PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company MULL DRILLING COMPANY, INC.
Well #1-12 BROWN TRUST
Field WILDCAT
County SCOTT
State KANSAS

Company	MULL DRILLING COMPANY, INC.
Well	#1-12 BROWN TRUST
Field	WILDCAT
County	SCOTT State KANSAS
Location	922' FSL & 494' FEL SEC 12 TWP 16S RGE 32W
Other Services	
Permanent Datum	GROUND LEVEL Elevation 2936
Log Measured From	KELLY BUSHING 9' AGL
Drilling Measured From	KELLY BUSHING
Elevation	K.B. 2945 D.F. 2943 G.L. 2936

Date	ONE
Run Number	10-28-2013
Depth Driller	4700
Depth Logger	4615
Bottom Logged Interval	4611
Top Log Interval	3120
Casing Size	5 1/2"
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	3290
Time Well Ready	
Time Logger on Bottom	
Equipment Number	TR-8
Location	CHEYENNE WELLS, CO.
Recorded By	HENDERSON
Witnessed By	JERRY ROANE

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	210				
TWO	7 7/8"	210	4700				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"		0	210
Prot. String				
Production String	5 1/2"	14#	0	4696
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

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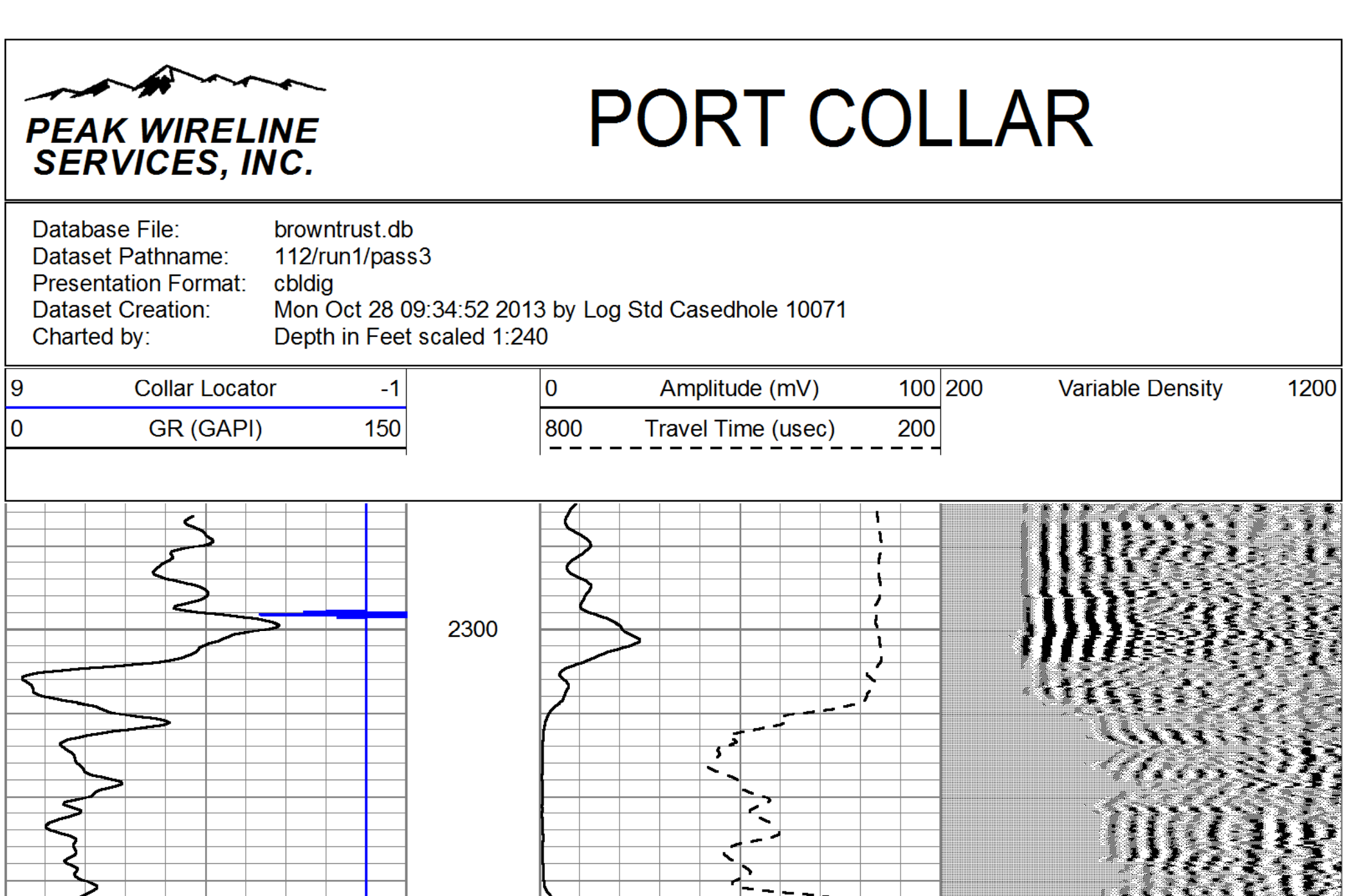
PORT COLLAR

Database File: browntrust.db
Dataset Pathname: 112/run1/pass3
Presentation Format: cbldig
Dataset Creation: Mon Oct 28 09:34:52 2013 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240



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MAIN PASS

Database File: browntrust.db
Dataset Pathname: 112/run1/pass2
Presentation Format: cbldig
Dataset Creation: Mon Oct 28 09:02:48 2013 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

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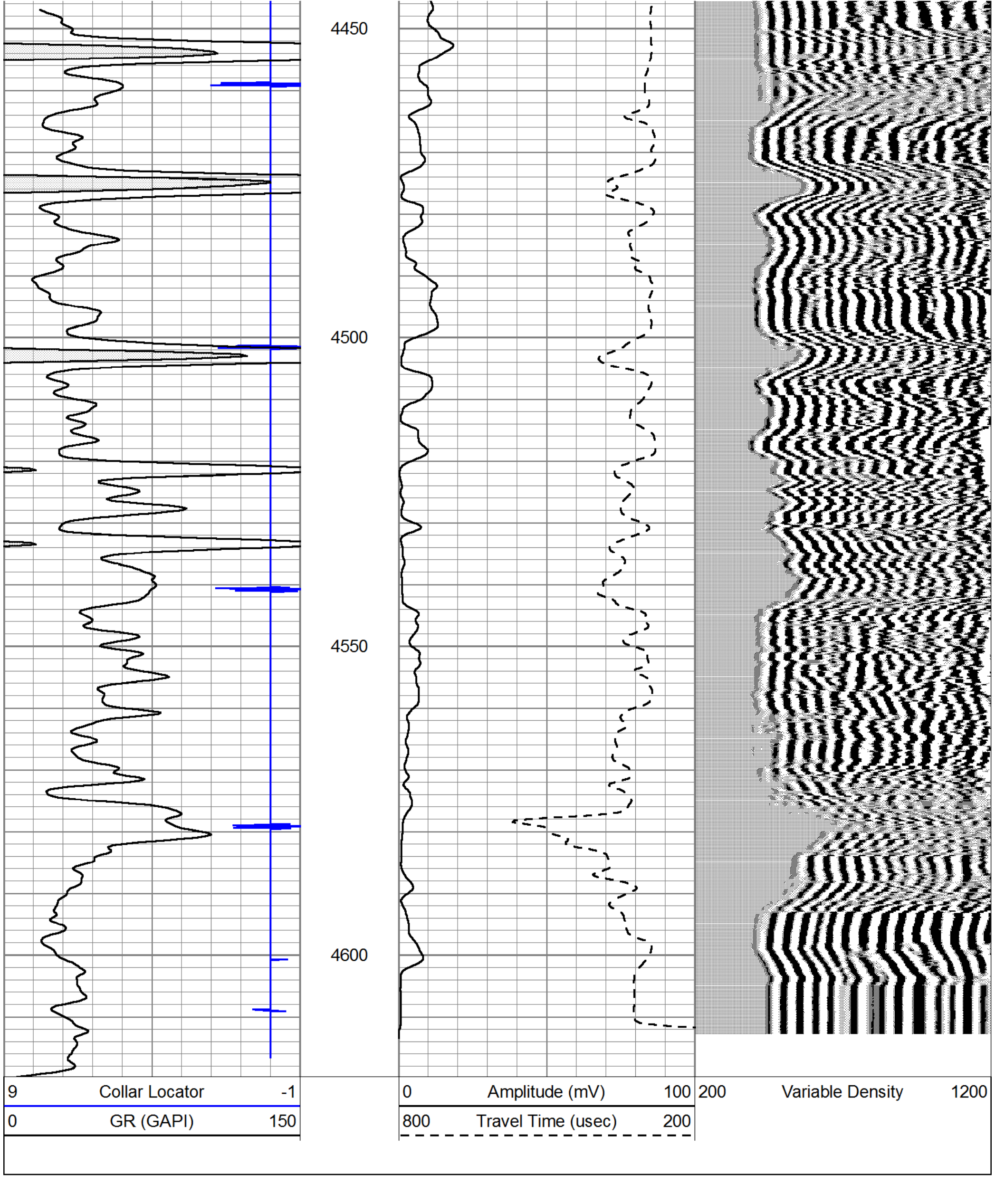
REPEAT SECTION

Database File: browntrust.db
Dataset Pathname: 112/run1/pass1
Presentation Format: cbldig
Dataset Creation: Mon Oct 28 08:56:40 2013 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: browntrust.db
Dataset Pathname: 112/run1/pass2
Dataset Creation: Mon Oct 28 09:02:48 2013 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Mon Oct 28 09:05:24 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.2000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	5.5dig040201		
Tool Model:	Probe275Digital		
Performed:	Mon Oct 28 09:29:39 2013		
Depth:	2589.02	ft	
Casing Diameter:	5.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	0.25	0	mV
Calibrated Amplitude:	71.921	71.921	mV
Reading at Signal Zero:	0.0103027	0.0131348	V
Reading in Free Pipe:	2.33413	2.271	V
Gain:	30.8418	31.8536	
Offset:	-0.0677537	-0.41839	