



PIONEER

Pioneer Energy Services

**Sonic Cement
Bond Log**

API No.		Company L.D. Drilling	
		Well Briney Trust No. 1	
		Field Wildcat	
		County Rawlins	
		State Kansas	
Location		NE SW SE SW 431' FSL & 1776' FWL	
Sec: 30		Twp: 5 S Rge: 36 W	
Permanent Datum		Ground Level	
Log Measured From		Kelly Bushing	
Drilling Measured From		Kelly Bushing	
Run Number		One	
Date Survey		01/21/2013	
Date Cementing		NA	
Type Cementing Operation		Primary	
Depth Driller		5000	
Depth Logger		4803	
Logged Interval		4802 to 4300	
Casing Driller		4.5 @ TD	
Float Collar -- D.V. Tool		1601	
Squeeze Depth		////	
Amount & Type Cement		////	
Amount & Type Admix		////	
Type Fluid In Hole		Water	
Fluid Level		Full	
Salinity PPM CL		////	
Weight lb/gal -- Vis.		////	
Approx. Logged Cement Top		NA	
Calculated Cement Top		NA	
Max. Hole Temperature		124	
Tool No.		RBT 3-3	
Spacing Recorded		3'-5'	
Equipment -- Location		18 D. Hagan	
Recorded By		D. Hagan	
Witnessed By		L.D. Davis	

Elevation
K.B. 3407
D.F. 3407
G.L. 3402

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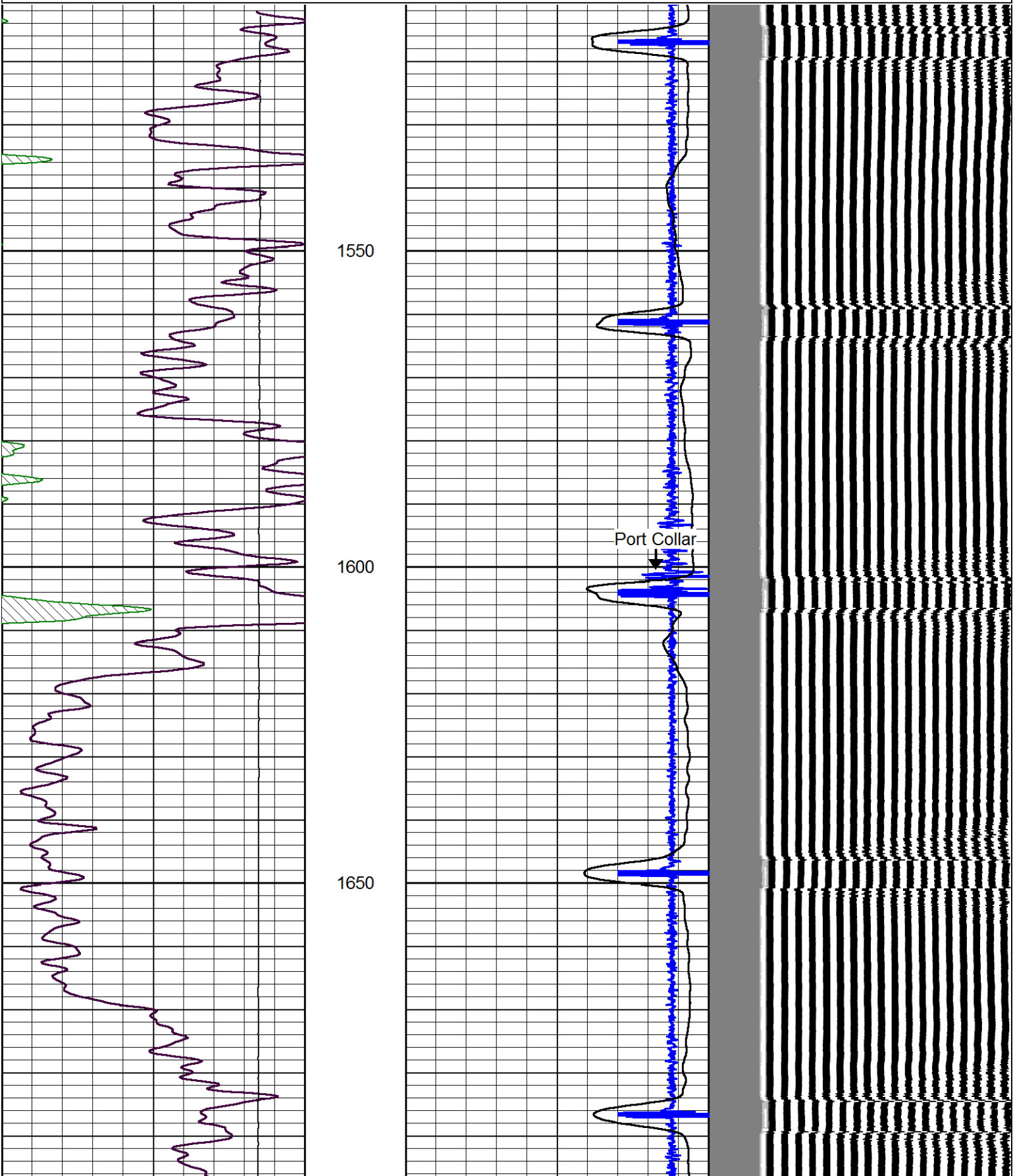
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
785.625.3858

Brewster, Ks. 16 North to CR EE, 1 1/4 West,
1 1/2 North, West into

0	Gamma Ray	150	amp3ft	5	Casing Collars	-0.7	200	wvf5ft	1200
			(mV)	0	Pipe Amplitude (mV)	100			
			-100 10	0	Amplified Amplitude (mV)	20			



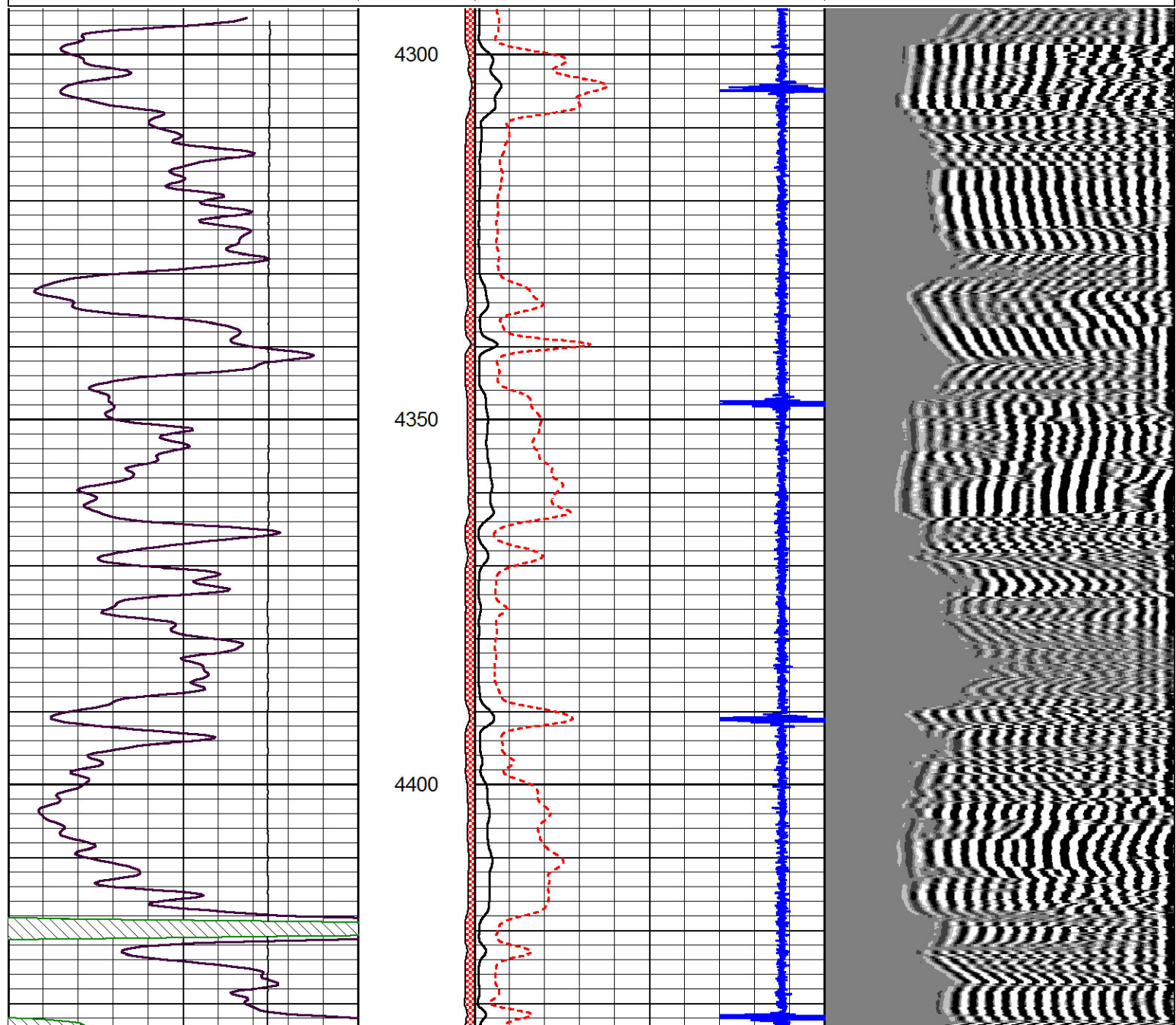
0	Gamma Ray	150	amp3ft (mV)	5	Casing Collars	-0.7	200	wvf5ft	1200
			-100 10	0	Pipe Amplitude (mV)	100			
				0	Amplified Amplitude (mV)	20			

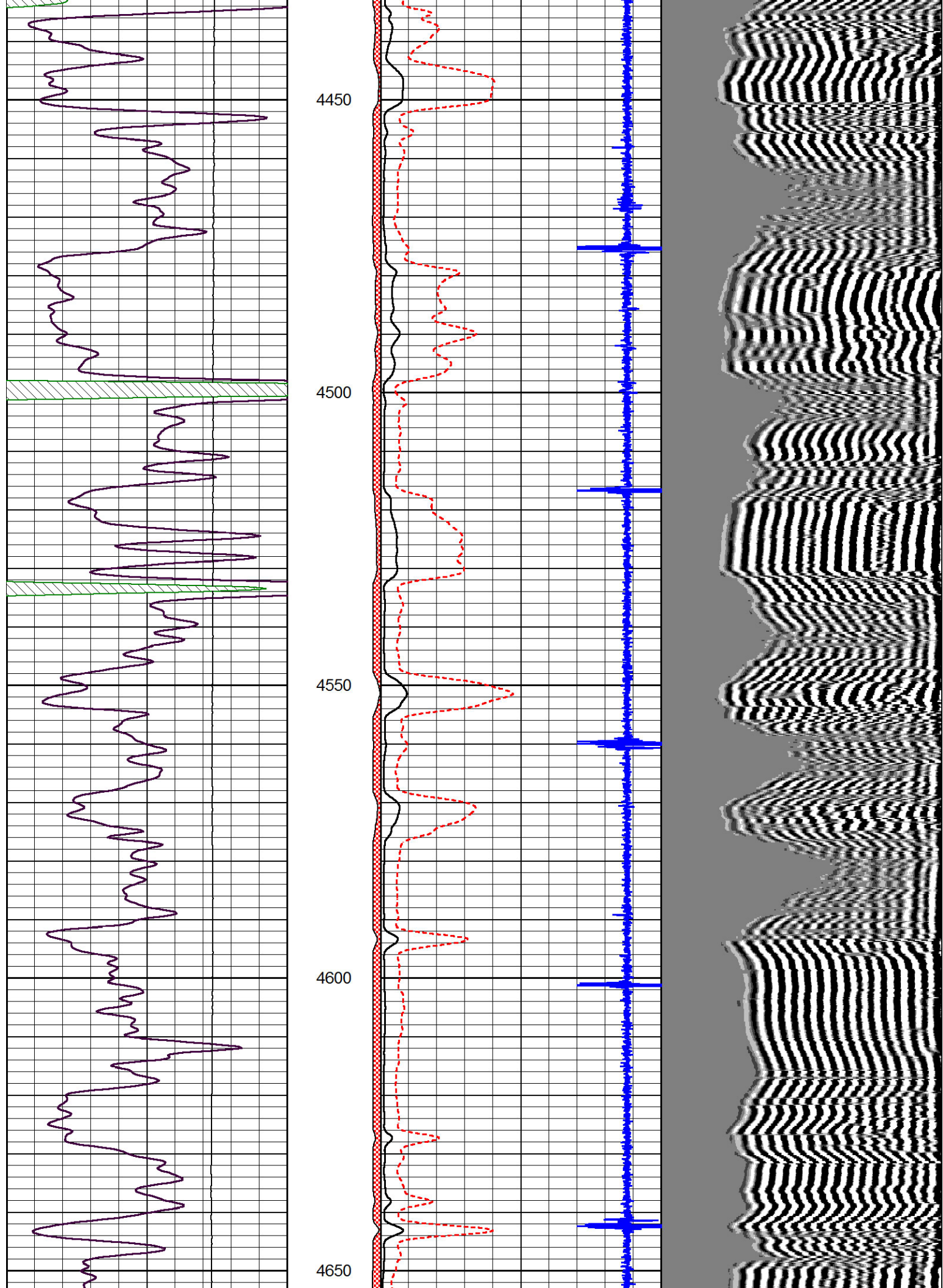


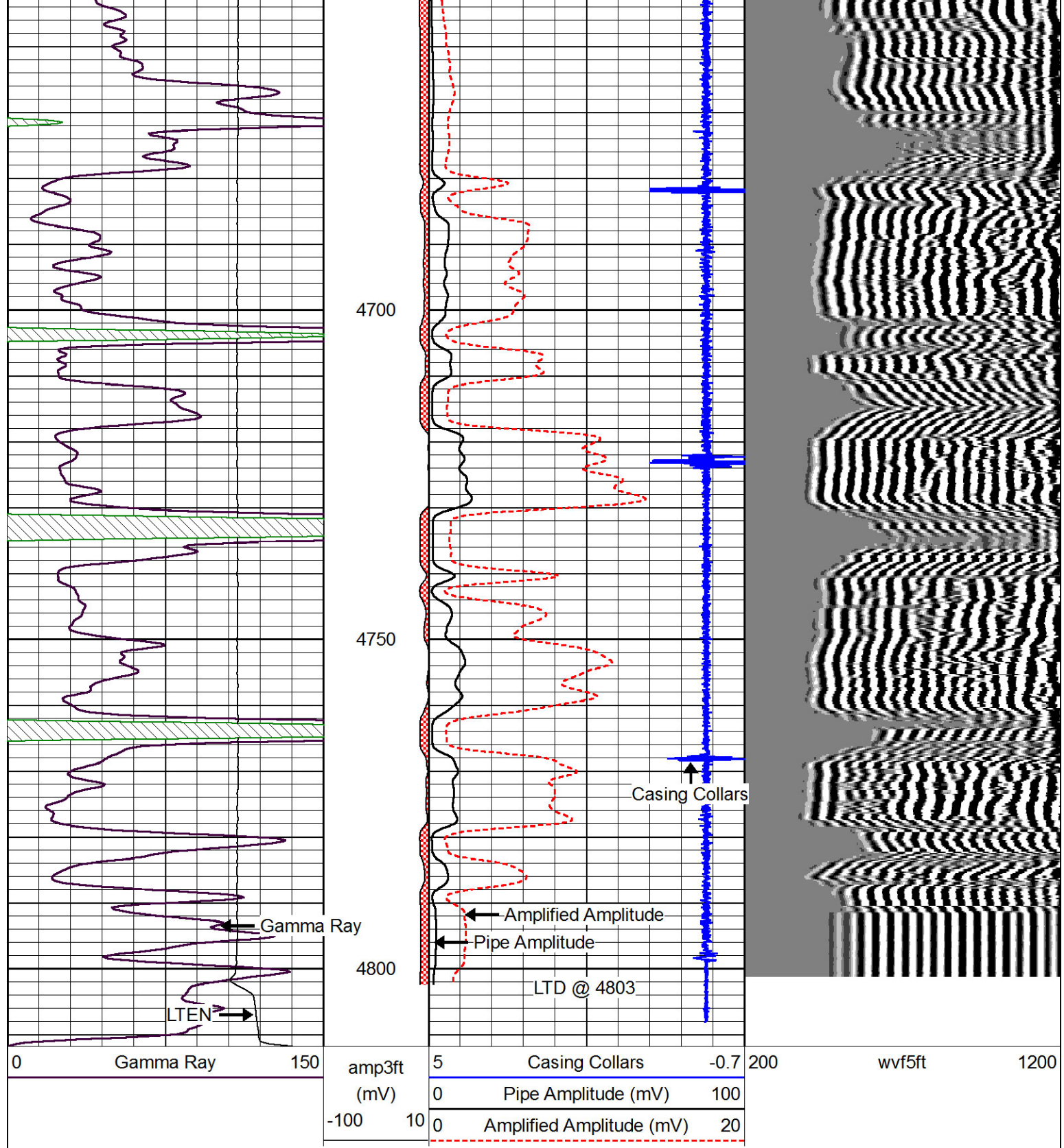
Main Pass

Database File: lddrilling_brineytrust_1.db
Dataset Pathname: grcbl/pass3
Presentation Format: cbldr
Dataset Creation: Mon Jan 21 10:03:01 2013 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft (mV)	5	Casing Collars	-0.7	200	wvf5ft	1200
			-100 10	0	Pipe Amplitude (mV)	100			
				0	Amplified Amplitude (mV)	20			



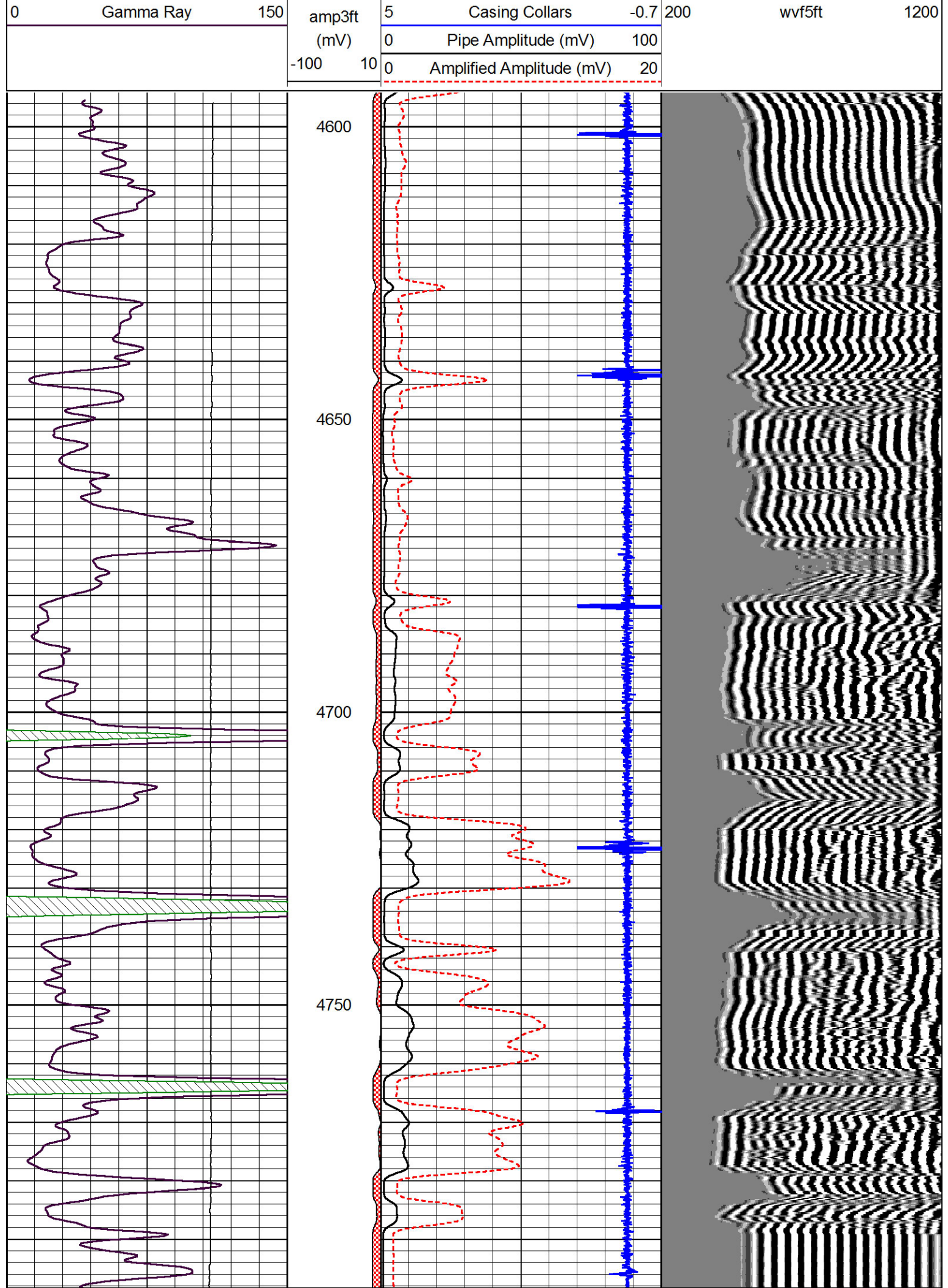




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Repeat Section

Database File: lddrilling_brineytrust_1.db
 Dataset Pathname: grcbl/pass2
 Presentation Format: cbldr
 Dataset Creation: Mon Jan 21 09:56:11 2013 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240



0	Gamma Ray	150	amp3ft (mV)	5	Casing Collars	-0.7	200	wvf5ft	1200
			-100	10	0	Pipe Amplitude (mV)	100		
					0	Amplified Amplitude (mV)	20		