PEAK WIRELINE SERVICES, INC.

RADIAL SPACED CEMENT BOND LOG

Company CASCADE PETROLEUM, LLC.
Well POSS A11S 55W 1344
Field WILDCAT
County LINCOLN
State COLORADO

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Field WILDCAT
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Location
SE SE
660' FSL & 660' FEL
SEC 13 TWP 11S 55W

Other Services

Permanent Datum GROUND LEVEL Elevation 5249
Log Measured From KELLY BUSHING 15' AGL
Drilling Measured From KELLY BUSHING

Elevation
K.B. 5264
D.F.
G.L. 5249

Date	5-21-2014		
Run Number	ONE		
Depth Driller	8083		
Depth Logger	8018		
Bottom Logged Interval	8014		
Top Log Interval	7200		
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-8		
Location	CHEYENNE WELLS. CO.		
Recorded By	HENDERSON		
Witnessed By	MIKE DECKER		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0	541				
TWO	7 7/8"	541	8083				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9 5/8"	36#	0	541
Prot. String				
Production String	5 1/2"	17#	0	8068
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.

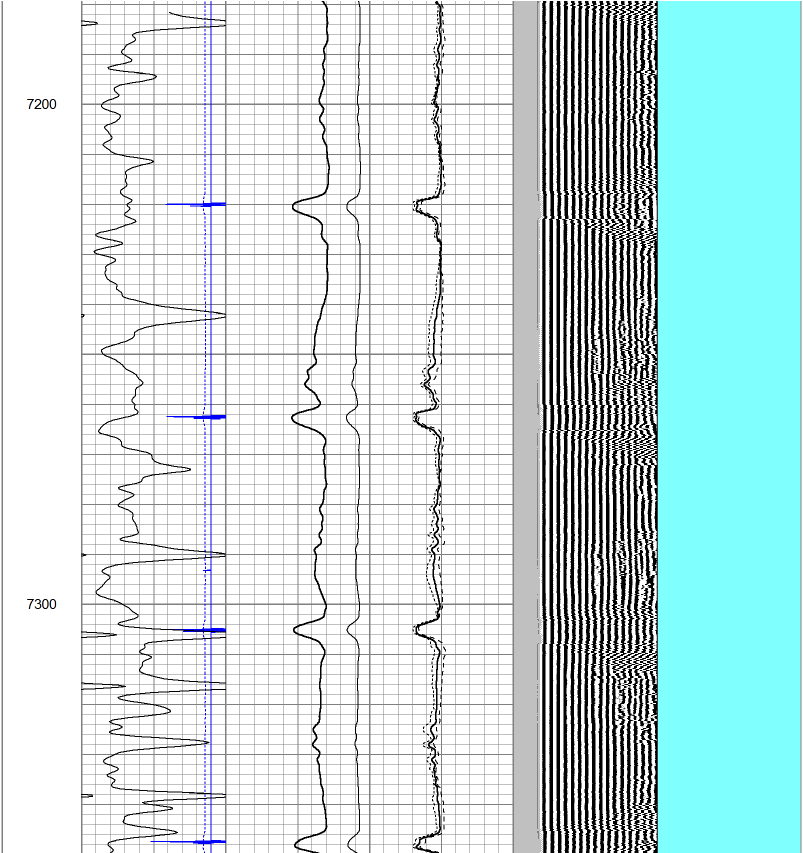
Comments

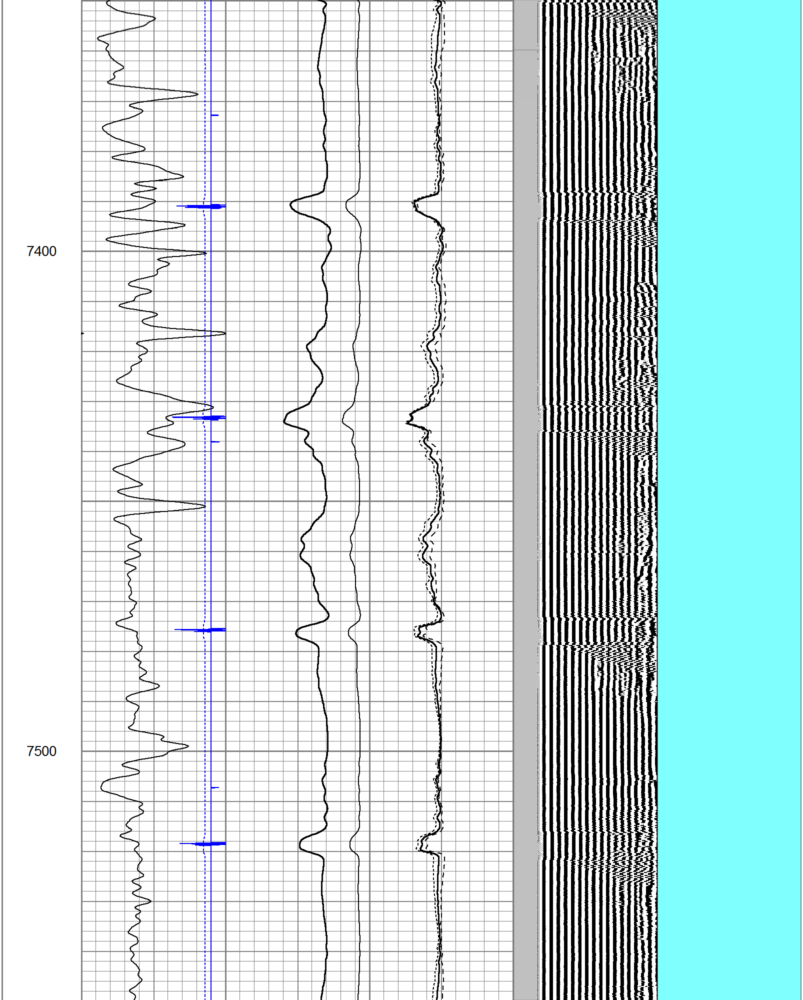
PEAK WIRELINE SERVICES, INC.

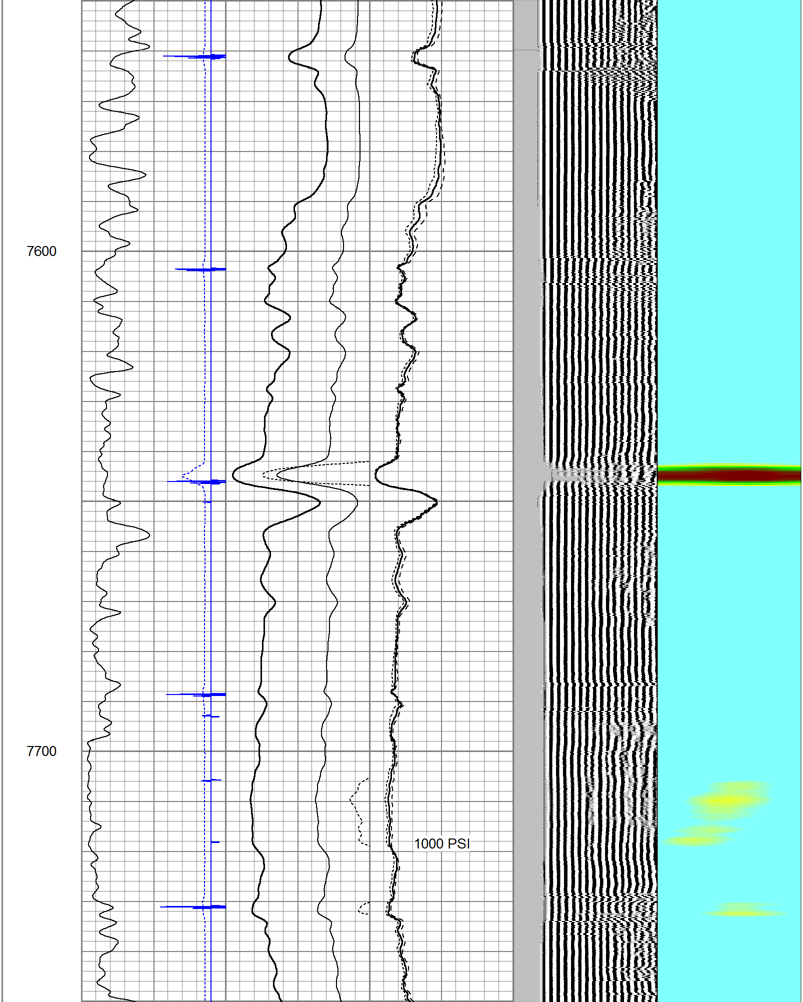
1000 PSI PASS

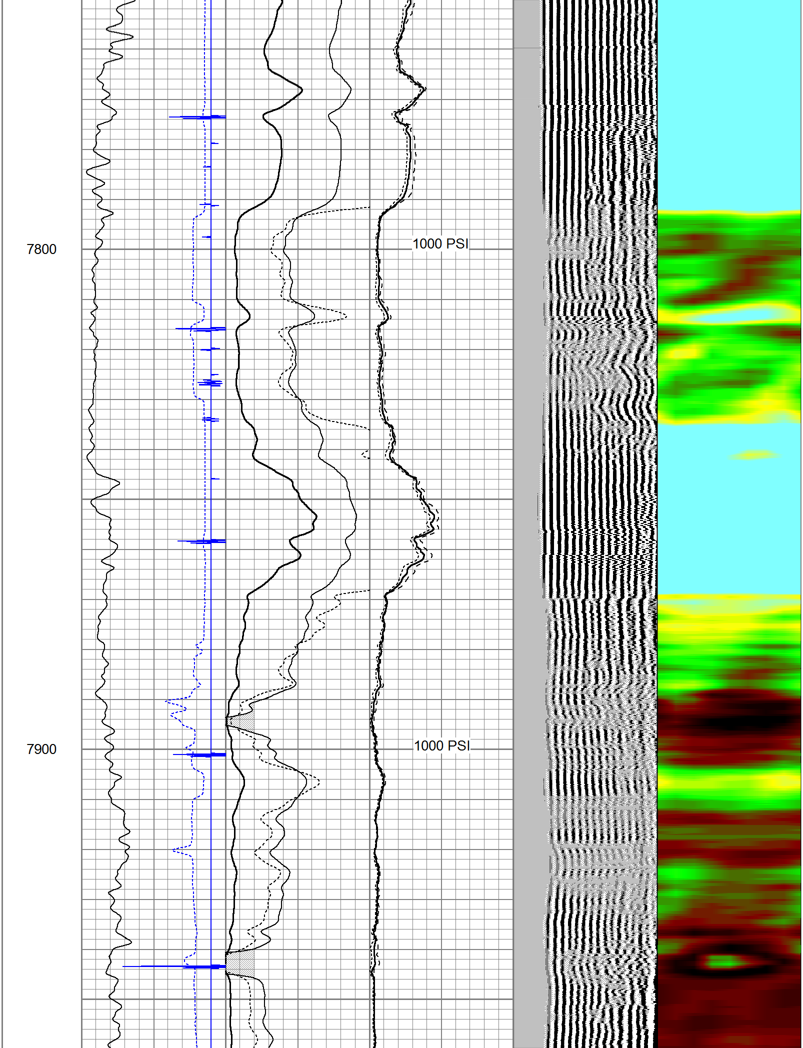
Database File:	poss.db
Dataset Pathname:	A11S55W13/run1/pass4
Presentation Format:	scbl02
Dataset Creation:	Wed May 21 18:07:58 2014 by Log Std Casedhole 10071
Charted by:	Depth in Feet scaled 1:240

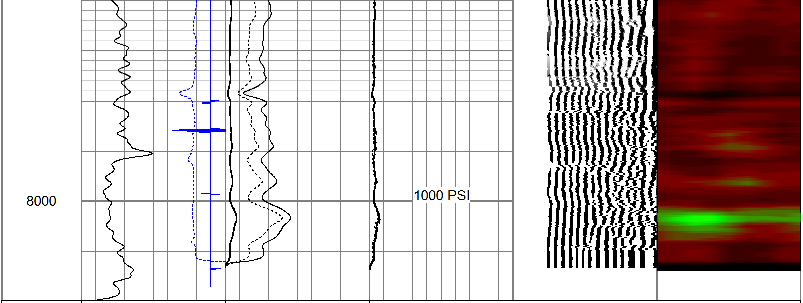
800 TT (usec) 200	0 AMP (mV) 100	-2 AMPAVG 200	200 VDL 1200	1 Cement Map 8
-9 CCL 1	0 AMPx5 (mV) 20	-2 AMPMAX 200		
0 GR (GAPI) 200	1 Bond Index 0	-2 AMPMIN 200		
200 (null) (GAPI) 400				











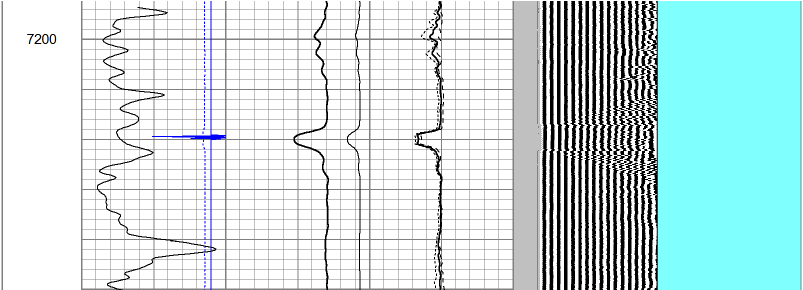
800 TT (usec) 200	0 AMP (mV) 100	-2 AMPAVG 200	200 VDL 1200	1 Cement Map 8
-9 CCL 1	0 AMPx5 (mV) 20	-2 AMPMAX 200		
0 GR (GAPI) 200	1 Bond Index 0	-2 AMPMIN 200		
200 (null) (GAPI) 400				

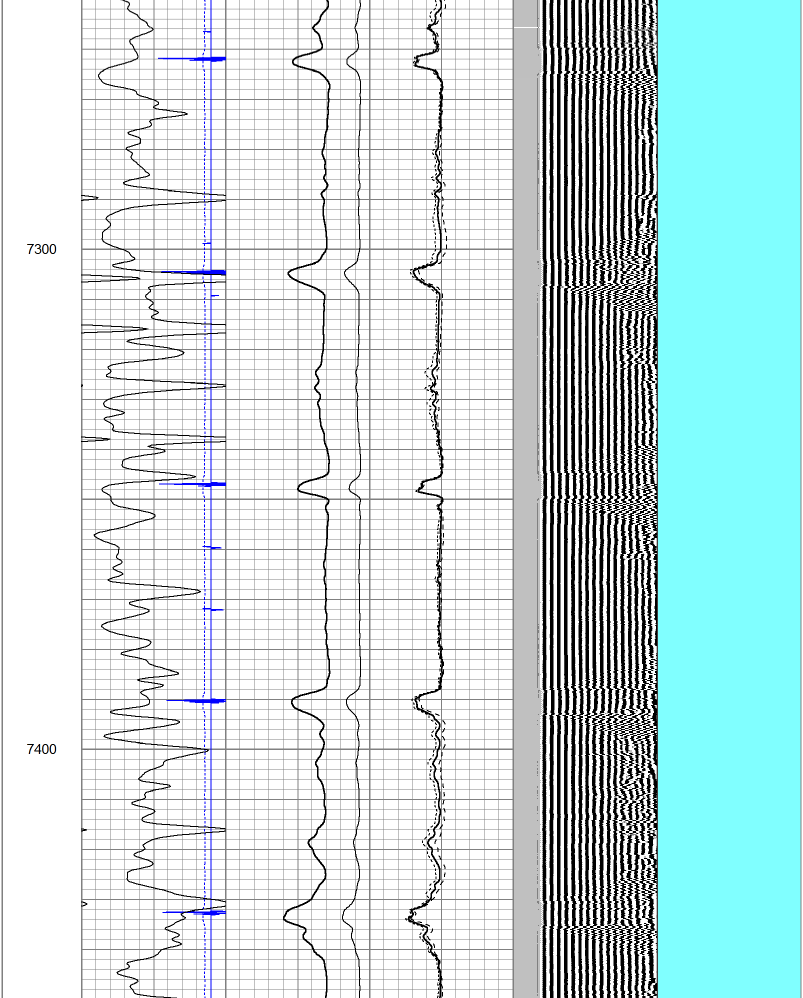
PEAK WIRELINE SERVICES, INC.

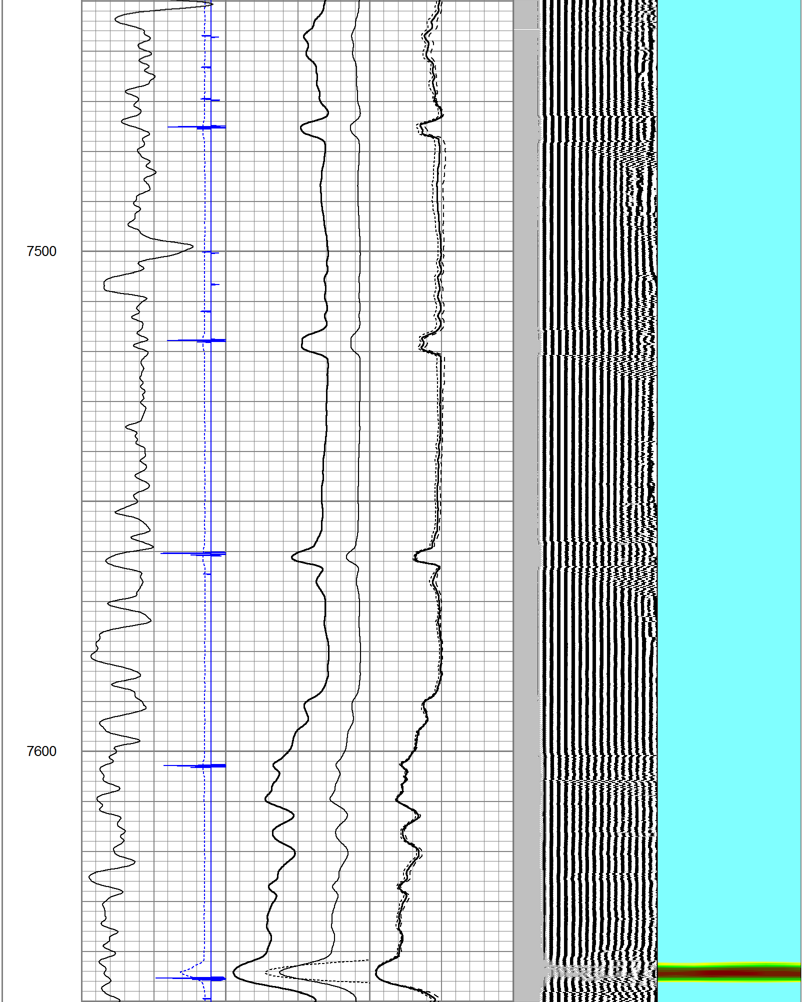
MAIN PASS

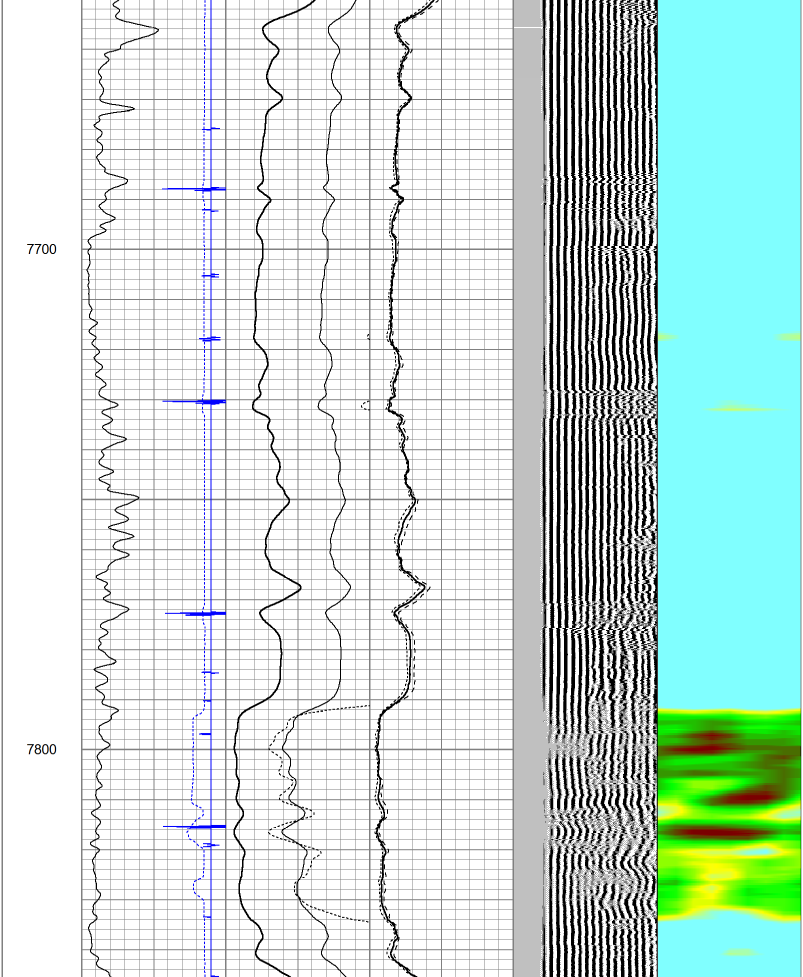
Database File:	poss.db
Dataset Pathname:	A11S55W13/run1/pass2
Presentation Format:	scbl02
Dataset Creation:	Wed May 21 16:42:35 2014 by Log Std Casedhole 10071
Charted by:	Depth in Feet scaled 1:240

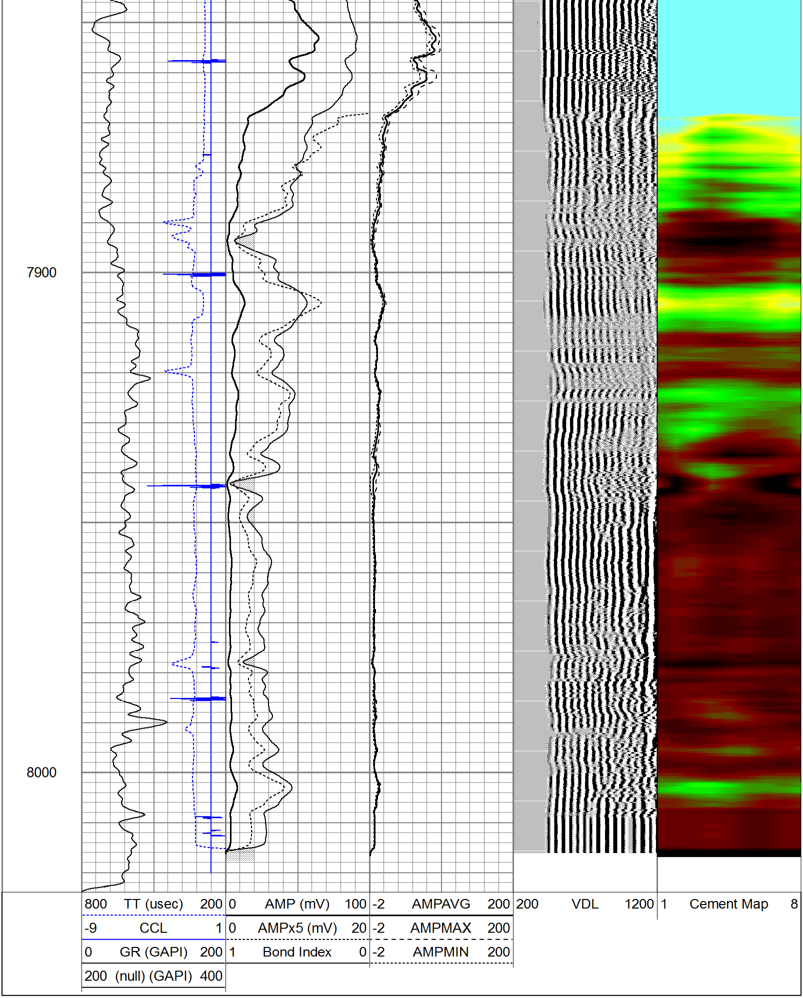
800 TT (usec) 200	0 AMP (mV) 100	-2 AMPAVG 200	200 VDL 1200	1 Cement Map 8
-9 CCL 1	0 AMPx5 (mV) 20	-2 AMPMAX 200		
0 GR (GAPI) 200	1 Bond Index 0	-2 AMPMIN 200		
200 (null) (GAPI) 400				











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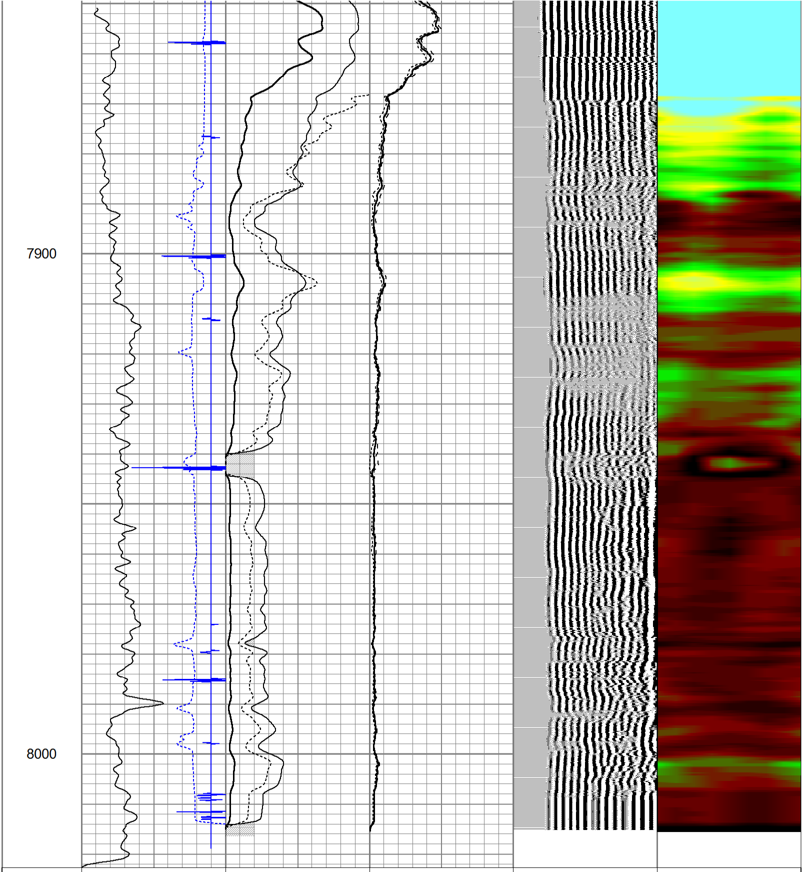
REPEAT SECTION

Database File: poss.db
Dataset Pathname: A11S55W13/run1/pass1
Presentation Format: scbl02
Dataset Creation: Wed May 21 16:38:06 2014 by Log Std Casedhole 10071
Charted by: Depth in Feet scaled 1:240

800 TT (usec) 200	0 AMP (mV) 100	-2 AMPAVG 200	200 VDL 1200	1 Cement Map 8
-9 CCL 1	0 AMPx5 (mV) 20	-2 AMPMAX 200		
0 GR (GAPI) 200	1 Bond Index 0	-2 AMPMIN 200		
200 (null) (GAPI) 400				



800 TT (usec) 200	0 AMP (mV) 100	-2 AMPAVG 200	200 VDL 1200	1 Cement Map 8
-9 CCL 1	0 AMPx5 (mV) 20	-2 AMPMAX 200		
0 GR (GAPI) 200	1 Bond Index 0	-2 AMPMIN 200		
200 (null) (GAPI) 400				

Calibration Report

Database File:	poss.db
Dataset Pathname:	A11S55W13/run1/pass1
Dataset Creation:	Wed May 21 16:38:06 2014 by Log Std Casedhole 10071

Gamma Ray Calibration Report

Serial Number:	061120GR	
Tool Model:	PROBE	
Performed:	Fri May 16 11:25:37 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	4.5040904	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	5391.592	ft

Master Calibration, performed Wed May 21 16:29:50 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.016	1.467	0.250	71.921	49.378	-0.537
CAL	1.687	1.688				
5'	0.014	1.415	0.250	71.921	51.149	-0.473
SUM						
S1	0.013	1.479	0.250	100.000	68.028	-0.647
S2	0.014	1.457	0.250	100.000	69.099	-0.701
S3	0.014	1.443	0.250	100.000	69.794	-0.742
S4	0.014	1.467	0.250	100.000	68.654	-0.715
S5	0.015	1.481	0.250	100.000	68.048	-0.747
S6	0.015	1.461	0.250	100.000	68.982	-0.795
S7	0.015	1.447	0.250	100.000	69.660	-0.806
S8	0.015	1.456	0.250	100.000	69.247	-0.791

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	1.687	1.688	1.000	0.000

Air Zero Calibration, performed Wed May 21 16:11:43 2014:

	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