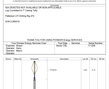

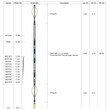

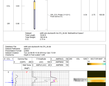

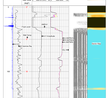

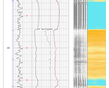

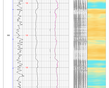

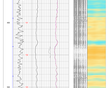

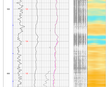

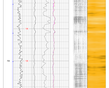

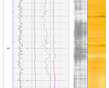

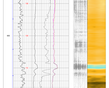

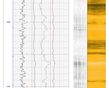

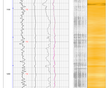

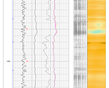

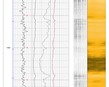

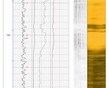

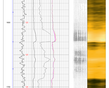

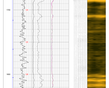

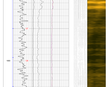

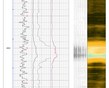

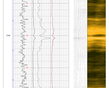

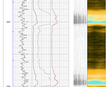

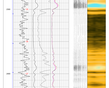

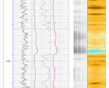

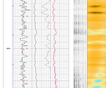

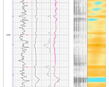

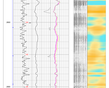

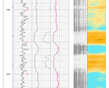

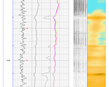

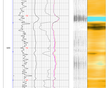

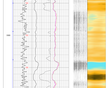

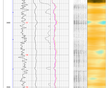

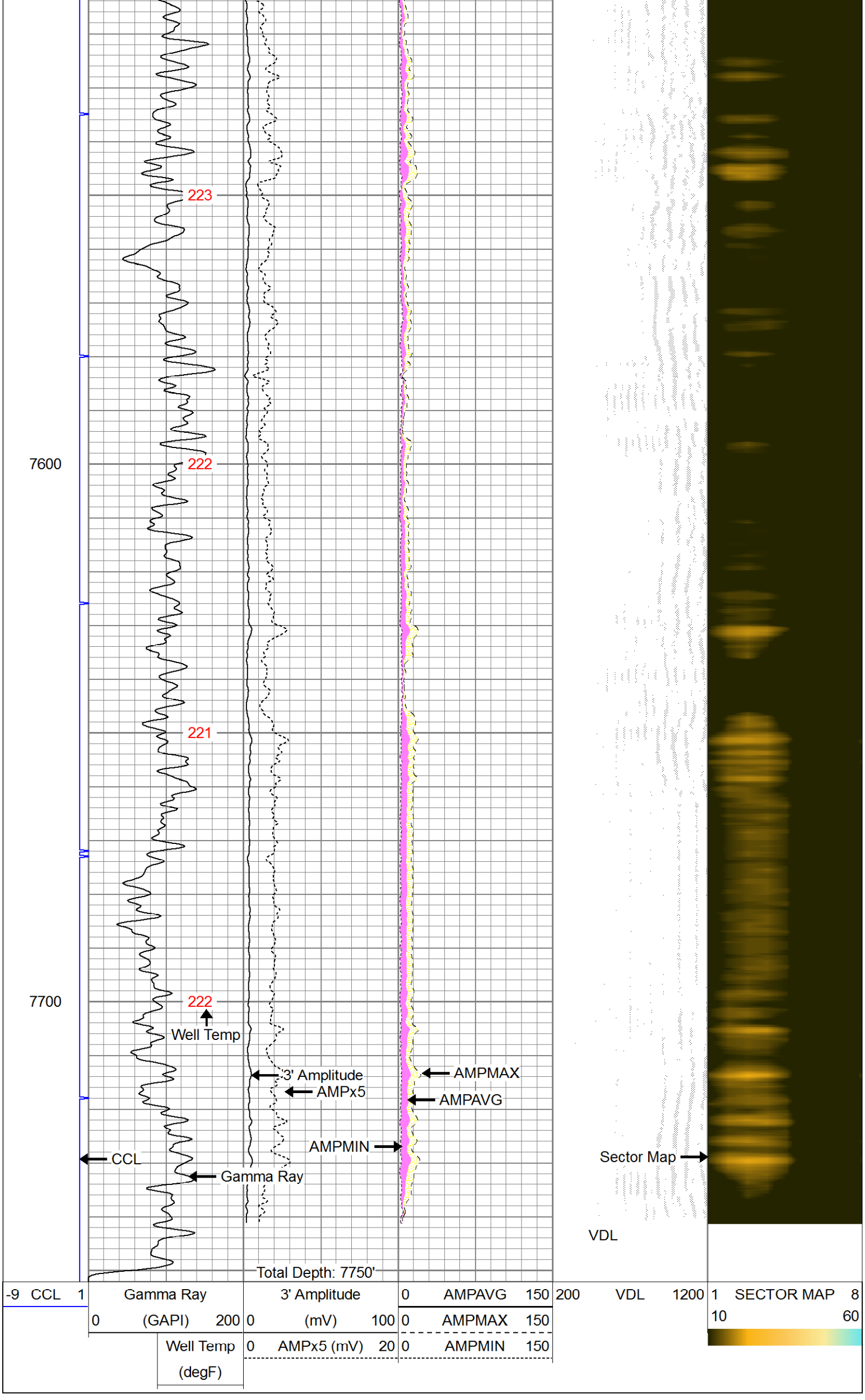

Calibration Report

Database File: edith ann-duckworth 4e-21h_rbl.db
Dataset Pathname: pass1
Dataset Creation: Mon Jul 07 21:44:42 2014 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	070238	
Tool Model:	Probe	
Performed:	Fri Jun 20 09:21:39 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:	111206	
Tool Model:	RBT-C3	
Calibration Casing Diameter:	7.000	in
Calibration Depth:	435.128	ft

Master Calibration, performed Wed Jun 11 05:59:13 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.012	0.540	1.500	62.165	80.000	-0.700
CAL	0.013	0.995				
5'	0.012	0.473	1.500	62.165	91.700	-0.800
SUM						
S1	0.010	0.553	0.000	100.000	129.000	-1.909
S2	0.012	0.560	0.000	100.000	127.000	-2.254
S3	0.012	0.555	0.000	100.000	128.000	-2.263
S4	0.012	0.545	0.000	100.000	130.000	-2.313
S5	0.012	0.535	0.000	100.000	134.000	-2.365
S6	0.012	0.527	0.000	100.000	135.000	-2.414
S7	0.012	0.525	0.000	100.000	136.000	-2.417
S8	0.012	0.541	0.000	100.000	130.000	-2.336

Internal Reference Calibration, performed Wed Jun 4 16:50:40 2014:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.013	0.995	1.000	0.000

Air Zero Calibration, performed Wed Jun 4 16:54:11 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

Temperature Calibration Report

Serial Number:	111206			
Tool Model:	RBT-C3			
Performed:	Wed Jun 11 03:38:10 2014			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	1.00	degF	1.00	degF
Gain:	0.30			
Offset:	12.00			
Delta Spacing	1			

PIONEER
Pioneer Energy Services

Company	EnCana Oil & Gas (USA) Inc.
Well	Edith Ann-Duckworth 4E-21H-O268
Field	Wattenberg
County	Weld
State	CO