PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company MULL DRILLING COMPANY, INC.
Well BAKER A#1
Field WILDCAT
County CHEYENNE State COLORADO

Location 2040' FNL & 720' FEL
SW SE NE
SEC 6 TWP 12S RGE 48W

Other Services

Permanent Datum GROUND LEVEL Elevation 4824
Log Measured From KELLY BUSHING 5' AGL
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4829
D.F. 4828
G.L. 4824

Company MULL DRILLING COMPANY, INC.
Well BAKER A#1
Field WILDCAT
County CHEYENNE
State COLORADO

Date	10-1-2012
Run Number	ONE
Depth Driller	5740
Depth Logger	5614
Bottom Logged Interval	5600
Top Log Interval	4600
Casing Size	5 1/2"
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	4790
Time Well Ready	
Time Logger on Bottom	
Equipment Number	TR-7
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	626				
TWO	7 7/8"	626	5740				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24#	0	626
Prot. String				
Production String	5 1/2"	17#	0	5685
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.

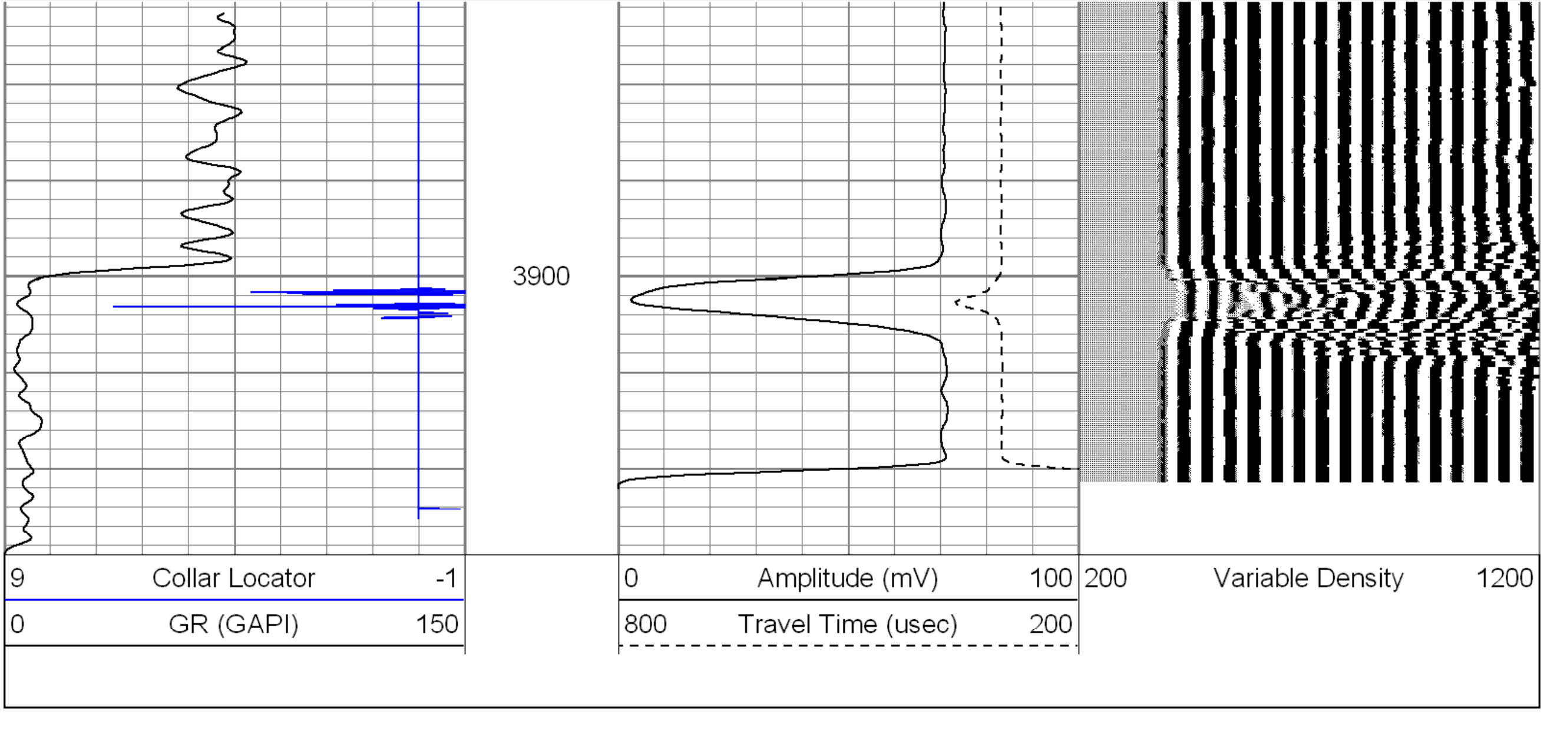
Comments

PEAK WIRELINE SERVICES, INC.

PORT COLLAR

Database File: baker.db
Dataset Pathname: A1/run1/pass1.1
Presentation Format: cbldig
Dataset Creation: Mon Oct 01 12:31:31 2012 by Calc Std Casedhole 07081
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1 | 0 Amplitude (mV) 100 | 200 Variable Density 1200
0 GR (GAPI) 150 | 800 Travel Time (usec) 200



9 Collar Locator -1 | 0 Amplitude (mV) 100 | 200 Variable Density 1200
0 GR (GAPI) 150 | 800 Travel Time (usec) 200

Database File: baker.db
Dataset Pathname: A1/run1/pass3.1
Presentation Format: cbldig
Dataset Creation: Mon Oct 01 13:05:52 2012
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1 | 0 Amplitude (mV) 100 | 200 Variable Density 1200
0 GR (GAPI) 150 | 800 Travel Time (usec) 200

9 Collar Locator -1 | 0 Amplitude (mV) 100 | 200 Variable Density 1200
0 GR (GAPI) 150 | 800 Travel Time (usec) 200

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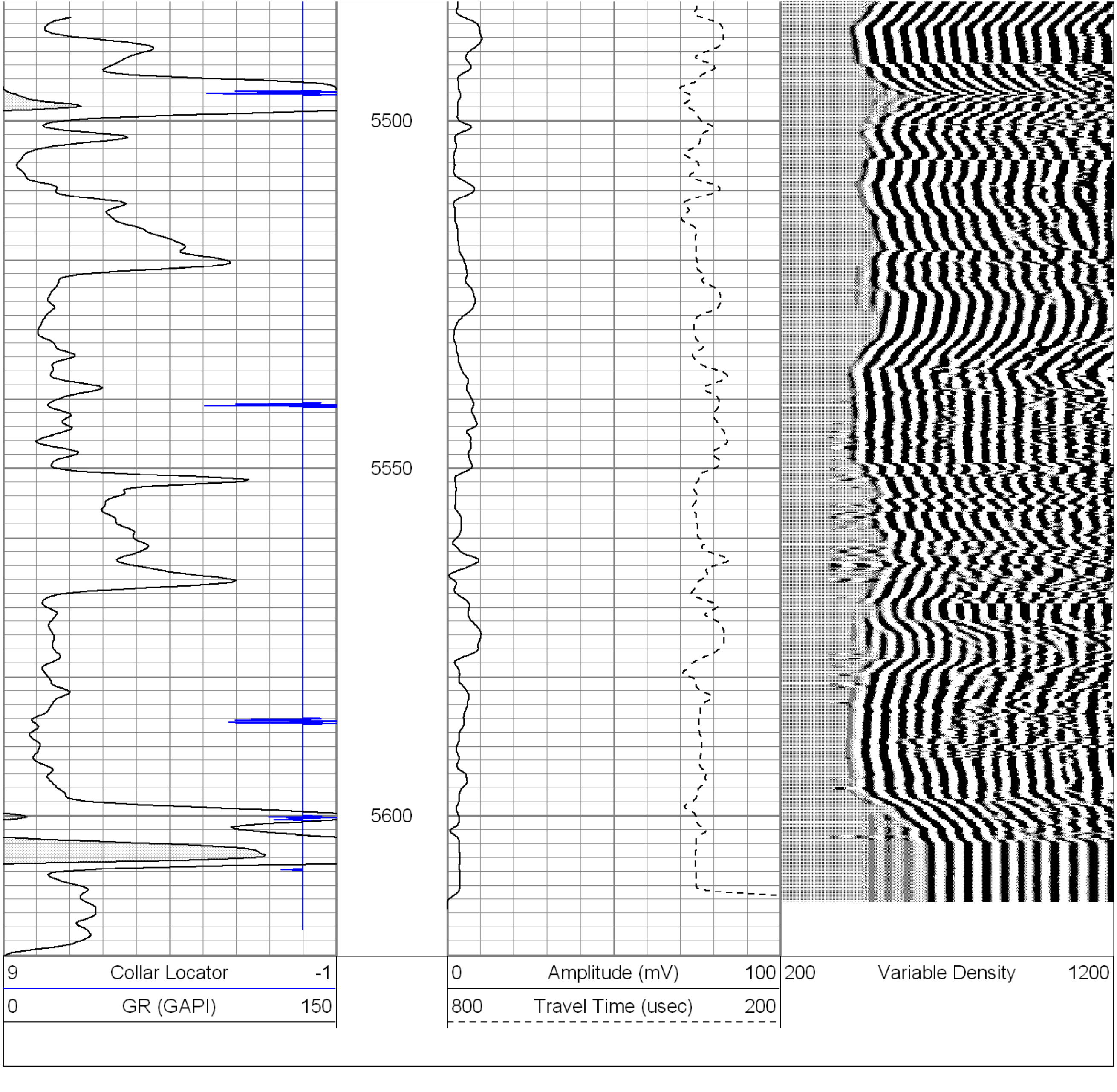
REPEAT SECTION

Database File: baker.db
Dataset Pathname: A1/run1/pass2
Presentation Format: cbldig
Dataset Creation: Mon Oct 01 12:35:06 2012 by Log Std Casedhole 07081
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1 | 0 Amplitude (mV) 100 | 200 Variable Density 1200
0 GR (GAPI) 150 | 800 Travel Time (usec) 200



9 Collar Locator -1 | 0 Amplitude (mV) 100 | 200 Variable Density 1200
0 GR (GAPI) 150 | 800 Travel Time (usec) 200

Calibration Report

Database File: baker.db
Dataset Pathname: A1/run1/pass3.1
Dataset Creation: Mon Oct 01 13:05:52 2012

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Thu Dec 29 07:56:28 2011	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	5.5dig040201		
Tool Model:	Probe275Digital		
Performed:	Mon Oct 01 12:30:11 2012		
Depth:	12		ft
Casing Diameter:	5.5		in
	3' Spacing	5' Spacing	
Signal Zero:	0	0	mV
Calibrated Amplitude:	71.921	71.921	mV
Reading at Signal Zero:	0.00212402	0.00390625	V
Reading in Free Pipe:	2.03804	2.13252	V
Gain:	35.3261	33.7877	
Offset:	-0.0750334	-0.131983	