Company	MULL DRILLING COMPANY, INC
Well	CHAMPLIN-ALDRICH "A" #7
Field	CHEYENNE WELLS
County	CHEYENNE
State	COLORADO

PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company	MULL DRILLING COMPANY, INC.
Well	CHAMPLIN-ALDRICH "A" #7
Field	CHEYENNE WELLS
County	CHEYENNE State COLORADO
Location	N/2 SE/4 1982' FSL & 900' FEL SEC 33 TWP 13S RGE 44W
Other Services	

Permanent Datum	GROUND LEVEL	Elevation	4265	Elevation
Log Measured From	KELLY BUSHING			K.B. 4276
Drilling Measured From	KELLY BUSHING			D.F. 4274 G.L. 4265

Date	10-8-2104	
Run Number	ONE	
Depth Driller	5510	
Depth Logger	5454	
Bottom Logged Interval	5450	3200
Top Log Interval	3570	260
Casing Size	5 1/2"	
Type Fluid	WATER	
Density / Viscosity		
Max. Recorded Temp.		
Estimated Cement Top	3725	
Time Well Ready		
Time Logger on Bottom		
Equipment Number	TR-8	
Location	CHEYENNE WELLS, CO	
Recorded By	HENDERSON	
Witnessed By	RAY BROWN	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	17 1/2"	0	458				
TWO	12 1/4"	458	1745				
THREE	7 7/8"	1745	5510				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	13 3/8"		0	458
Prot. String	8 5/8"	24#	0	1745
Production String	5 1/2"	15.5#	0	5504
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:	ca7.db
Dataset Pathname:	A7/run1/pass3
Presentation Format:	cbldig
Dataset Creation:	Wed Oct 08 12:48:14 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 | 600 Travel Time (usec) 200

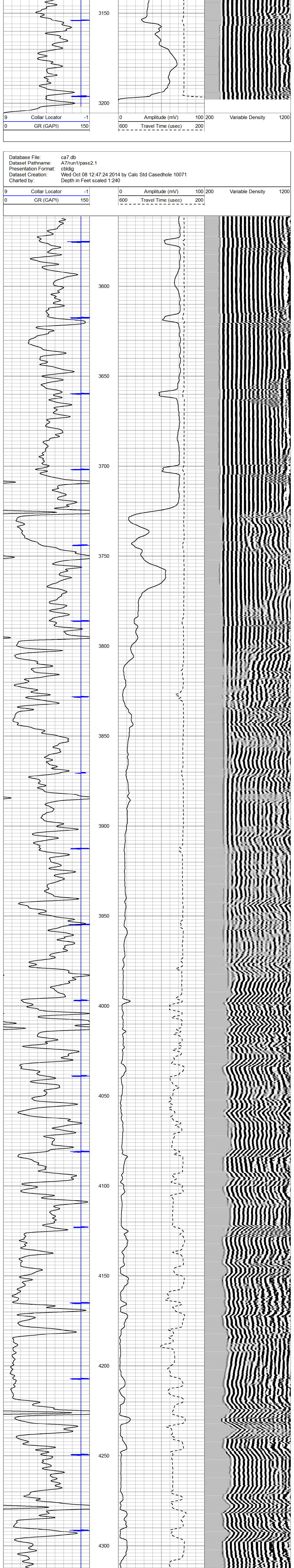
9 Collar Locator -1 | 0 Amplitude (mV) 100 | 200 Variable Density 1200

0 GR (GAPI) 150 | 600 Travel Time (usec) 200

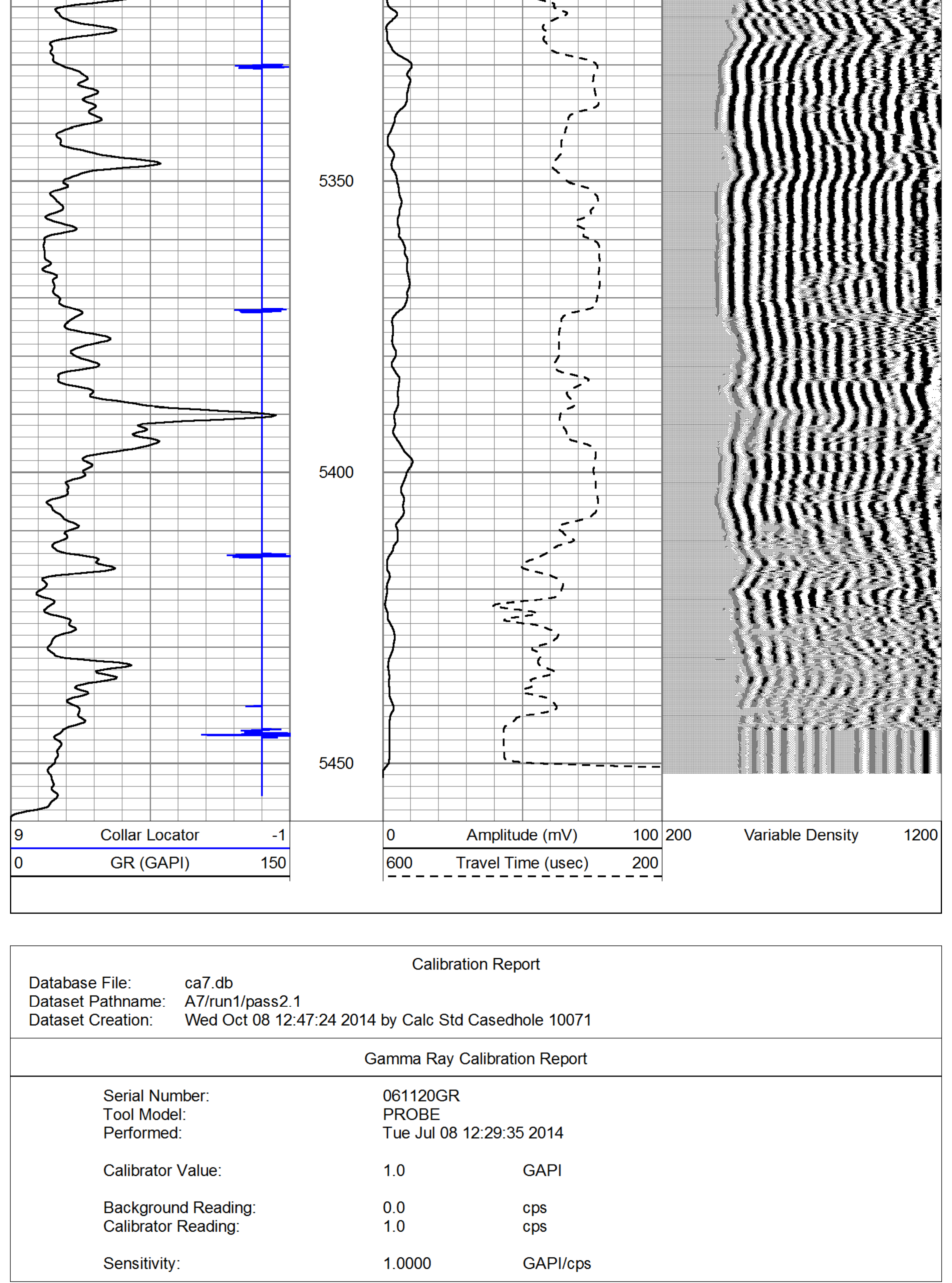
Database File:	ca7.db
Dataset Pathname:	A7/run1/pass2.1
Presentation Format:	cbldig
Dataset Creation:	Wed Oct 08 12:47:24 2014 by Calc Std Casedhole 10071
Charted by:	Depth in Feet scaled 1:240

9 Collar Locator -1 | 0 Amplitude (mV) 100 | 200 Variable Density 1200

0 GR (GAPI) 150 | 600 Travel Time (usec) 200



Database File: ca7.db
Dataset Pathname: A7/run1/pass1
Presentation Format: cbldig
Dataset Creation: Wed Oct 08 12:00:02 2014 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: ca7.db
Dataset Pathname: A7/run1/pass2.1
Dataset Creation: Wed Oct 08 12:47:24 2014 by Calc Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Tue Jul 08 12:29:35 2014	
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 Oct 08 12:45:47 2014		
Depth:	3607.94	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:	0.00925293	0.0133789	V
Reading in Free Pipe:	2.1919	2.06184	V
Gain:	32.8367	35.1098	
Offset:	-0.053836	-0.46973	