PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company	MULL DRILLING COMPANY, INC.
Well	APC-BAUGHMAN #1-35
Field	WILDCAT
County	CHEYENNE
State	COLORADO

Company	MULL DRILLING COMPANY, INC.		
Well	APC-BAUGHMAN UNIT #1-35		
Field	WILDCAT		
County	CHEYENNE	State	COLORADO
Location:	660' FSL & 330' FWL SEC 35 TWP 16S RGE 45W	Other Services	
Permanent Datum	GROUND LEVEL Elevation 4218	Elevation	K.B. 4229
Log Measured From	KELLY6 BUSHING 11' AGL		D.F. 4227
Drilling Measured From	KELLY BUSHING		G.L. 4218

Date	8-14-2013
Run Number	ONE
Depth Driller	5490
Depth Logger	5367
Bottom Logged Interval	5363
Top Log Interval	750
Casing Size	7 7/8"
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	TR-8
Location	CHEYENNE WELLS, CO
Recorded By	HENDERSON
Witnessed By	TRACY AKERS

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	651				
TWO	7 7/8"	651	5490				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"		0	651
Prot. String				
Production String	5 1/2"	15.5#	0	5490
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.

MAIN PASS

Database File:	apcbaughman.db
Dataset Pathname:	pass2.1
Presentation Format:	cbldig
Dataset Creation:	Wed Aug 14 09:15:40 2013 by Calc Std Casedhole 10071
Charted by:	Depth in Feet scaled 1:240

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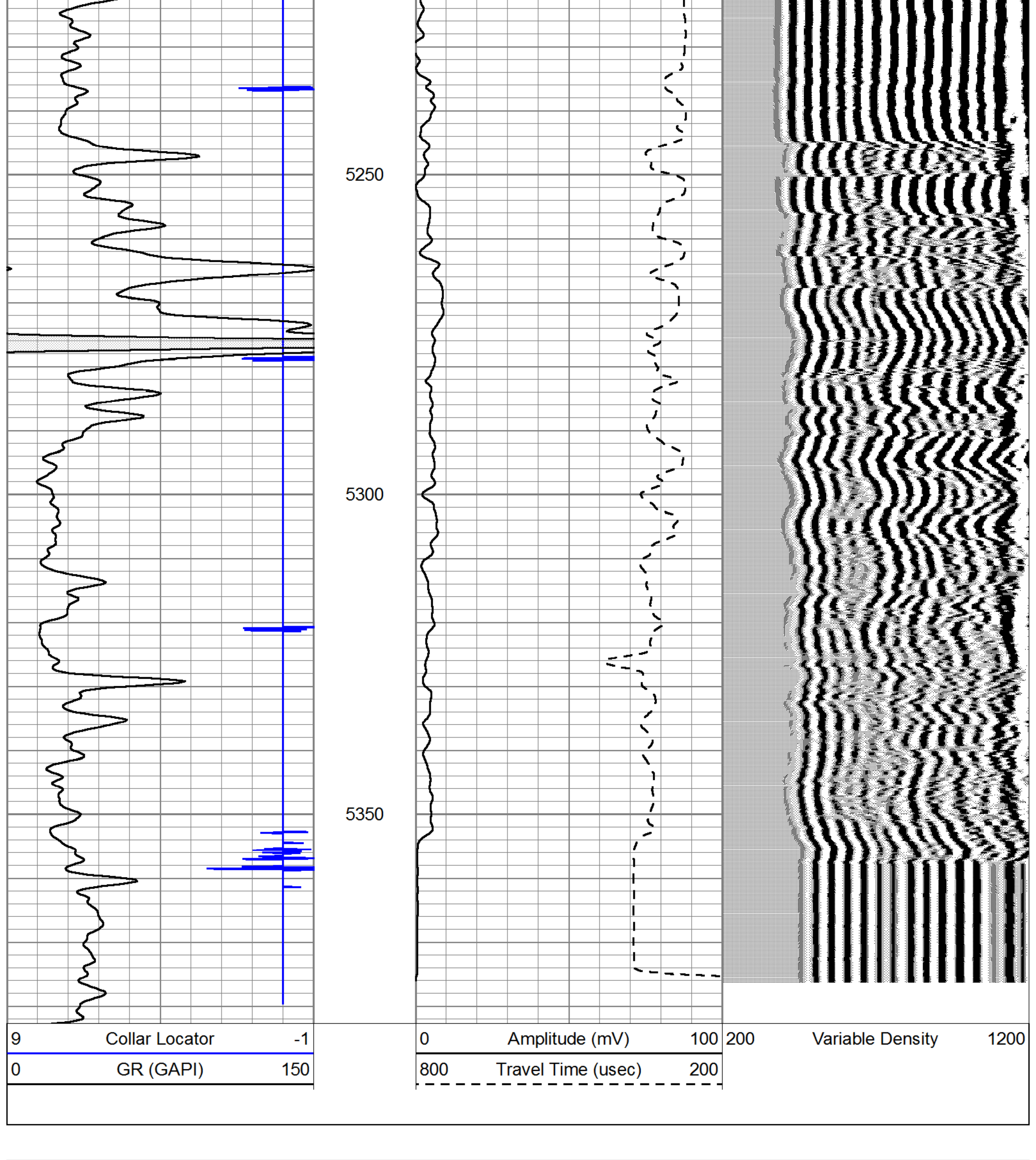
REPEAT SECTION

Database File: apcbaughman.db
Dataset Pathname: pass1
Presentation Format: cbldig
Dataset Creation: Wed Aug 14 07:39:15 2013 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: apcbaughman.db
Dataset Pathname: pass1
Dataset Creation: Wed Aug 14 07:39:15 2013 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Fri Aug 09 11:38:03 2013	
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:	Wed Aug 14 07:24:45 2013	
Depth:	-25.6	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:	0.0122559	0.0133301	V
Reading in Free Pipe:	1.7218	1.11528	V
Gain:	41.924	65.267	
Offset:	-0.263815	-0.870015	