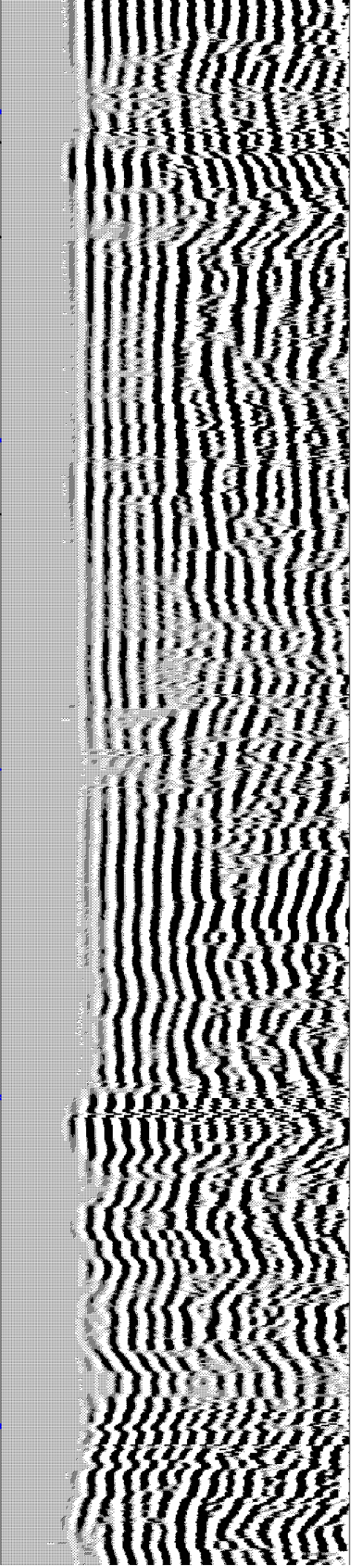
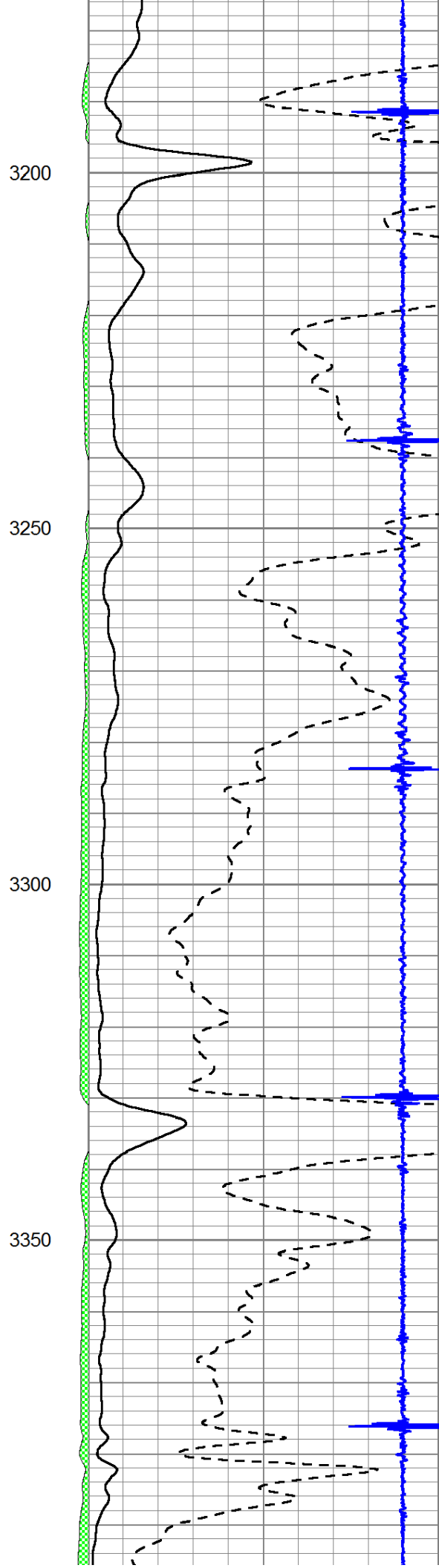
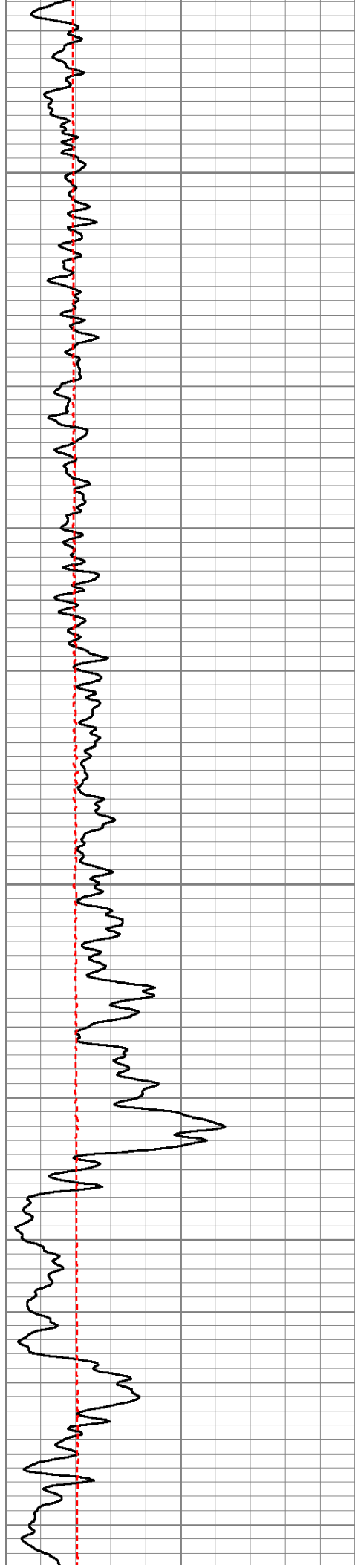
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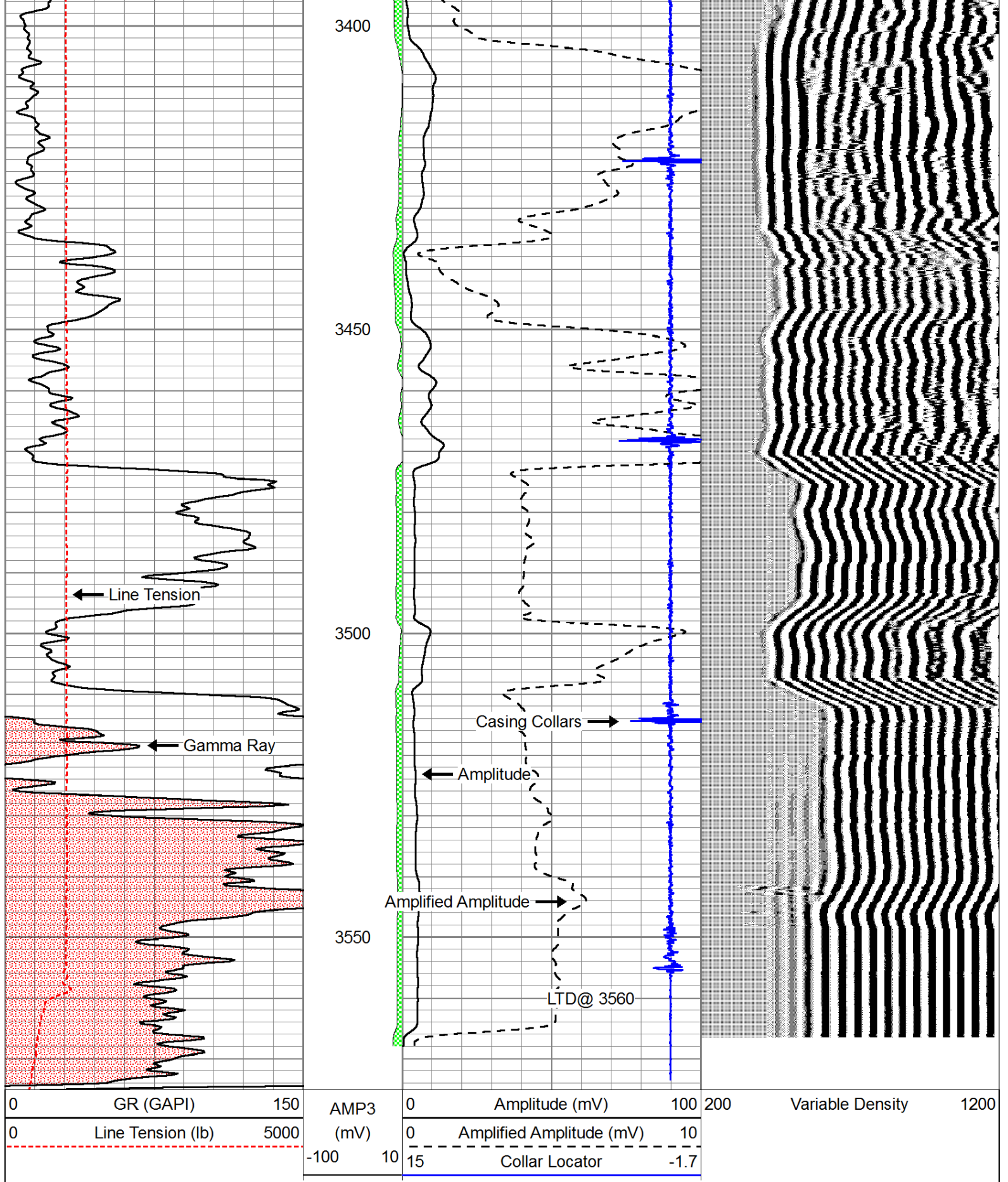
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2950









Database File: taos_wmu-29.db
Dataset Pathname: grcbl/pass2
Presentation Format: cbldig
Dataset Creation: Tue Jul 01 13:22:07 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	AMP3	0	Amplitude (mV)	100	200	Variable Density	1200
0	Line Tension (lb)	5000	(mV)	0	Amplified Amplitude (mV)	10			
			-100	10					
					15	Collar Locator	-1.7		

