HALLIBURTON

Cement Bond Log Gamma Ray, CCL

Scale 1:240

Company	Encana Oil & Gas (USA) Inc
Well	Vessels Minerals 14-19
Field	Wattenberg
County	Weld
State	Colorado

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Well Vessels Minerals 14-19
Field Wattenberg
County Weld State Colorado
API No.: 051233927900 Serv #:
Location: SHL: 1512' FSL/ 1053' FWL
BHL: 560' FSL/ 560' FWL
NWSW
Other Services None
Sec: 19 Twp: 1N Rge: 68W

Permanent Datum	GL	Elevation 5064	Elevation	K.B. 5079
Log Measured From	KB , 15 Ft. above perm. datum			D.F. 5078
Drilling Measured From	KB			G.L. 5064

Date @ Time Logged	14-July-09	Type Fluid in Hole	Water
Run No.	One	Density of Fluid	8.4
Depth - Driller	8536	Fluid Level	Surface
Depth - Logger	8469	Cement Top Est. Logged	4586
Bottom - Logged Interval	8467	Equipment / Location	10971660 / Brighton
Top - Log Interval	4386	Recorded by	Michael Snyder
Max. Recorded Temp.	NA	Witnessed by	Tom Cobb

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		350 Sacks	370 Sacks	
Cement Type / Weight	/	1.95Y / 12.5	1.69Y / 13.5 PPG	/
Formulation		Econ Cem	Frac Cem	
Mud Type / Mud Wgt.	/	/	/	/

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

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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

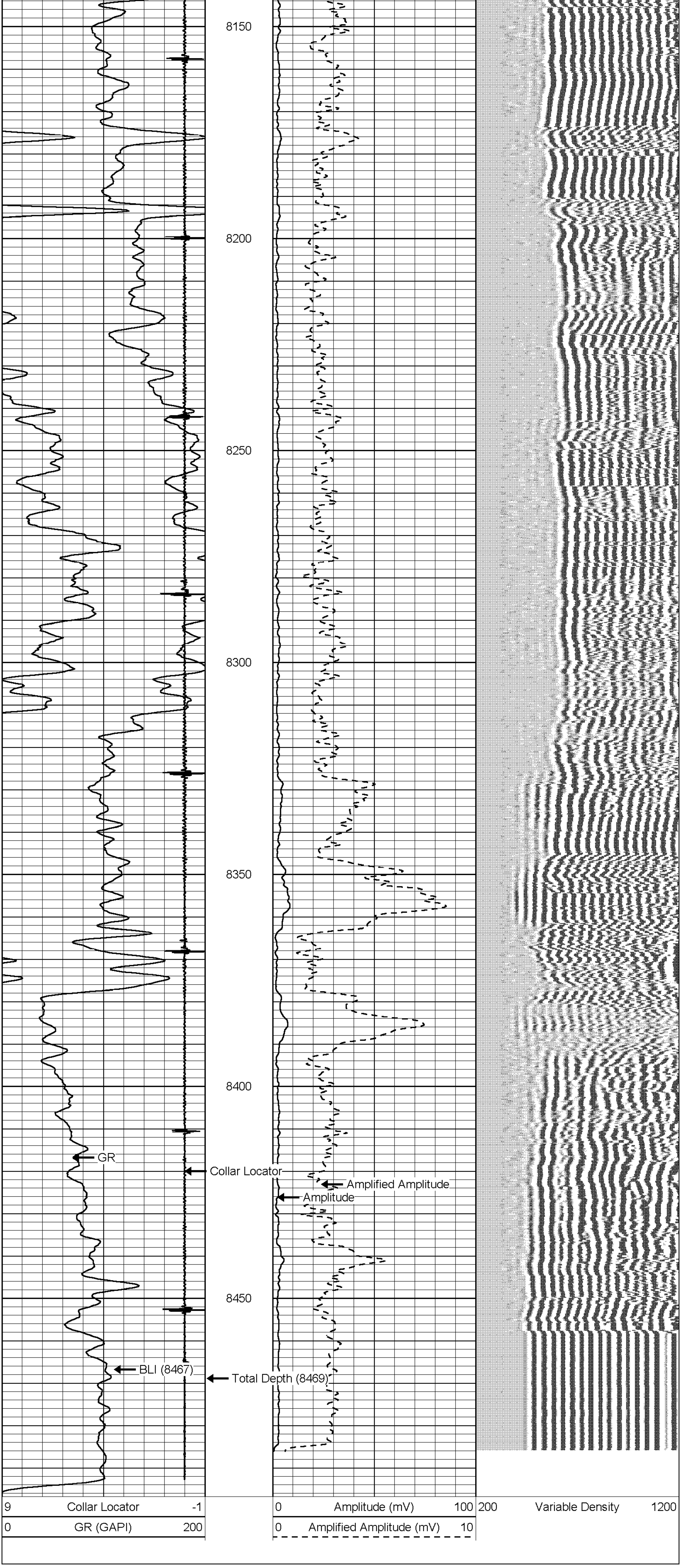
AFE: 08108661

Logged under 1000 PSI from Logger TD to 4386

Thank you for choosing Halliburton!

Your crew today: Michael Snyder, Jake Walker

Database File:	vessels_minerals14-19.db
Dataset Pathname:	pass8
Presentation Format:	mikecbl1
Dataset Creation:	Tue Jul 14 15:14:45 2009 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240



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