BRAN-DEX

WIRELINE SERVICES

GAMMA RAY C.C.L.
CEMENT BOND

Company ENCANA OIL & GAS (USA) INC
Well ECHEVERRIA 4-4-2
Field WATTENBERG
County WELD
State CO

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Well ECHEVERRIA 4-4-2
Field WATTENBERG
County WELD State CO

Location: API # :

SHL: 2314' FSL & 2391' FWL NE SW
BHL: 2550 FSL & 2546 FWL

SEC 2 TWP 2N RGE 67W

Permanent Datum GL Elevation 4853
Log Measured From KB
Drilling Measured From KB

Other Services

Elevation
K.B. 4868
D.F. 4867
G.L. 4853

Date	SEPTEMBER 20 2006		
Run Number	ONE		
Depth Driller	7982		
Depth Logger	7968		
Bottom Logged Interval	7966		
Top Log Interval	3480		
Open Hole Size			
Type Fluid	WATER		
Density / Viscosity			
Max. Recorded Temp.	246		
Estimated Cement Top			
Time Well Ready			
Time Logger on Bottom			
Equipment Number	473		
Location	STERLING		
Recorded By	DIZMANG		
Witnessed By	BRAD BOEHM		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4 1/2"			
Liner				

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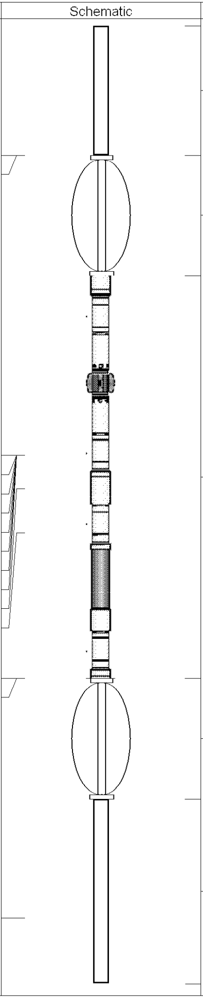
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

CORRECTED UPHOLE 2' TO CORRELATE
TO PSI OPENHOLE LOG DATED SEPTEMBER 16 2006

Sensor	Offset (ft)
CCL	18.71
CENT	18.71
WVFS1	11.94
WVFS2	11.94
WVFS3	11.94
WVFS4	11.94
WVFS5	11.94
WVFS6	11.94
WVFS7	11.94
WVFS8	11.94
WVF3FT	11.19
WVF5FT	10.19
WVFCAL	6.90
CENT	6.90
GR	1.50

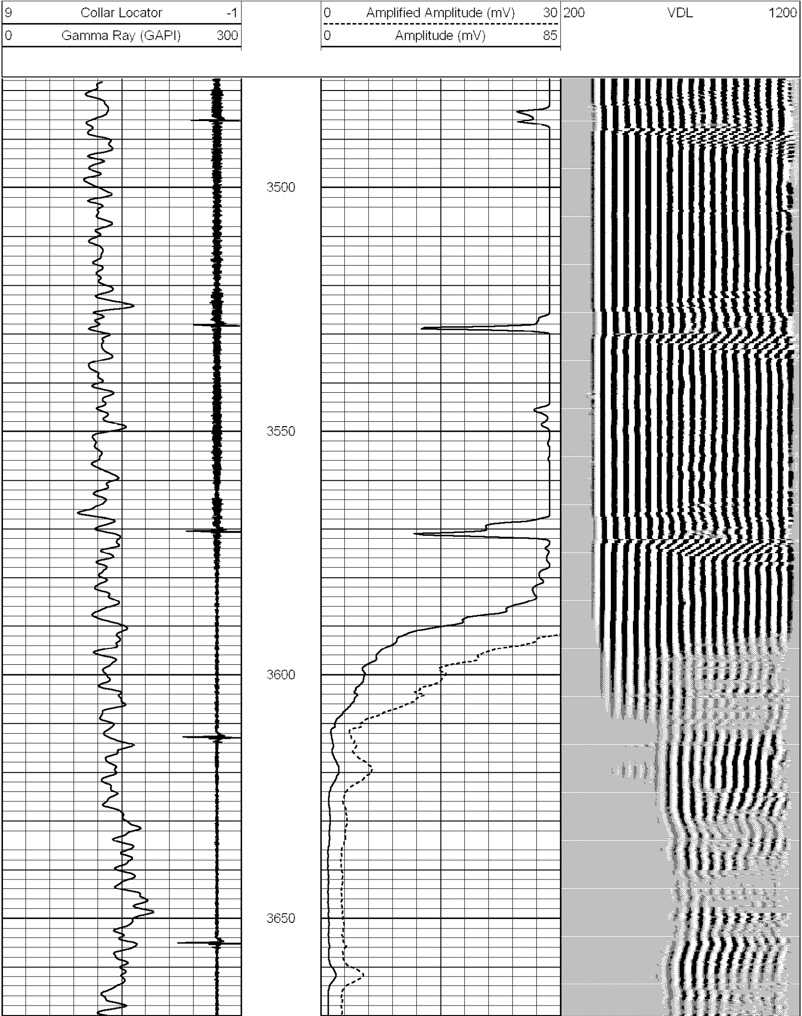
Schematic

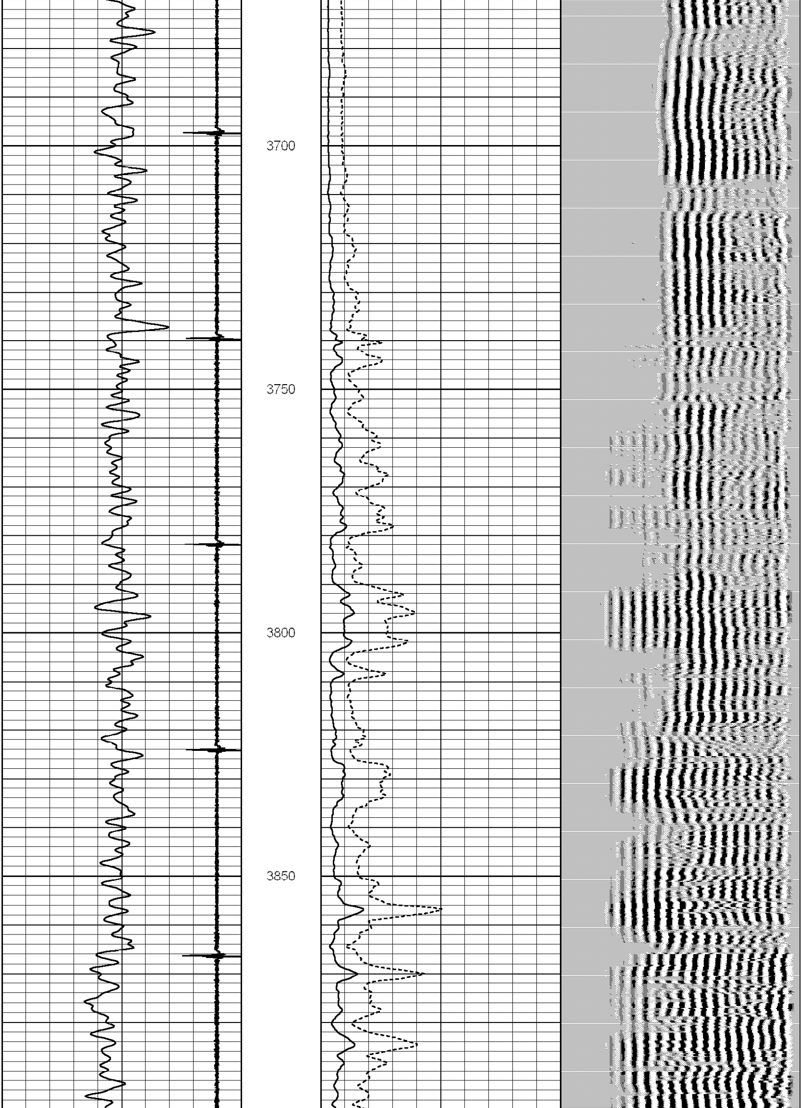


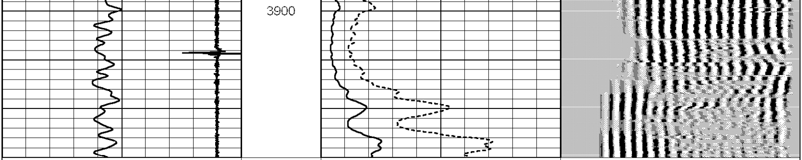
Description	Len (ft)	OD (in)	Wt (lb)
CCL-S_101 (101)	2.92	1.69	11.00
CENT-TEKCO (101)	2.73	2.75	10.00
SCBL-TEKCO-CT (101) TEKCO 2.75 RIB - CT	9.08	2.75	108.00
CENT-TEKCO (102)	2.73	2.75	10.00
GR-S_101 (101)	4.17	1.69	25.00

Dataset:	echeveracbl.db: field/well/run1/pass4
Total Length:	21.63 ft
Total Weight:	164.00 lb
O.D.	2.75 in

Database File: c:\warrior\data\echeveracbl.db
Dataset Pathname: pass4
Presentation Format: scbl_dr
Dataset Creation: Wed Sep 20 14:46:22 2006 by Log Std Casedhole 05111
Charted by: Depth in Feet scaled 1:240







9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
0 Gamma Ray (GAPI) 300	0 Amplitude (mV) 85	

Database File:	c:\warrior\data\echeveracbl.db
Dataset Pathname:	pass3
Presentation Format:	scbl_dr
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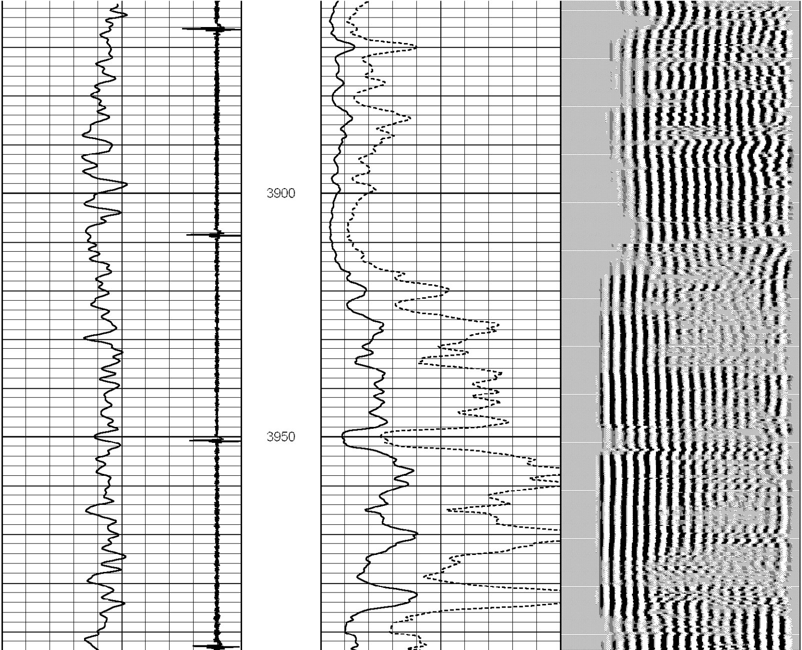
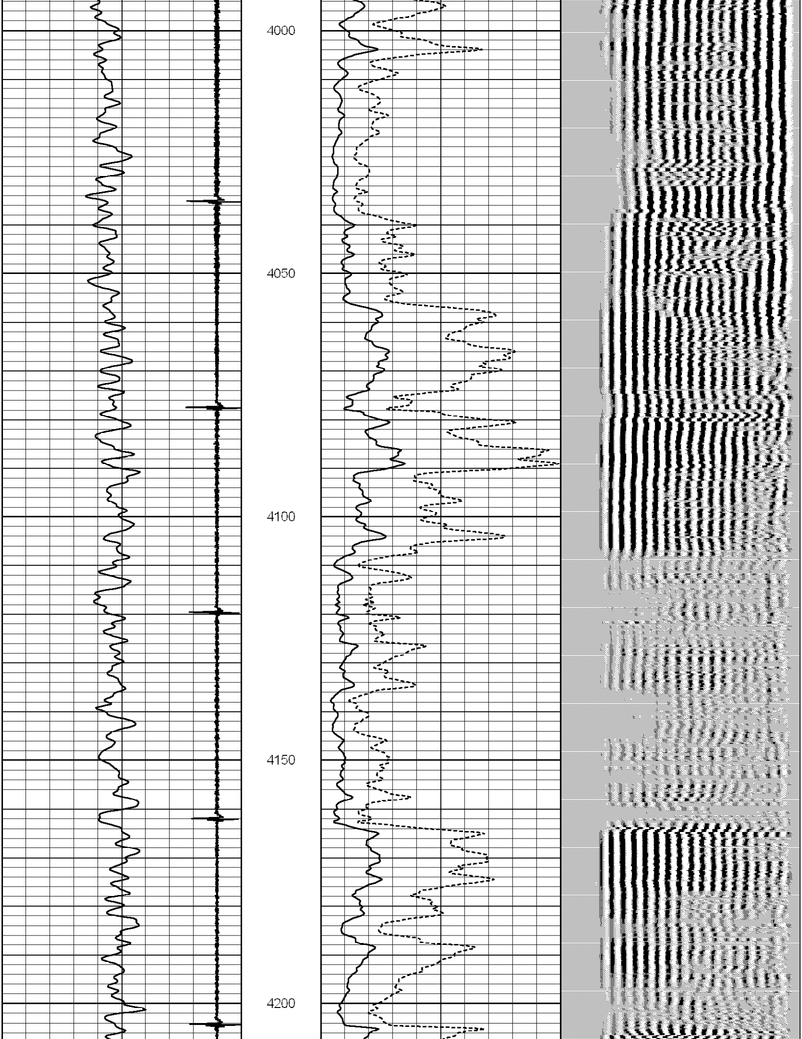
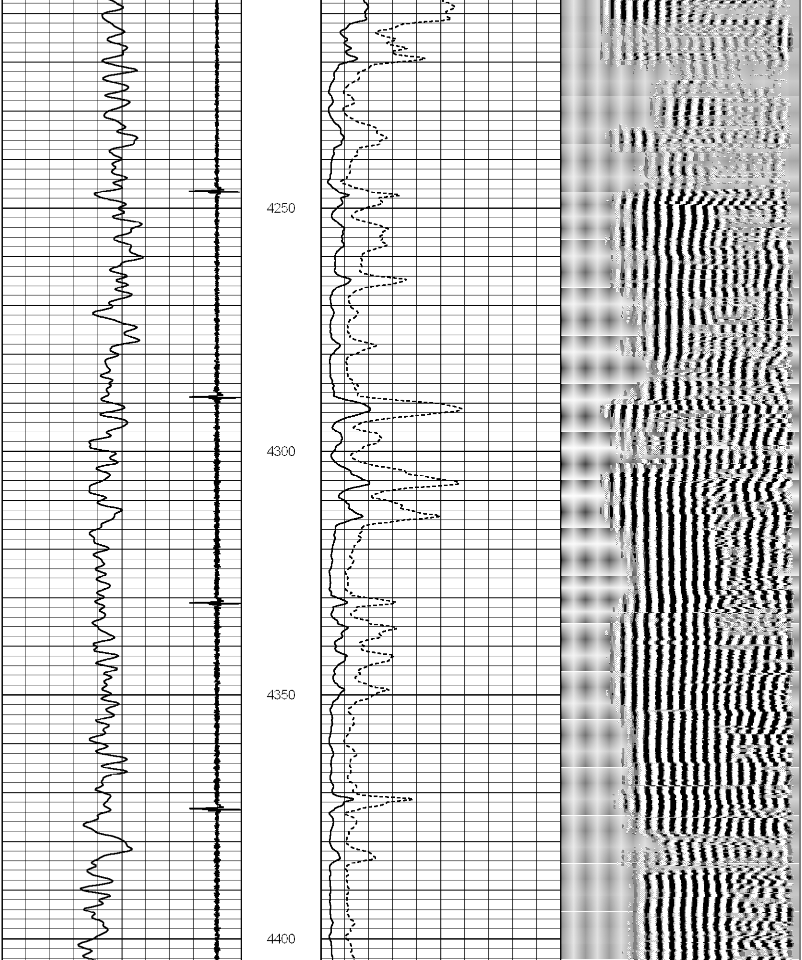
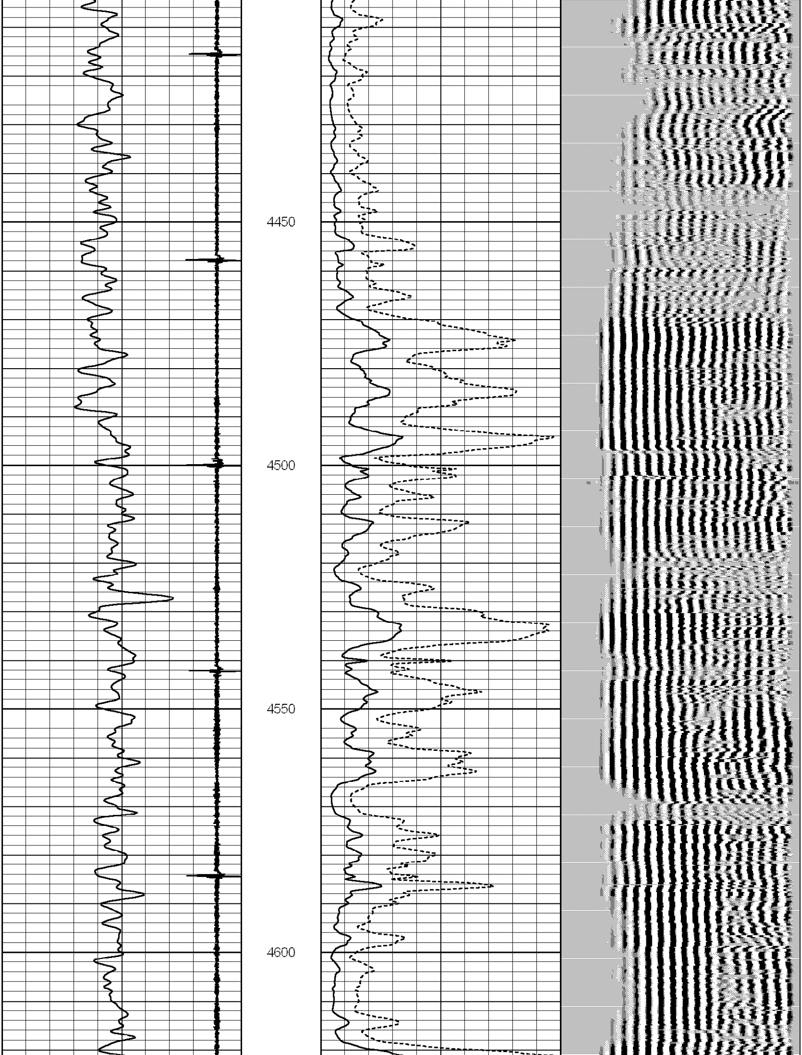
Charted by:	Depth in Feet scaled 1:240

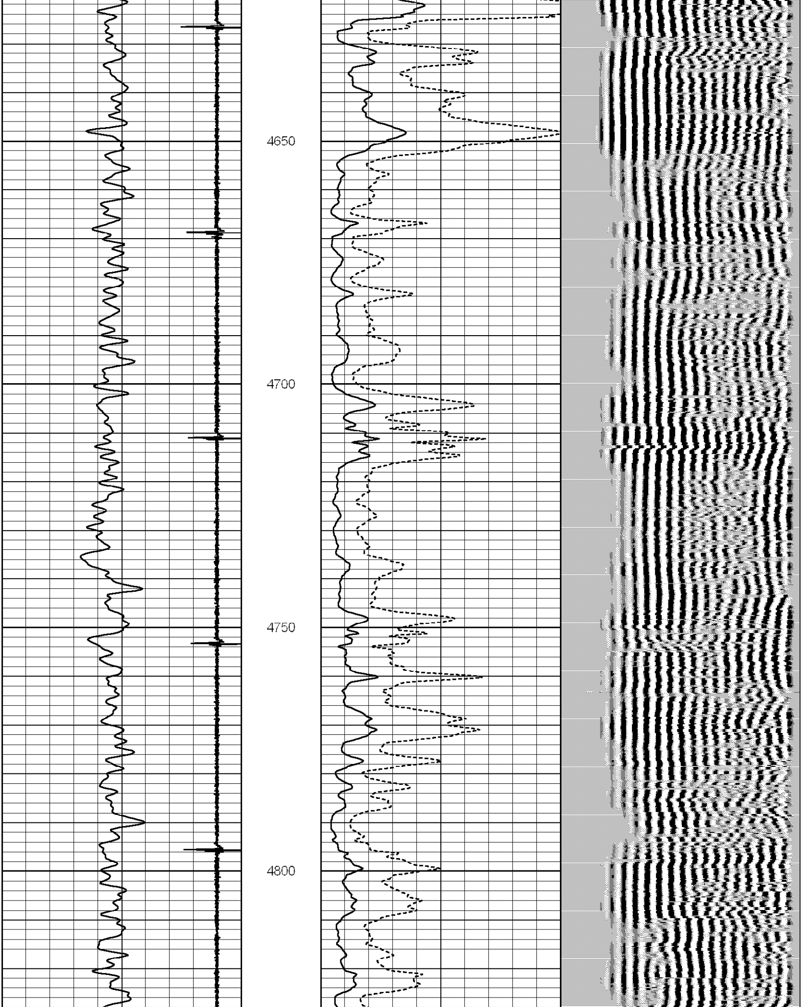
9 Collar Locator -1	0 Amplified Amplitude (mV) 30	200 VDL 1200
0 Gamma Ray (GAPI) 300	0 Amplitude (mV) 85	

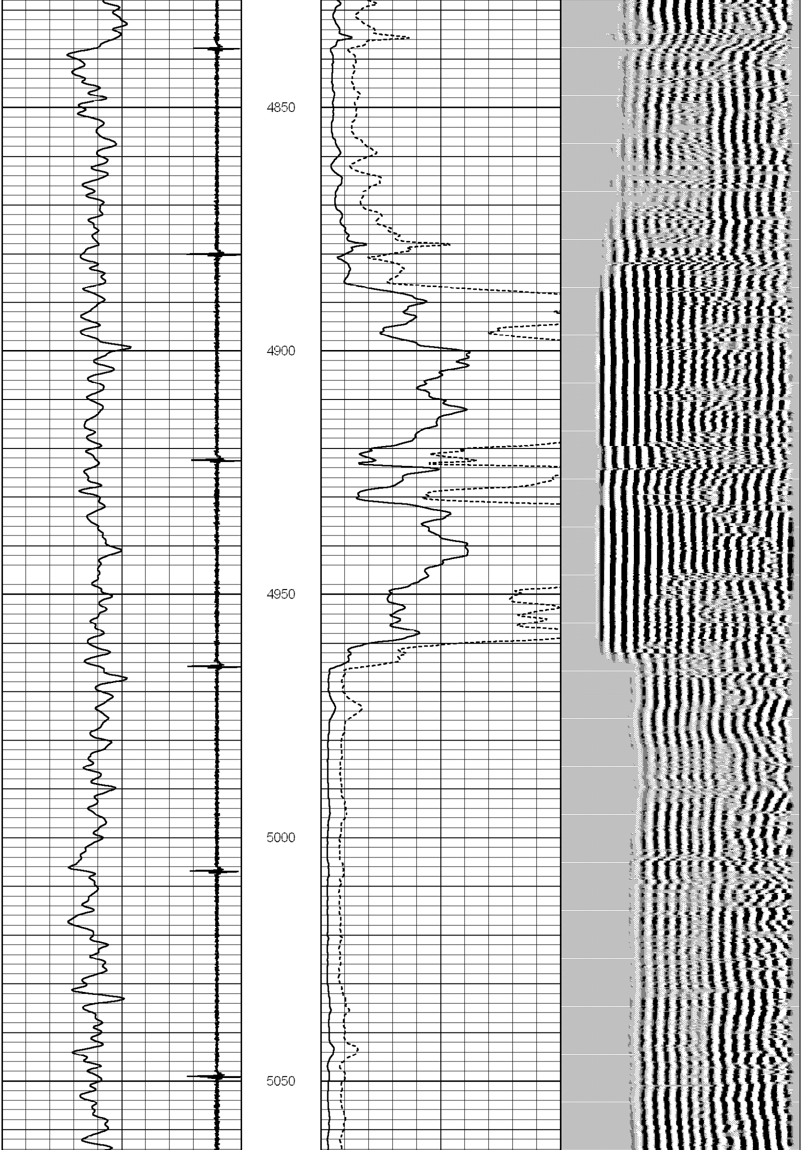


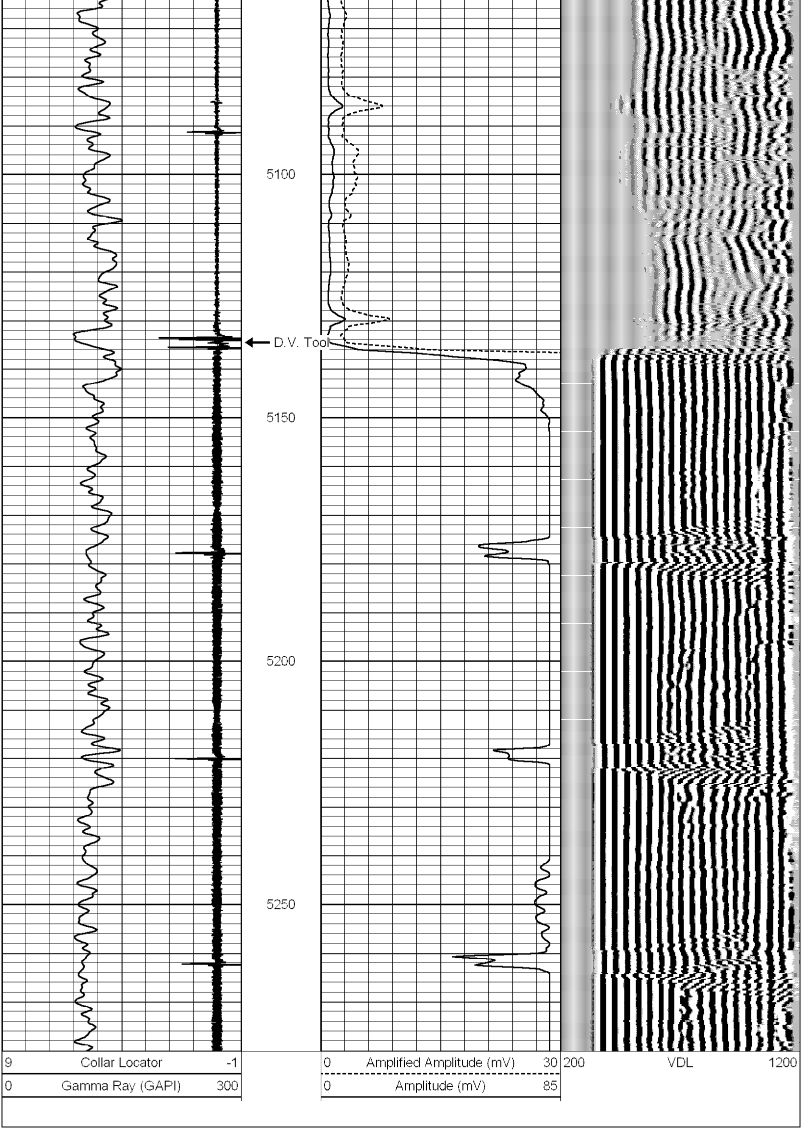


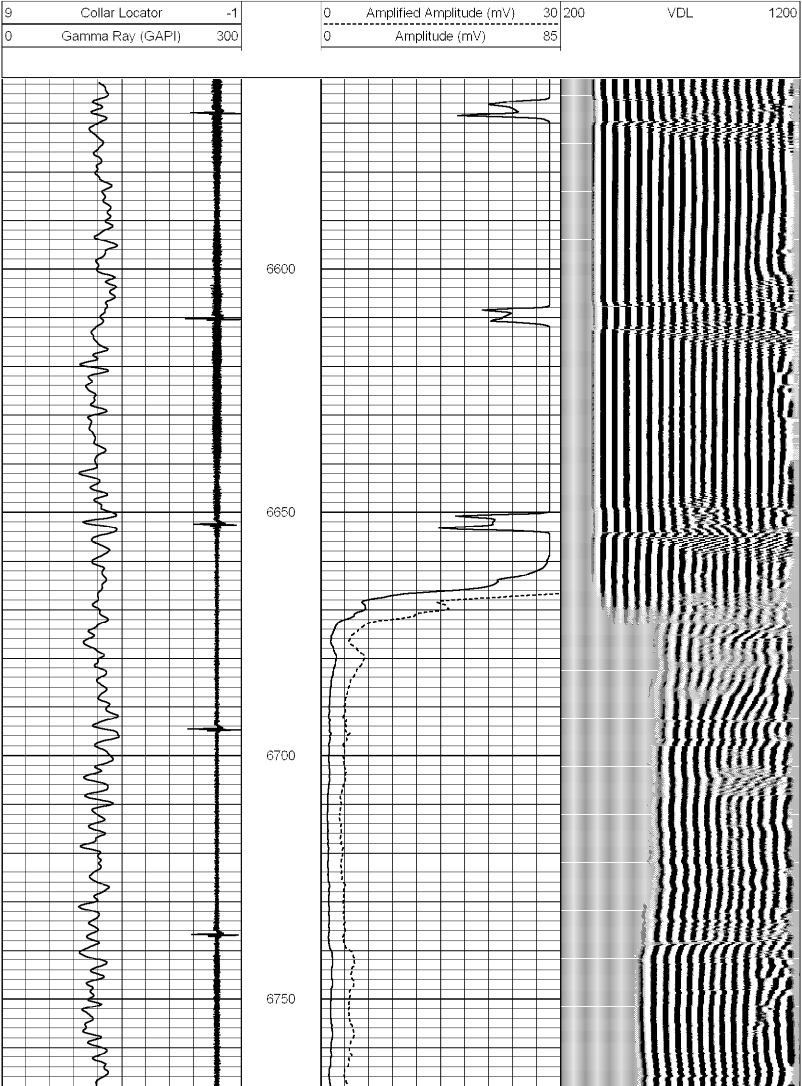
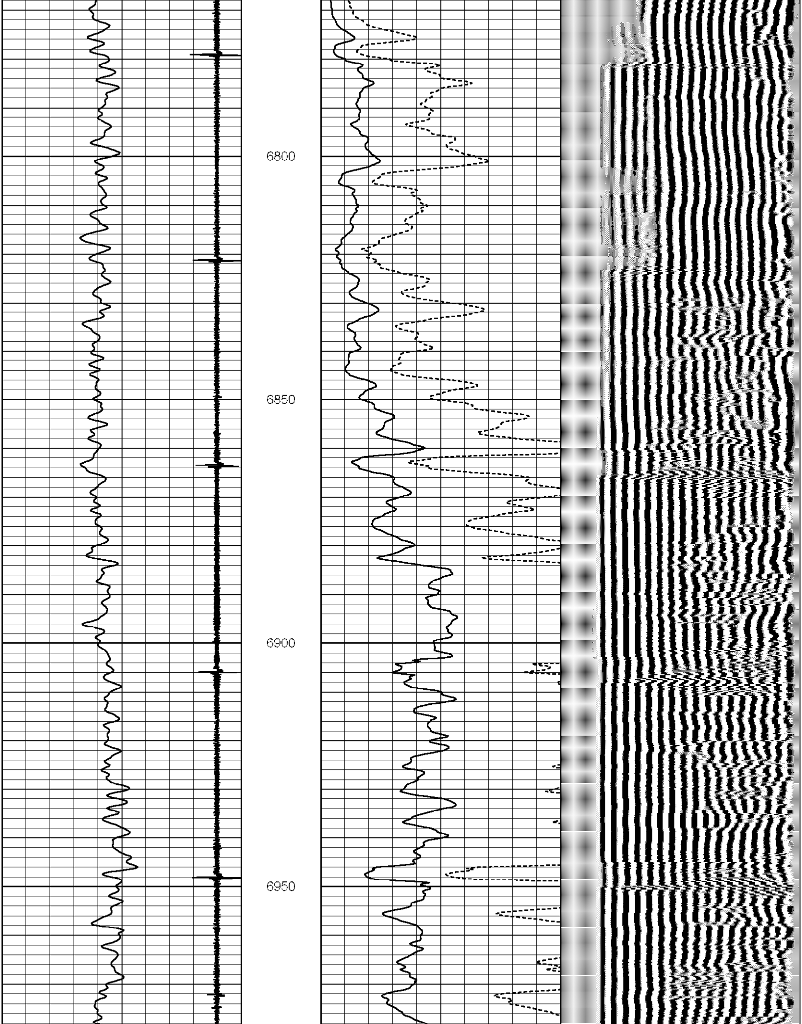
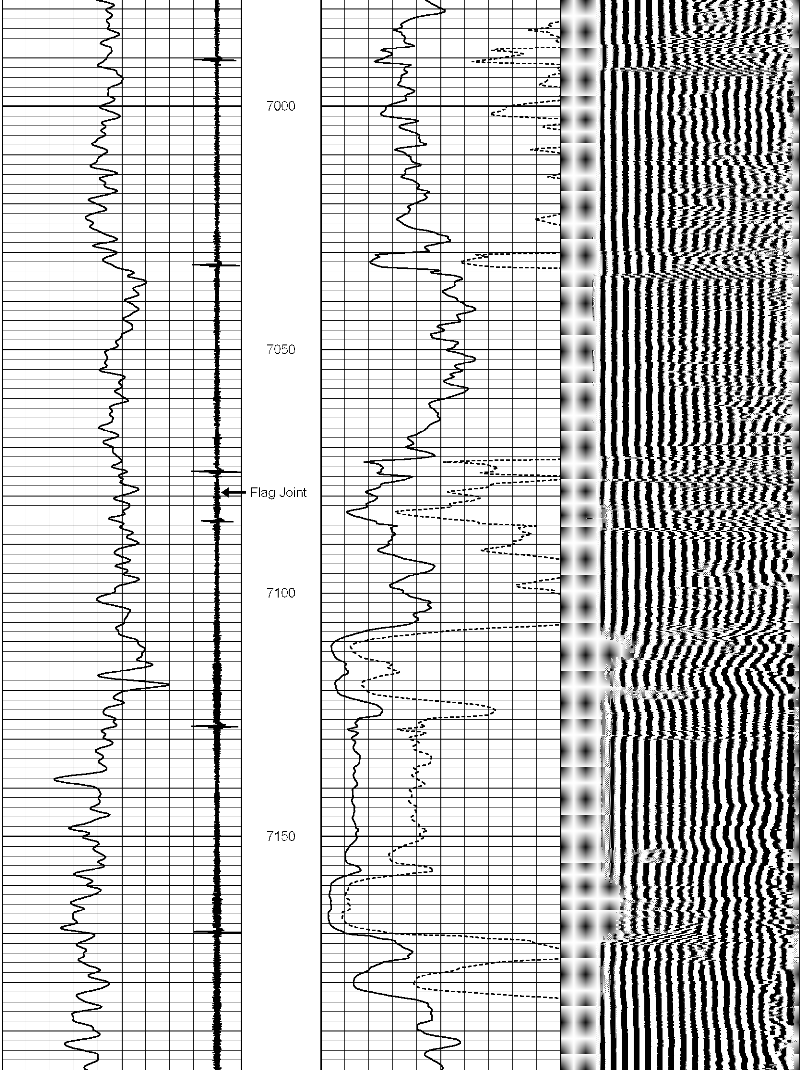
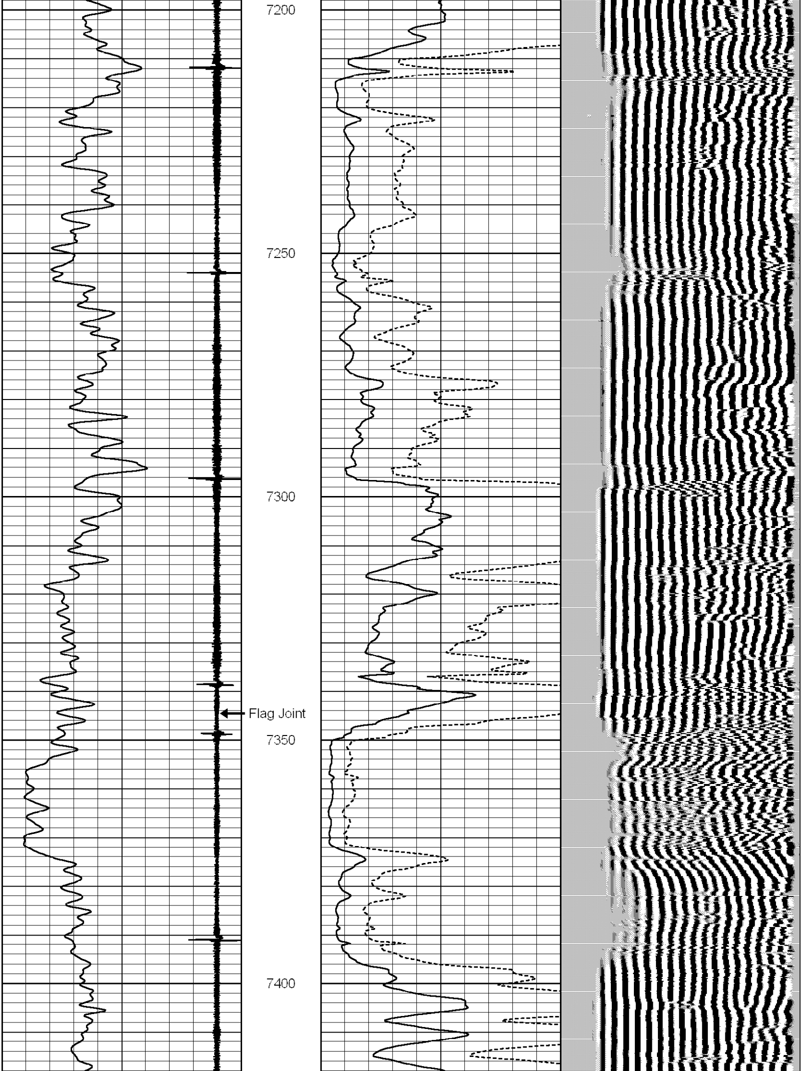
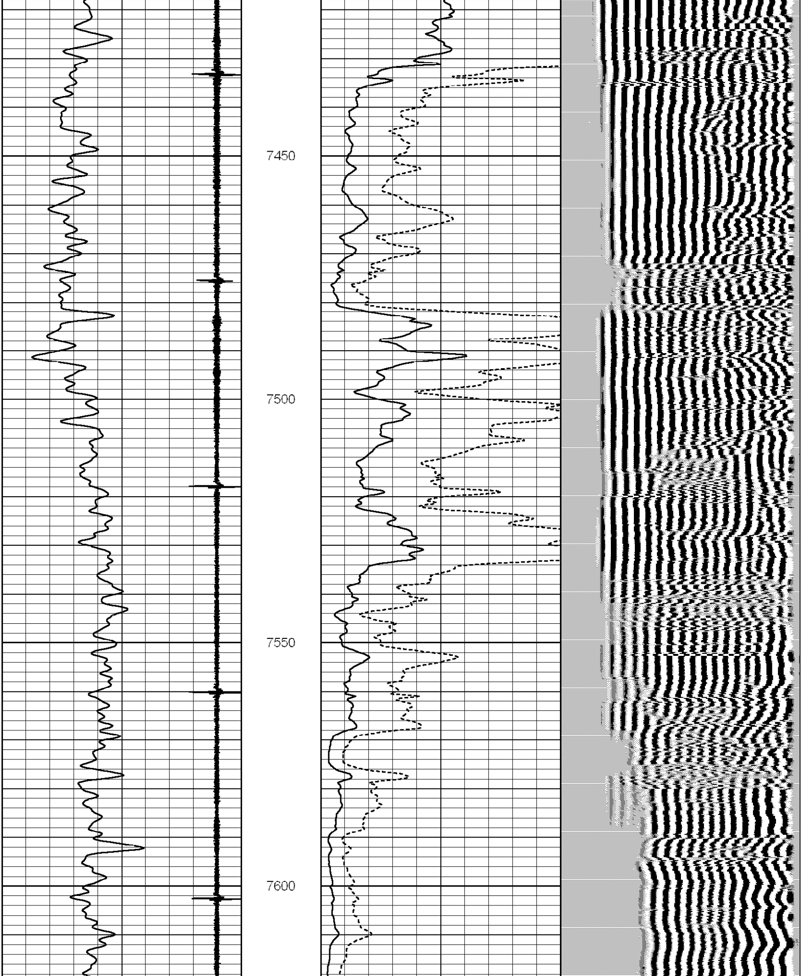
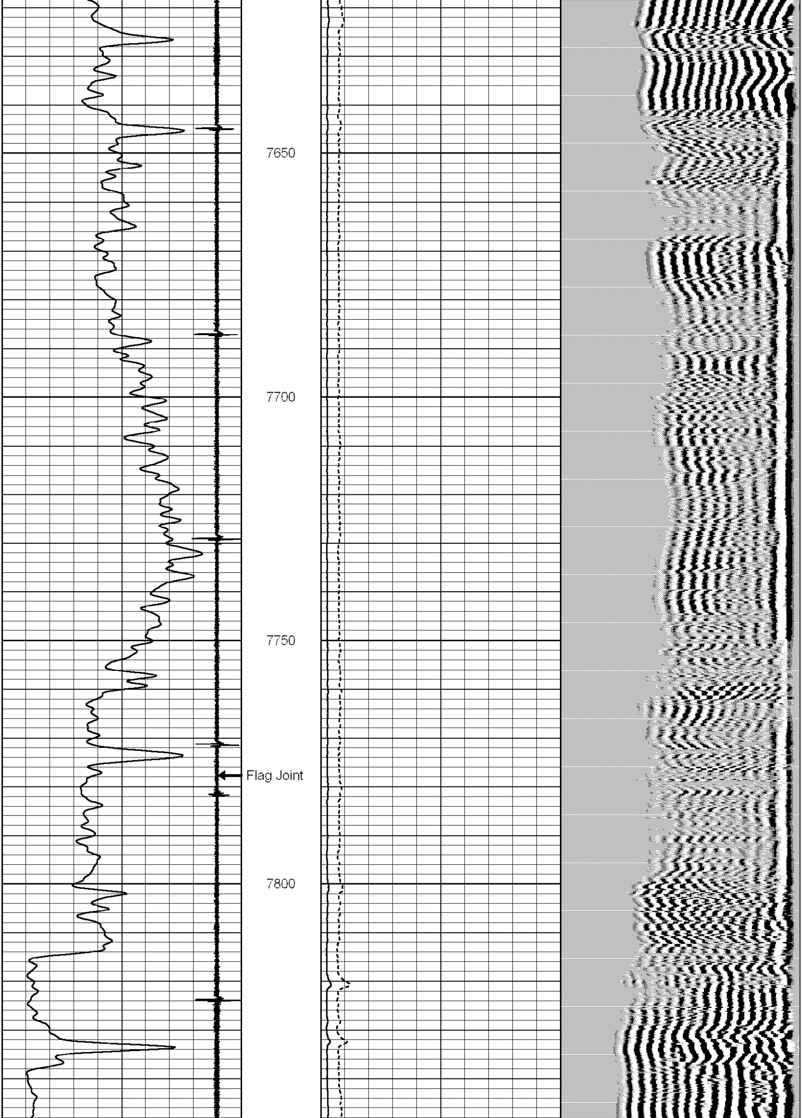
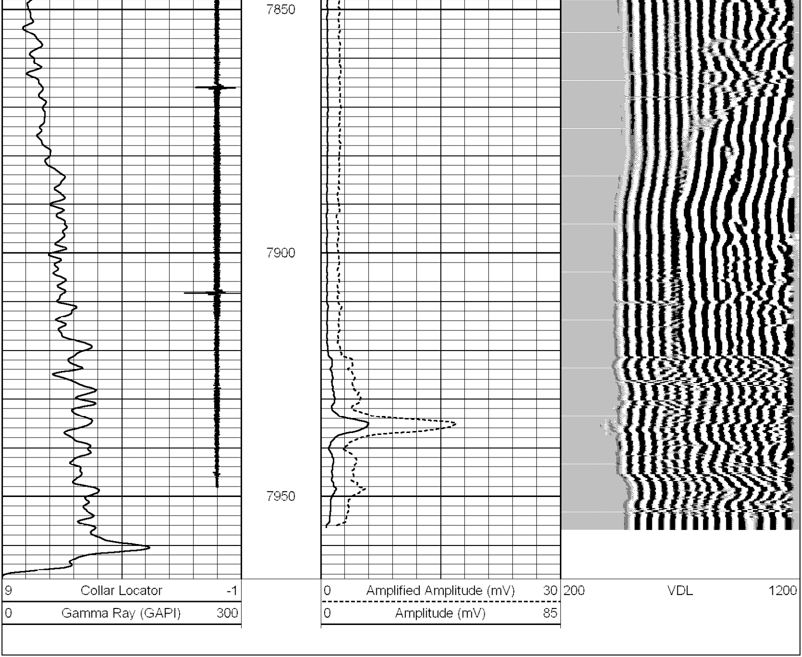










Database File:	c:\warrior\data\echeveracbl.db
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