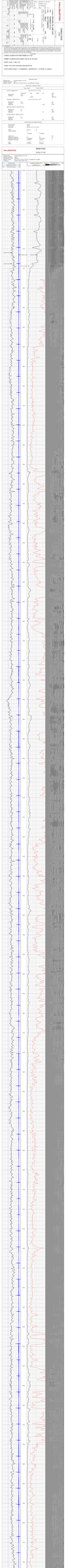

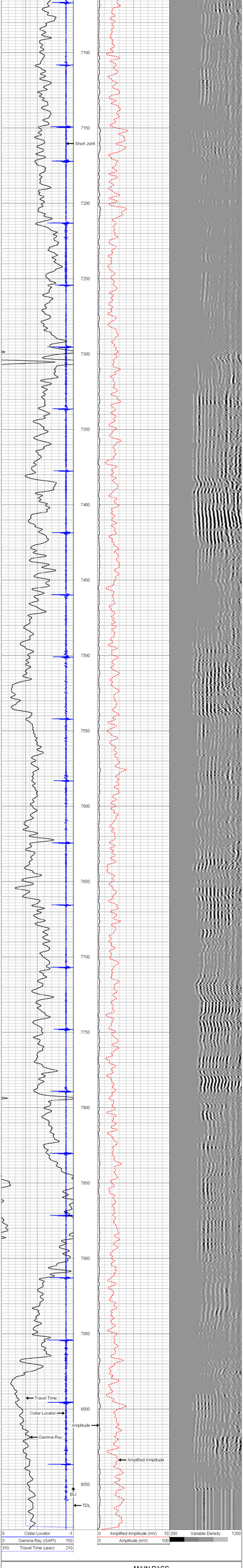

HALLIBURTON

CEMENT BOND LOG

SCALE: 5"=100'

Company	ENCANA OIL AND GAS
Well	KENNEDY 6-0-21
Field	WATTENBERG
County	WELD
State	CO

Company ENCANA OIL AND GAS
Well KENNEDY 6-0-21
Field WATTENBERG
County WELD State CO
API No.: 05123320370000 Serv #: 7910226
Location: SHL: NWNE 21-2N-68W6M

Other Services
NONE

Sec: 21 Twp: 2N Rge: 68W

Permanent Datum	GL	Elevation	4885	Elevation
Log Measured From	KB	13 Ft. above perm. datum		K.B. 4898
Drilling Measured From	KB			D.F. 4897
				G.L. 4885

Date @ Time Logged	19-JAN-2011	Type Fluid in Hole	2% KCL WATER
Run No.	ONE	Density of Fluid	8.4
Depth - Driller	8121	Fluid Level	SURFACE
Depth - Logger	8064	Cement Top Est. Logged	3744
Bottom - Logged Interval	8052	Equipment / Location	10529828 / BRIGHTON
Top - Log Interval	3500	Recorded by	KYLE TOWNSEND
Max. Recorded Temp.	249	Witnessed by	MR. 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.	/	/	/	/

Run Number	Borehole Record			Casing & Tubing Record			
	Bit	From	To	Size	Weight	From	To
				4.5	11.6	SURFACE	8128

<<< 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

CASING CALIBRATION PERFORMED AT 3722'

GAMMA CALIBRATION BLANKET VALUE OF 230 GAPI

SHORT JOINT: 7149'-7172'

THANK YOU FOR CHOOSING HALLIBURTON

YOUR CREW TODAY: K. TOWNSEND, J. MORRISON, C. STOKER, B. LAWLEY

Calibration Report

Database File: encana kennedy 6-0-21.db
Dataset Pathname: pass5
Dataset Creation: Mon Jul 19 07:46:47 2010 by Log Halliburton Casedho

Gamma Ray Calibration Report

Type / Serial: Probe / 070361

	Counts/Sec.	Gain	Offset	Jig	Units
SHOP CALIBRATION	Mon Jul 19 07:37:13 2010				
Background	139.1				cps
Calibrator	529.6				cps
		0.5890			GAPI/cps
PRIMARY VERIFICATION	Mon Jul 19 07:40:37 2010				
Background	82.3				cps
Calibrator	316.3				cps
Difference				234.0	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: 070347
Tool Model: Probe
Performed: Mon Jul 19 07:31:39 2010

Depth: 3721.28 ft
Casing Diameter: 5.5 in

	3' Spacing	5' Spacing	
Signal Zero:	1	1	mV
Calibrated Amplitude:	82	82	mV
Reading at Signal Zero:	0.00368652	0.00114746	V
Reading in Free Pipe:	0.384668	0.304321	V
Gain:	212.609	267.173	
Offset:	0.216213	0.693429	

HALLIBURTON

MAIN PASS

SCALE: 5"=100'

Database File: encana kennedy 6-0-21.db
Dataset Pathname: pass5
Presentation Format: 00katcbl
Dataset Creation: Mon Jul 19 07:46:47 2010 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

MAIN PASS

SCALE: 5"=100'

Company ENCANA OIL AND GAS
Well KENNEDY 6-0-21
Field WATTENBERG
County WELD
State CO

CEMENT BOND
LOG

SCALE: 5"=100'