

Patterson

**CEMENT BOND
GAMMA RAY**

Company XTO Energy Inc.
Well Apache Canyon 13-6
Field Purgatorie River
County Las Animas
State CO

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Well Apache Canyon 13-6
Field Purgatorie River
County Las Animas State CO

Location:	2063' FNL & 1456' FWL		Other Services
Permanent Datum	Ground Level	Elevation 8190'	
Log Measured From	Ground Level		
Drilling Measured From	Ground Level		

Date	2/13/06					
Run Number	two					
Depth Driller	2340'					
Depth Logger	951'					
Bottom Logged Interval	947'					
Top Log Interval	50'					
Open Hole Size	7 7/8"					
Type Fluid	water					
Density / Viscosity	///					
Max. Recorded Temp.	///					
Estimated Cement Top	818'					
Time Well Ready	8:05					
Time Logger on Bottom	8:13					
Equipment Number	T244					
Location	Trinidad					
Recorded By	Worley					
Witnessed By	Mr. Polley					
Borehole Record						
Run Number	Bit	From	To	Size	Weight	To
Tubing Record						
Casing Record	Size	Wgt/Ft	Top	Bottom		
Surface String	8 5/8"		00	205'		
Prot. String						
Production String	5 1/2"		00	NA		
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

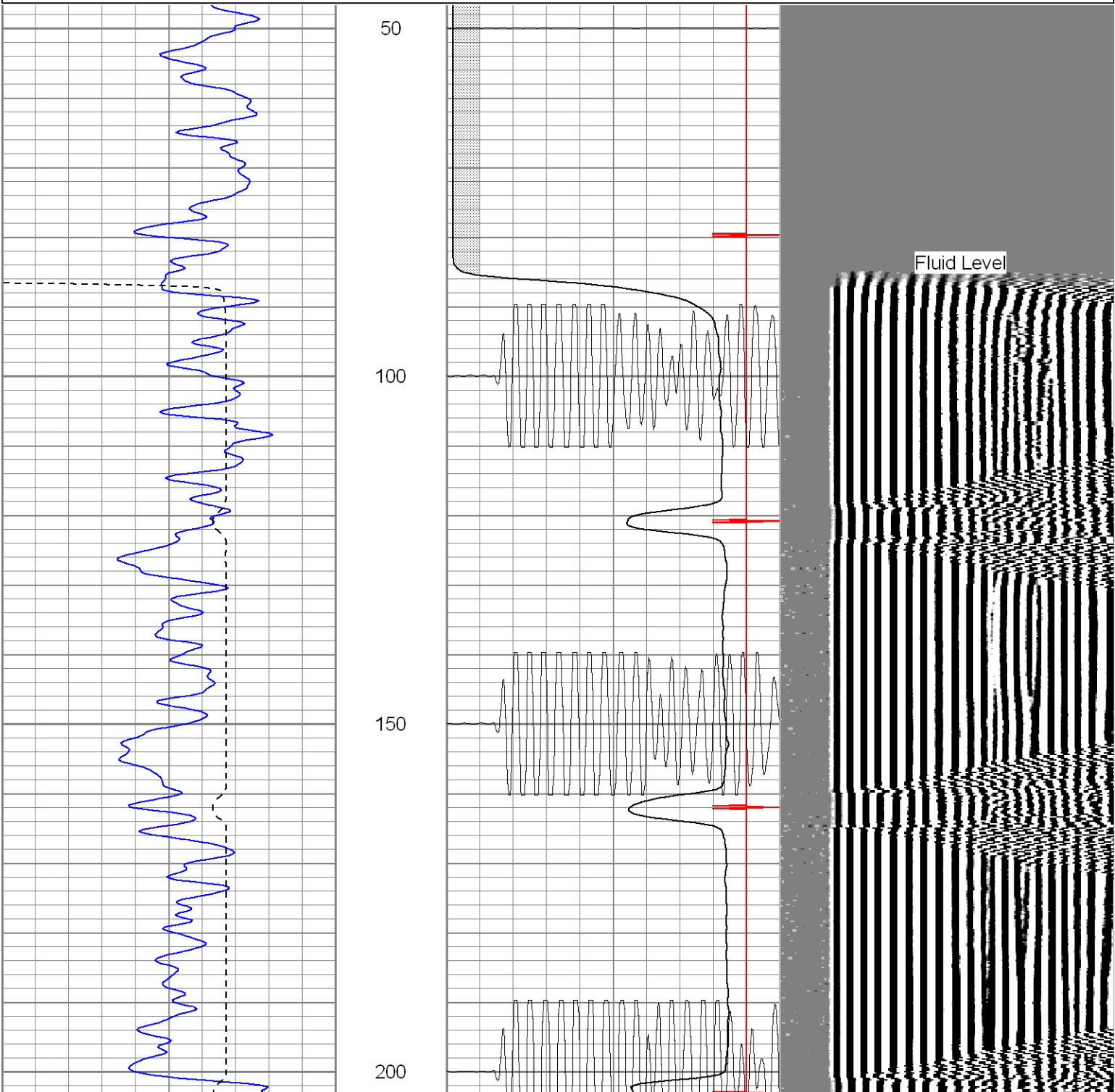
Big Bingham, First Left Thru Double Green Gates, Drive Thru Apache Canyon 13-12,
Take Next Right Dead End On Location.

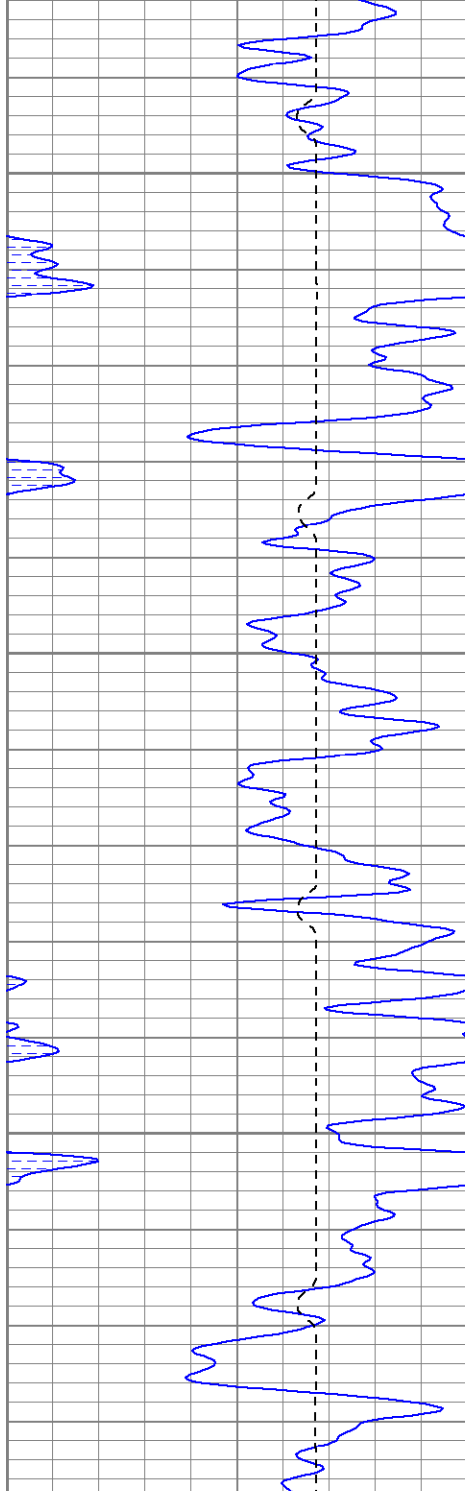
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Main Pass

Database File: ac13-6b21306.db
Dataset Pathname: pass1.2
Presentation Format: cblrt
Dataset Creation: Mon Feb 13 08:43:49 2006 by Calc Warrior 7.0 STD Cas
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	200	0	AMP3 (mV)	100	200	Variable Density	1200
400	TT3 (usec)	200	18	CCL	-2			
			200	CBL5	1200			

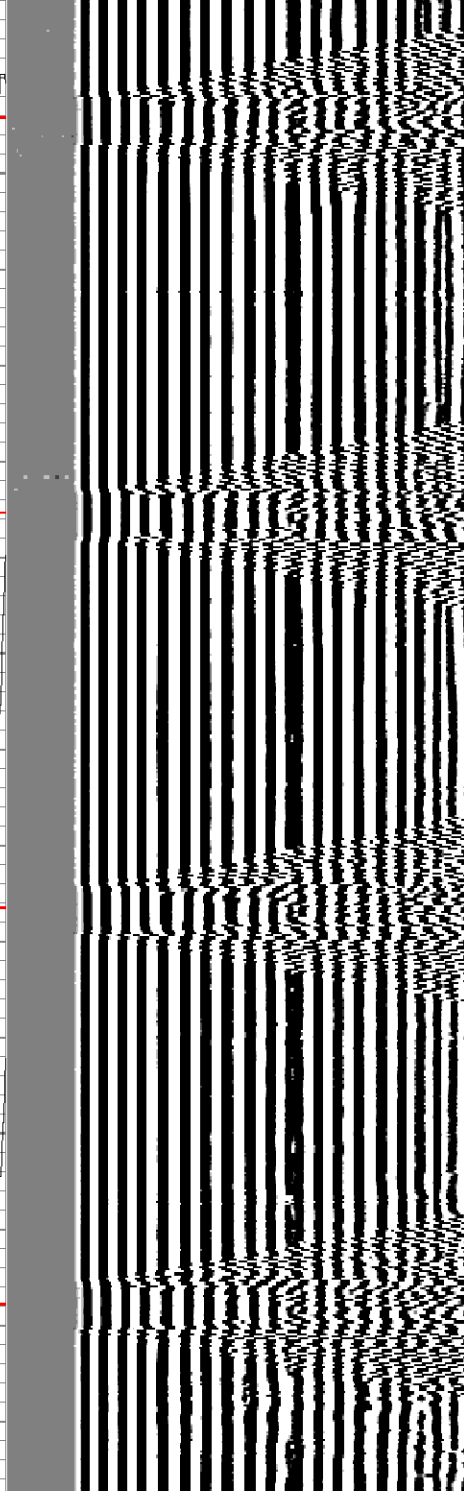
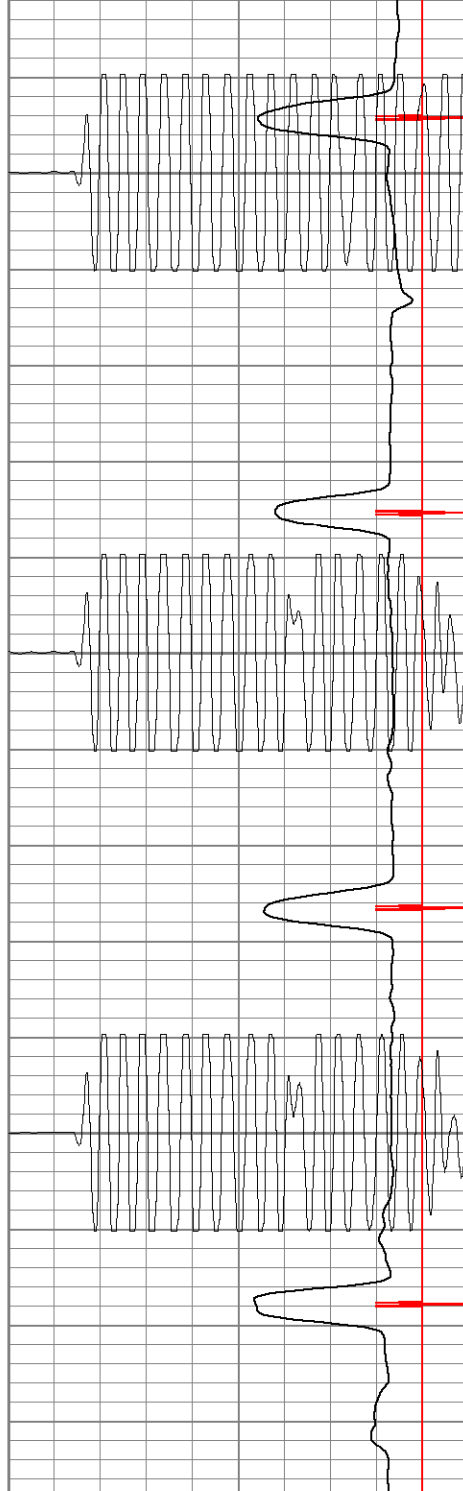


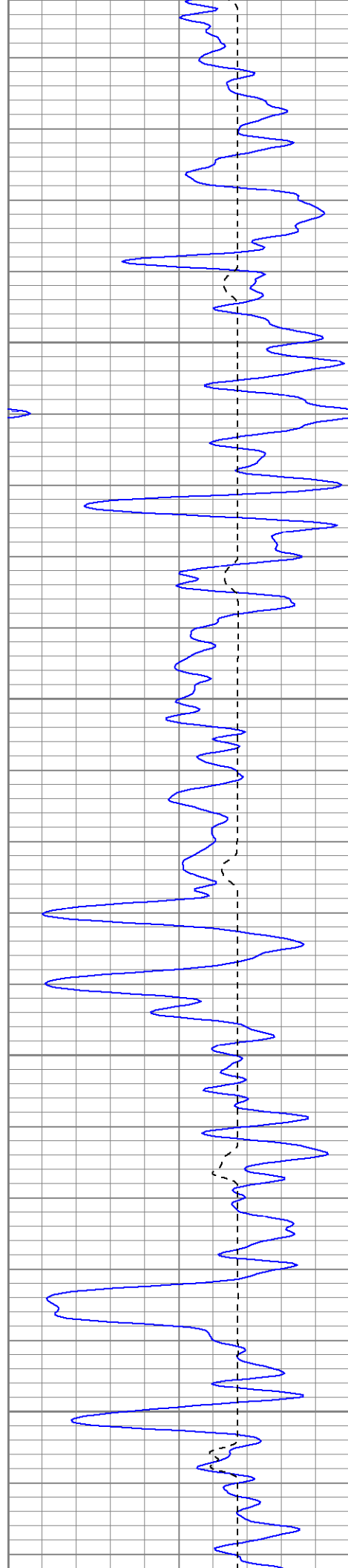


250

300

350



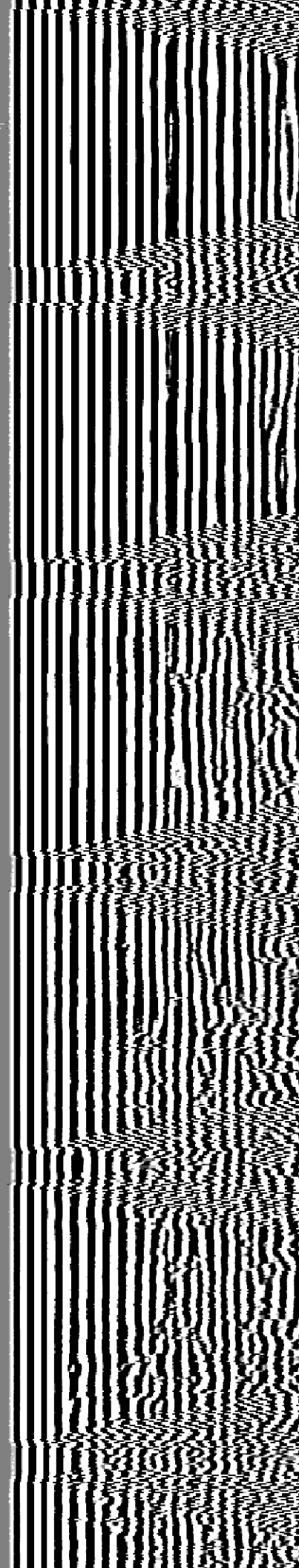


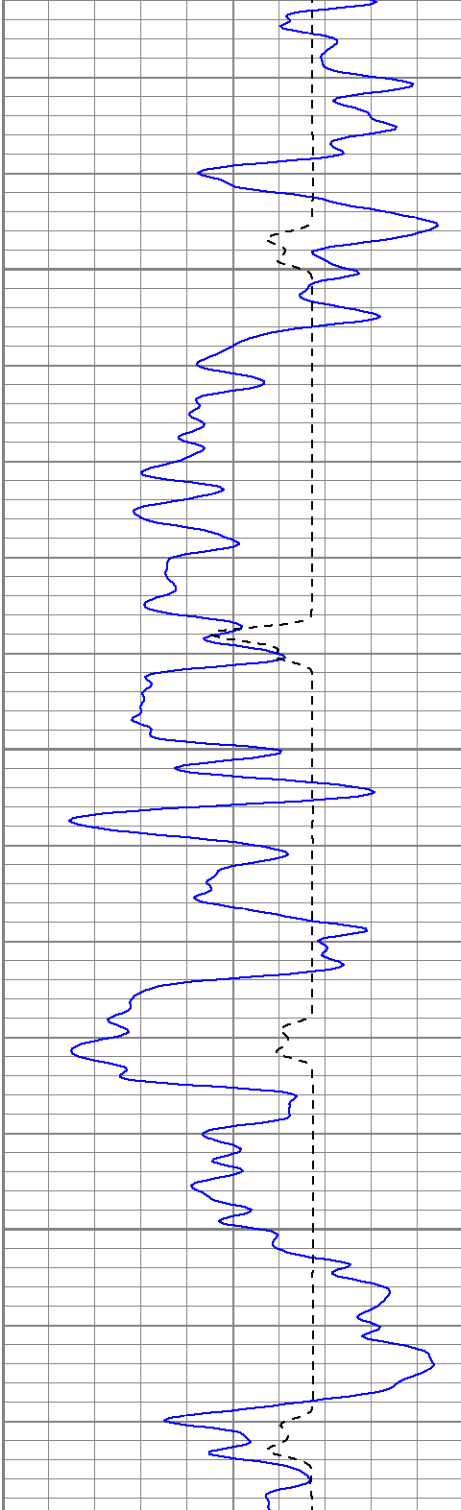
500

550

600

650



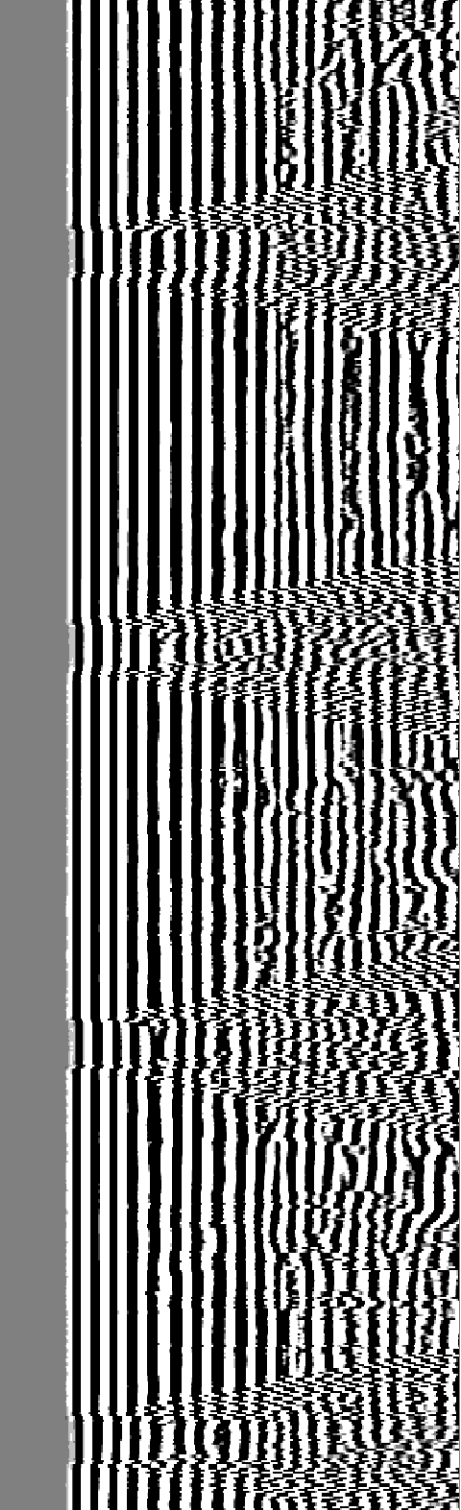
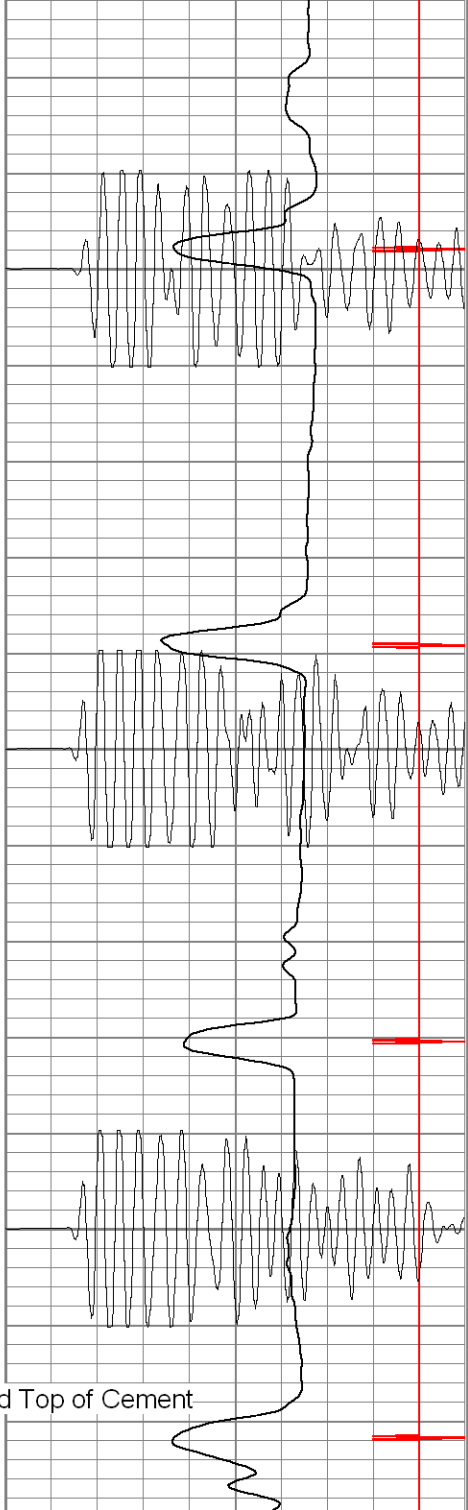


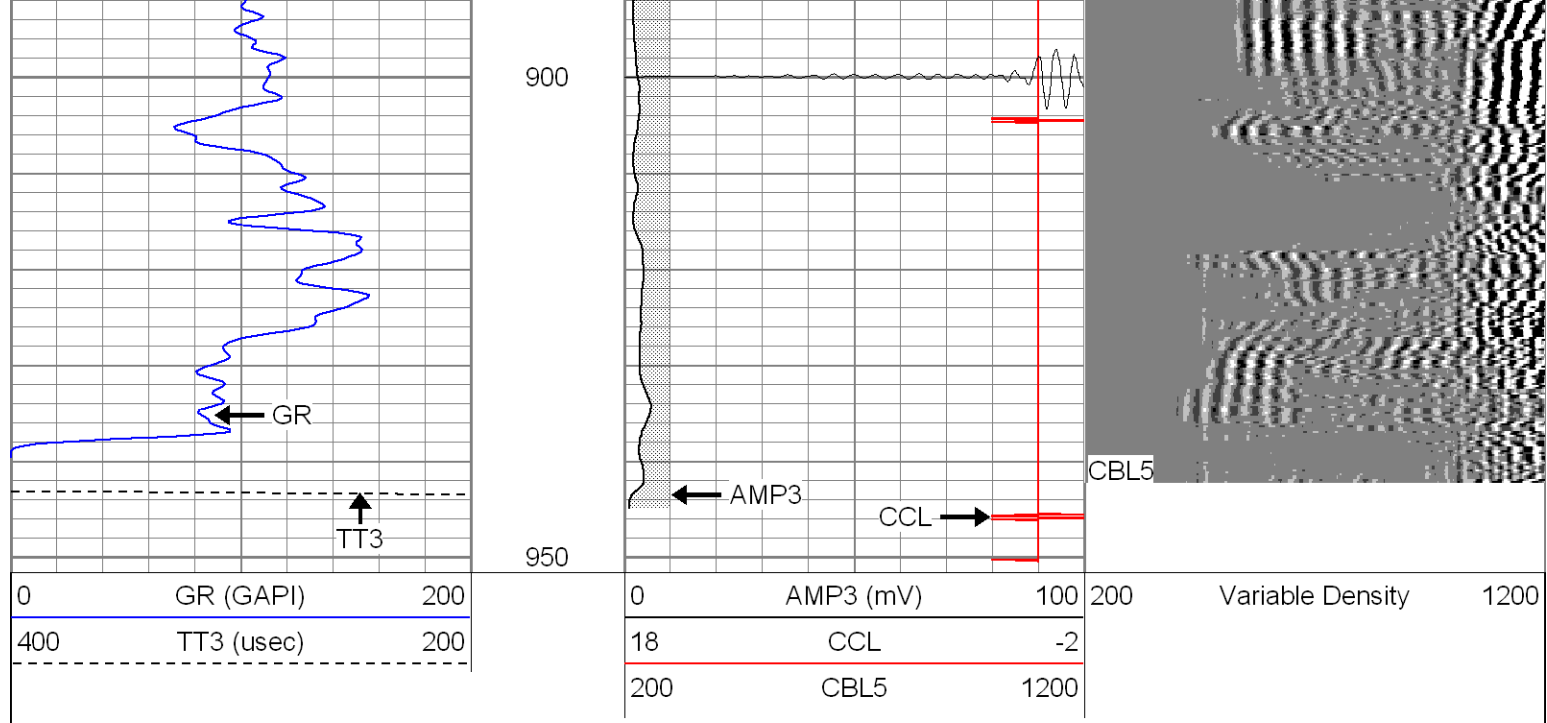
700

750

800

Estimated Top of Cement





Cement Bond Log Calibration Report

Serial Number: Titan5
Tool Model: 2
Performed: Mon Feb 13 08:19:13 2006

Depth: 0 - 1200 ft