HALLIBURTON

Cement Bond Log
Gamma Ray
CCL

Scale 1:240

Company	Encana Oil & Gas (USA) Inc
Well	Duckworth 6-0-16
Field	Wattenberg
County	Weld
State	Colorado

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Well Duckworth 6-0-16
Field Wattenberg
County Weld **State** Colorado

API No.: 05-123-25893-00 Serv #: 6433681
Location: SHL: 1685' FNL & 1034' FEL SE NE
BHL: 78' FNL 1348' FEL NW NE

Other Services
Perforate

Sec: 16 Twp: 2N Rge: 68W

Permanent Datum GL Elevation 4871
Log Measured From KB , 15 Ft. above perm. datum
Drilling Measured From KB

Elevation
K.B. 4886
D.F. 4885
G.L. 4871

Date @ Time Logged	10-Jan-09	Type Fluid in Hole	Water
Run No.	One	Density of Fluid	8.4
Depth - Driller	8220	Fluid Level	Surface
Depth - Logger	8176	Cement Top Est. Logged	3780
Bottom - Logged Interval	8174	Equipment / Location	/ Brighton
Top - Log Interval	3570	Recorded by	Michael Snyder
Max. Recorded Temp.	Not Recorded	Witnessed by	Gary Cummings

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
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

Cement Bond Log was correlated to PSI Compensated Density/Neutron Dual Induction Log dated 3-Ja

Well was logged under 1000 PSI

Thank you for choosing Halliburton!

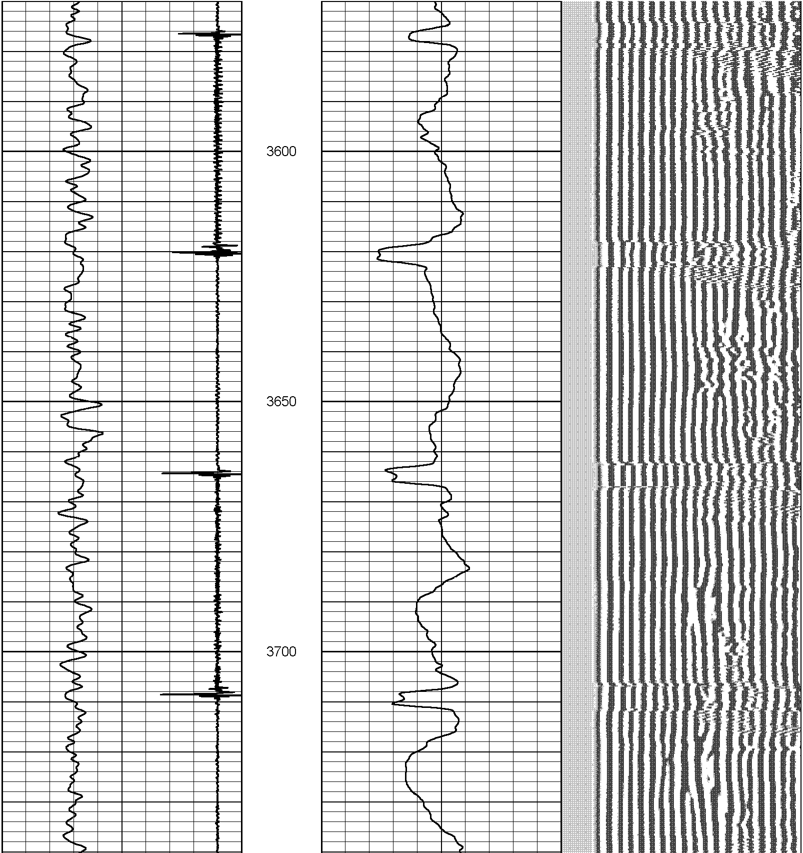
Your Crew Today: Michael Snyder, Jason Morrison, Jake Walker

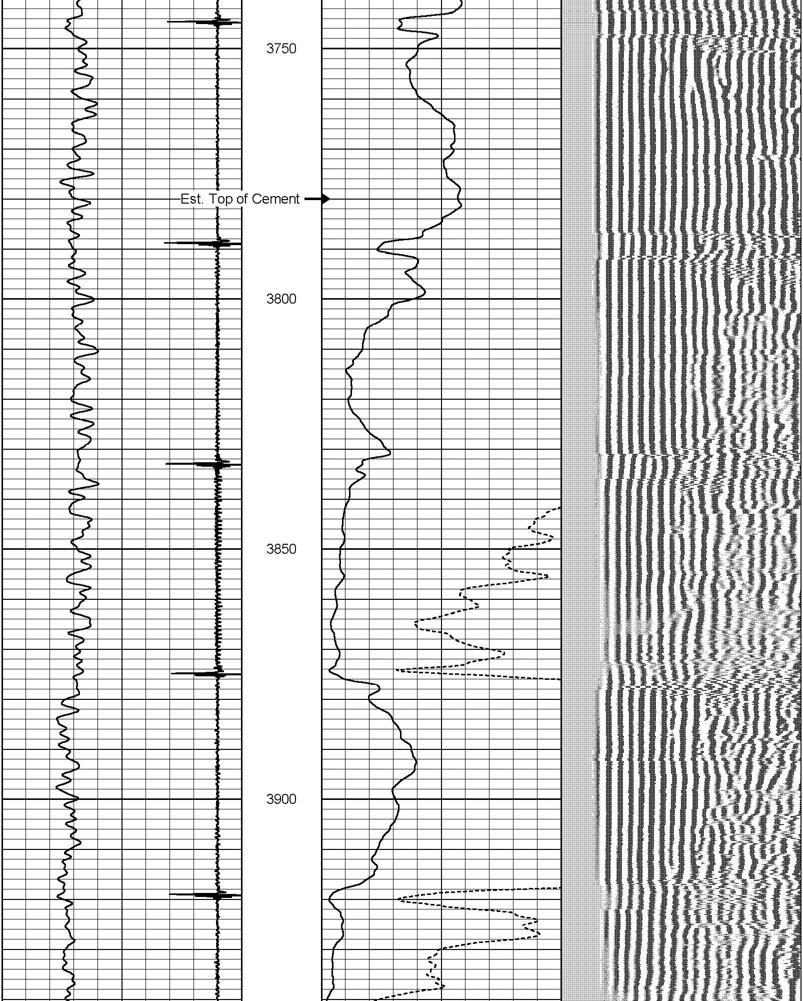
Database File:	encana_duckworth_6-0-16.db
Dataset Pathname:	pass4
Presentation Format:	nick_cbl
Dataset Creation:	Sat Jan 10 12:24:51 2009 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240

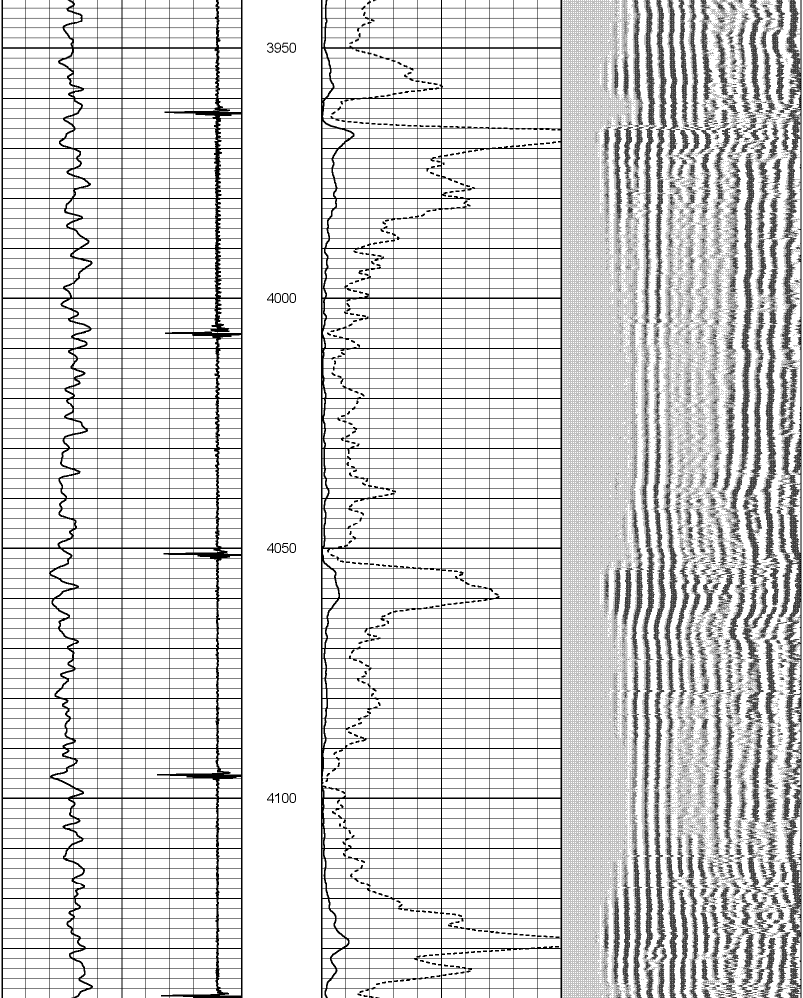
9 Collar Locator -1
0 GR (GAPI) 300

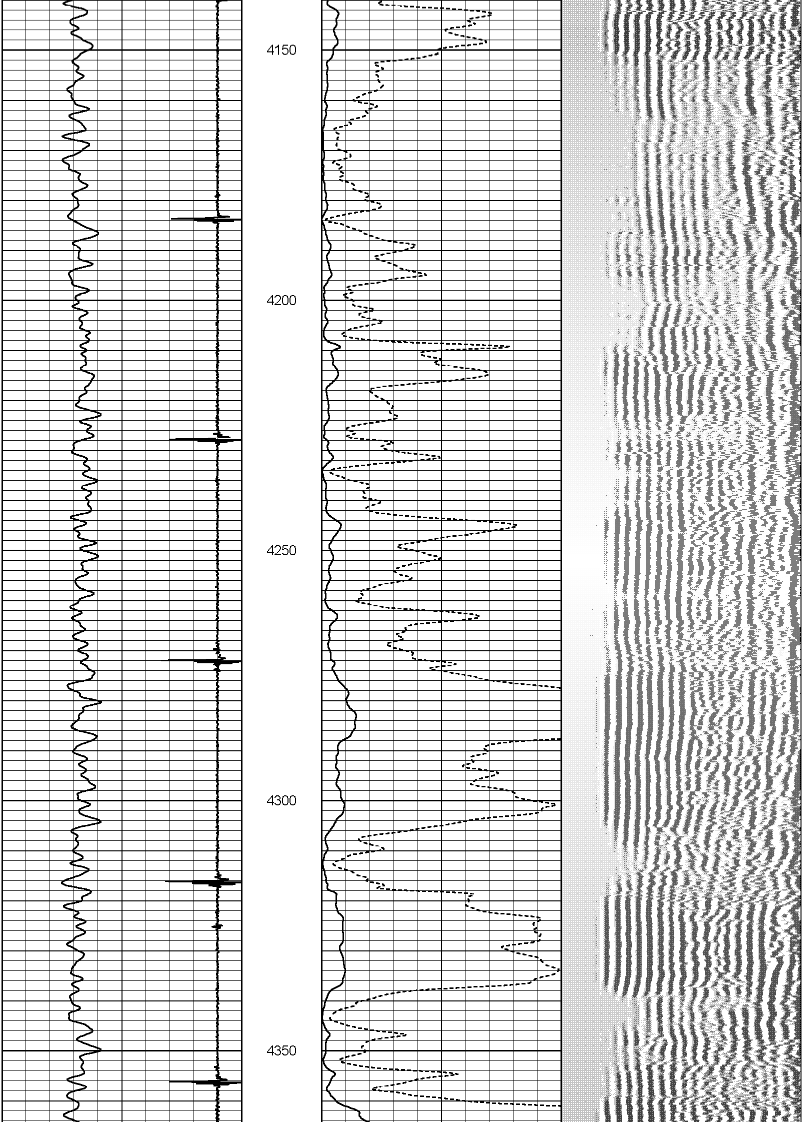
0 Amplitude (mV) 100
0 Amplified Amplitude (mV) 10

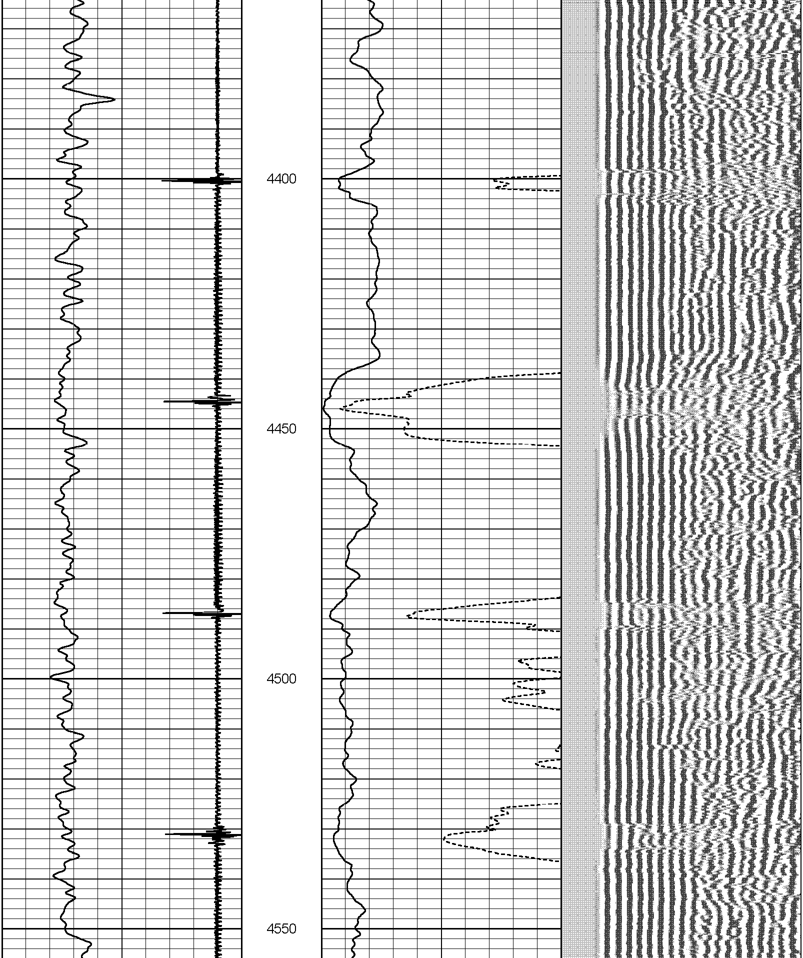
200 Variable Density 1200

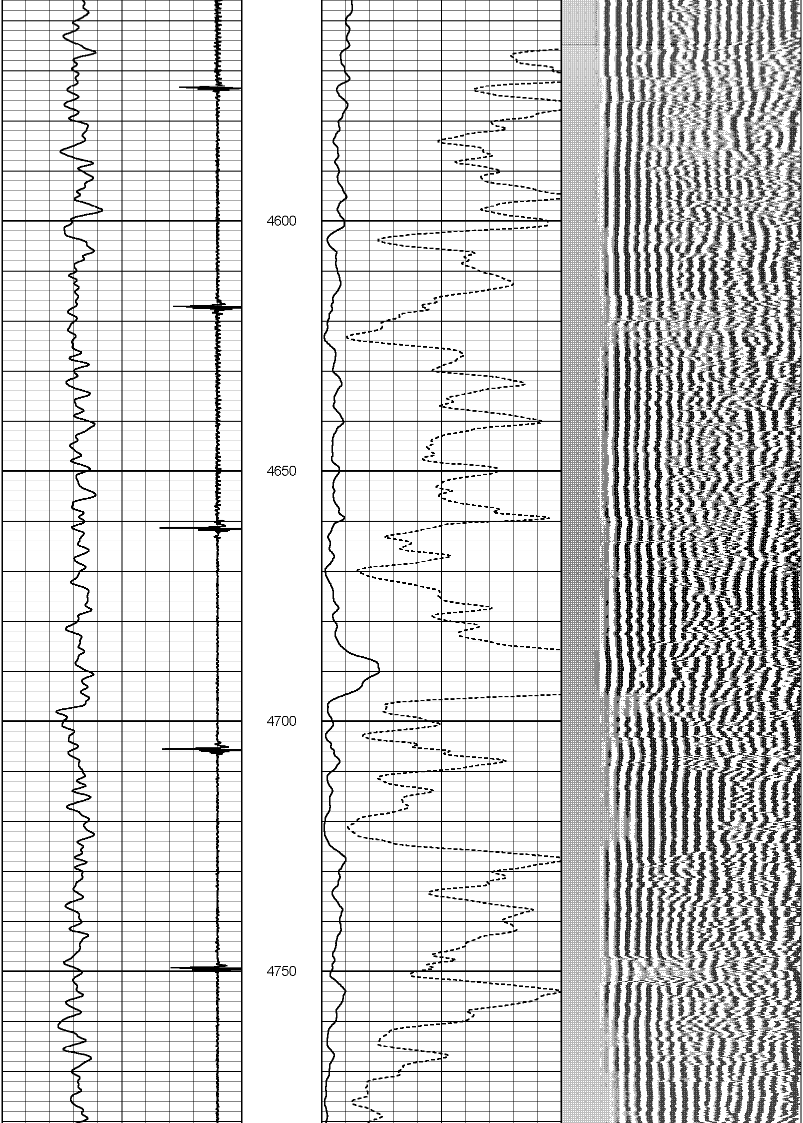


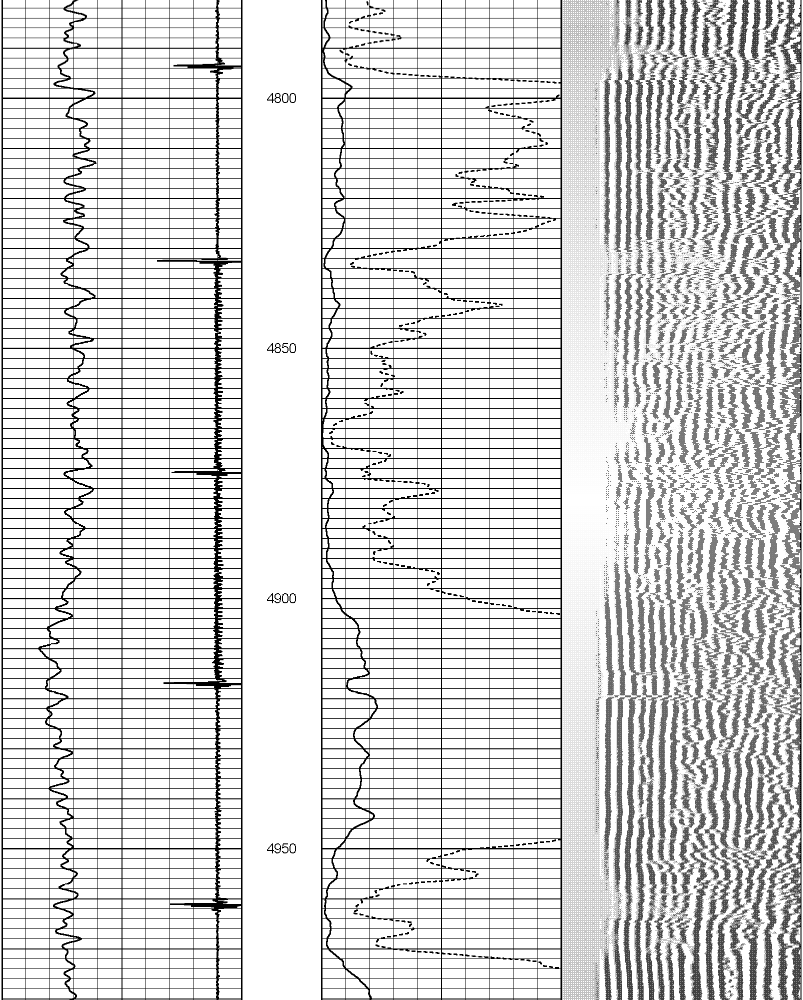


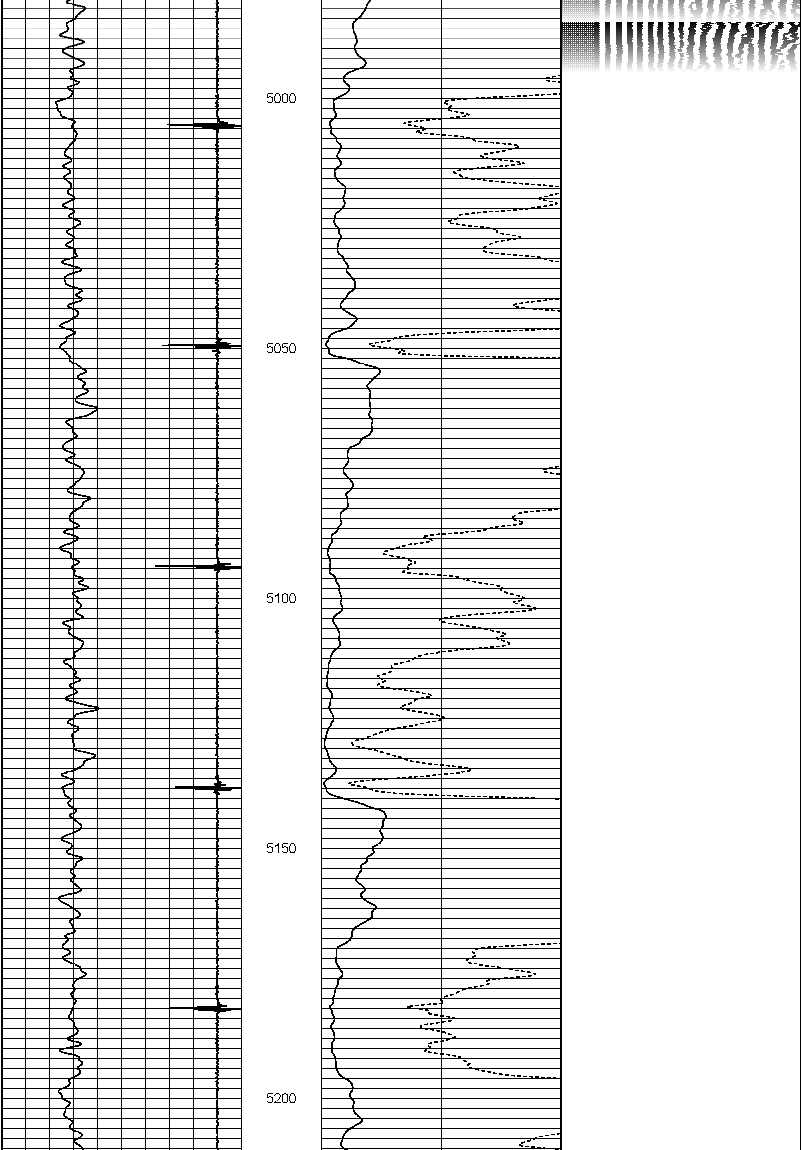


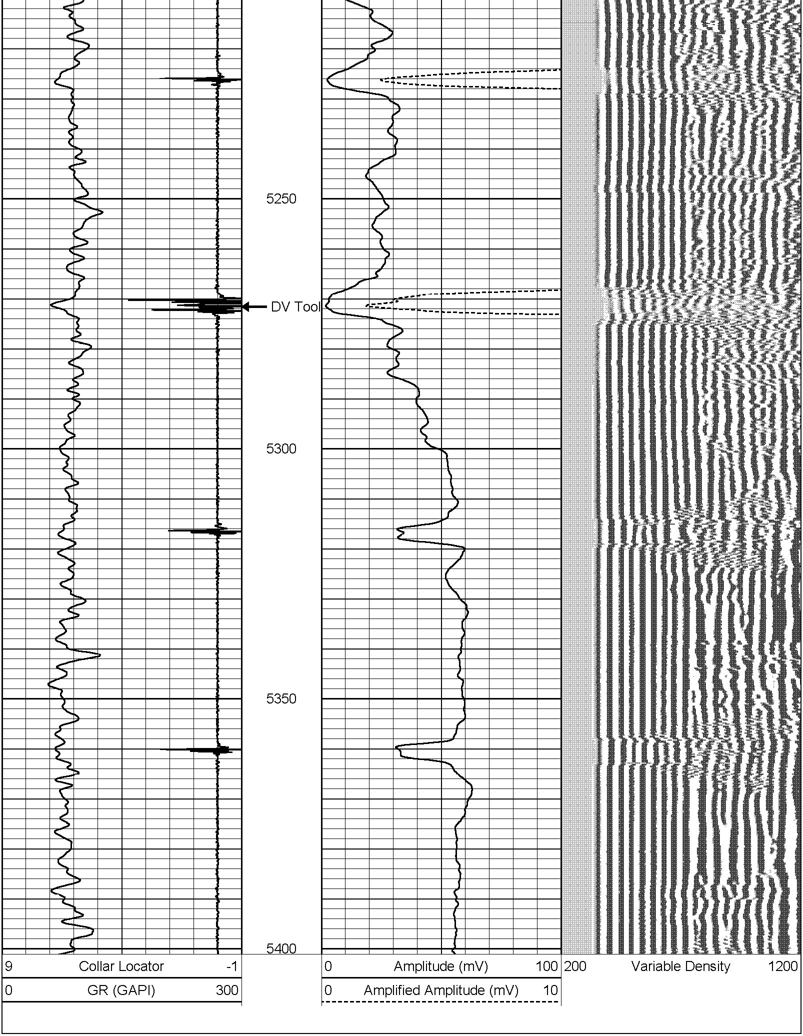












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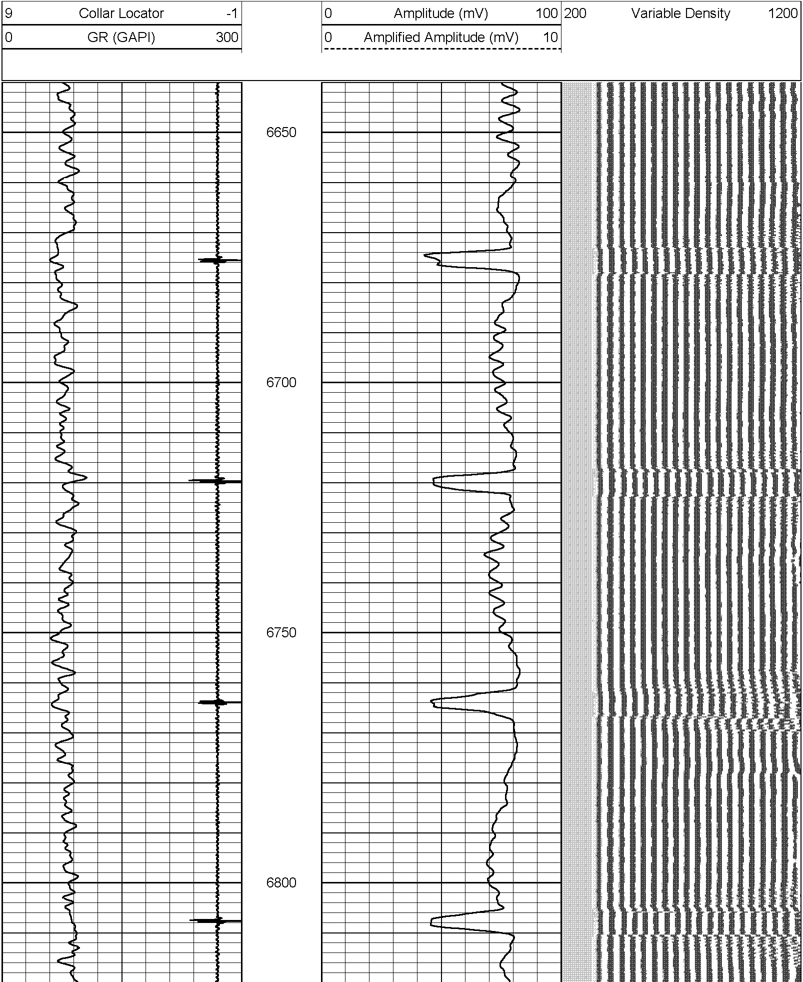
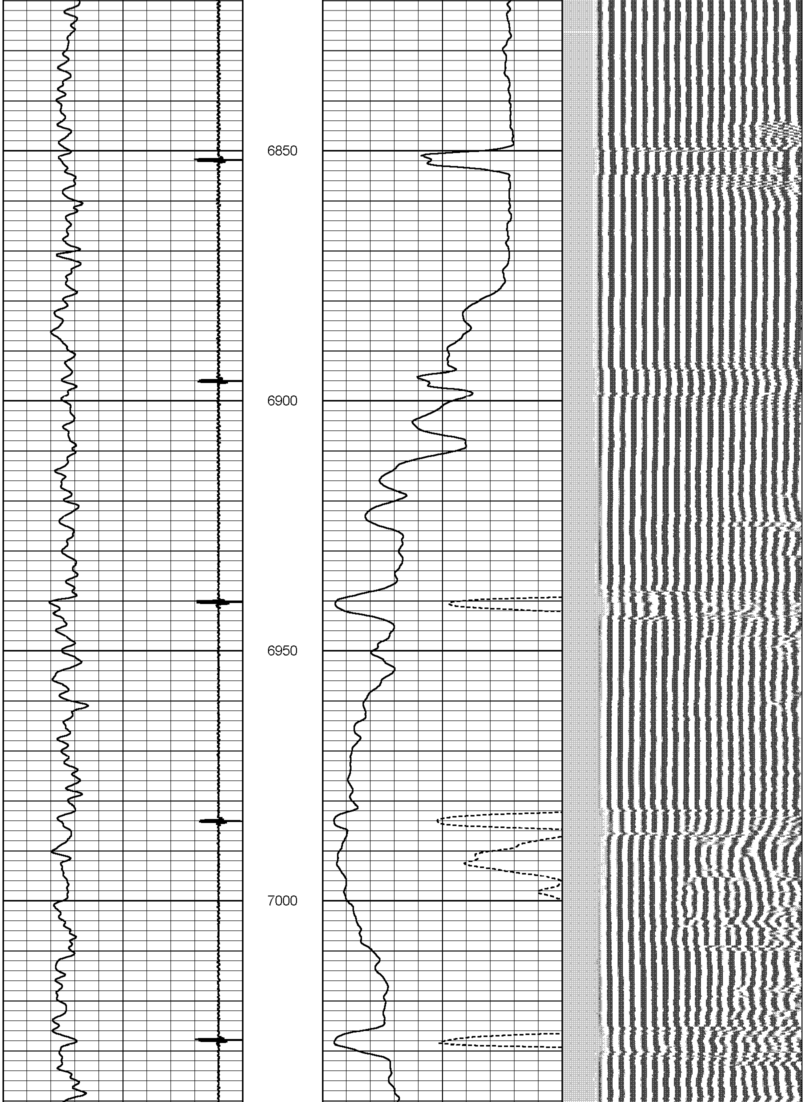
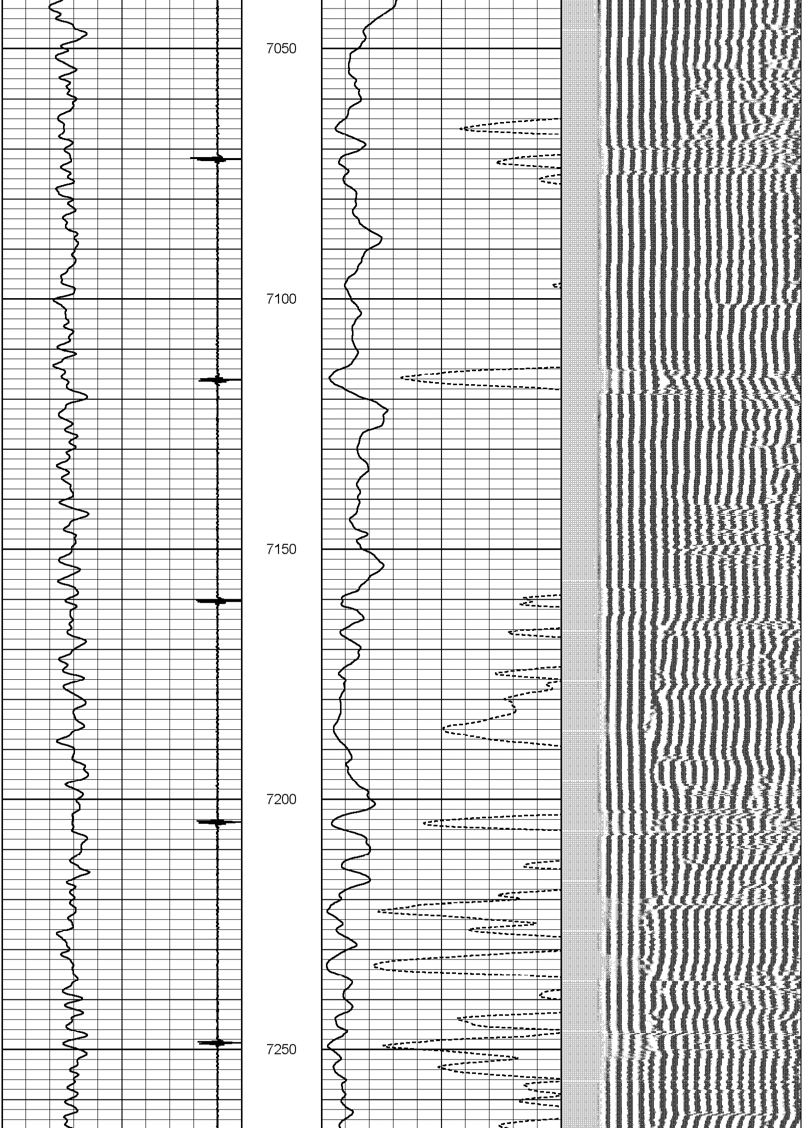
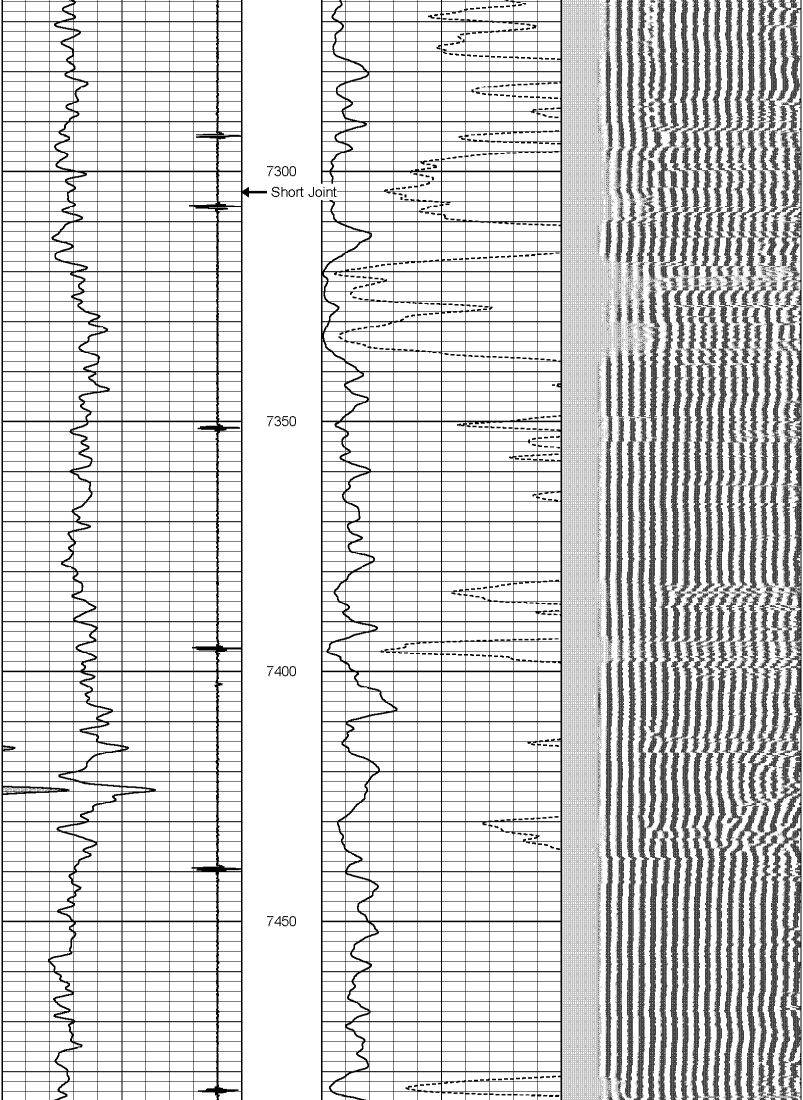
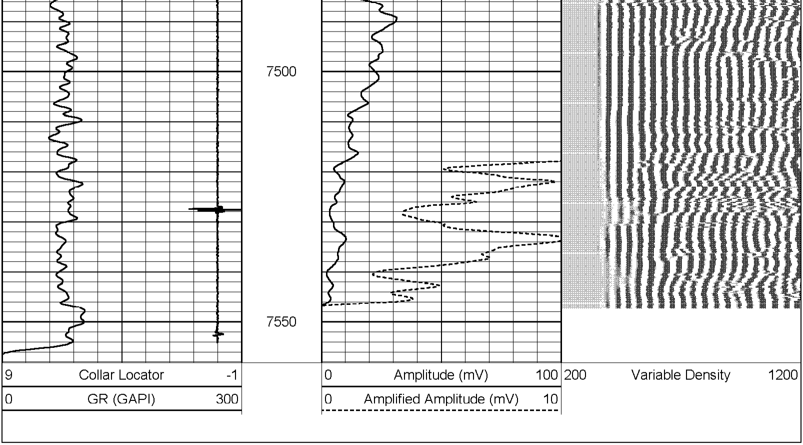
Charted by:	Depth in Feet scaled 1:240











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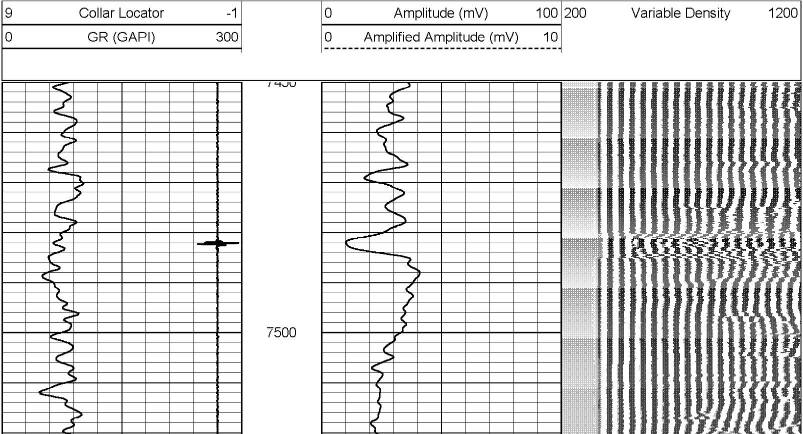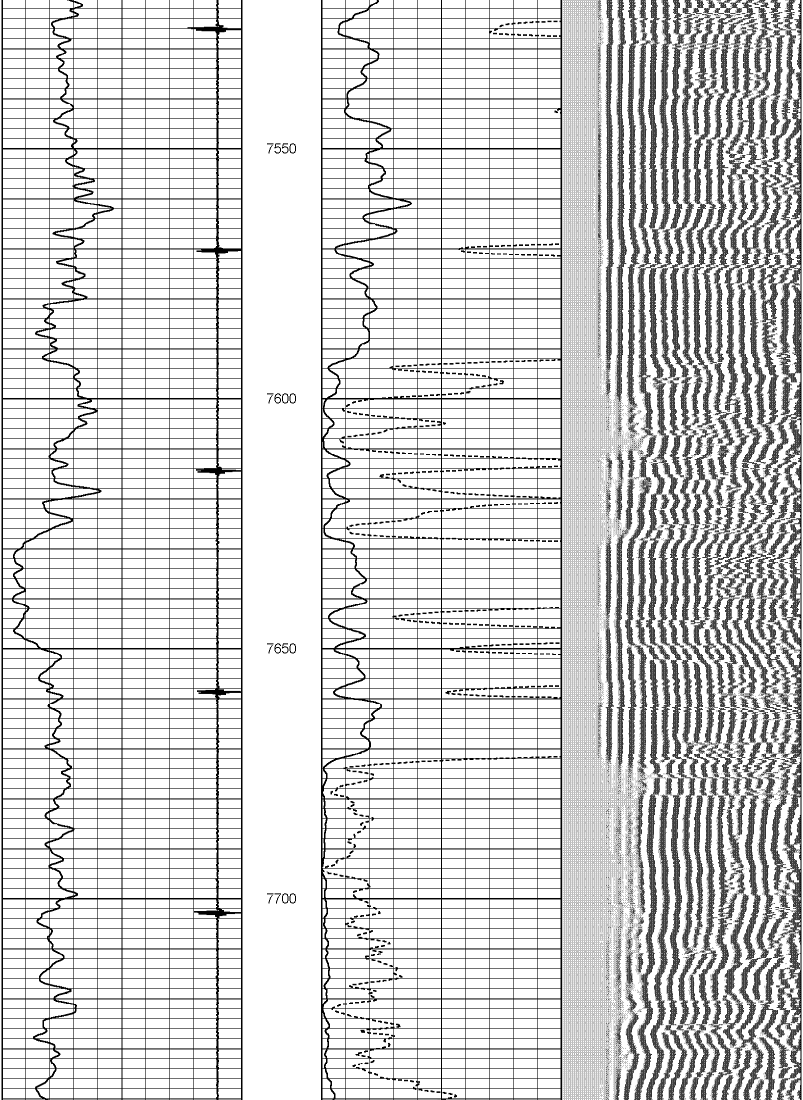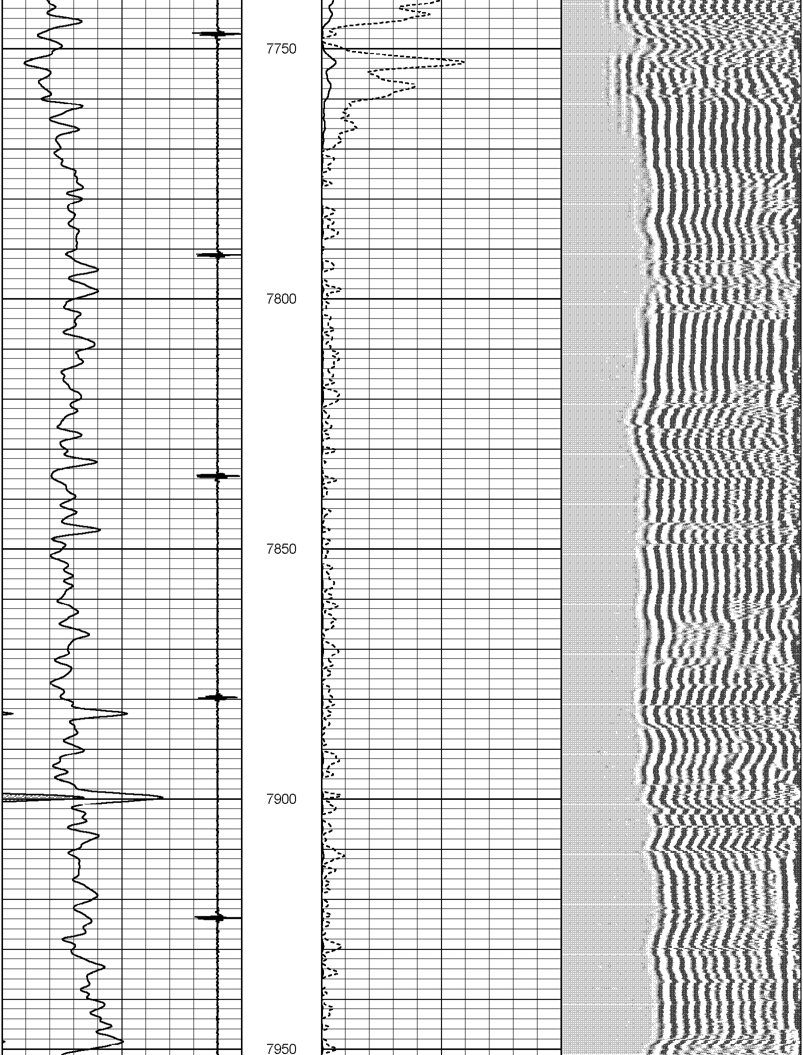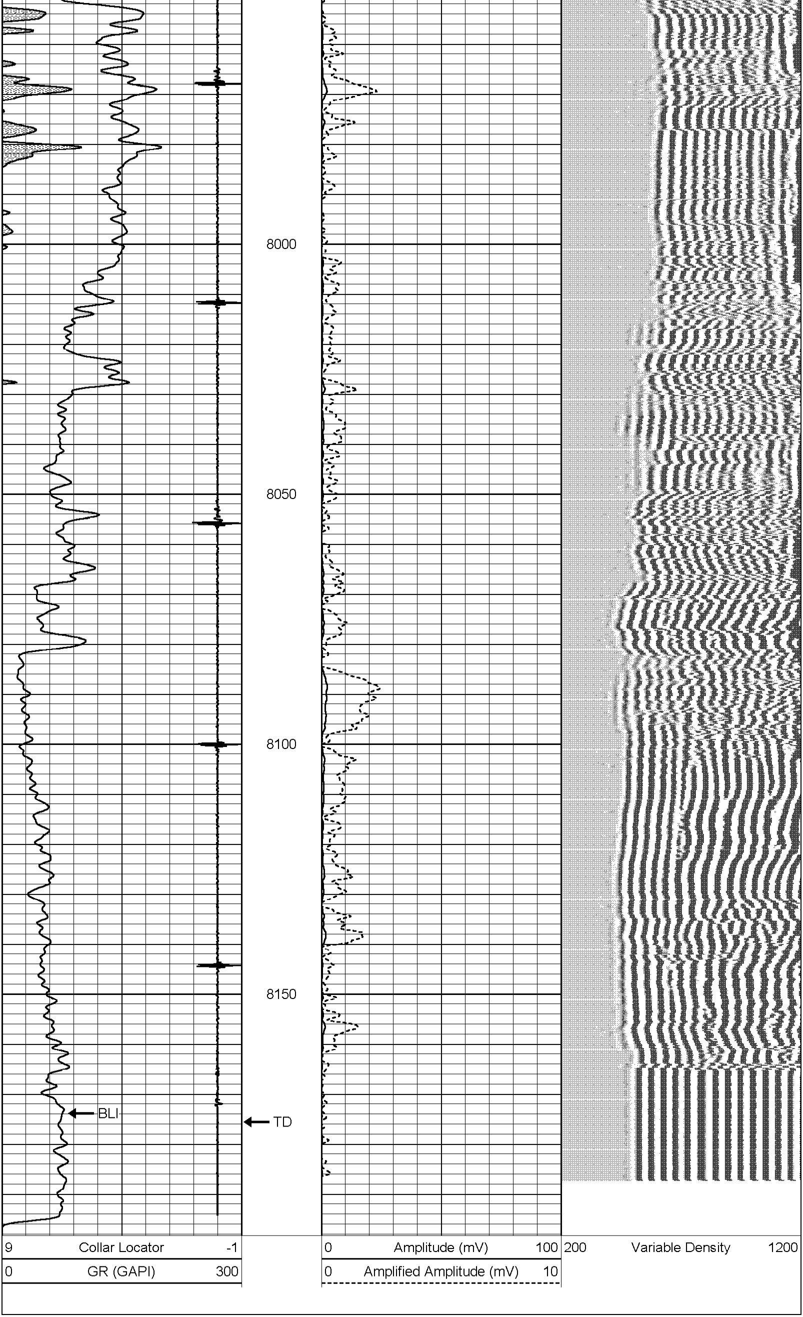Database File: encana_duckworth_6-0-16.db
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