Company	PDC Energy
Well	Spaur 10i - 201
Field	Wattenberg
County	Weld
State	CO

Casedhole Solutions

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

Company PDC Energy
Well Spaur 10i - 201
Field Wattenberg
County Weld State CO

Location: API #: 05-123-42324
255' FSL & 1583' FWL
SE / SW
SEC 10 TWP 4N RGE 67W

Other Services

Permanent Datum	GL	Elevation	4839'	Elevation
Log Measured From	GL			K.B.
Drilling Measured From	KB			D.F.
				G.L. 4839'

Date	May 6, 2016
Run Number	1
Depth Driller	11,639'
Depth Logger	7200'
Bottom Logged Interval	7200'-0'
Top Log Interval	
Casing Size	
Casing Fluid	
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	WCRs19+46,E3/10,N100yds,Winto
Recorded By	Meisner
Witnessed By	Gardelia

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.

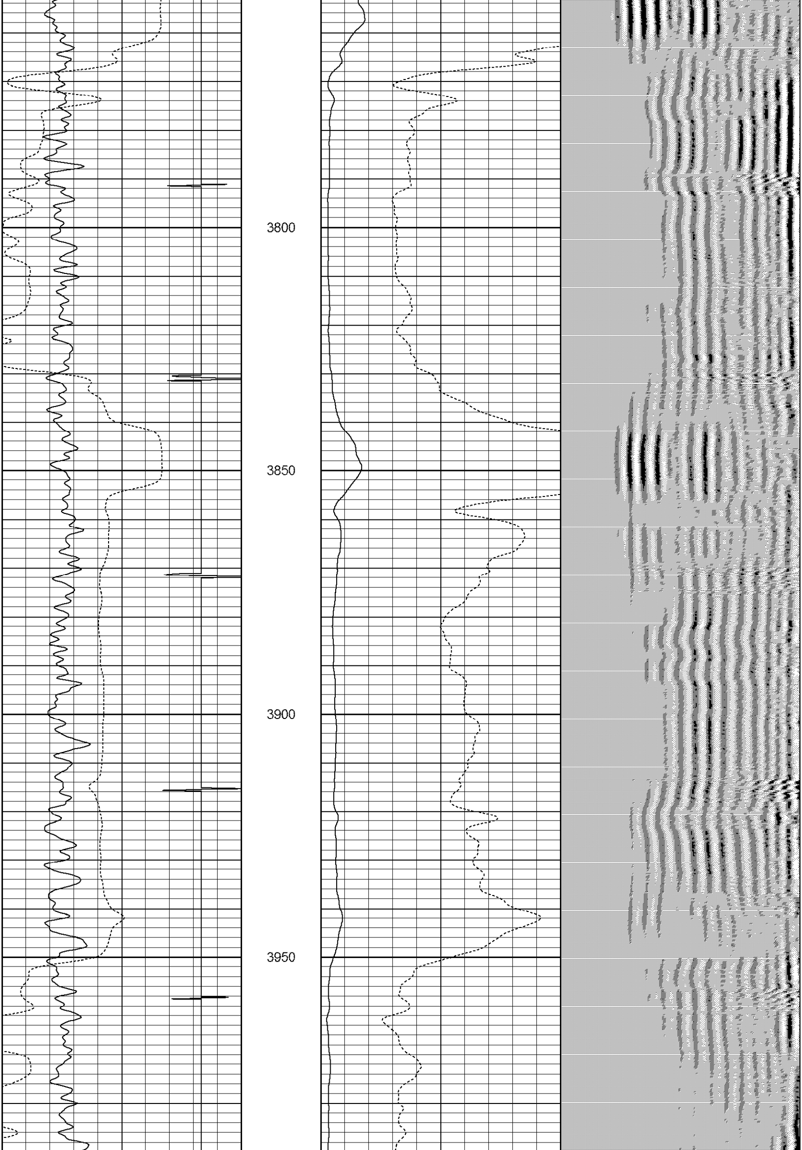
Comments

Spaur West Pad

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

X = Spaur 10i - 201

Database File:	pdcs10i201.db
Dataset Pathname:	pass1
Presentation Format:	noble en
Dataset Creation:	Fri May 06 08:48:38 2016 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240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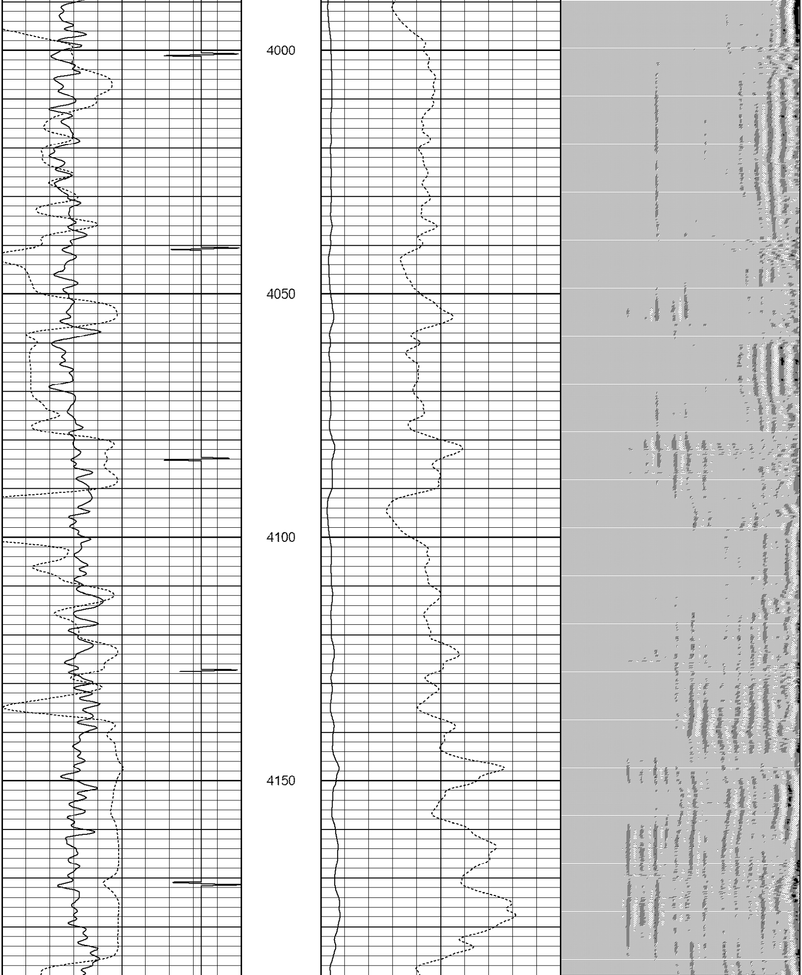
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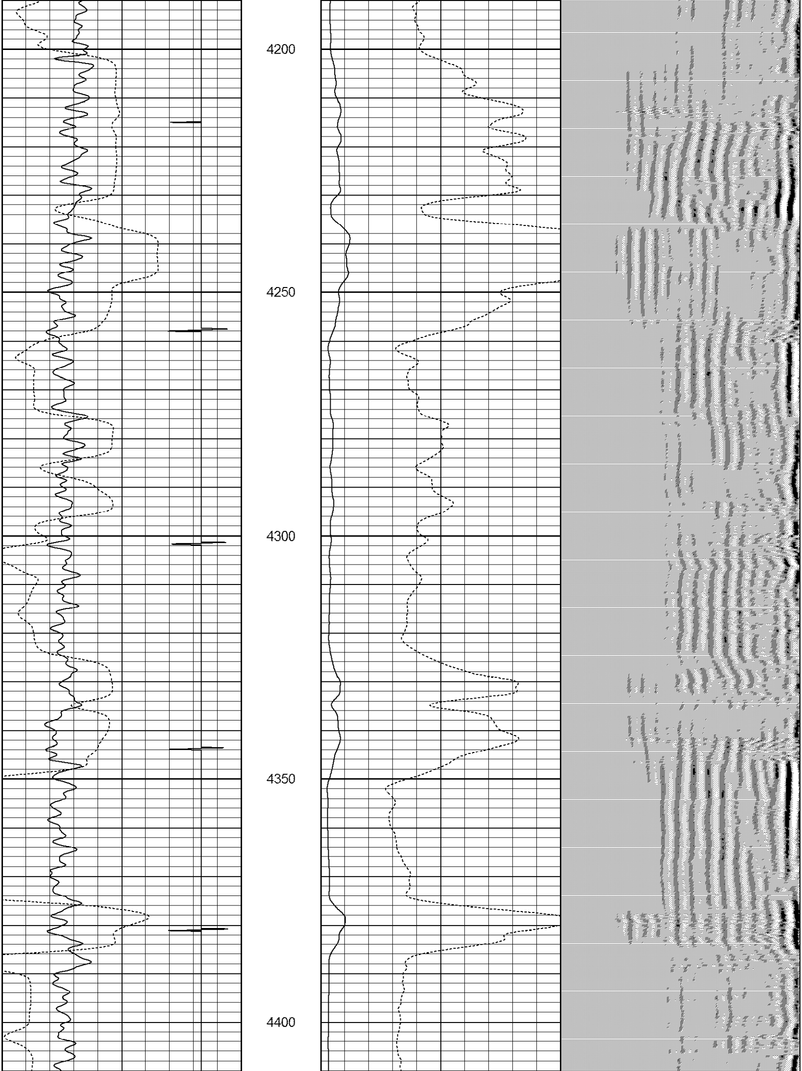
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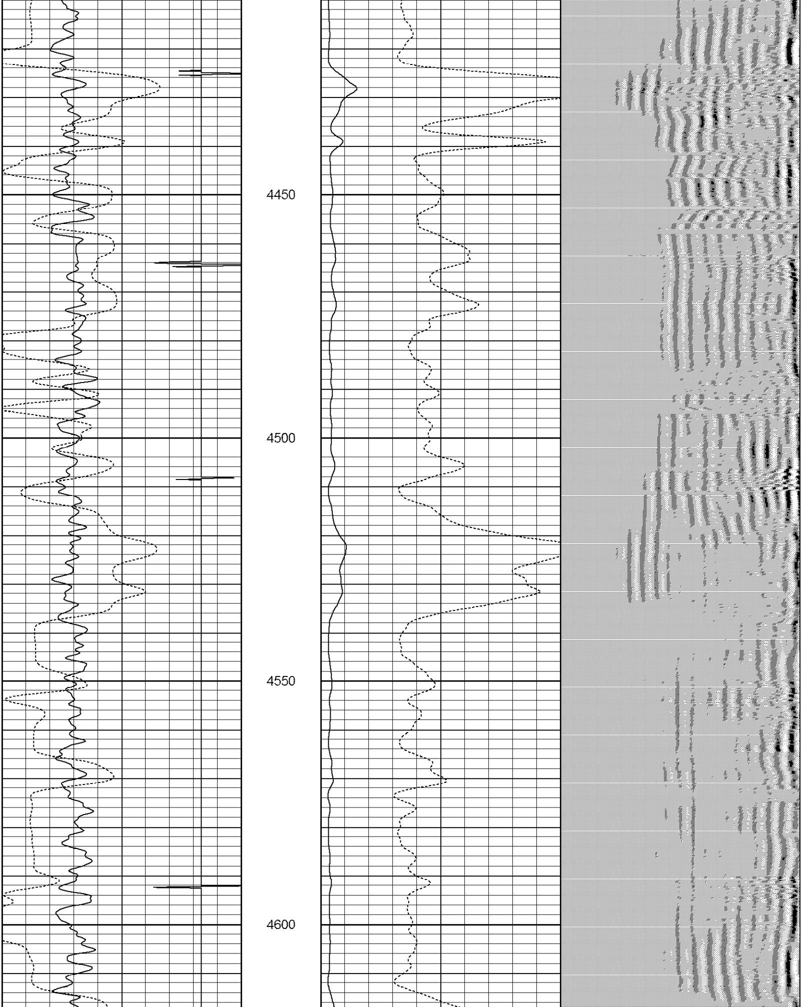
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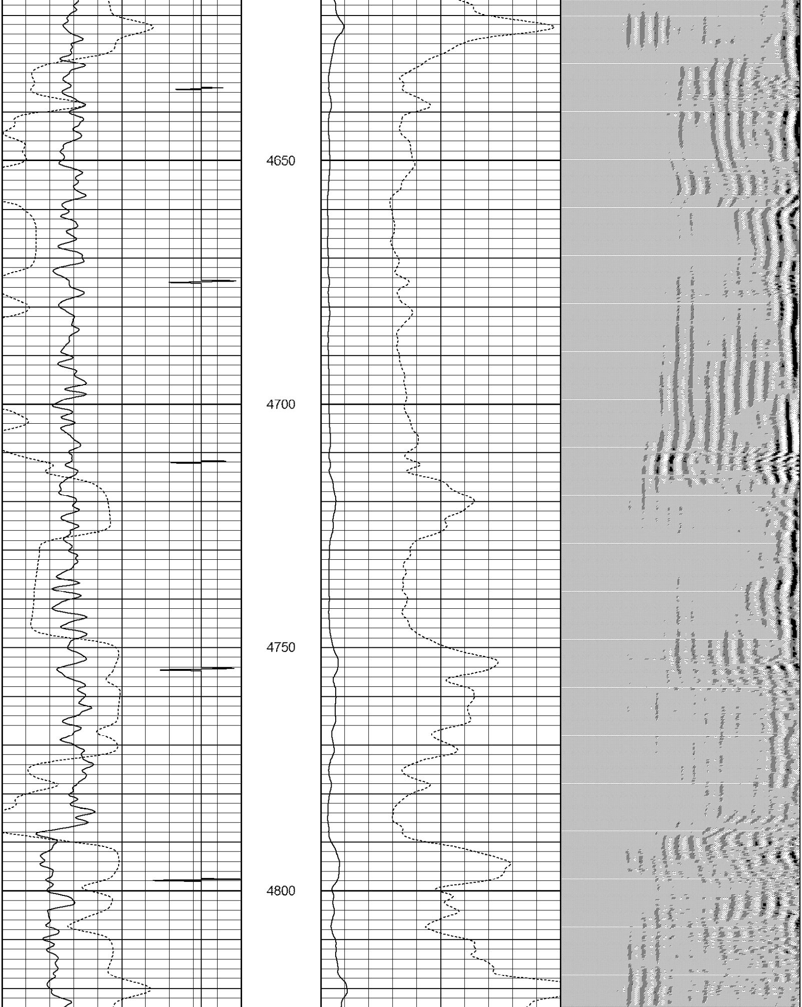
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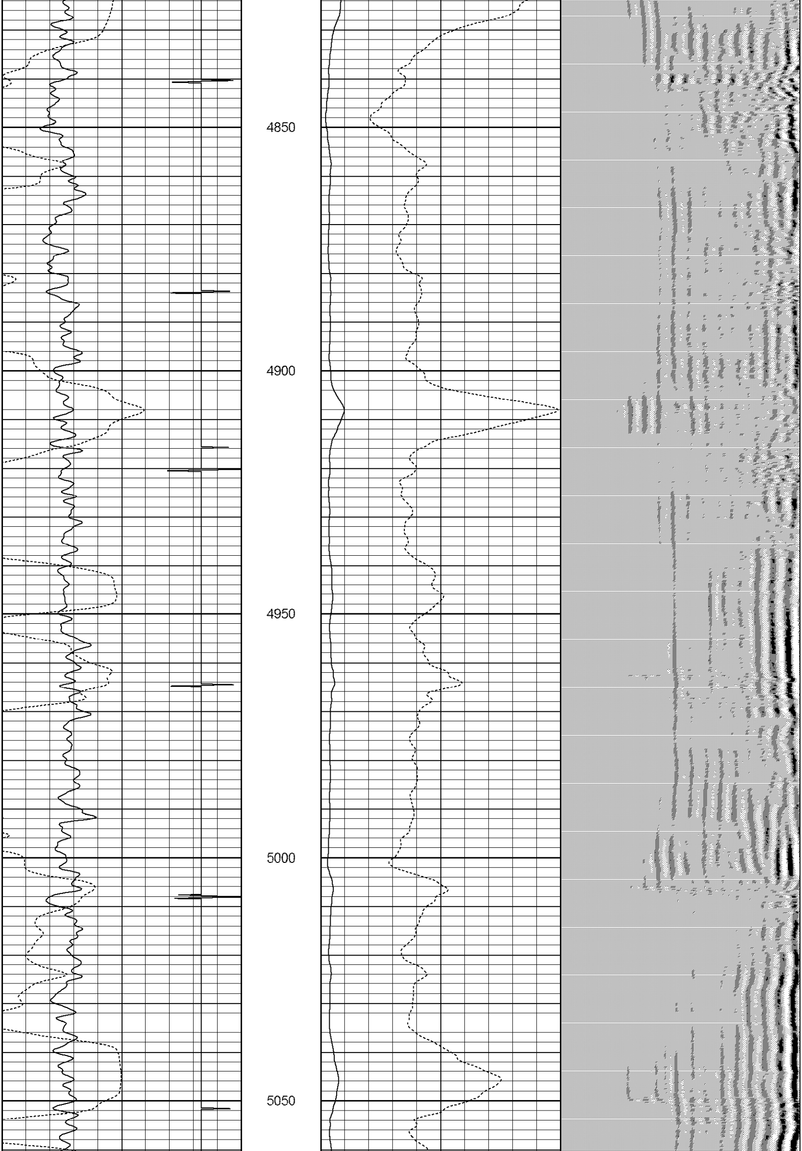
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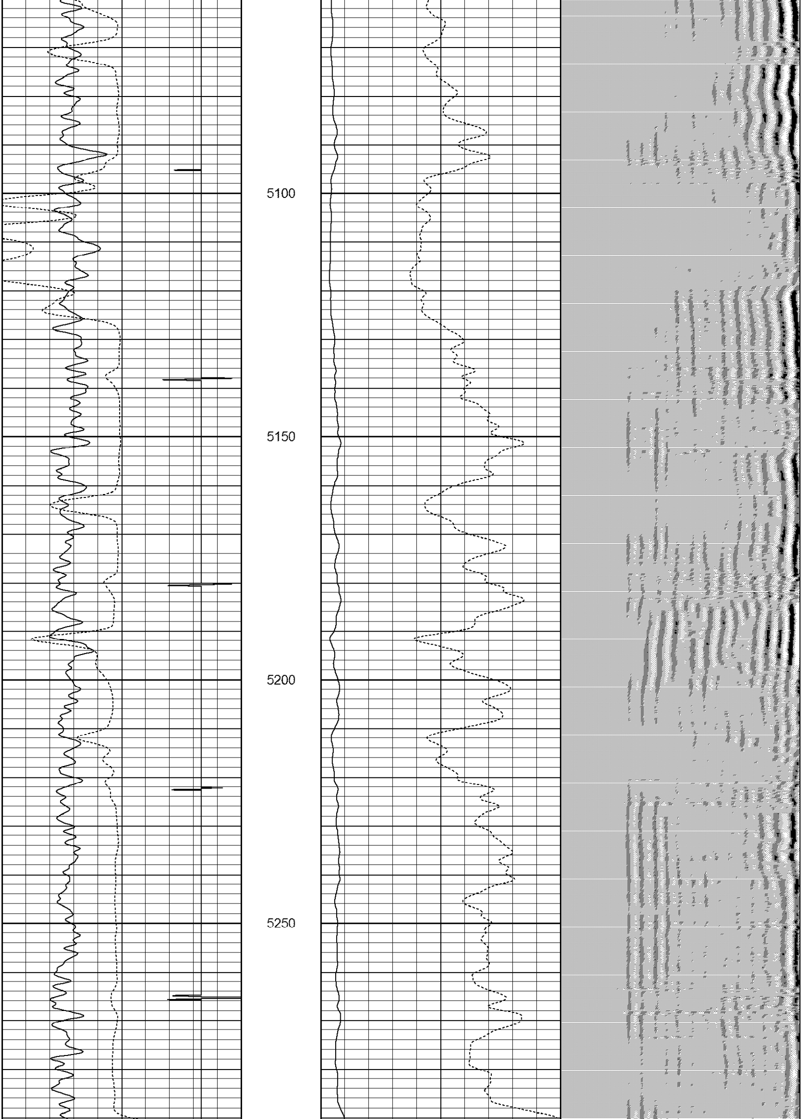
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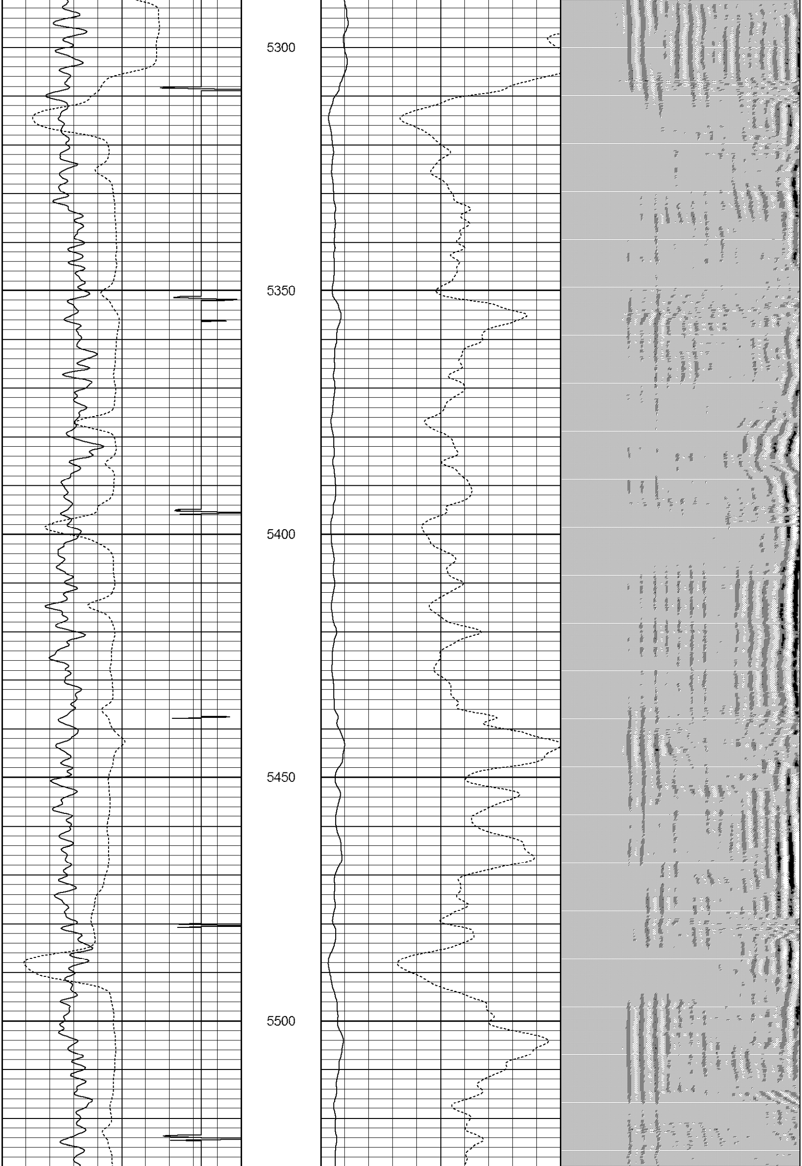
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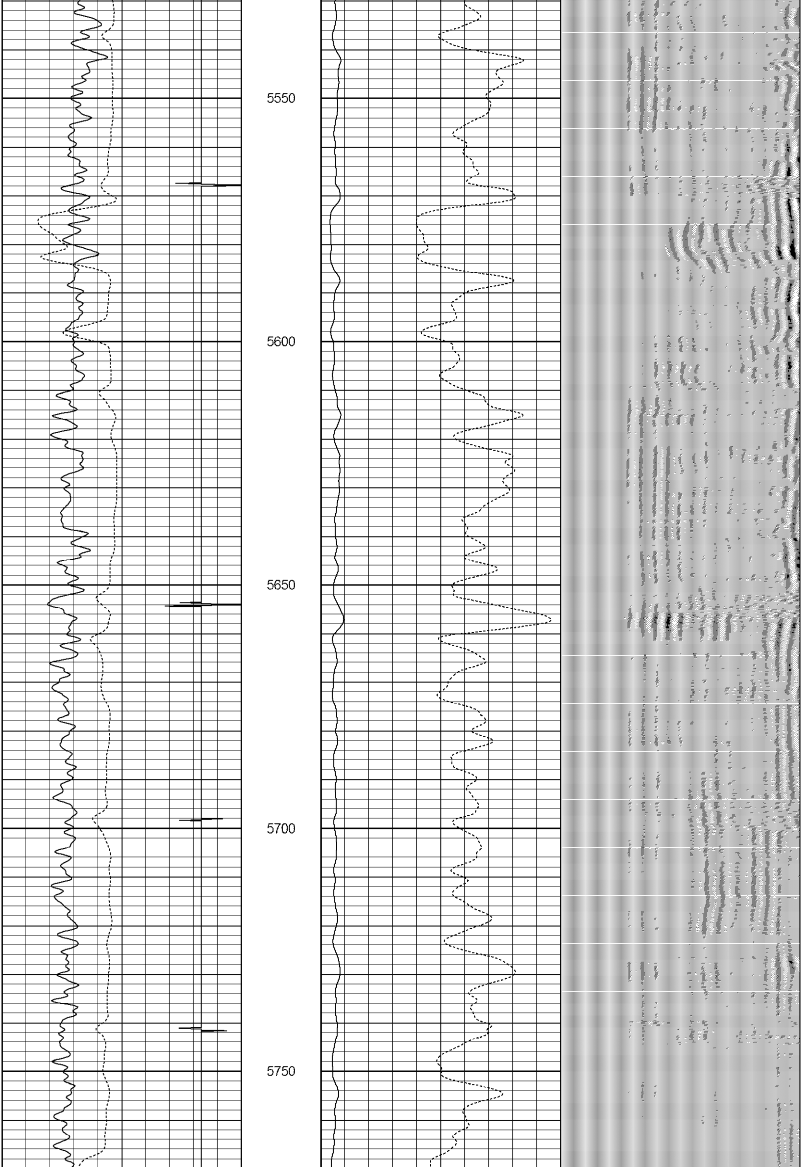
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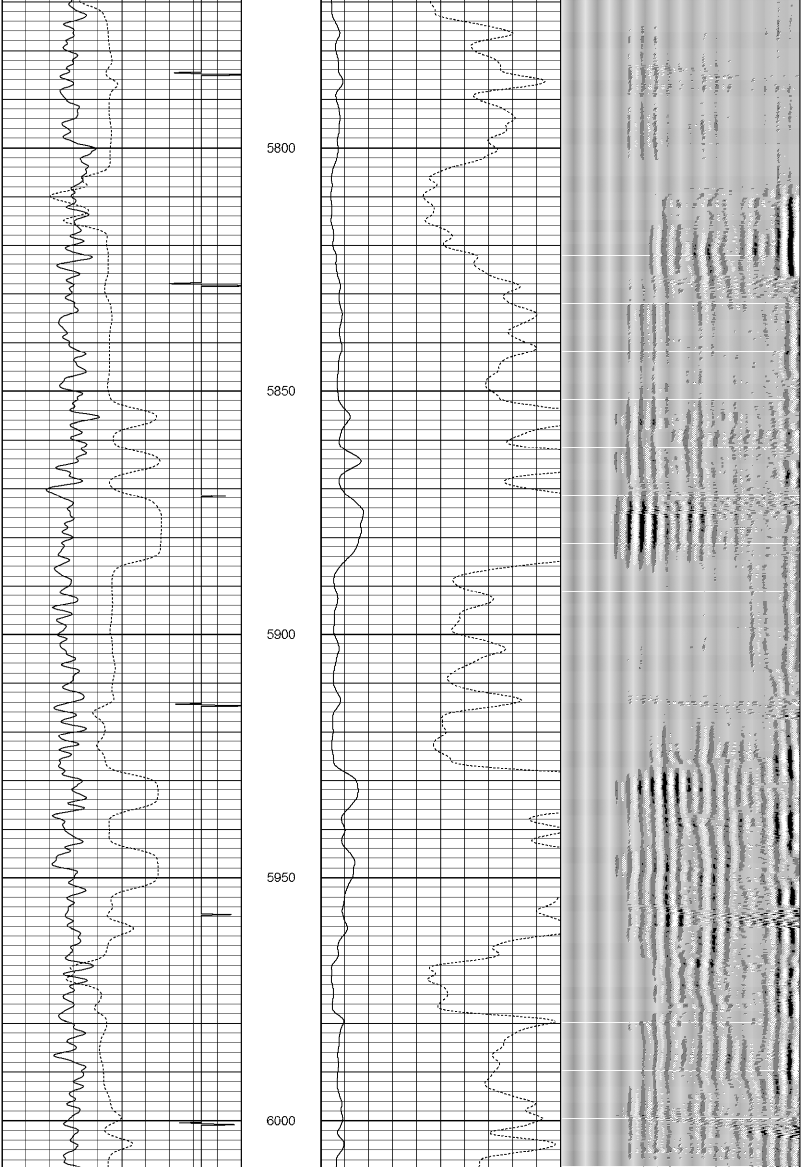
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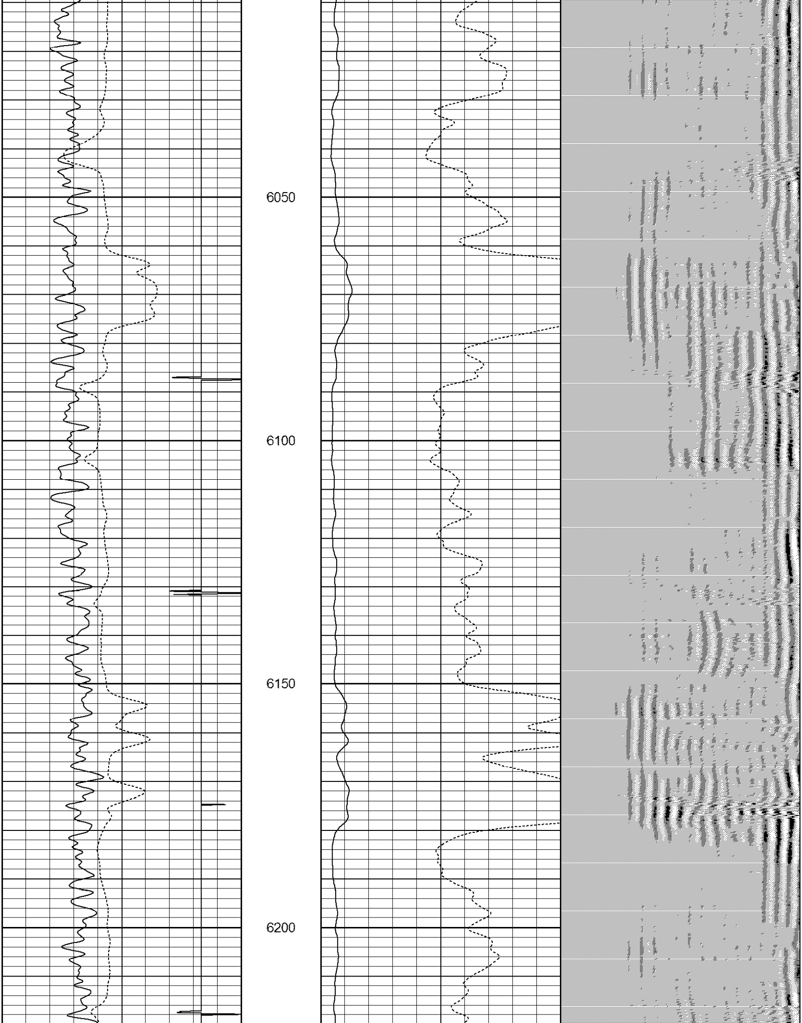
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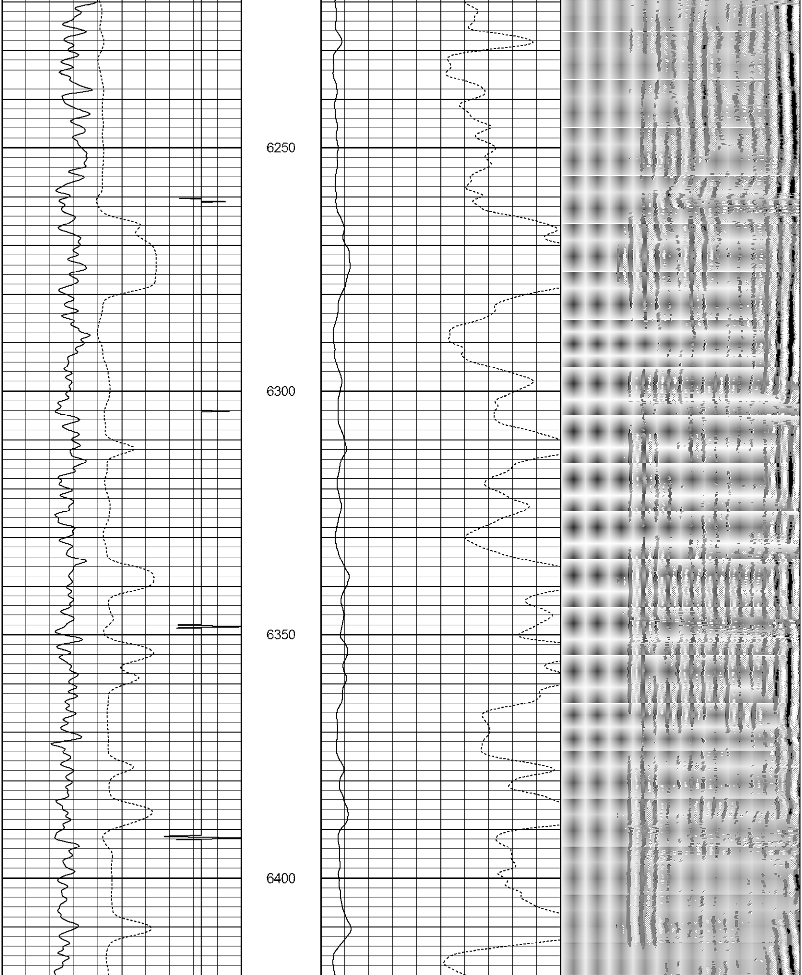
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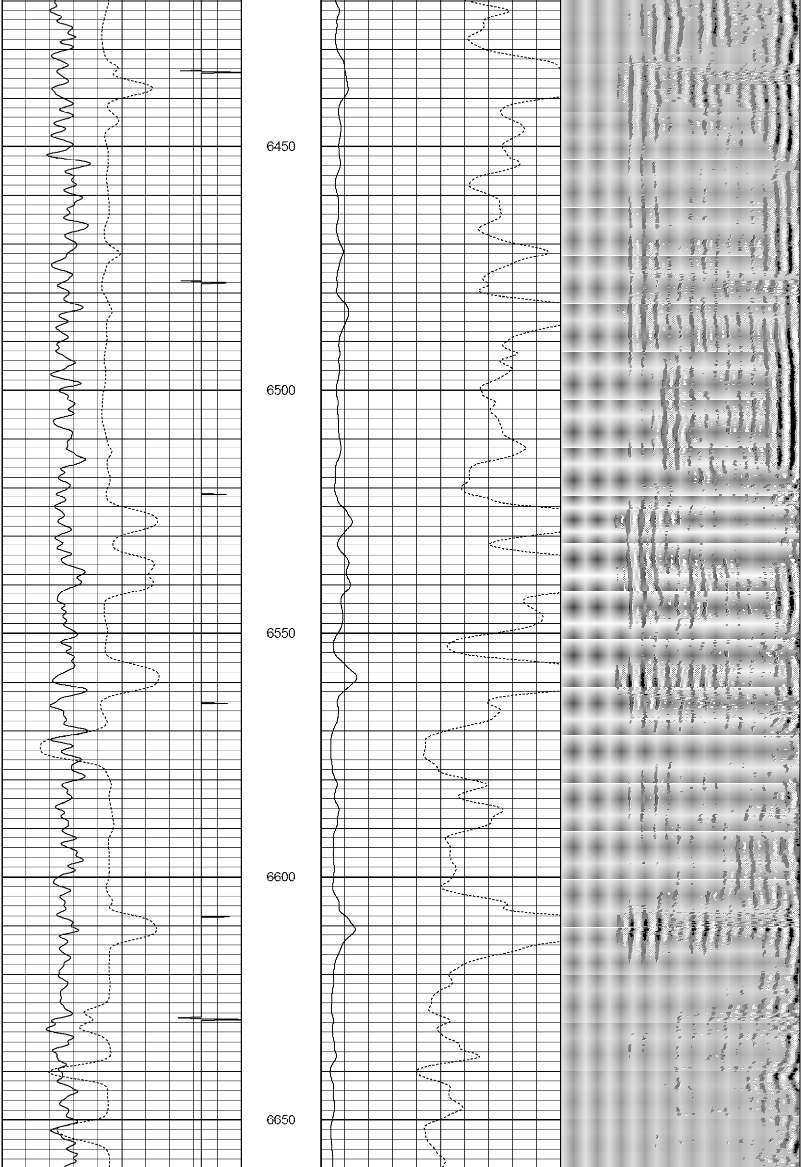
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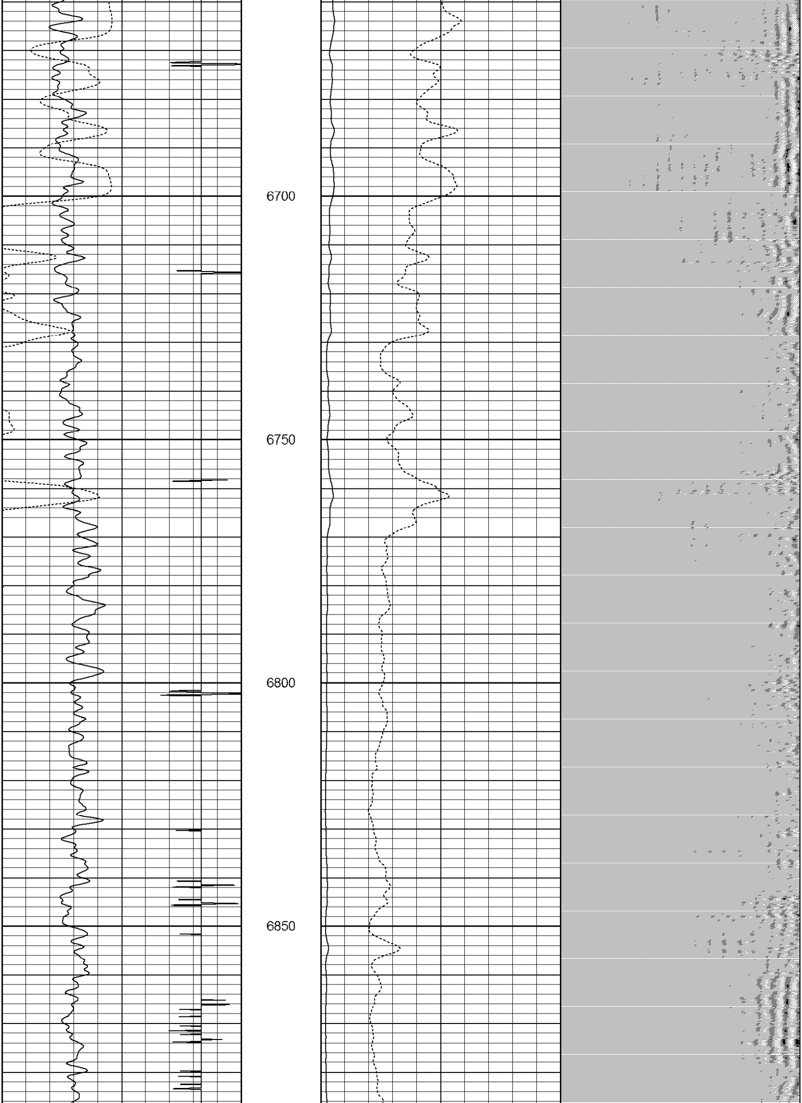
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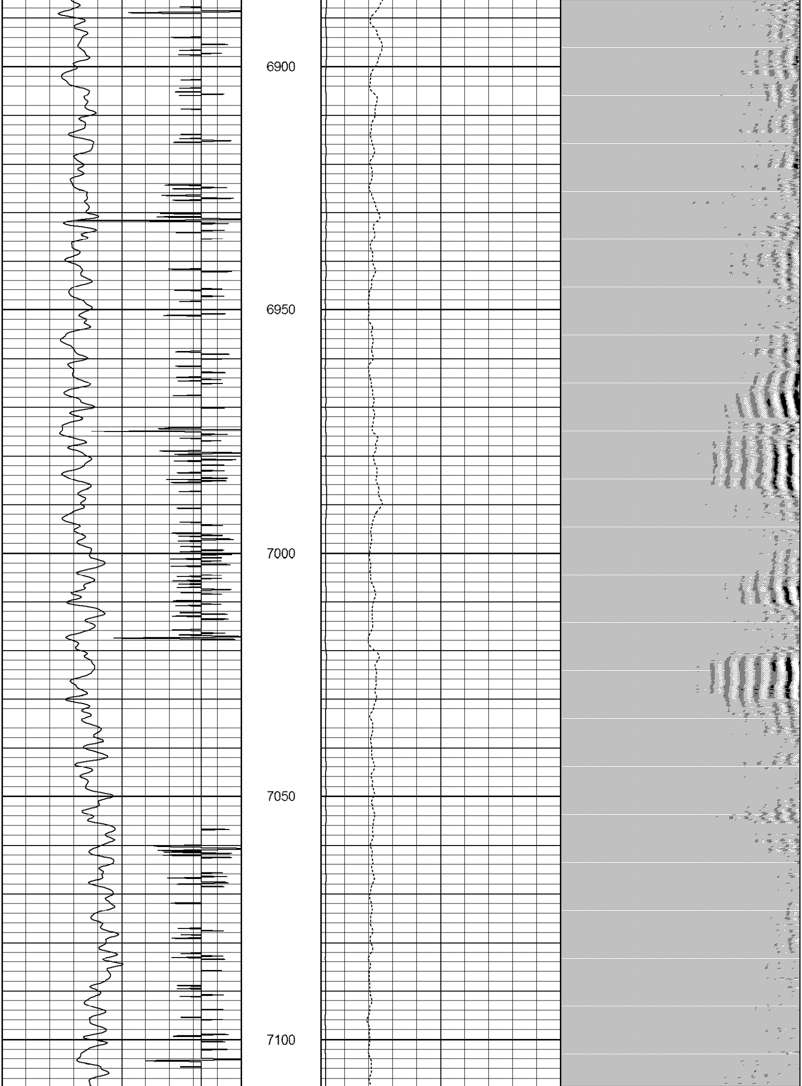
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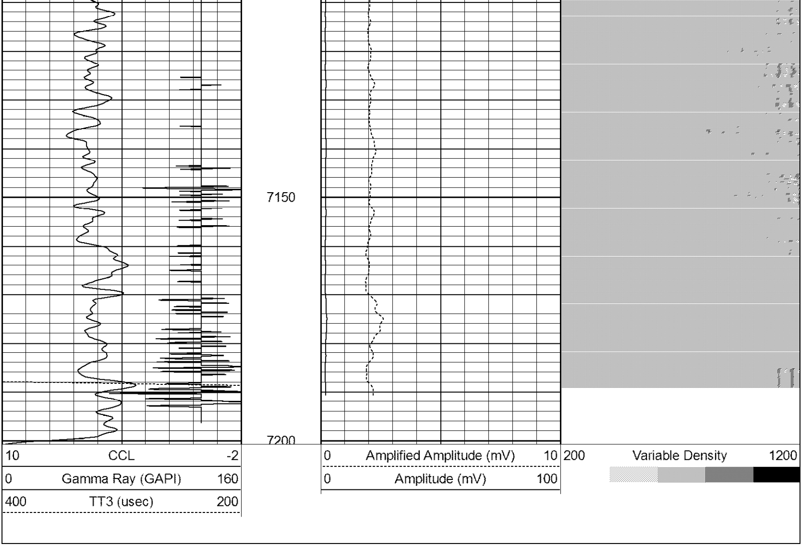

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7200
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400 TT3 (usec) 200
0 Amplified Amplitude (mV) 10
0 Amplitude (mV) 100
200 Variable Density 1200