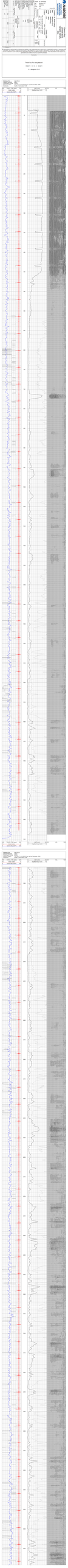

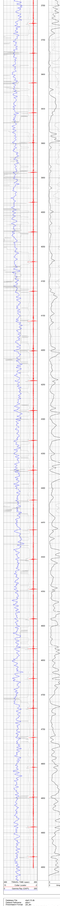

Company	St. James Energy
Well	Albrighton 3-10
Field	Wattenberg
County	Weld
State	CO
Country	USA

NABORS
COMPLETION & PRODUCTION SERVICES CO.

Gamma Ray, Cement Bond, Variable Density, CCL

Company	St. James Energy
Well	Albrighton 3-10
Field	Wattenberg
County	Weld
State	CO
Country	USA

Location: API #: 05-123-37281
SHL: 1170' FSL & 1318' FWL-- SW/SW
BHL: 684' FSL & 1981' FWL-- SE/SW
SEC 10 TWP 6N RGE 64W

Other Services

Permanent Datum: Ground Level Elevation 4807'
Log Measured From: Kelley Bushing
Drilling Measured From: Kelley Bushing

Elevation
K.B. 4821'
D.F. 4820'
G.L. 4807'

Date	June 27, 2013
Run Number	1
Depth Driller	7245'
Depth Logger	7210'
Bottom Logged Interval	7210'-5000'
Top Log Interval	5000'-0'
Open Hole Size	
Type Fluid	water
Density / Viscosity	
Max. Recorded Temp.	n/a
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	3312 1 11/16 tit
Location	WCR55+70,E3/10,N2/10,Winto
Recorded By	Jake Meisner
Witnessed By	Kent Moore

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4.5"			
Liner				

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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

Thank You For Using Nabors!

<WEST> O O X <EAST>

X = Albrighton 3-10

Database File: stja3-10.db
Dataset Pathname: pass3
Presentation Format: cbl_drs
Dataset Creation: Thu Jun 27 11:53:07 2013 by Log Std Casedhole 10081
Charted by: Depth in Feet scaled 1:240

400	TRAVEL TIME (usec)	200	0	AMP3 (mV)	100	200	VDL	1200
15	Collar Locator	-2	0	Amplified Amp 3 (mV)	10			
0	Gamma Ray (GAPI)	200						

Database File: stja3-10.db
Dataset Pathname: pass2
Presentation Format: cbl_drs
Dataset Creation: Thu Jun 27 11:26:06 2013 by Log Std Casedhole 10081
Charted by: Depth in Feet scaled 1:240

400	TRAVEL TIME (usec)	200	0	AMP3 (mV)	100	200	VDL	1200
15	Collar Locator	-2	0	Amplified Amp 3 (mV)	10			
0	Gamma Ray (GAPI)	200						

Database File: stja3-10.db
Dataset Pathname: pass1
Presentation Format: cbl_drs
Dataset Creation: Thu Jun 27 10:58:55 2013 by Log Std Casedhole 10081
Charted by: Depth in Feet scaled 1:240

Calibration Report

Database File: stja3-10.db
Dataset Pathname: pass1
Dataset Creation: Thu Jun 27 10:58:55 2013 by Log Std Casedhole 10081

Gamma Ray Calibration Report

Serial Number:	tit/temp	
Tool Model:	temp/tit	
Performed:	Tue Dec 11 08:08:39 2012	
Calibrator Value:	0.8	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.8000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	TEKCO-01		
Tool Model:	TEKCO-1x2		
Performed:	Thu Jun 27 08:51:12 2013		
Depth:	247.375	ft	
Casing Diameter:	4.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	0.8	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	-0.00666504	-0.00766602	V
Reading in Free Pipe:	1.16907	0.357837	V
Gain:	68.3794	222.149	
Offset:	1.25575	1.703	