Company	Petroleum Developement Corporation
Well	Guttersen 31Q-221
Field	Wattenberg
County	Weld
State	Colorado
Country	USA

NABORS
COMPLETION & PRODUCTION SERVICES CO.

Gamma Ray, Cement Bond, Variable Density, CCL

Company	Petroleum Developement Corporation
Well	Guttersen 31Q-221
Field	Wattenberg
County	Weld
State	Colorado
Country	USA

API # : 05-123-38270

Location:
75' FSL & 2149' FEL
SW / SE

SEC 31 TWP 3N RGE 63W

Other Services

			Elevation
Permanent Datum	Ground Level	Elevation 4823'	K.B.
Log Measured From	Kelly Bushing		D.F.
Drilling Measured From	Kelly Bushing		G.L. 4823'

Date	September 4, 2014
Run Number	1
Depth Driller	11,057'
Depth Logger	6900'
Bottom Logged Interval	6900'-0'
Top Log Interval	
Open Hole Size	
Type Fluid	water
Density / Viscosity	
Max. Recorded Temp.	n/a
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	3312 2-3/4" TeKco
Location	WCRs20+59,N1mi,NE1mi,N1mi,NE4/10,SE2/10,Sinto
Recorded By	Jake Meisner
Witnessed By	Dom 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	7"			
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

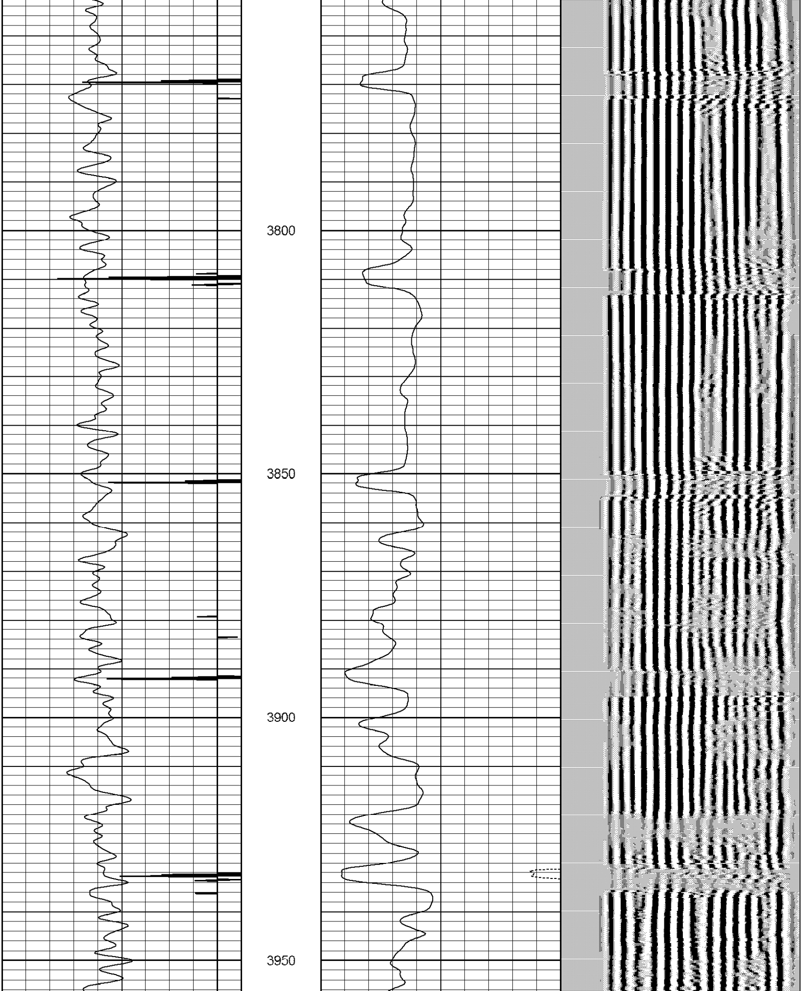
Thank you for choosing Nabors

NORTH PAD

<WEST> O X O O <EAST>

X = Guttersen 31Q-221

Database File:	pdcg31q221.db
Dataset Pathname:	pass1
Presentation Format:	scbl_dr
Dataset Creation:	Thu Sep 04 09:11:49 2014 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240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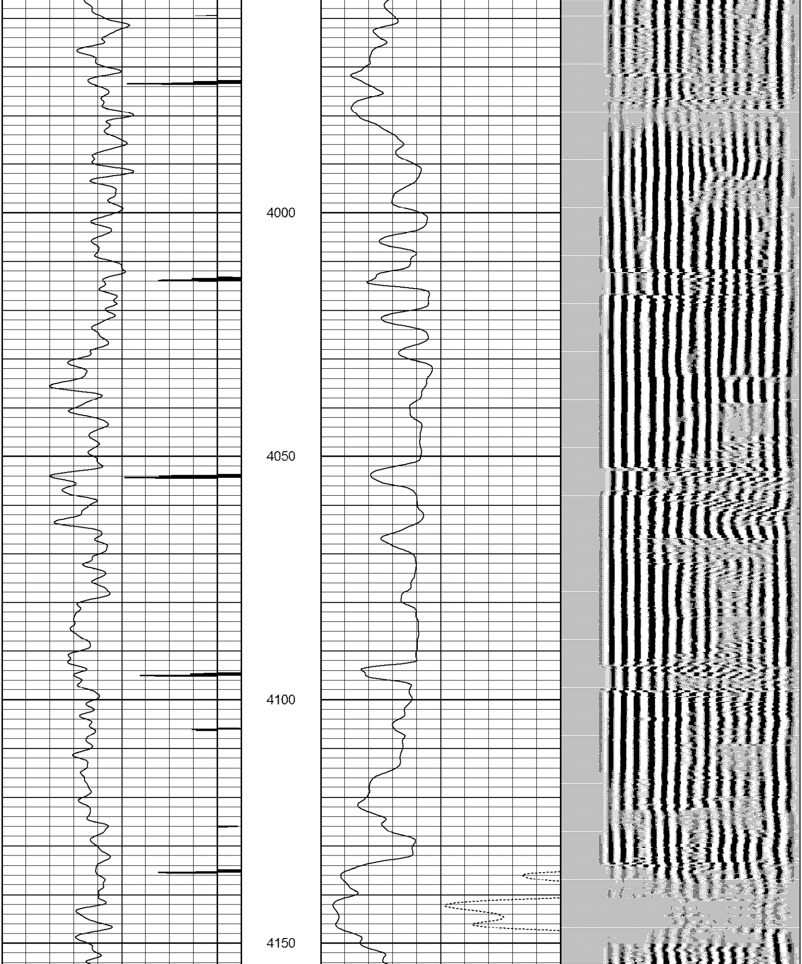
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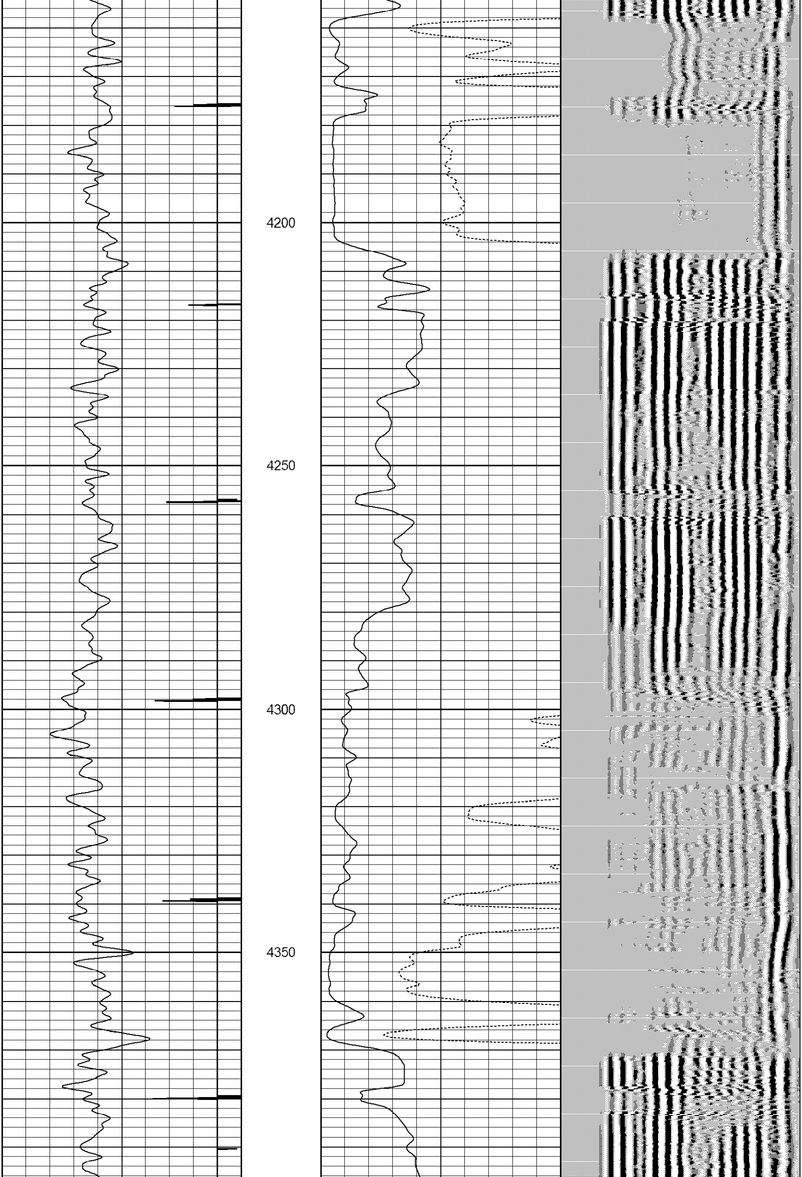
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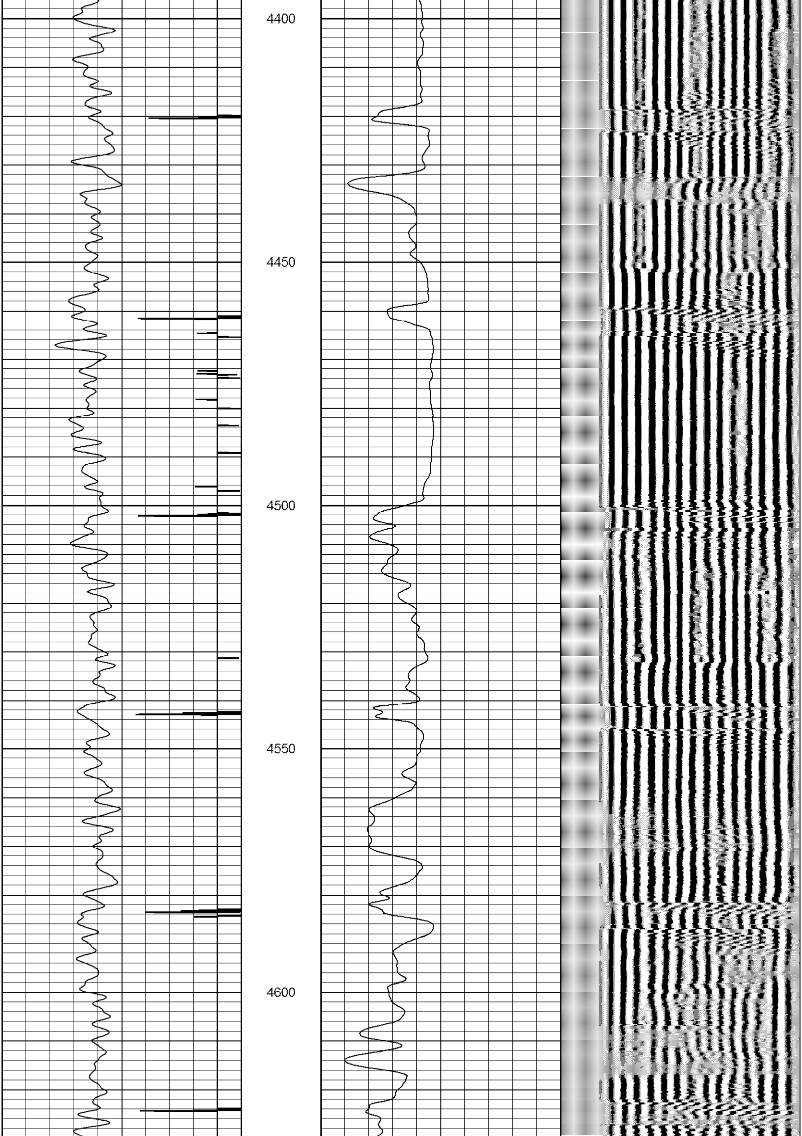
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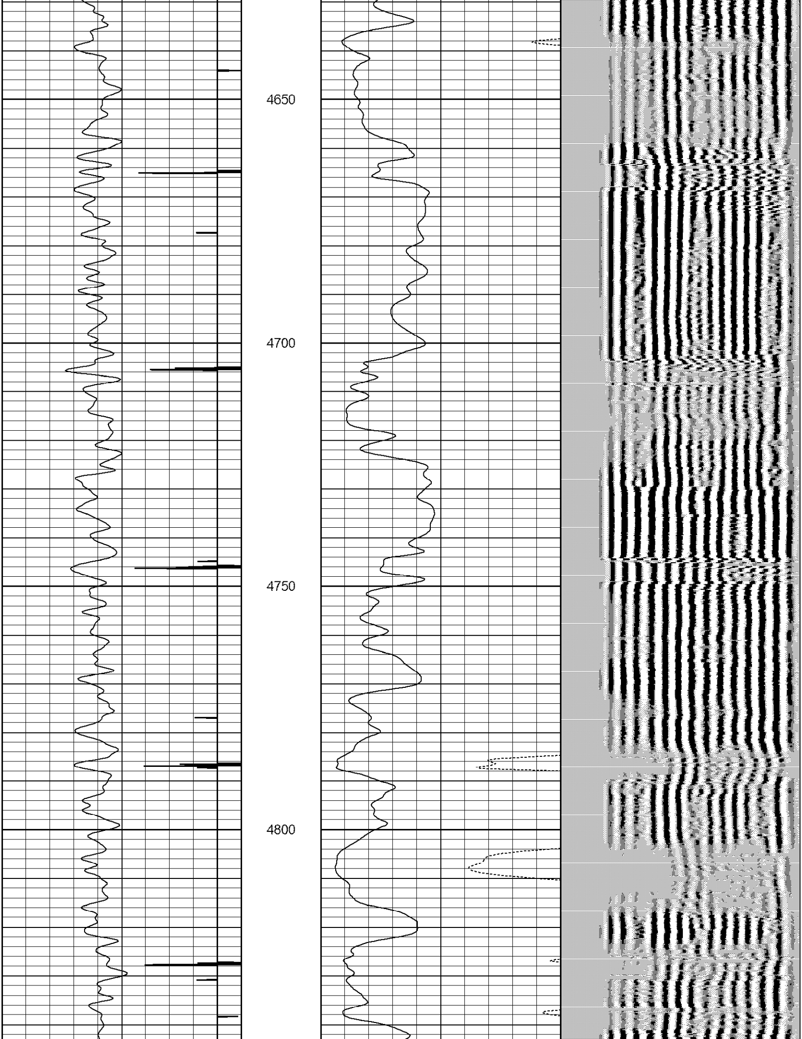
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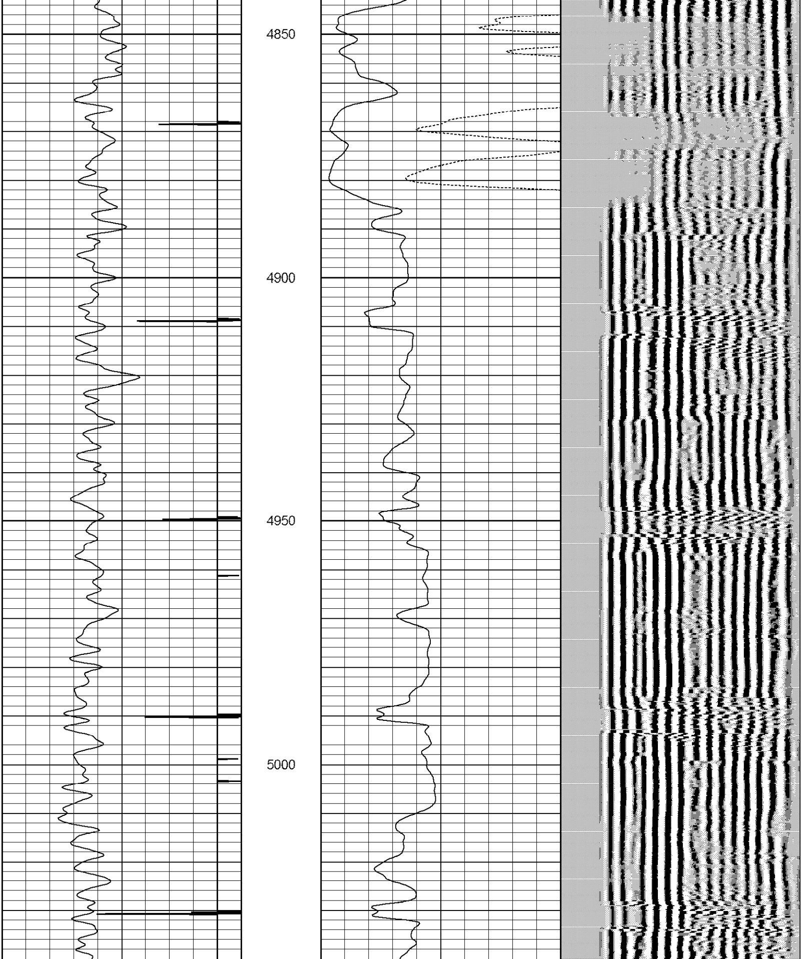
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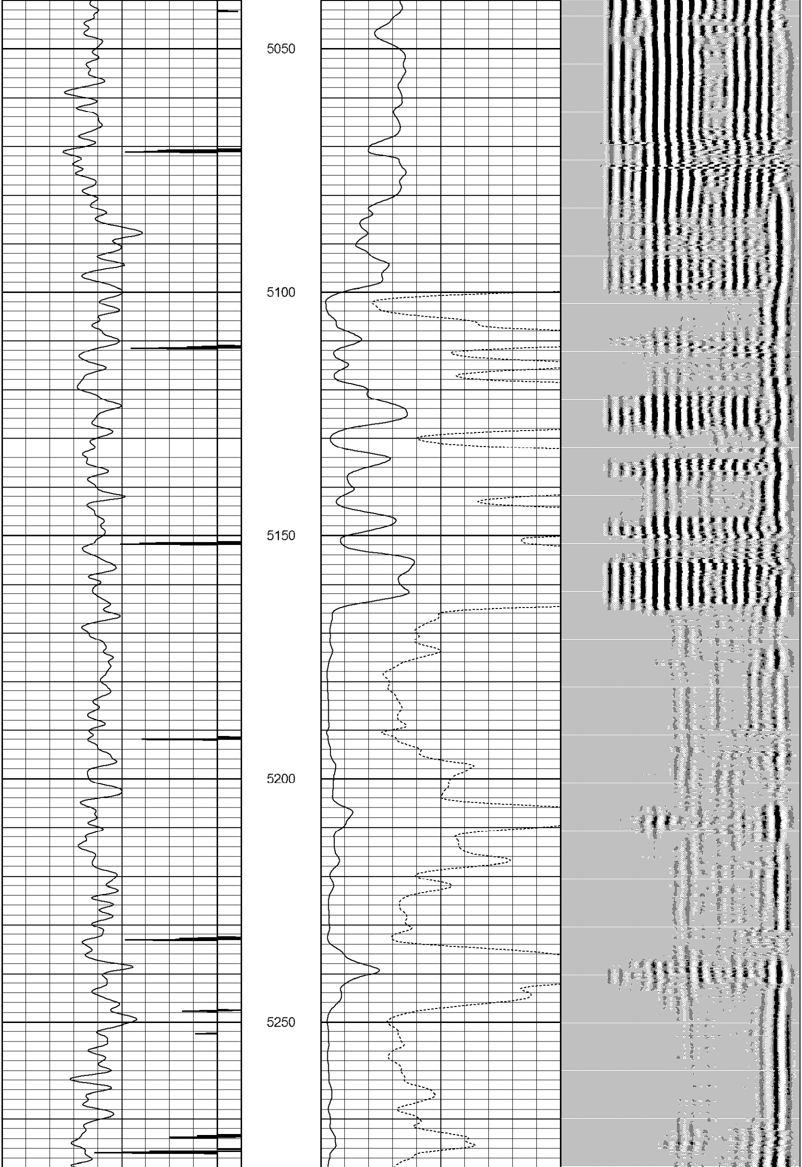
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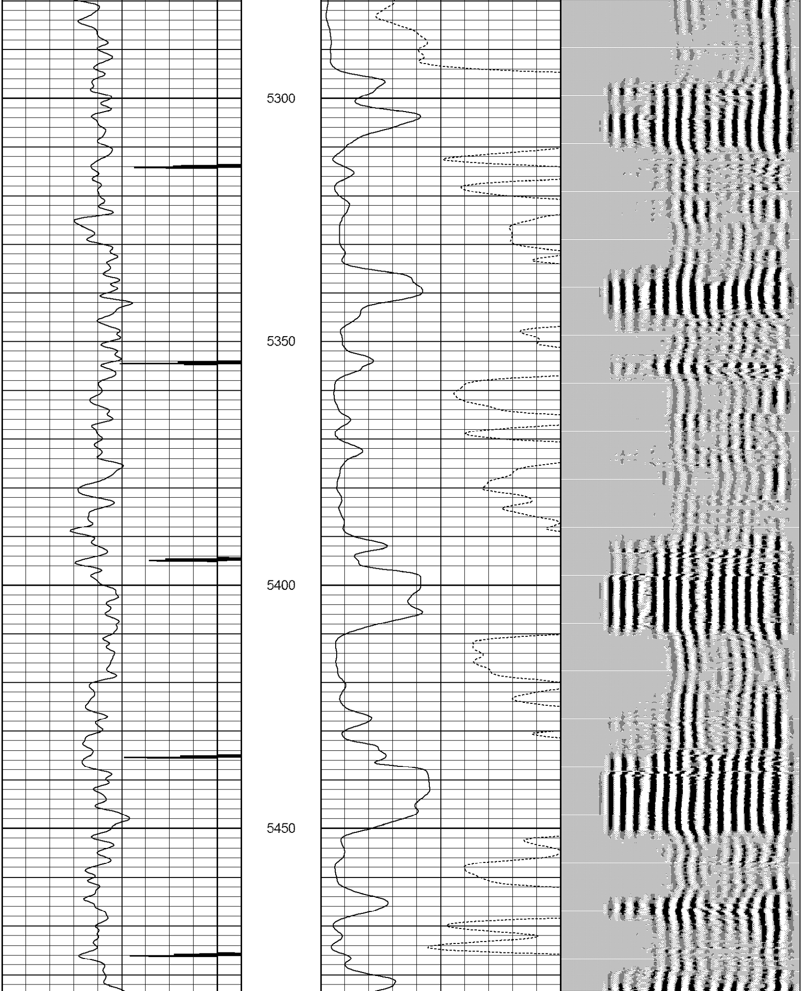
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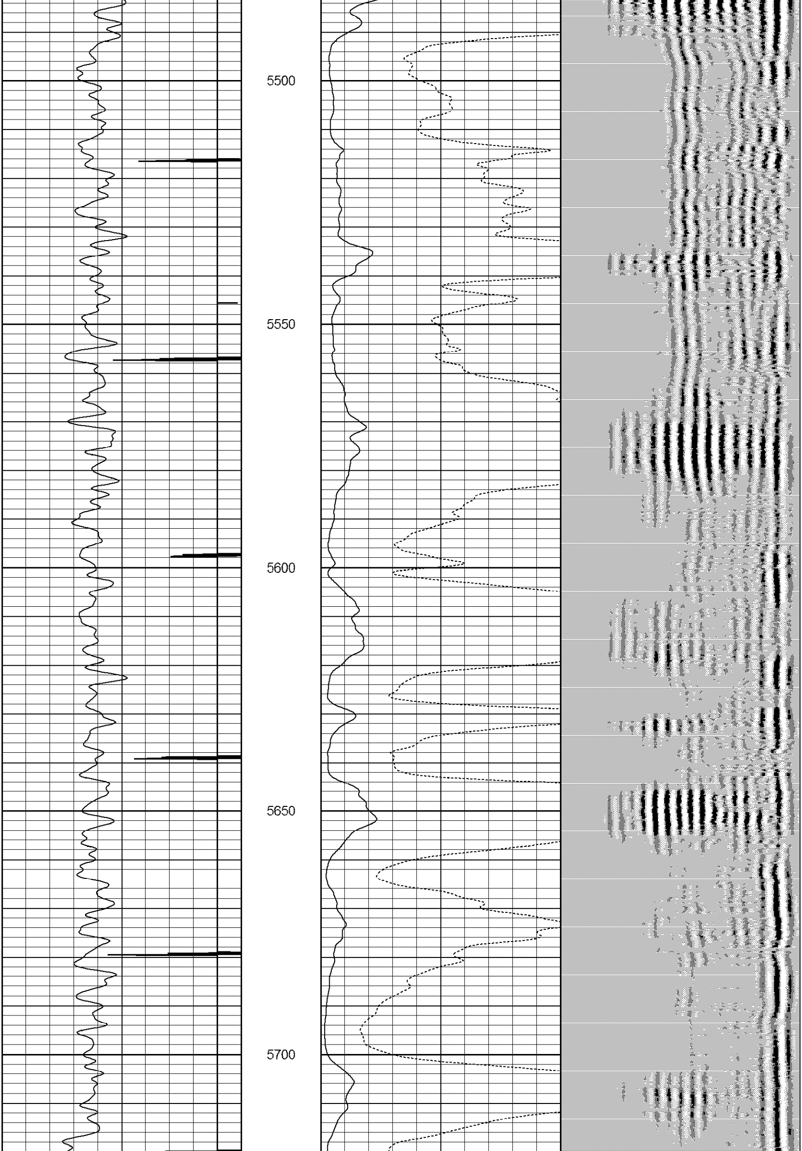
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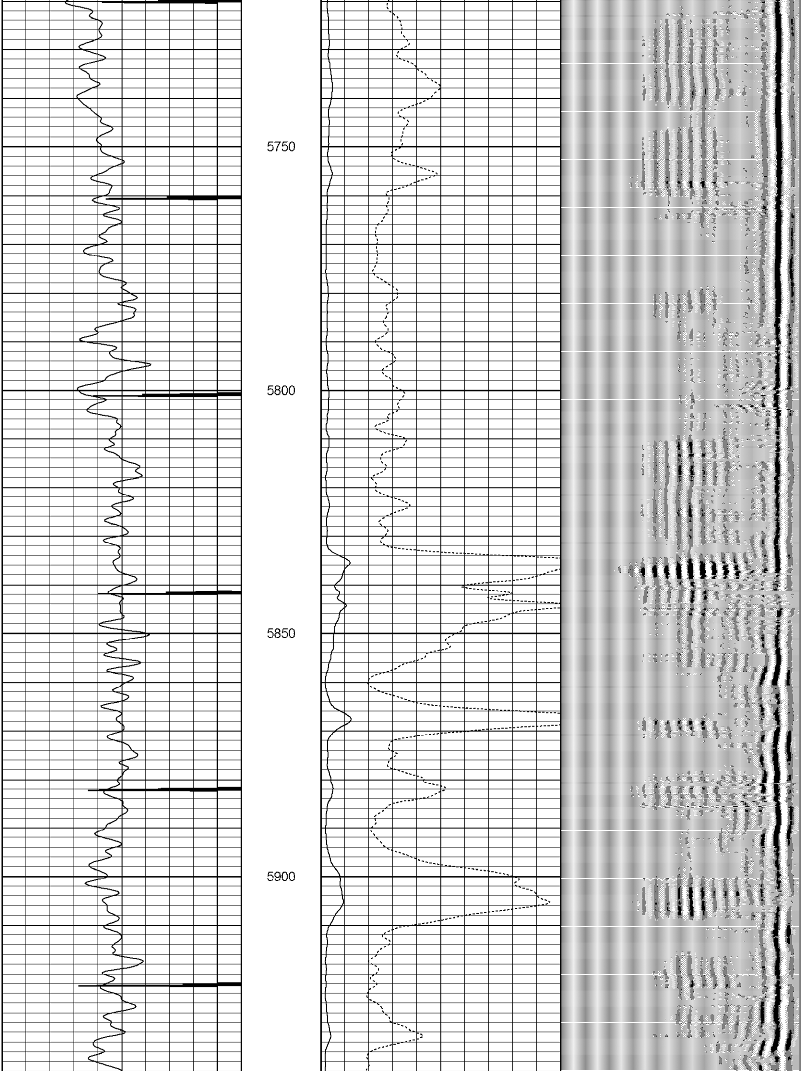
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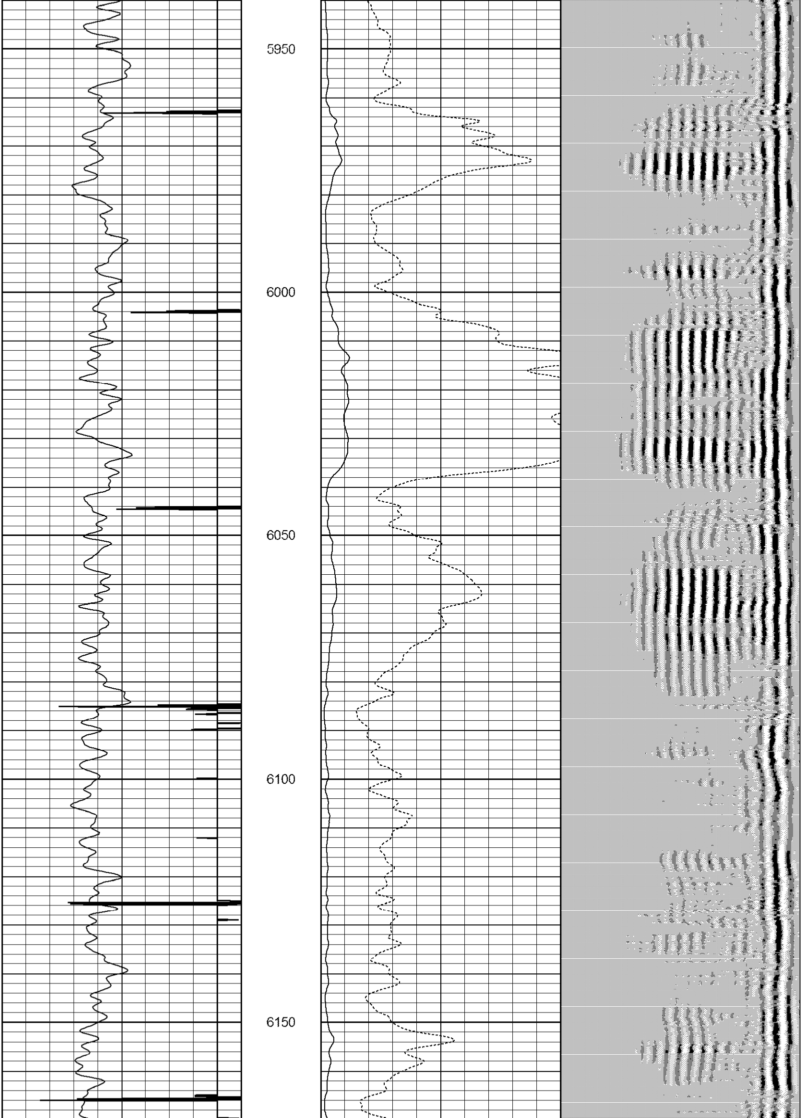
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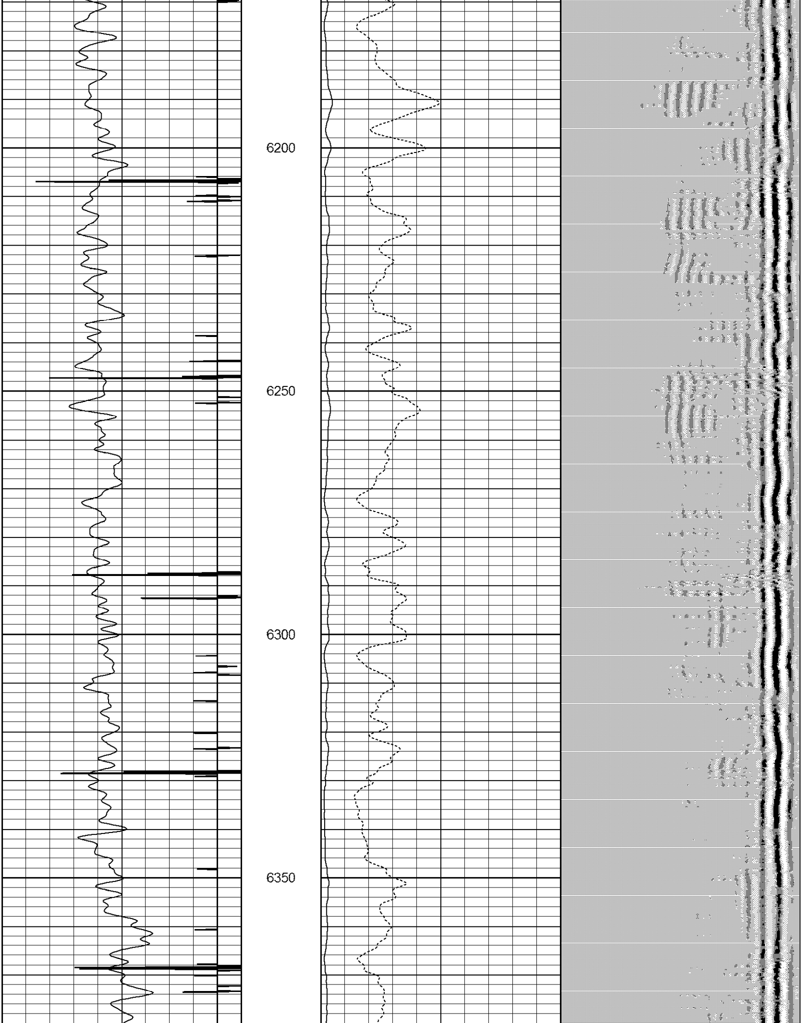
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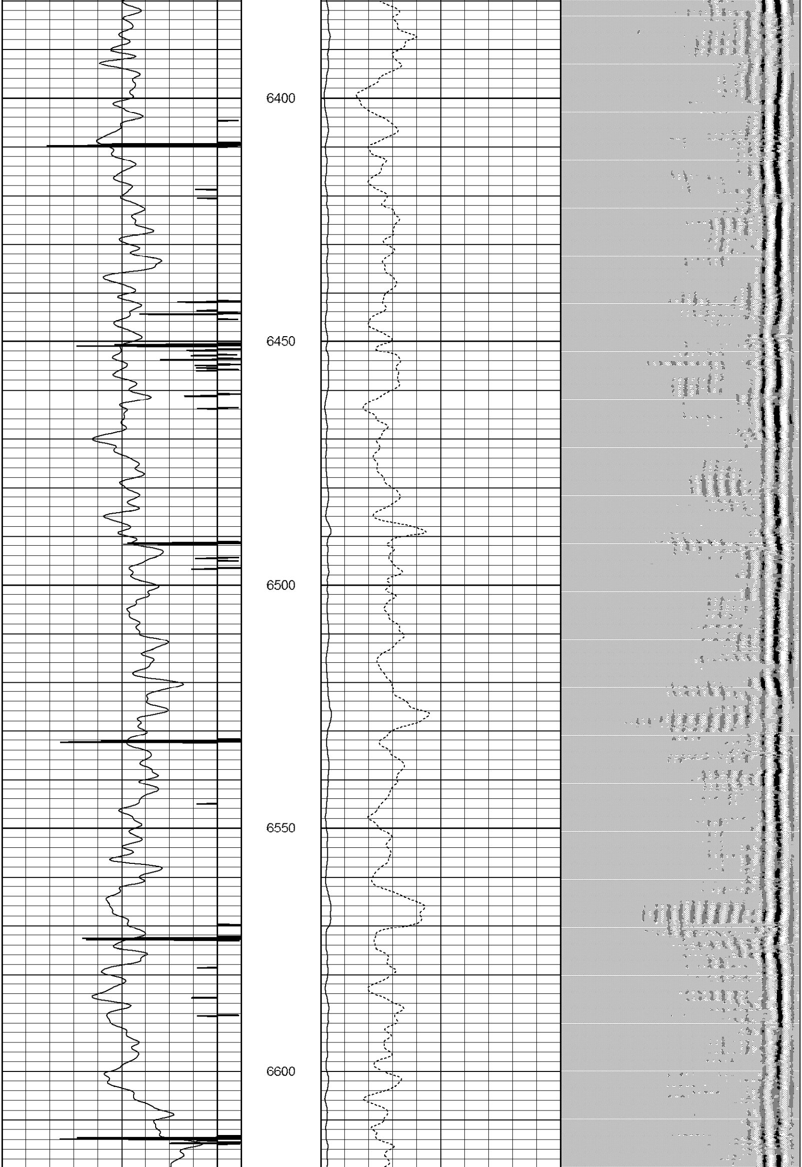
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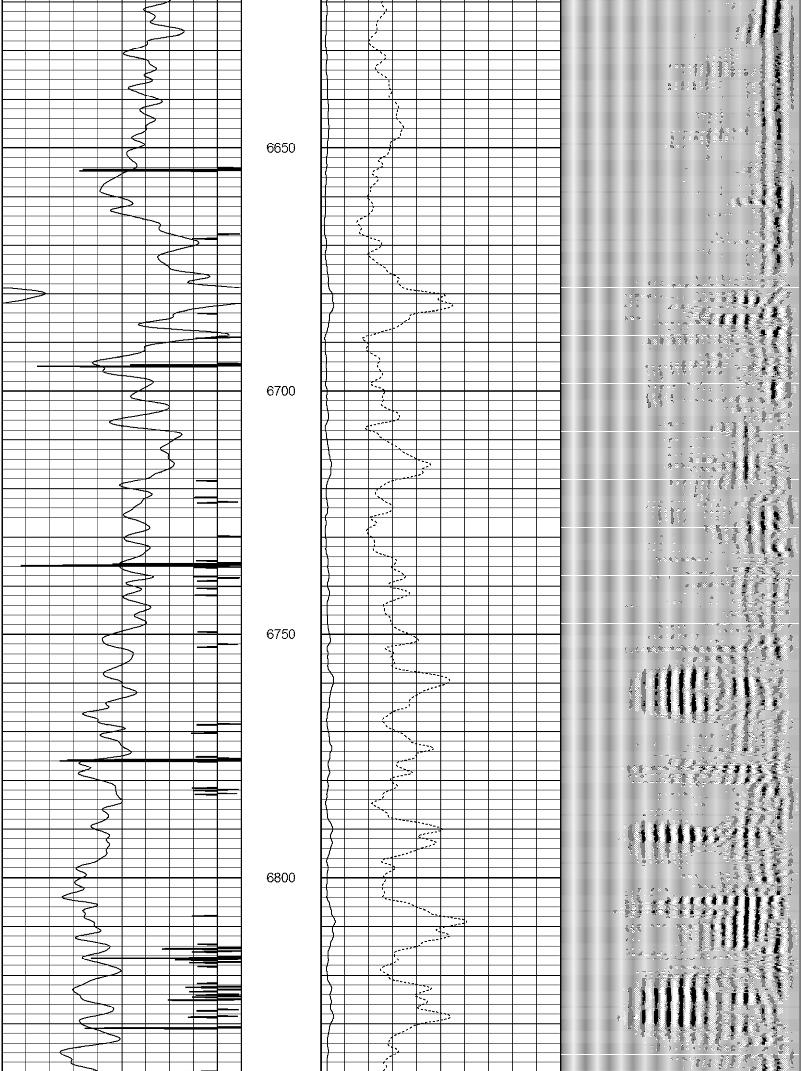
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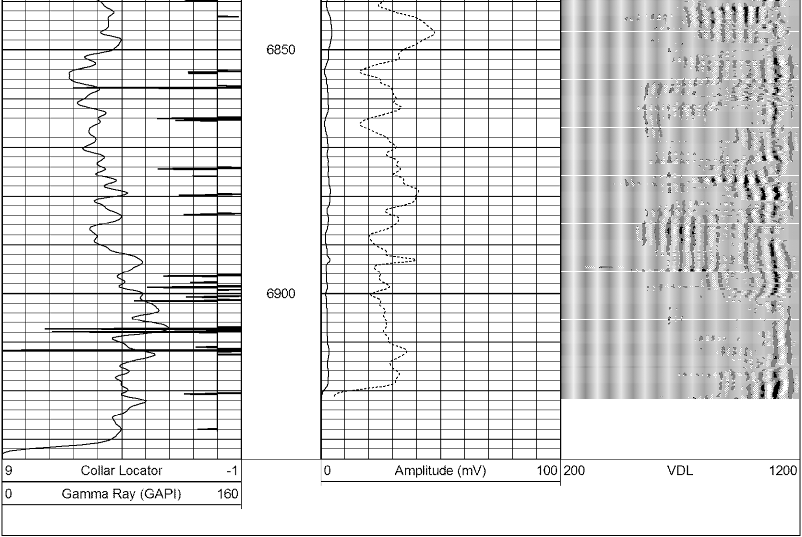
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VDL
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