MOUNTAIN STATE WIRELINE

GAMMA RAY/CCL VARIALE DENSITY CEMENT BOND LOG

Company	MOUNTAINEER GAS SERVICES LLC
Well	BETTY NULL #1
Field	BANCROFT QUADRANGLE
County	PUTNAM
State	WV

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Well BETTY NULL #1

Field BANCROFT QUADRANGLE

County PUTNAM State WV

Location: API # : 47-079-01509

SEC N/A TWP N/A RGE N/A

Other Services

Permanent Datum	GROUND LEVEL	Elevation	759'
Log Measured From	D.F.		
Drilling Measured From	D.F.		

Elevation
K.B. N/A
D.F. 767'
G.L. 759'

Date	11/13/10		
Run Number	ONE		
Depth Driller	4665'		
Depth Logger	4688'		
Bottom Logged Interval	4685'		
Top Log Interval	1893'		
Open Hole Size	6.25"		
Type Fluid	H2O/ACID		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	2047'		
Time Well Ready	N/A		
Time Logger on Bottom	N/A		
Equipment Number	1		
Location	SISSONVILLE.WV		
Recorded By	M. ABSHIRE		
Witnessed By	G. LAWSON		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	6.25"	2160'	4698'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	7"	17#	SURF	2160'
Prot. String				
Production String	4.50"	10.5#	SURF	4688'
Liner				

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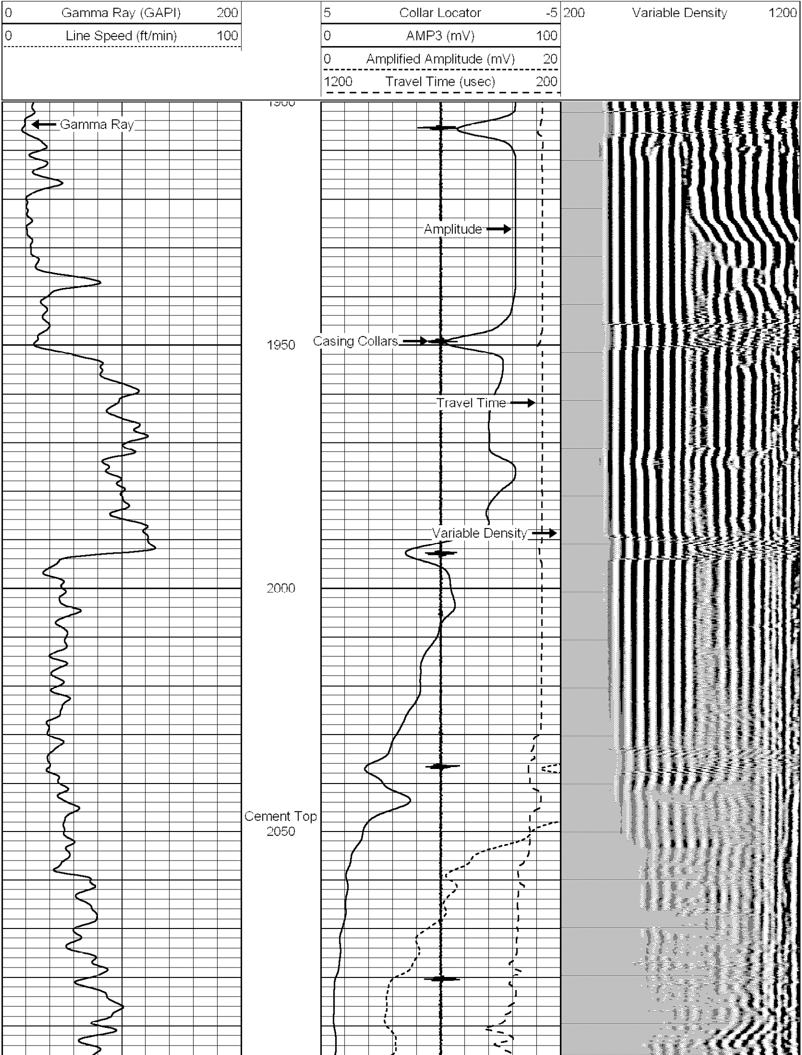
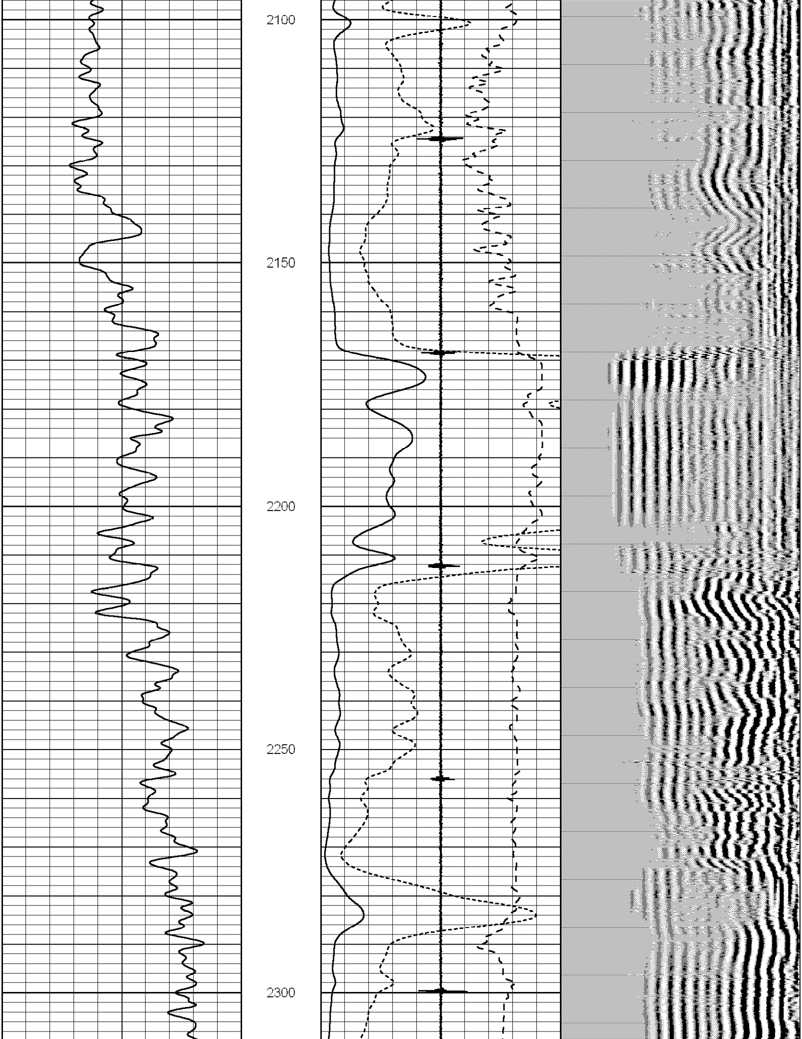
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

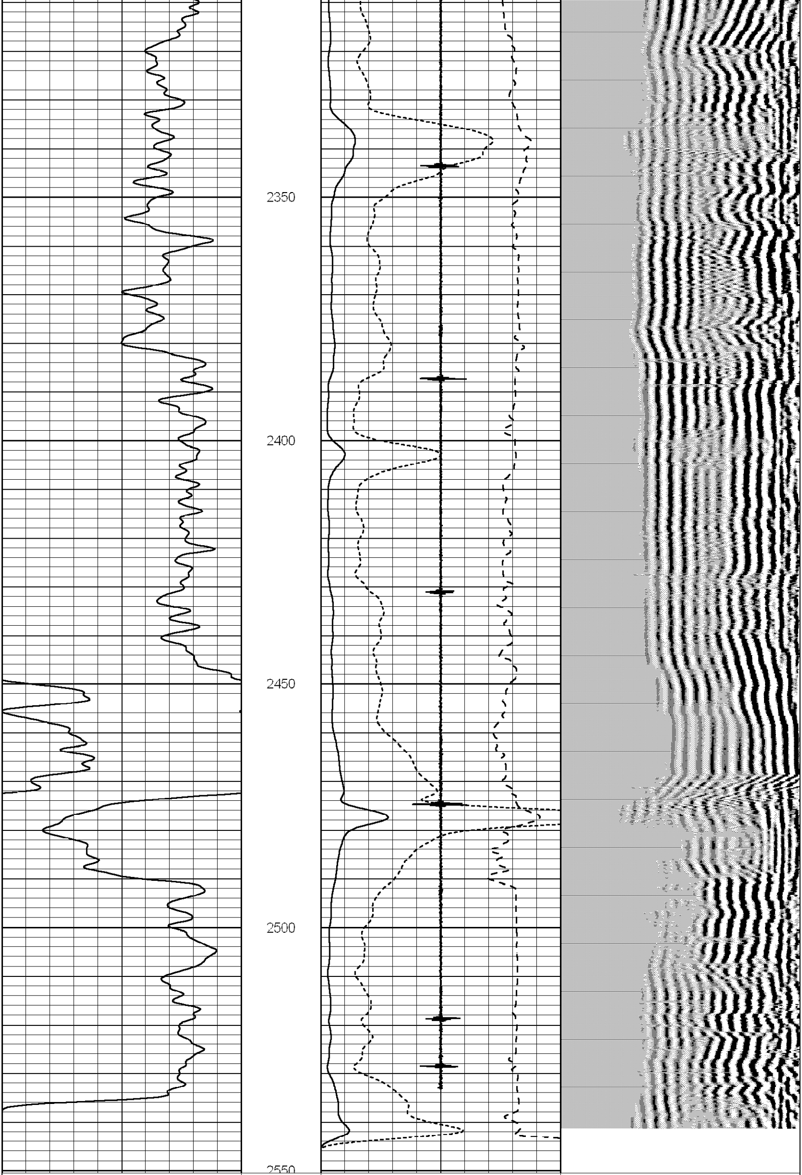
Comments

THANK YOU FOR CHOOSING MOUNTAIN STATE WIRELINE!!!

Database File: mountaineer.db
Dataset Pathname: null1/run1/pass2
Presentation Format: cbl_dr
Dataset Creation: Mon Dec 13 11:24:02 2010 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240



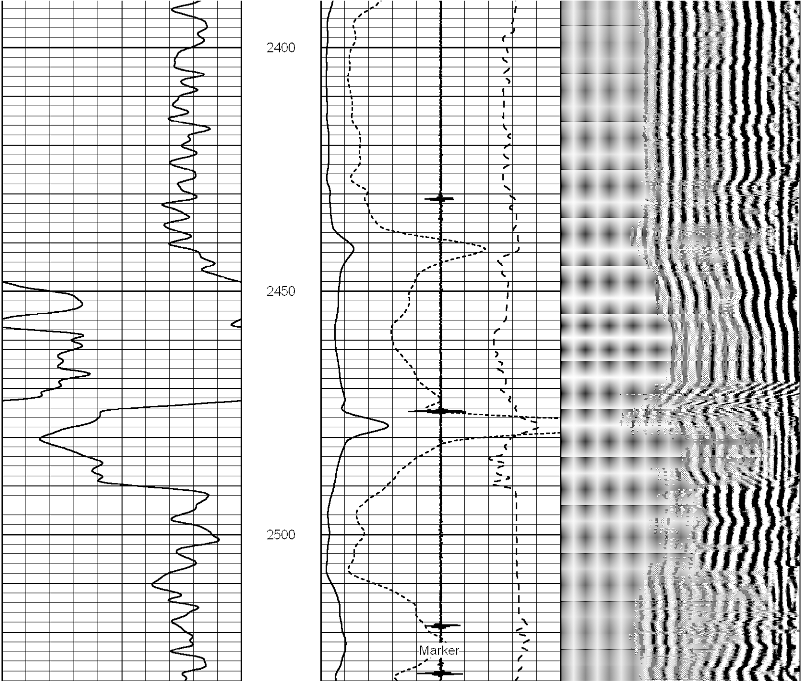


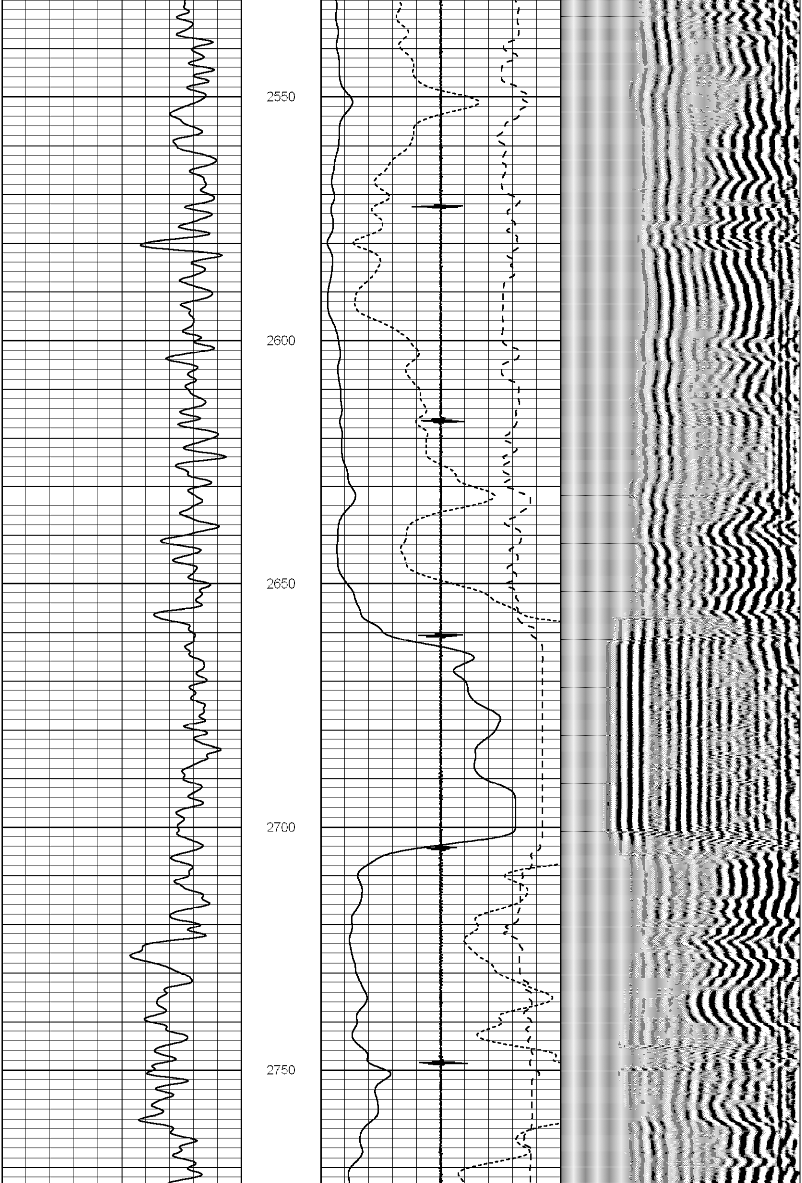


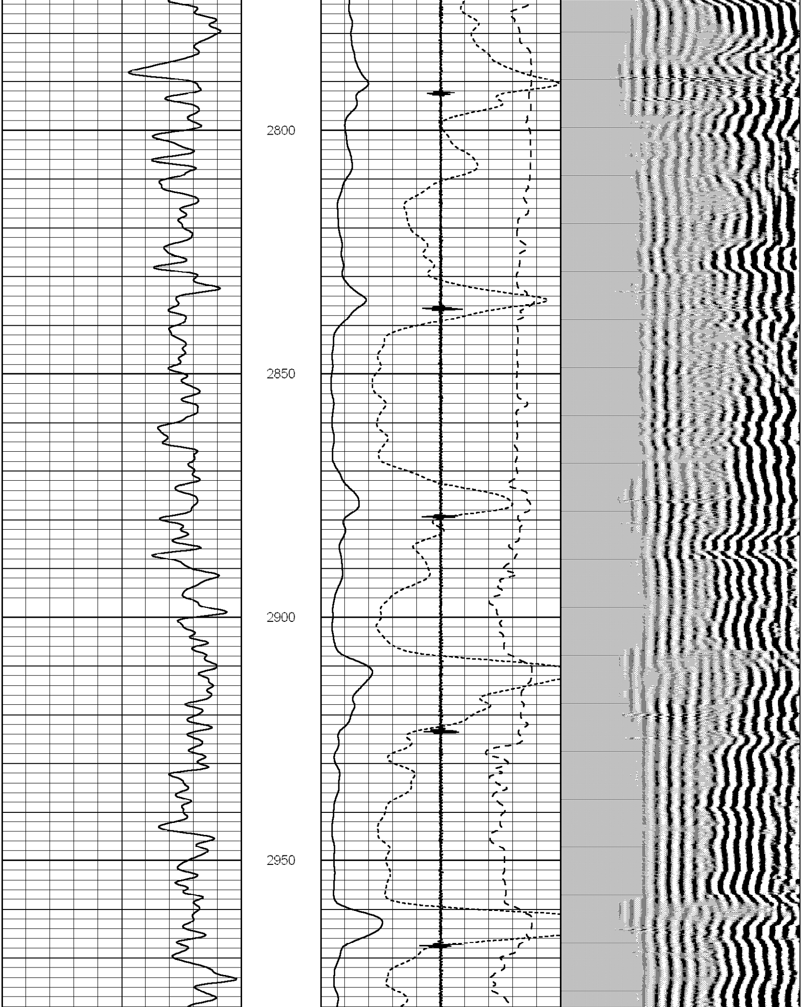
0 Gamma Ray (GAPI) 200	5 Collar Locator -5	200 Variable Density 1200
0 Line Speed (ft/min) 100	0 AMP3 (mV) 100	
	0 Amplified Amplitude (mV) 20	
	1200 Travel Time (usec) 200	

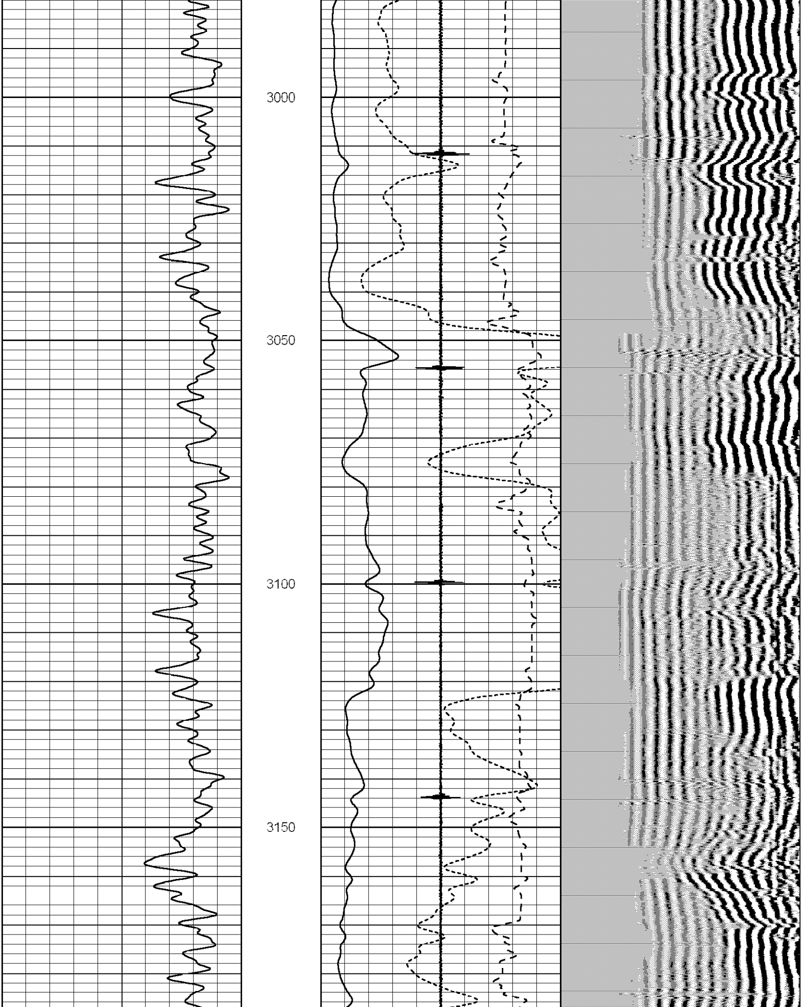
Database File:	mountaineer.db
Dataset Pathname:	null1/run1/pass1
Presentation Format:	cbl_dr
Dataset Creation:	Mon Dec 13 10:42:44 2010 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240

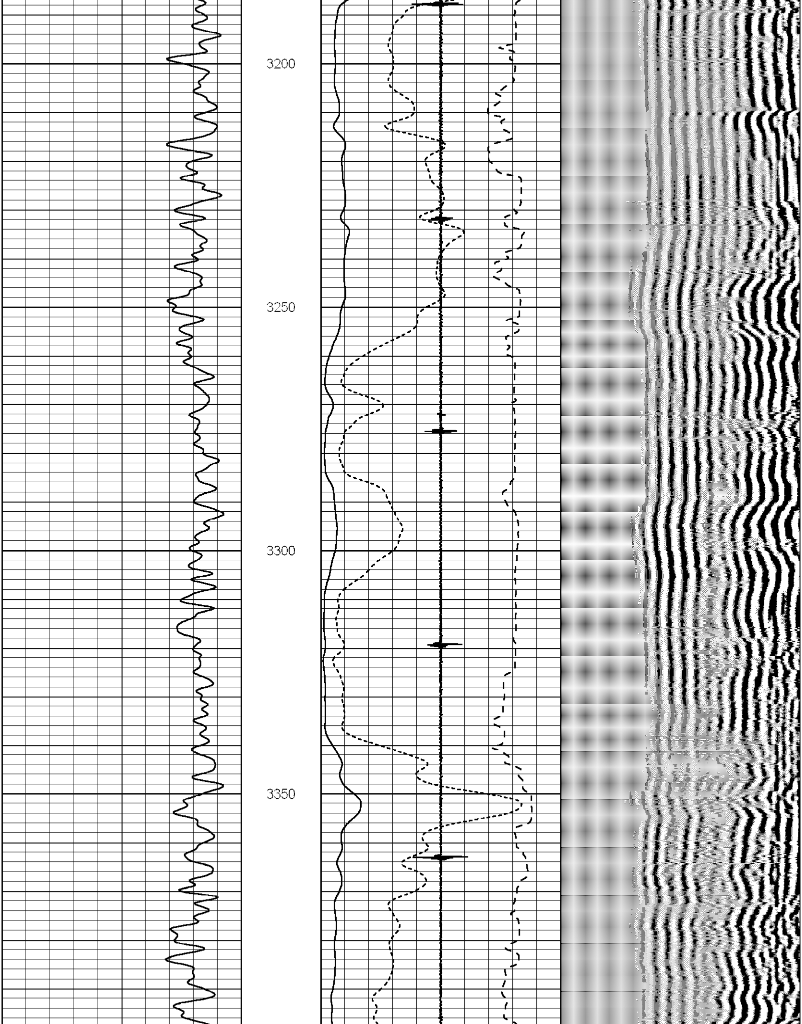
0 Gamma Ray (GAPI) 200	5 Collar Locator -5	200 Variable Density 1200
0 Line Speed (ft/min) 100	0 AMP3 (mV) 100	
	0 Amplified Amplitude (mV) 20	
	1200 Travel Time (usec) 200	

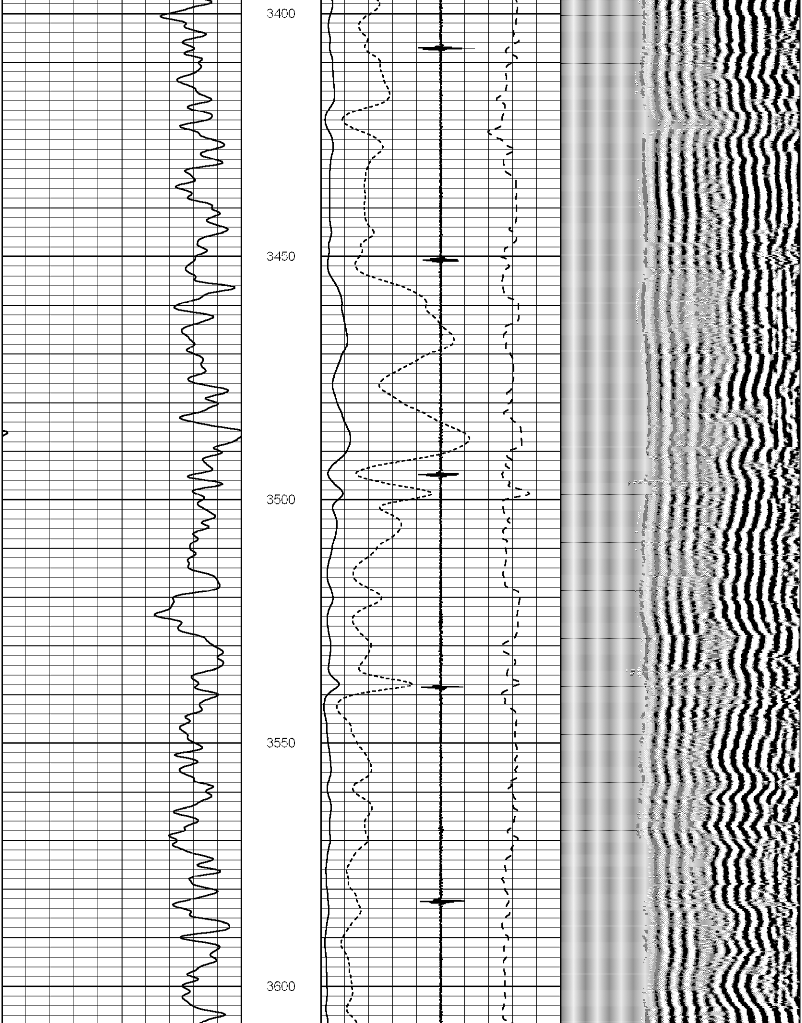


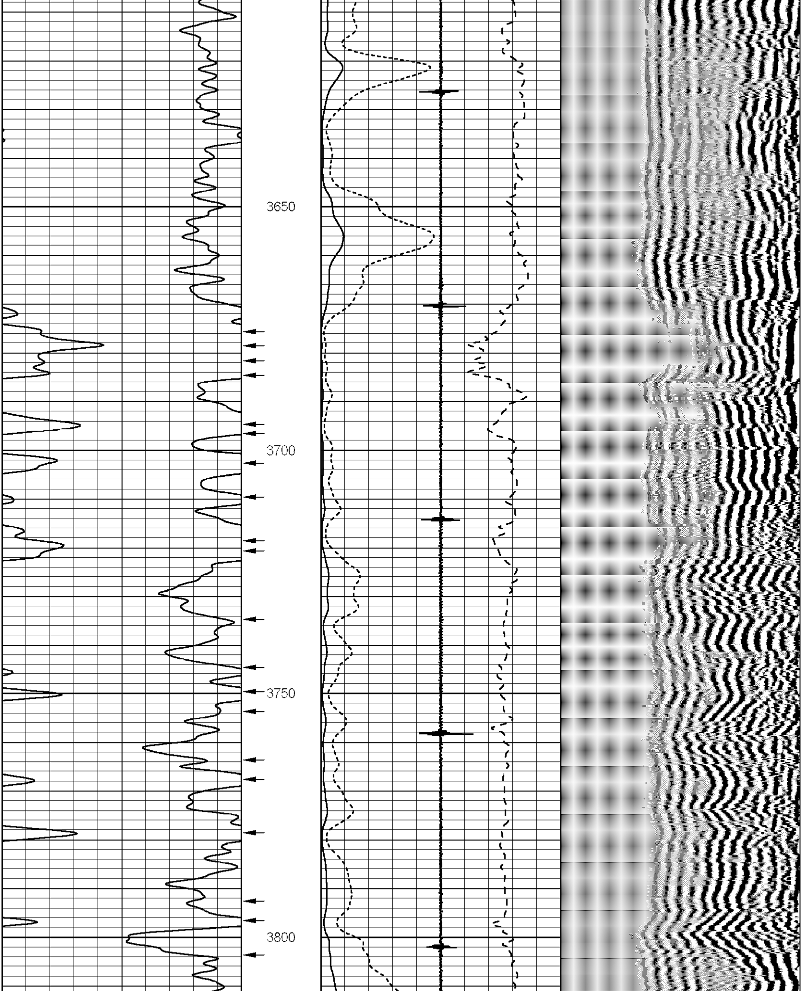


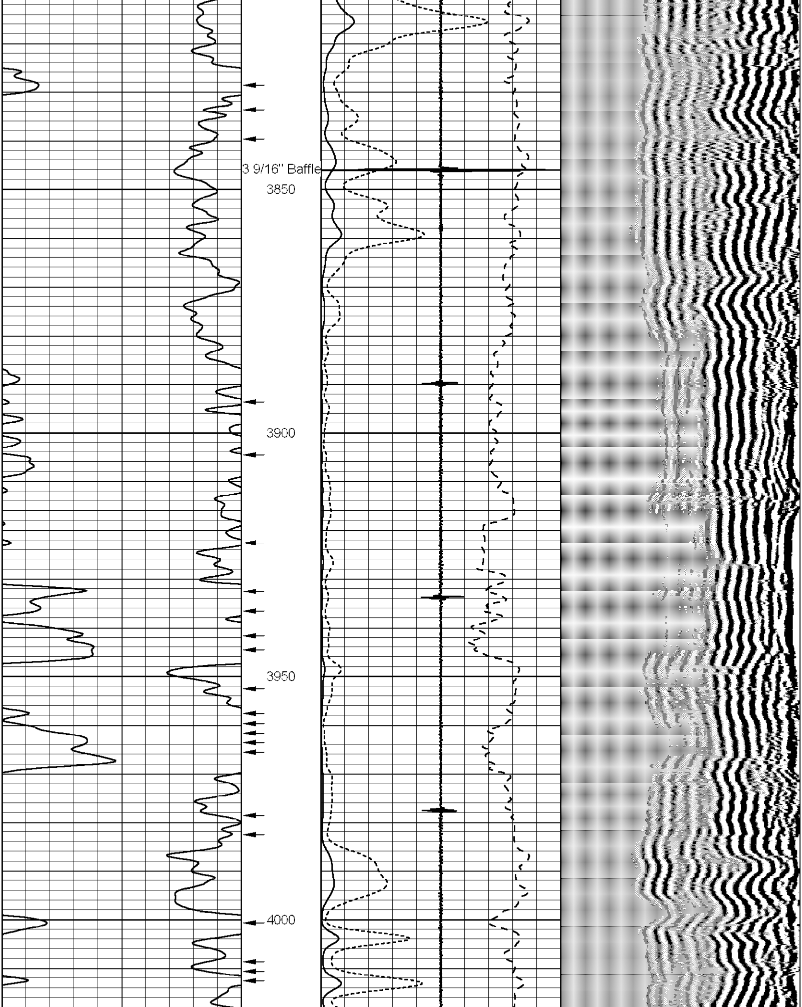


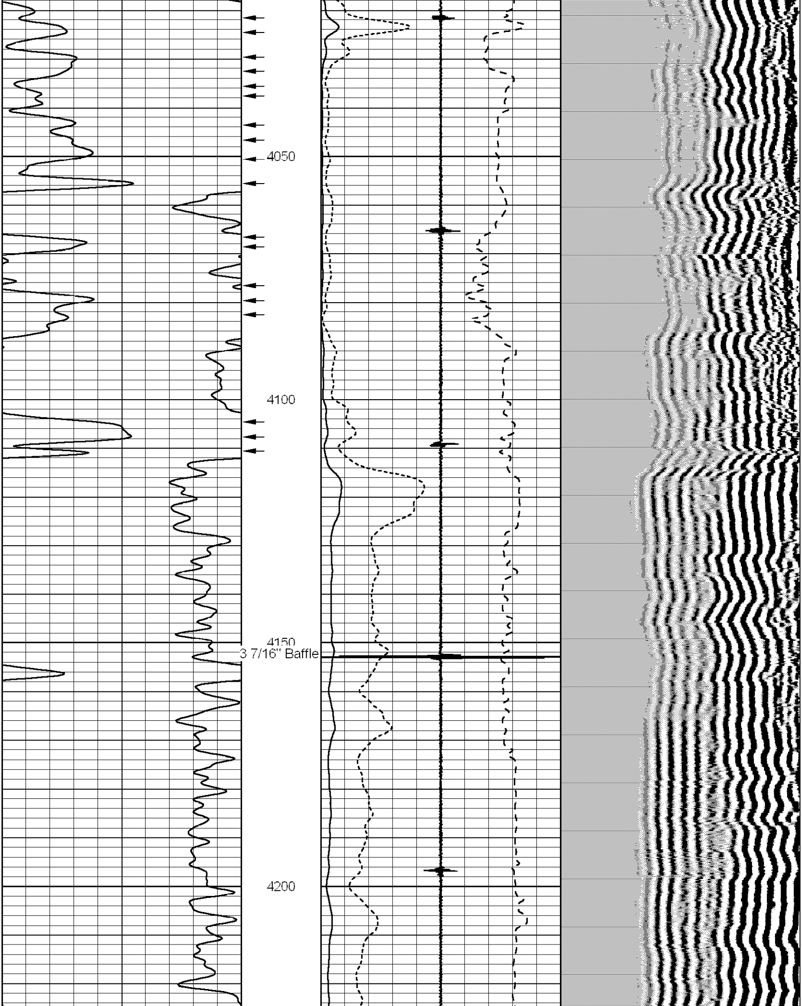


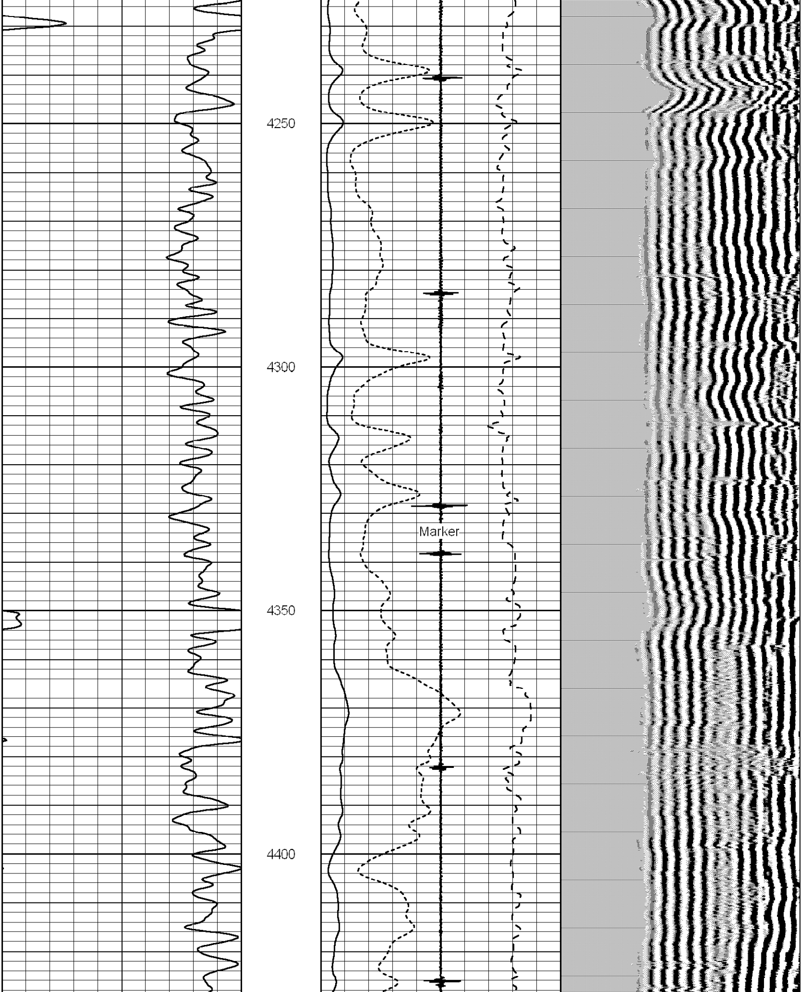


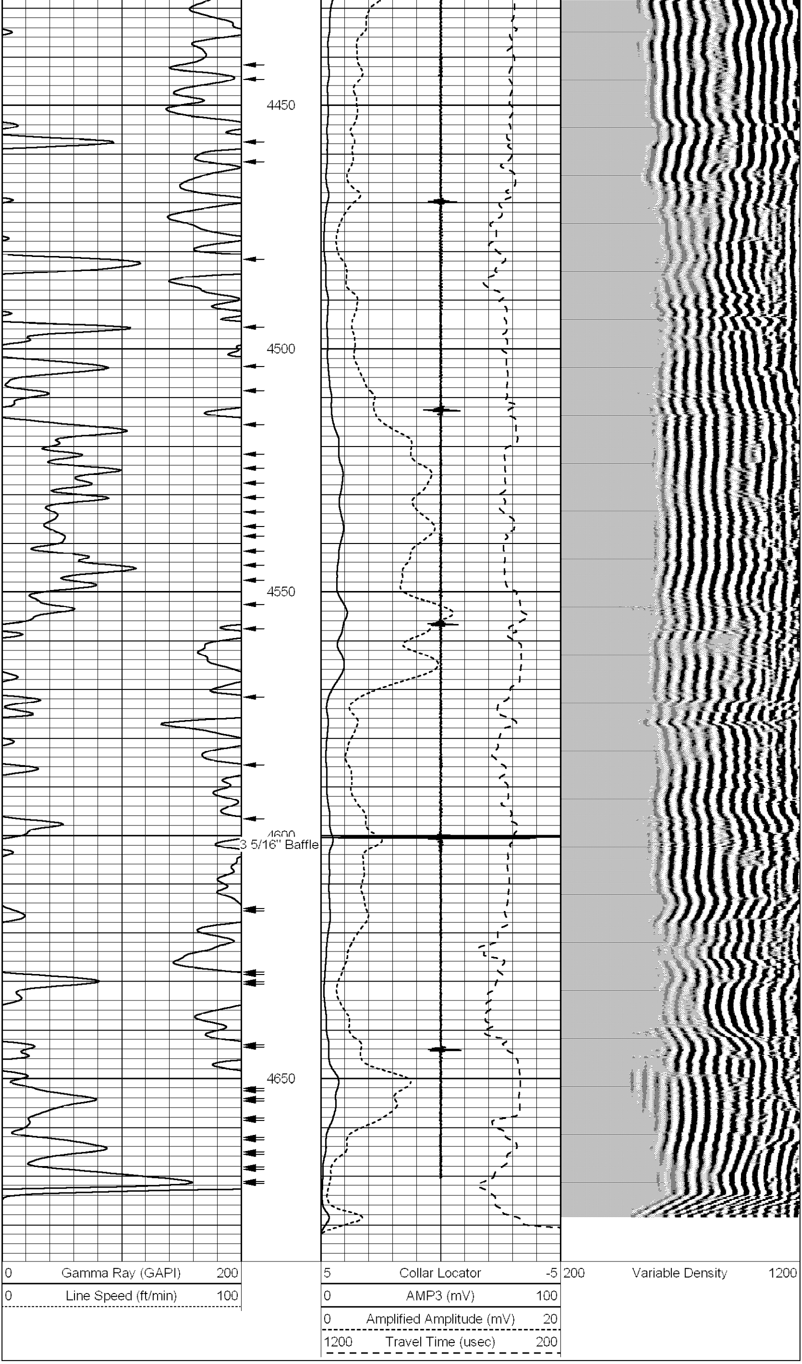











4450
4500
4550
4600
3 5/16" Baffle
4650
0 Gamma Ray (GAPI) 200
0 Line Speed (ft/min) 100
5 Collar Locator -5
0 AMP3 (mV) 100
0 Amplified Amplitude (mV) 20
1200 Travel Time (usec) 200
200 Variable Density 1200