PEAK WIRELINE SERVICES, INC.

DUAL SPACED CEMENT BOND LOG

Company PRONGHORN OPERATING, LLC.
Well EVAN #1
Field SPUR
County CHEYENNE
State COLORADO

Company	PRONGHORN OPERATING, LLC.
Well	EVAN #1
Field	SPUR
County	CHEYENNE
State	COLORADO

Location
1980' FNL & 1896' FEL
SW NE
SEC 7 TWP 14S RGE 44W

Other Services

Permanent Datum	GROUND LEVEL	Elevation
Log Measured From	KELLY BUSHING 11' AGL	
Drilling Measured From	KELLY BUSHING	

Elevation
K.B. 4295
D.F.
G.L. 4284

Date	8-4-2014		
Run Number	ONE		
Depth Driller	5495		
Depth Logger	5364		
Bottom Logged Interval	5360	2740	
Top Log Interval	3990	1650	
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-7		
Location	CHEYENNE WELLS, CO.		
Recorded By	HENDERSON		
Witnessed By	JOSH KLIESEN		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	17 1/2"	0	445				
TWO	12 1/2"	445	1558				
THREE	7 7/8"	1558	5495				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	13 3/8"	54#	0	445
Prot. String				
Production String	5 1/2"	15.5#	0	5379
Liner				

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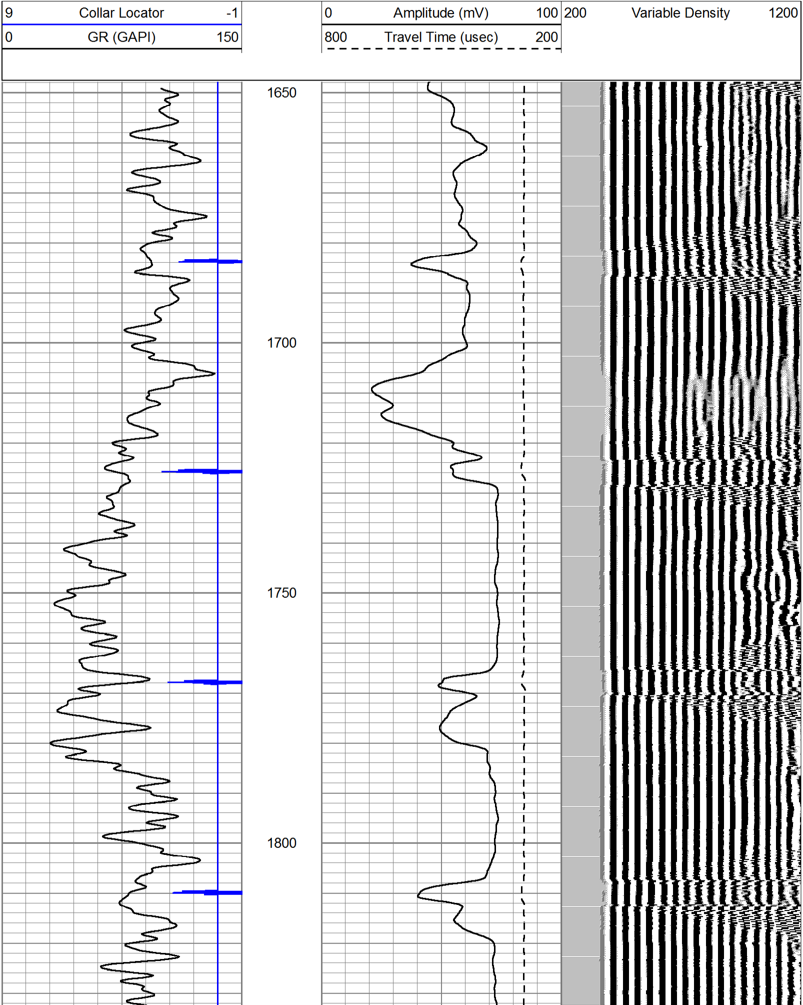
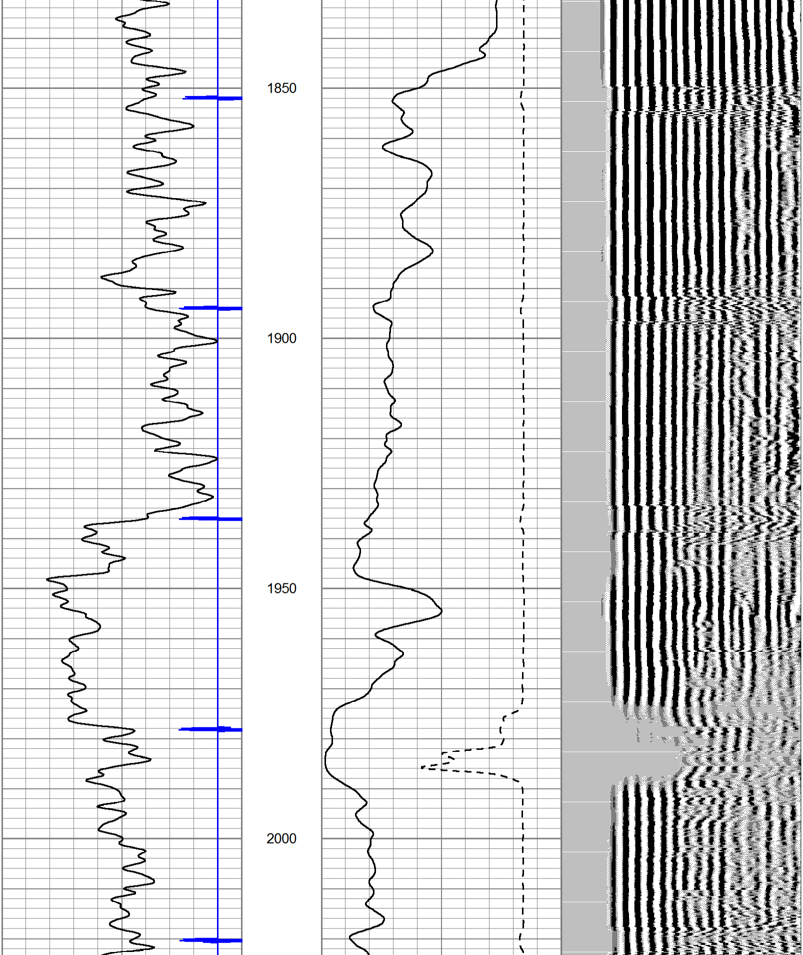
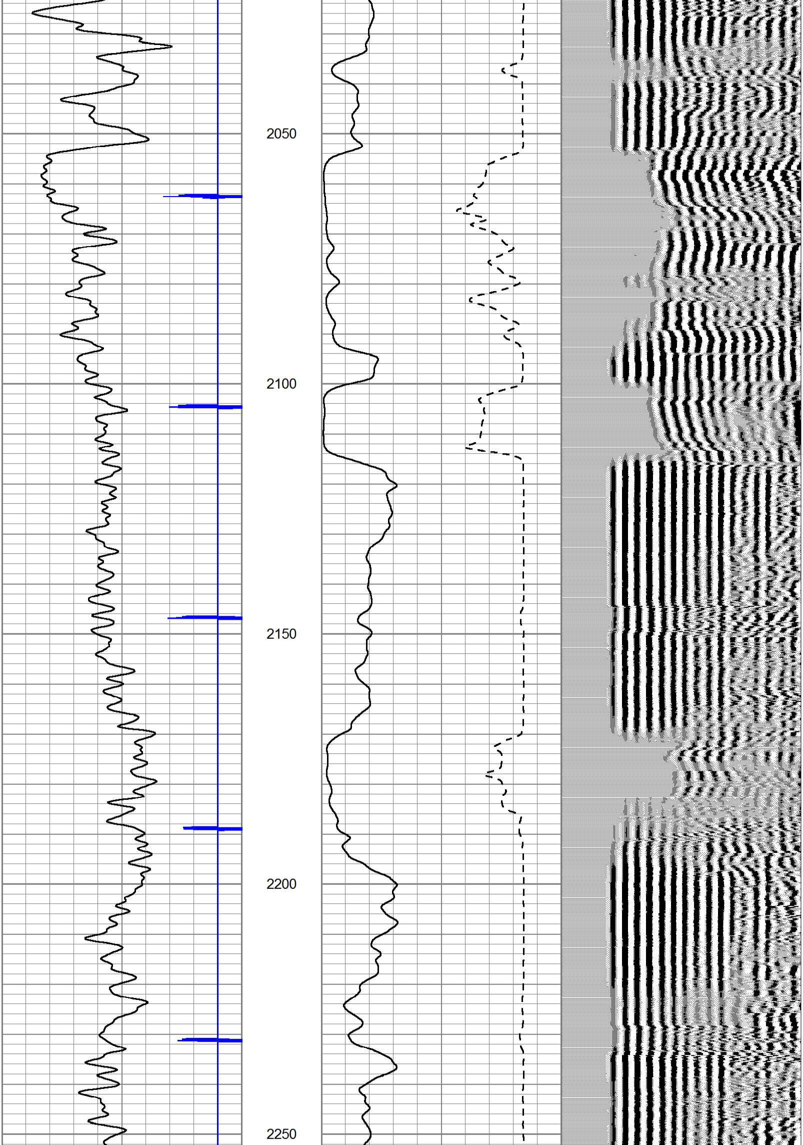
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

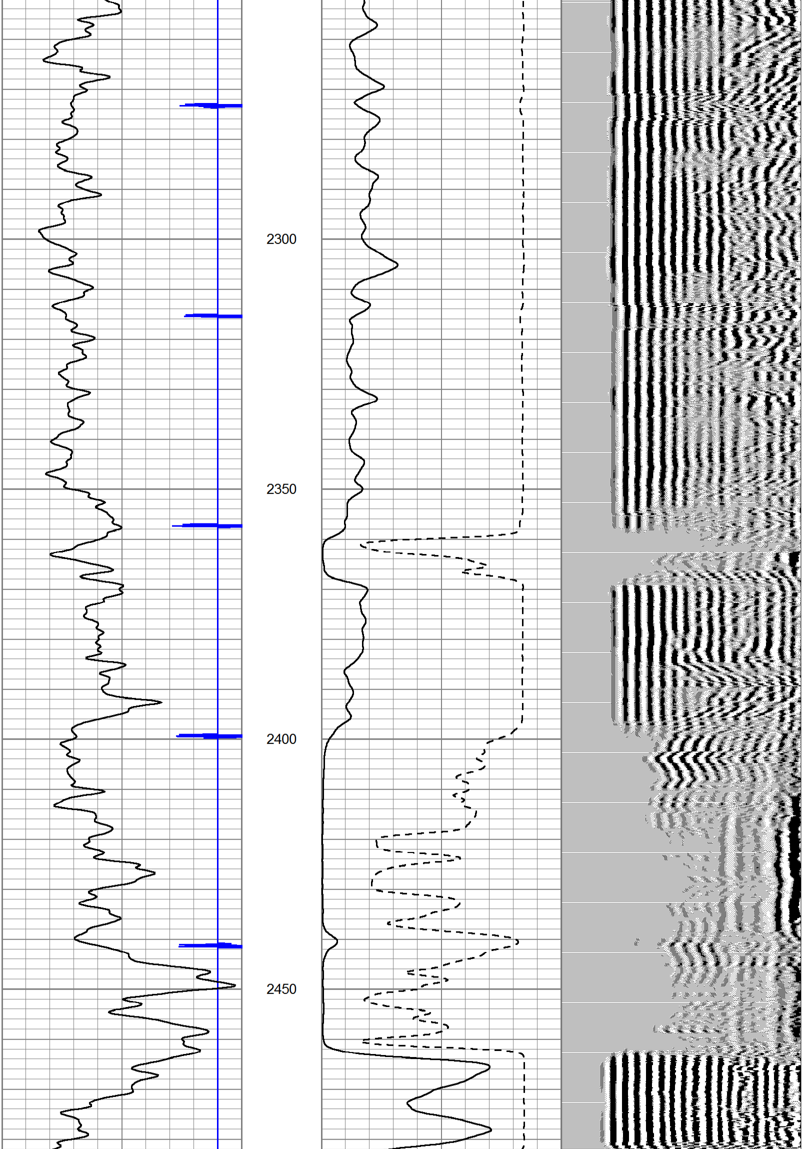
Comments

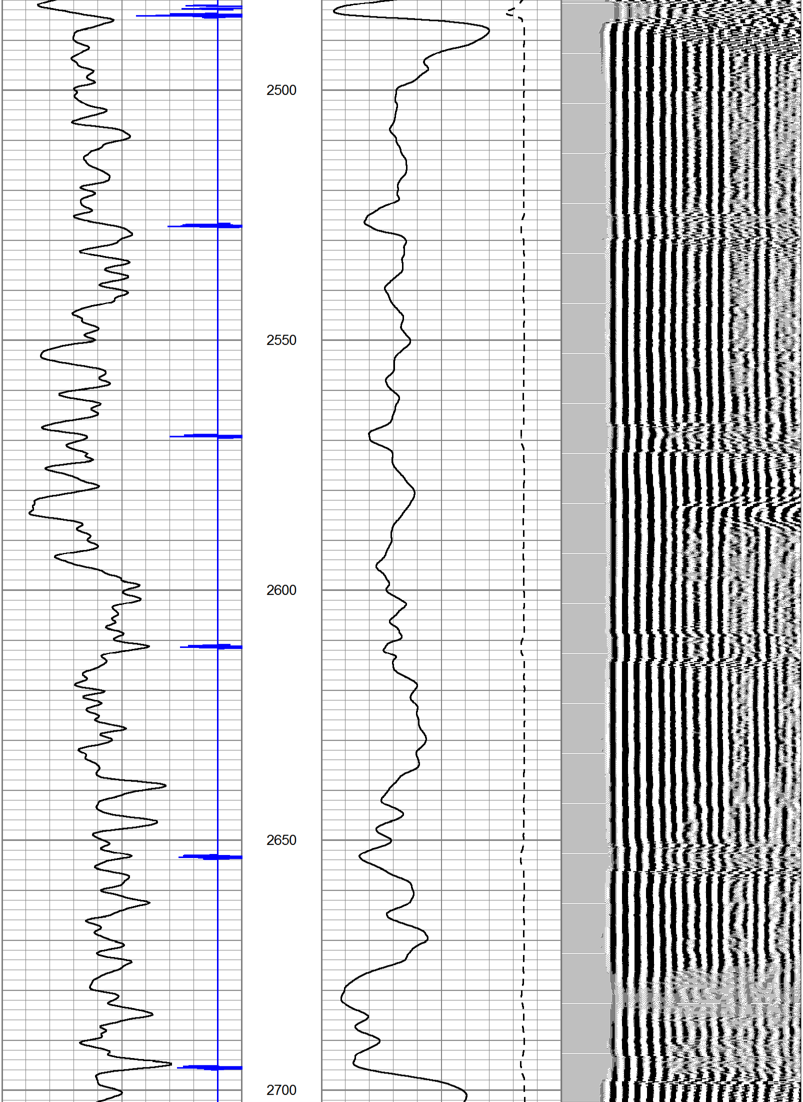
Database File: d:\evan .db
Dataset Pathname: 1/run1/pass4
Presentation Format: cbldig
Dataset Creation: Fri Aug 08 06:22:04 2014 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

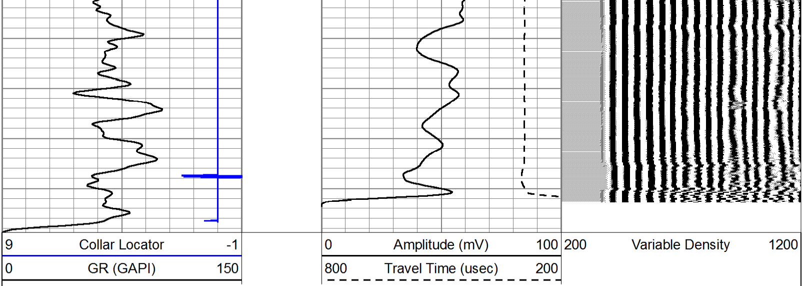




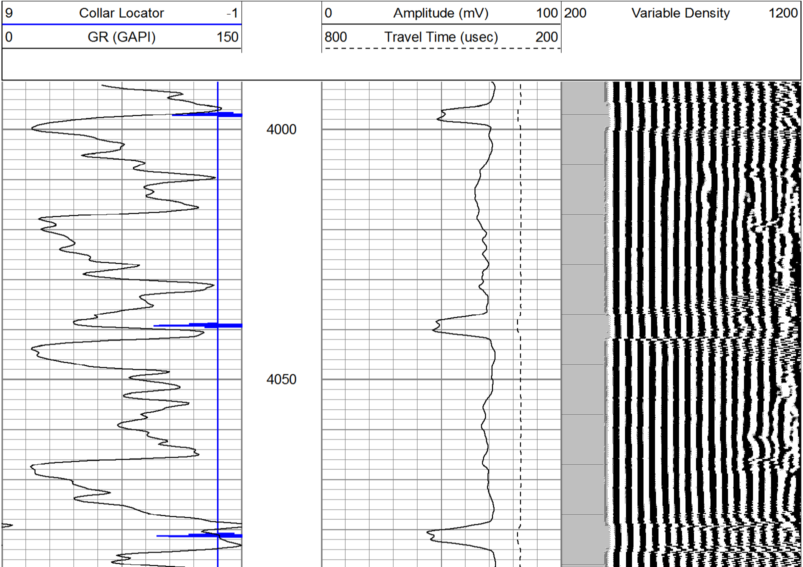


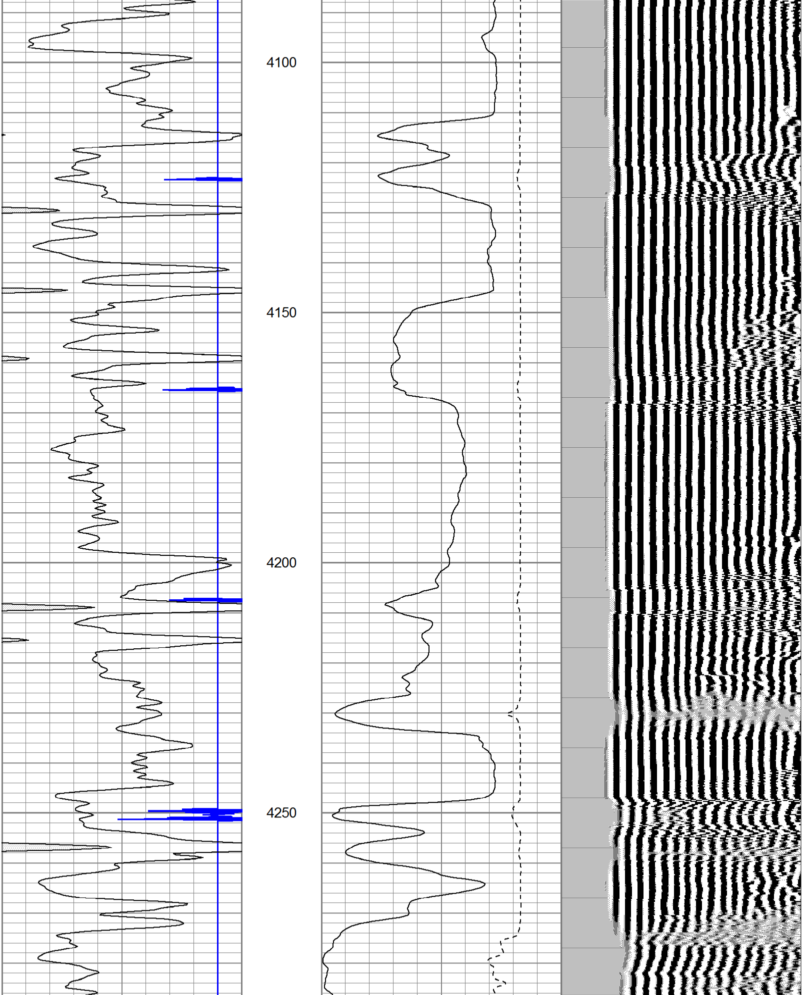


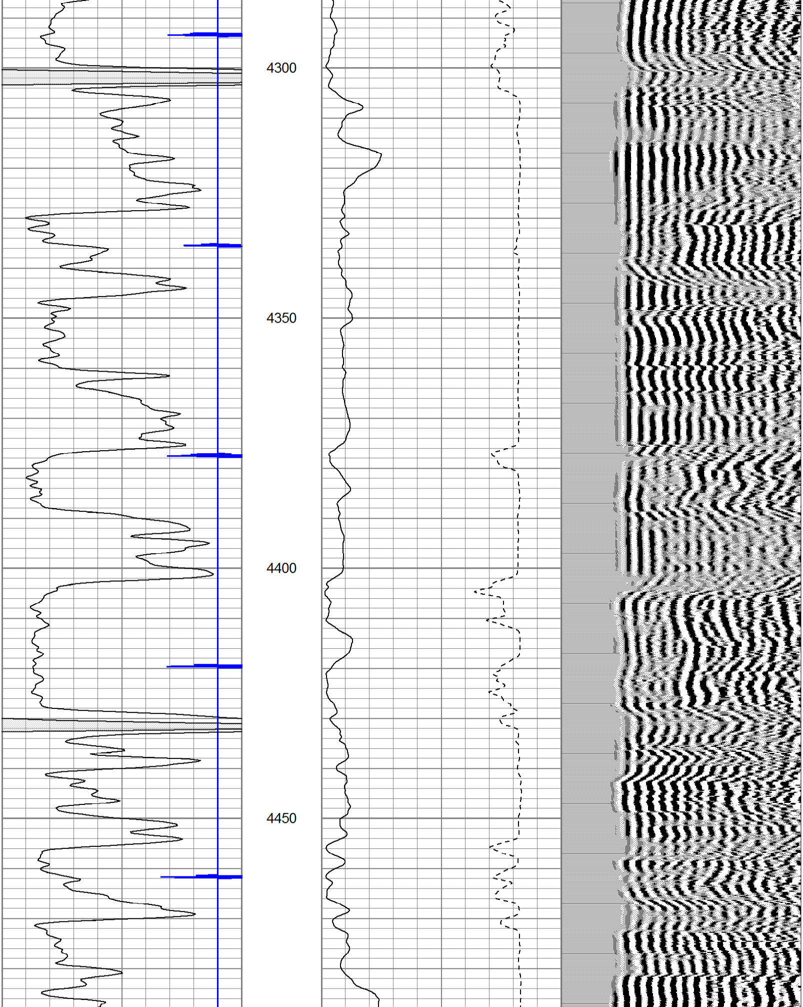


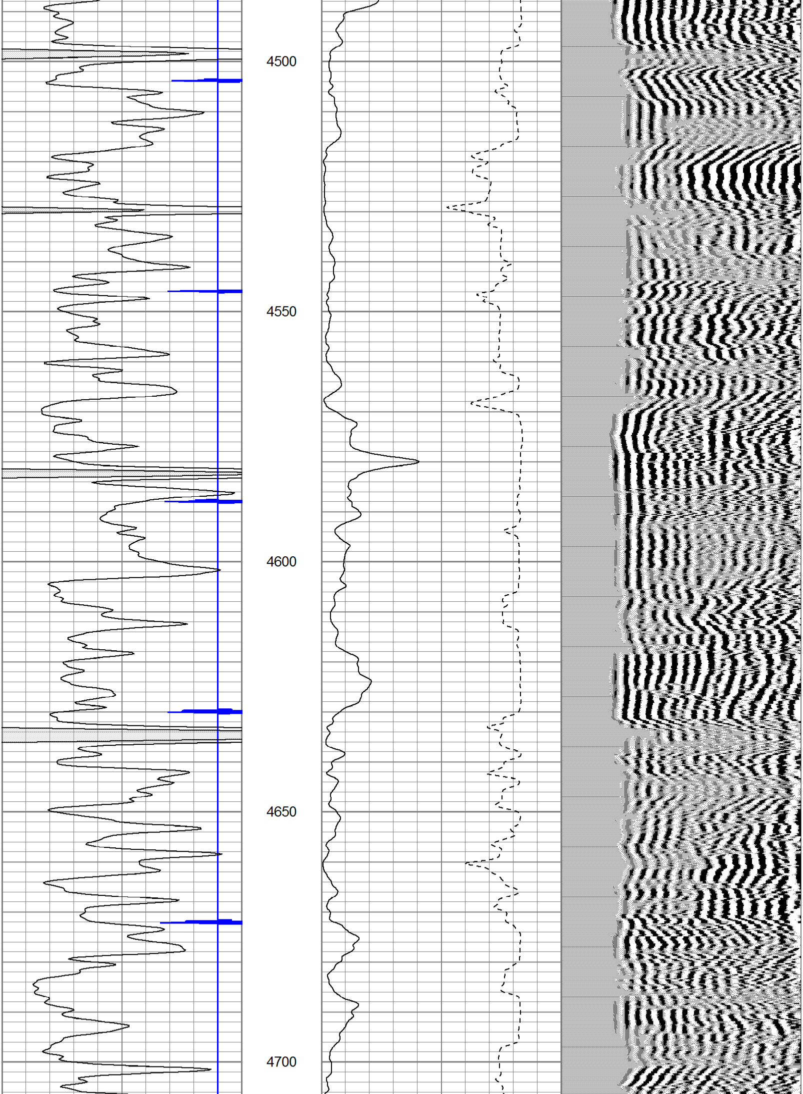


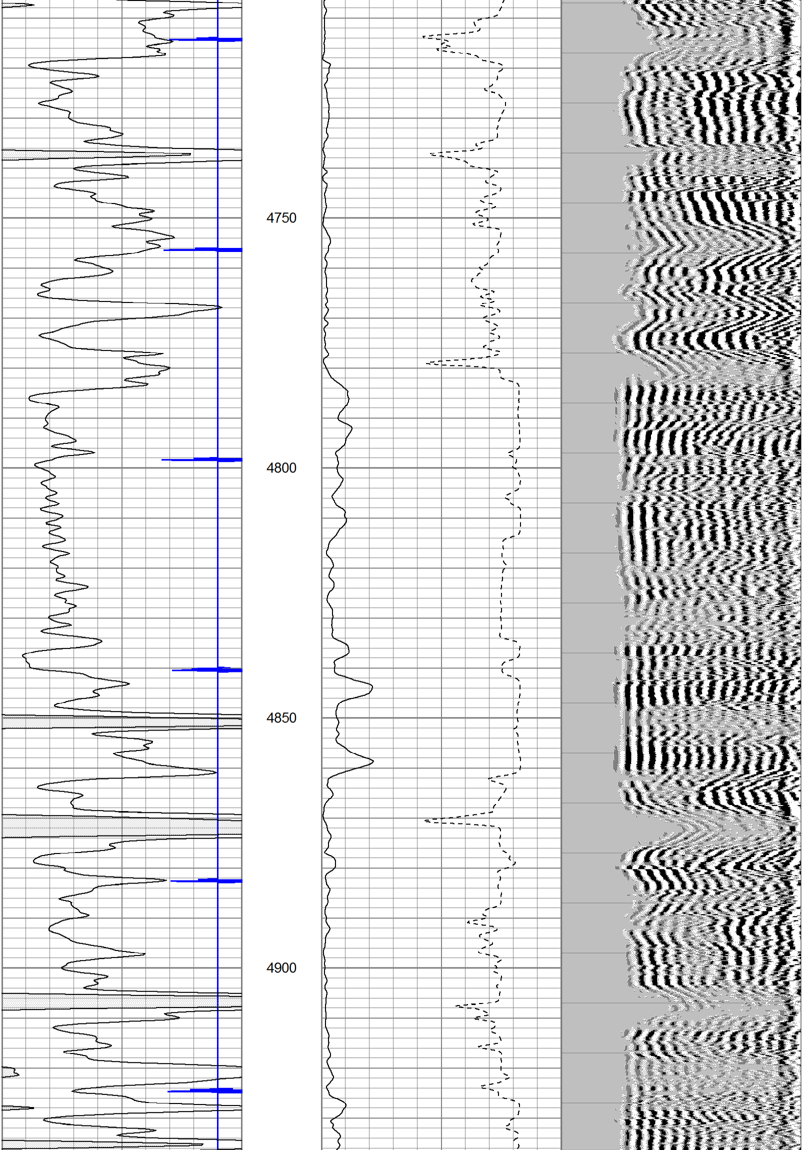
Database File: d:\evan .db
Dataset Pathname: 1/run1/pass2
Presentation Format: cbldig
Dataset Creation: Wed Aug 06 08:05:27 2014 by Log Std Casedhole 07081
Charted by: Depth in Feet scaled 1:240

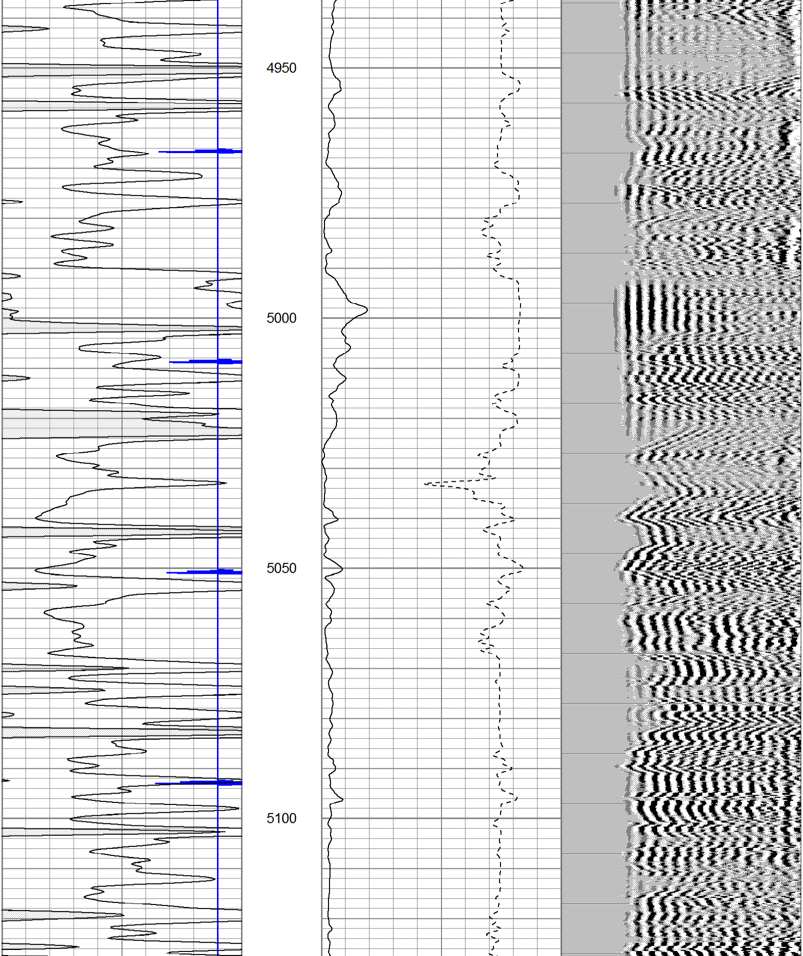


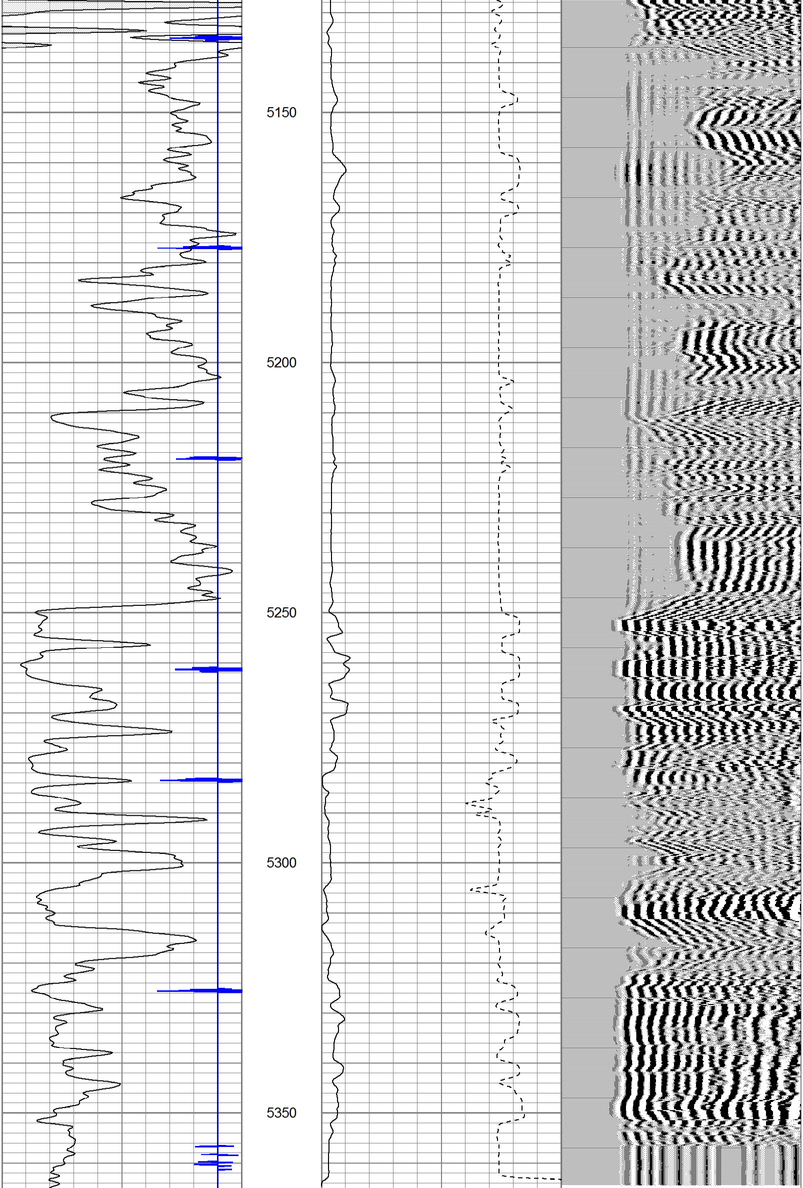


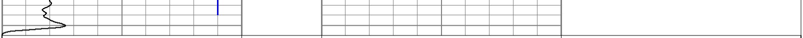








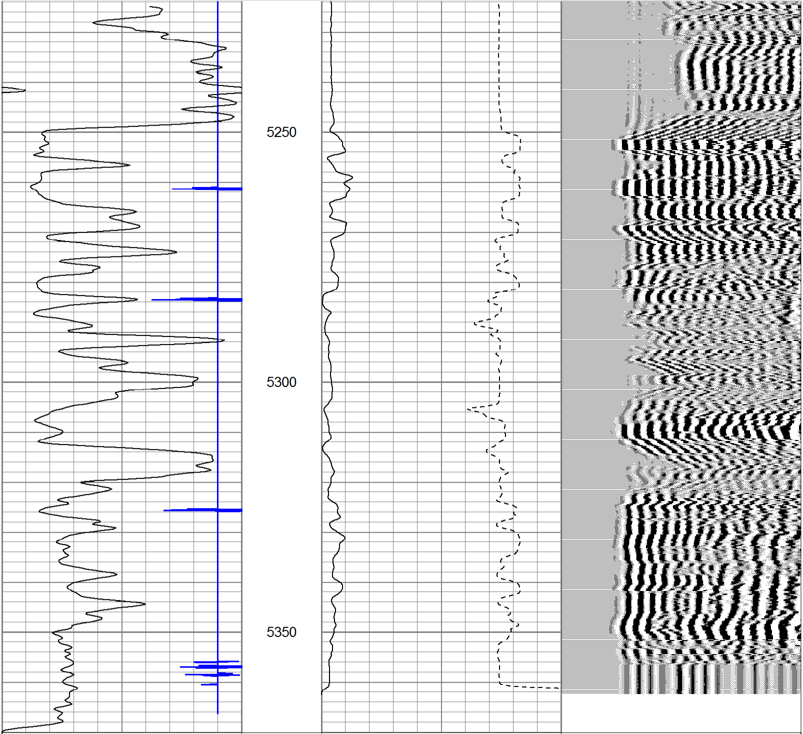




9	Collar Locator	-1	0	Amplitude (mV)	100	200	Variable Density	1200
0	GR (GAPI)	150	800	Travel Time (usec)	200			

Database File:	d:\evan .db
Dataset Pathname:	1/run1/pass1
Presentation Format:	cbldig
Dataset Creation:	Wed Aug 06 08:01:10 2014 by Log Std Casedhole 07081
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			



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

Calibration Report

Database File: D:\evan .db
Dataset Pathname: 1/run1/pass3
Dataset Creation: Wed Aug 06 08:38:46 2014 by Log Std Casedhole 07081

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Wed Aug 06 09:04:30 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.9000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	5.5dig040201	
Tool Model:	Probe275Digital	
Performed:	Wed Aug 06 08:52:51 2014	
Depth:	2190.97	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:	0.00302734	0.00273438	V
Reading in Free Pipe:	2.06577	2.00063	V
Gain:	34.7455	35.9983	
Offset:	0.144814	-0.0984328	