Company	ANADARKO E&P ONSHORE LLC
Well	CABOOSE 1548 21 44
Field	WILDCAT
County	CHEYENNE
State	COLORADO

PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company ANADARKO E&P ONSHORE LLC
Well CABOOSE 1548 21 44
Field WILDCAT
County CHEYENNE State COLORADO

Location LAT38.722635 LONG 102.779769
SE SE 675' FSL & 1100' FEL
SEC 21 TWP 15S RGE 48W

Other Services

Permanent Datum GROUND LEVEL Elevation 4254
Log Measured From KELLY BUSHING 19' AGL
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4273
D.F. 4272
G.L. 4254

Date	3-12-2014
Run Number	ONE
Depth Driller	5914
Depth Logger	5882
Bottom Logged Interval	5878
Top Log Interval	5250.
Casing Size	11.6#
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	DONNIE BIGLEY

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	13 3/8"	54.5#	0	523
Prot. String	9 5/8"	36#	0	2784
Production String	7"	26#	0	5410
Liner	4 1/2"	11.6#	5290	5904

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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.

1000 PSI PASS

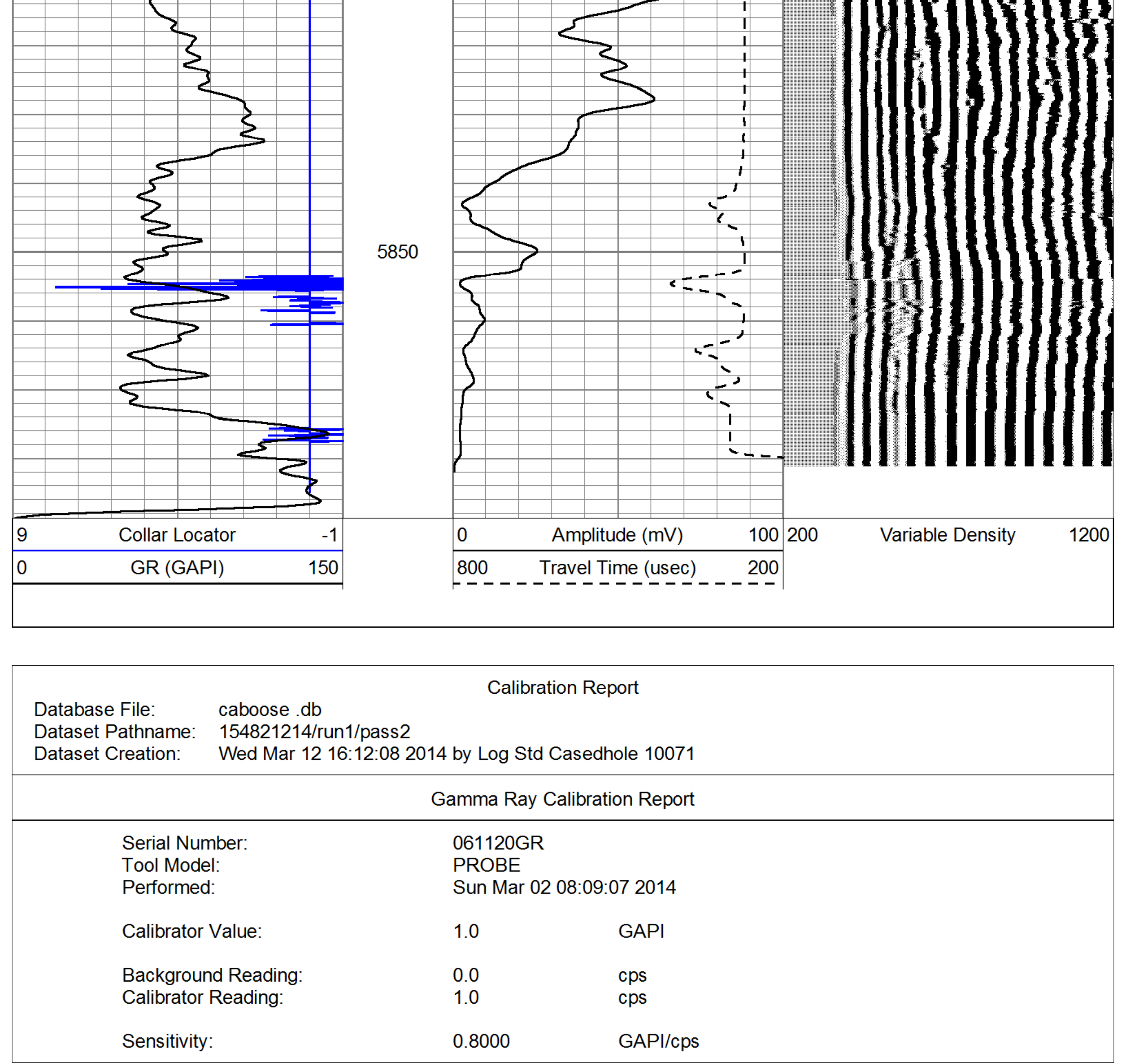
Database File: caboose .db
Dataset Pathname: 154821214/run1/pass3
Presentation Format: cbldig
Dataset Creation: Wed Mar 12 16:34:42 2014 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

PEAK WIRELINE SERVICES, INC.

0 PSI PASS

Database File: caboose .db
Dataset Pathname: 154821214/run1/pass1
Presentation Format: cbldig
Dataset Creation: Wed Mar 12 15:58:21 2014 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

Database File: caboose .db
Dataset Pathname: 154821214/run1/pass2
Presentation Format: cbldig
Dataset Creation: Wed Mar 12 16:12:08 2014 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: caboose .db
Dataset Pathname: 154821214/run1/pass2
Dataset Creation: Wed Mar 12 16:12:08 2014 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Sun Mar 02 08:09:07 2014	
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:	Wed Mar 12 15:54:55 2014		
Depth:	5306.86	ft	
Casing Diameter:	4.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	0.25	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	-0.00837402	0.0133057	V
Reading in Free Pipe:	2.42324	2.37209	V
Gain:	33.289	34.4228	
Offset:	0.528763	-0.458019	