Casedhole Solutions

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

Company PDC Energy
Well Wiedeman Federal 22G - 302
Field Wattenberg
County Weld
State CO

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Field Wattenberg
County Weld **State** CO

Location: API # : 05-123-43392

2185' FSL & 240' FWL
NW / SW
SEC 22 TWP 4N RGE 66W

Other Services

Permanent Datum	GL	Elevation	4737'	Elevation K.B. D.F. G.L. 4737'
Log Measured From	GL			
Drilling Measured From	KB			

Date	Decemeber 11, 2017		
Run Number	1		
Depth Driller	11,598'		
Depth Logger	6700'		
Bottom Logged Interval	6700'-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	923856		
Tool Size / ID Number	2-3/4" Probe Radii		
Location	WCRs31+44,s1/2,einto		
Recorded By	Meisner		
Witnessed By	Gardella		

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	5.5"			
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.

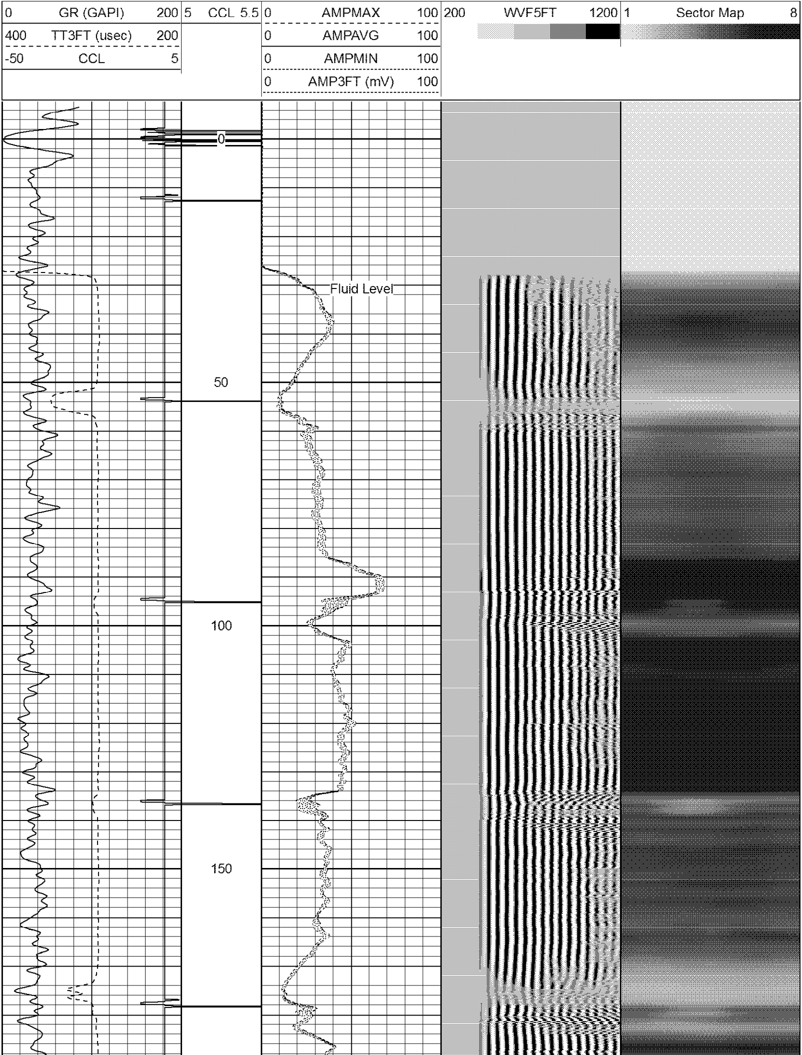
Comments

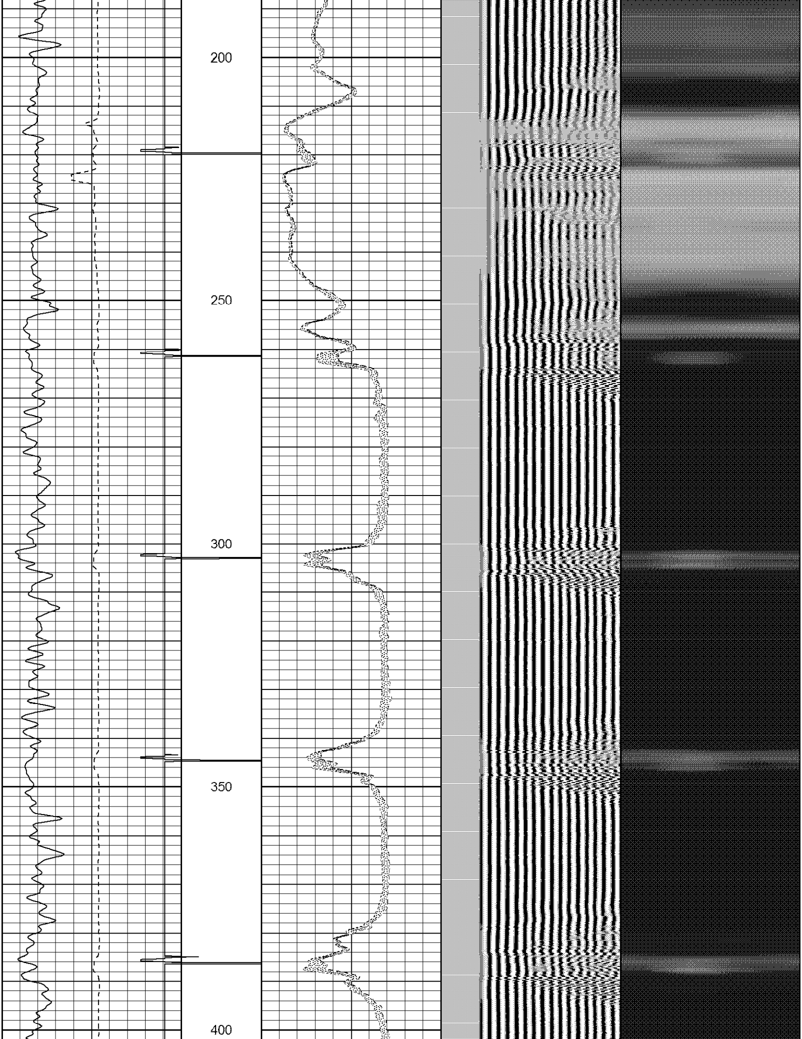
Wiedeman Federal 10 Well Pad

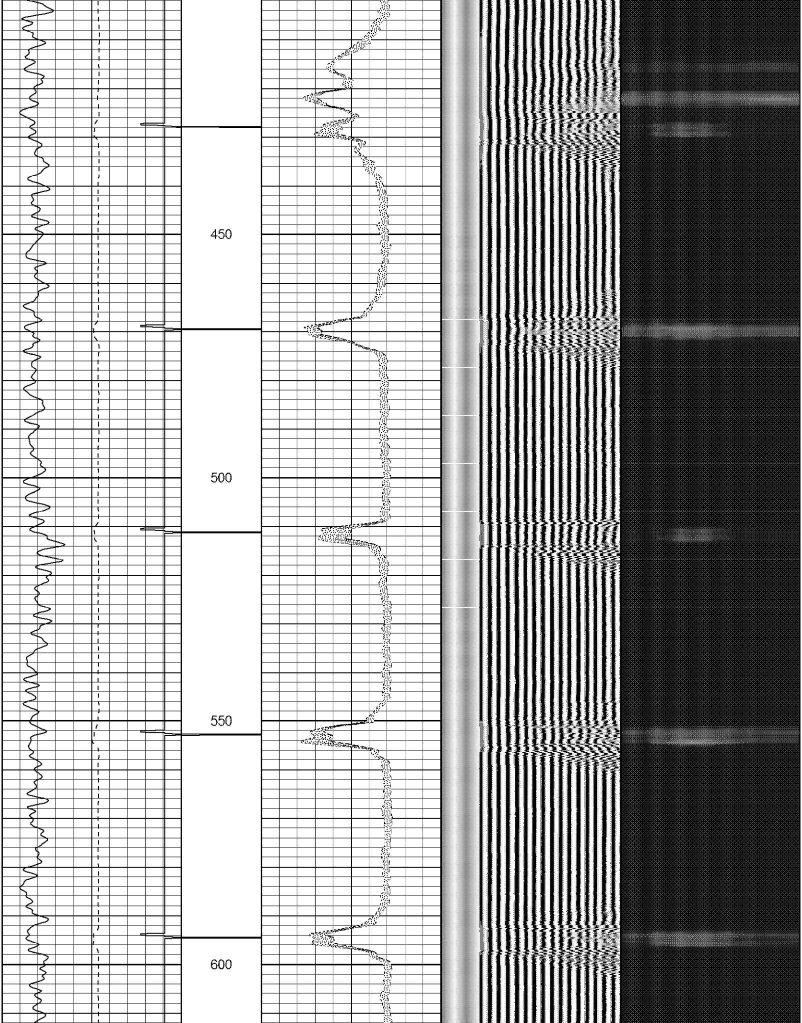
<NORTH> X O O O O O O O O O <SOUTH>

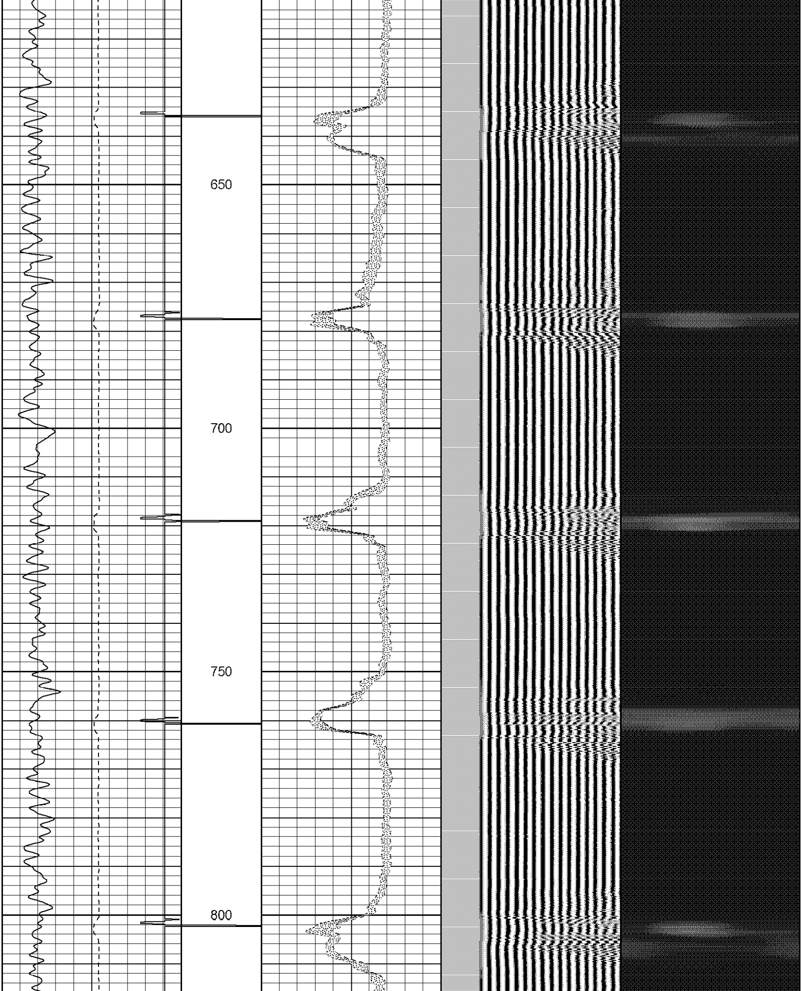
X = Wiedeman Federal 22G - 302

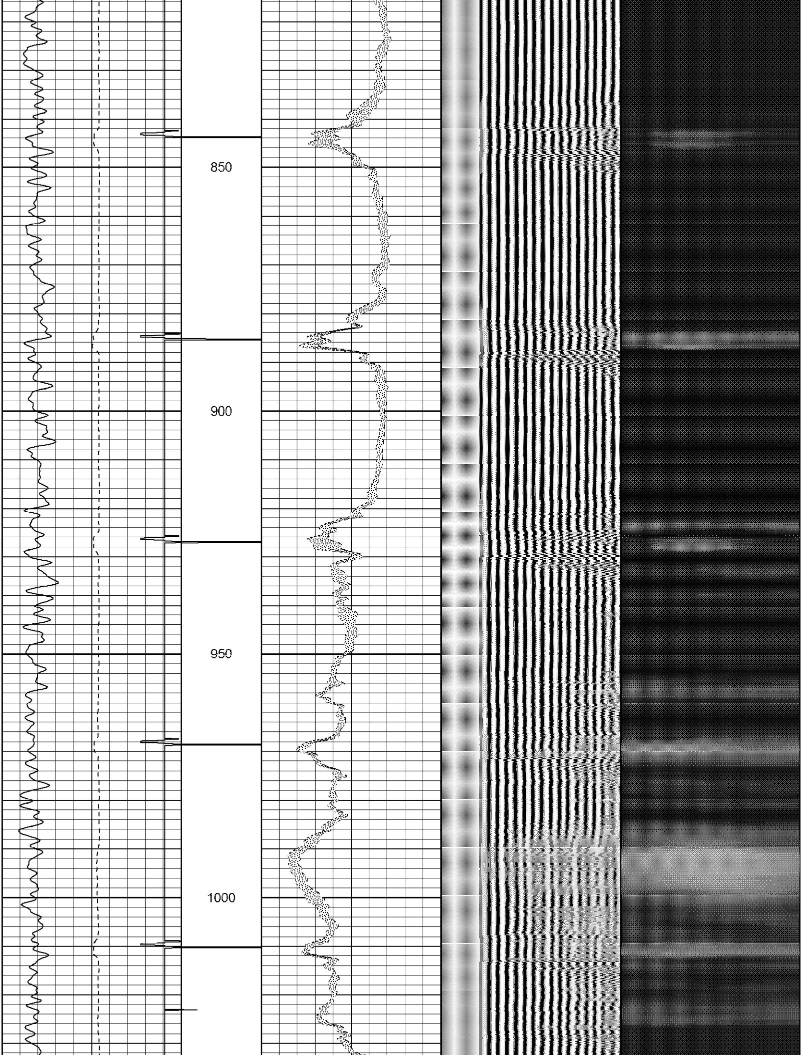
Database File: pdcwf22g302.db
Dataset Pathname: pass4
Presentation Format: sector2
Dataset Creation: Mon Dec 11 08:45:15 2017 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

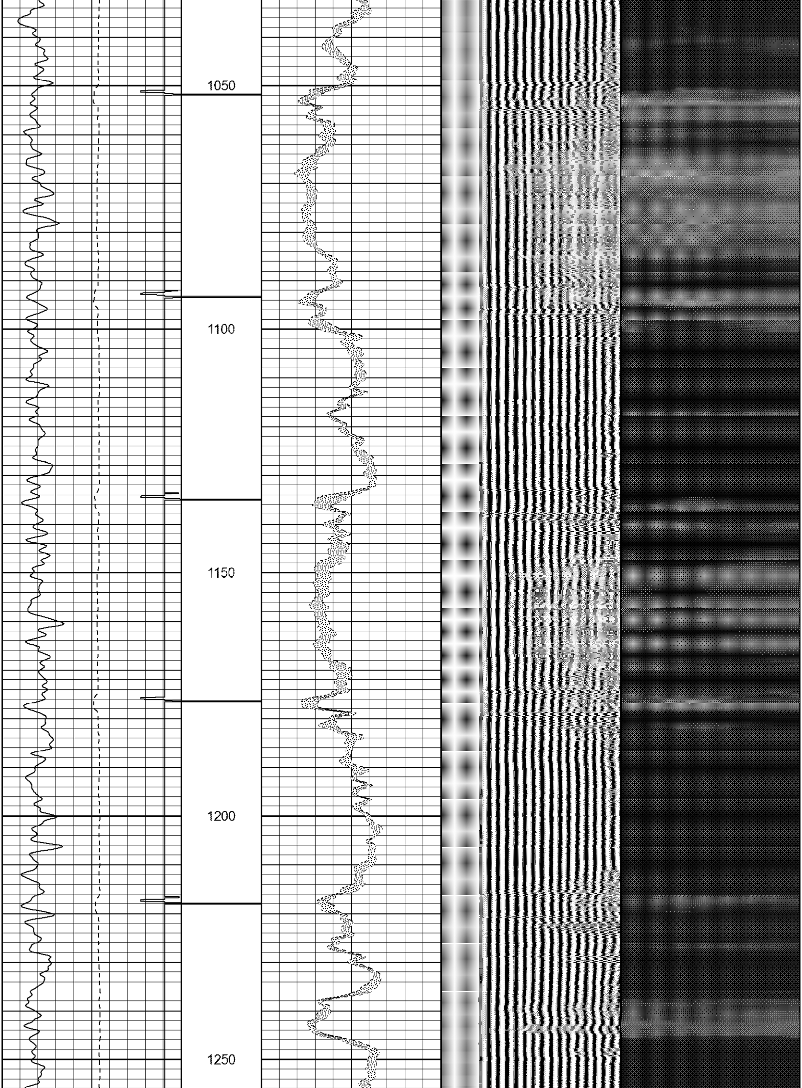


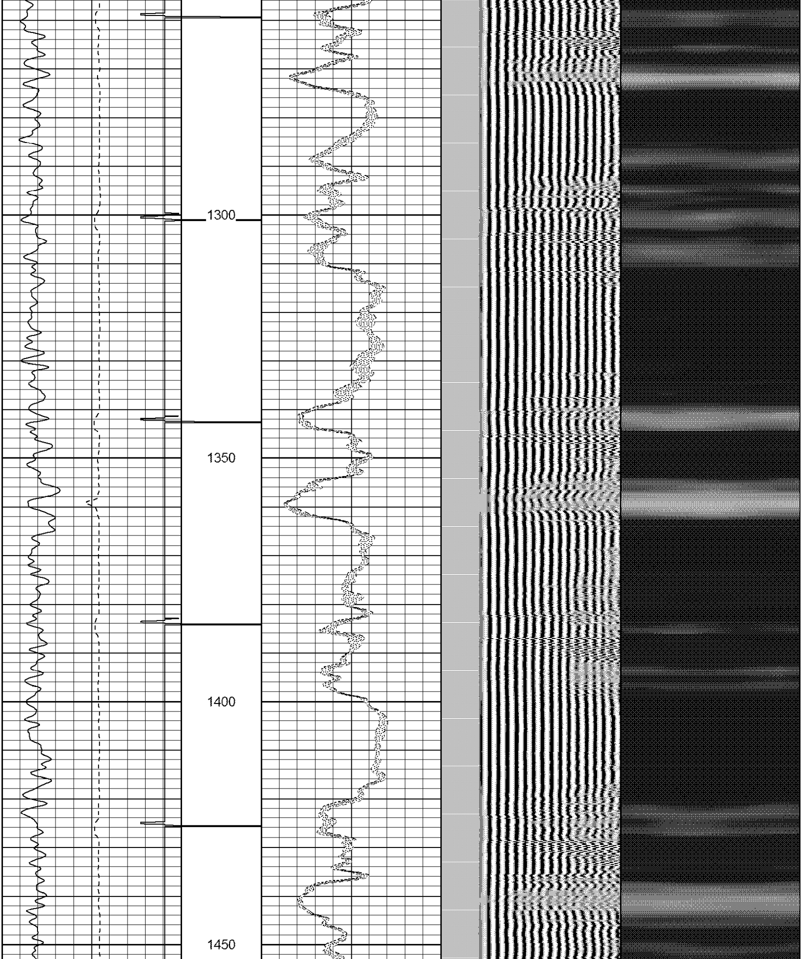


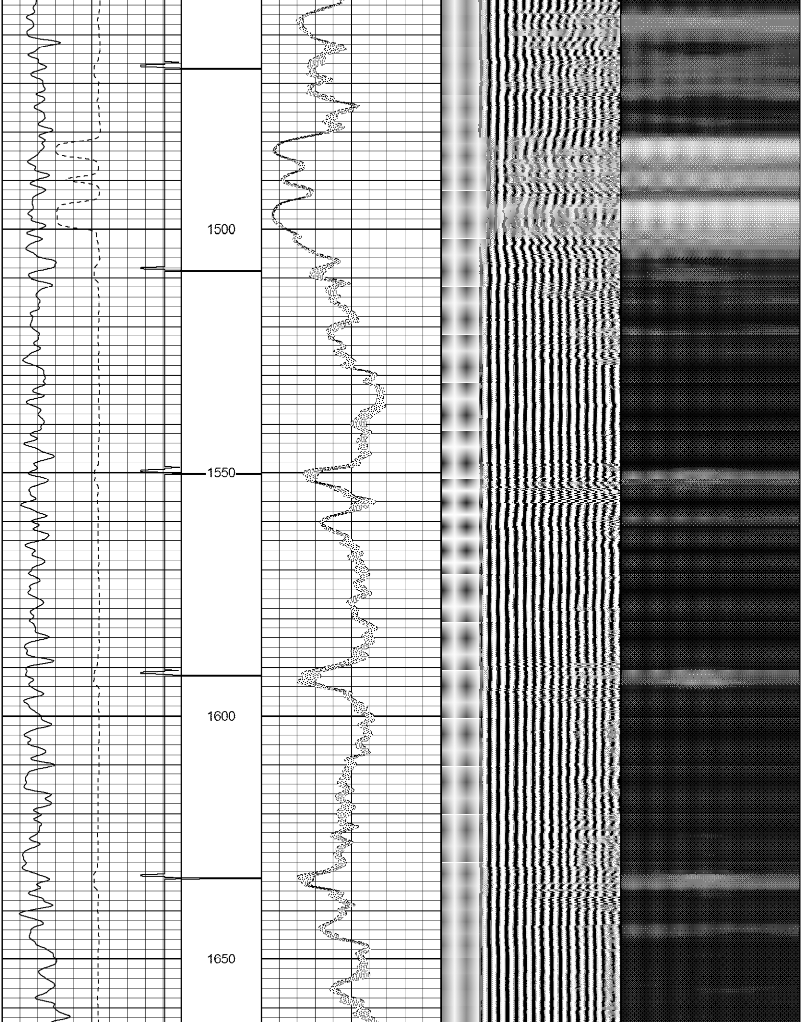


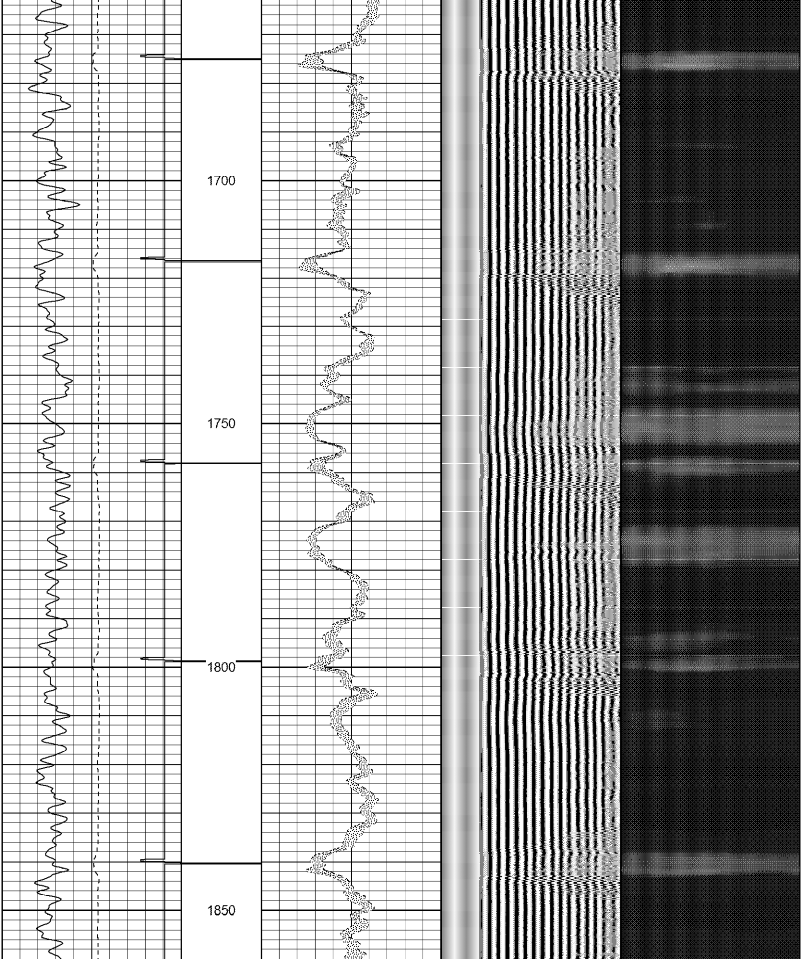


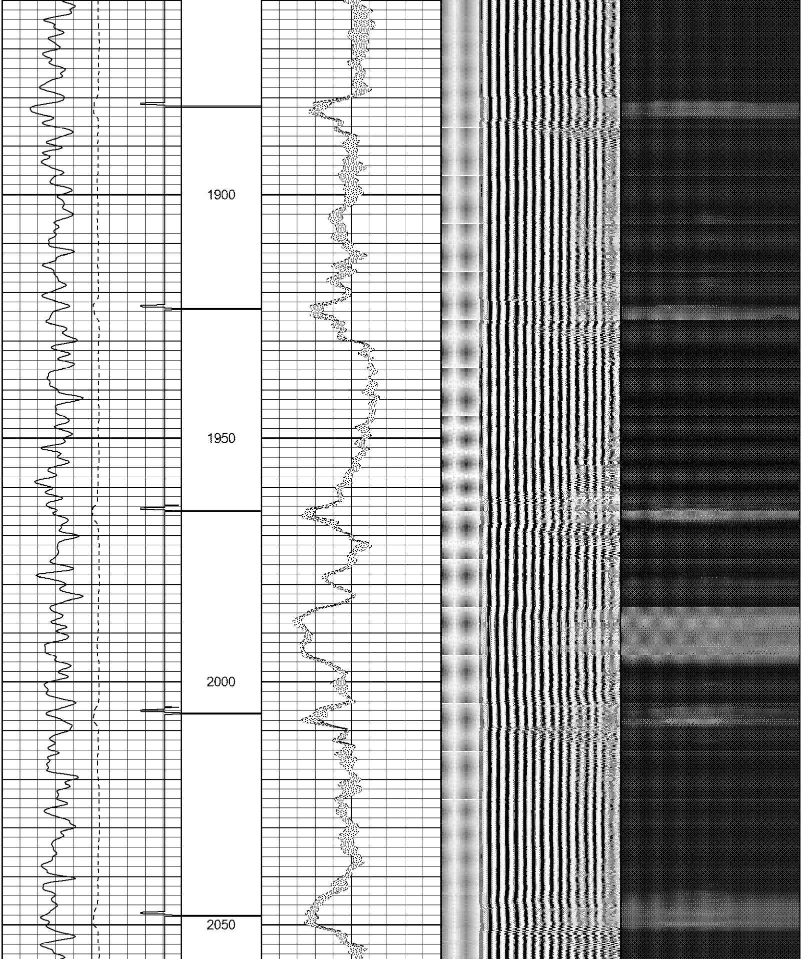


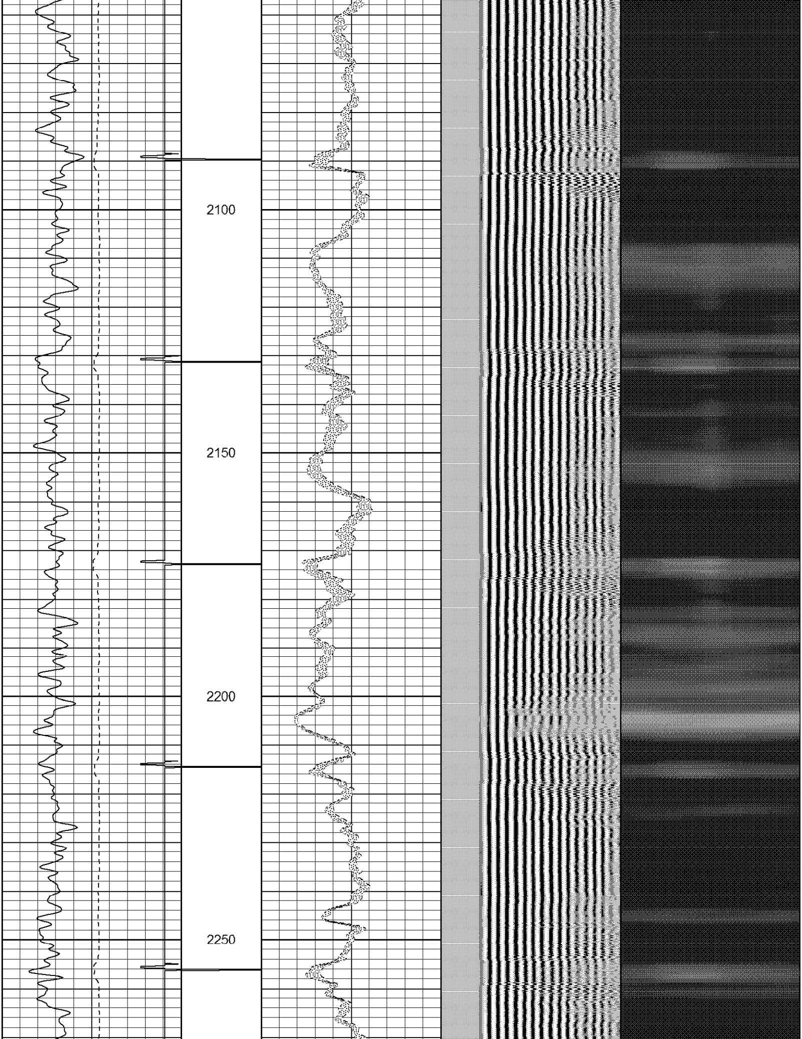


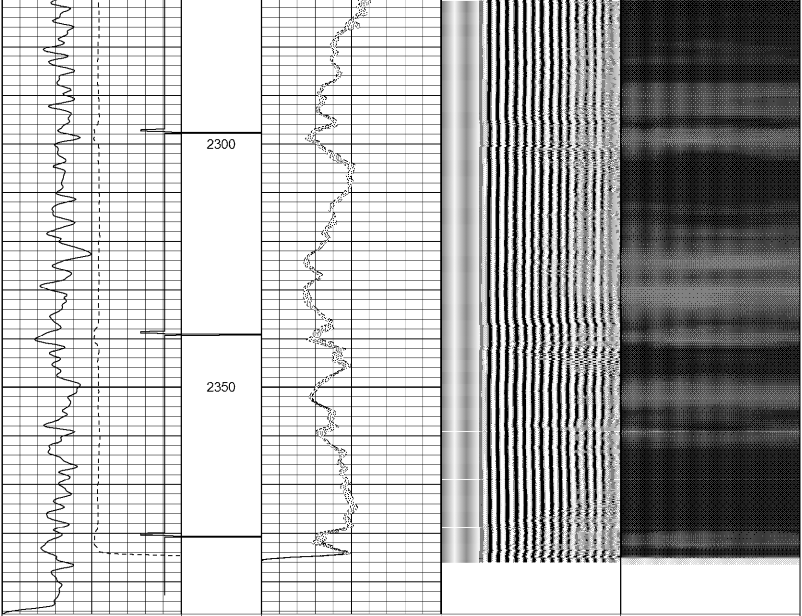












0 GR (GAPI) 200	5 CCL 5.5	0 AMPMAX 100	200 WVF5FT 1200	1 Sector Map 8
400 TT3FT (usec) 200		0 AMPAVG 100		
-50 CCL 5		0 AMPMIN 100		
		0 AMP3FT (mV) 100		

Database File: pdcwf22g302.db
Dataset Pathname: pass3
Presentation Format: sector2
Dataset Creation: Mon Dec 11 08:39:55 2017 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

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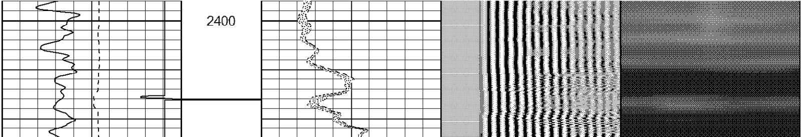
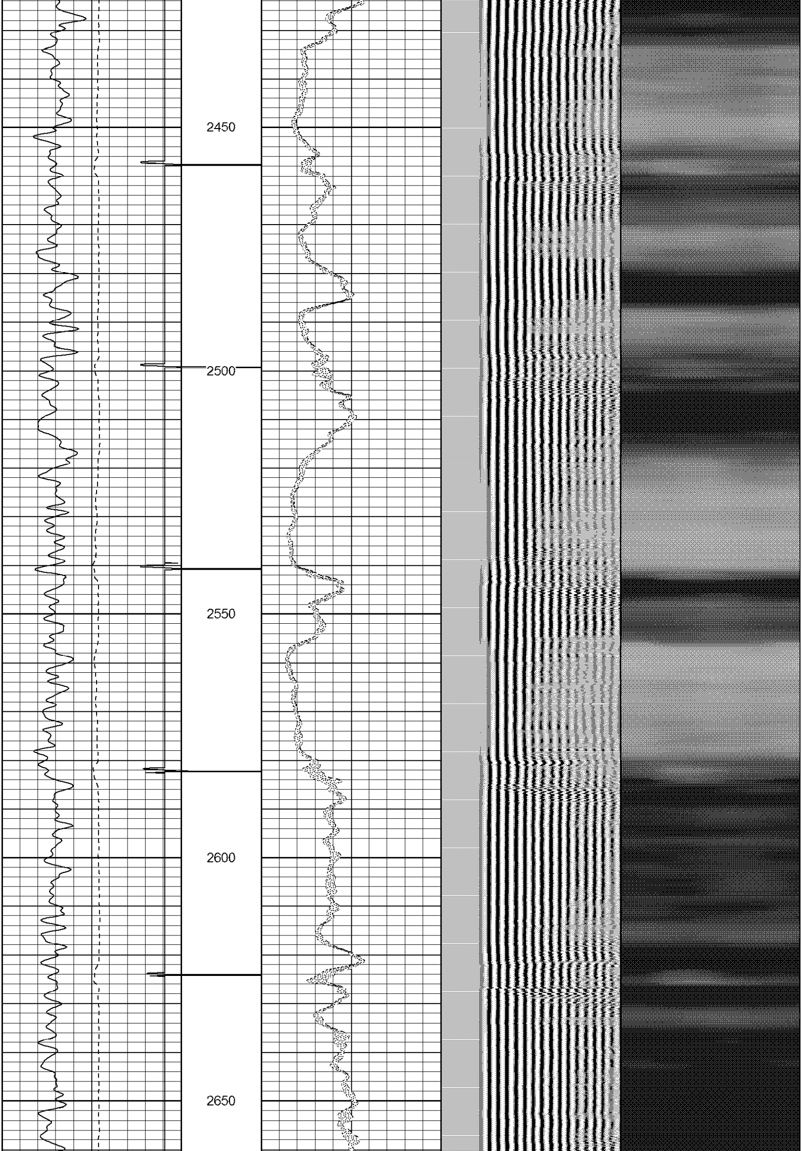
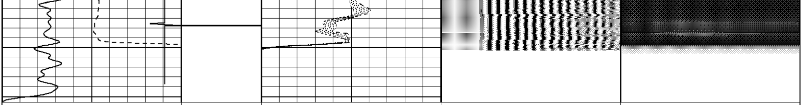
400 TT3FT (usec) 200		0 AMPAVG 100		
-50 CCL 5		0 AMPMIN 100		
		0 AMP3FT (mV) 100		



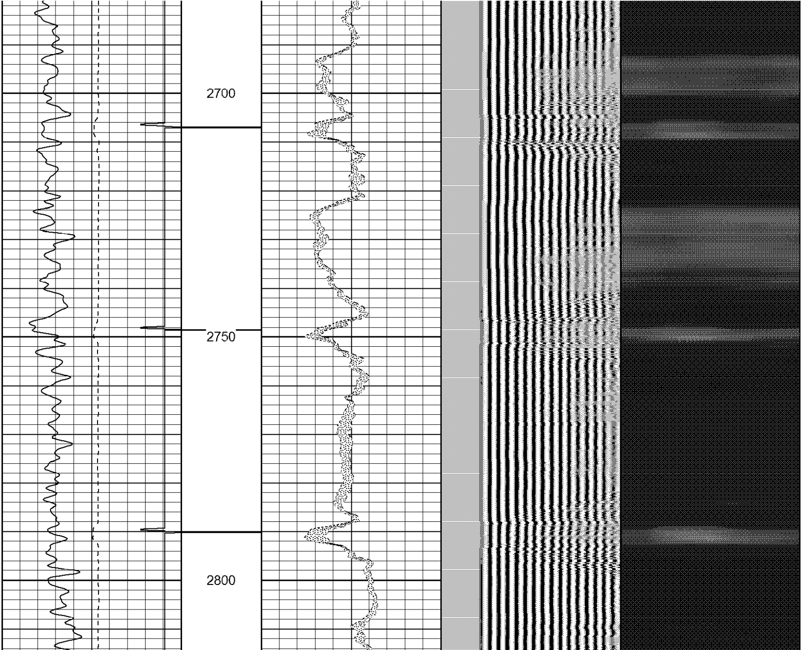


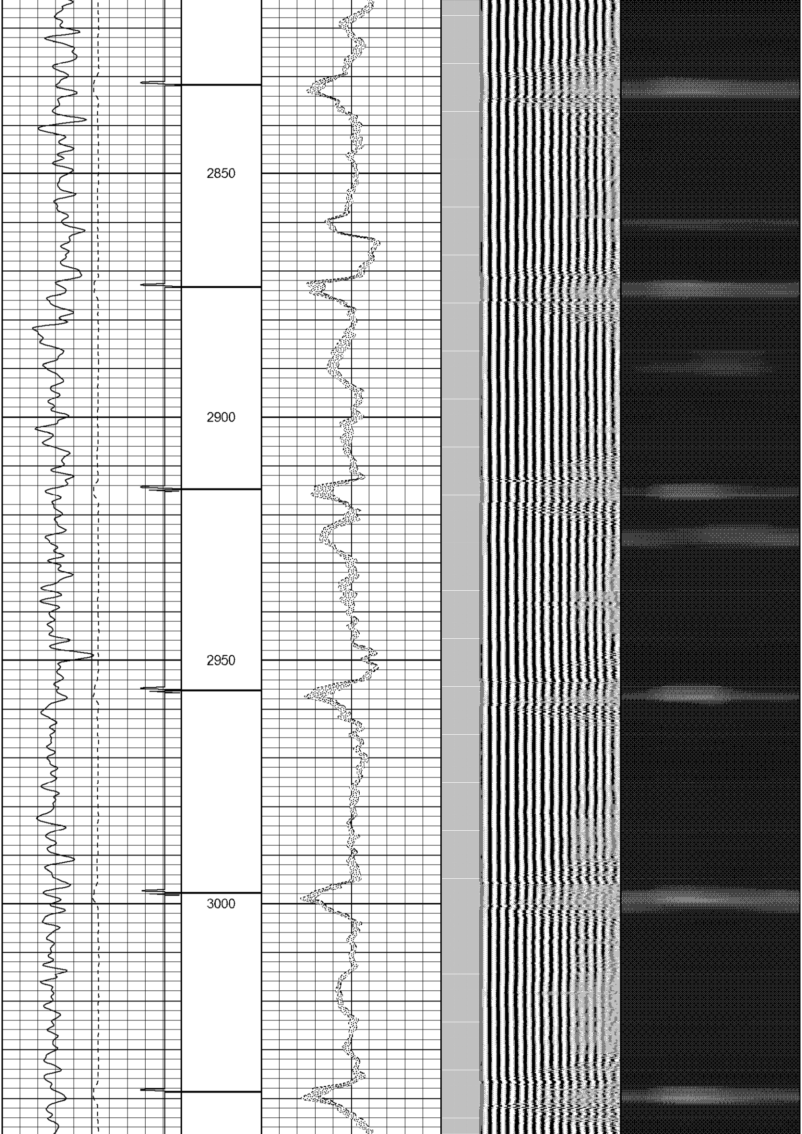


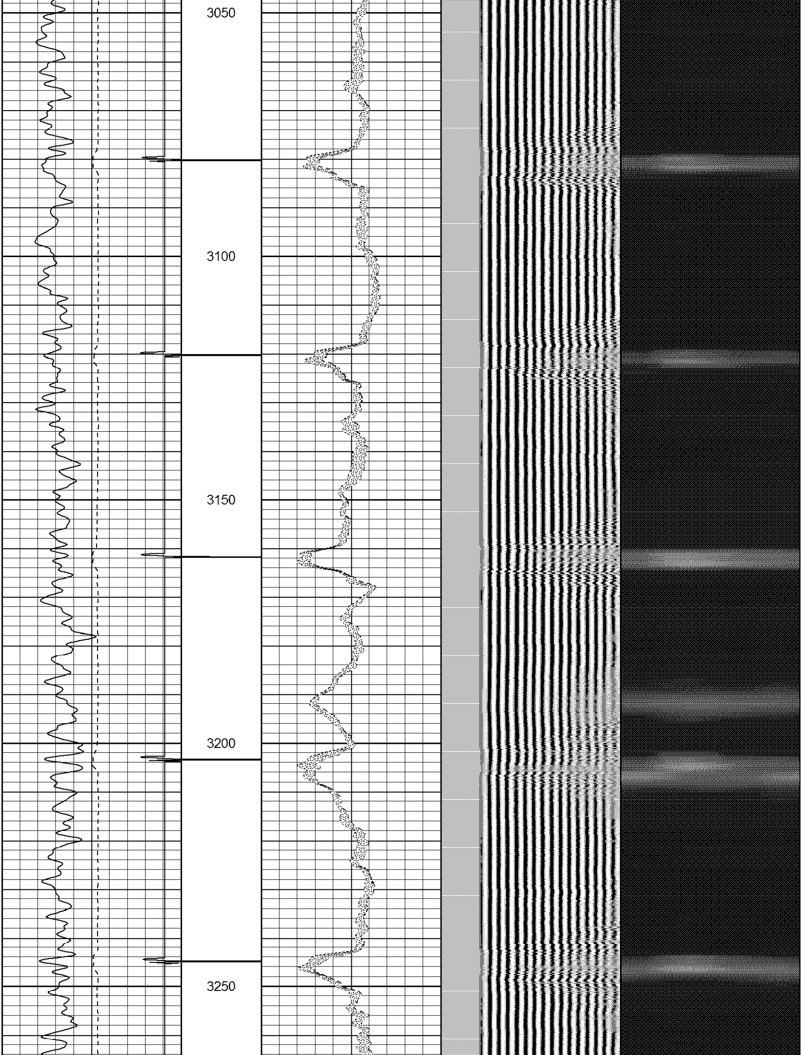
0 GR (GAPI) 200	5 CCL 5.5	0 AMPMAX 100	200 WVF5FT 1200	1 Sector Map 8
400 TT3FT (usec) 200		0 AMPAVG 100		
-50 CCL 5		0 AMPMIN 100		
		0 AMP3FT (mV) 100		

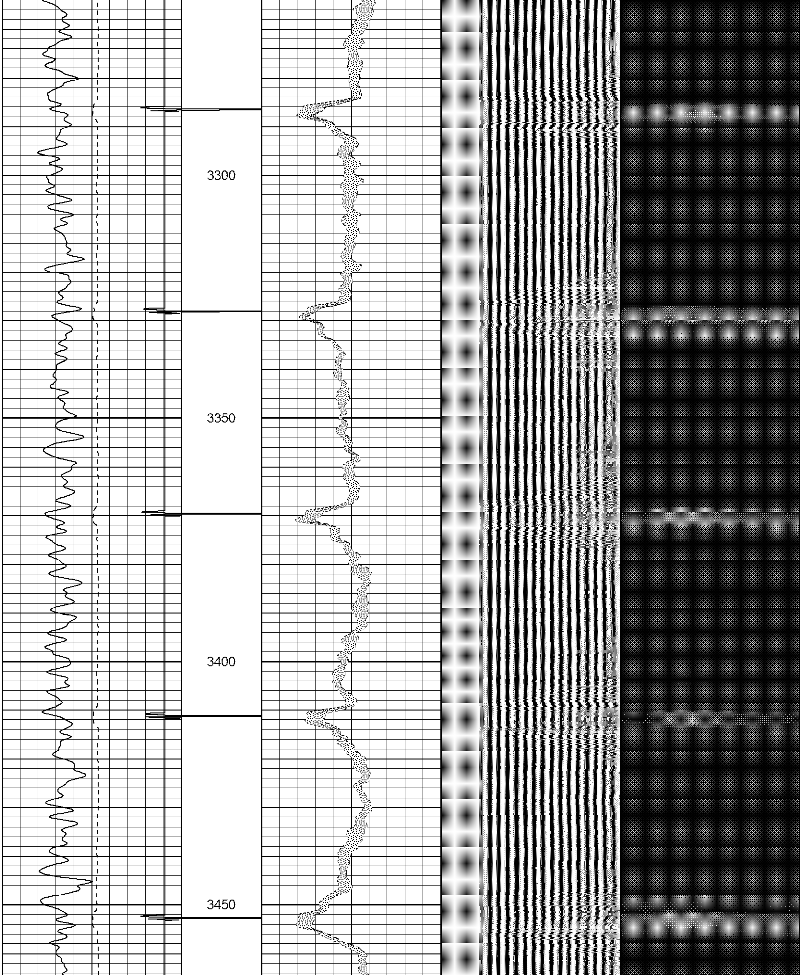
Database File: pdcwf22g302.db
Dataset Pathname: pass2
Presentation Format: sector2
Dataset Creation: Mon Dec 11 08:27:03 2017 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

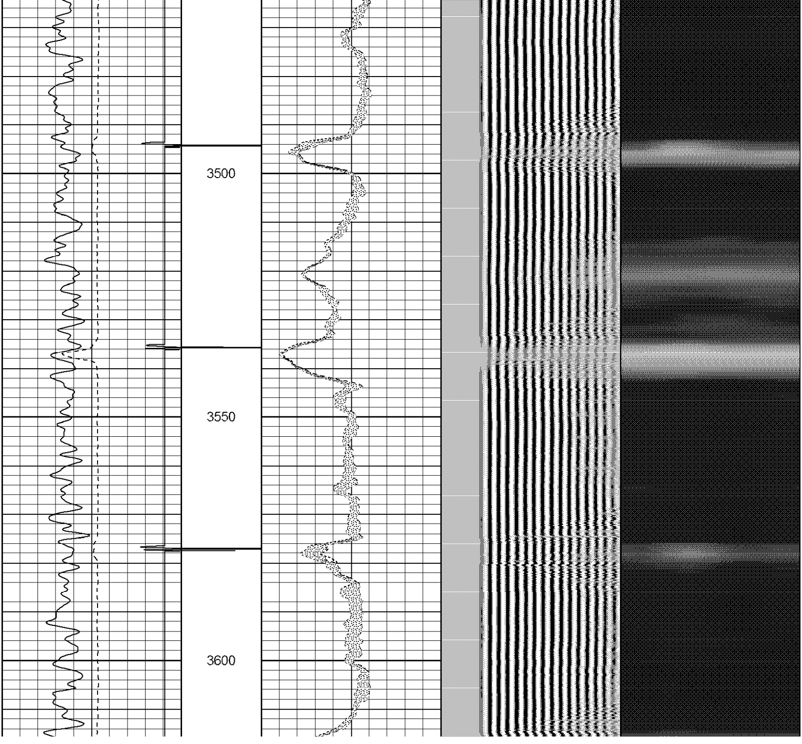
0 GR (GAPI) 200	5 CCL 5.5	0 AMPMAX 100	200 WVF5FT 1200	1 Sector Map 8
400 TT3FT (usec) 200		0 AMPAVG 100		
-50 CCL 5		0 AMPMIN 100		
		0 AMP3FT (mV) 100		

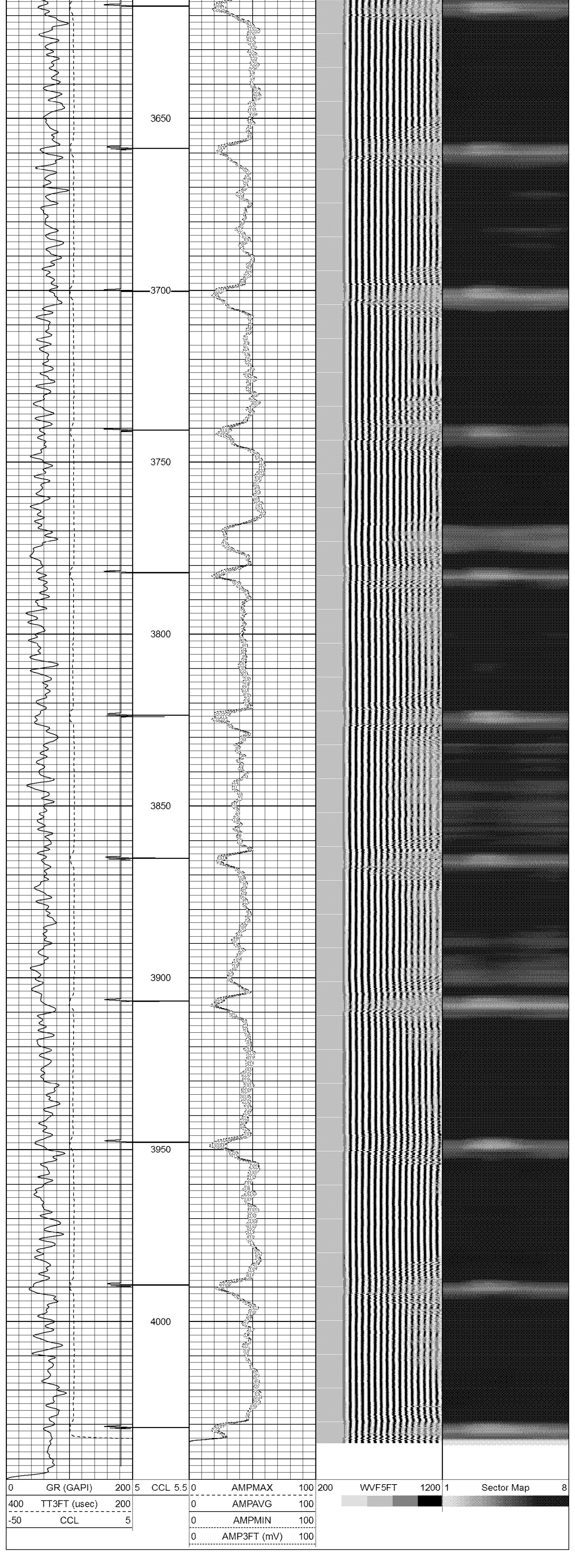












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Charted by: Depth in Feet scaled 1:240