NABORS

COMPLETION & PRODUCTION SERVICES CO.

GAMMA RAY C.C.L.
CEMENT BOND V.D.L.

Company PDC Energy
Well State Peterson 12-16
Field Wattenberg
County Weld
State CO

Company PDC Energy

Well State Peterson 12-16

Field Wattenberg

County Weld **State** CO

Location: API # : 05-123-20715

1910' FNL & 860' FWL
SW / NW

SEC 16 TWP 5N RGE 63W

Other Services

Permanent Datum GL Elevation 4710'
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4720'
D.F. 4719'
G.L. 4710'

Date	August 10, 2015		
Run Number	1		
Depth Driller	6925'		
Depth Logger	3000'		
Bottom Logged Interval	3000'-0'		
Top Log Interval			
Casing Size			
Type Fluid	WATER		
Max. Recorded Temp.	N/A		
Estimated Cement Top			
Time Well Ready			
Time Logger On Bottom			
Unit Number	923827		
Tool Size / ID Number	1-11/16 Probe		
Location	WCRs61&HWY388,E2.5,N5/10,NW5/10,N5/10,NW5/10,Sinto		
Recorded By	Meisner		
Witnessed By	Cossio		

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	4.5"			
Liner				

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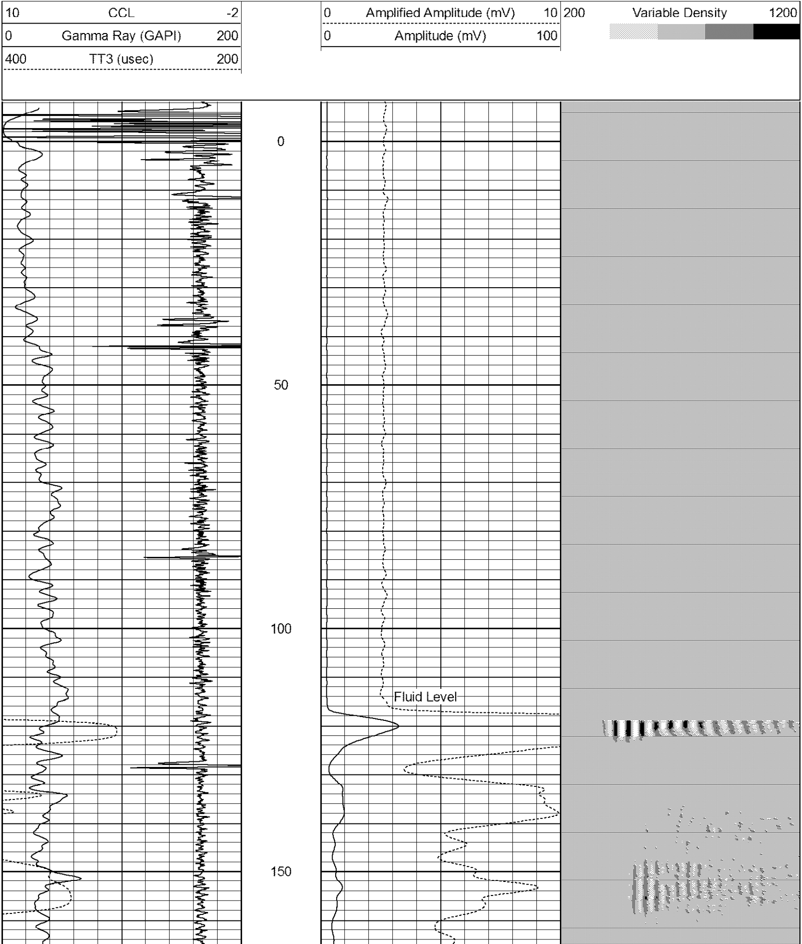
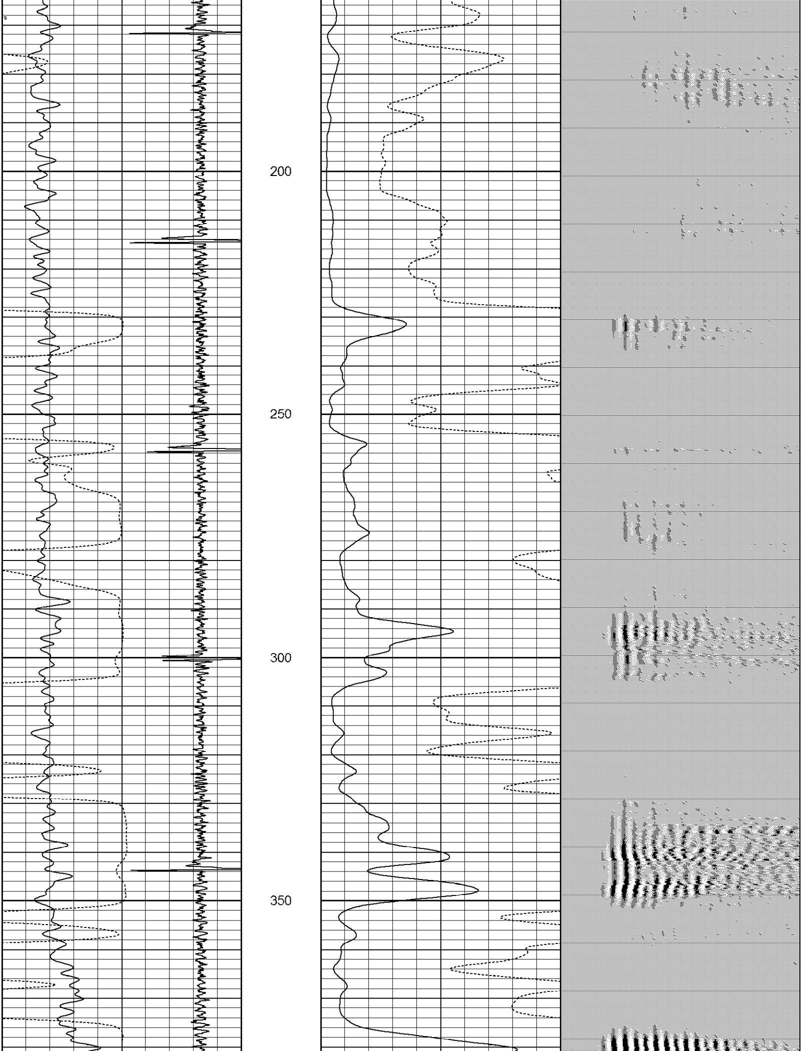
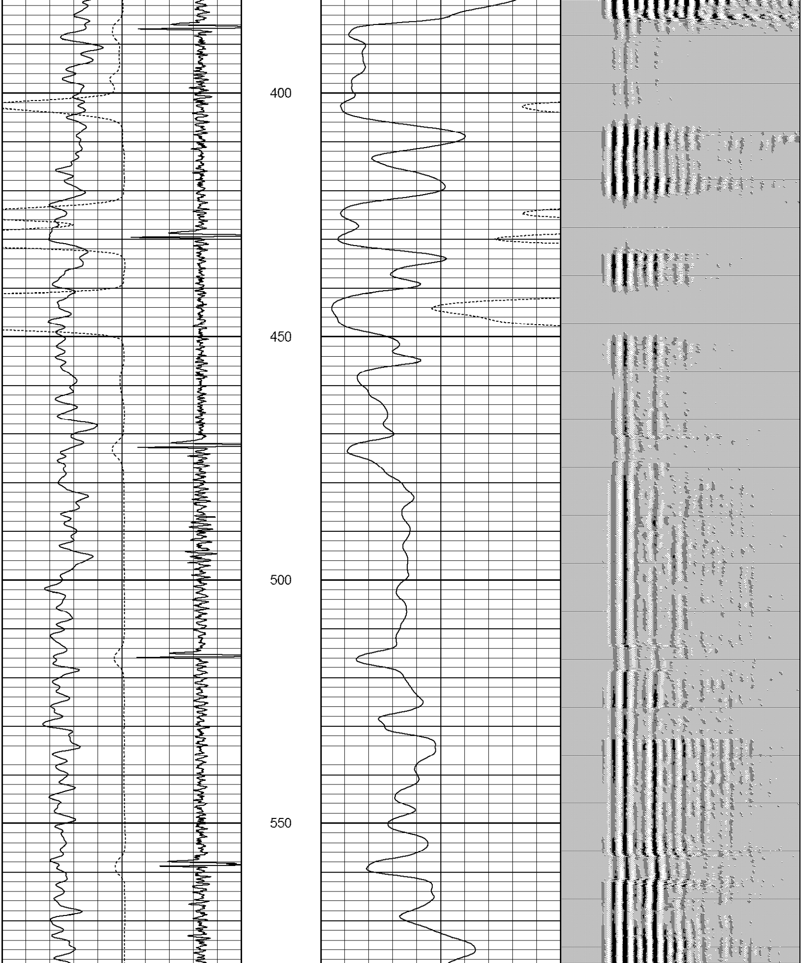
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

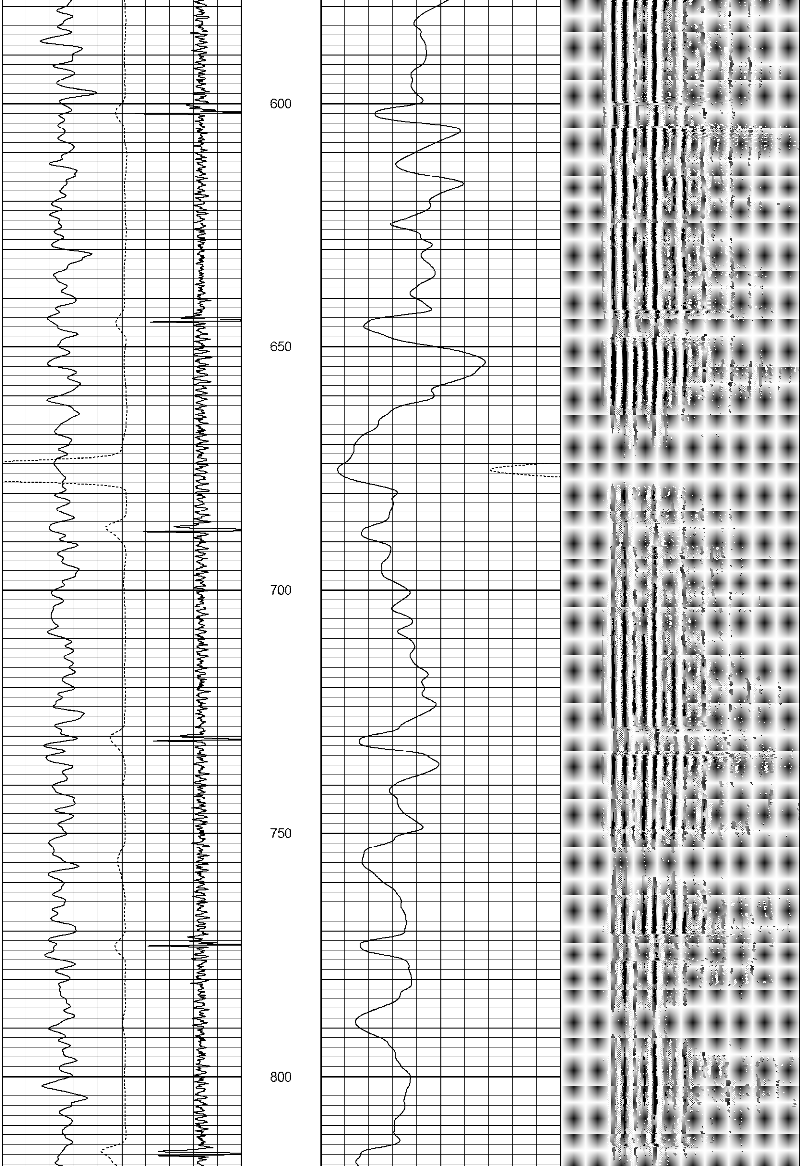
Comments

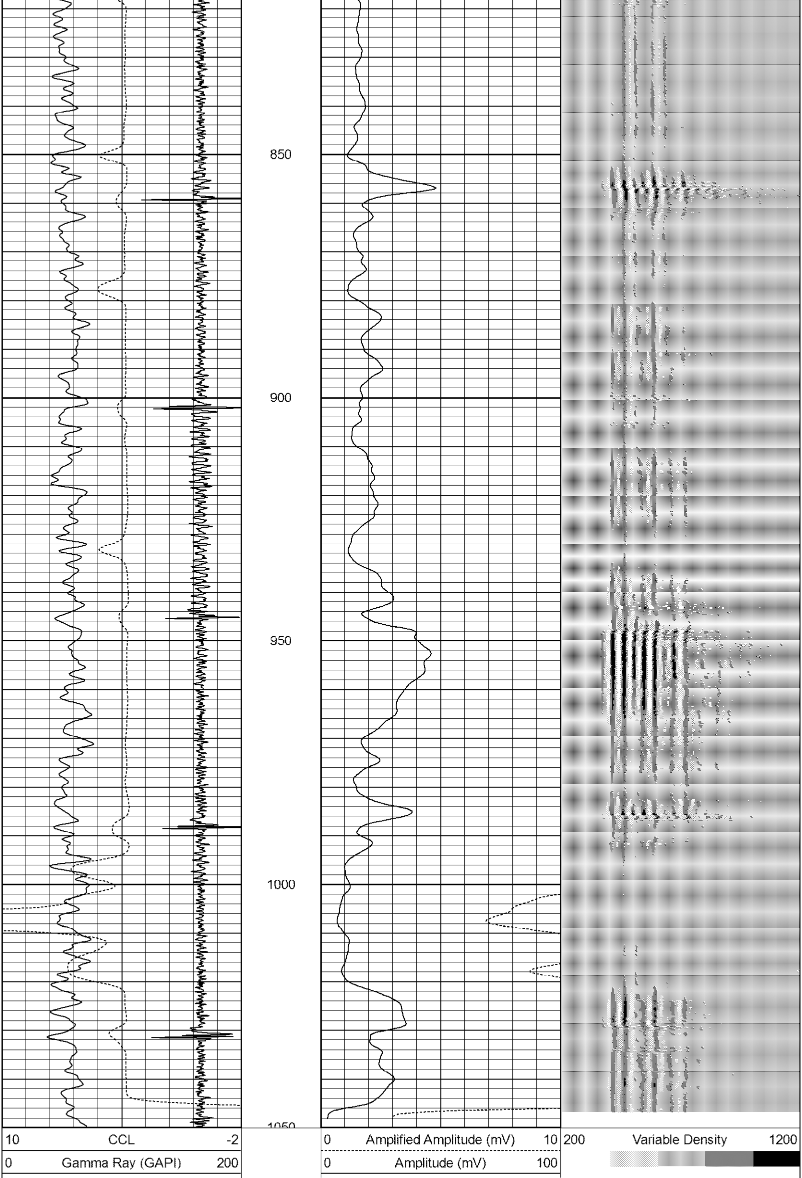
Database File: pdcs1216.db
Dataset Pathname: pass3.2
Presentation Format: noble en
Dataset Creation: Mon Aug 10 08:35:01 2015 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240











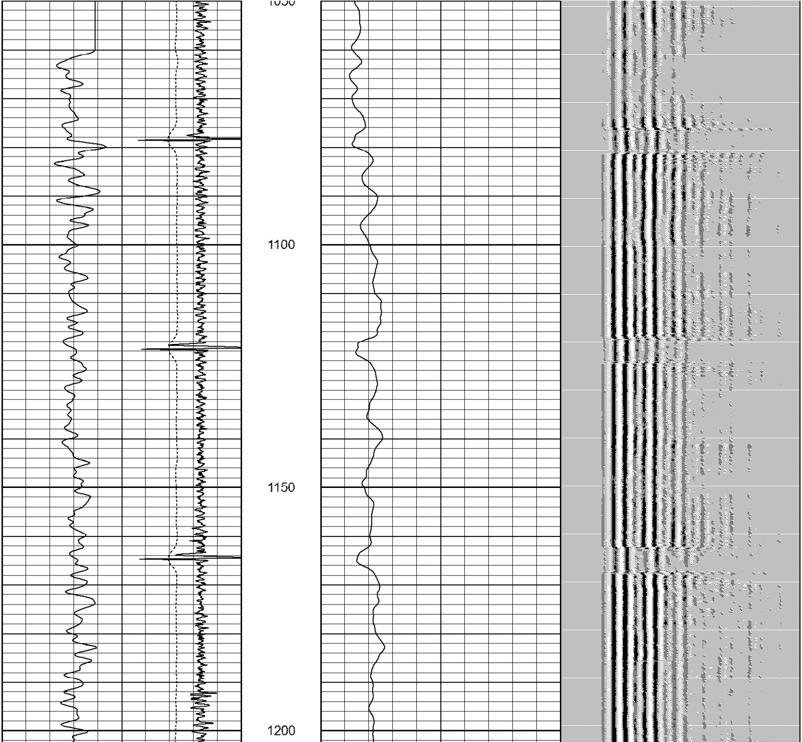
400 TT3 (usec) 200

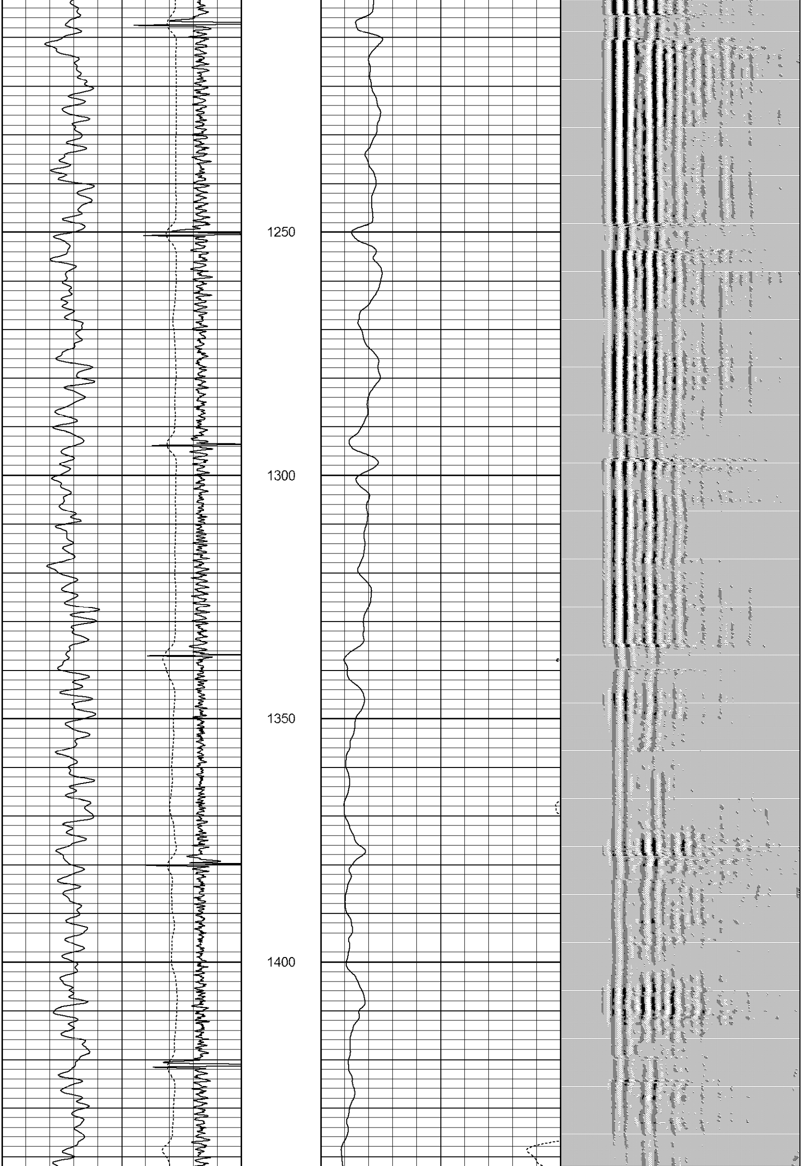
Database File: pdcs1216.db
Dataset Pathname: pass2
Presentation Format: noble en
Dataset Creation: Mon Aug 10 08:09:33 2015 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

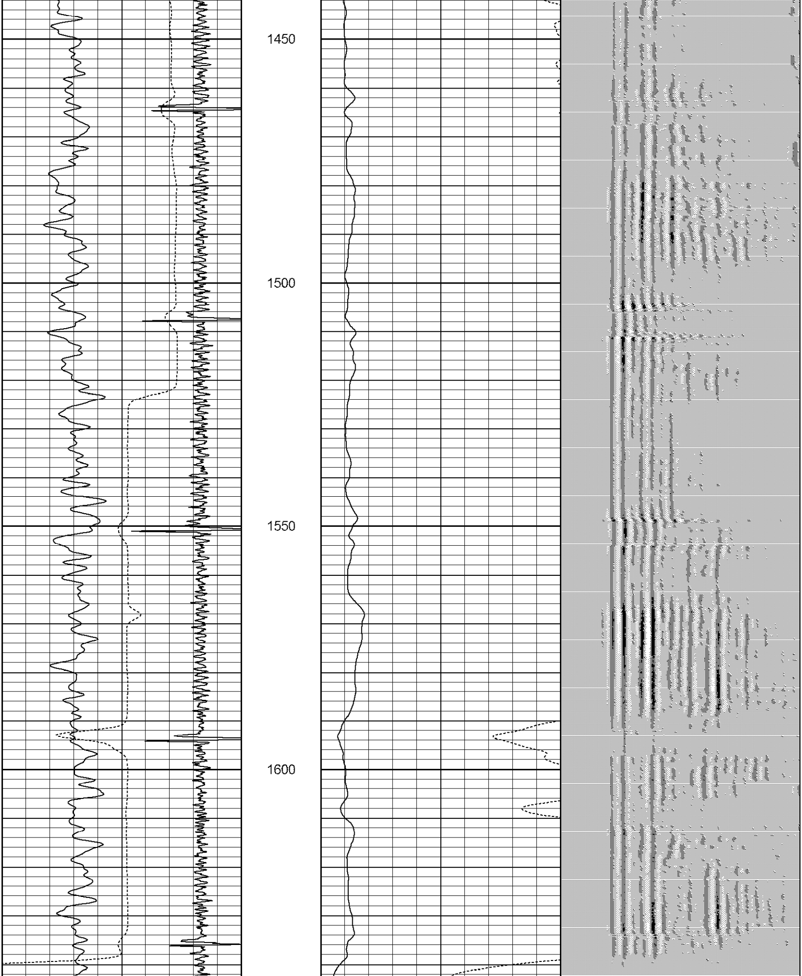
10 CCL -2
0 Gamma Ray (GAPI) 200
400 TT3 (usec) 200

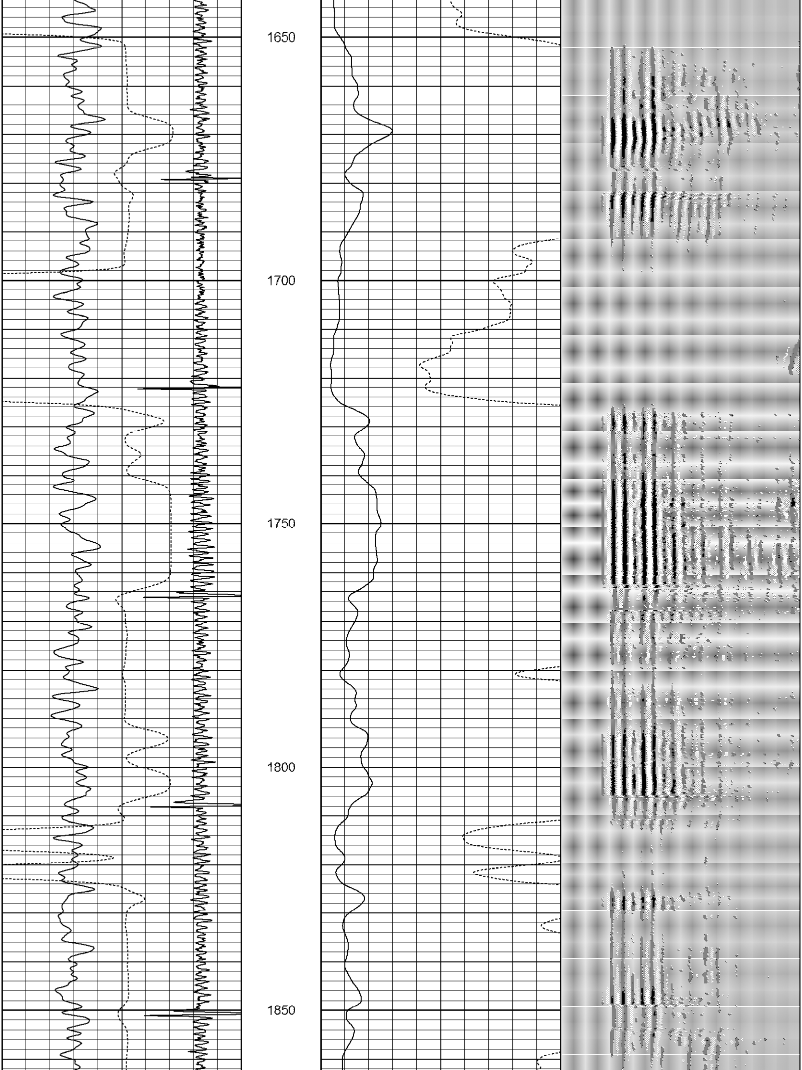
0 Amplified Amplitude (mV) 10
0 Amplitude (mV) 100

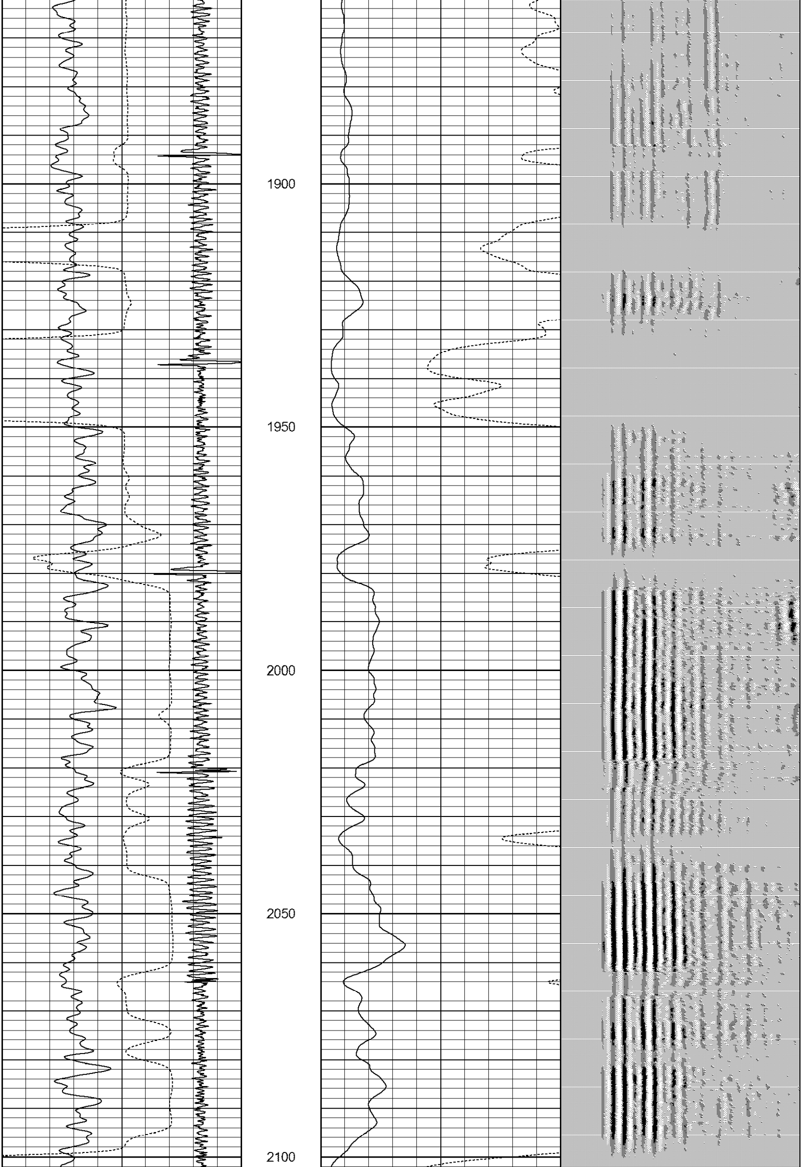
200 Variable Density 1200

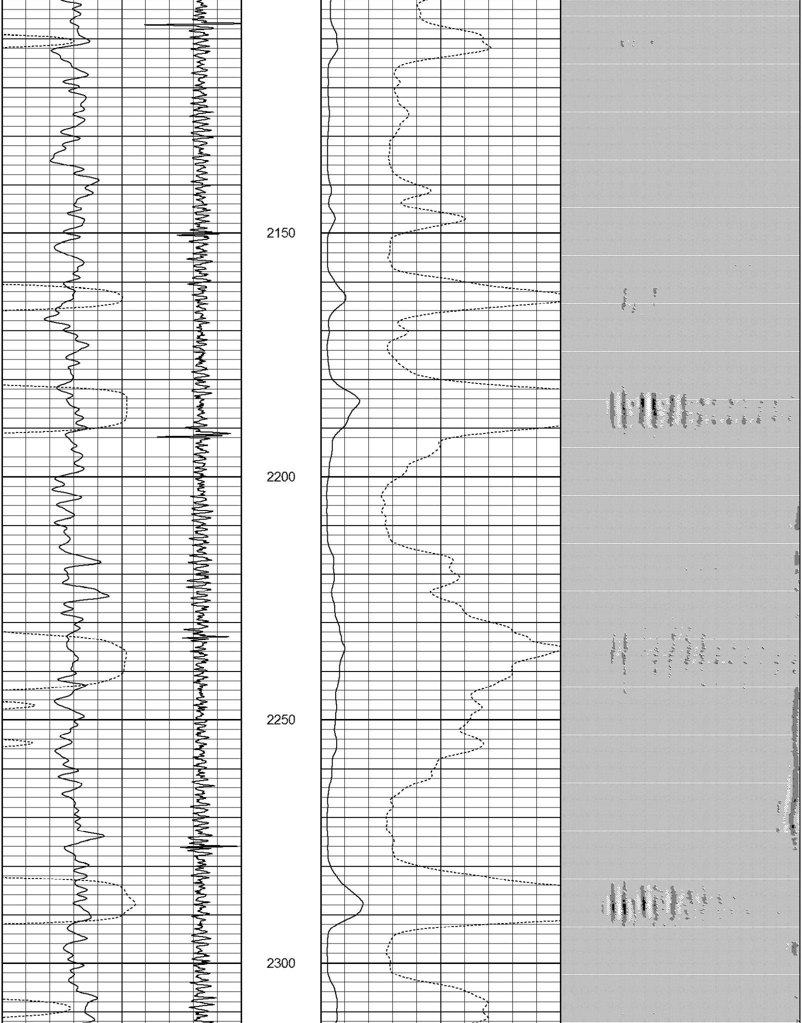


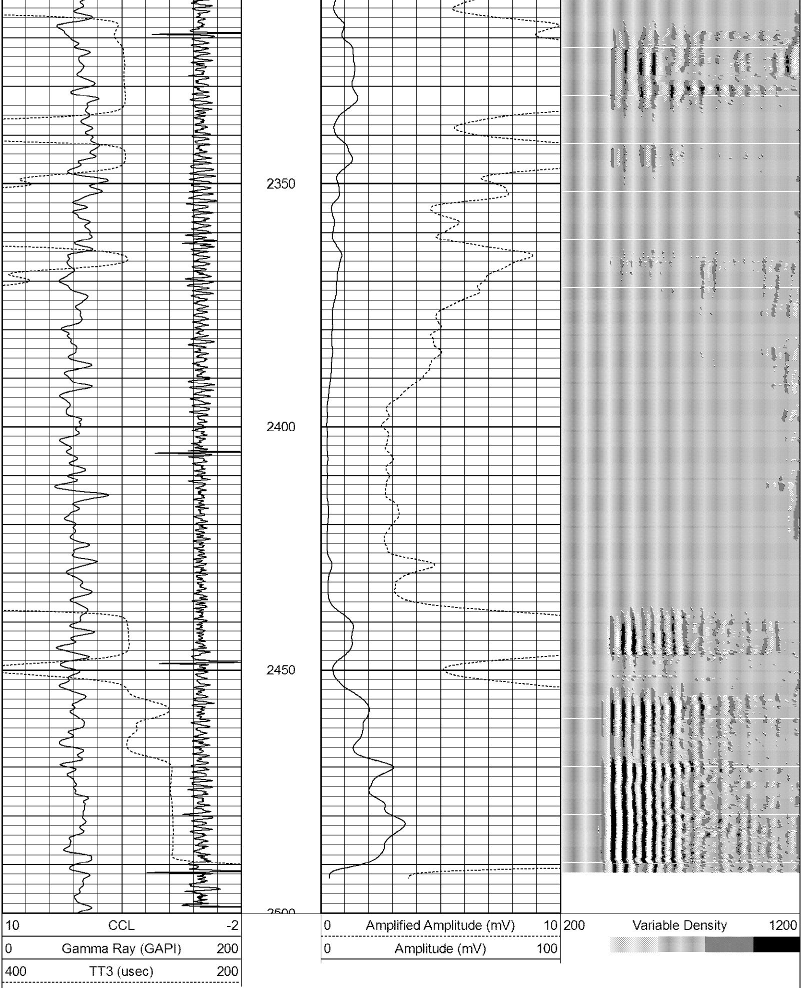












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Presentation Format:	noble en
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Charted by:	Depth in Feet scaled 1:240

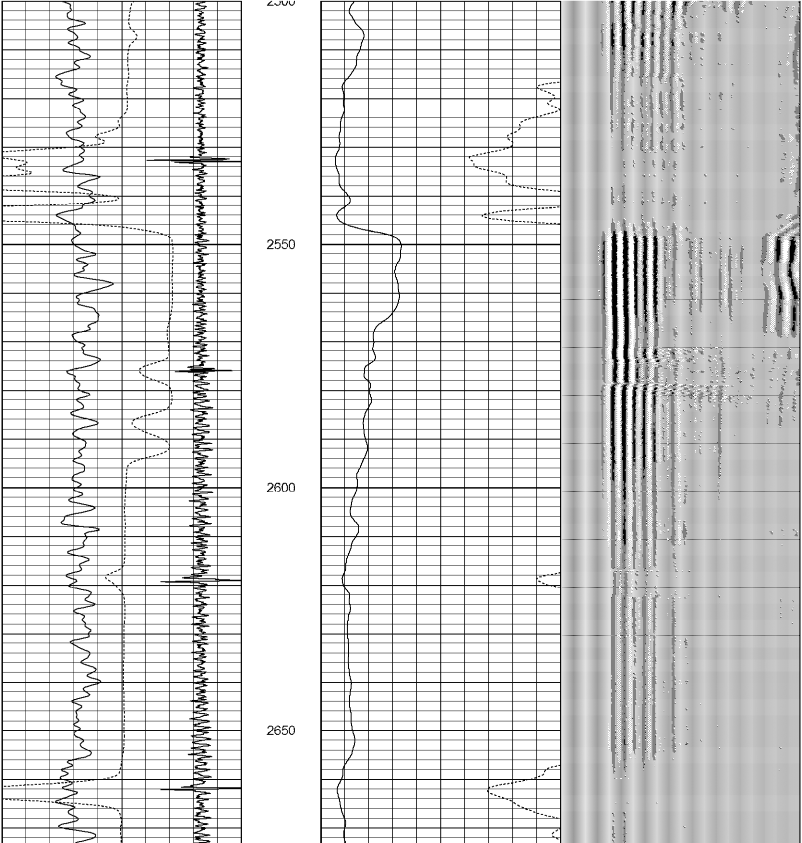
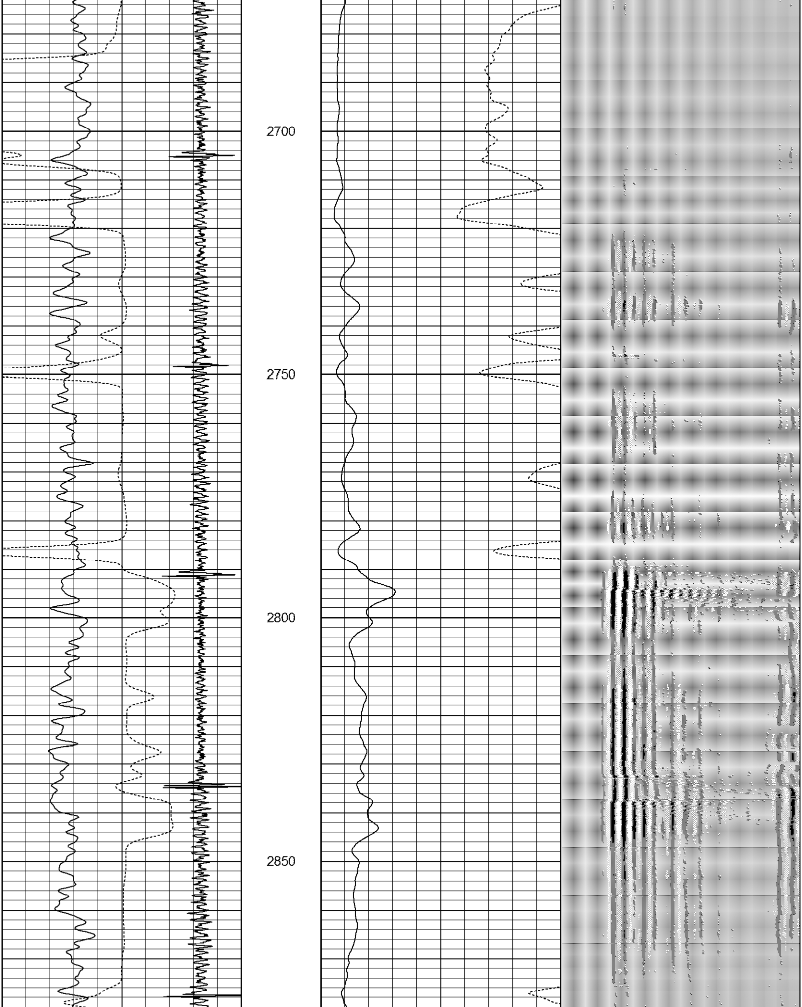
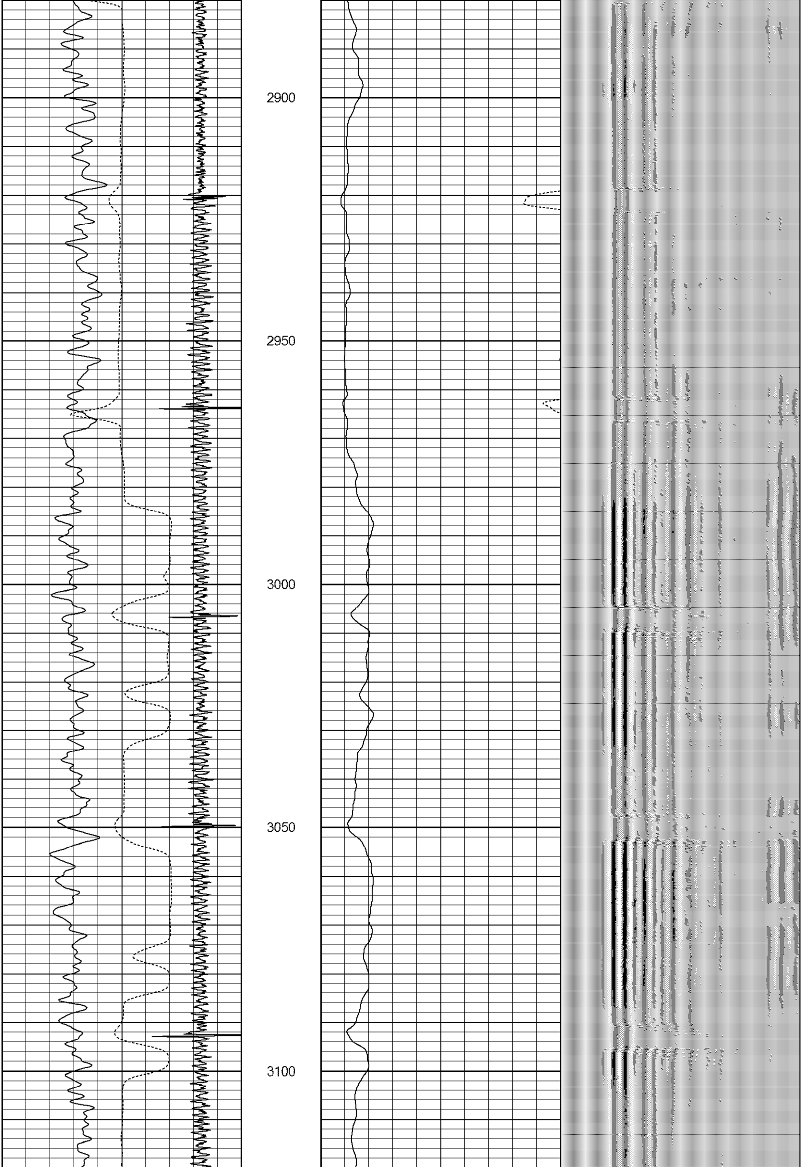
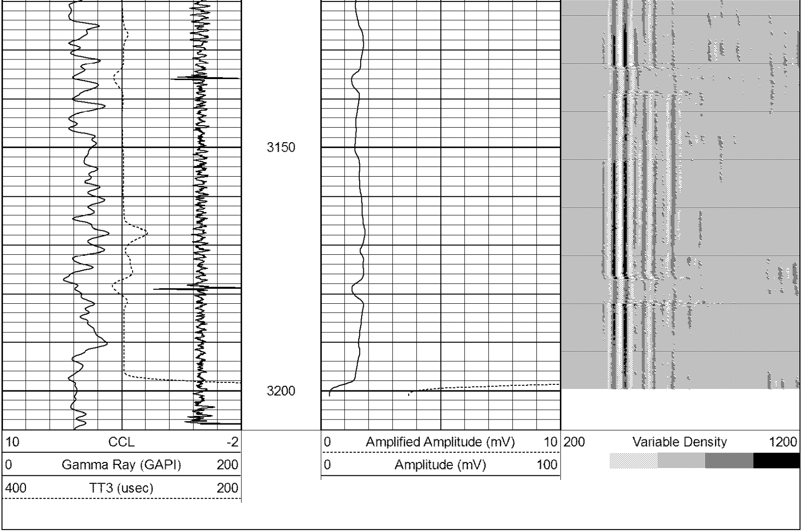
10 CCL -2

0 Gamma Ray (GAPI) 200

400 TT3 (usec) 200

0 Amplified Amplitude (mV) 10

0 Amplitude (mV) 100

200 Variable Density 1200