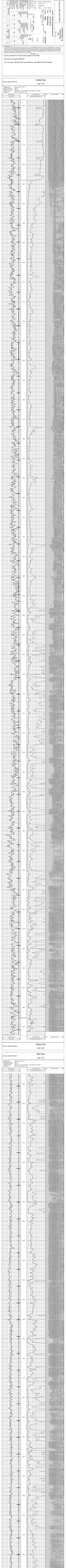

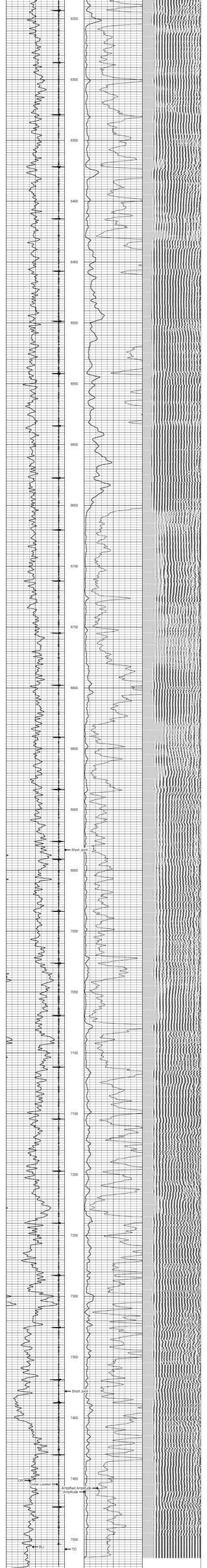

HALLIBURTON

Cement Bond Log
Gamma Ray
CCL

Scale 1:240

Company	Noble Energy Services Inc.
Well	Ale W 29-21
Field	Wattenberg
County	Weld
State	Colorado

Company Noble Energy Services Inc.
Well Ale W 29-21
Field Wattenberg
County Weld State Colorado

API No.: 05-123-28065-00 Serv #: 6351372
Location: 2449' FSL & 2525' FWL
NE SW

Other Services
Perforate

Sec: 29 Twp: 2N Rge: 66W

Permanent Datum	GL	Elevation	4892	Elevation
Log Measured From	KB ,	10 Ft. above perm. datum		KB. 4902 D.F. 4901 G.L. 4892
Drilling Measured From	KB			

Date @ Time Logged	01-December-08	Type Fluid in Hole	Water
Run No.	One	Density of Fluid	8.4
Depth - Driller	7589	Fluid Level	Surface
Depth - Logger	7508	Cement Top Est. Logged	2840
Bottom - Logged Interval	7506	Equipment / Location	10842985 / Brighton
Top - Log Interval	2634	Recorded by	Michael Snyder
Max. Recorded Temp.	Not Recorded	Witnessed by	Joe Brnak

CEMENTING DATA	Surface	Protection	Production	Liner
	String	String	String	
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
One				4.5	11.5	Surface	TD

<<< 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 was correlated to PSI Open Hole log dated 11-Nov-2008

Thank you for choosing Halliburton!

Your crew today: Michael Snyder, Jason Morrison, Jake Walker, Mike Breckenfeld

HALLIBURTON

Sussex Pass

Scale 1:240

Database File: noble_ale_w29-21.db
Dataset Pathname: pass4
Presentation Format: nick_cbl
Dataset Creation: Mon Dec 01 12:52:46 2008 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

HALLIBURTON

Sussex Pass

Scale 1:240

HALLIBURTON

Main Pass

Scale 1:240

Database File: noble_ale_w29-21.db
Dataset Pathname: pass3
Presentation Format: nick_cbl
Dataset Creation: Mon Dec 01 12:22:48 2008 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

HALLIBURTON

Main Pass

Scale 1:240

Company Noble Energy Services Inc.
Well Ale W 29-21
Field Wattenberg
County Weld
State Colorado

HALLIBURTON

Cement Bond Log
Gamma Ray
CCL
Scale 1:240