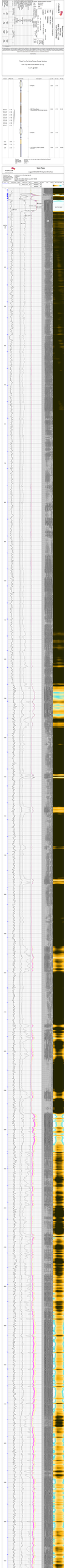
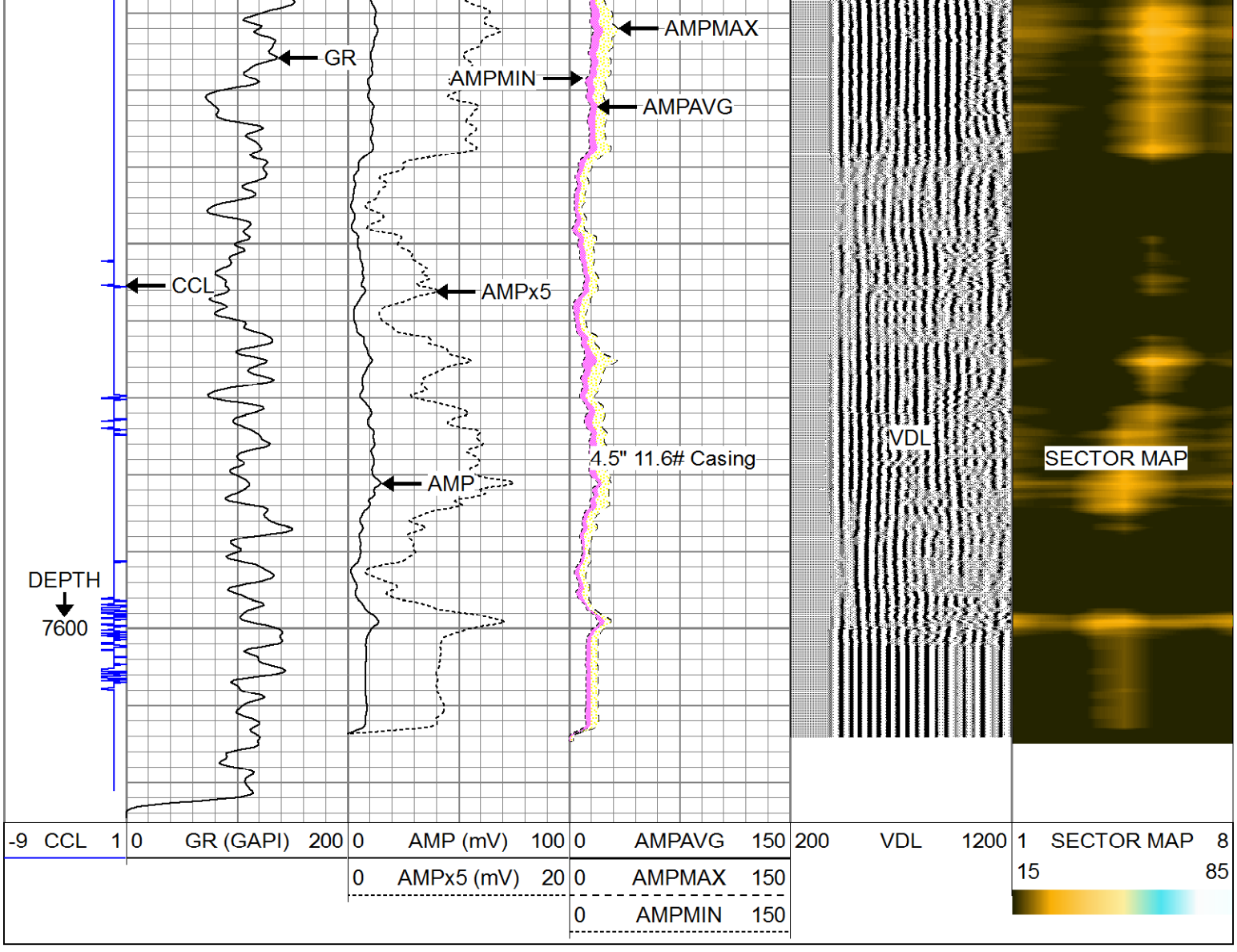


Tower Two Irving Tower Energy Services
Line Two Data Point 6/14/2013 Rig
KLLF @ 6600
Main Pass
Logged FEB 2000 TD System Ft Surface



Calibration Report

Database File: anadarko_nrc_4n-8hz_jbgr_logs.db
Dataset Pathname: run2/pass1
Dataset Creation: Sun Mar 23 14:29:25 2014 by Log SCH 120430

Gamma Ray Calibration Report

Serial Number:	130608	
Tool Model:	GRCCLTEMP	
Performed:	Sun Jun 13 14:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Temperature Calibration Report

Serial Number:	130608	
Tool Model:	GRCCLTEMP	
Performed:	Thu Aug 15 08:56:46 2013	
	Reference	Reading
Low Reference:	100.00 degF	6509.65degF
High Reference:	350.00 degF	27350.70degF
Gain:	0.01	
Offset:	21.91	
Delta Spacing	1	

Segmented Cement Bond Log Calibration Report

Serial Number:	Base	
Tool Model:	Probe	
Calibration Casing Diameter:	7.000	in
Calibration Depth:	918.155	ft

Master Calibration, performed Sun Mar 23 14:38:45 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.030	0.780	2.000	62.165	80.211	-0.398
CAL	0.963	0.984				
5'	0.024	0.791	2.000	62.165	78.413	0.112
SUM						
S1	0.019	0.735	5.000	95.000	125.559	2.664
S2	0.030	0.784	5.000	95.000	119.280	1.476
S3	0.042	0.819	5.000	95.000	115.899	0.123
S4	0.042	0.822	5.000	95.000	115.355	0.125
S5	0.031	0.787	5.000	95.000	118.901	1.367
S6	0.025	0.758	5.000	95.000	122.694	1.978
S7	0.025	0.721	5.000	95.000	129.286	1.812
S8	0.025	0.726	5.000	95.000	128.377	1.813

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	0.963	0.984	1.000	0.000

Air Zero Calibration, performed Sun Mar 23 11:47:36 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	Anadarko Petroleum Corporation
Well	NRC 4N-8HZ
Field	Wattenberg
County	Weld
State	Colorado