HALLIBURTON

Cement Bond
Gamma Ray
CCL

Company	Noble Energy Inc.
Well	Cannon W 15-20
Field	Wattenberg
County	Weld
State	CO

Company Noble Energy Inc.
Well Cannon W 15-20
Field Wattenberg
County Weld State CO

API No.: 05-123-26930 Serv #:
Location: 2595' FSL & 1341' FWL
NE SW

Other Services

Sec: 15 Twp: 2N Rge: 66W

Permanent Datum	G.L.	Elevation 4990	Elevation	
Log Measured From	K.B. , 14 Ft. above perm. datum		K.B. 5004	
Drilling Measured From	K.B.		D.F. 5003 G.L. 4990	
Date @ Time Logged	19-Aug-08	Type Fluid in Hole	2% KCl	
Run No.	One	Density of Fluid	8.4	
Depth - Driller	8064	Fluid Level	Surface	
Depth - Logger	8017	Cement Top Est. Logged	1480	
Bottom - Logged Interval	8014	Equipment / Location	/	Brighton
Top - Log Interval	1200	Recorded by	N. Pataluna	
Max. Recorded Temp.	239	Witnessed by	S. Armstrong	

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
				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

Depth ref to PSI Log dated "25-Jul-08"

Thank you for using Halliburton

Crew: Pataluna, Walker, Morrison, Brebrick

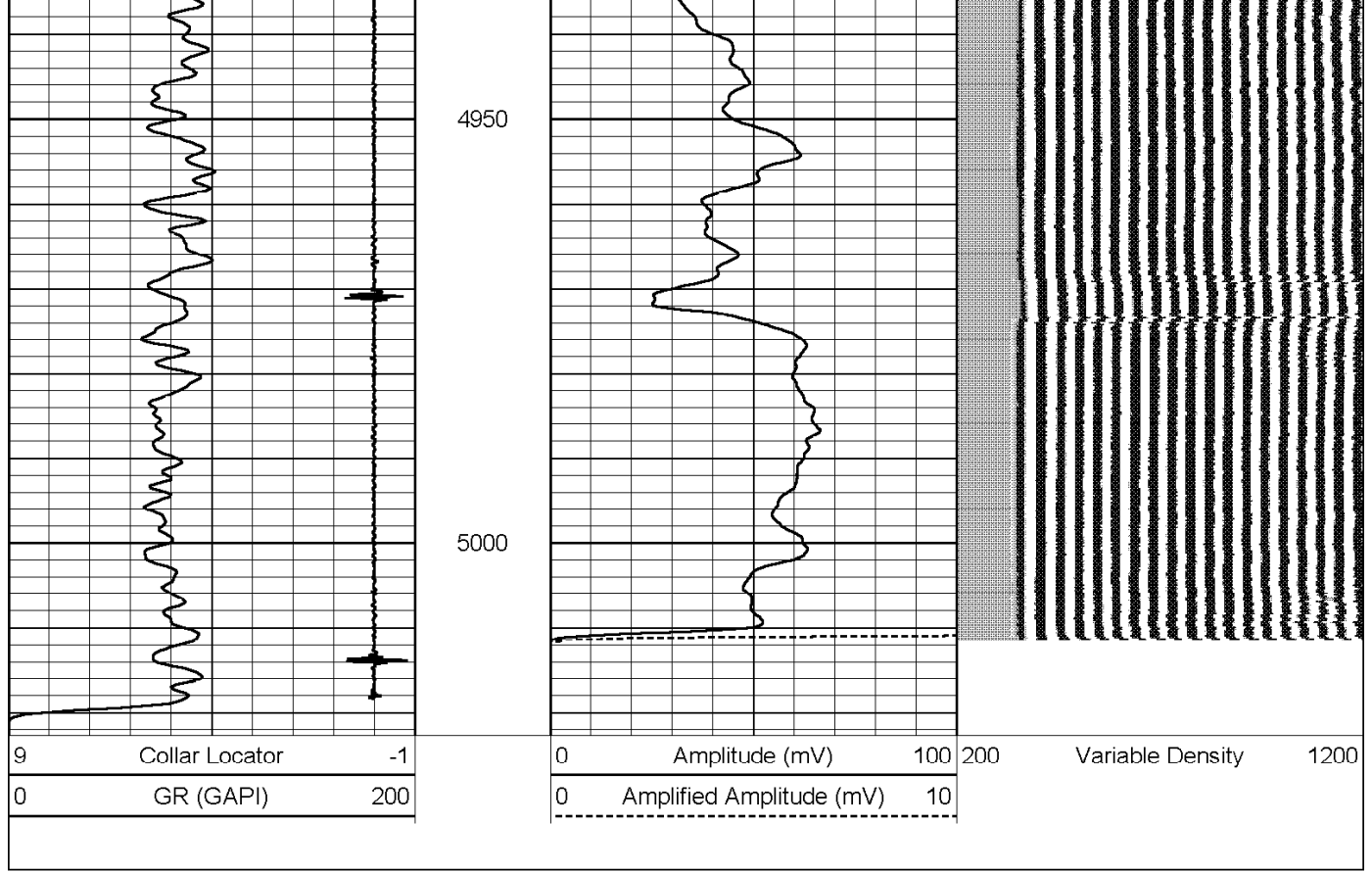
HALLIBURTON

Sussex Pass

5"=100'

Database File: noble cannon 15-20.db
Dataset Pathname: pass3
Presentation Format: cbldig
Dataset Creation: Wed Aug 20 21:54:20 2008 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	0 Amplitude (mV) 100	200 Variable Density 1200
0 GR (GAPI) 200	0 Amplified Amplitude (mV) 10	



HALLIBURTON

Sussex Pass

5"=100'

HALLIBURTON

Main Pass

5"=100'

Database File:	noble cannon 15-20.db
Dataset Pathname:	pass2
Presentation Format:	cbldig
Dataset Creation:	Wed Aug 20 21:24:09 2008 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240

HALLIBURTON

Main Pass

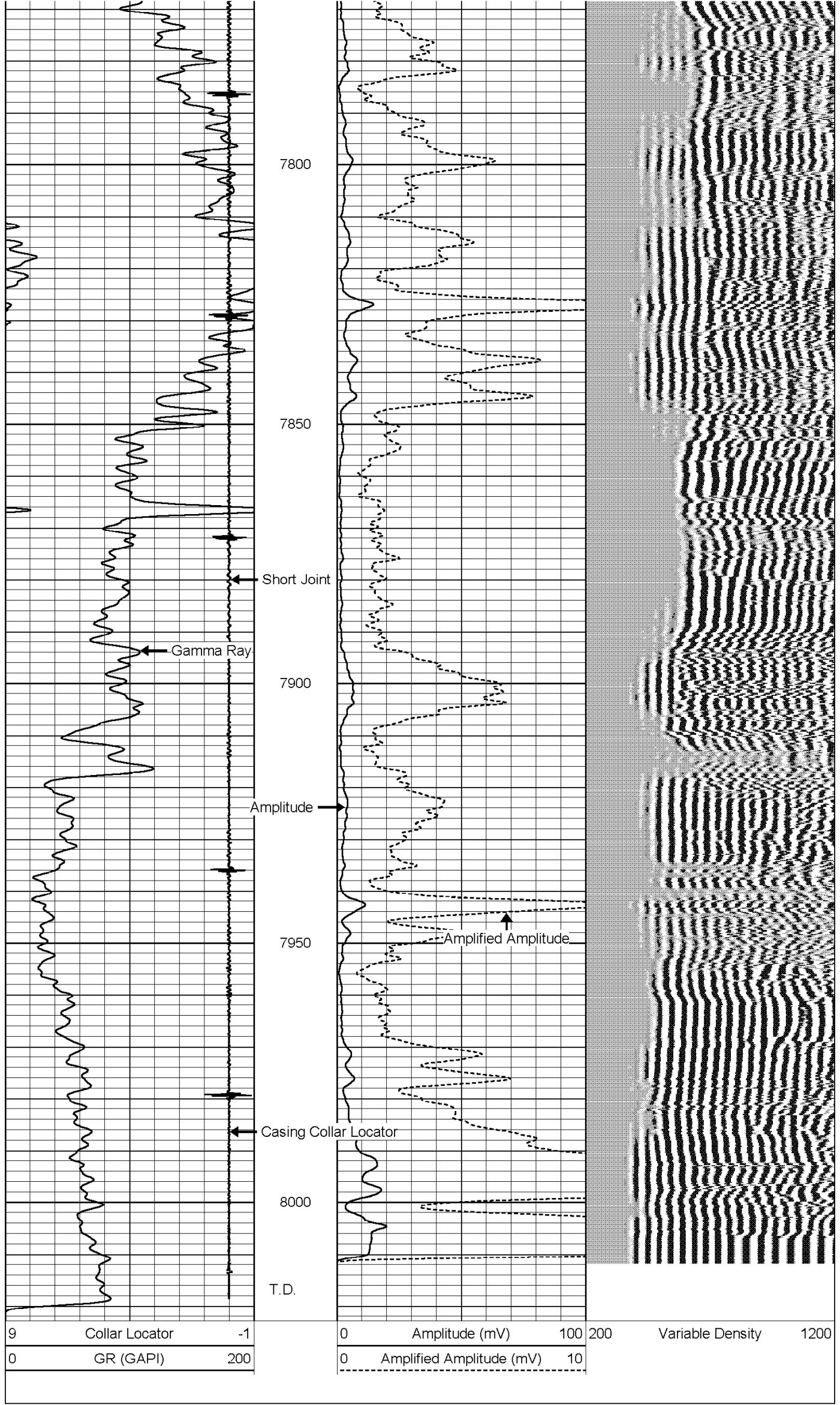
5"=100'

HALLIBURTON

J-Sand Pass

5"=100'

Database File:	noble cannon 15-20.db
Dataset Pathname:	pass1
Presentation Format:	cbldig
Dataset Creation:	Wed Aug 20 21:20:14 2008 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240



HALLIBURTON

J-Sand Pass

5"=100'

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