



Cement Bond Log

Company Castle Resources Inc.

Well Juenemann #1

Field Wildcat

County Norton

State KS

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County Norton

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Location:

API #: 15 137 20678

Other Services

380' FSL & 1070' FEL

SEC 29 TWP 3S RGE 24W

Permanent Datum Ground Level Elevation 2449'
Log Measured From K.B 5' AGL
Drilling Measured From K.B

Elevation
K.B. 2454'
D.F. 2453'
G.L. 2449'

Date 12-14-13

Run Number One

Depth Driller 3725'

Depth Logger 3698'

Bottom Logged Interval 3697'

Top Log Interval 2890'

Open Hole Size 7 7/8"

Type Fluid

Density / Viscosity

Max. Recorded Temp. 3010'

Estimated Cement Top 8:30 A.M

Time Well Ready 9:00 A.M

Time Logger on Bottom T-440

Equipment Number

Location Hays

Recorded By Casey Patterson

Witnessed By Mr. Jerry Green

Run Number

Bit From To

Size

Weight

From To

Size

Wgt/Ft

Top Bottom

8 5/8" 24# 0' 218'

5.5" 15.5 0'

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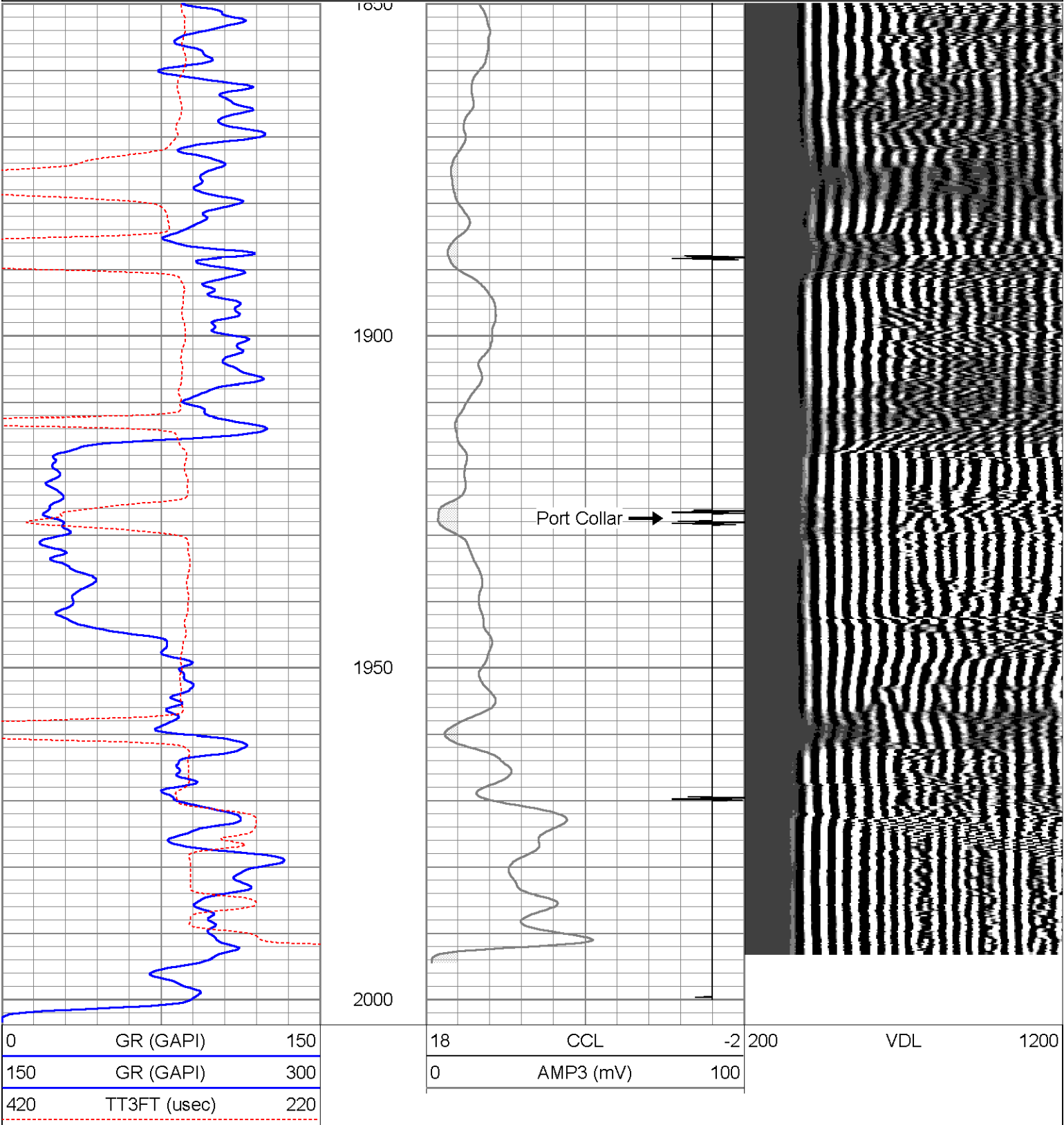
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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



Main Section

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

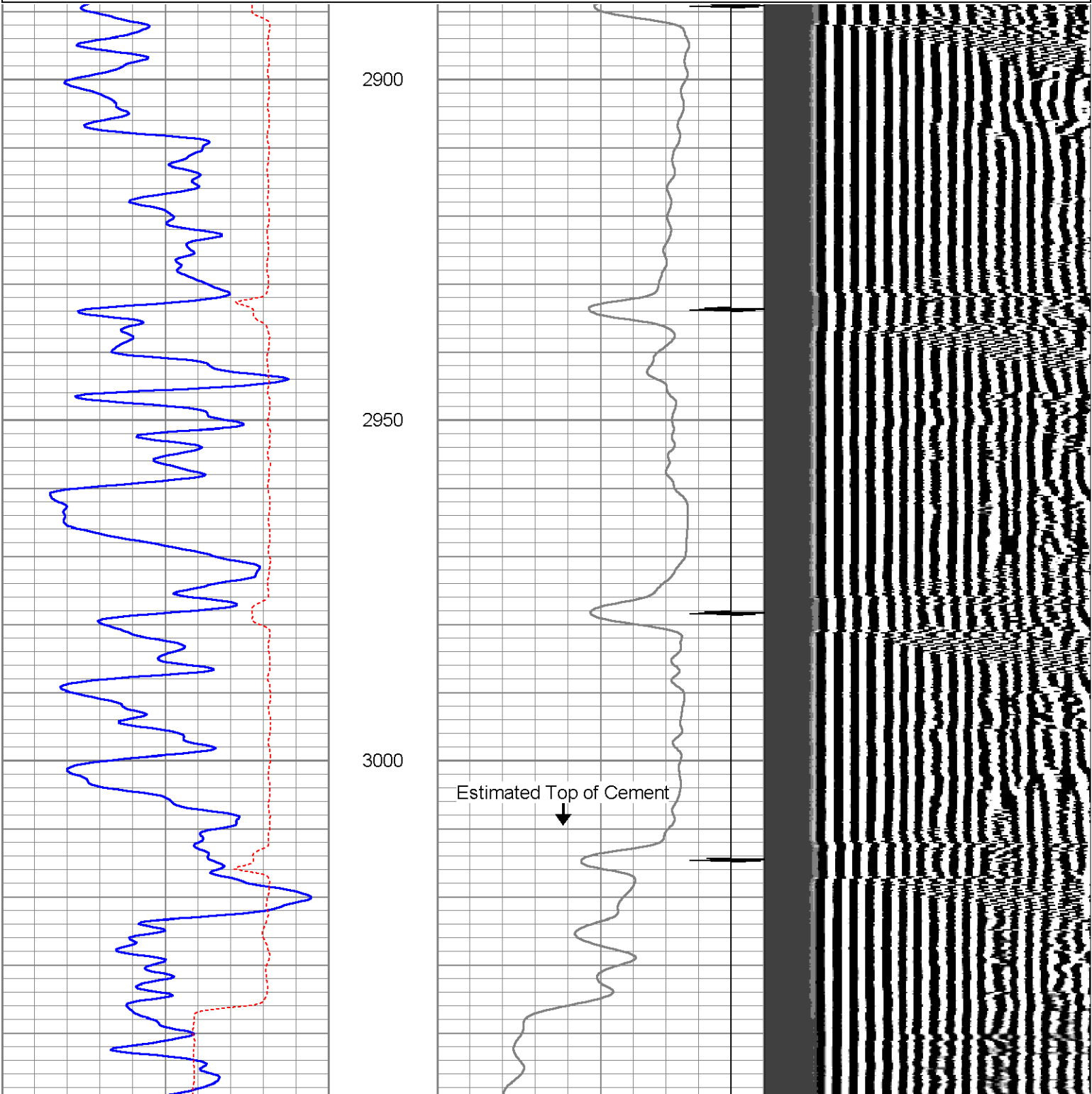


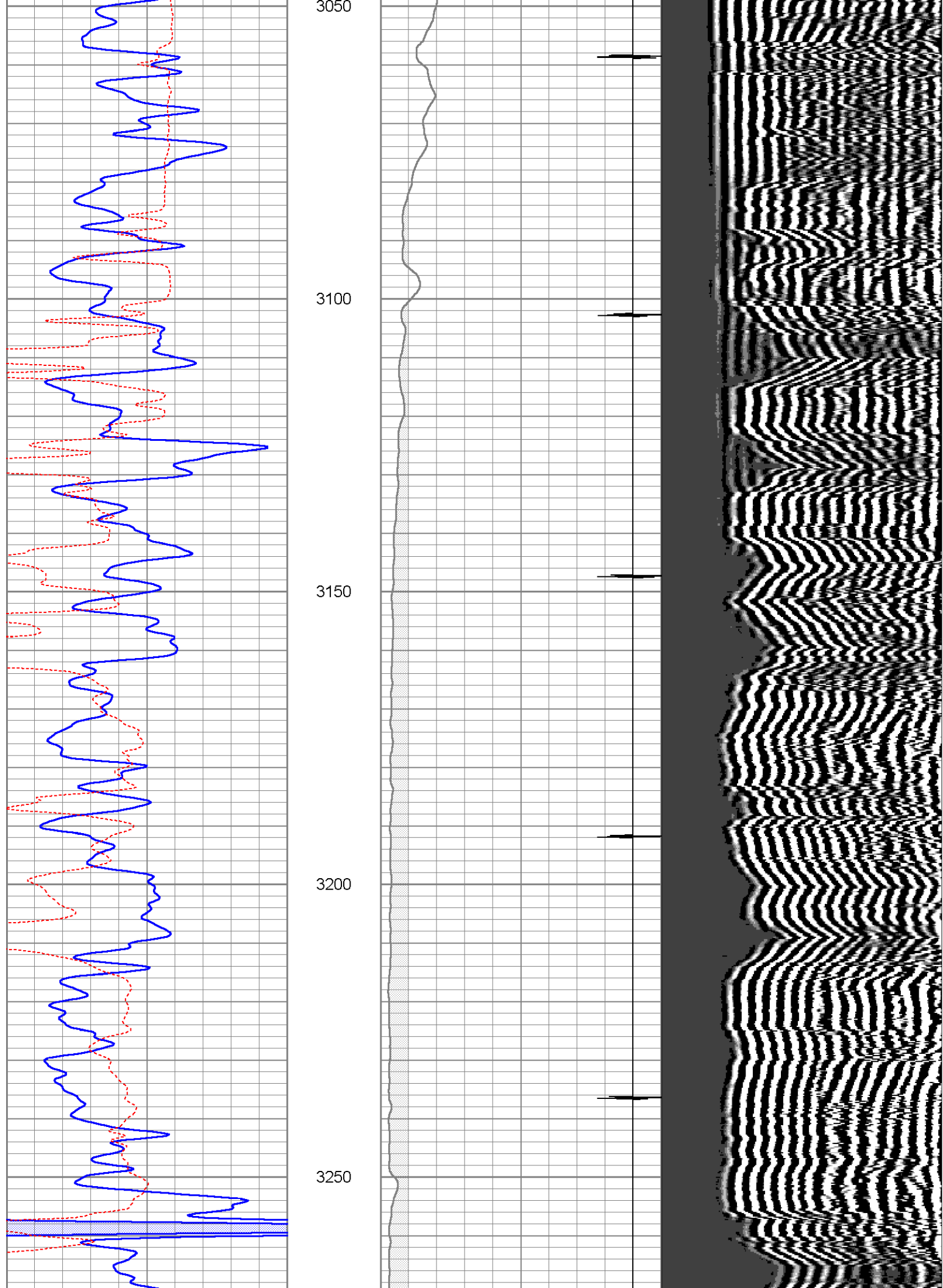


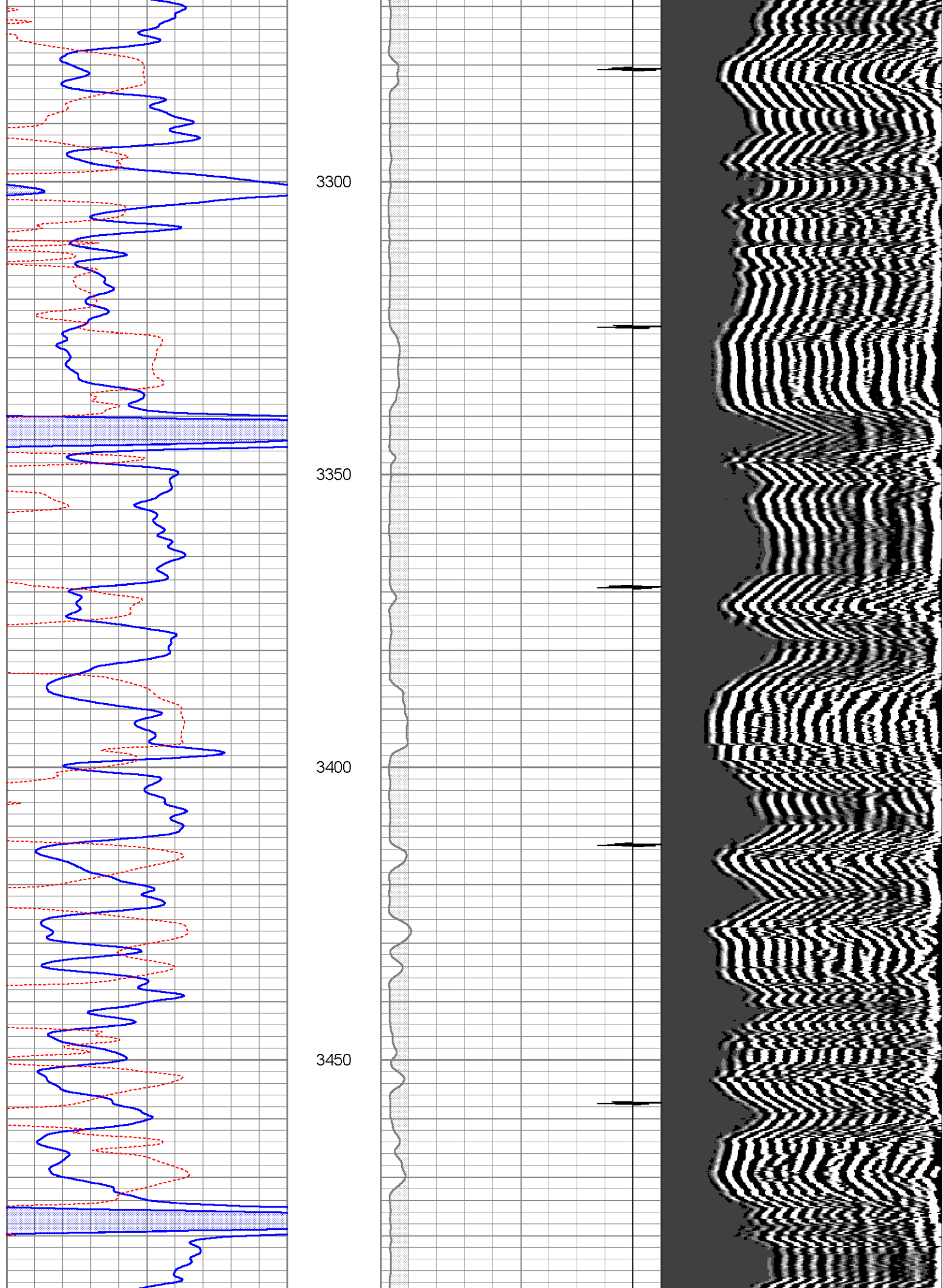
Main Section

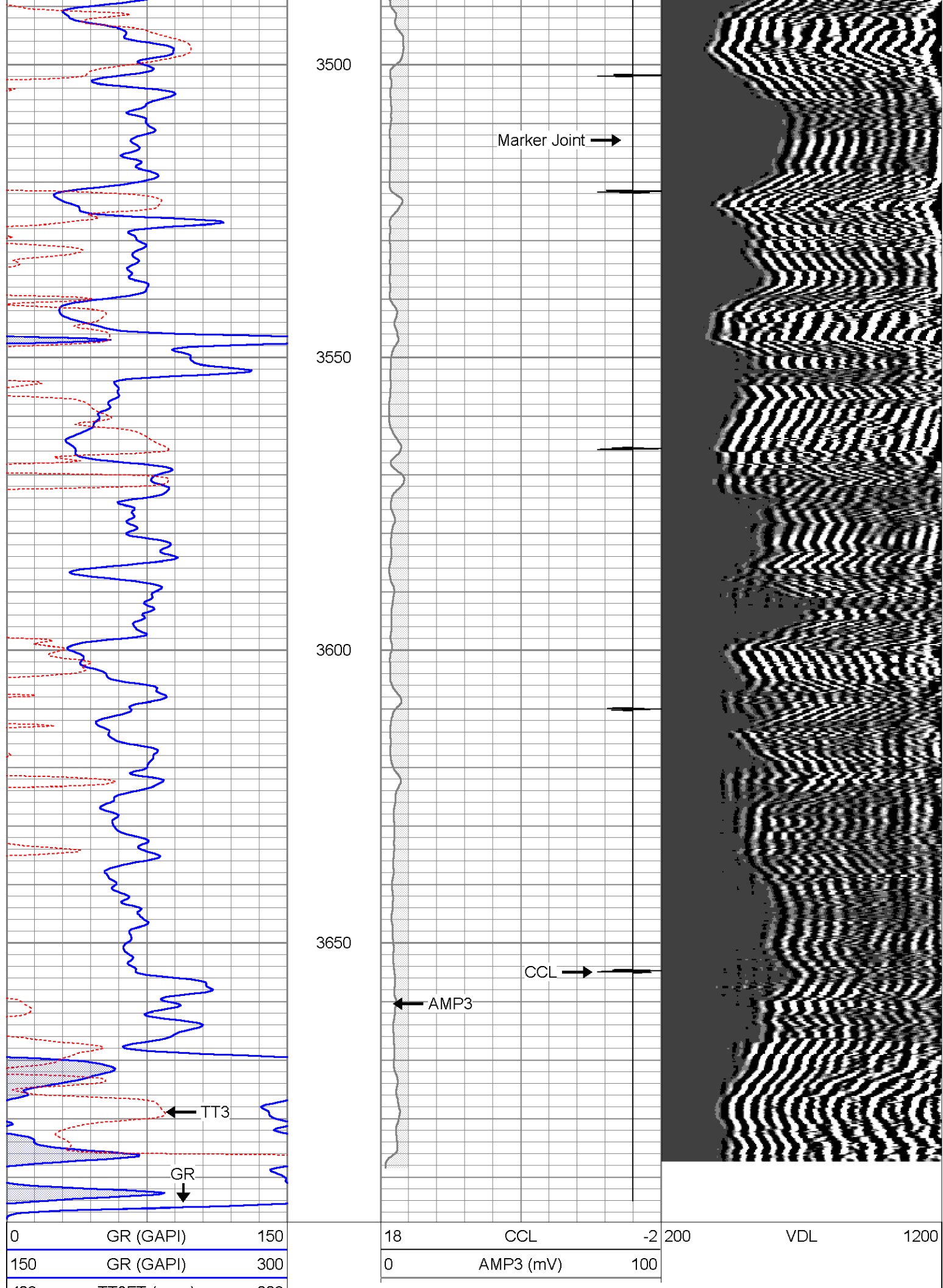
Database File: crjuenemann1cbl.db
Dataset Pathname: pass5
Presentation Format: cbl
Dataset Creation: Sat Dec 14 09:44:00 2013 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

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









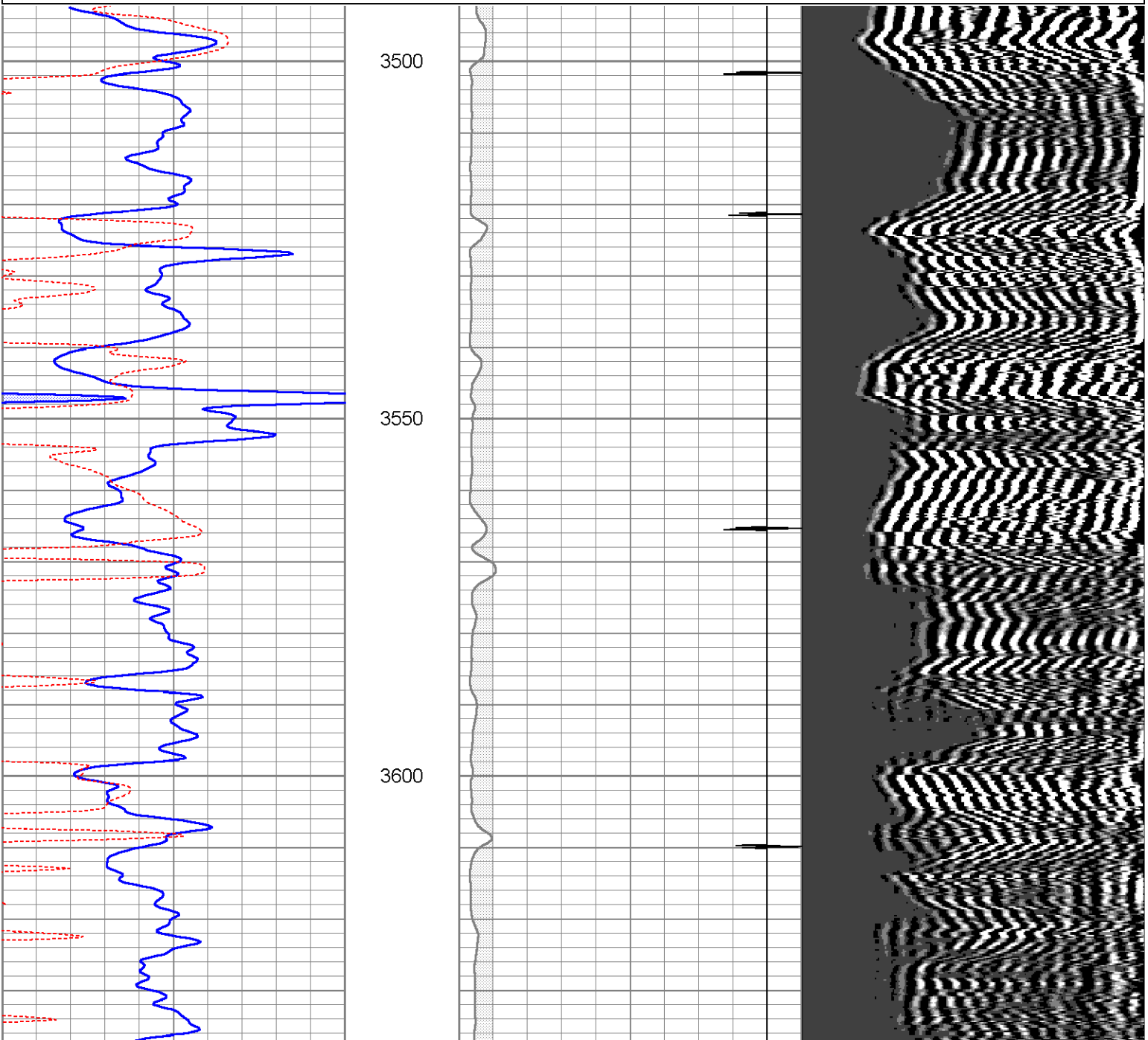
420 TT3FT (usec) 220

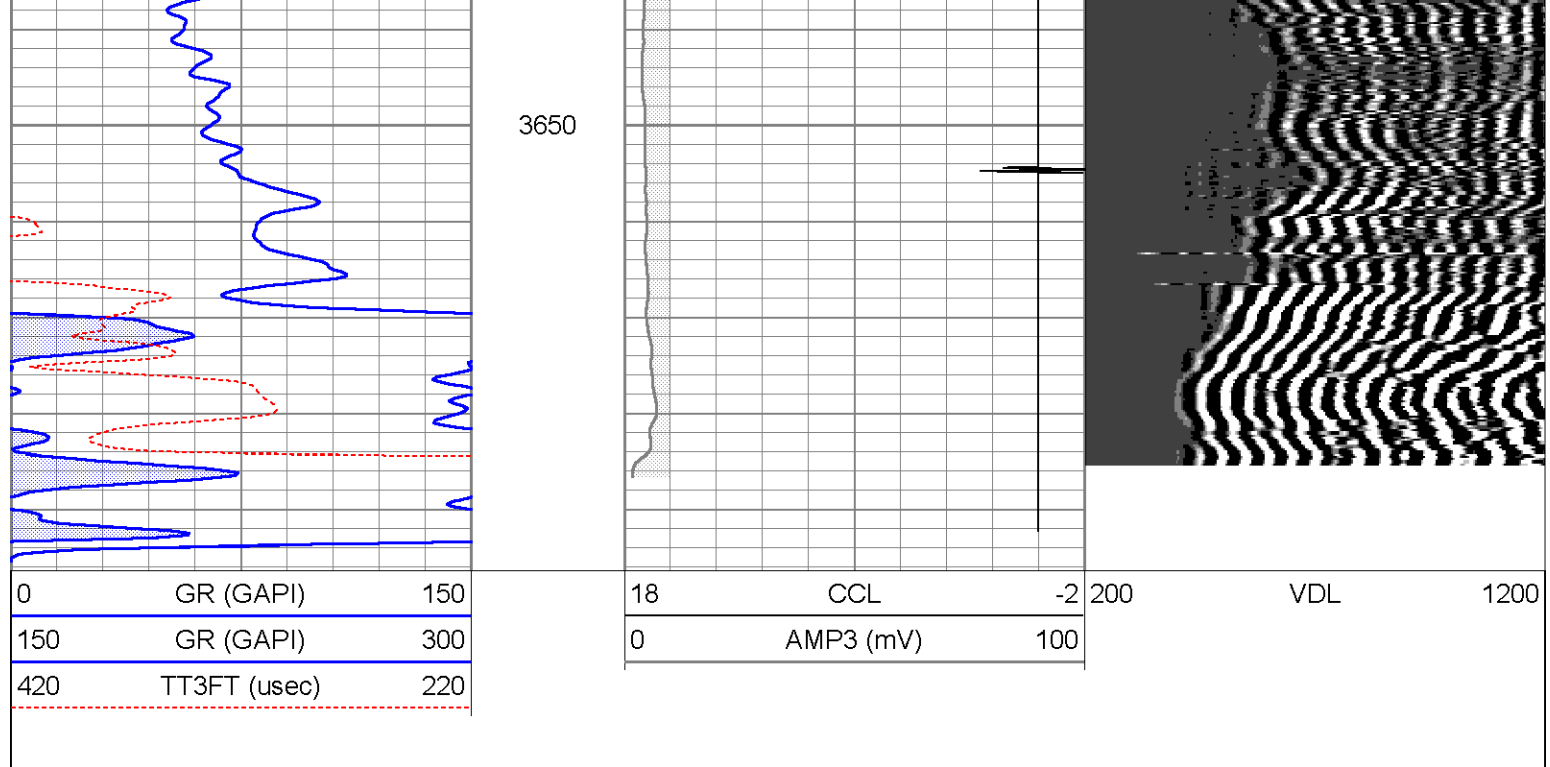


Repeat Section

Database File: crjuenemann1cbl.db
Dataset Pathname: pass4
Presentation Format: cbl
Dataset Creation: Sat Dec 14 09:36:27 2013 by Log Open-Cased 071220
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						





Calibration Report

Database File: crjuenemann1cbl.db
 Dataset Pathname: pass6
 Dataset Creation: Sat Dec 14 10:11:48 2013 by Log Open-Cased 071220

Gamma Ray Calibration Report

Serial Number: 080224
 Tool Model: Probe1
 Performed: Thu Sep 27 07:34:48 2012

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: 080024
 Tool Model: DigitalCBL
 Performed: Sat Dec 14 09:16:23 2013

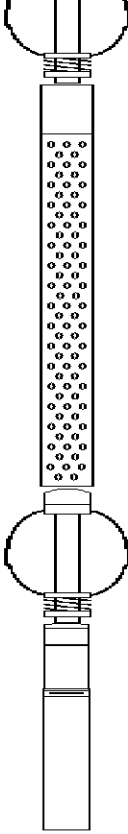
Depth: 2603.51 ft
 Casing Diameter: 5.5 in

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: 0.9 1.21655 V

Gain: 77.9458 59.2376
 Offset: 1.76974 -0.144623

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

				2.94	2.75	10.00
WVF3	11.69					
WVF5	10.69		Probedig-DigitalCBL (080024) 2 3/4 Bond Tool	8.77	2.75	92.00
			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:	crjuenemann1cbl.db: field/well/run1/pass6
Total Length:	19.14 ft
Total Weight:	172.00 lb
O.D.	2.75 in