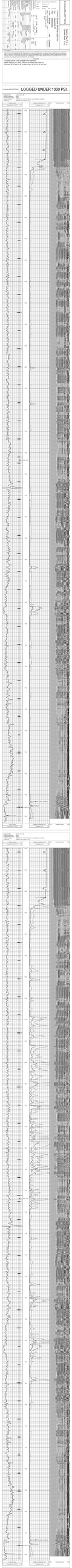

HALLIBURTON

Gamma Ray C.C.L. Cement Bond V.D.L.

Company	Encana Oil & Gas (USA) Inc.
Well	Harsch 42-27
Field	Wattenberg
County	Boulder
State	Colorado

Company Encana Oil & Gas (USA) Inc.
Well Harsch 42-27
Field Wattenberg
County Boulder State Colorado
API No.: 05-013-06544-00 Serv #:
Location: 1835' FNL & 663' FEL
SE NE
Other Services

Sec: 27 Twp: 2N Rge: 69W

Permanent Datum	GL	Elevation 5036	Elevation	K.B. 5051
Log Measured From	KB . 15 Ft. above perm. datum			D.F. 5050
Drilling Measured From	KB			G.L. 5036

Date @ Time Logged	February 28, 2008	Type Fluid in Hole	Water
Run No.	One	Density of Fluid	Water
Depth - Driller	8045	Fluid Level	Surface
Depth - Logger	8017	Cement Top Est. Logged	6464
Bottom - Logged Interval	8015	Equipment / Location	10842980 / Brighton
Top - Log Interval	6348	Recorded by	Scott Dizmang
Max. Recorded Temp.	NOT RECORDED	Witnessed by	Cecil Clark

CEMENTING DATA	Surface String	Protection String	Production String	Liner
Date / Time Cemented				
Primary / Squeeze				
Expected		D.V. Tool @	TOC	
Compressive Strength	psi@ hrs	psi@ hrs	psi@ hrs	psi@ hrs
Cement Volume				
Cement Type / Weight	/	50/50 Premium /	Premium /	/
Formulation		1.340 Yield	1.5 Yield	
Mud Type / Mud Wgt.	/	/	/	/

Borehole Record			Casing & Tubing Record			
Bit	From	To	Size	Weight	From	To
			4.5	11.6	TD	Surface

Run Number

<<< 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

Corrected uphole 2 ft to correlate to PSI openhole
datedv February 15, 2008. Pass two recorded under 1000 psi.
Perforate 7973-7984 3 1/8" Scallop 23 gm .42" eh 35.10" pen 2spf

HALLIBURTON

LOGGED UNDER 1000 PSI.

Database File: harsch 42-27.db
Dataset Pathname: pass2
Presentation Format: cbldig
Dataset Creation: Wed Feb 27 18:50:42 2008 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

Database File: harsch 42-27.db
Dataset Pathname: pass1
Presentation Format: cbldig
Dataset Creation: Wed Feb 27 18:26:05 2008 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240