

Company Dillman Ash #5
 Well Toni-Mike
 Field Barber
 County Barber
 State Kansas

Company Charles N. Griffin
 Well Dillman Ash #5
 Field Toni-Mike
 County Barber
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Location: 4135' FSL & 4550' FEL
 SEC 34 TWP 32S RGE 12W
 Permanent Datum Ground Level Elevation 1550'
 Log Measured From KB 8' AGL
 Drilling Measured From KB
 API #: 15-007-23884
 Other Services

Date	6-19-12	
Run Number	One	
Depth Driller	4890'	
Depth Logger	4840'	
Bottom Logged Interval	4840'	
Top Log Interval	3500'	
Open Hole Size	7 7/8"	
Type Fluid	Water	
Density / Viscosity	////	
Max. Recorded Temp.	////	
Estimated Cement Top	3616'	
Time Well Ready	10:00 AM	
Time Logger on Bottom	10:15 AM	
Equipment Number	T745	
Location	Hays, KS	
Recorded By	Justin LaBarge	
Witnessed By	Mr. JR Griffin	
Borehole Record		
Run Number	Bit	From To
Tubing Record		
	Size	Weight From To
Casing Record	Size	Wgt/Ft
Surface String		Top Bottom
Prot. String		
Production String		
Liner		

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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.

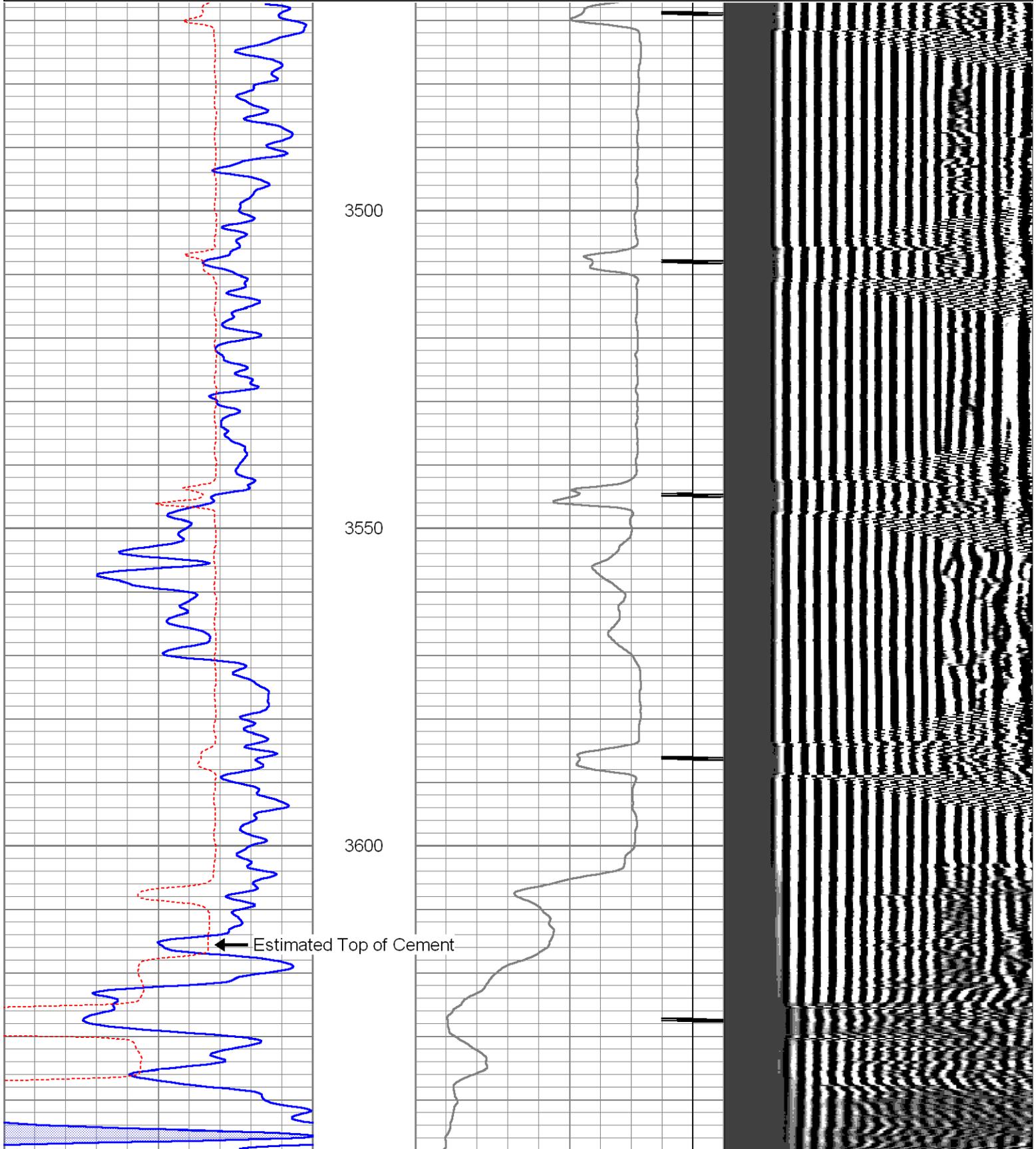
Comments

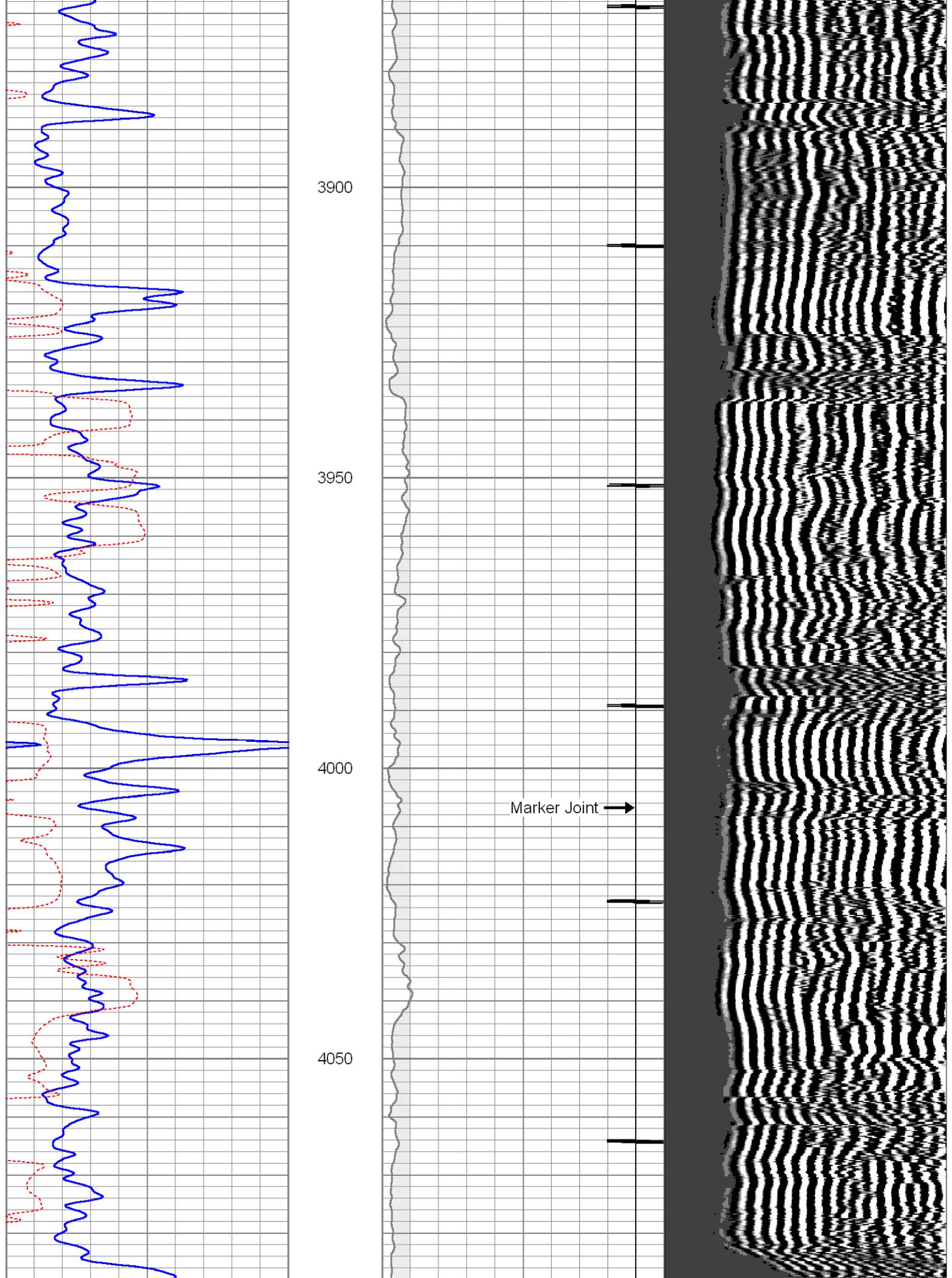
Marker Joint (3989'-4023')

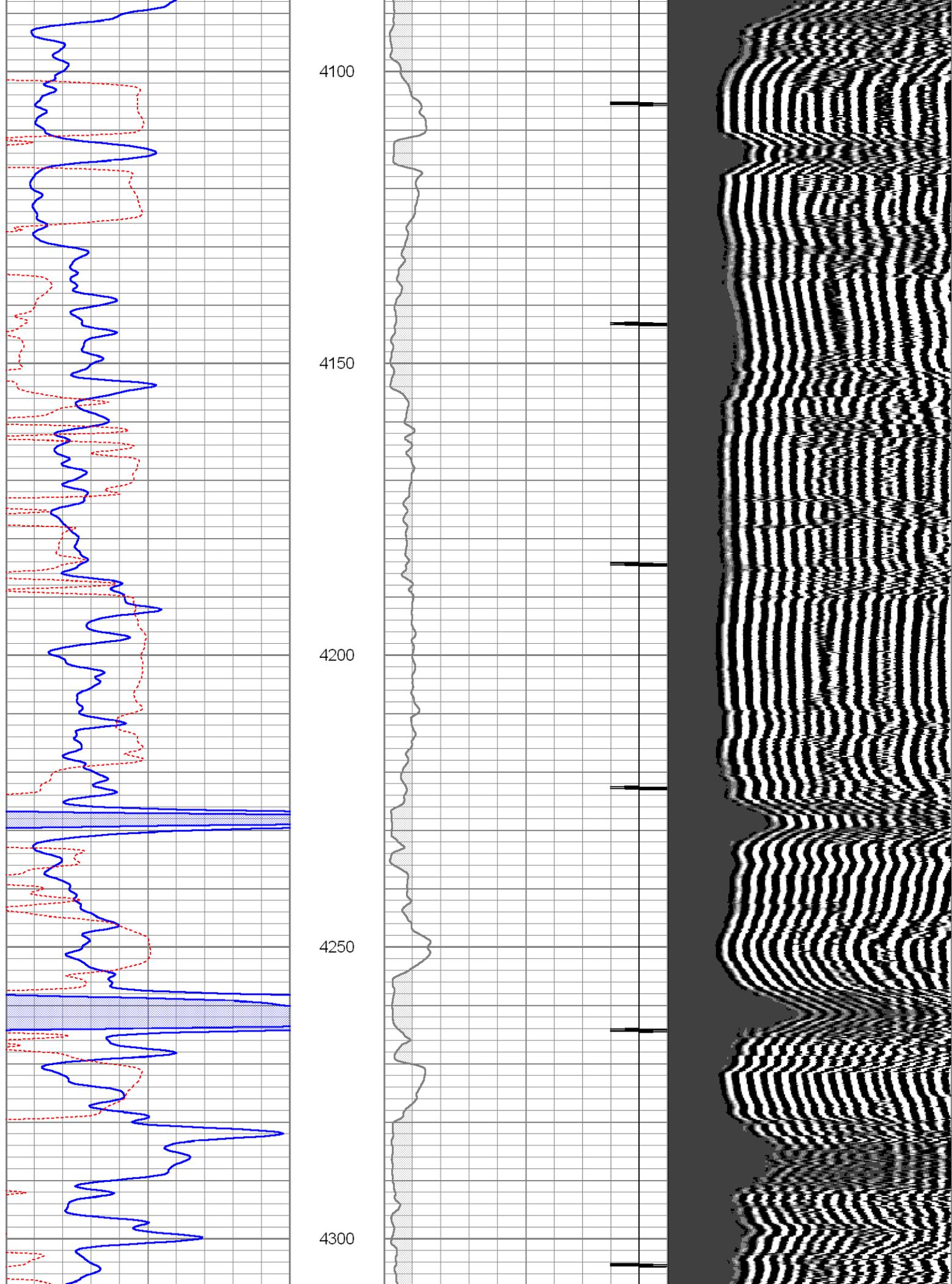
Thank You For Using The Perforators LLC
 Hays, KS (785-621-4604)

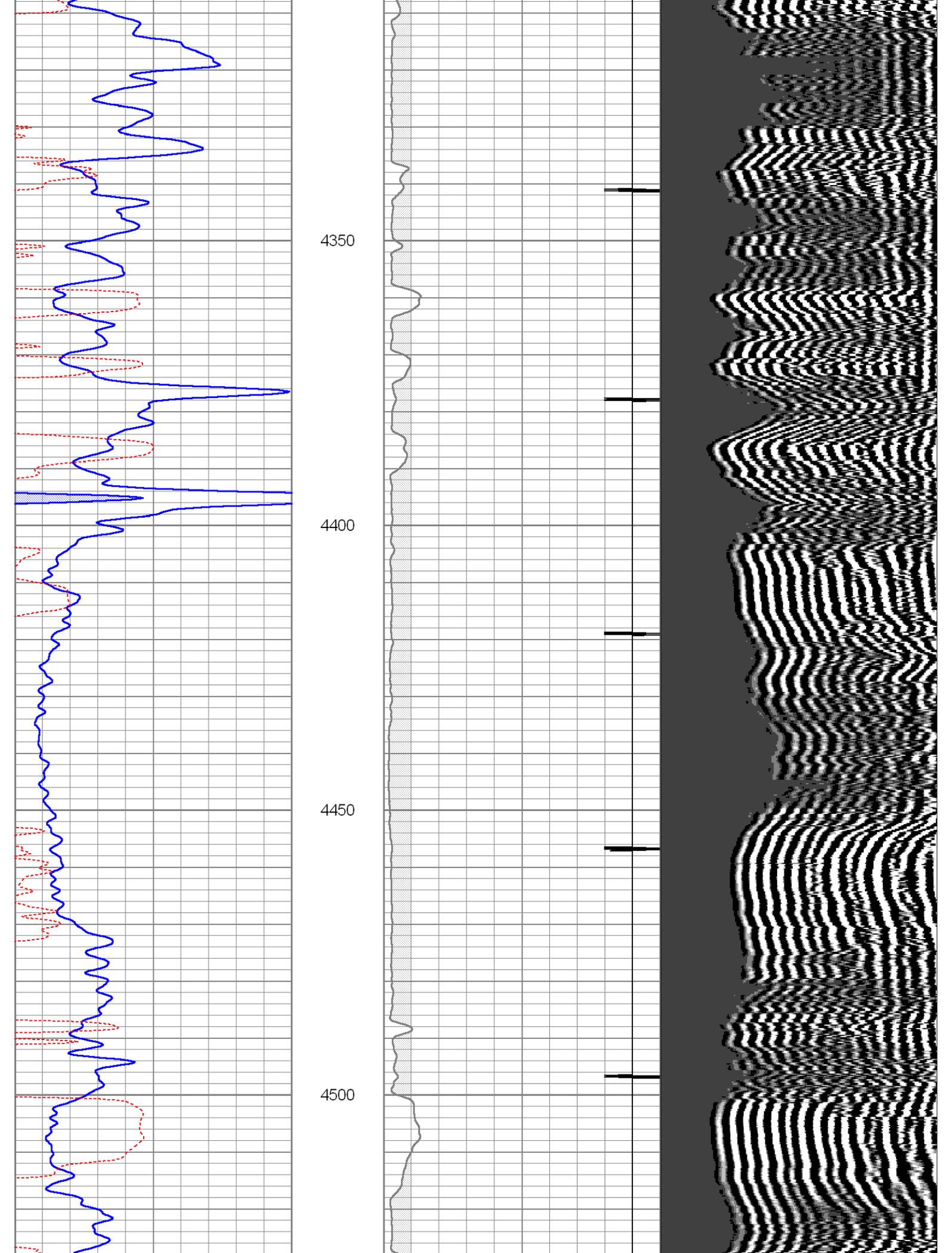
Database File: dillmanash#5cbl.db
 Dataset Pathname: pass3
 Presentation Format: cbl
 Dataset Creation: Tue Jun 19 10:32:33 2012 by Log Std Casedhole 10121
 Charted by: Depth in Feet scaled 1:240

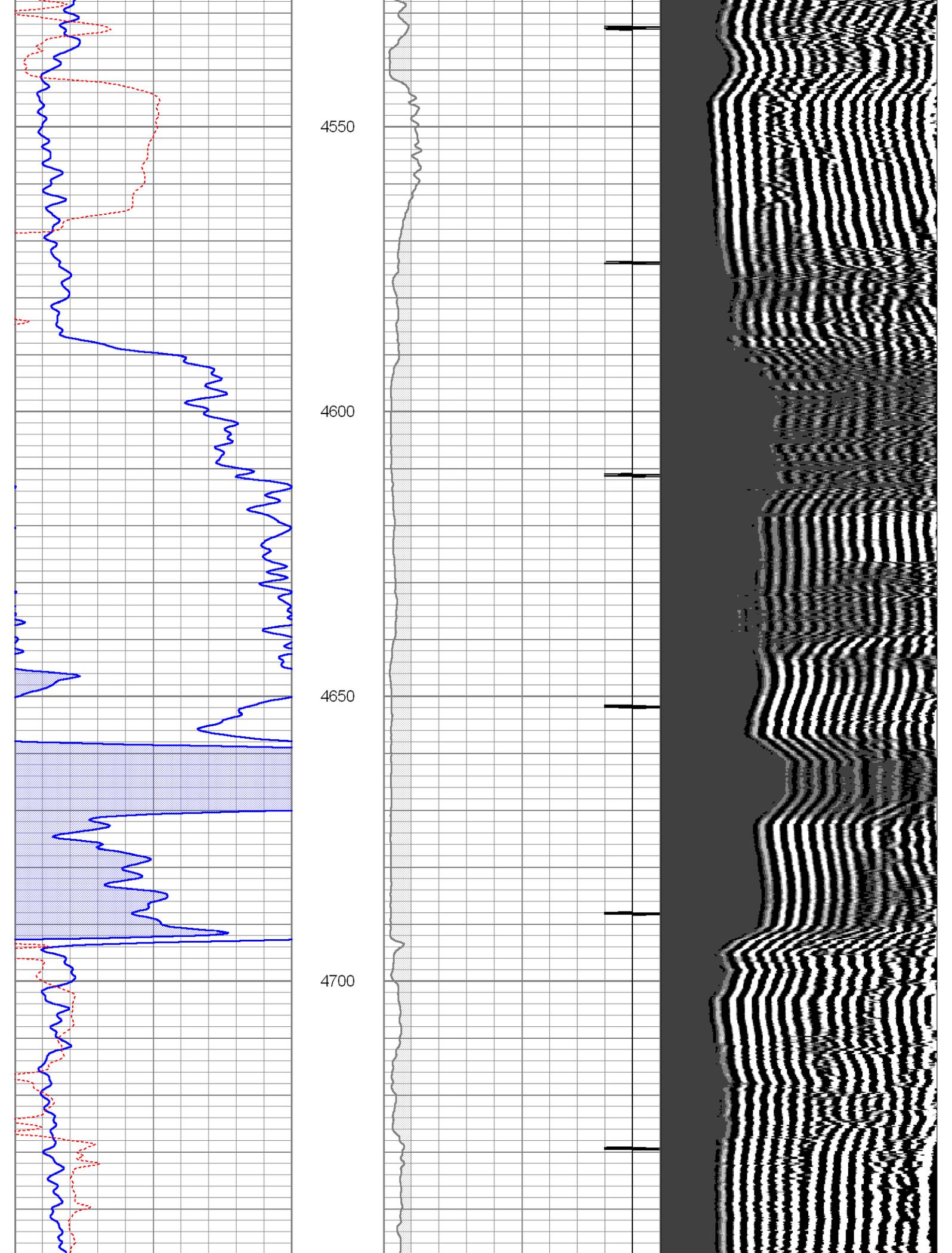
0	GR (GAPI)	150	18	CCL	-2	200	VDL	1200
150	GR (GAPI)	300	0	AMP3 (mV)	100			
420	TT3FT (usec)	220						

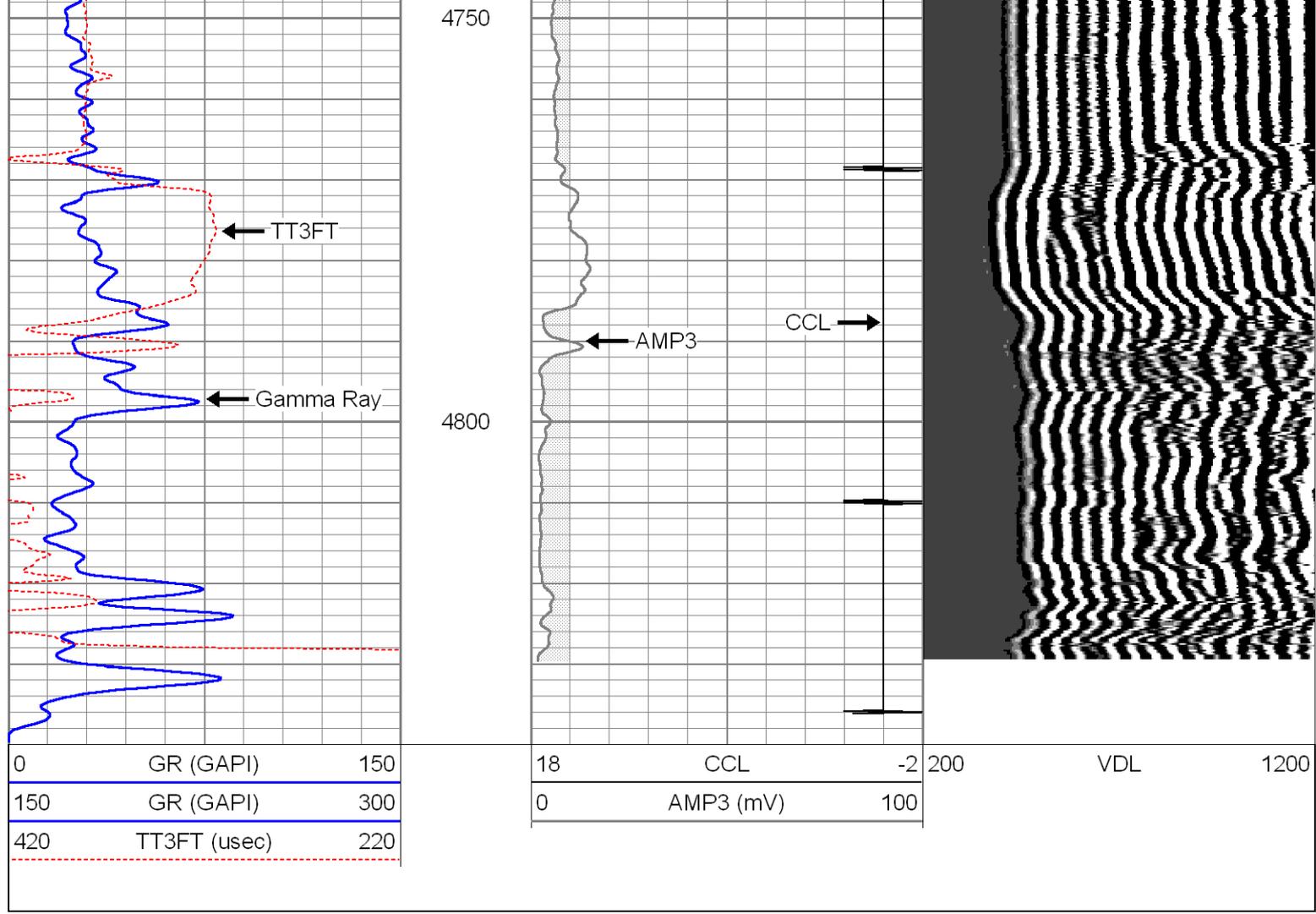








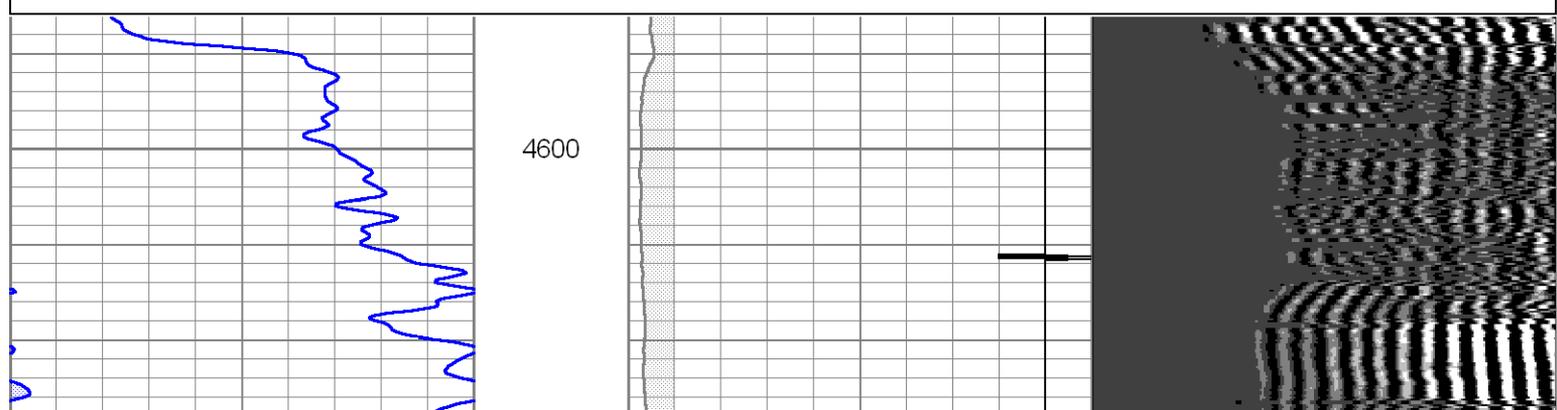


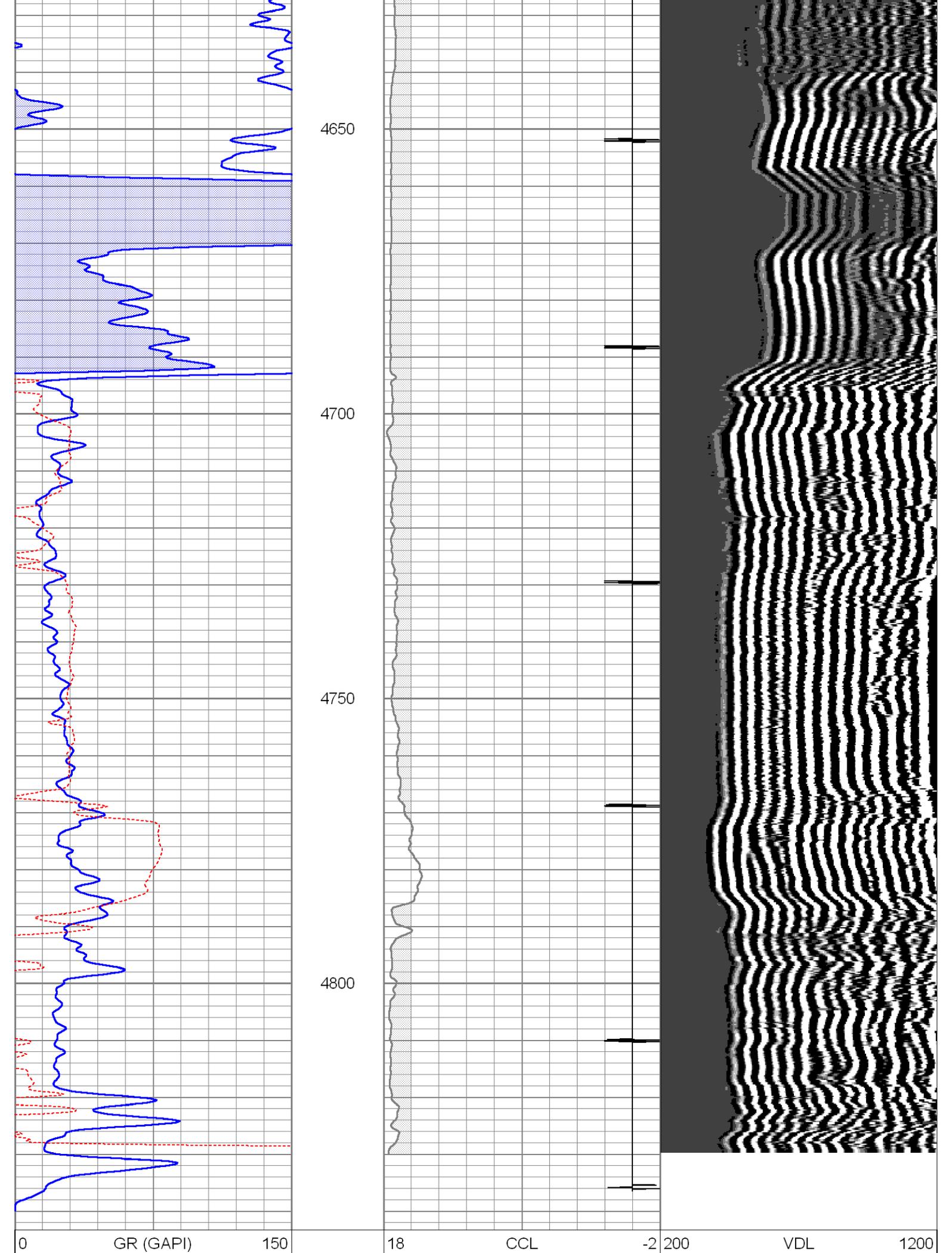


Repeat Section

Database File: dillmanash#5cbl.db
 Dataset Pathname: pass2
 Presentation Format: cbl
 Dataset Creation: Tue Jun 19 10:23:56 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						





150	GR (GAPI)	300
420	TT3FT (usec)	220

0	AMP3 (mV)	100
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Calibration Report

Database File: dillmanash#5cbl.db
 Dataset Pathname: pass3
 Dataset Creation: Tue Jun 19 10:32:33 2012 by Log Std Casedhole 10121

Gamma Ray Calibration Report

Serial Number: 080224
 Tool Model: Probe1
 Performed: Mon Apr 23 08:09:48 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: 061007
 Tool Model: DigitalCBL
 Performed: Fri Jun 08 14:00:18 2012

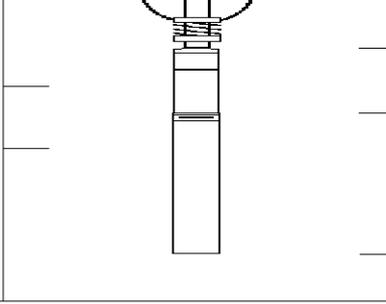
Depth: 39.6292 ft
 Casing Diameter: 5.5 in

3' Spacing 5' Spacing

Signal Zero: 2 0 mV
 Calibrated Amplitude: 71.921 71.921 mV
 Reading at Signal Zero: 0.00266113 0.00258789 V
 Reading in Free Pipe: 1.24 1.1895 V

Gain: 56.5092 60.595
 Offset: 1.84962 -0.156813

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)	
			275 2 3/4" Centralizer	2.94	2.75	10.00	
			sdschd	0.75	1.44	3.00	
WVF3	11.69			Probedig-DigitalCBL (061007) 2 3/4 Bond Tool	8.77	2.75	92.00
WVF5	10.69						
				275	2.94	2.75	10.00

			2 3/4" Centralizer				
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: dillmanash#5cbl.db: field/well/run1/pass3
 Total Length: 19.89 ft
 Total Weight: 175.00 lb
 O.D. 2.75 in