PEAK WIRELINE SERVICES, INC.

RADIAL CEMENT BOND LOG

Company WIEPKING FULLERTON ENERGY, LLC.
Well NAPALI #4
Field GREAT PLAINS
County LINCOLN
State COLORADO

Company	WIEPKING-FULLERTON ENERGY,LLC		
Well	NAPALI #4		
Field	GREAT PLAINS		
County	LINCOLN	State	COLORADO

Location

NE SW
SEC 17 TWP 10S RGE 55W

Other Services

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

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

Date	11-30-2011		
Run Number	ONE		
Depth Driller	P.B. 7856		
Depth Logger	7804		
Bottom Logged Interval	7800		
Top Log Interval	5700		
Casing Size	5 1/2"		
Type Fluid	WATER		
Density / Viscosity			
Max. Recorded Temp.			
Estimated Cement Top	5860		
Time Well Ready			
Time Logger on Bottom			
Equipment Number	TR-7		
Location	CHEYENNE WELLS, CO.		
Recorded By	HENDERSON		
Witnessed By	RALPH STANSBURY		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	329				
TWO	7 7/8"	329	7856				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"	24#	0	329
Prot. String				
Production String	5 1/2"	17#	0	7856
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.

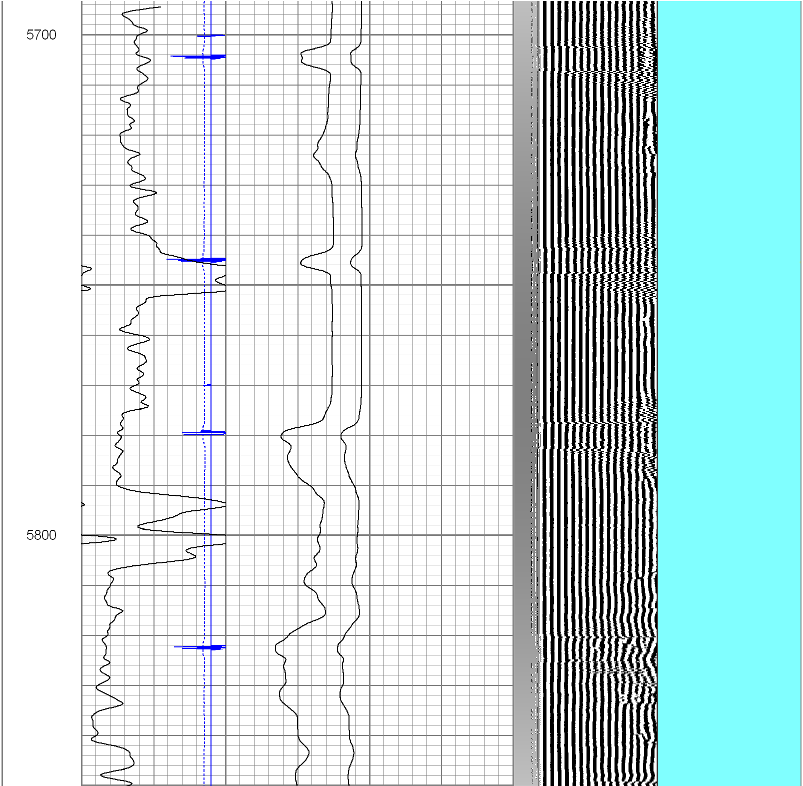
Comments

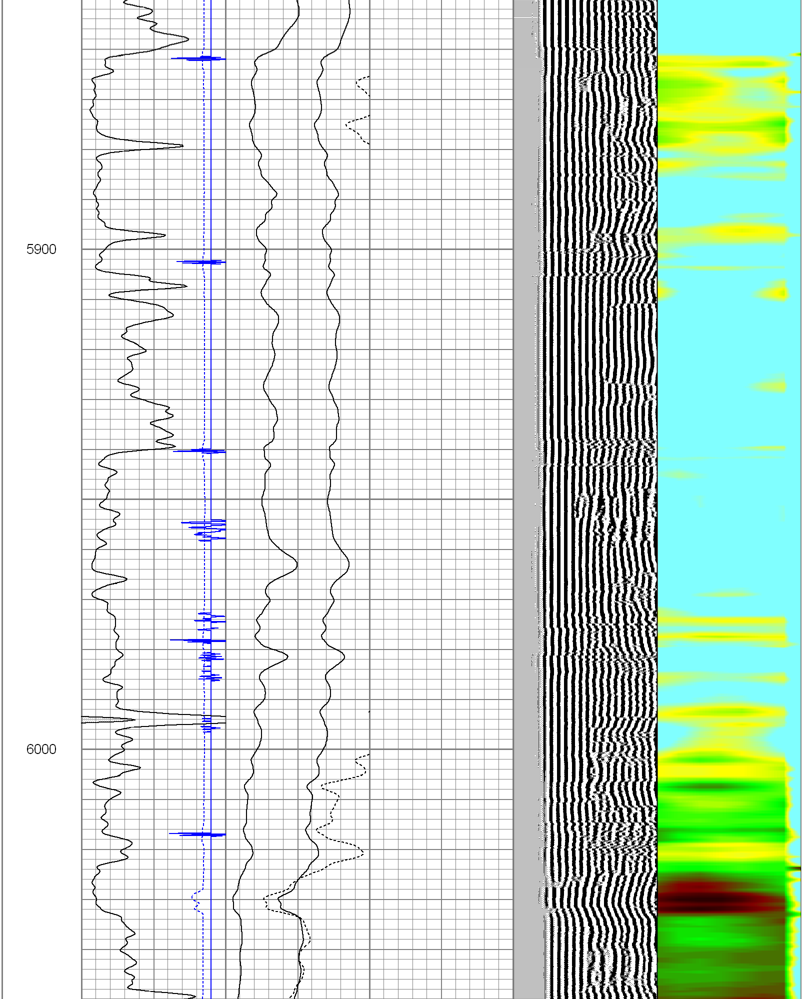
PEAK WIRELINE SERVICES, INC.

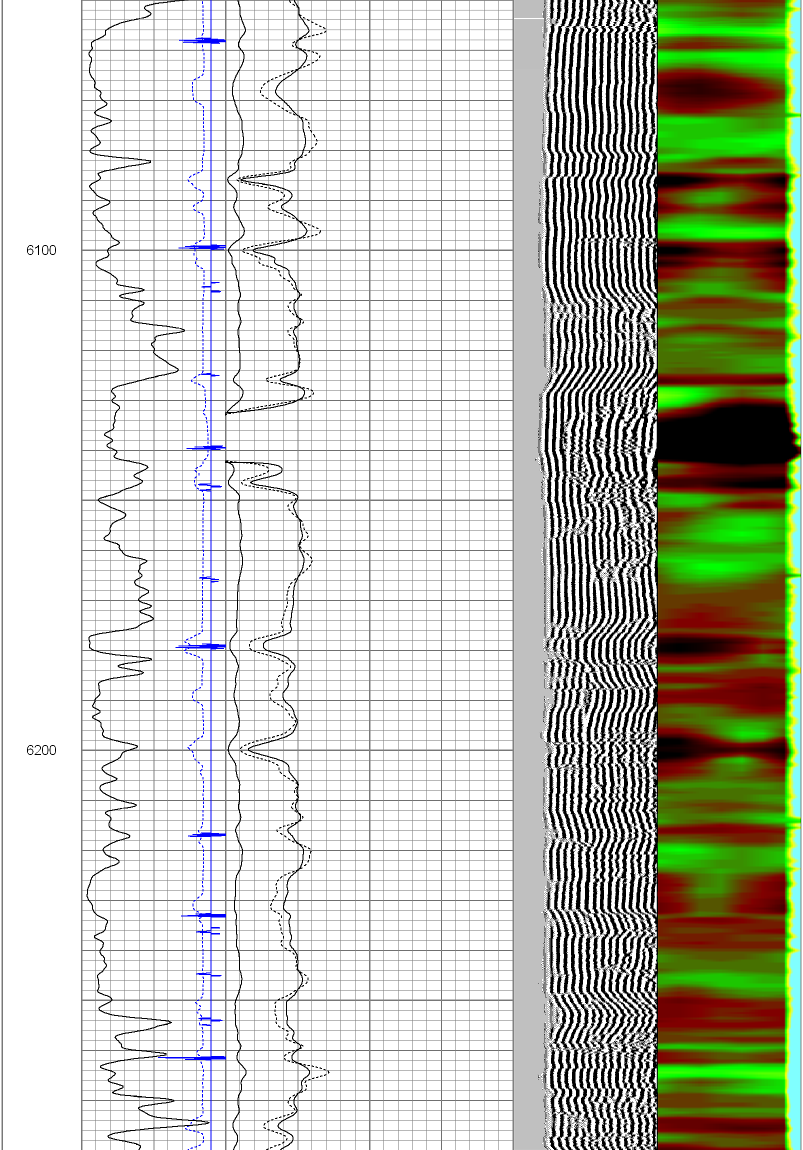
MAIN PASS

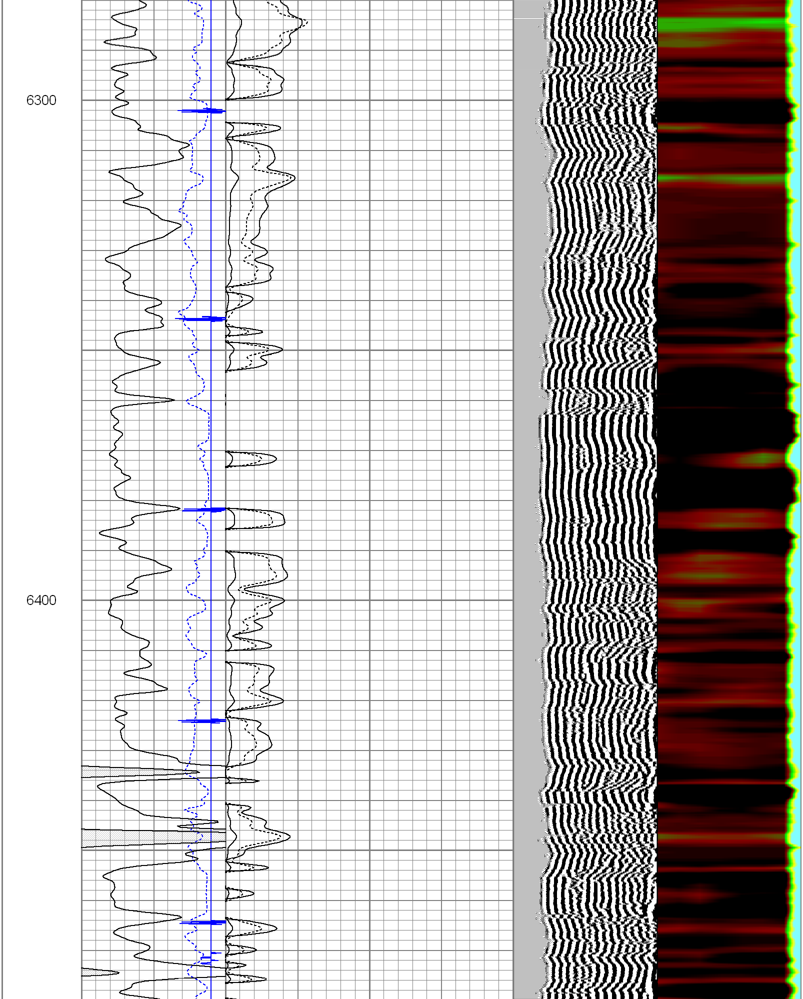
Database File: napali.db
Dataset Pathname: 4/run1/pass5
Presentation Format: scbl02
Dataset Creation: Wed Nov 30 12:34:25 2011 by Log Std Casedhole 07081
Charted by: Depth in Feet scaled 1:240

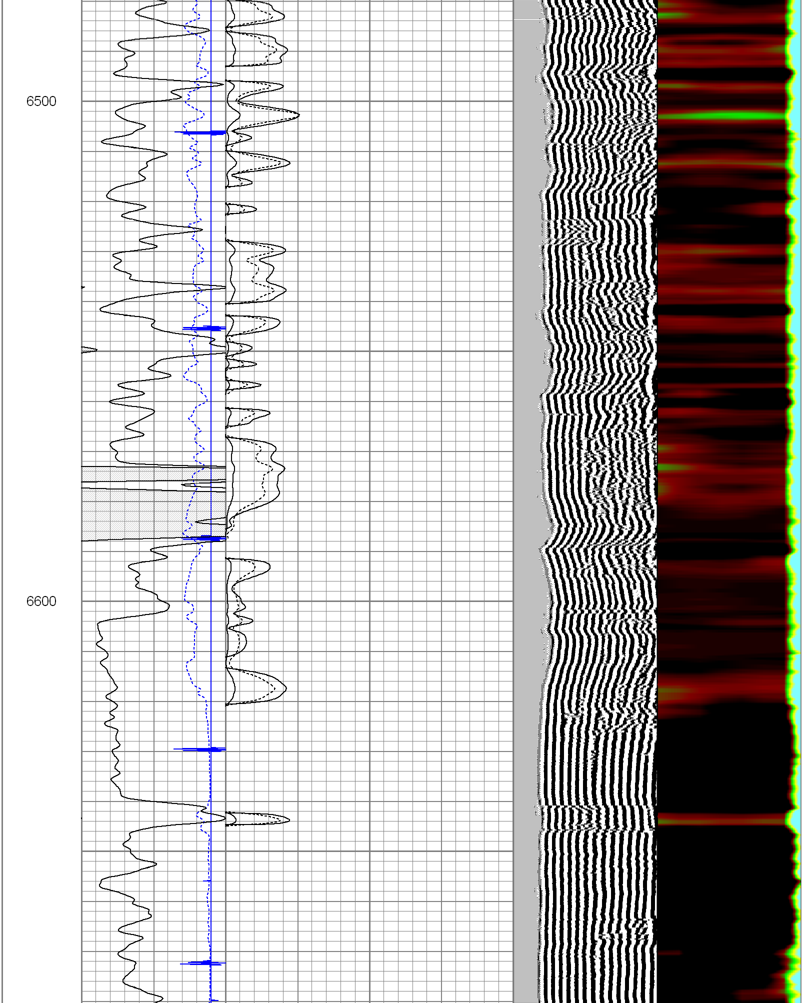
800 TT (usec) 200	0 AMP (mV) 100	200 VDL 1200	1 Cement Map 7
-9 CCL 1	0 AMPx5 (mV) 20		
0 GR (GAPI) 150	1 Bond Index 0		
150 GR (GAPI) 300			

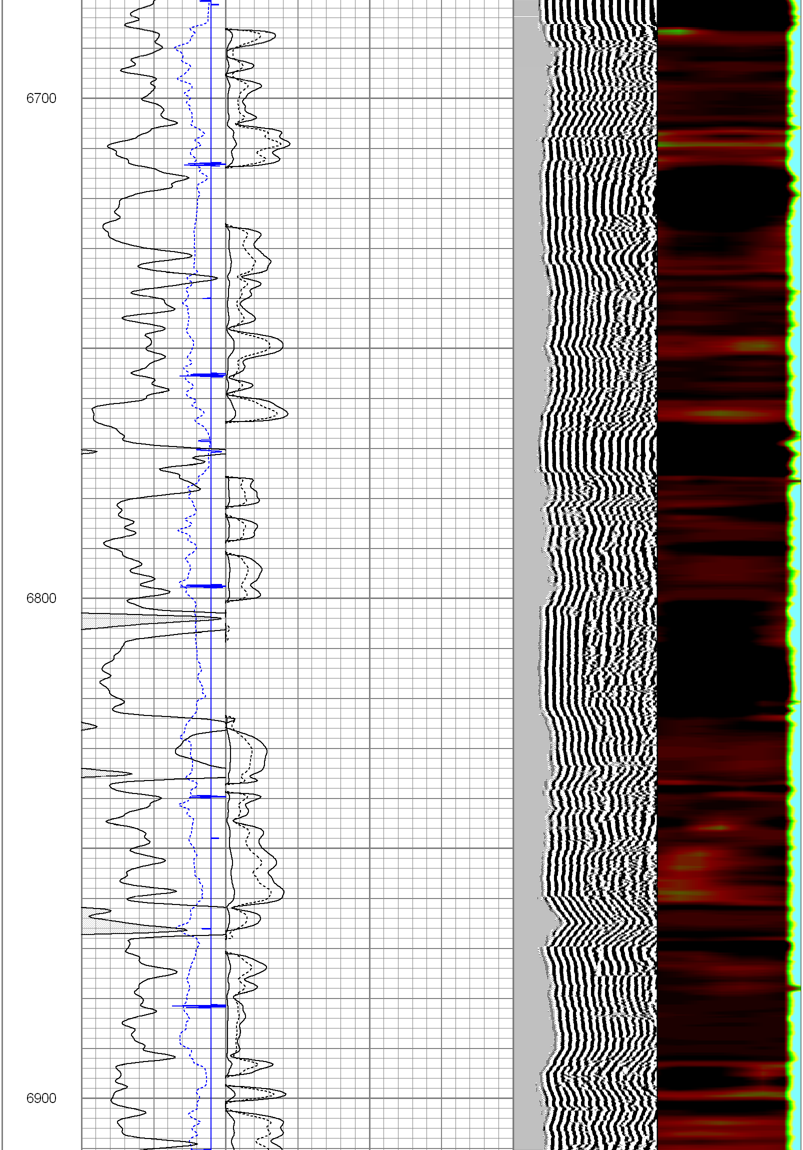


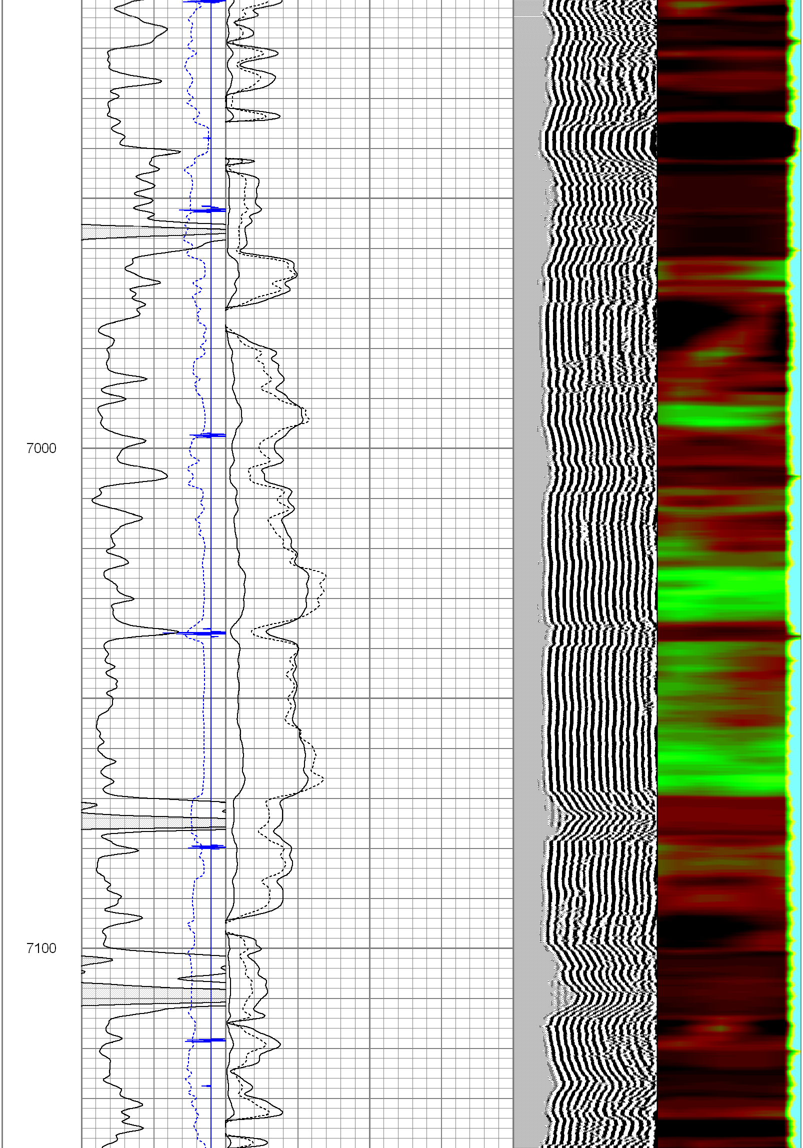


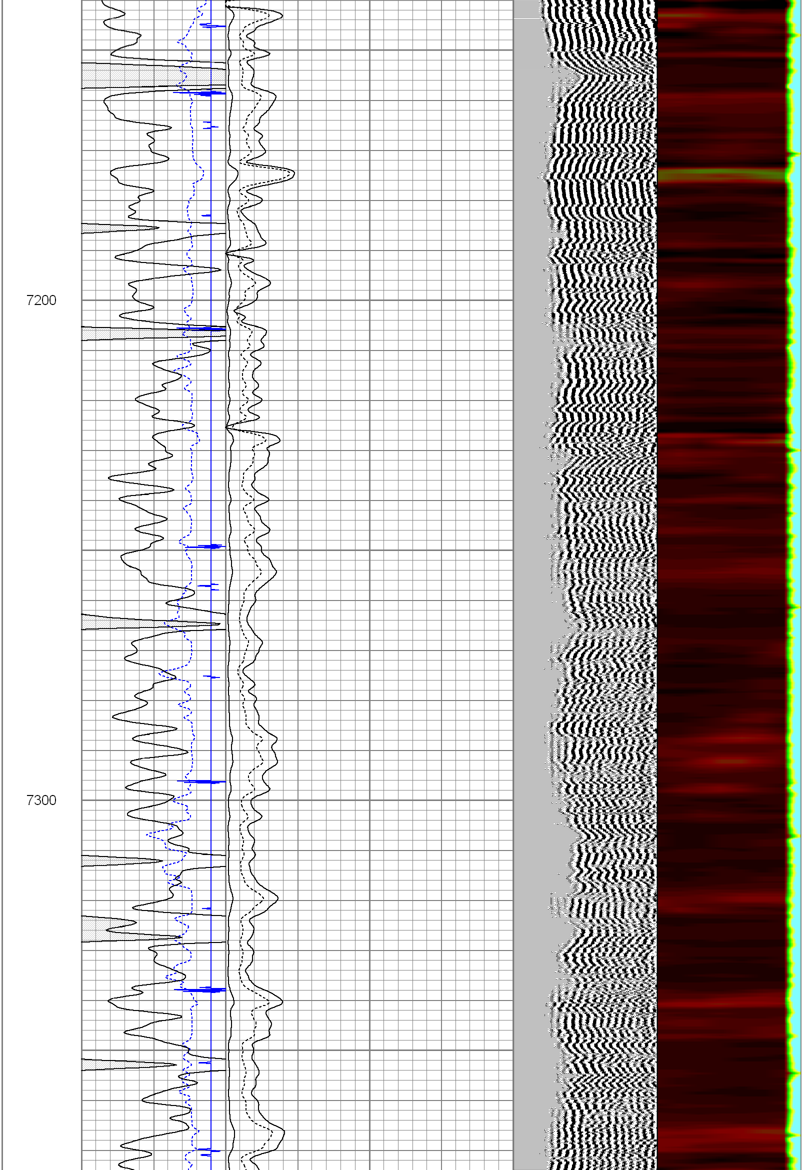


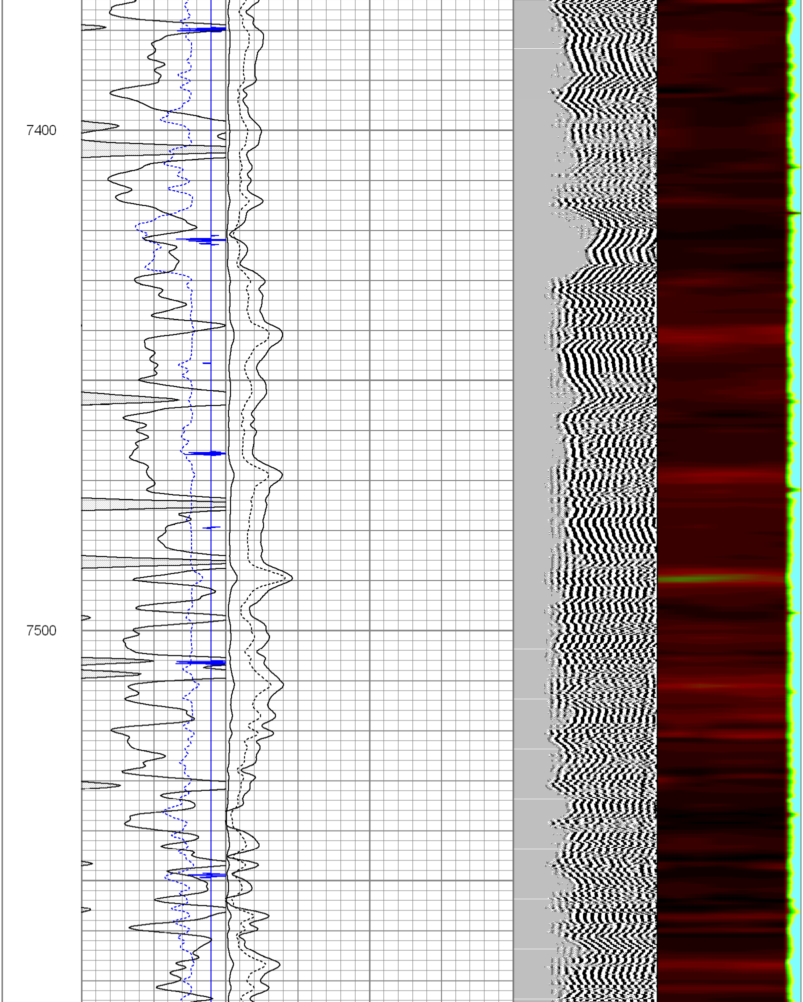


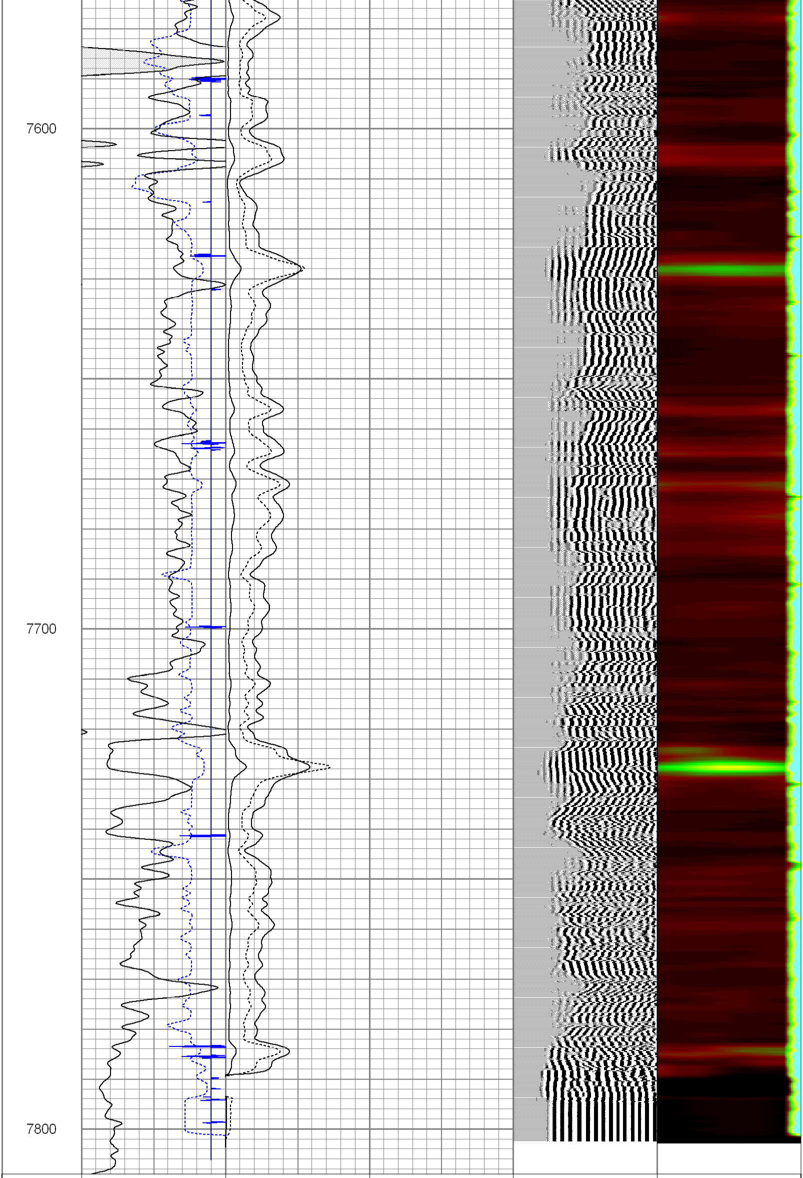












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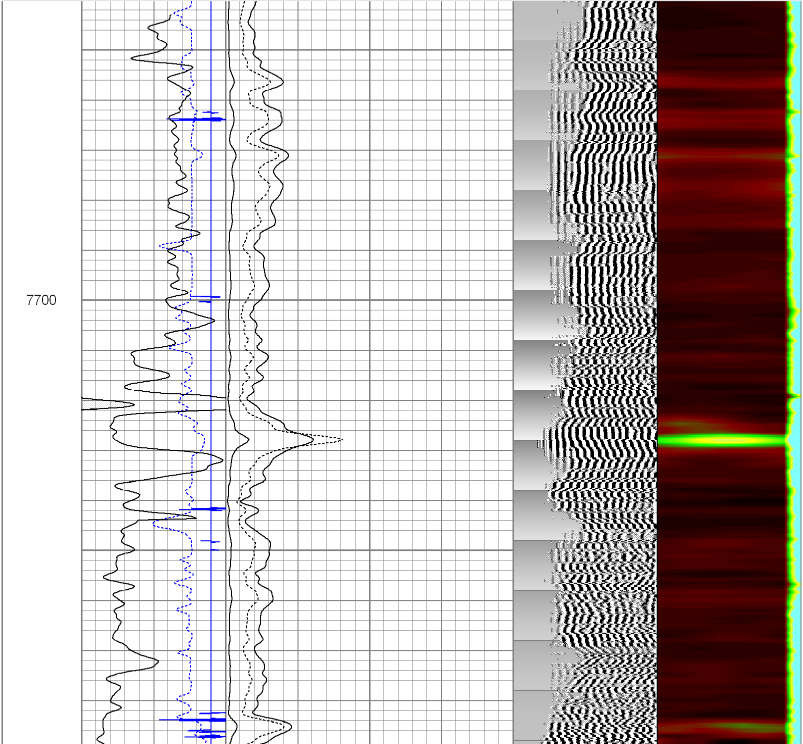
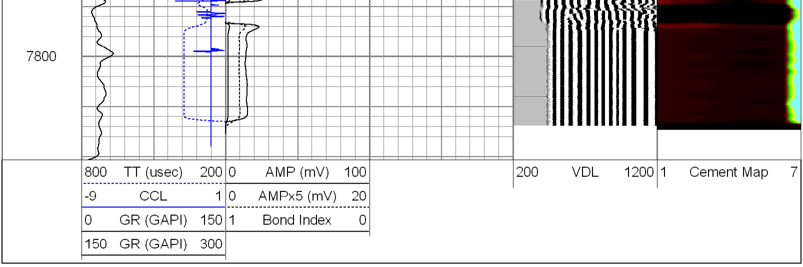
-9 CCL 1	0 AMPx5 (mV) 20		
0 GR (GAPI) 150	1 Bond Index 0		
150 GR (GAPI) 300			

Database File:	napali.db
Dataset Pathname:	4/run1/pass3
Presentation Format:	scbl02
Dataset Creation:	Wed Nov 30 12:28:36 2011 by Log Std Casedhole 07081
Charted by:	Depth in Feet scaled 1:240

800 TT (usec) 200	0 AMP (mV) 100	200 VDL 1200	1 Cement Map 7
-9 CCL 1	0 AMPx5 (mV) 20		
0 GR (GAPI) 150	1 Bond Index 0		
150 GR (GAPI) 300			





Calibration Report

Database File: napali.db
Dataset Pathname: 4/run1/pass4
Dataset Creation: Wed Nov 30 12:34:09 2011 by Log Std Casedhole 07081

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Wed Nov 30 12:30:59 2011	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.8000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	4.5040904	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	3747.164	ft

Master Calibration, performed Wed Nov 30 12:11:41 2011:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.987	0.000	71.921	36.200	0.000
CAL	0.000	2.002				
5'	0.000	2.079	0.000	71.921	34.597	0.000
SUM						
S1	0.000	1.897	0.000	100.000	52.726	0.000
S2	0.000	1.803	0.000	100.000	55.459	0.000
S3	0.000	1.872	0.000	100.000	53.422	0.000
S4	0.000	1.985	0.000	100.000	50.368	0.000
S5	0.000	2.047	0.000	100.000	48.857	0.000
S6	0.000	2.056	0.000	100.000	48.639	0.000
S7	0.000	2.078	0.000	100.000	48.119	0.000
S8	0.000	0.004	0.000	100.000	22629.834	0.000

Internal Reference Calibration, performed Wed Nov 30 12:15:10 2011:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	1.995	0.000	2.002	1.004	0.000

Air Zero Calibration, performed Wed Nov 30 11:51:05 2011:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000