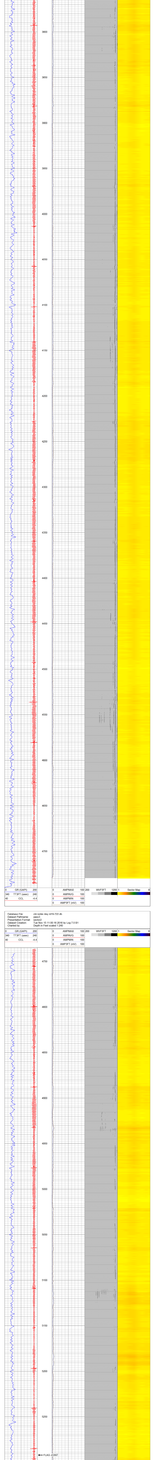
Mud Gas Data
Total Gas
Chromatograph
C1
C2
C3
C4
C5
Lithology
Sandstone
Siltstone
Limestone
Dolomite
Anhydrite
Salt
Coal
Shale
Chert
Gypsum
Basement
Cuttings Gas
Connection Gas
Trip Gas
Background Gas
Drilling Parameters
Weight on Bit
Rotary Speed
Rate of Penetration
Torque
Standpipe Pressure
Pump Rate
Pump Pressure
Mud Parameters
Mud Weight In
Mud Weight Out
Flow Rate In
Flow Rate Out
Mud Temperature In
Mud Temperature Out
Pit Volume
Pit Volume Total
Gamma Ray
Resistivity
Density
Neutron Porosity
Caliper
Sonic



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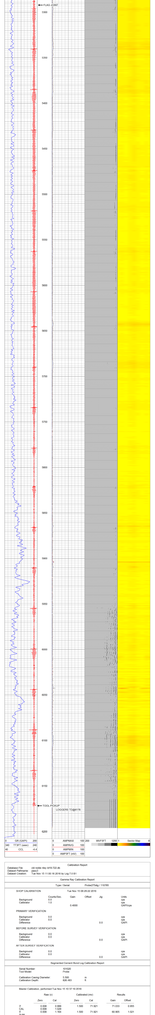
100.000	0.00	100.000	0	AMPAGE	100
0	0.00	+0	0	AMPERE	100
			0	AMPS/DIV	0.100

Database File: 20110406 Alta 4370 TD.db
Dataset Name: Alta 4370 TD
Dataset Created: Tue Apr 19 11:08:18 2016 by Agilent Technologies
Created by: Depth in Feet Linear (*.DFP)

			0	AMPAGE	100.000
100.000	0.00	100.000	0	AMPAGE	100
0	0.00	+0	0	AMPERE	100
			0	AMPS/DIV	0.100



			0	AMPAGE	100.000
100.000	0.00	100.000	0	AMPAGE	100
0	0.00	+0	0	AMPERE	100
			0	AMPS/DIV	0.100

Database File: 20110406 Alta 4370 TD.db
Dataset Name: Alta 4370 TD
Dataset Created: Tue Apr 19 11:08:18 2016 by Agilent Technologies

Hammer Rig Calibration Report

Cust. Owner: Powell Rigs, LTD/RE

Tue Nov 15 08:20:30 2016

SCAP CALIBRATION				
	Counts/Sec	Offset	Alt	Units
Displacement	0.0			Inch
Calibration		0.0000		Inch/Page
PRIMARY VERIFICATION				
Displacement	0.0		0.0	Inch
Verification	0.0			Inch
MOTOR SURVEY VERIFICATION				
Displacement	0.0			Inch
Verification	0.0		0.0	Inch
AFTER SURVEY VERIFICATION				
Displacement	0.0			Inch
Verification	0.0		0.0	Inch

Hydrofrost Cement Mixed Log Calibration Report

Serial Number	101287
Date	11/15/2016
Calibration Casing Diameter	5.188 in
Calibration Depth	598.40 ft

Master Calibration, performed Tue Nov 15 10:17:16 2016

Raw Lo			Calibrated Limit		Results	
	Zero	Cal	Zero	Cal	Span	Offset
Hi	0.000	0.000			17.000	0.000
Lo	0.000	0.000				
1	0.000	0.000	1.000	17.000	16.000	1.000
2	0.000	0.000				
3	0.000	0.000	3.000	51.000	48.000	3.000
4	0.000	0.000	4.000	68.000	64.000	4.000
5	0.000	0.000	5.000	85.000	80.000	5.000
6	0.000	0.000	6.000	102.000	96.000	6.000
7	0.000	0.000	7.000	119.000	112.000	7.000
8	0.000	0.000	8.000	136.000	128.000	8.000
9	0.000	0.000	9.000	153.000	144.000	9.000
10	0.000	0.000	10.000	170.000	160.000	10.000

Internal Reference Calibration, performed Fri Jan 01 15:56:35 2010

Raw Lo			Calibrated Limit		Results	
	Zero	Cal	Zero	Cal	Span	Offset
CAL	0.000	0.000	0.000	0.000	0.000	0.000

Air Gun Calibration, performed Tue Nov 15 08:21:30 2016

Raw Lo			Calibrated Limit		Results	
	Zero	Cal	Zero	Cal	Span	Offset
Hi	0.000				0.000	0.000
Lo	0.000				0.000	0.000
CAL	0.000				0.000	0.000
1	0.000				0.000	0.000
2	0.000				0.000	0.000
3	0.000				0.000	0.000
4	0.000				0.000	0.000
5	0.000				0.000	0.000
6	0.000				0.000	0.000
7	0.000				0.000	0.000
8	0.000				0.000	0.000
9	0.000				0.000	0.000
10	0.000				0.000	0.000