NABORS COMPLETION & PRODUCTION SERVICES CO.

GAMMA RAY CCL
CEMENT BOND VDL

Company	NOBLE ENERGY INC.
Well	LITTLE WILL 2-25
Field	WATTENBERG
County	WELD
State	COLORADO

Company	**NOBLE ENERGY INC.**		
Well	**LITTLE WILL 2-25**		
Field	**WATTENBERG**		
County	**WELD**	**State**	**COLORADO**

Location: API #: 0512311419

NW/SE

SEC 25 TWP 6N RGE 65W

Other Services

Permanent Datum	GL	Elevation	
Log Measured From			
Drilling Measured From			

Elevation

K.B.
D.F.
G.L.

Date	JULY 28, 2014		
Run Number	ONE		
Depth Driller			
Depth Logger	6000		
Bottom Logged Interval	6000		
Top Log Interval	3000		
Open Hole Size			
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	3205		
Time Well Ready	ENSIGN RIG		
Time Logger on Bottom	2-3/4 PROBE		
Equipment Number	4838		
Location	45		
Recorded By	GREG NOLAN		
Witnessed By	CHRIS HOHNSTEIN		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4-1/2			
Liner				

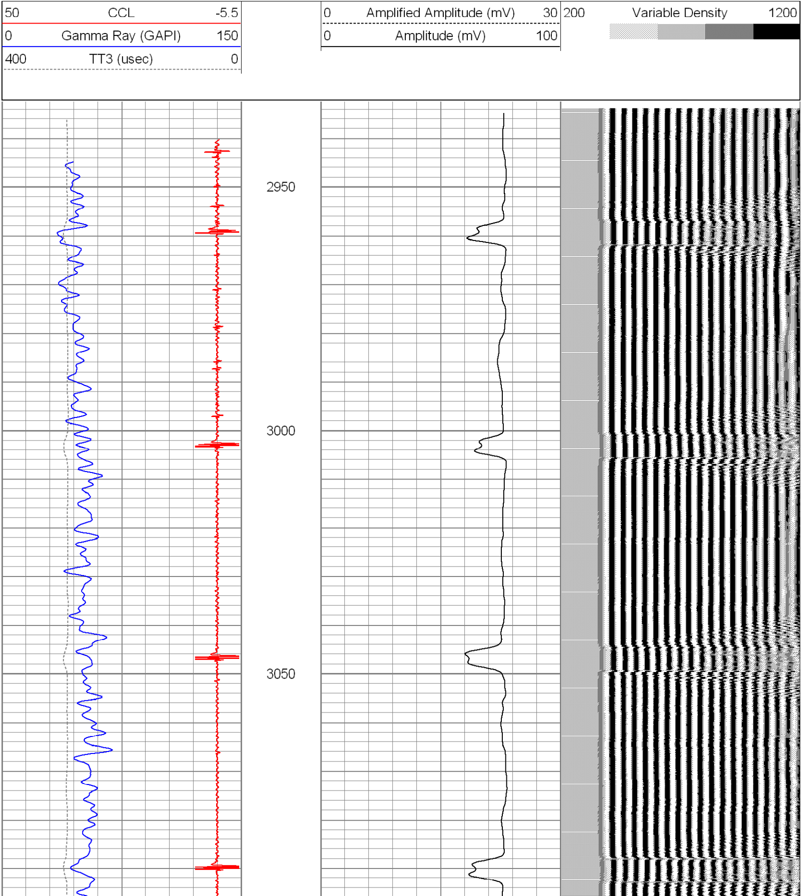
<<< Fold Here >>>

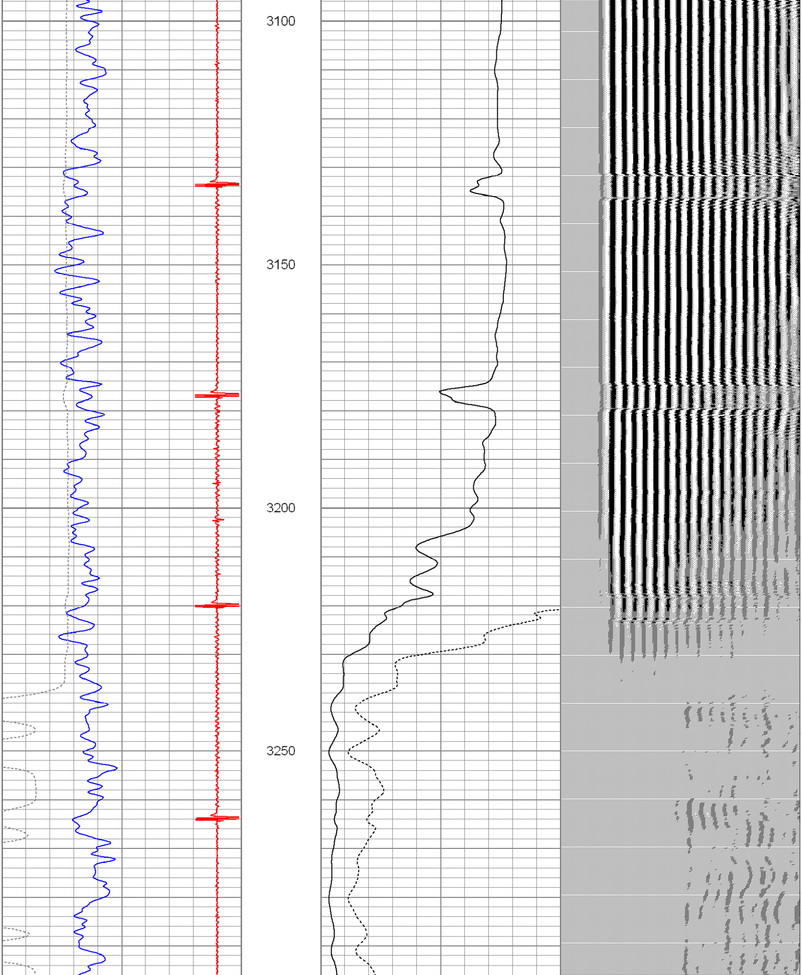
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

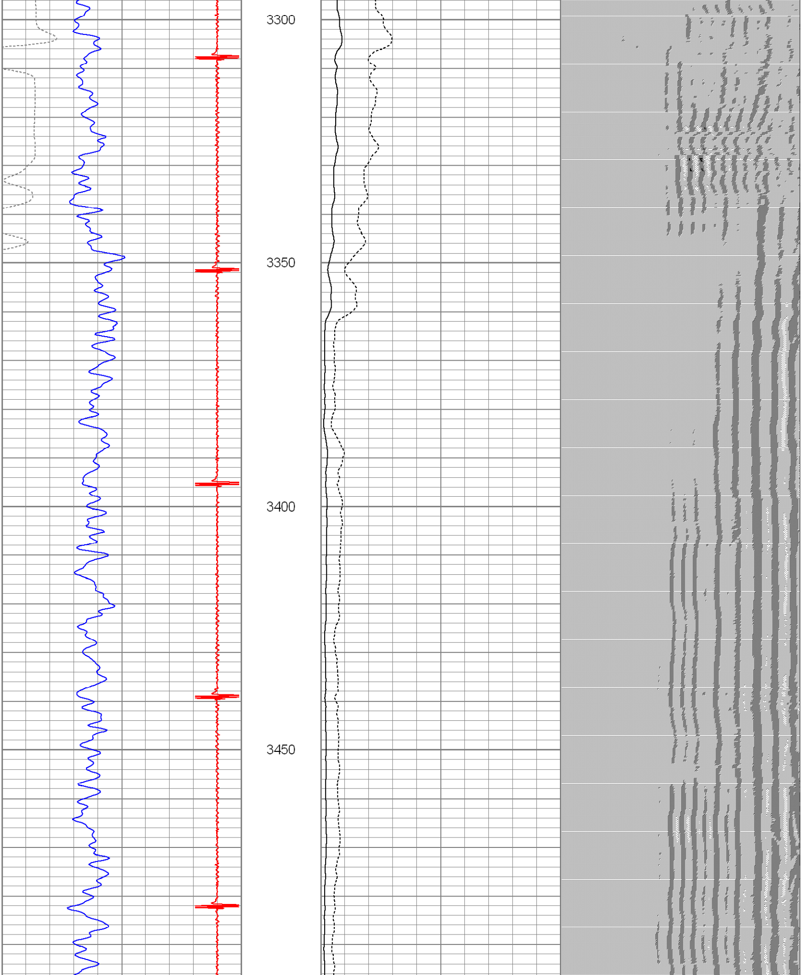
Comments

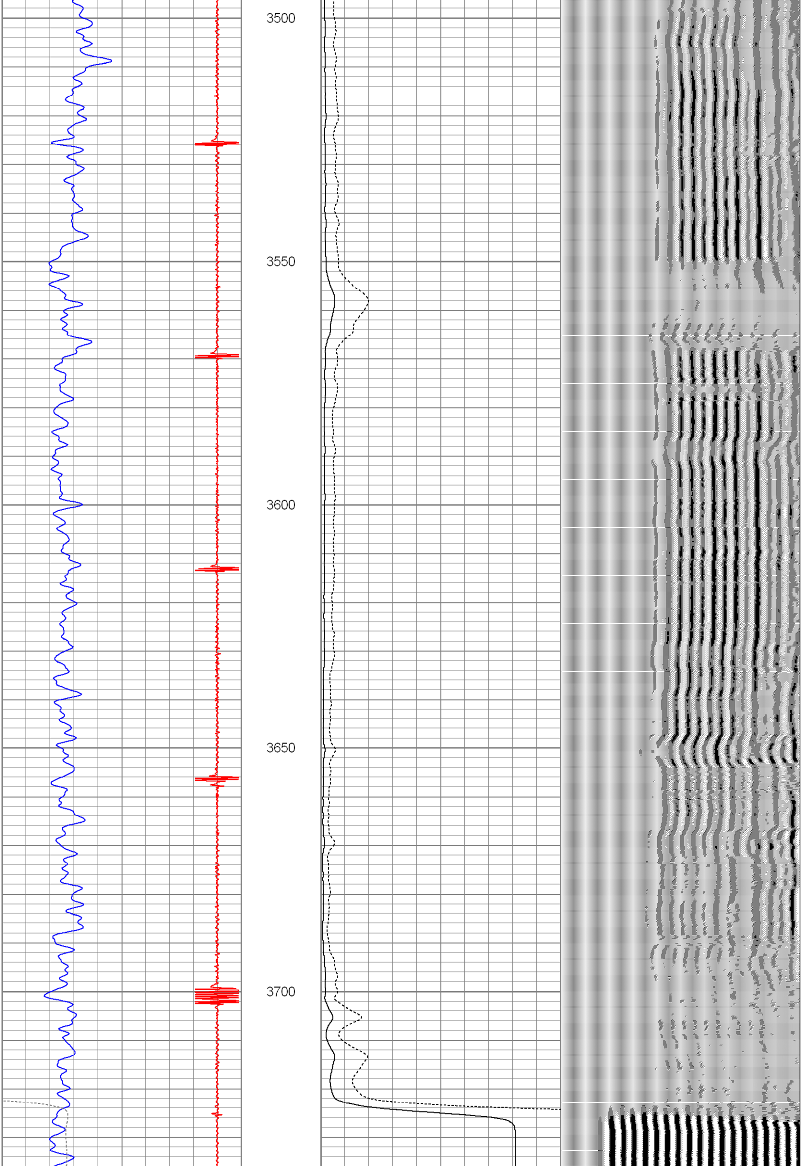
THANK YOU FOR CHOOSING NCPS!!!!!!
LOG NOT CORRELATED
WCR 49 & WCR 64, W.5, N.2, E INTO

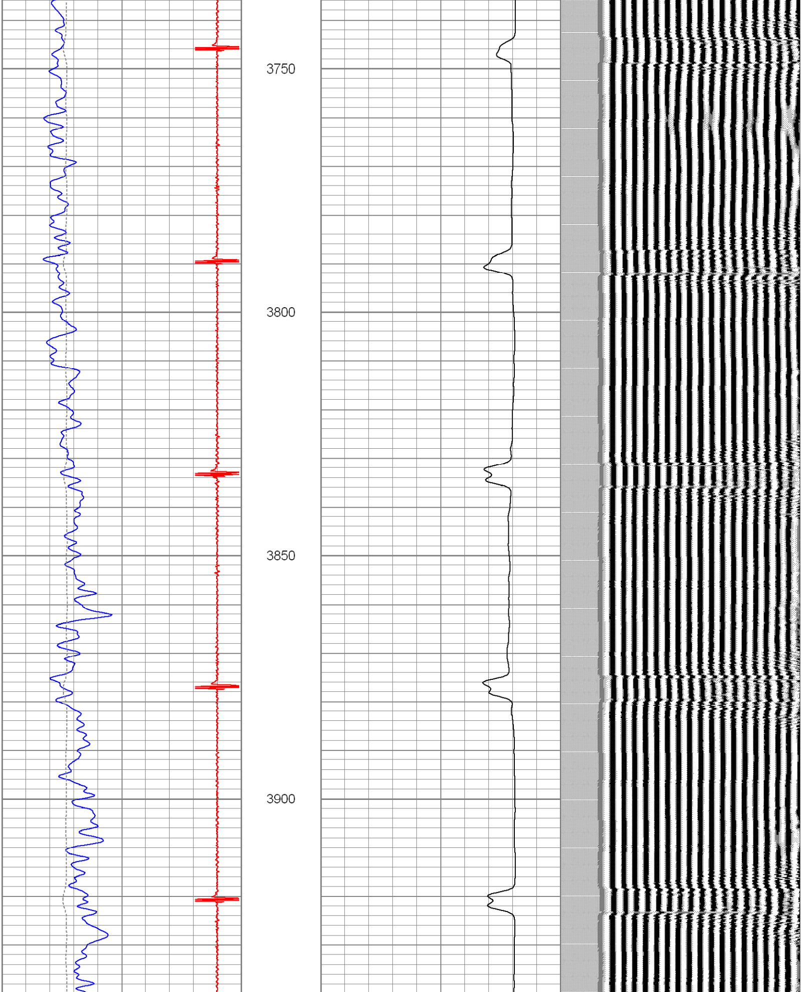
Database File:	cbl noble little will 2-25.db
Dataset Pathname:	pass3
Presentation Format:	noble en
Dataset Creation:	Mon Jul 28 07:59:48 2014 by Log SCH 120430
Charted by:	Depth in Feet scaled 1:240

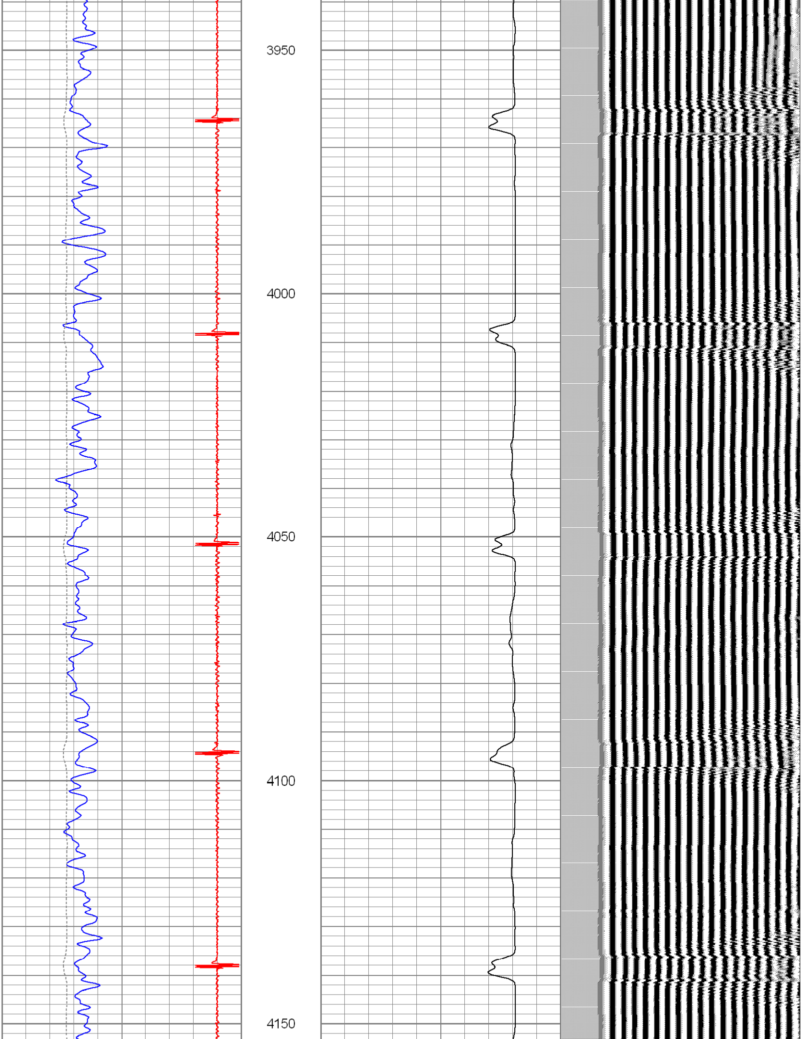


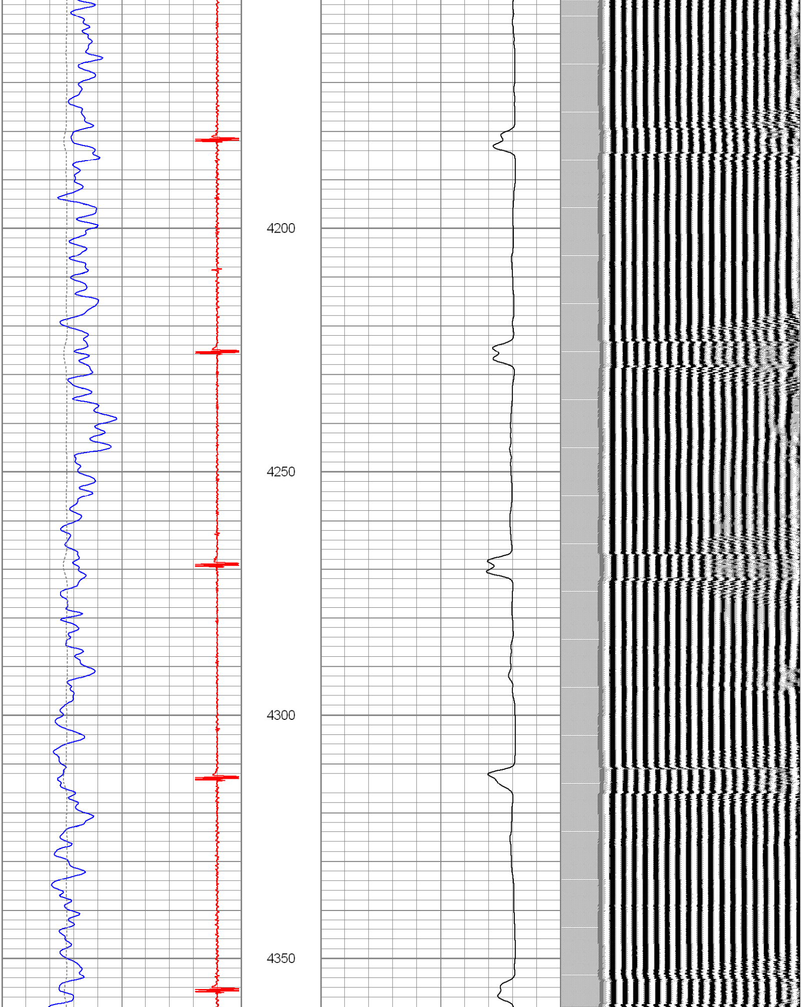


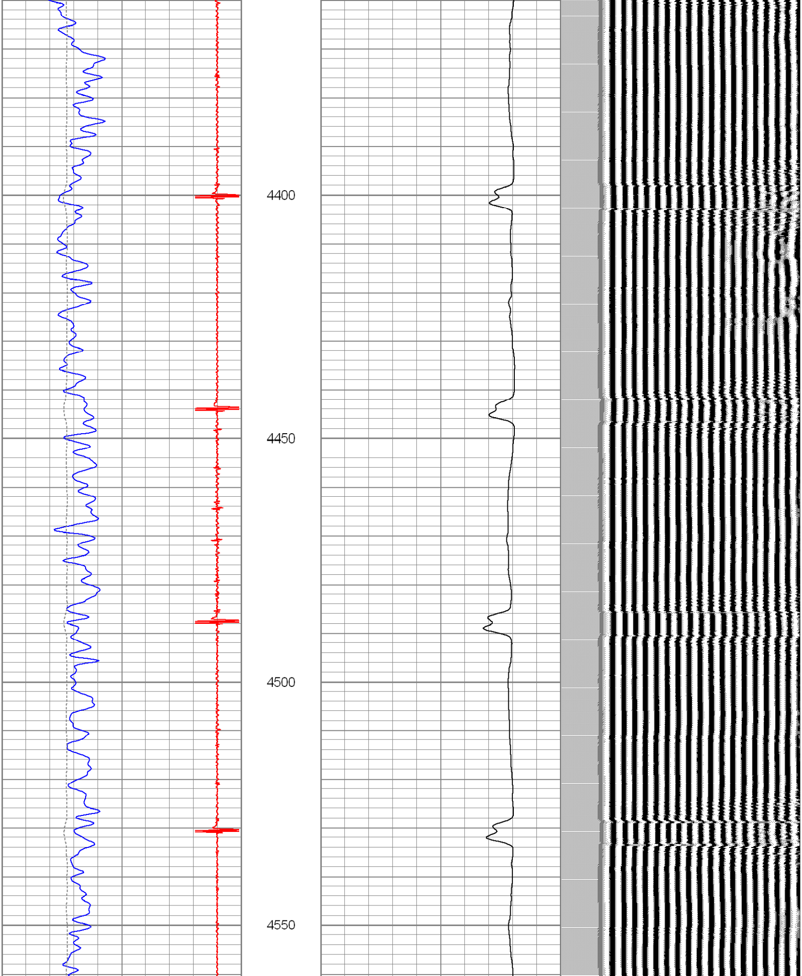


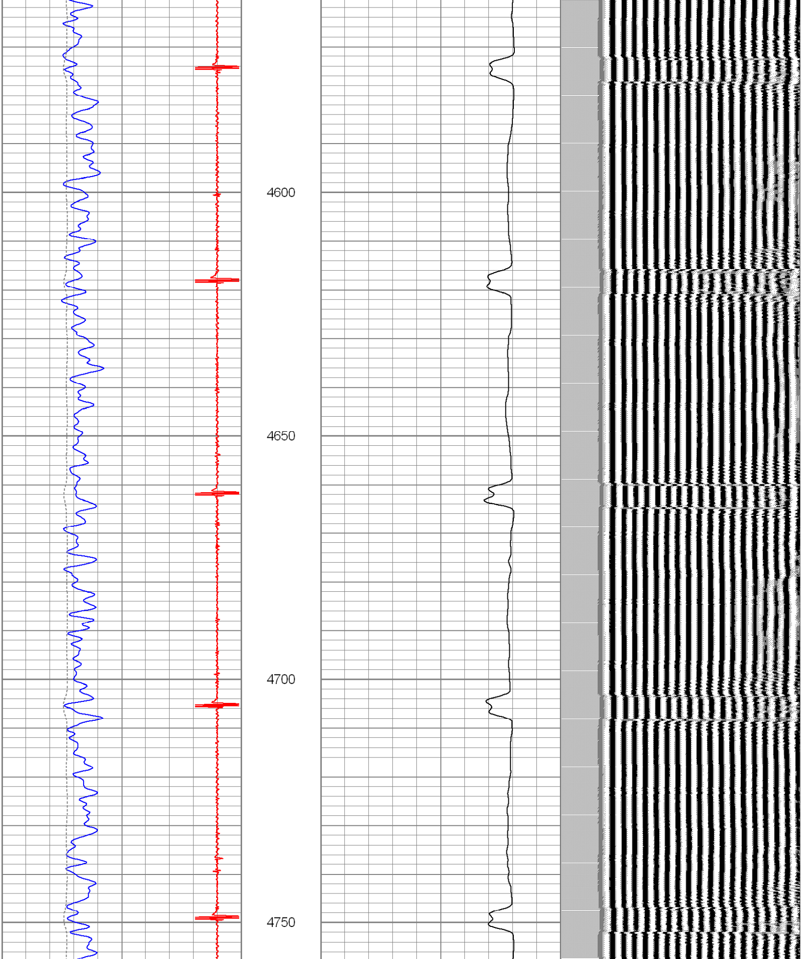


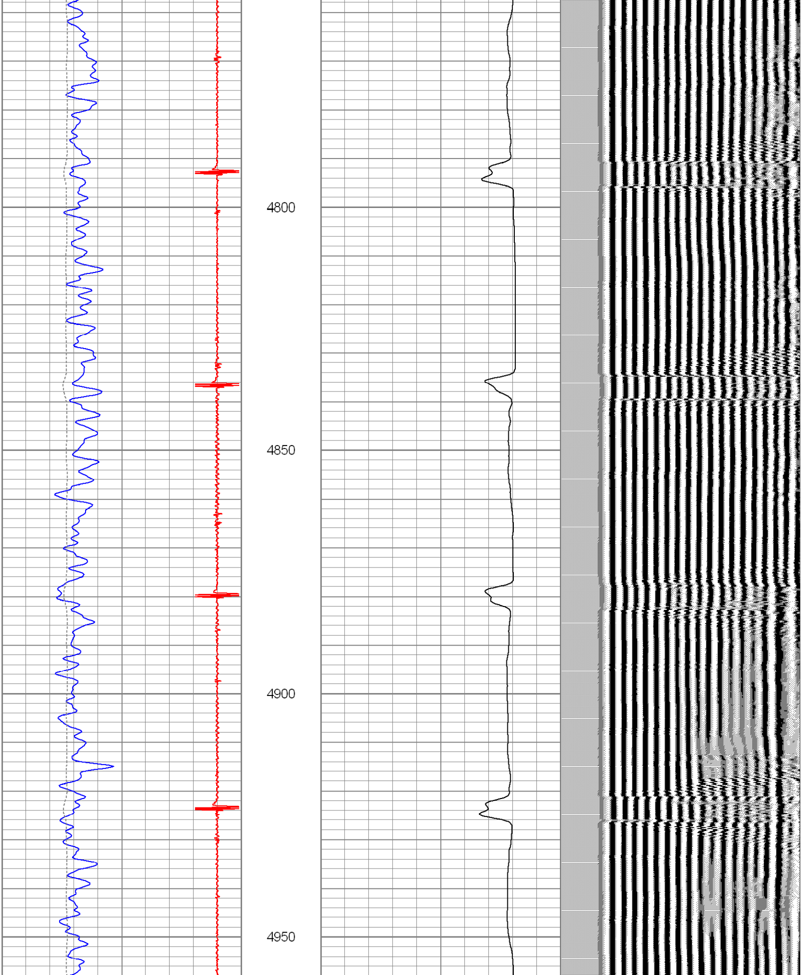


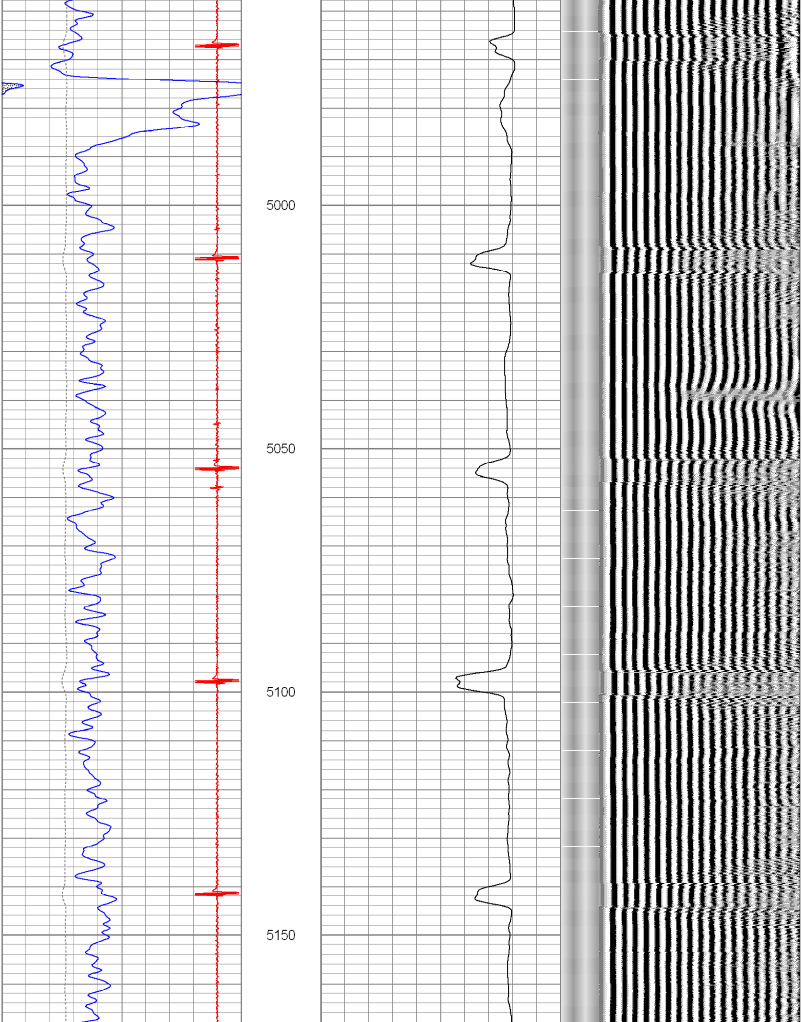


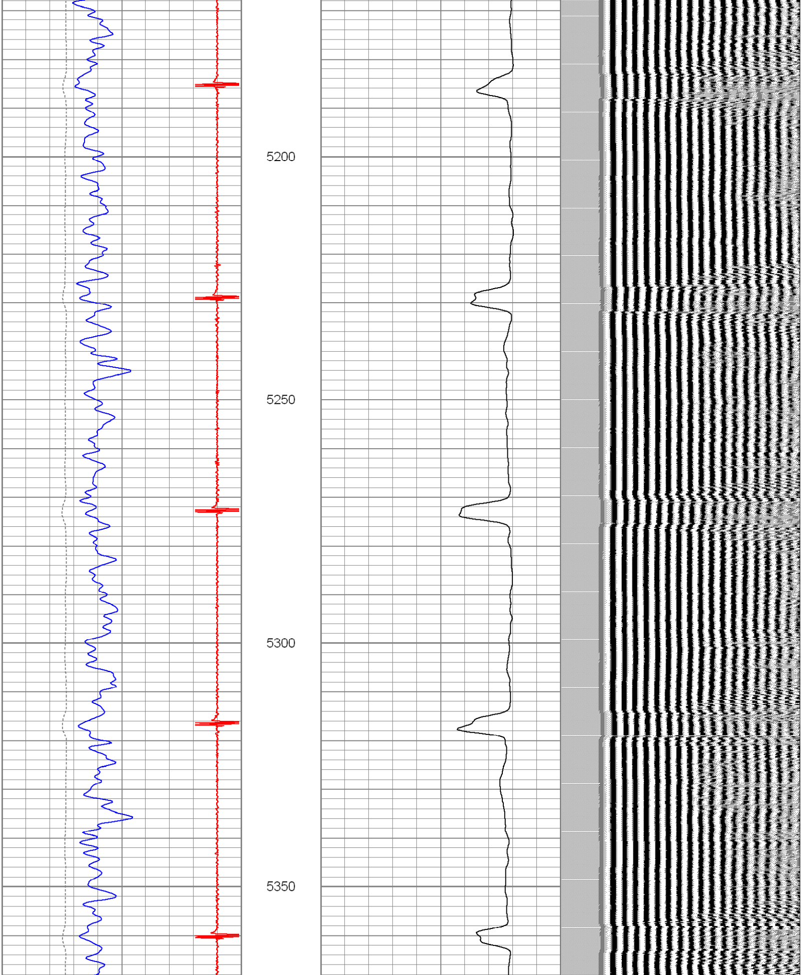


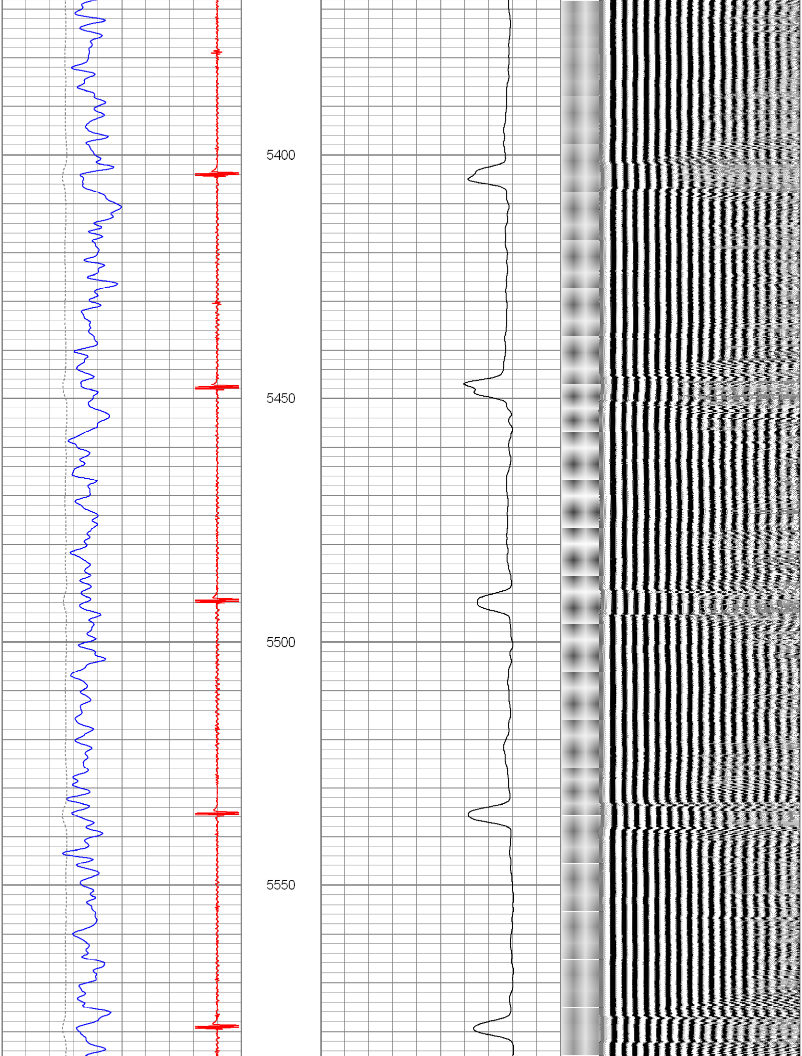


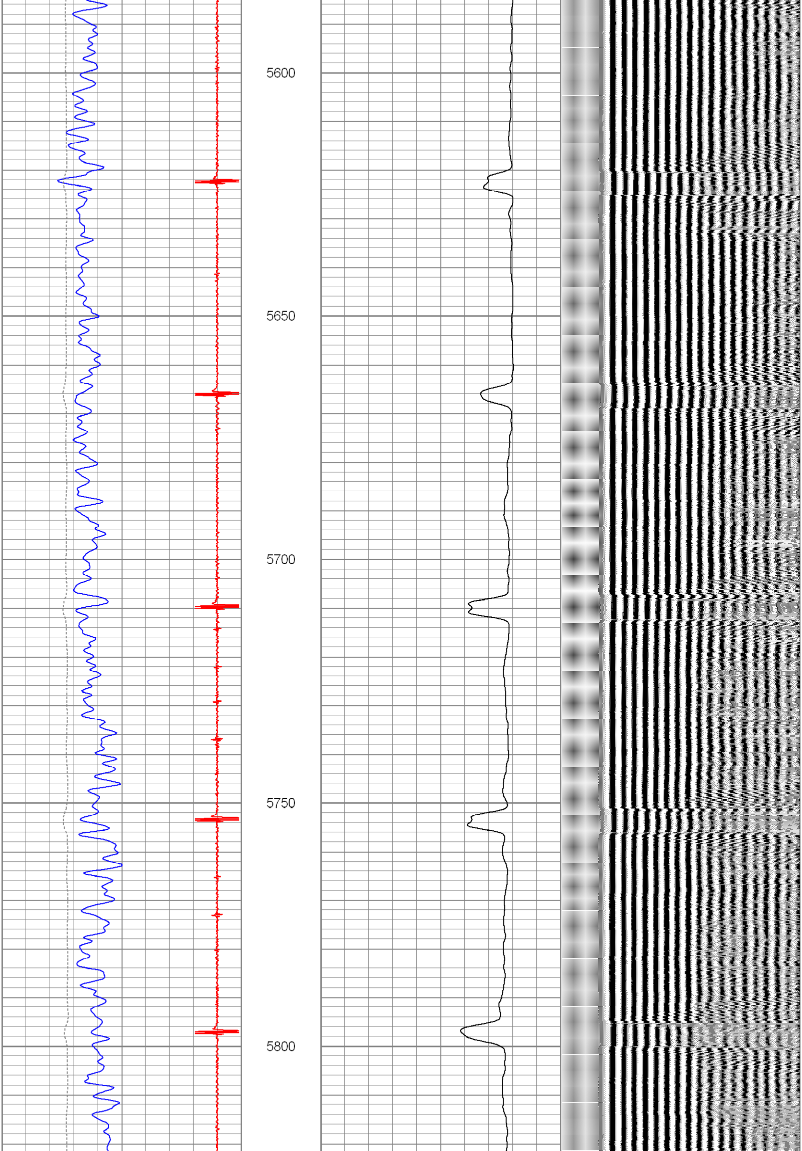


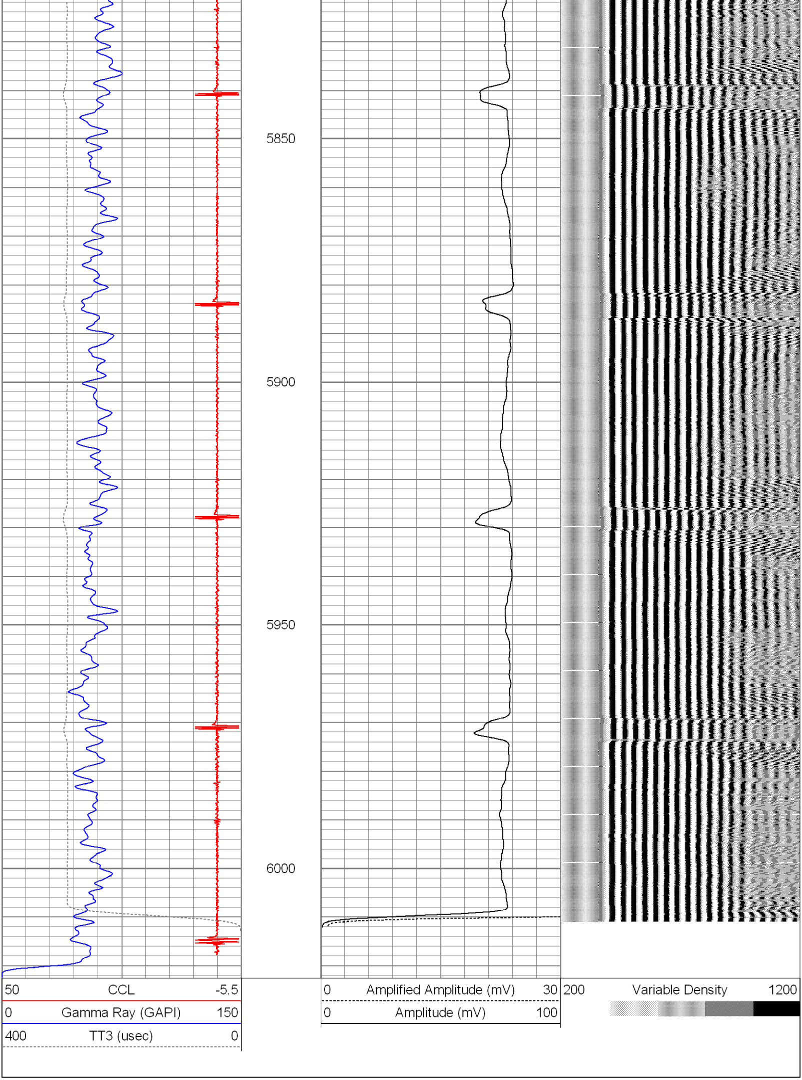












Calibration Report

Database File: cbl noble little will 2-25.db
Dataset Pathname: pass3
Dataset Creation: Mon Jul 28 07:59:48 2014 by Log SCH 120430

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 110785

SHOP CALIBRATION

Fri Nov 08 09:38:30 2013

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.4400			GAPI/cps

PRIMARY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Cement Bond Log Calibration Report

Serial Number: 110802
Tool Model: Probe275Digital
Performed: Mon Jul 28 07:42:57 2014

Depth: 535.942 ft
Casing Diameter: 4.5 in

	3' Spacing	5' Spacing	
Signal Zero:	0.7	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	-0.00576172	-0.00598145	V
Reading in Free Pipe:	2.49878	2.43989	V
Gain:	32.1401	33.1972	
Offset:	0.885182	0.198567	