HALLIBURTON

CEMENT BOND LOG

SCALE: 5"=100'

Company	ENCANA OIL & GAS INC
Well	HELEN 0-4-23
Field	WATTENBERG
County	WELD
State	COLORADO

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Well HELEN 0-4-23
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County WELD State COLORADO

API No.: 05014206880000 Serv #:
Location: NWSW 23-1N-68W6M
NWSW 23-1N-68W6M

Other Services

Sec: 23 Twp: 1N Rge: 68W6M

Permanent Datum		Elevation	
Log Measured From	Ft. above perm. datum		K.B. 5161
Drilling Measured From			D.F. 5160
			G.L. 5149

Date @ Time Logged	NOVEMBER 18, 2010	Type Fluid in Hole	WATER
Run No.	1	Density of Fluid	8.33
Depth - Driller	8714	Fluid Level	SURFACE
Depth - Logger	8237	Cement Top Est. Logged	3770
Bottom - Logged Interval	8225	Equipment / Location	10971660 / BRIGHTON
Top - Log Interval	3570	Recorded by	J. HEATH
Max. Recorded Temp.	249	Witnessed by	TOM MAJORS

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
1	7.875	SURFACE	8714	7.5	11.6	SURFACE	8714

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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

THIS LOG IS THE PRIMARY LOG FOR THIS WELL
CREW TODAY: R. CRAWFORD, C. STOKER
THANK YOU FOR USING HALLIBURTON ENERGY SERVICES

HALLIBURTON

MAIN PASS

SCALE: 5"=100"

Database File: encana_helen 0-4-23 cbl.db
Dataset Pathname: pass5
Presentation Format: matt_cbl
Dataset Creation: Fri Nov 19 14:28:22 2010 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

HALLIBURTON

MAIN PASS

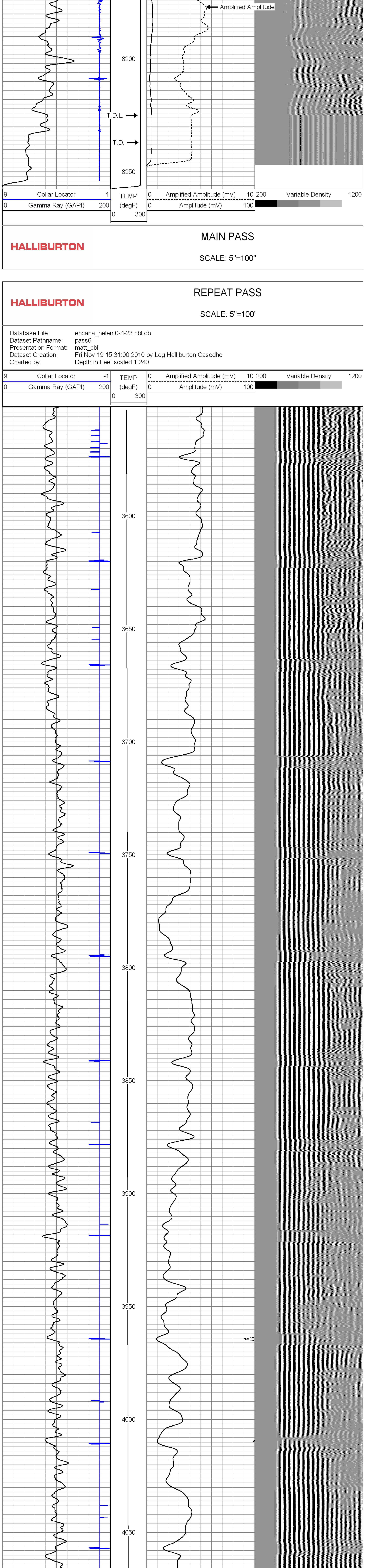
SCALE: 5"=100"

HALLIBURTON

REPEAT PASS

SCALE: 5"=100'

Database File: encana_helen 0-4-23 cbl.db
Dataset Pathname: pass6
Presentation Format: matt_cbl
Dataset Creation: Fri Nov 19 15:31:00 2010 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240



HALLIBURTON

REPEAT PASS

SCALE: 5"=100'

Company	ENCANA OIL & GAS INC
Well	HELEN 0-4-23
Field	WATTENBERG
County	WELD
State	COLORADO

HALLIBURTON

CEMENT BOND LOG

SCALE: 5"=100'