NABORS
COMPLETION & PRODUCTION SERVICES CO.

Gamma Ray, Cement Bond, Variable Density, CCL

Company	St. James Energy Operating, INC.
Well	Larsen Fairmeadows 5-30
Field	Wattenberg
County	Weld
State	Colo
	Country USA

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Location: API # : 05-123-29708
649' FSL & 1909' FWL
SE / SW
SEC 30 TWP 6N RGE 63W

Other Services
Perforate

Permanent Datum	Ground Level	Elevation	4640'
Log Measured From	Kelley Bushing		
Drilling Measured From	Kelley Bushing		

Elevation
K.B. 4653'
D.F. 4652'
G.L. 4640'

Date	April 11, 2013
Run Number	1
Depth Driller	6938'
Depth Logger	6887'
Bottom Logged Interval	6887'-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	WCRs64+61,E2/10,NEinto
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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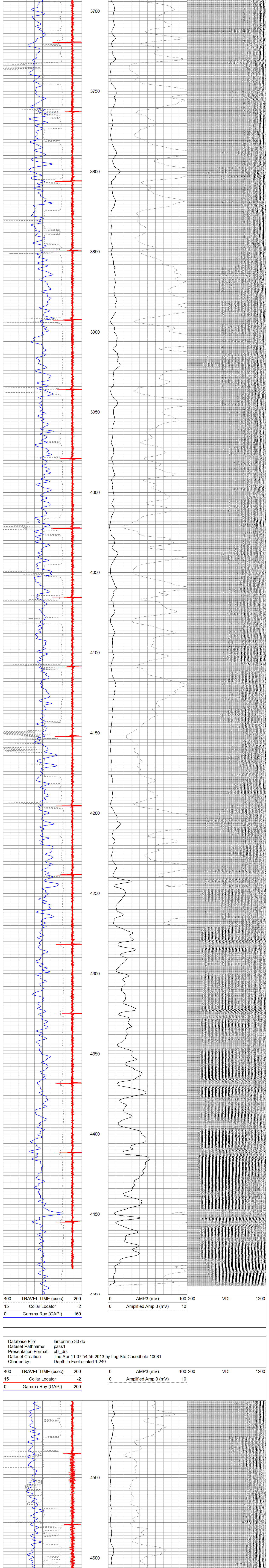
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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!

Database File:	larsonfm5-30.db
Dataset Pathname:	pass3
Presentation Format:	cbl_drs
Dataset Creation:	Thu Apr 11 08:47:09 2013 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240

Database File:	larsonfm5-30.db
Dataset Pathname:	pass2
Presentation Format:	cbl_drs
Dataset Creation:	Thu Apr 11 08:22:50 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)	160						

Database File: larsonfm5-30.db
Dataset Pathname: pass1
Presentation Format: cbl_drs
Dataset Creation: Thu Apr 11 07:54:56 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						

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						