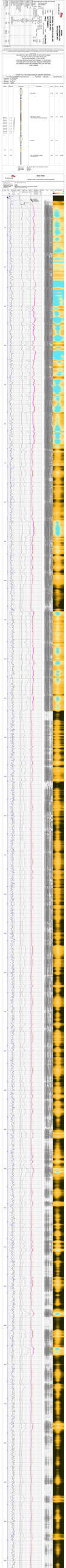
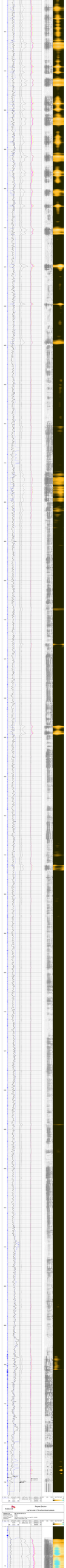


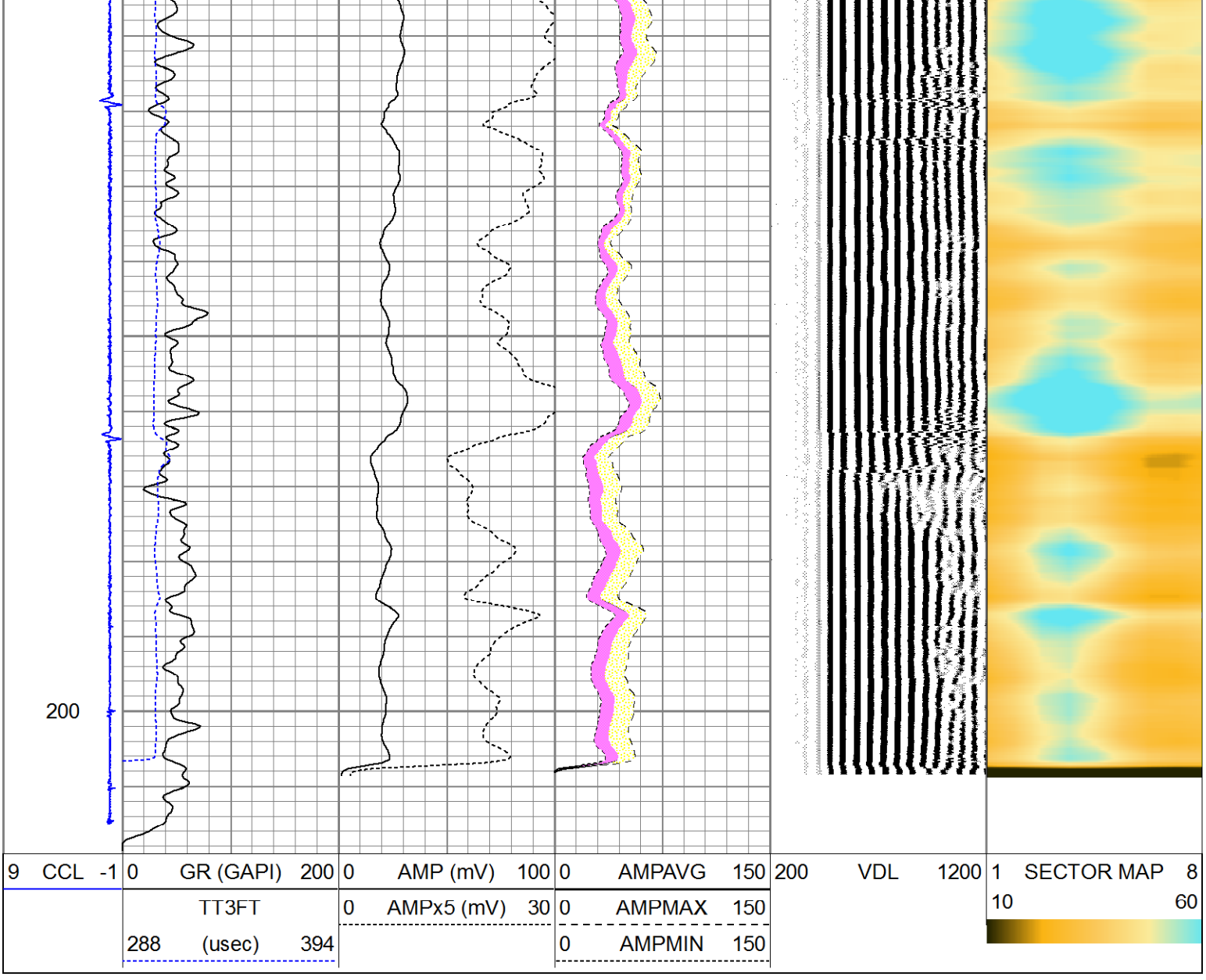


Repeat Section

Log files under CTP4 directory (shown) presents

Repeat Section

Log files under CTP4 directory (shown) presents



Calibration Report

Database File: dale 4b-20h-0264 rbl.db
Dataset Pathname: pass3
Dataset Creation: Wed Nov 19 23:05:37 2014 by Log SCH 120430

Gamma Ray Calibration Report

Serial Number:	110249	
Tool Model:	Probe	
Performed:	Sat Oct 11 19:40:17 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.9100	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	130433	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	276.367	ft

Master Calibration, performed Wed Nov 19 21:48:06 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.015	1.331	1.000	62.000	45.318	1.675
CAL	0.015	0.903				
5'	0.015	1.531	1.000	62.000	40.236	0.406
SUM						
S1	0.015	1.300	0.000	100.000	77.803	-1.144
S2	0.015	1.306	0.000	100.000	77.462	-1.141
S3	0.015	1.288	0.000	100.000	78.547	-1.178
S4	0.015	1.285	0.000	100.000	78.769	-1.188
S5	0.015	1.299	0.000	100.000	77.859	-1.158
S6	0.015	1.316	0.000	100.000	76.882	-1.152
S7	0.015	1.346	0.000	100.000	75.136	-1.117
S8	0.016	1.289	0.000	100.000	78.536	-1.237

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	0.015	0.903	1.000	0.000

Air Zero Calibration, performed Mon Jun 16 13:41:42 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

PIONEER
Pioneer Energy Services

Company	ENCANA OIL AND GAS (USA) INC.
Well	DALE 4B-20H-0264
Field	WATTENBERG
County	WELD
State	COLORADO