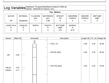

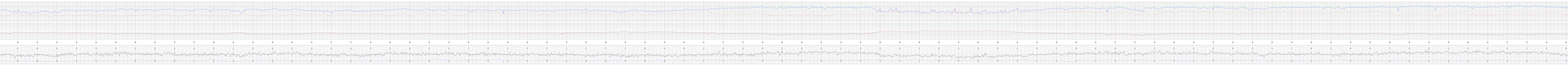

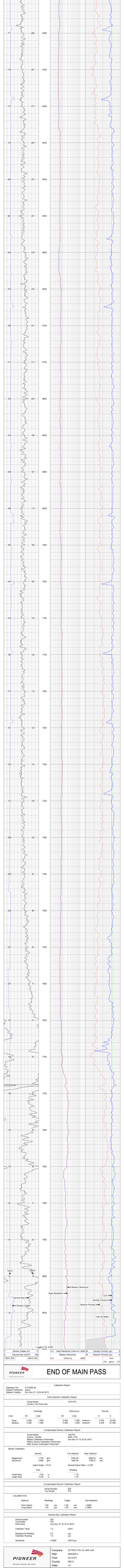

PIONEER

END OF MAIN PASS

Database File: 2-07/3665.db
Dataset Pathname: pass3
Output Creation: Sun Nov 01 10:24:46 2015

Calibration Report

Gain Induction Calibration Report

Serial Model: Surface Cal Performed:

1010-PTD

Readings			References		Results	
Limit	Air	Limit	Air	Limit	R	S
Deep	0.000	1.500	0.000	1.500 mmhos/m	0.150	23.000
Medium	0.000	1.000	0.000	1.000 mmhos/m	0.440	27.000

Compensated Density Calibration Report

Serial Model:	LDL-PTD
Source / Vertilter:	6400 / 1101
Before Survey Verification Performed:	Sun Nov 01 10:35:42 2015
After Survey Verification Performed:	

Master Calibration				
	Density		Far Detector	Near Detector
Magnesium	1.750 g/cc		1054.60	2638.01 cps
Aluminum	2.710 g/cc		1054.60	2638.01 cps
	Spine Angle = 74.91		Density/Spine Ratio = 0.336	
	Size		Reading	
Small Ring	6.00 in		1.94	
Large Ring	8.00 in		2.58	

Compensated Neutron Calibration Report

Serial Number:	822
Tool Model:	3132

CALIBRATION			
Detector	Readings	Target	Normalization
Short Spine	1.00 cps	1.000	1.000
Long Spine	1.00 cps	1.000	1.000

Gamma Ray Calibration Report

Serial Number:	822
Tool Model:	3132
Performed:	Sun Nov 01 10:10:40 2015
Calibrator Value:	1.0 GAPI
Background Reading:	0.0 cps
Calibrator Reading:	1.0 cps
Sensitivity:	0.0200 GAPI/cps

PIONEER
Pioneer Energy Services

Company:	EXTRACTION OIL AND GAS
Well:	HEADER 4
Field:	WILDCAT
County:	WELD
State:	CO