

Well #3 Randels B

County Barber State Kansas

Other Services

SEC 34 TWP 32S RGE 12W

Permanent Datum	Ground Level	Elevation	1545
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Drilling Measured From KB	G.L. 1545

11

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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

Marker Joint (4616'-4653')

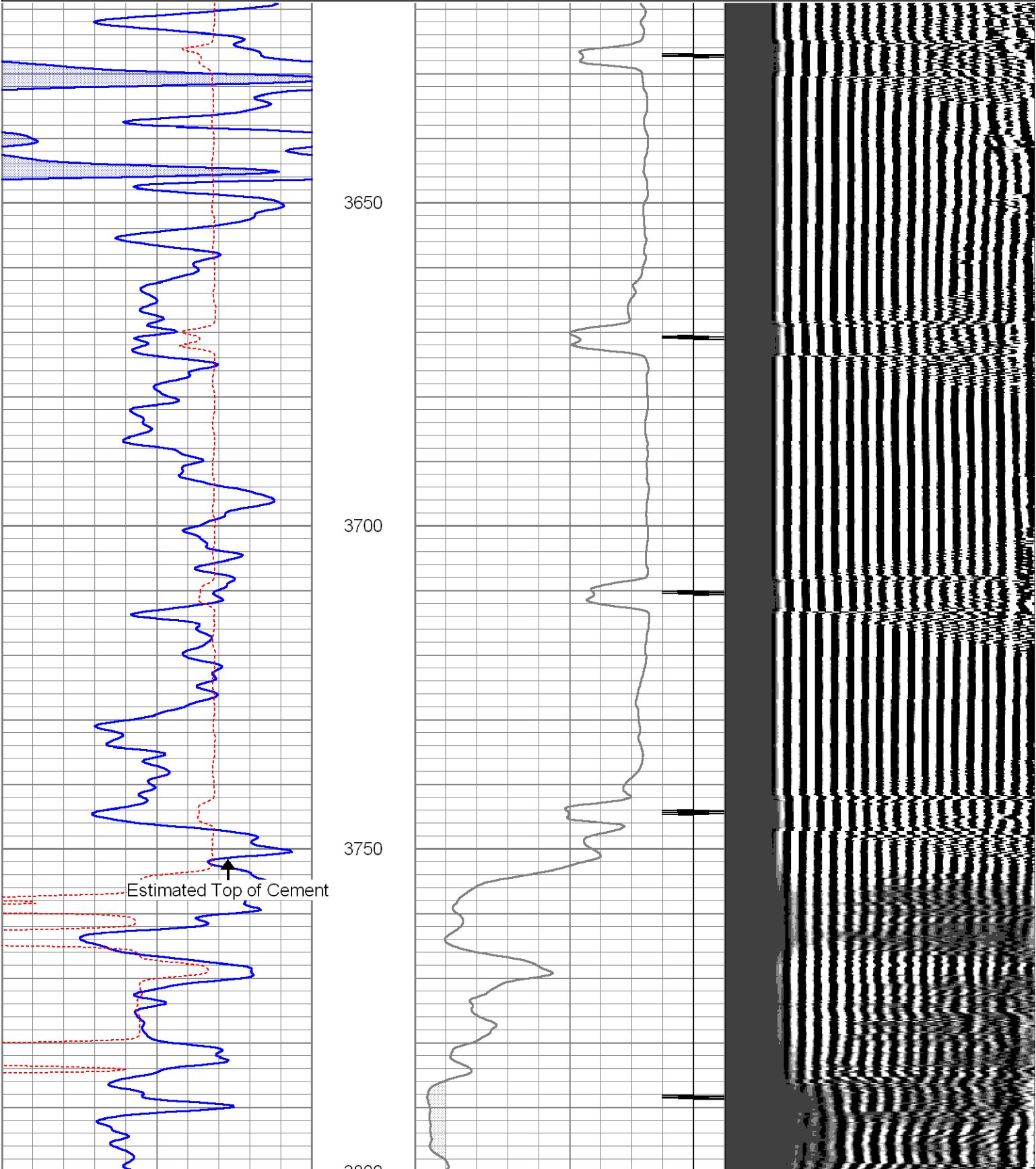
Thank You For Using The Perforators LLC
Hays, KS (785-621-4604)

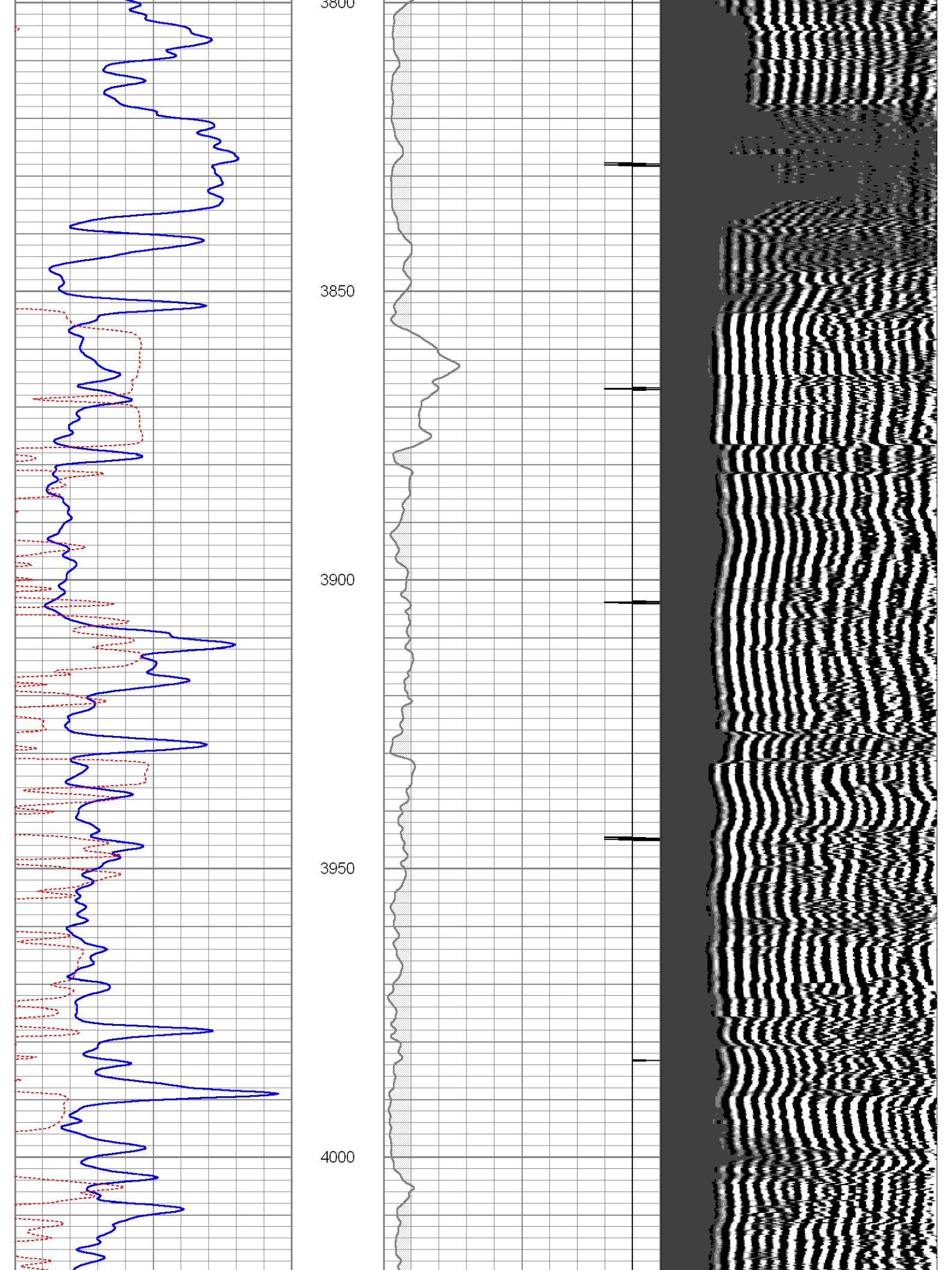


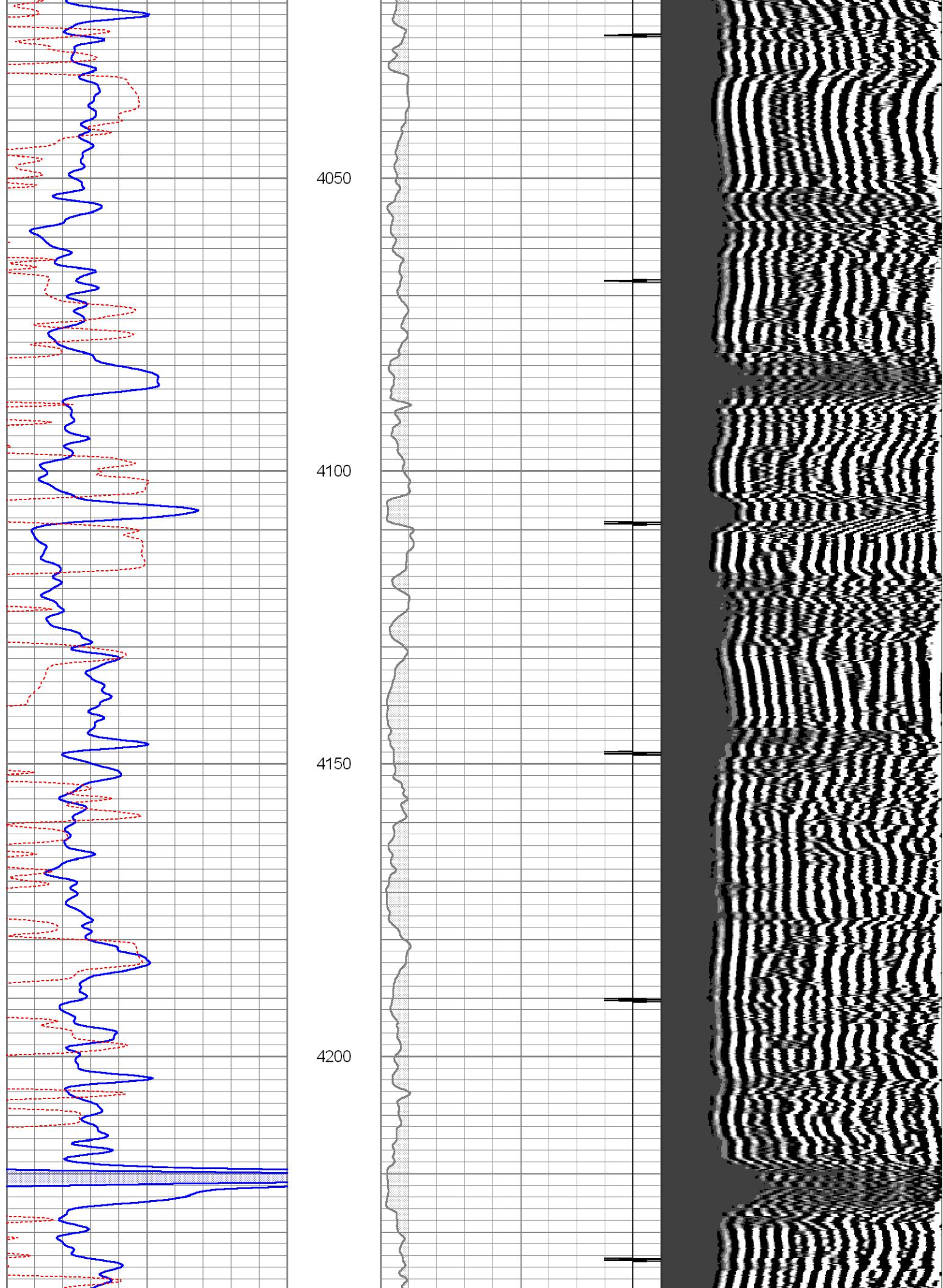
Main Pass

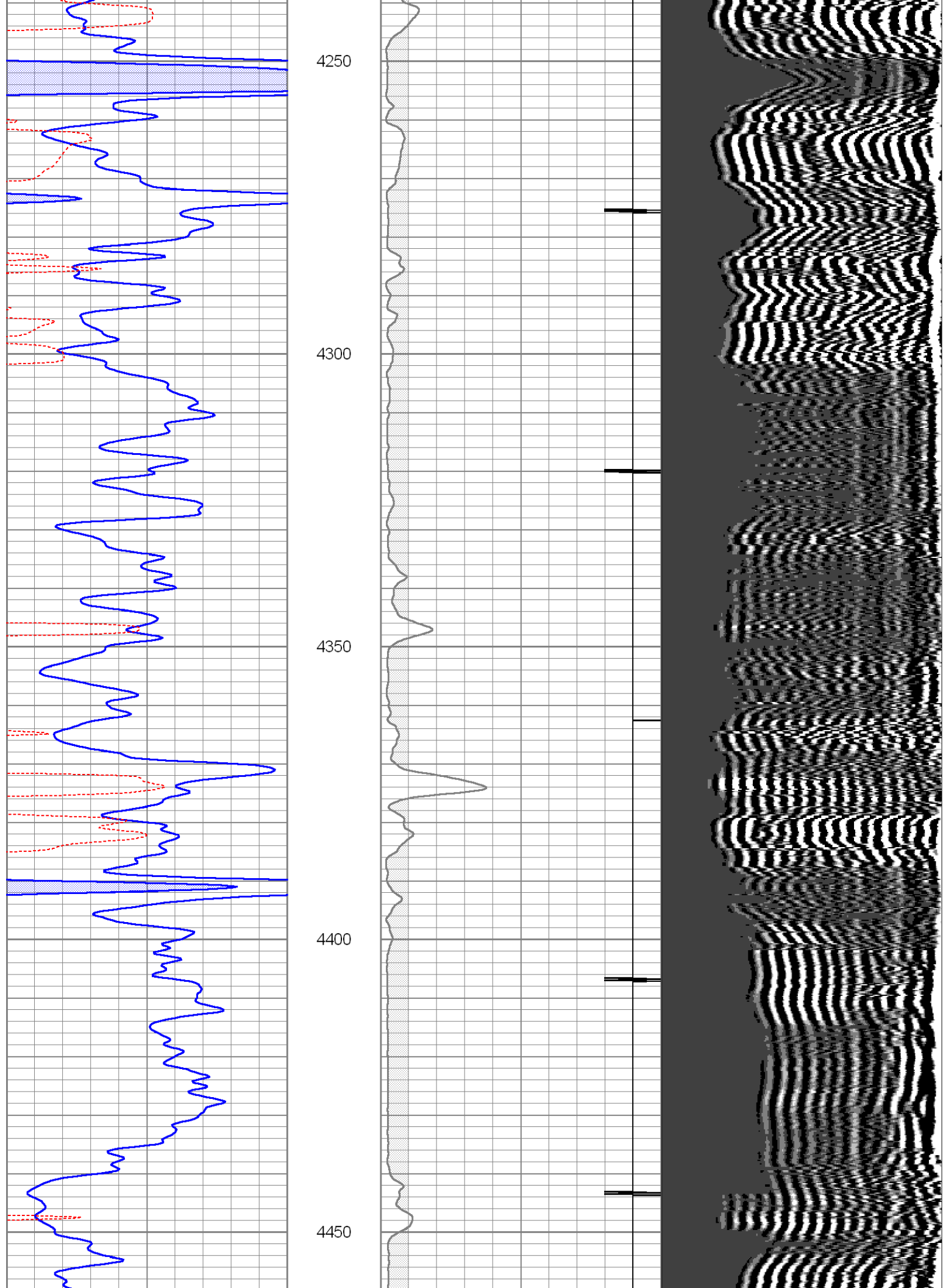
Database File: #3randelsbcbl.db
Dataset Pathname: pass3
Presentation Format: cbl
Dataset Creation: Mon Feb 27 10:16:57 2012 by Log Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

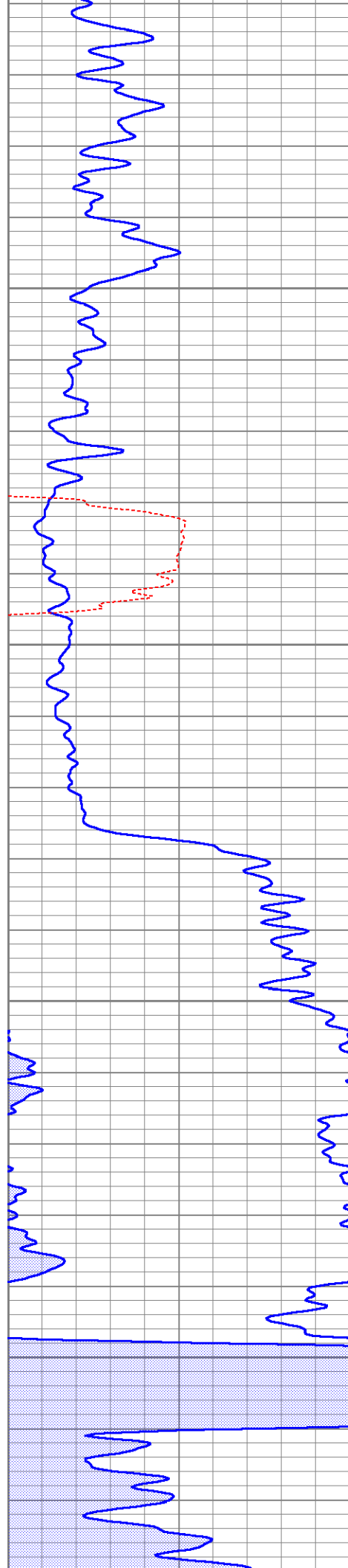
0	GR (GAPI)	150	18	CCL	-2	200	VDL	1200
150	GR (GAPI)	300	0	AMP3 (mV)	100			
420	TT3FT (usec)	220						











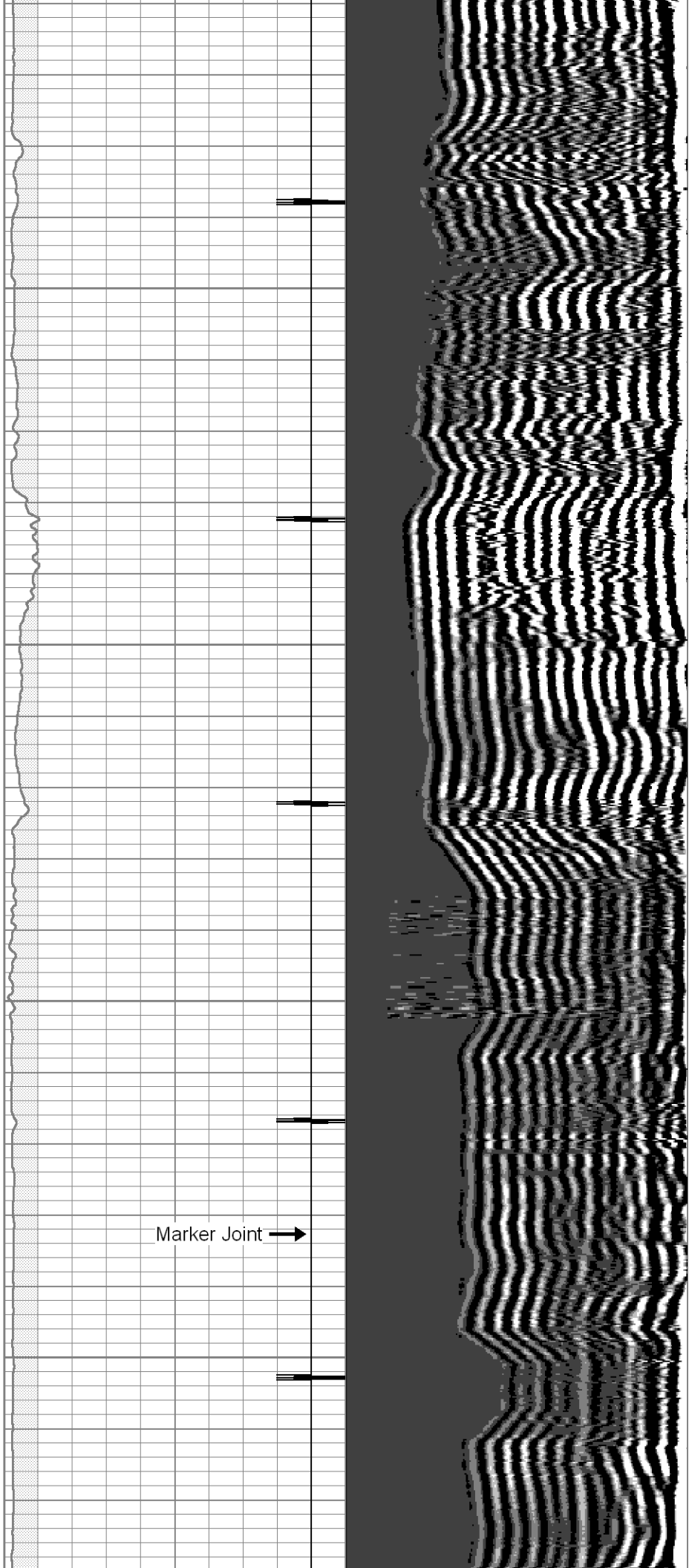
4500

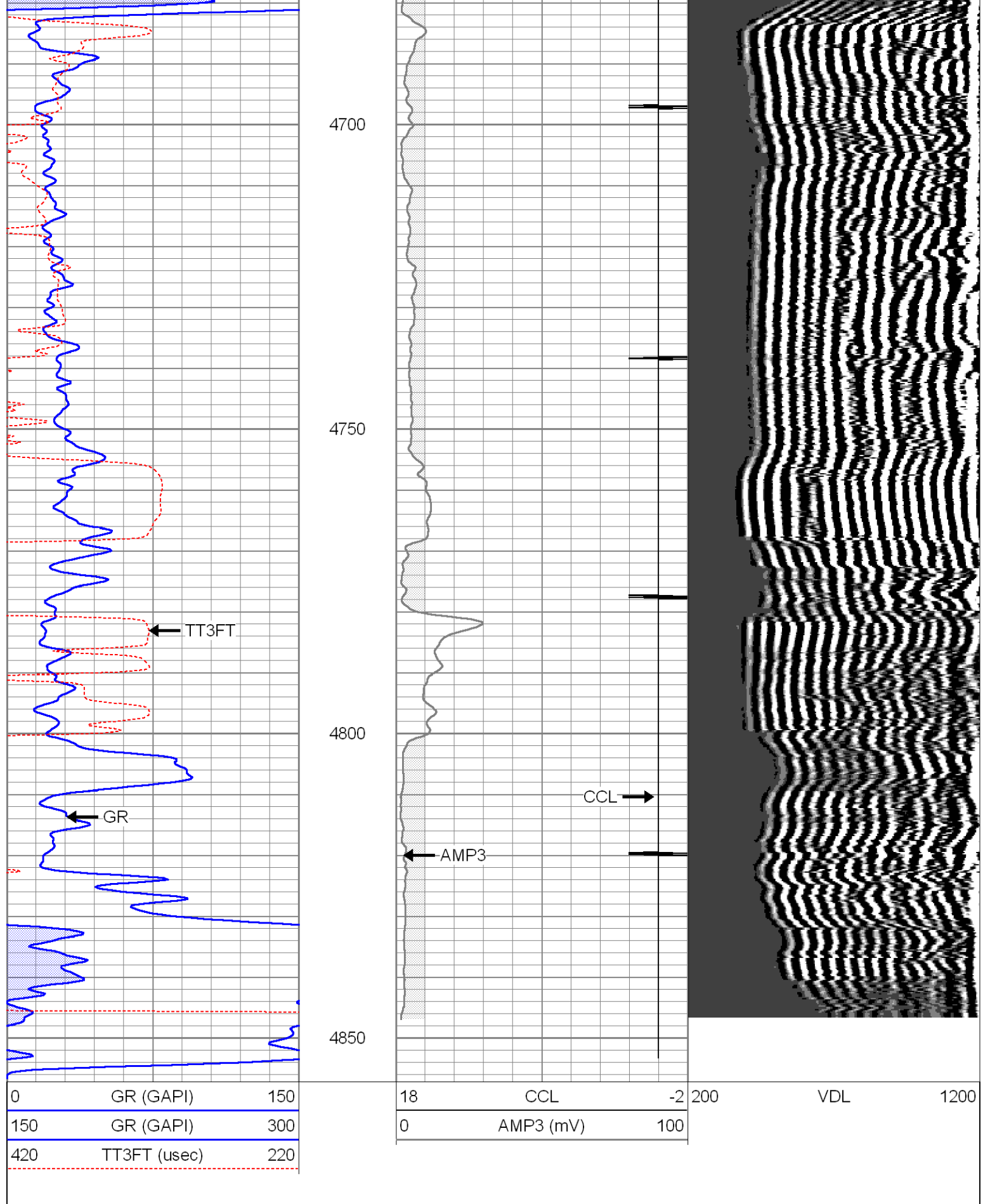
4550

4600

4650

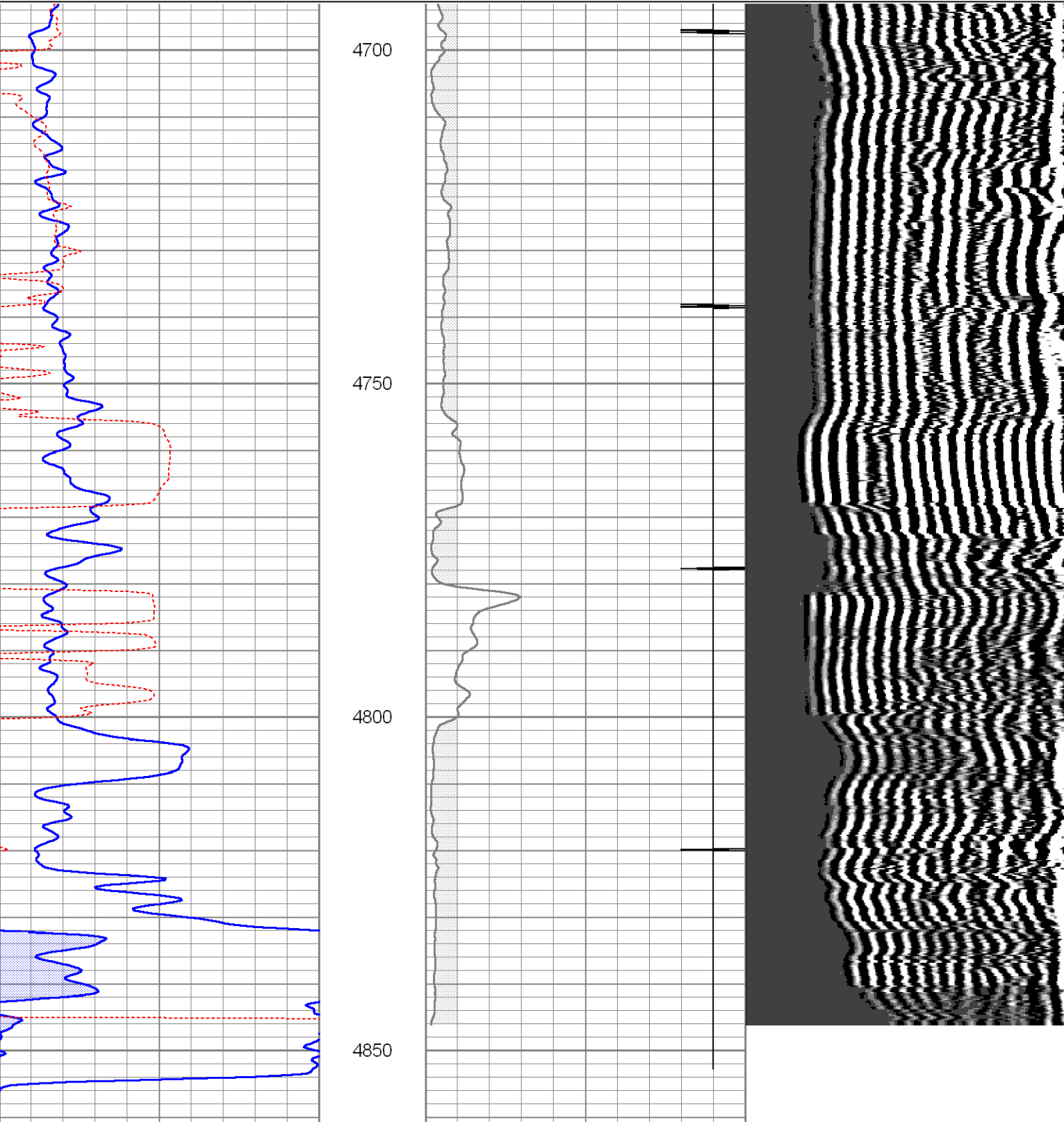
Marker Joint →





Database File: #3randelsbcbl.db
Dataset Pathname: pass2
Presentation Format: cbl
Dataset Creation: Mon Feb 27 10:09:44 2012 by Log Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	18	CCL	-2	200	VDL	1200
150	GR (GAPI)	300	0	AMP3 (mV)	100			
420	TT3FT (usec)	220						



0	GR (GAPI)	150	18	CCL	-2	200	VDL	1200
150	GR (GAPI)	300	0	AMP3 (mV)	100			

420	TT3FT (usec)	220
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Calibration Report

Database File: #3randelsbcbl.db
Dataset Pathname: pass3
Dataset Creation: Mon Feb 27 10:16:57 2012 by Log Std Casedhole 10121

Gamma Ray Calibration Report

Serial Number: 080224
Tool Model: Probe1
Performed: Fri Dec 24 07:37:22 2010

Calibrator Value: 200.0 GAPI

Background Reading: 15.0 cps
Calibrator Reading: 222.7 cps

Sensitivity: 0.9629 GAPI/cps

Cement Bond Log Calibration Report

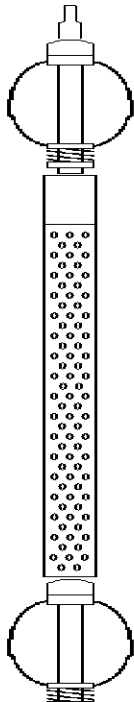
Serial Number: 080201
Tool Model: DigitalCBL
Performed: Mon Nov 14 09:56:12 2011

Depth: 2603.51 ft
Casing Diameter: 5.5 in

3' Spacing 5' Spacing

Signal Zero: 2 0 mV
Calibrated Amplitude: 71.921 71.921 mV
Reading at Signal Zero: 0.0029541 0.00244141 V
Reading in Free Pipe: 1.2244 1.21655 V

Gain: 57.2445 59.2376
Offset: 1.83089 -0.144623

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			sdschd	0.75	1.44	3.00
			275 2 3/4" Centralizer	2.94	2.75	10.00
WVF3	11.69		Probedig-DigitalCBL (080201) 2 3/4 Bond Tool	8.77	2.75	92.00
WVF5	10.69					
			275 2 3/4" Centralizer	2.94	2.75	10.00

CCL	3.67		CCL-Probe (080224)	1.42	2.75	20.00
GR	2.30		GR-Probe1 (080224)	3.08	2.75	40.00
Dataset: #3randelsbcbl.db: field/well/run1/pass3 Total Length: 19.89 ft Total Weight: 175.00 lb O.D. 2.75 in						