PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company MULL DRILLING COMPANY, INC.
Well BLEUMER #1-13
Field WILDCAT
County GRAY
State KANSAS

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Field	WILDCAT
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Location
2112' FNL & 778' FWL
SW/4 NW/4
SEC 13 TWP 26S RGE 30W

Other Services

Permanent Datum	GROUND LEVEL	Elevation
Log Measured From	KELLY BUSHING 13'	
Drilling Measured From	KELLY BUSHING	

Elevation
K.B. 2785
D.F.
G.L. 2772

Date	5-17-2012		
Run Number	ONE		
Depth Driller	6200		
Depth Logger	6106		
Bottom Logged Interval	6102		
Top Log Interval	3600		
Casing Size	5 1/2"		
Type Fluid	WATER		
Density / Viscosity			
Max. Recorded Temp.			
Estimated Cement Top	3750		
Time Well Ready			
Time Logger on Bottom			
Equipment Number	TR-8		
Location	CHEYENNE WELLS, CO.		
Recorded By	HENDERSON		
Witnessed By	JERRY ROANE	TIM HOSS	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	464				
TWO	7 7/8"	464	6200				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	23#	0	464
Prot. String				
Production String	5 1/2"	15.5#	0	6200
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

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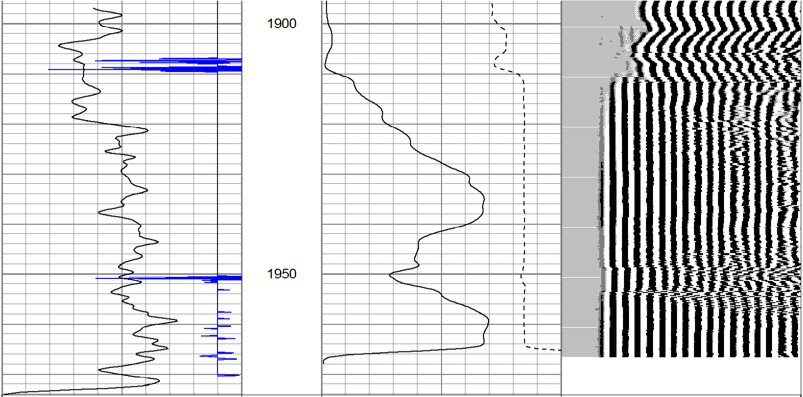
PORT COLLAR

Database File:	bleumer.db
Dataset Pathname:	113/run1/pass3
Presentation Format:	cbldig
Dataset Creation:	Thu May 17 17:13:36 2012 by Log Std Casedhole 10071
Charted by:	Depth in Feet scaled 1:240

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



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

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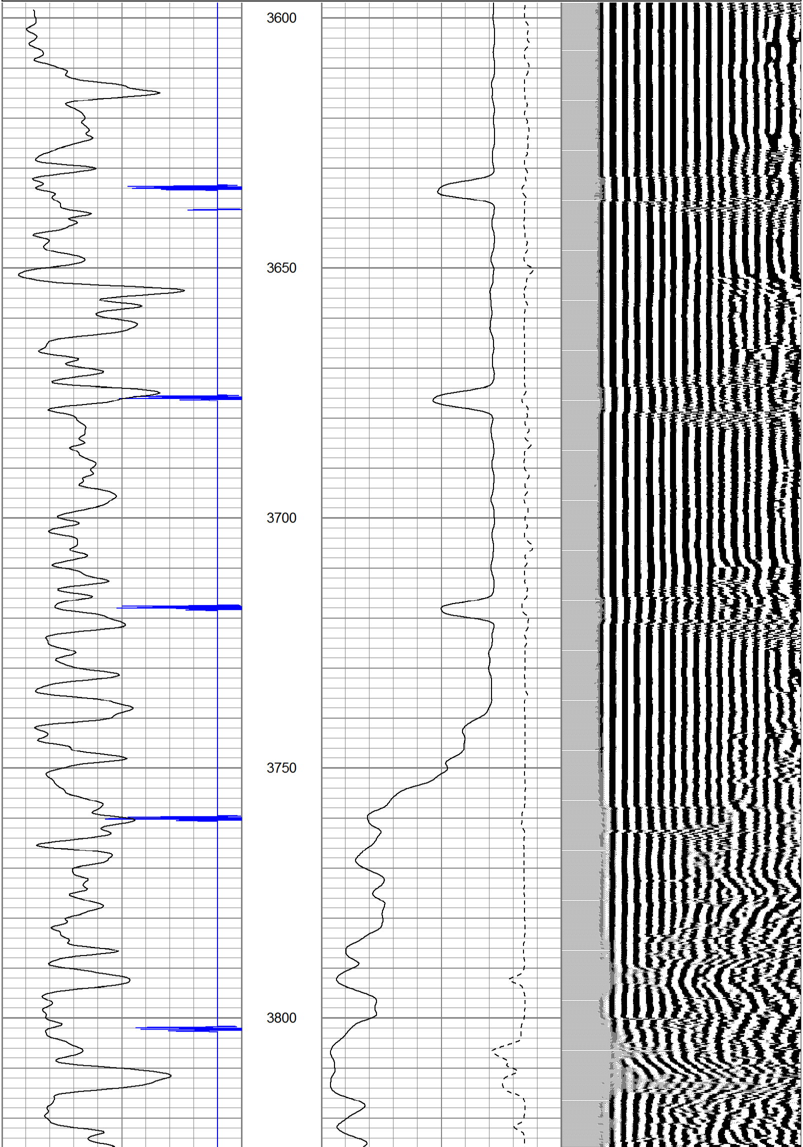
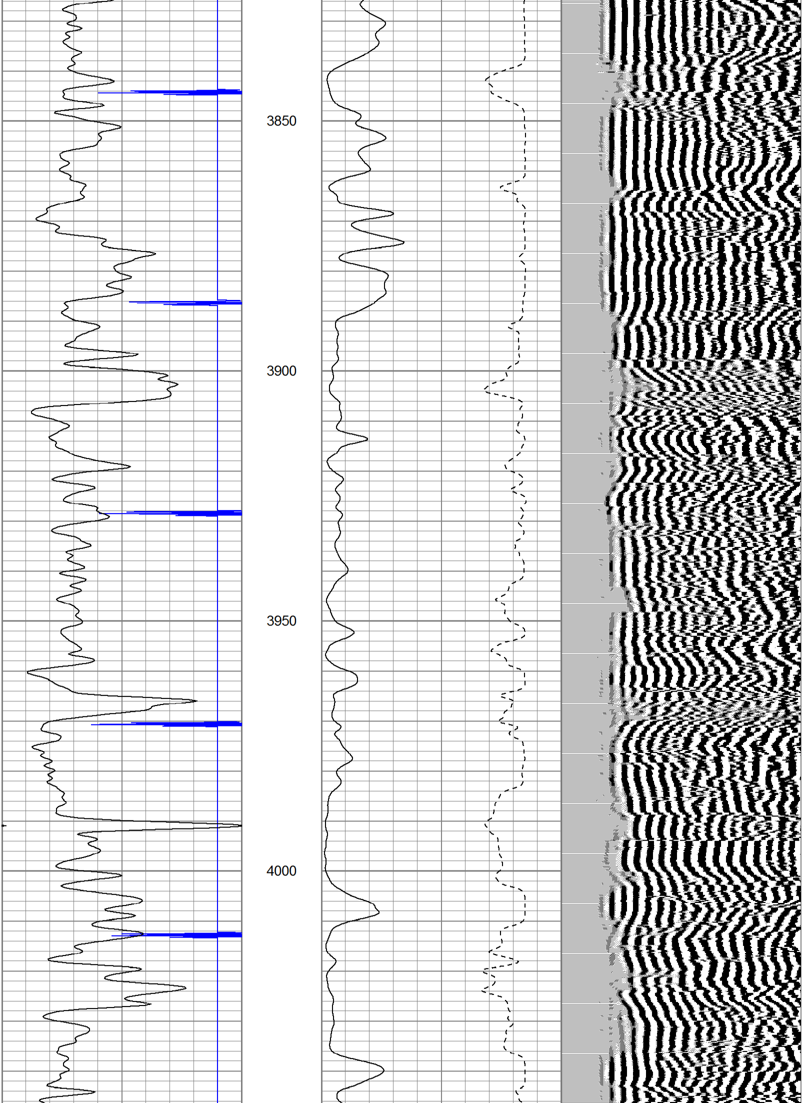
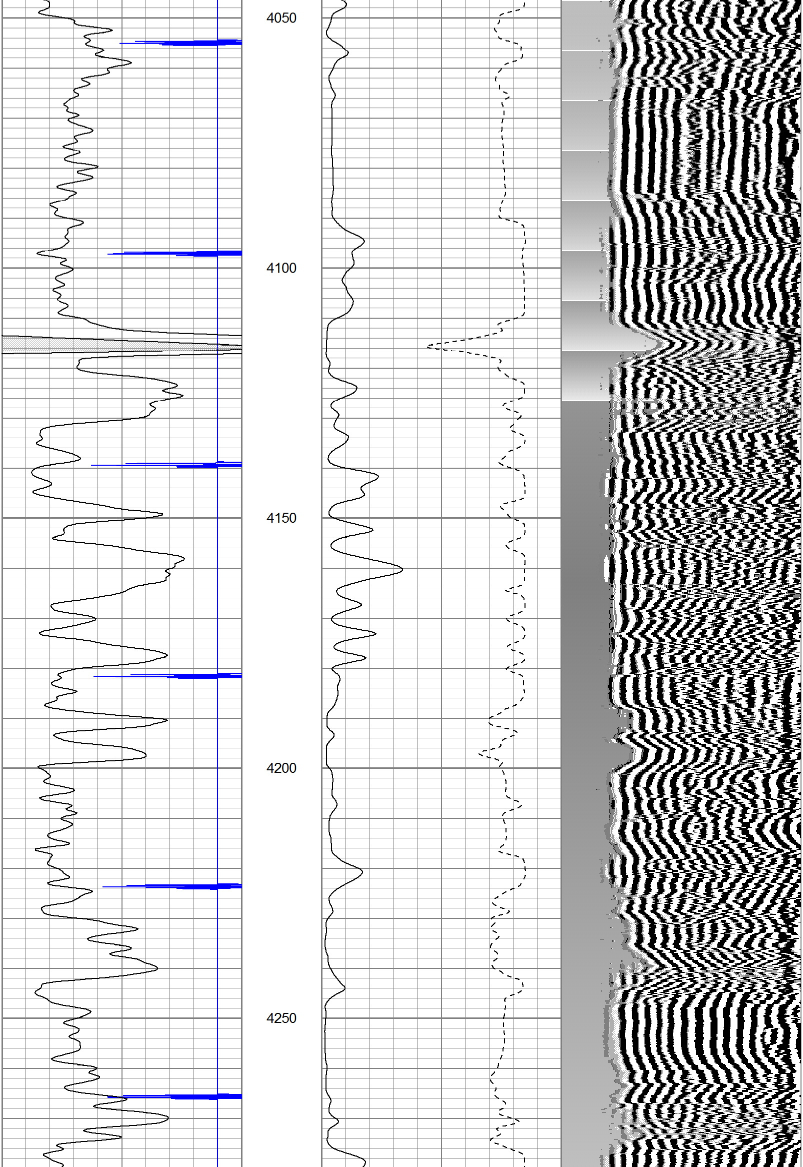
MAIN PASS

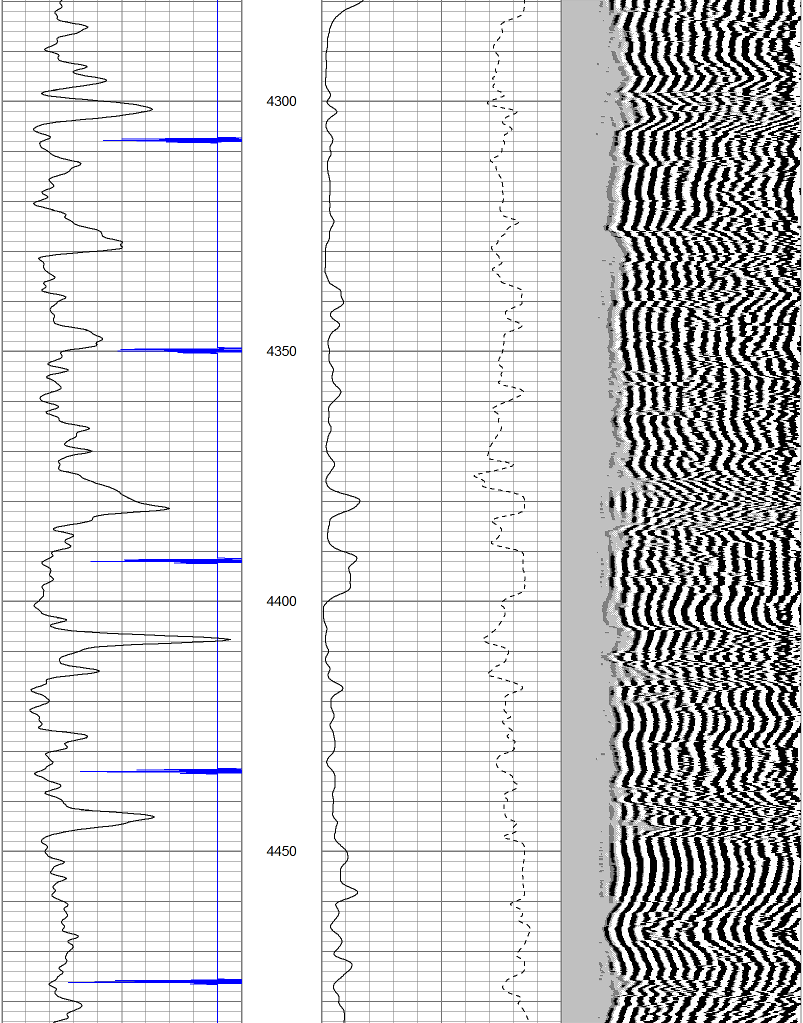
Database File:	bleumer.db
Dataset Pathname:	113/run1/pass2
Presentation Format:	cbldig
Dataset Creation:	Thu May 17 16:18:13 2012 by Log Std Casedhole 10071
Charted by:	Depth in Feet scaled 1:240

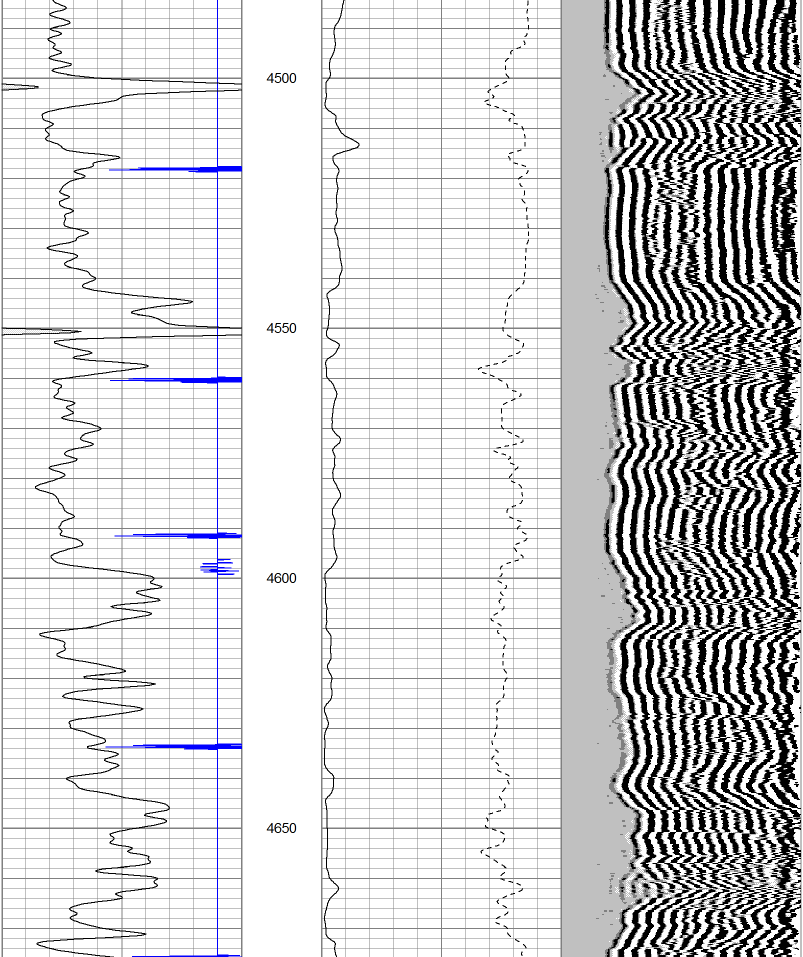
9 Collar Locator -1
0 GR (GAPI) 150
0 Amplitude (mV) 100
800 Travel Time (usec) 200
200 Variable Density 1200

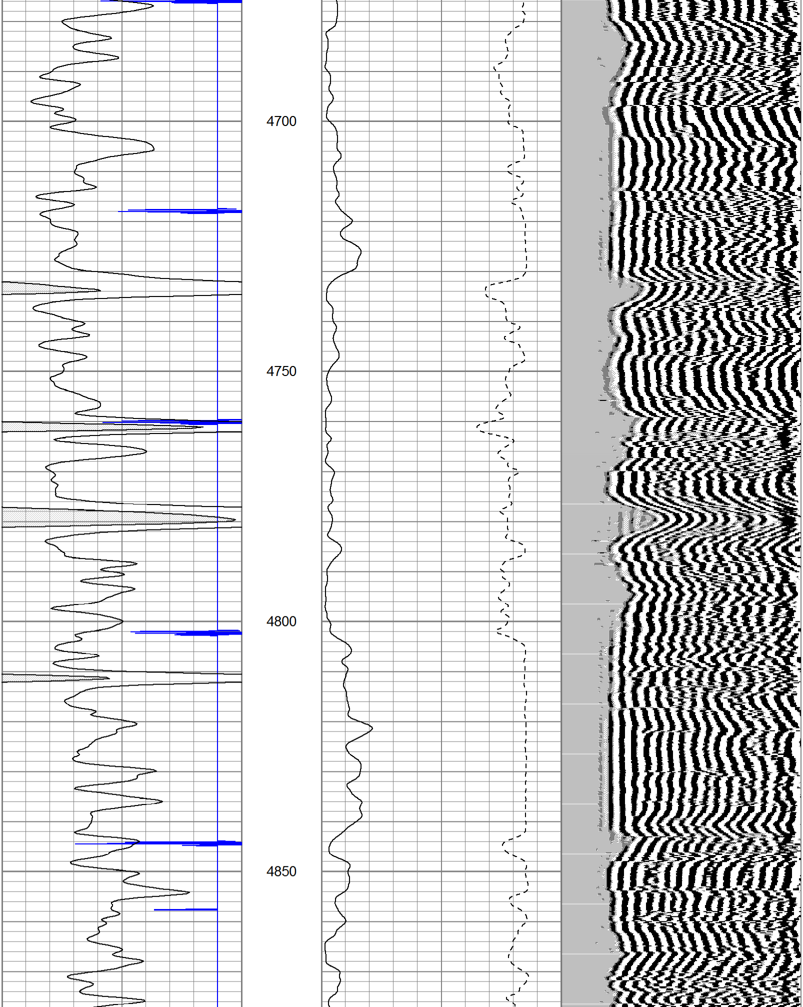


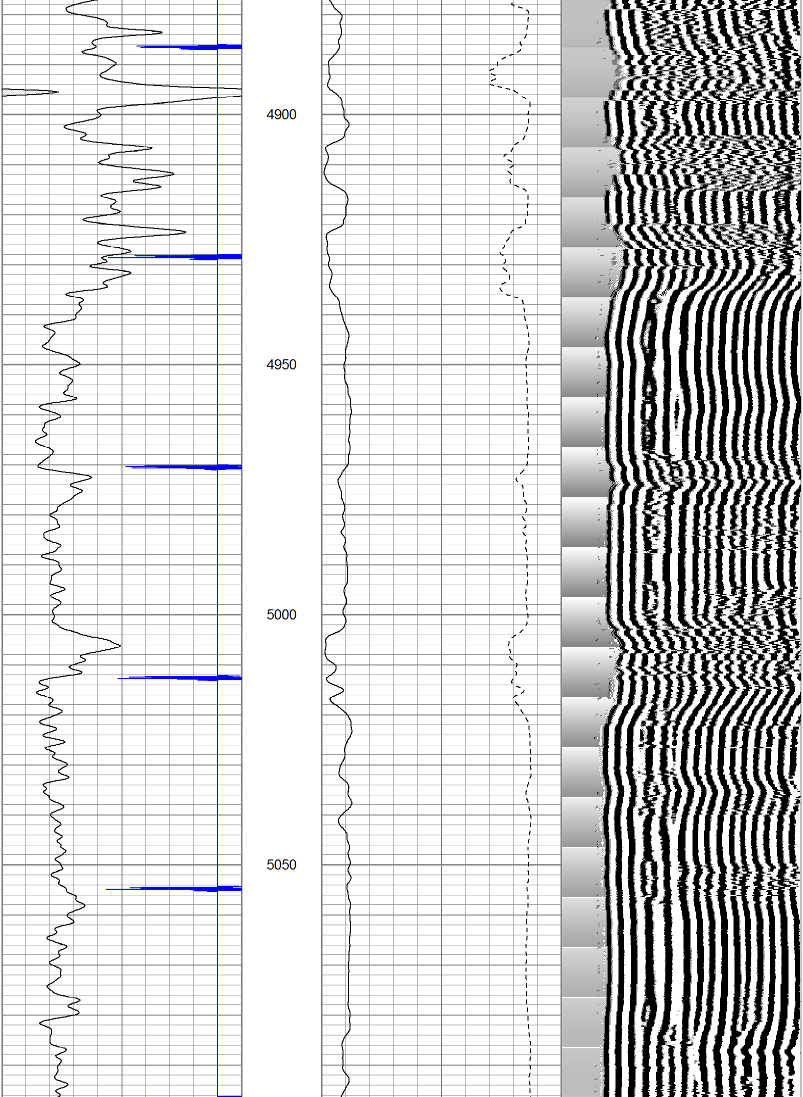


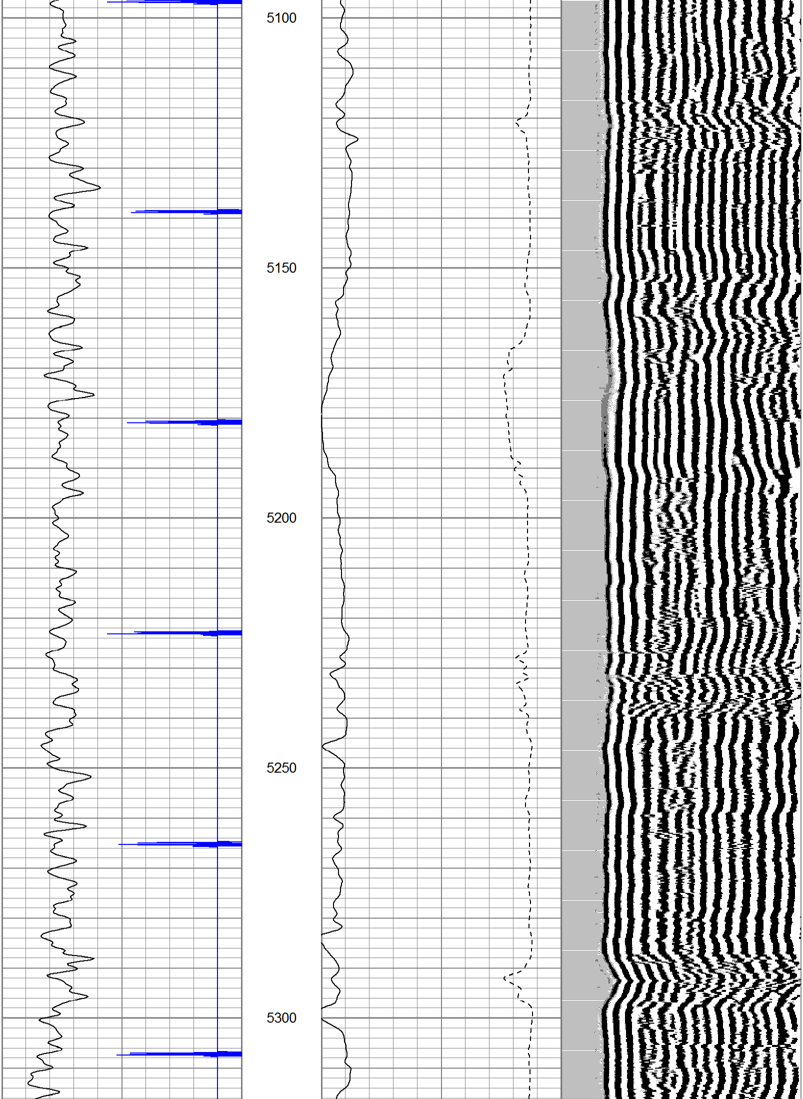


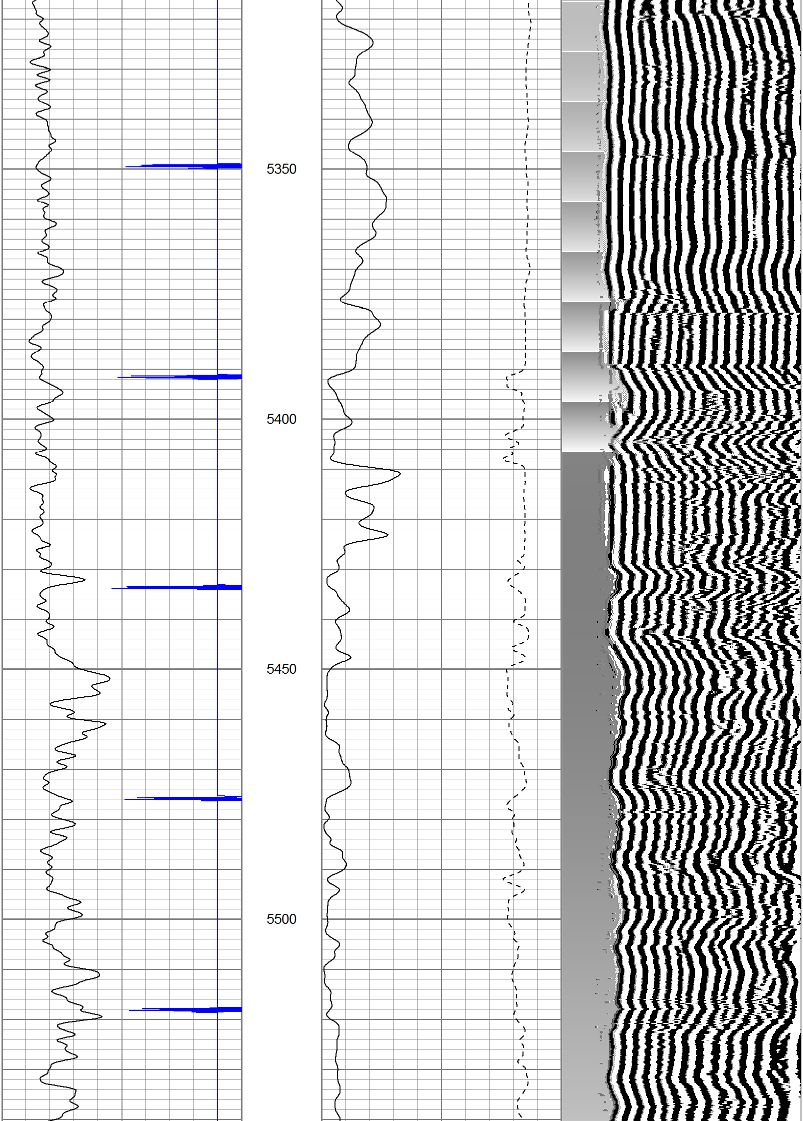


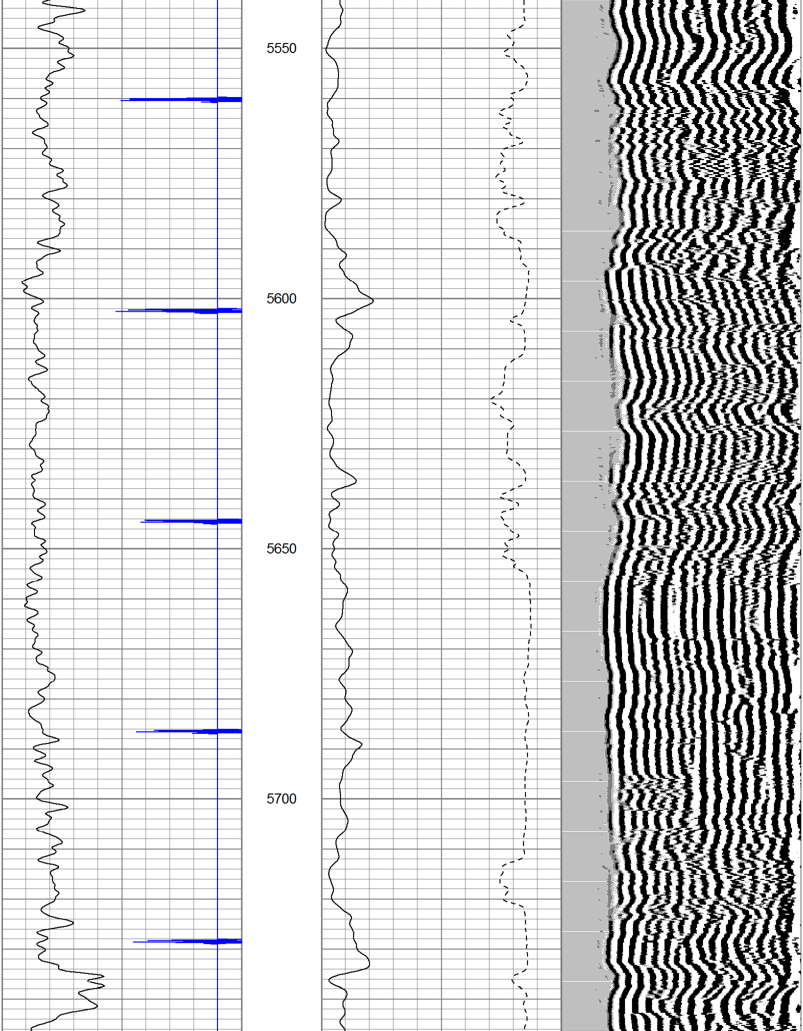


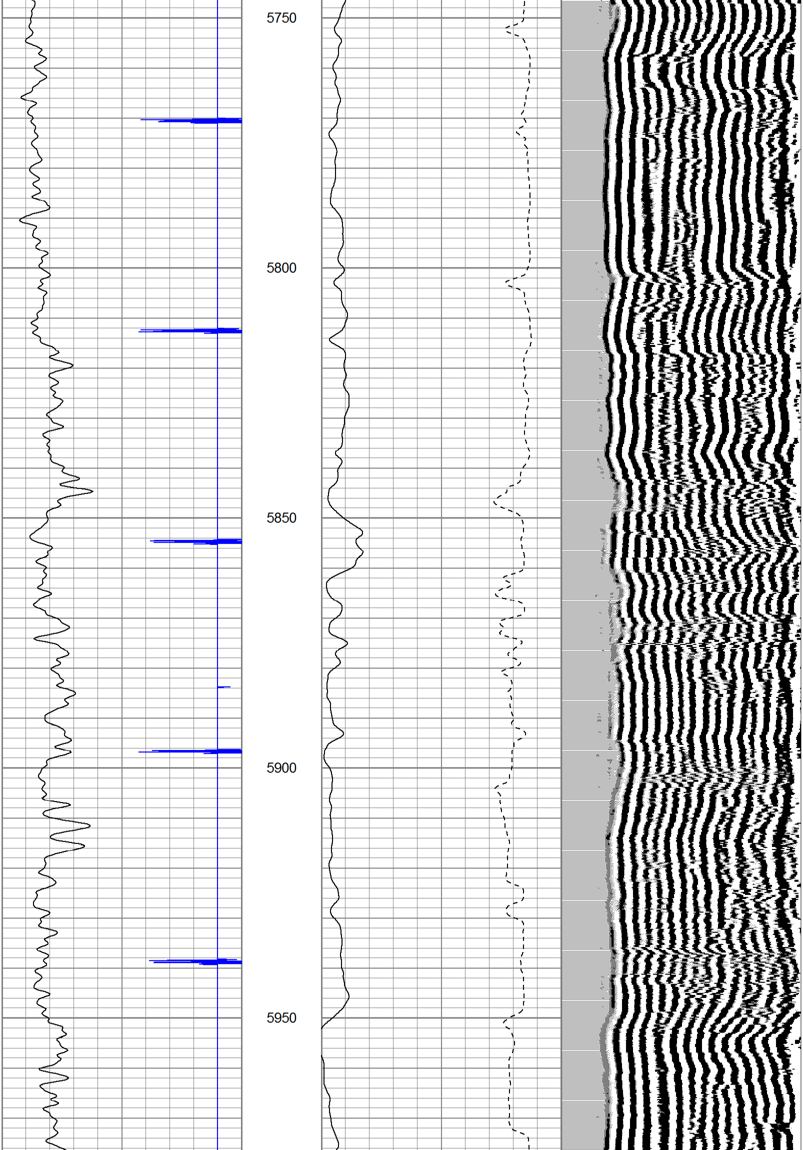


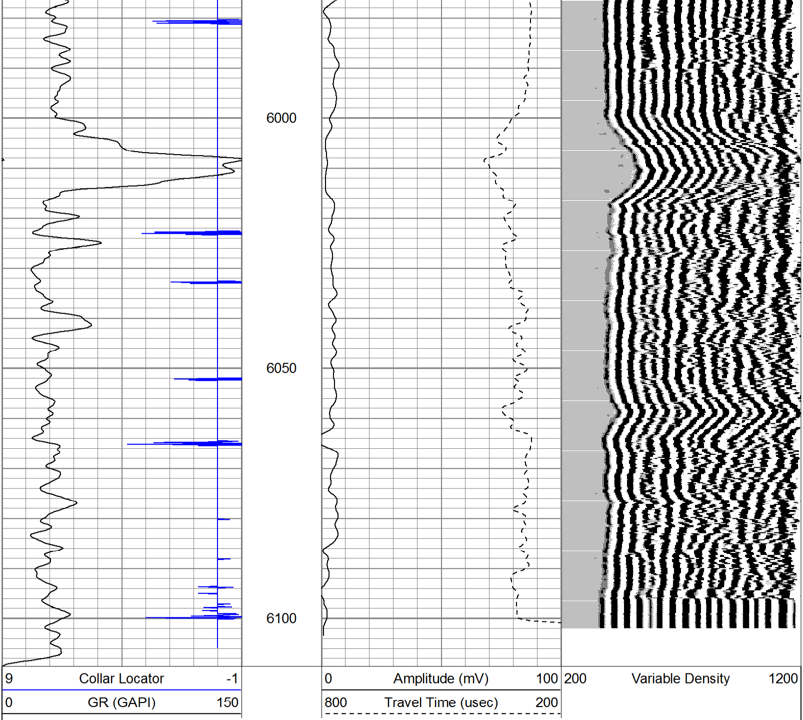












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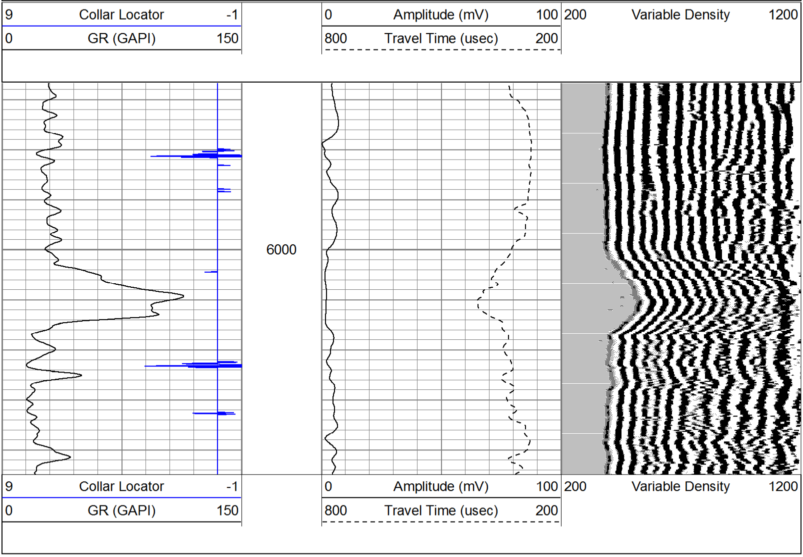
REPEAT SECTION

Database File:	bleumer.db
Dataset Pathname:	113/run1/pass1
Presentation Format:	cbldig
Dataset Creation:	Thu May 17 16:12:54 2012 by Log Std Casedhole 10071
Charted by:	Depth in Feet scaled 1:240



Calibration Report

Database File:	bleumer.db
Dataset Pathname:	113/run1/pass1
Dataset Creation:	Thu May 17 16:12:54 2012 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Tue Apr 10 07:49:23 2012	
Calibrator Value:	1.0	GAPI
Background Reading:	1.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	5.5dig040201	
Tool Model:	Probe275Digital	
Performed:	Thu May 17 16:14:08 2012	
Depth:	5.29167	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:	-0.0294971	0.0136475	V
Reading in Free Pipe:	2.34156	2.25315	V
Gain:	30.3329	32.1147	
Offset:	0.894731	-0.438285	