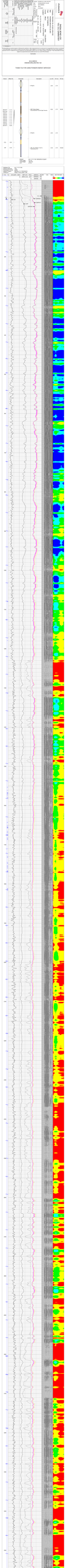

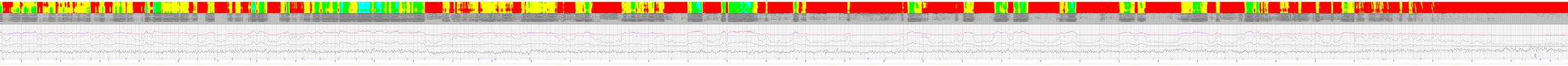

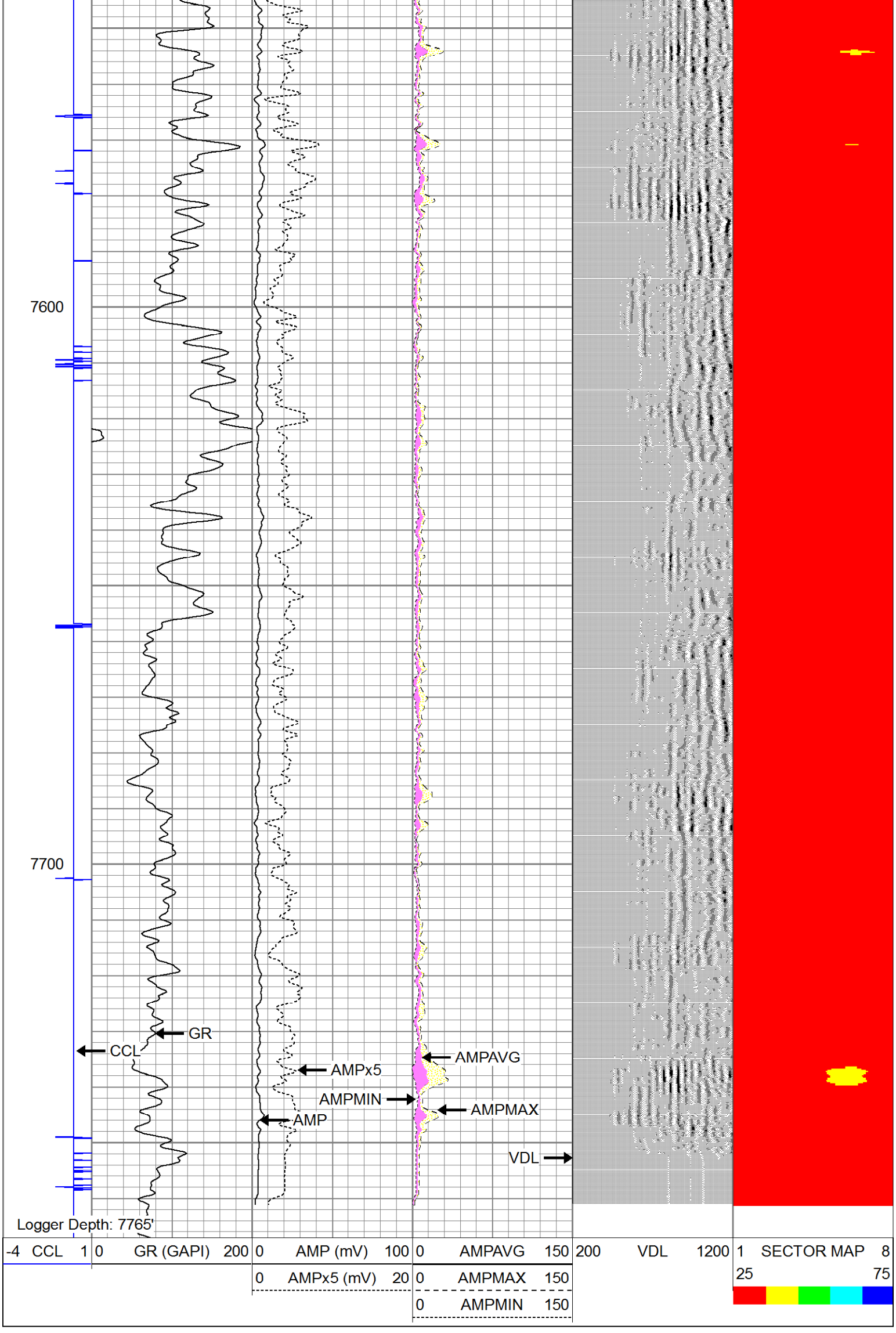

Calibration Report

Database File: enc 11-13-13.db
Dataset Pathname: pass1
Dataset Creation: Wed Nov 13 14:01:54 2013 by Log SCH 120430

Gamma Ray Calibration Report

Serial Number:	111211	
Tool Model:	Probe	
Performed:	Thu Nov 07 14:20:49 2013	
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:	Base	
Tool Model:	Probe	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	193.725	ft

Master Calibration, performed Thu Nov 07 17:14:16 2013:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.594	0.000	81.196	124.600	0.500
CAL	0.006	0.821				
5'	0.006	0.514	0.000	81.196	146.000	-1.000
SUM						
S1	0.013	0.591	0.000	100.000	172.823	-2.186
S2	0.007	0.637	0.000	100.000	158.502	-1.045
S3	0.007	0.634	0.000	100.000	159.424	-1.061
S4	0.005	0.615	0.000	100.000	163.889	-0.740
S5	0.003	0.592	0.000	100.000	169.754	-0.518
S6	0.006	0.570	0.000	100.000	177.178	-1.025
S7	0.004	0.567	0.000	100.000	177.466	-0.687
S8	0.007	0.574	0.000	100.000	176.267	-1.183

Internal Reference Calibration, performed Wed Aug 21 12:08:58 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	0.821	1.000	0.000

Air Zero Calibration, performed Wed Aug 21 11:24:02 2013:

	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

PIONEER
Pioneer Energy Services

Company	ENCANA OIL & GAS (USA) INC
Well	RODMAN BRUNTZ 2D-26H
Field	WATTENBERG
County	WELD
State	COLORADO