NABORS
COMPLETION & PRODUCTION SERVICES CO.

Gamma Ray, Cement Bond, Variable Density, CCL

Company Petroleum Developement Corporation
Well Guttersen 31T-441
Field Wattenberg
County Weld
State Colorado

Company Petroleum Developement Corporation
Well Guttersen 31T-441
Field Wattenberg
County Weld
State Colorado Country USA
Location: API # : 05-123-38303
75' FSL & 2119' FEL
SW / SE
SEC 31 TWP 3N RGE 63W
Other Services

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

Date	September 4, 2014
Run Number	1
Depth Driller	11,229'
Depth Logger	7000'
Bottom Logged Interval	7000'-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

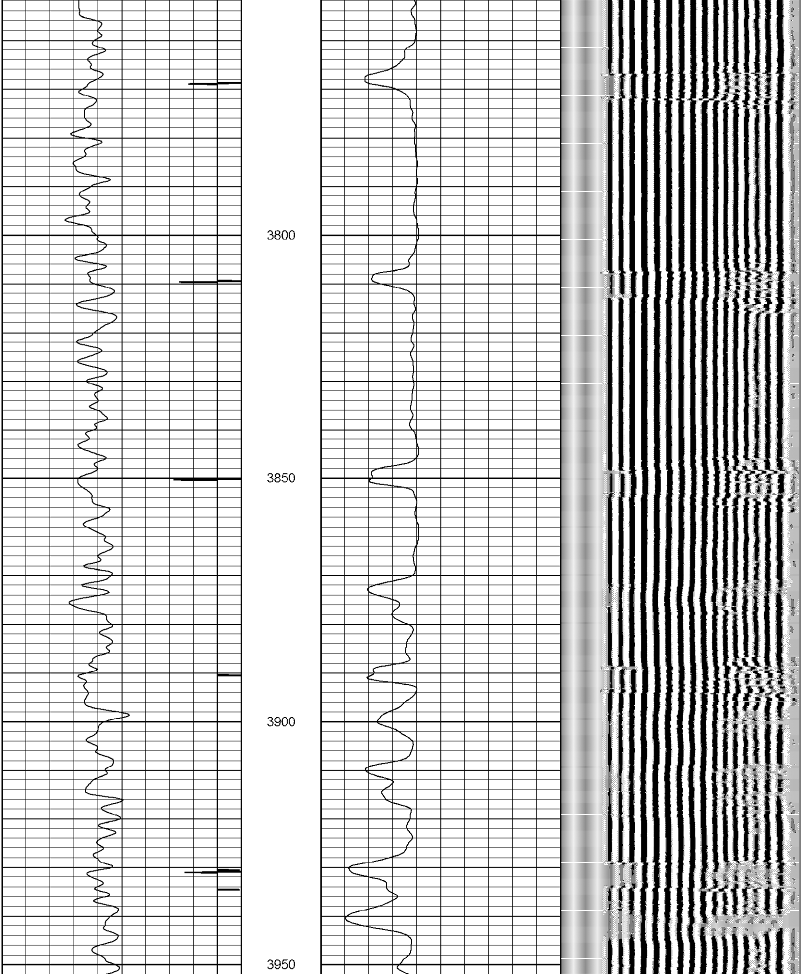
Thank you for choosing Nabors

NORTH PAD

<WEST> O O X O <EAST>

X = Guttersen 31T-441

Database File:	pdcg31t441.db
Dataset Pathname:	pass1
Presentation Format:	scbl_dr
Dataset Creation:	Thu Sep 04 10:24:16 2014 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240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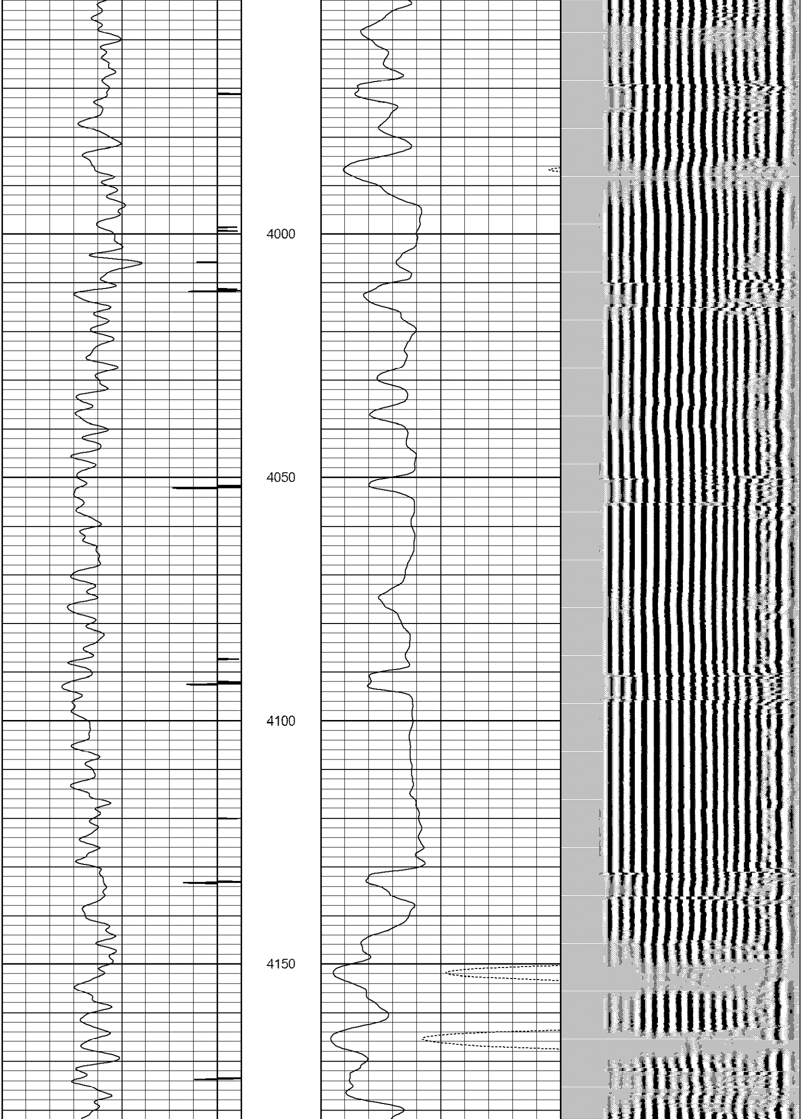
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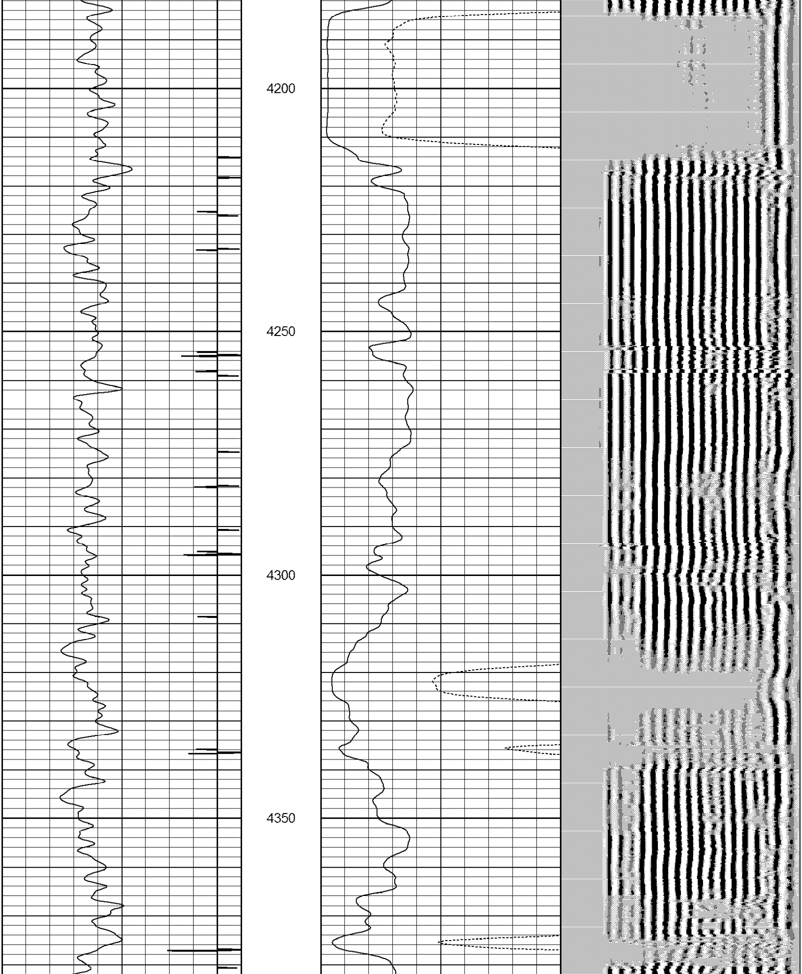
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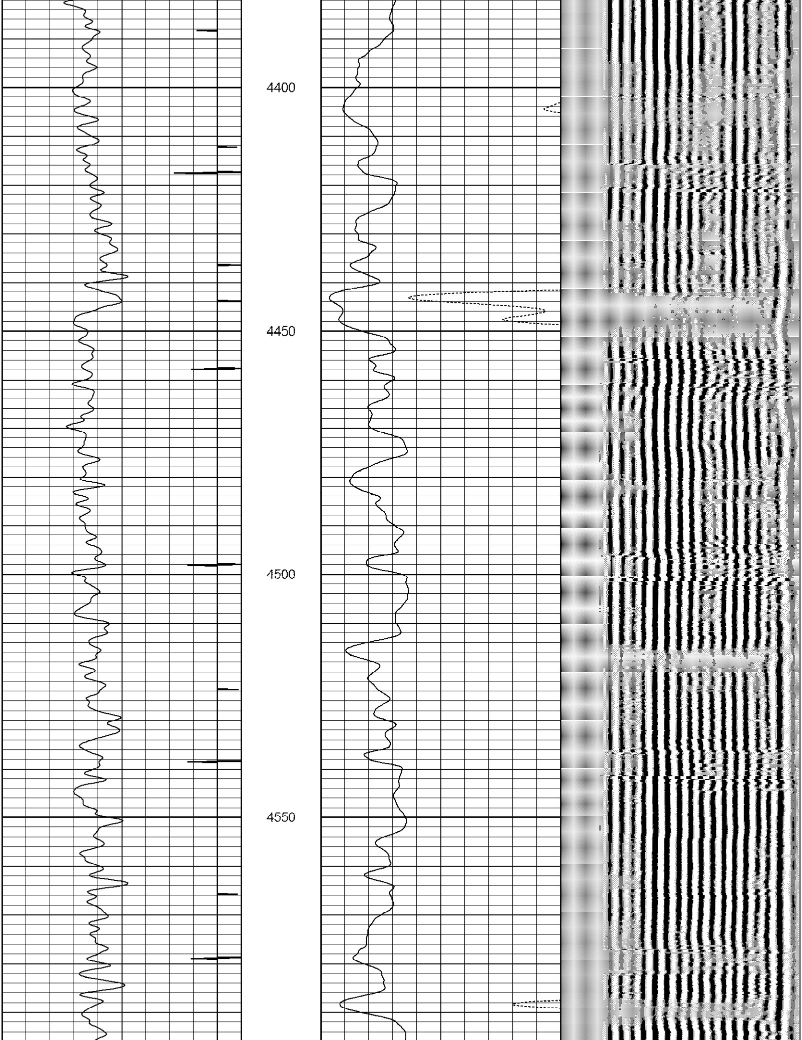
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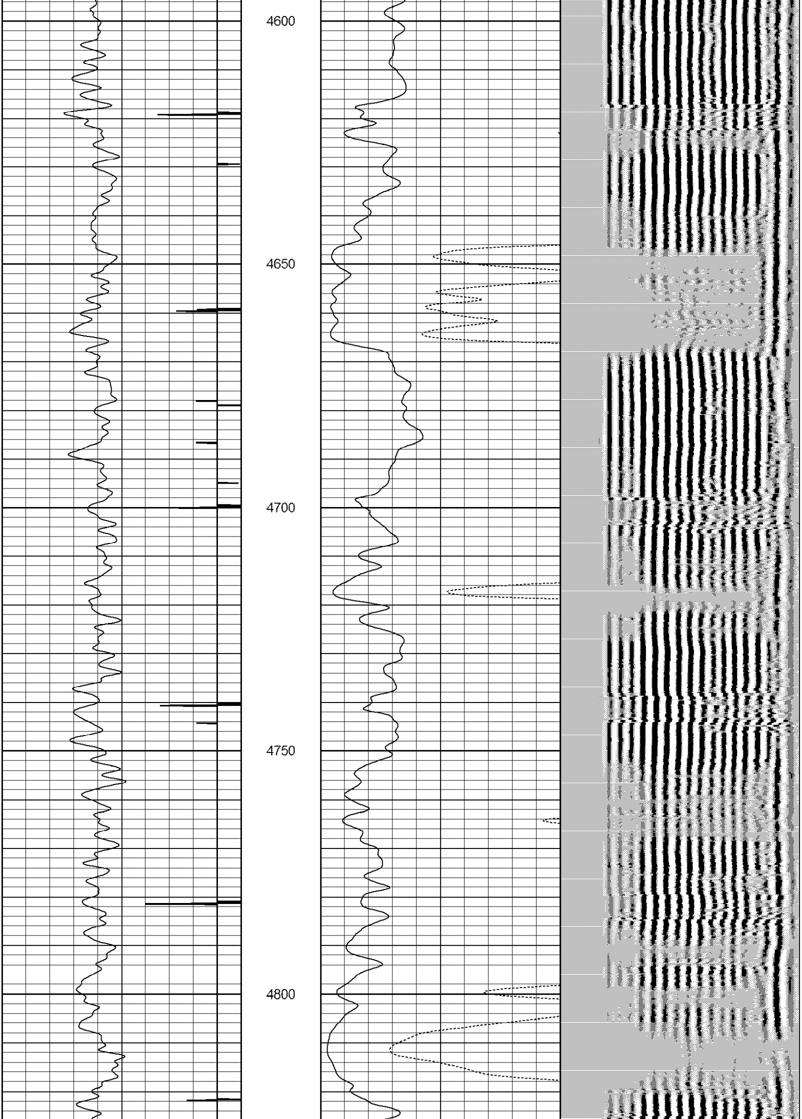
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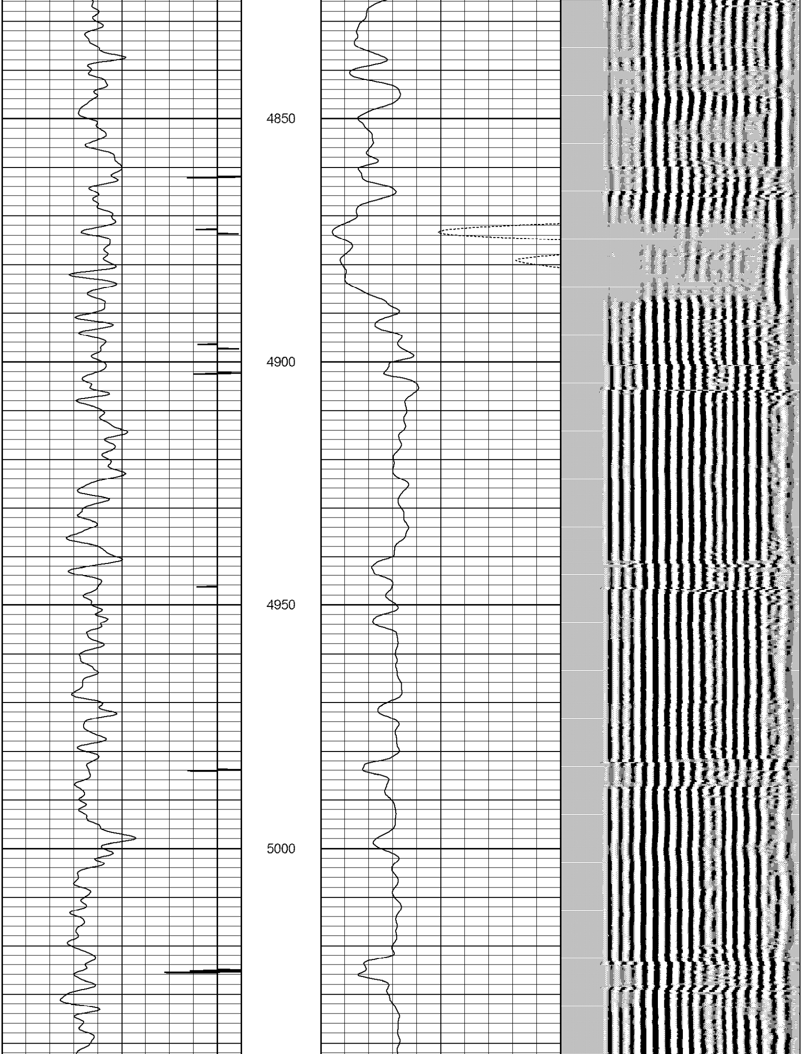
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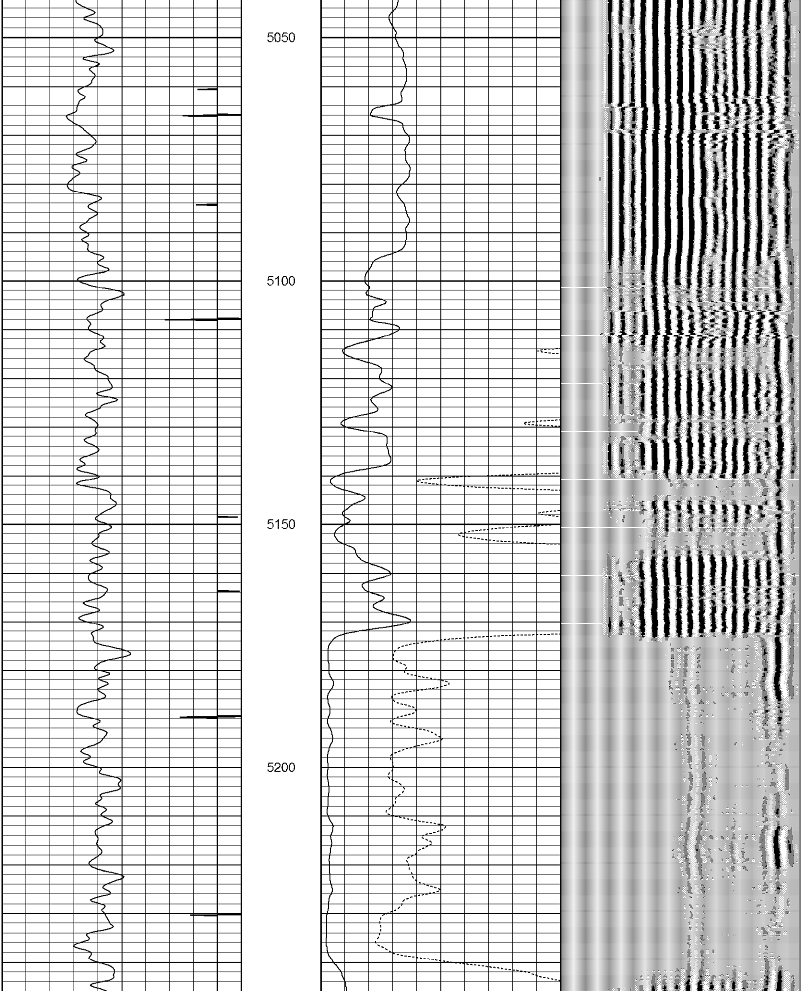
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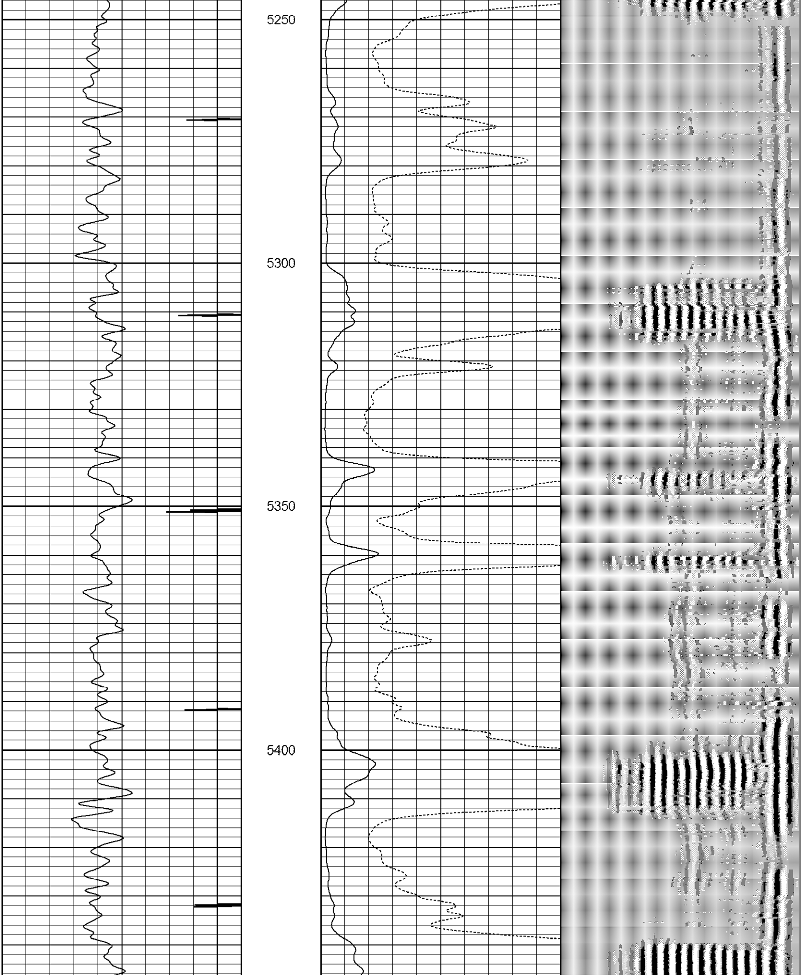
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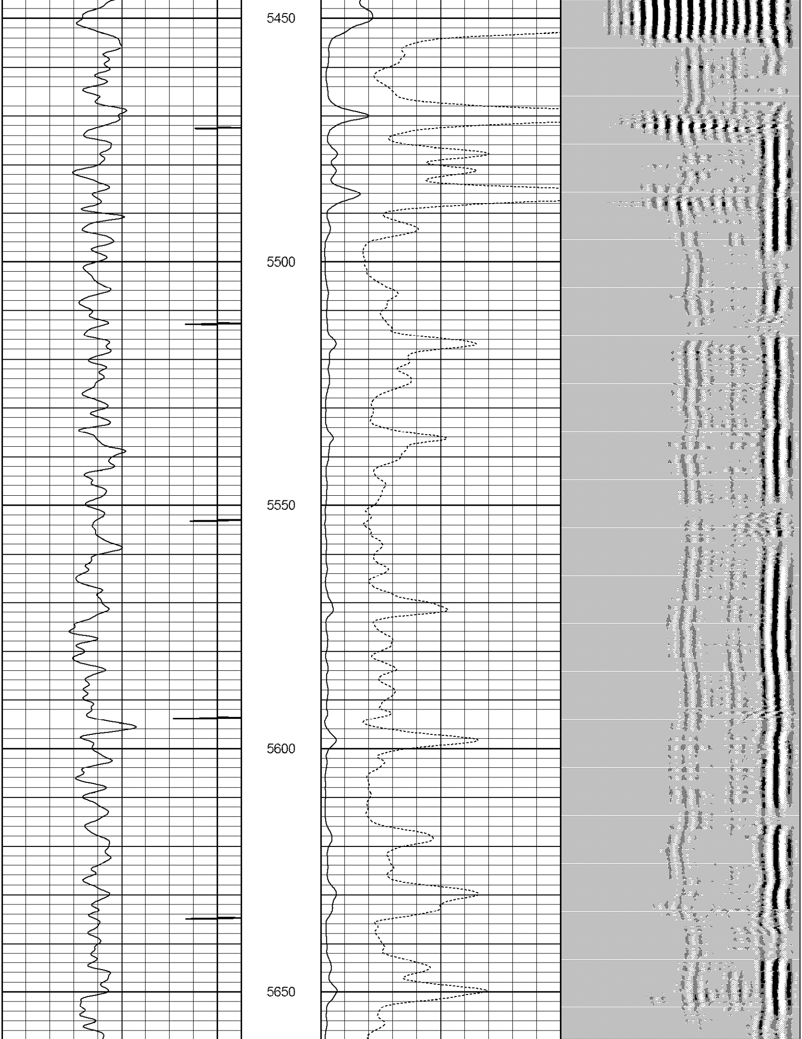
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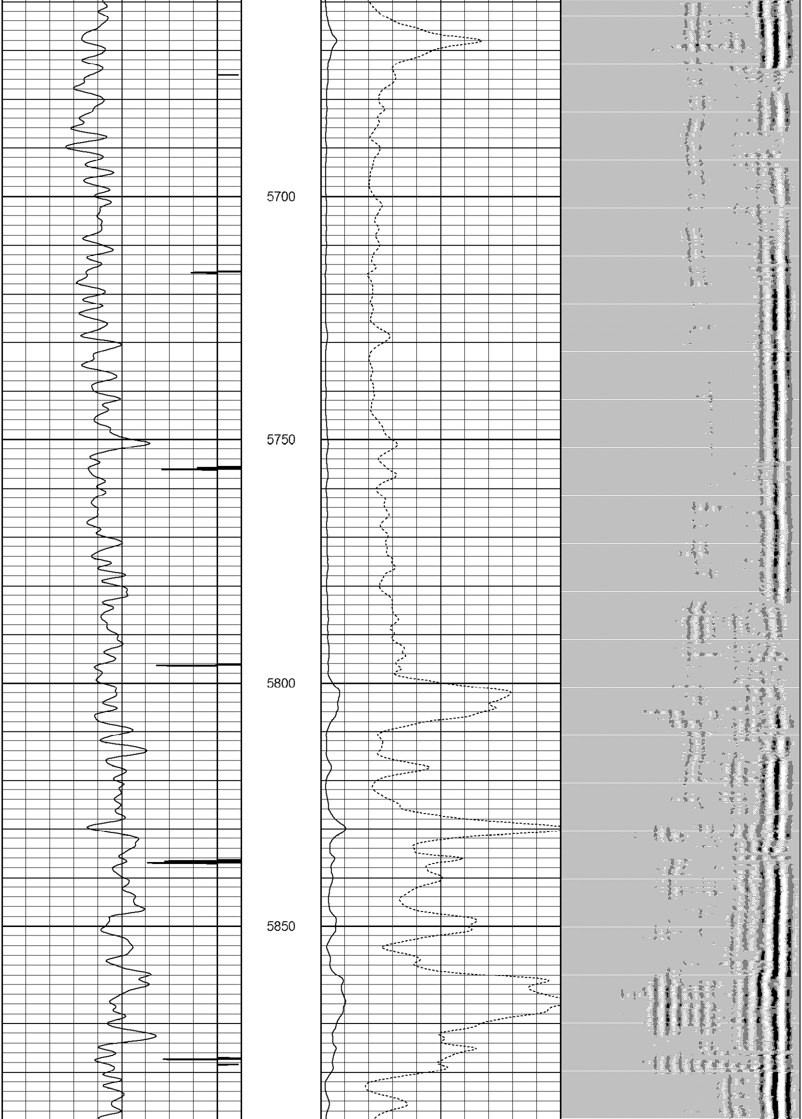
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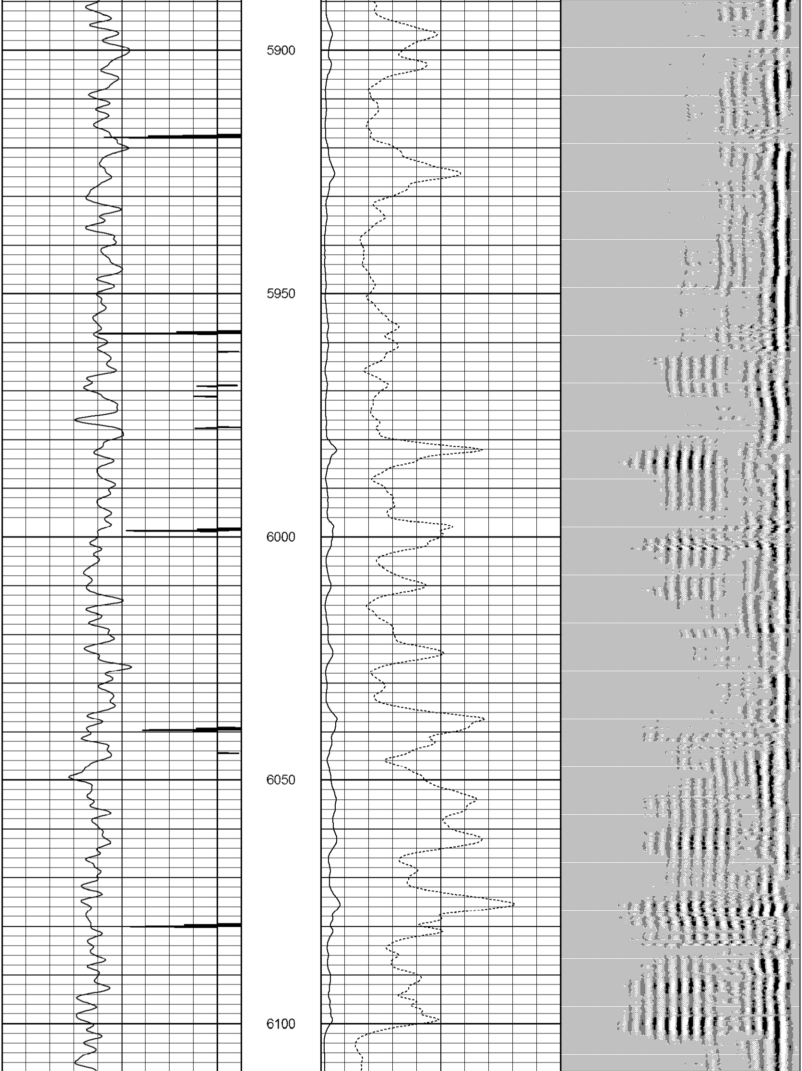
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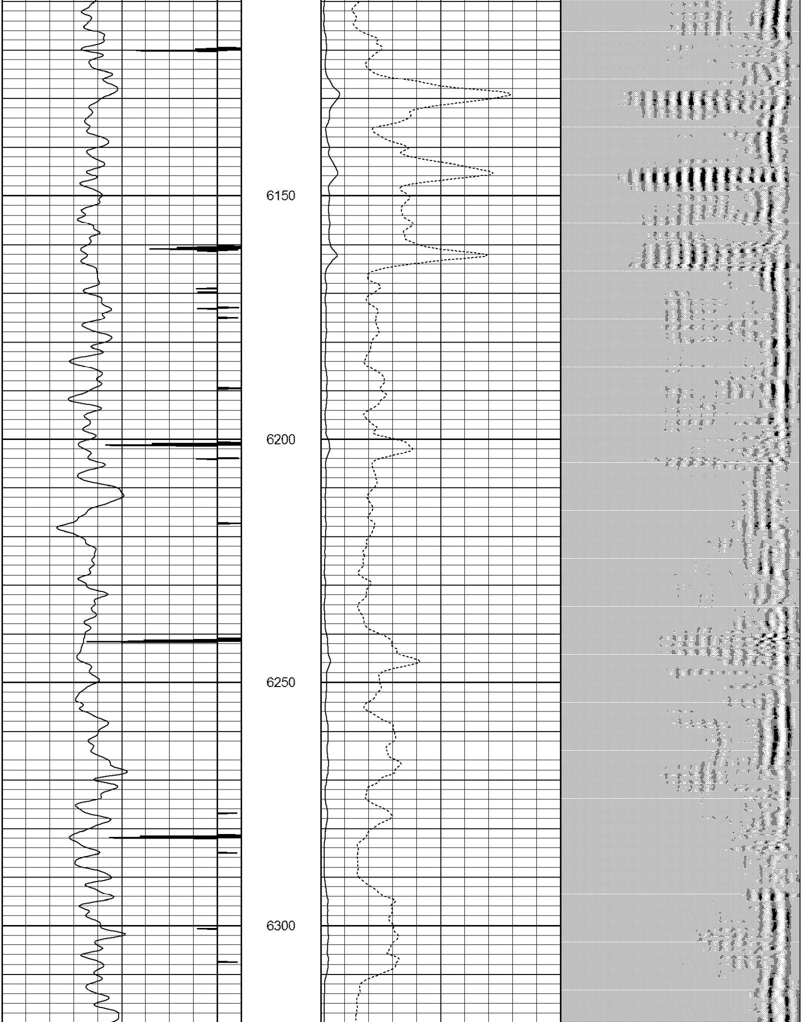
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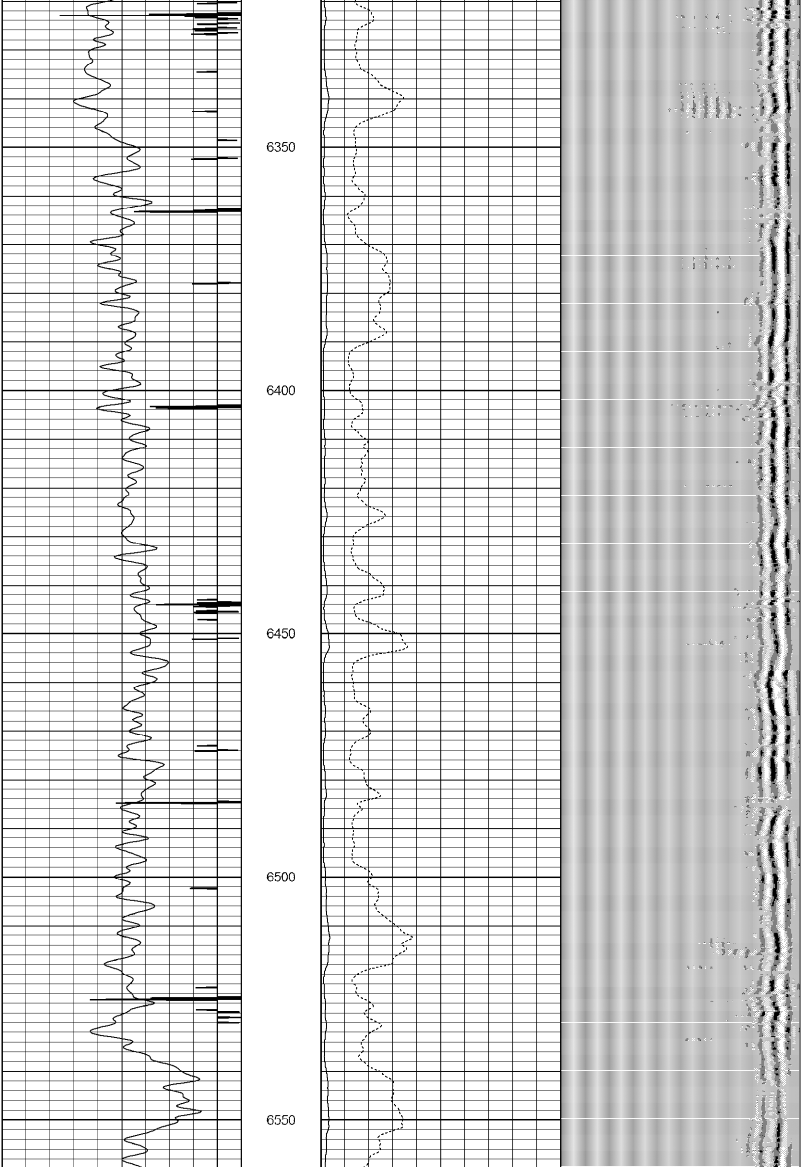
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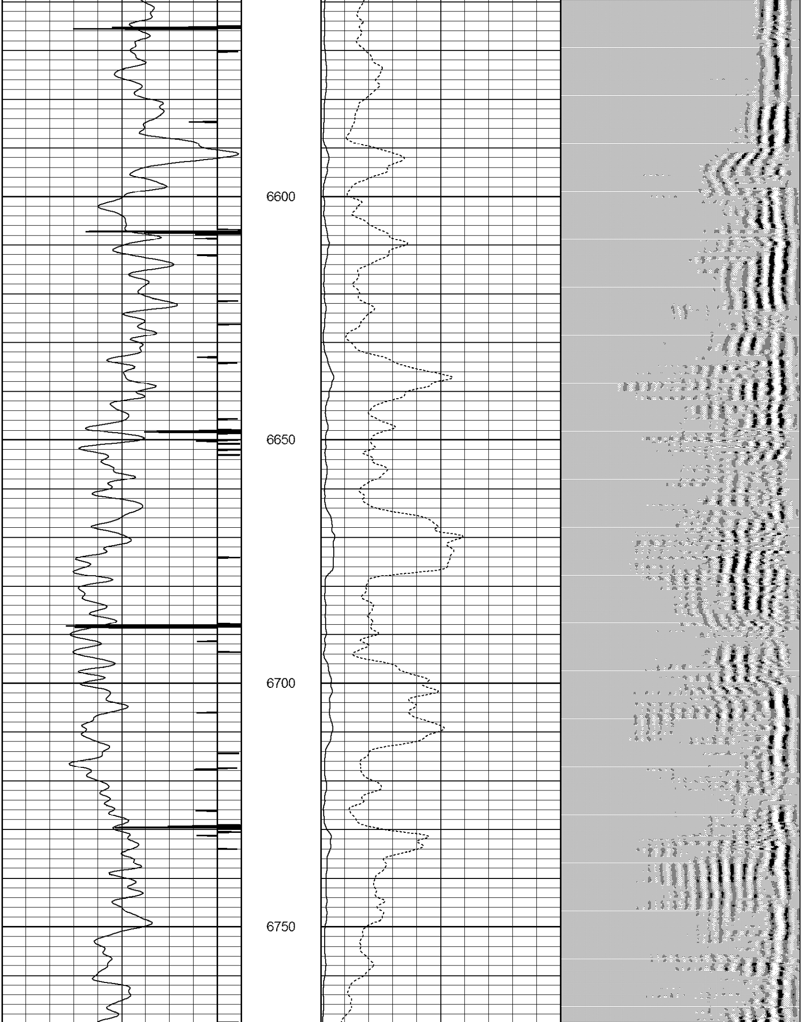
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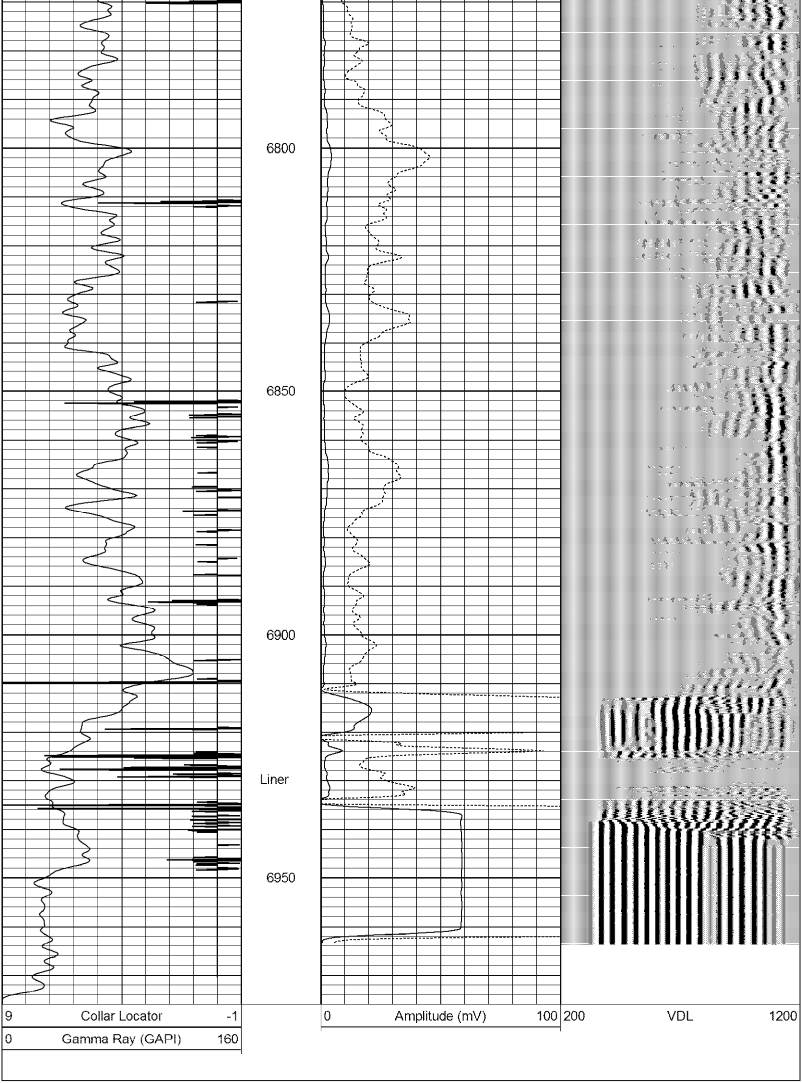
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Liner
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Amplitude (mV)
100
200
VDL
1200