



Sonic Cement Bond Log

Pioneer Energy Services

API No.

15-035-24521

Company Taos Resources
Well West Maddix Unit No. 11
Field West Maddix
County Cowley State Kansas

Location 5115 FSL & 1155 FEL
NW NW NE NE
Sec: 3 Twp: 33S Rge: 5E

Other Services
Perforate

Permanent Datum Ground Level Elevation 1306
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1316
D.F. 1314
G.L. 1306

Run Number One

Date Survey 10/21/2013

Date Cementing 10/05/2013

Type Cementing Operation Primary

Depth Driller 3610

Depth Logger 3554

Logged Interval 3554 to 2582

Casing Driller 5.5 @ TD

Float Collar -- D.V. Tool 5.5 @

Squeeze Depth 5.5 @

Amount & Type Cement 5.5 @

Amount & Type Admix 5.5 @

Type Fluid In Hole Water

Fluid Level Full

Salinity PPM CL 5.5 @

Weight lb/gal -- Vis. 5.5 @

Approx. Logged Cement Top 2782

Calculated Cement Top 2782

Max. Hole Temperature 2782

Tool No. DBT 1-1

Spacing Recorded 3-5

Equipment -- Location 13 Pratt

Recorded By M. Schwerdtfeger

Witnessed By Terry Madden

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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

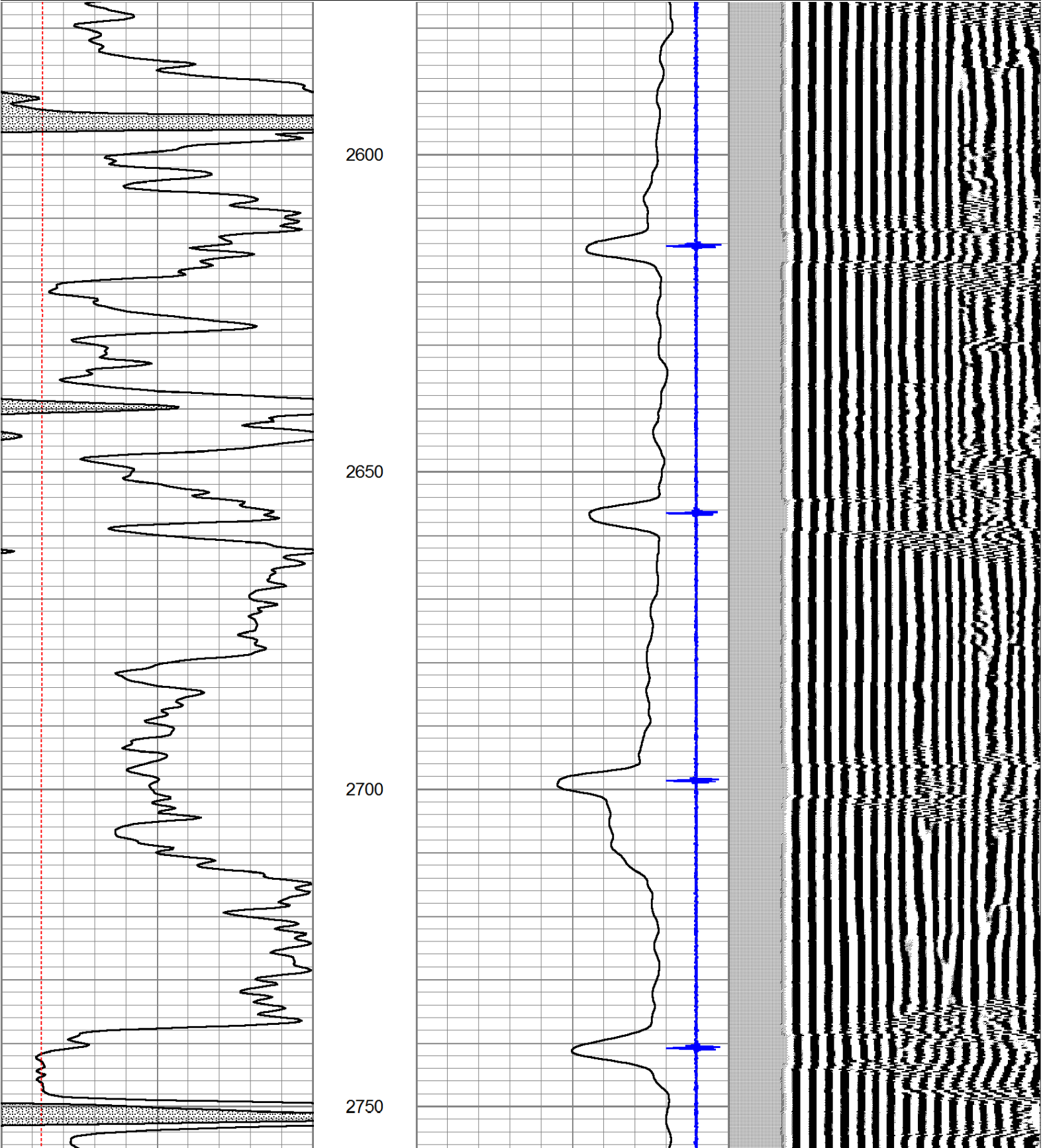
Winfield Ks West To Co. Rd 1,
2 South, 3/4 East,
South Into

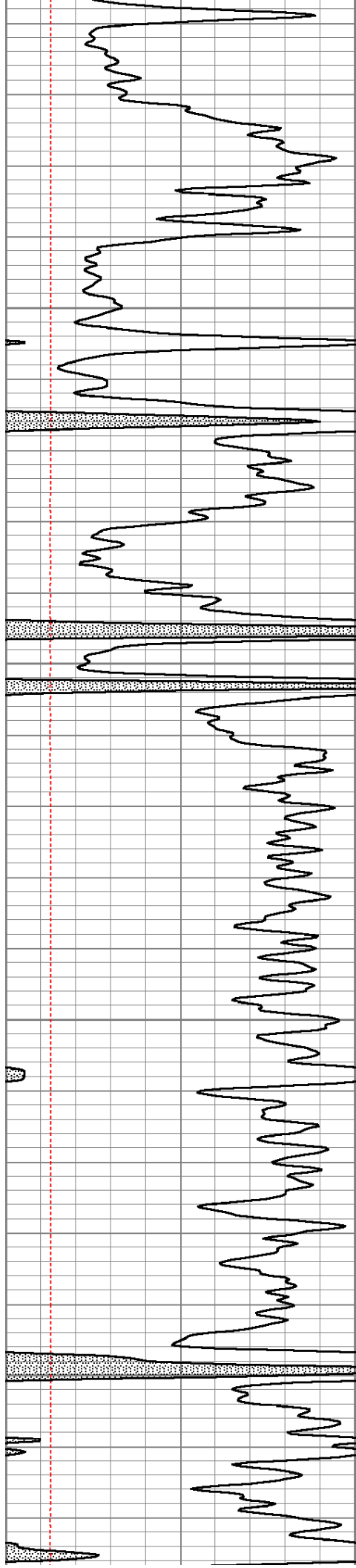


Main Pass

Database File: taos_wmu_11.db
Dataset Pathname: grcbl/pass3
Presentation Format: cbldig
Dataset Creation: Mon Oct 21 08:34:03 2013 by Log SCH 120126
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	0	Amplitude (mV)	100	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplified Amplitude (mV)	10			
			26	Collar Locator	-3			



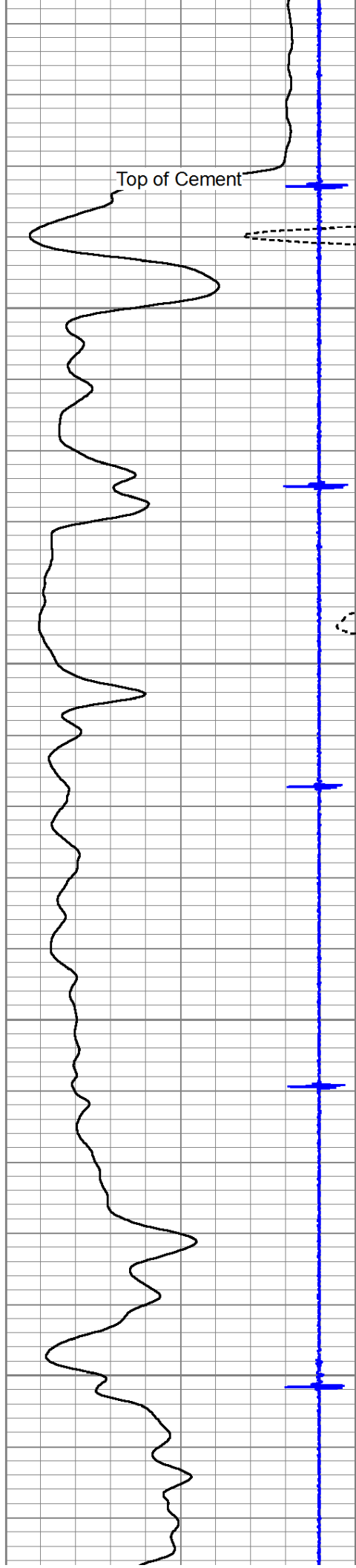


2800

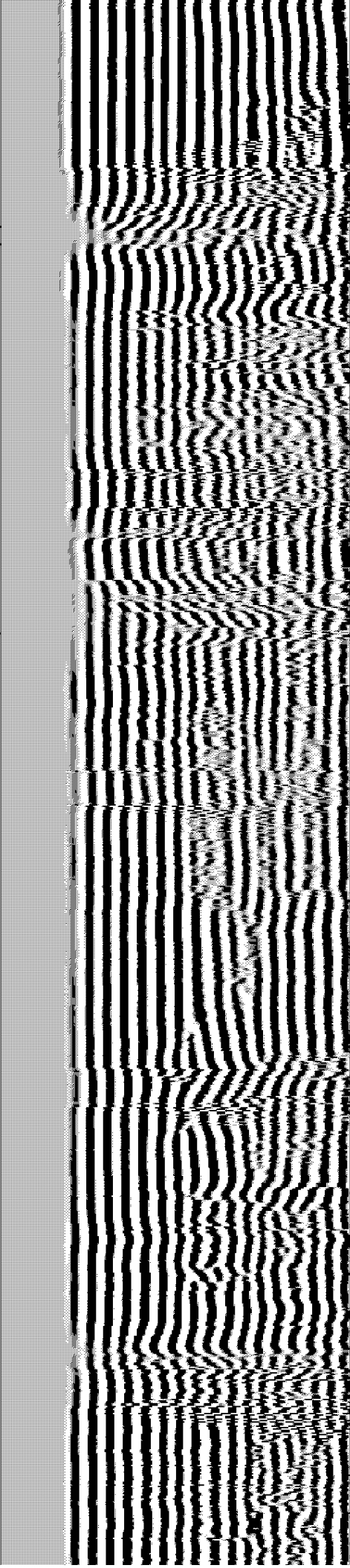
2850

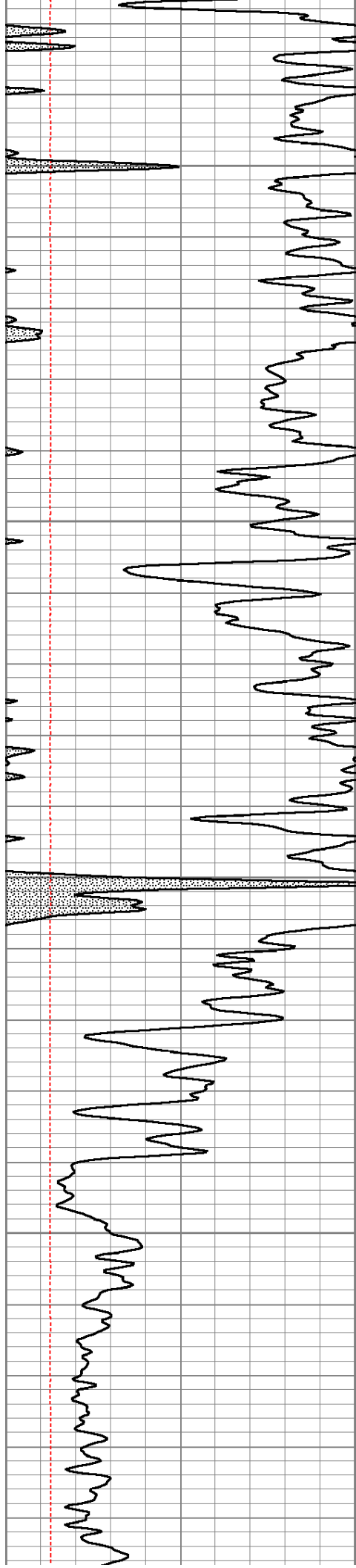
2900

2950



Top of Cement





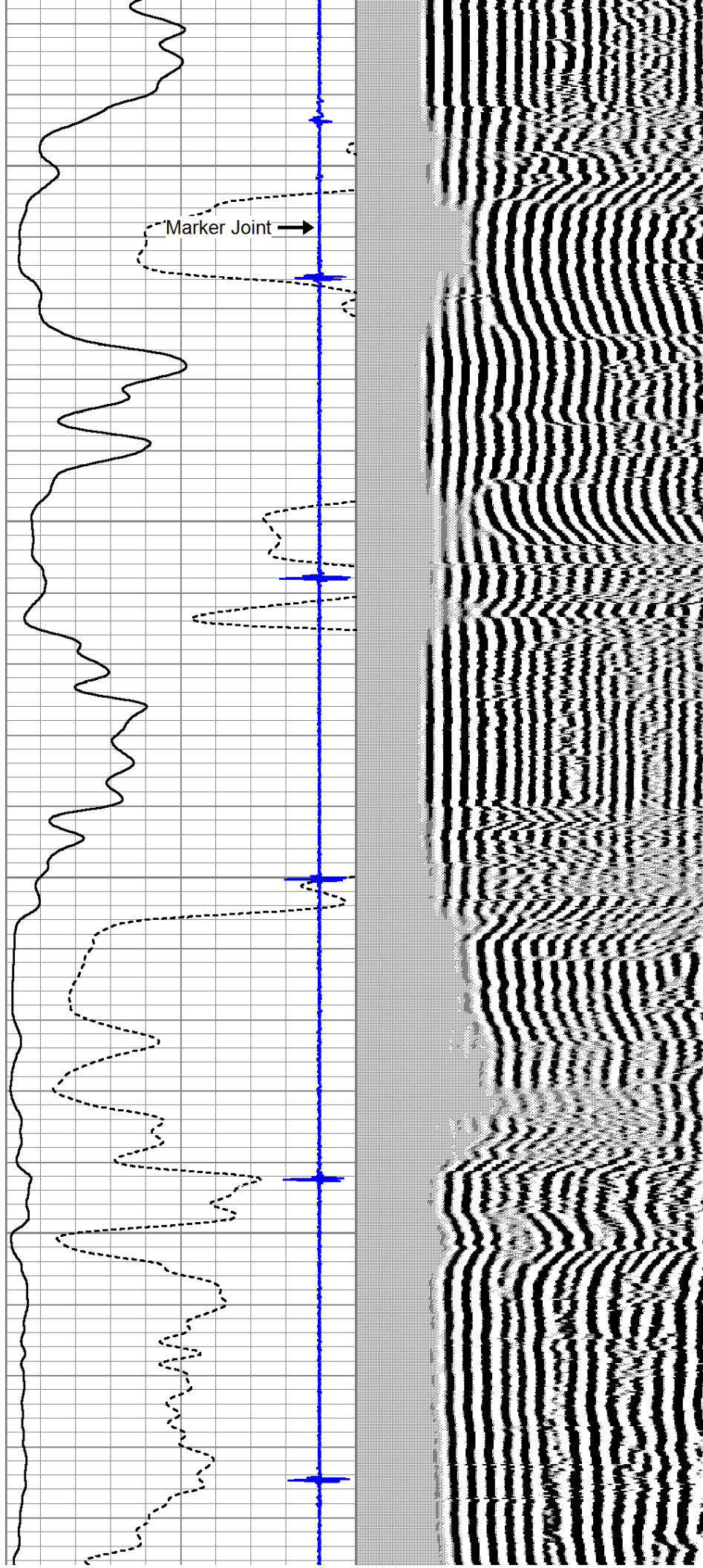
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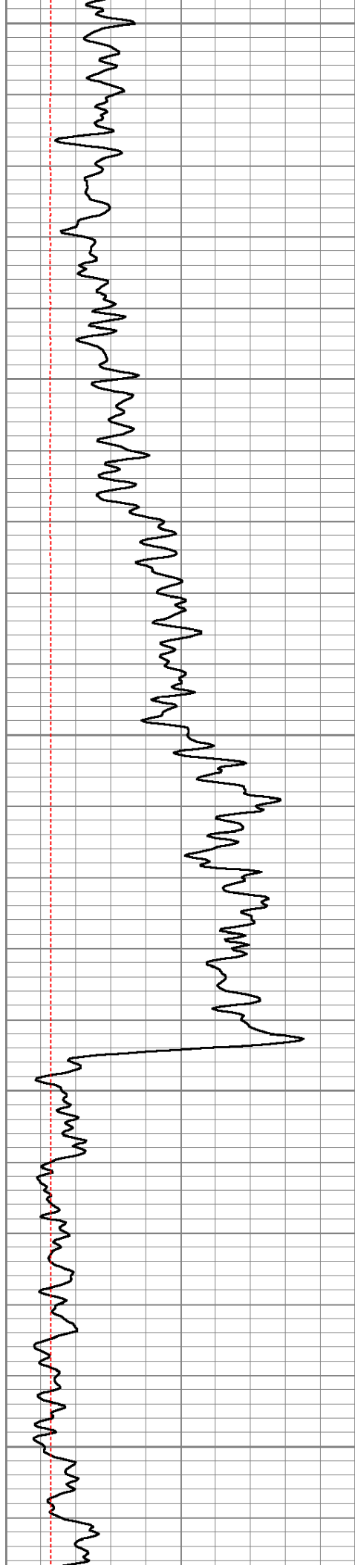
3050

3100

3150

Marker Joint →





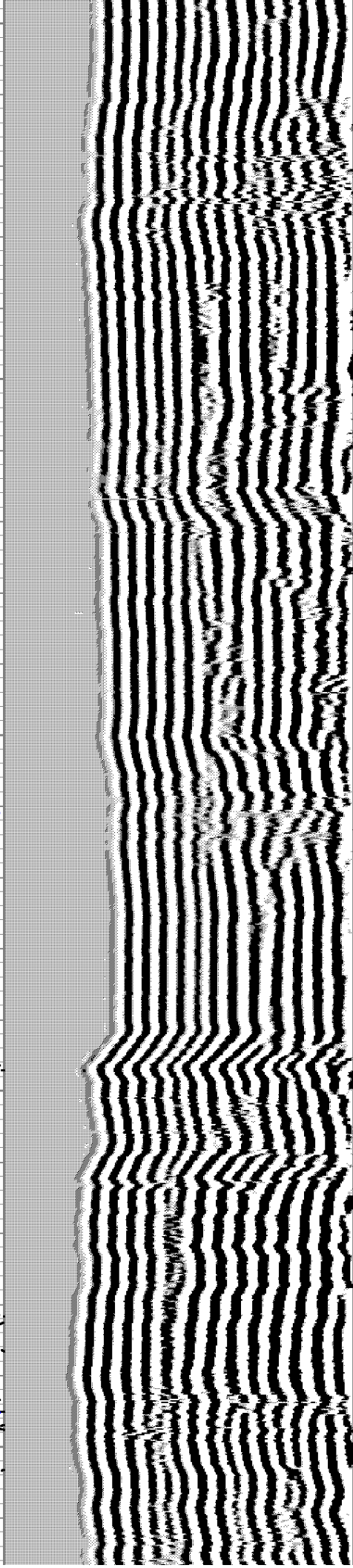
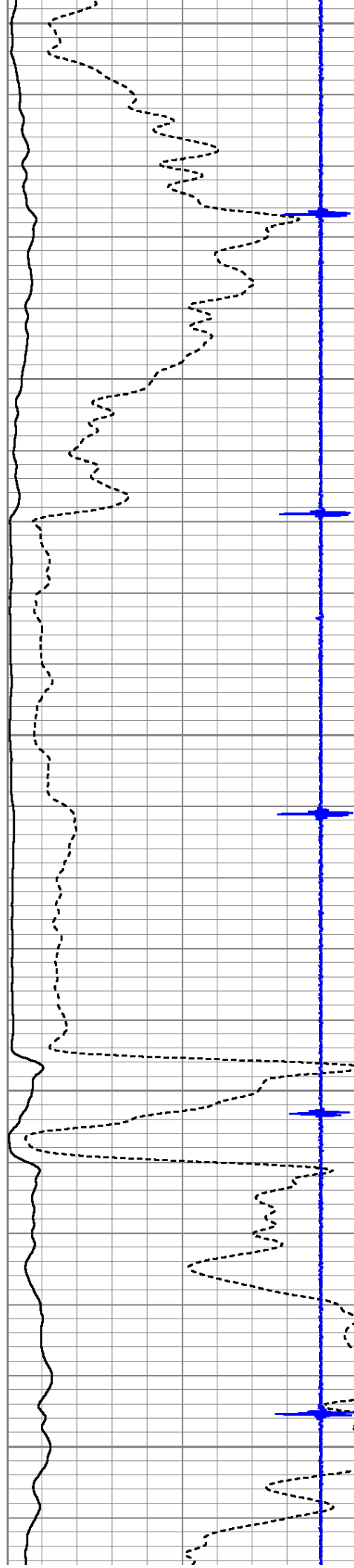
3200

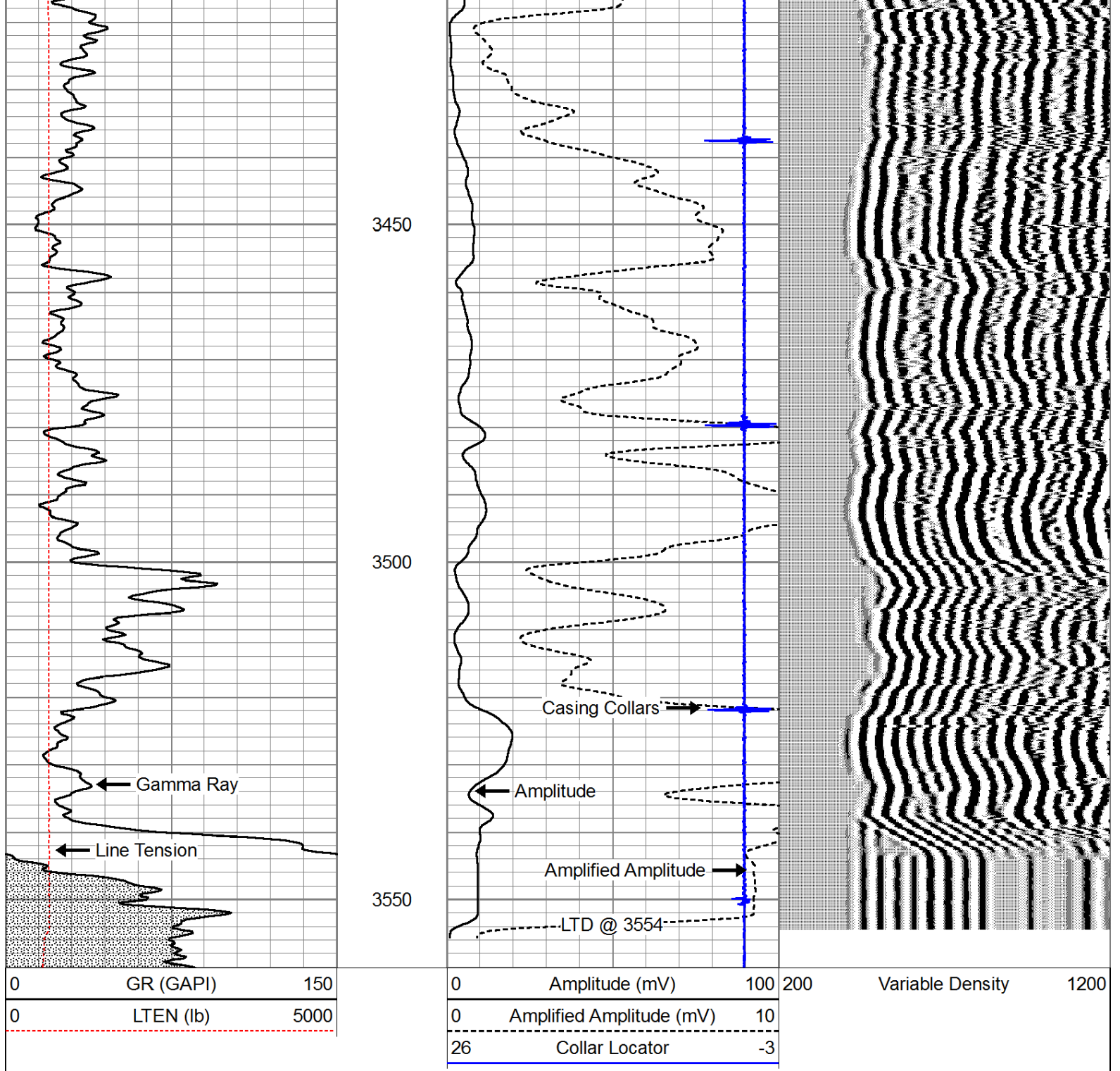
3250

3300

3350

3400





Repeat Section

Database File: taos_wmu_11.db
 Dataset Pathname: grcbl/pass2
 Presentation Format: cblidig
 Dataset Creation: Mon Oct 21 08:26:59 2013 by Log SCH 120126
 Charted by: Depth in Feet scaled 1:240

