Company	Noble Energy Inc.
Well	DPG F 12-27
Field	Wattenberg
County	Weld
State	Colorado

HALLIBURTON

CEMENT BOND LOG

SCALE 1:240

Company	Noble Energy Inc.
Well	DPG F 12-27
Field	Wattenberg
County	Weld
State	Colorado

API No.: 05-123-29084-00 Serv #: 644171

Location: 280' FNL & 1220' FEL NE NE

Other Services

PERFORATION RECORD

Sec: 12 Twp: 5N Rge: 65W

Permanent Datum	GL	Elevation 4603	Elevation	
Log Measured From	KB . 10 Ft. above perm. datum		K.B.	4613
Drilling Measured From	KB		D.F.	4612
			G.L.	4603

Date @ Time Logged	January-28-2008	Type Fluid in Hole	2% KCL Water
Run No.	One	Density of Fluid	8.4
Depth - Driller	7063	Fluid Level	Surface
Depth - Logger	7018	Cement Top Est. Logged	1539
Bottom - Logged Interval	7006	Equipment / Location	11014931 / Brighton
Top - Log Interval	1257	Recorded by	Adan Saenz
Max. Recorded Temp.	205	Witnessed by	Quinton Dobbins

CEMENTING DATA	Surface String	Protection String	Production String	Liner
Date / Time Cemented				
Primary / Squeeze				
Expected				
Compressive Strength	psi@ hrs	psi@ hrs	psi@ hrs	psi@ hrs
Cement Volume				
Cement Type / Weight	/	/	/	/
Formulation				
Mud Type / Mud Wgt.	/	/	/	/

Borehole Record				Casing & Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
				4.5	11.6	Surface	T.D.

<<< Fold Here >>>

HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHCIH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

Comments

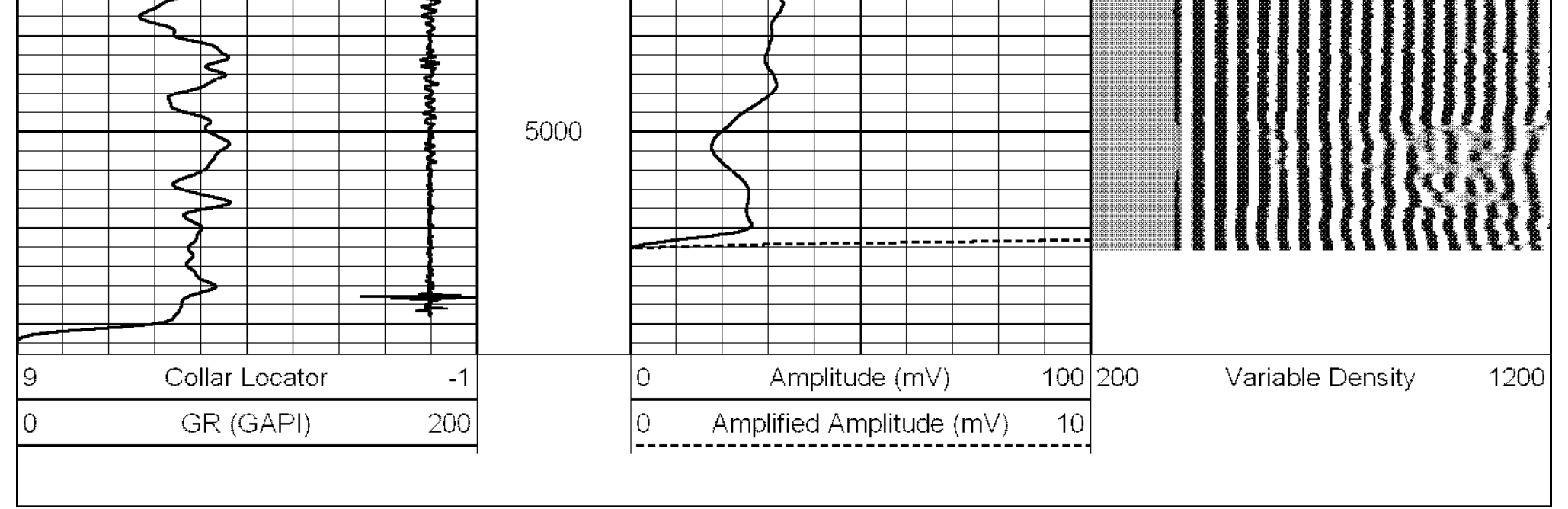
Log correlated to PSI open hole log
Your crew today: Judd Heath, Nick Pataluna, Issac Smith
Thank you for choosing Halliburton

HALLIBURTON

SUSSEX PASS

SCALE 1:240

Database File: noble- dpg f 12-27 cement bond log.db
Dataset Pathname: pass6
Presentation Format: cbldig j
Dataset Creation: Thu Jan 15 12:10:23 2009 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240



9	Collar Locator	-1	0	Amplitude (mV)	100	200	Variable Density	1200
0	GR (GAPI)	200	0	Amplified Amplitude (mV)	10			

HALLIBURTON

SUSSEX PASS

SCALE 1:240

HALLIBURTON

MAIN PASS

SCALE 1:240

Database File:	noble- dpg f 12-27 cement bond log.db
Dataset Pathname:	pass12
Presentation Format:	cbldig
Dataset Creation:	Wed Jan 28 08:11:00 2009 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240

9	Collar Locator	-1	0	Amplitude (mV)	100	200	Variable Density	1200
0	GR (GAPI)	200	0	Amplified Amplitude (mV)	10			

9	Collar Locator	-1	0	Amplitude (mV)	100	200	Variable Density	1200
0	GR (GAPI)	200	0	Amplified Amplitude (mV)	10			

HALLIBURTON

MAIN PASS

SCALE 1:240

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CEMENT BOND
LOG
SCALE 1:240