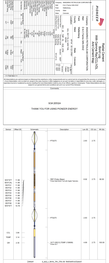

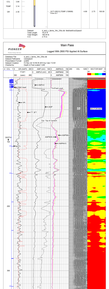

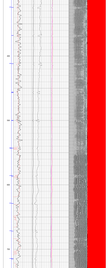

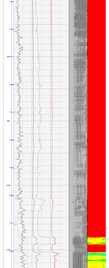

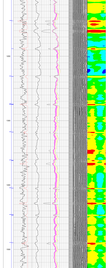

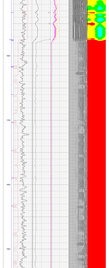

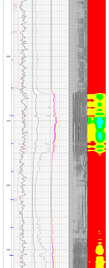

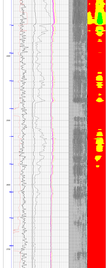

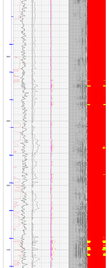

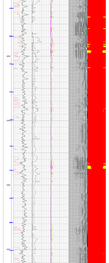

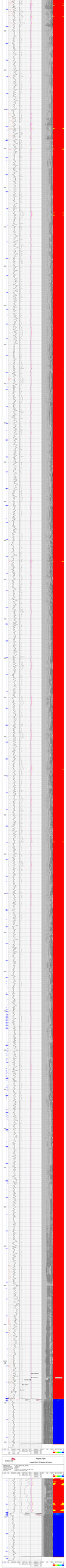

Calibration Report

Database File: d_and_c_farms_34n_33hz.db
Dataset Pathname: run2/pass1
Dataset Creation: Fri Nov 22 13:16:33 2013 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	130608	
Tool Model:	GRCCLTEMP	
Performed:	Sun Jun 13 13:33:21 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 07:56:46 2013	
	Reference	Reading
Low Reference:	100.00 degF	6509.65degF
High Reference:	350.00 degF	27350.76degF
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:	3826.258	ft

Master Calibration, performed Fri Nov 22 13:06:42 2013:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.044	0.675	2.000	62.165	83.636	5.679
CAL	0.993	0.998				
5'	0.067	0.621	2.000	62.165	108.744	-5.321
SUM						
S1	-0.023	0.609	0.000	95.000	150.109	3.513
S2	-0.031	0.668	0.000	95.000	135.985	4.208
S3	-0.021	0.731	0.000	95.000	126.282	2.628
S4	-0.000	0.783	0.000	95.000	121.346	0.033
S5	-0.020	0.779	0.000	95.000	119.004	2.350
S6	-0.021	0.723	0.000	95.000	127.649	2.691
S7	-0.015	0.648	0.000	95.000	143.338	2.094
S8	-0.036	0.593	0.000	95.000	151.015	5.438

Internal Reference Calibration, performed Wed Aug 21 11:08:58 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.993	0.998	1.000	0.000

Air Zero Calibration, performed Sat Nov 09 07:23:33 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	ANADARKO PETROLEUM CORPORAT
Well	D & C Farms 34N-33HZ
Field	Wattenberg
County	Weld
State	Colorado