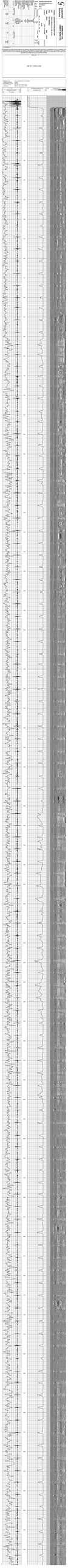

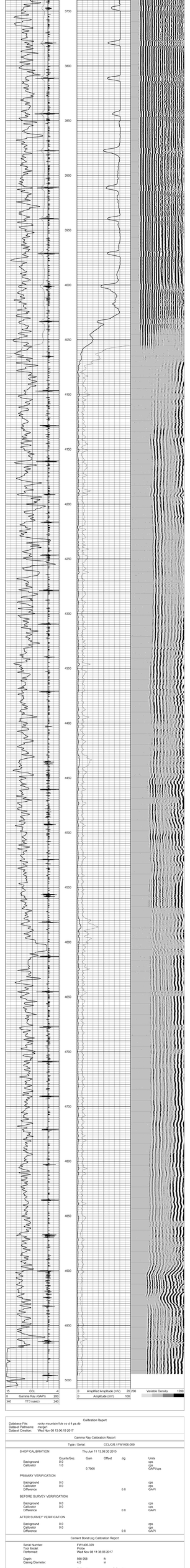

Casedhole Solutions

GAMMA RAY CCL CEMENT BOND VDL

Company ANADARKO PETROLEUM CORP
Well ROCKY MOUNTAIN FUEL CO D 4
Field WATTENBERG
County WELD State COLO
API #: 05-123-08527

Location:
NE SW
SEC 19 TWP 2N RGE 67W

Other Services

Permanent Datum GL Elevation 4944
Log Measured From KB 7'
Drilling Measured From KB

Elevation
K.B. 4951
D.F.
G.L. 4944

Company ANADARKO PETROLEUM CORP
Well ROCKY MOUNTAIN FUEL CO D 4
Field WATTENBERG
County WELD
State COLO

Date	NOV-8-2017
Run Number	ONE
Depth Driller	8079
Depth Logger	5000
Bottom Logged Interval	5000
Top Log Interval	SURFACE
Casing Size	4.5
Type Fluid	WATER
Max. Recorded Temp.	NA
Estimated Cement Top	
Time Well Ready	12:00
Time Logger On Bottom	12:30
Unit Number	92-3827
Tool Size / ID Number	1 11/16 PROBE
Location	STERLING, CO
Recorded By	KYLE GIRDLER
Witnessed By	DESI NAVA

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8	24	7	577
Prot. String	4.5	10.5	7	5053
Production String				
Liner				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

LOG NOT CORRELATED

Database File: rocky mountain fule co d 4 pa.db
Dataset Pathname: merge1
Presentation Format: nuexcbl
Dataset Creation: Wed Nov 08 13:06:19 2017
Charted by: Depth in Feet scaled 1:240

Calibration Report

Database File: rocky mountain fule co d 4 pa.db
Dataset Pathname: merge1
Dataset Creation: Wed Nov 08 13:06:19 2017

Gamma Ray Calibration Report

Type / Serial: CCL/GR / FW1406-009

SHOP CALIBRATION Thu Jun 11 13:08:30 2015

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.7000			GAPI/cps

PRIMARY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Cement Bond Log Calibration Report

Serial Number: FW1406-029
Tool Model: Probe
Performed: Wed Nov 08 11:36:06 2017

Depth: 590.958 ft
Casing Diameter: 4.5 in

	3' Spacing	5' Spacing	
Signal Zero:	1	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	0	0	V
Reading in Free Pipe:	2.49668	2.47886	V
Gain:	32.1211	32.7555	
Offset:	1	0	