NABORS
COMPLETION & PRODUCTION SERVICES CO.

GAMMA RAY CCL
CEMENT BOND VDL

Company ST. JAMES ENERGY OPERTATING, INC.
Well FAIRMEADOWS 4-30
Field WATTENBERG
County WELD
State COLORADO

Company	ST. JAMES ENERGY OPERTATING, INC.
Well	FAIRMEADOWS 4-30
Field	WATTENBERG
County	WELD
State	COLORADO
Location:	API #: 0512329045 1978' FSL & 1972' FEL NW/SE SEC 30 TWP 6N RGE 63W
Other Services	
Permanent Datum	GL
Elevation	4646
Log Measured From	KB
Drilling Measured From	KB
Elevation	K.B. 4659 D.F. 4658 G.L. 4646

Date	APRIL 3, 2013
Run Number	ONE
Depth Driller	6918
Depth Logger	6861
Bottom Logged Interval	6860
Top Log Interval	SURFACE
Open Hole Size	7-7/8
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	231°F
Estimated Cement Top	232
Time Well Ready	PORTABLE MAST
Time Logger on Bottom	2-3/4 PROBE 110803
Equipment Number	4838
Location	45
Recorded By	GREG NOLAN
Witnessed By	KENT MOORE

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

	Size	Wgt/Ft	Top	Bottom
Casing Record				
Surface String				
Prot. String				
Production String	4-1/2			
Liner				

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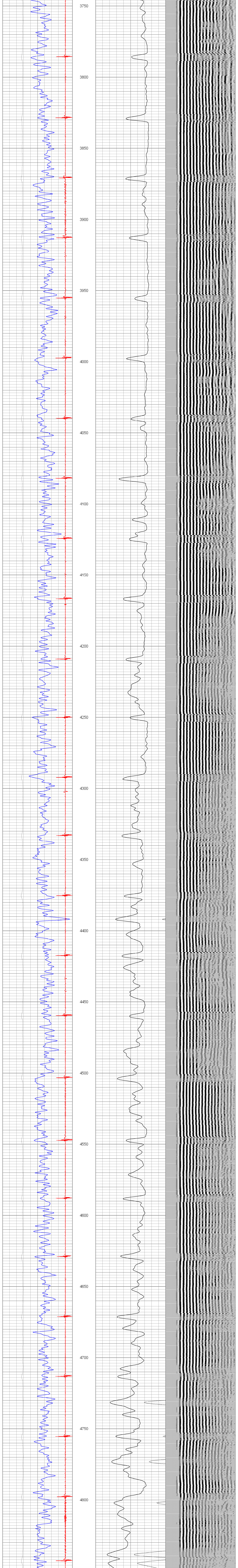
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

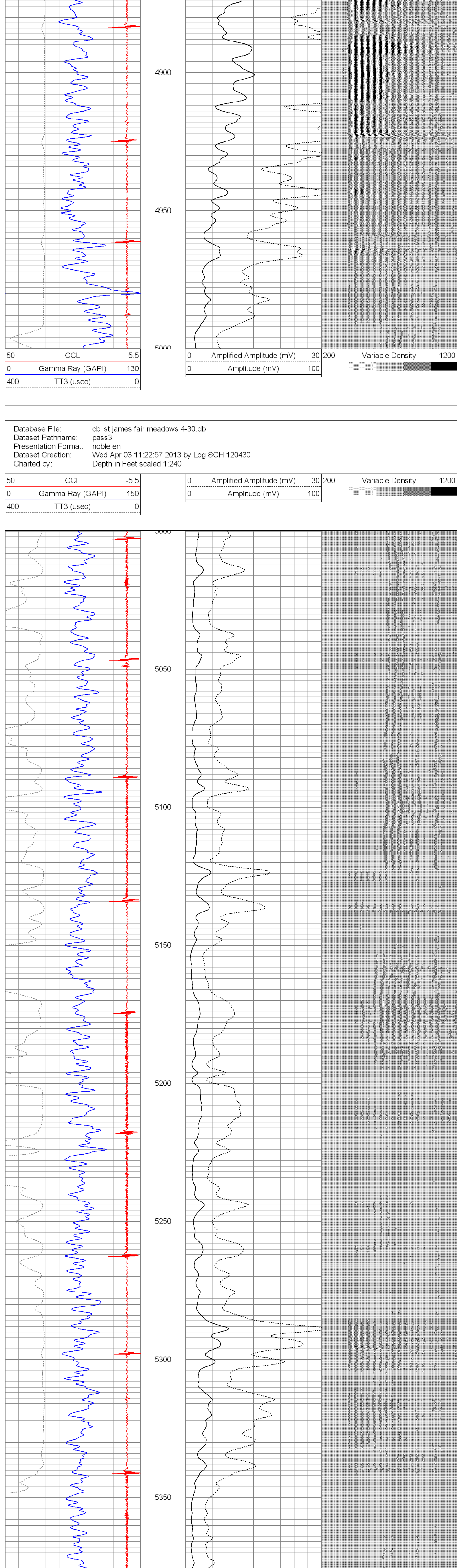
Comments

THANK YOU FOR CHOOSING NCPS!!!!
LOG CORRELATED TO PSI HIGH RES., COMP. DENSITY/NEUTRON LOG DATED APRIL 11, 2011
WCR 61&64, E.6, N/NW INTO

Database File:	cbl st james fair meadows 4-30.db
Dataset Pathname:	pass4
Presentation Format:	noble en
Dataset Creation:	Wed Apr 03 11:39:10 2013 by Log SCH 120430
Charted by:	Depth in Feet scaled 1:240



Database File: cbl st james fair meadows 4-30.db
Dataset Pathname: pass3
Presentation Format: noble en
Dataset Creation: Wed Apr 03 11:22:57 2013 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240



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Calibration Report

Database File: cbl st james fair meadows 4-30.db
Dataset Pathname: pass3
Dataset Creation: Wed Apr 03 11:22:57 2013 by Log SCH 120430

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 101011

	Counts/Sec.	Gain	Offset	Jig	Units
SHOP CALIBRATION	Wed May 04 08:11:02 2011				
Background	0.0				cps
Calibrator	1.0				cps
		0.6000			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: 110803
Tool Model: Probe275Digital
Performed: Wed Apr 03 11:05:21 2013

Depth: 137.25 ft
Casing Diameter: 4.5 in

	3' Spacing	5' Spacing	
Signal Zero:	1.5	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	-0.00583496	-0.00585938	V
Reading in Free Pipe:	2.48838	2.22185	V
Gain:	31.9524	36.4482	
Offset:	1.68644	0.213564	