PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company	MULL DRILLING COMPANY, INC.
Well	DICKEY "A" #1-14
Field	
County	CHEYENNE
State	COLORADO

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Field			
County	CHEYENNE	State	COLORADO
Location:	1927' FNL & 1119' FEL SEC 14 TWP 16S RGE 45W		Other Services
Permanent Datum	GROUND LEVEL	Elevation 4368	Elevation
Log Measured From	KELLY BUSHING 11' AGL		K.B. 4379
Drilling Measured From	KELLY BUSHING		D.F. 4377 G.L. 4368

Date	1-21-2014	
Run Number	ONE	
Depth Driller	5560	
Depth Logger	5530	
Bottom Logged Interval	5526	3020
Top Log Interval	3400	170
Casing Size	5 1/2"	
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	647				
TWO	7 7/8"	647	5560				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"		0	647
Prot. String				
Production String	5 1/2"	15.5#	0	5561
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

Database File: dickey.db
Dataset Pathname: A1-14/run1/pass3
Presentation Format: cbldig
Dataset Creation: Tue Jan 21 13:47:31 2014 by Log Std Casedhole 10071
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	

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0 GR (GAPI) 150	800 Travel Time (usec) 200	

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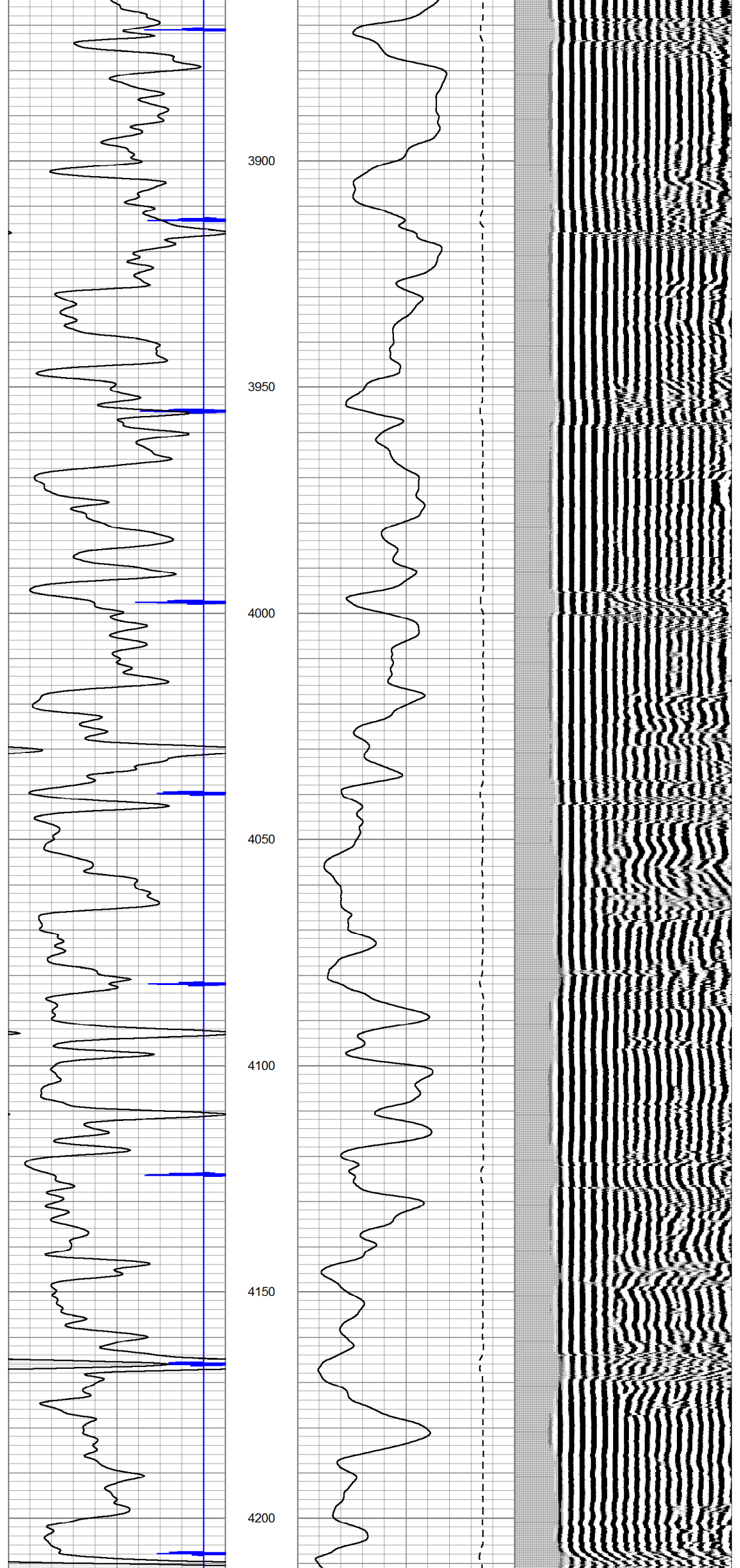
MAIN PASS

Database File: dickey.db
Dataset Pathname: A1-14/run1/pass2.1
Presentation Format: cbldig
Dataset Creation: Tue Jan 21 14:28:58 2014
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	



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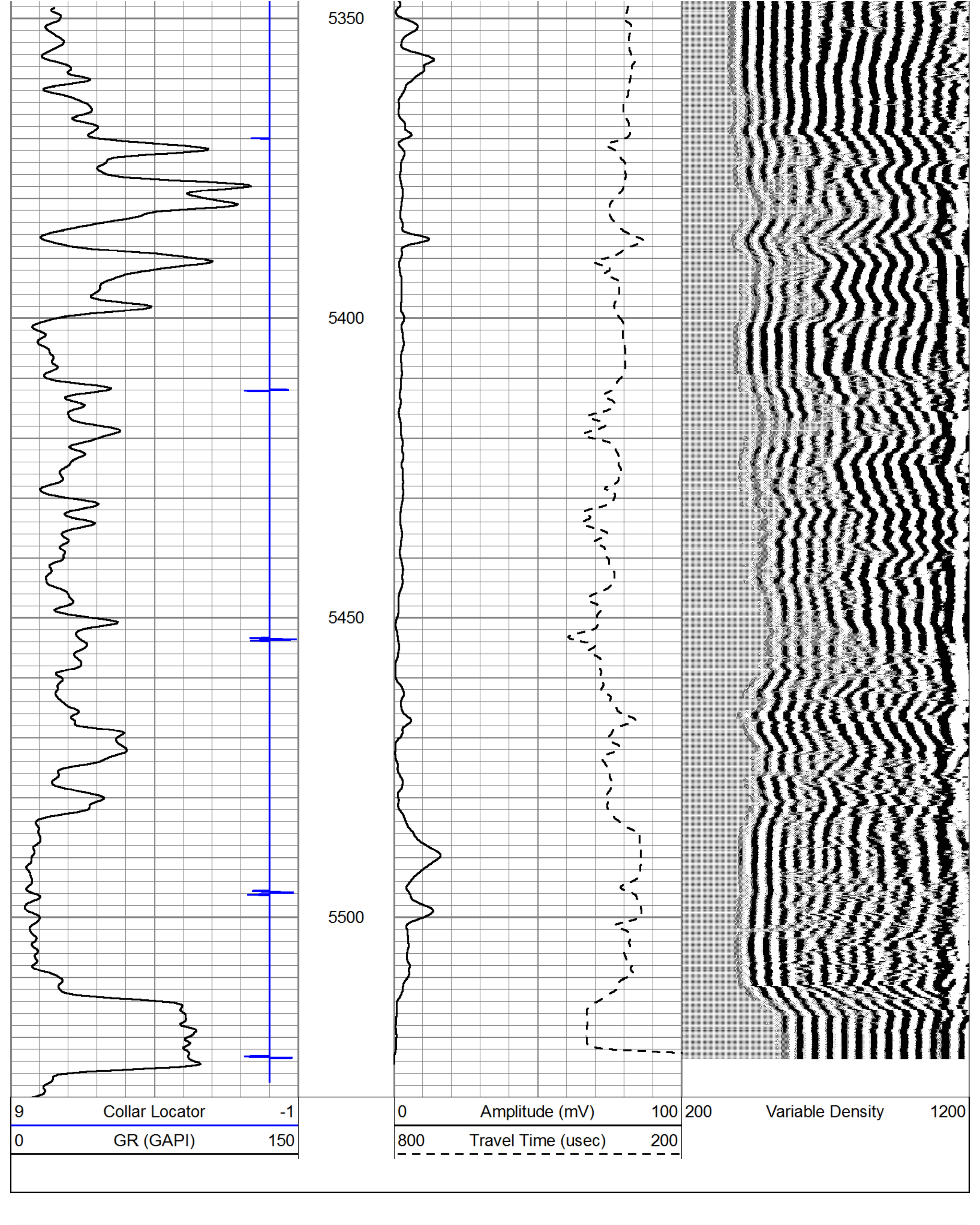
REPEAT SECTION

Database File: dickey.db
Dataset Pathname: A1-14/run1/pass1
Presentation Format: cbldig
Dataset Creation: Tue Jan 21 12:57:46 2014 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: dickey.db
Dataset Pathname: A1-14/run1/pass1
Dataset Creation: Tue Jan 21 12:57:46 2014 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Mon Nov 11 11:12:24 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.8000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	5.5dig040201		
Tool Model:	Probe275Digital		
Performed:	Tue Jan 21 12:57:05 2014		
Depth:	11.075	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:	0.00837402	0.0133057	V
Reading in Free Pipe:	2.3189	2.34788	V
Gain:	31.0194	30.807	
Offset:	-0.00975711	-0.409907	