C&J ENERGY SERVICES

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

Company	PDC Energy
Well	Fern 11V - 334
Field	Wattenberg
County	Weld
State	CO

Company PDC Energy
Well Fern 11V - 334
Field Wattenberg
County Weld State CO

Location: API #: 05-123-44588
351' FNL & 688' FWL
NW / NW
SEC 11 TWP 5N RGE 65W

Other Services

Permanent Datum	GL	Elevation 4619'	Elevation K.B. D.F. G.L. 4619'
Log Measured From	GL		
Drilling Measured From	KB		

Date	April 27, 2018
Run Number	1
Depth Driller	15,653'
Depth Logger	6900'
Bottom Logged Interval	6900'-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	HWY263+Fern,S1/10,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.

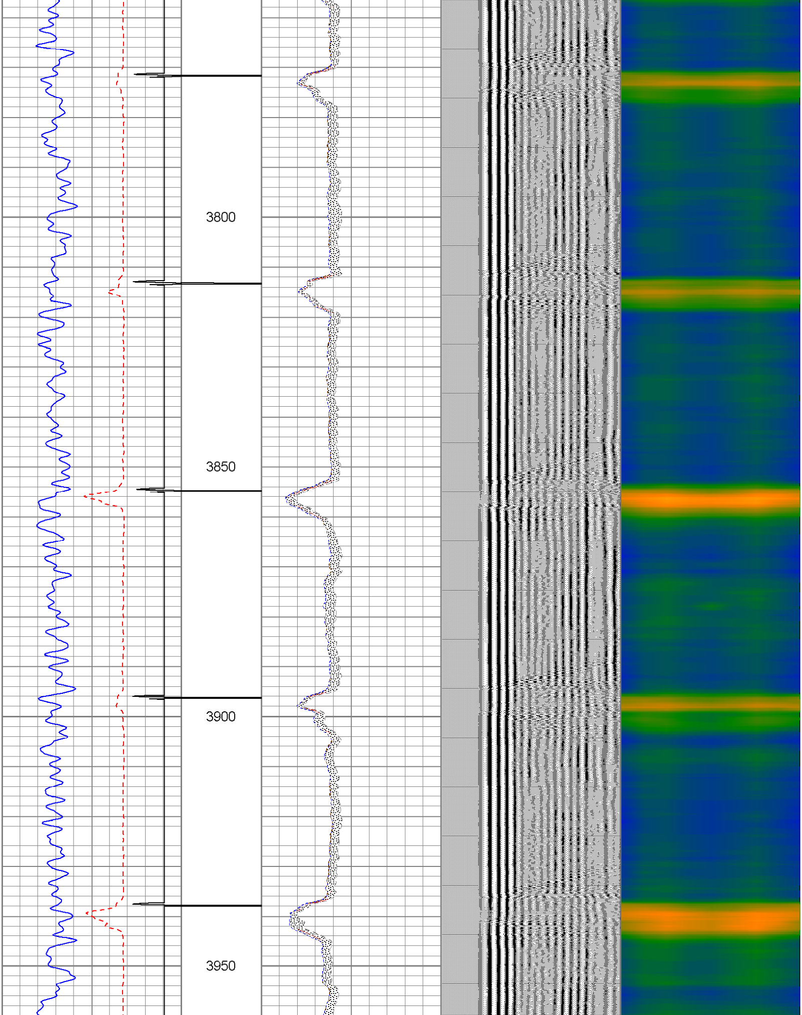
Comments

Fern 10 Well Pad

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

X = Fern 11V - 334

Database File:	pdcf11v334.db
Dataset Pathname:	pass1
Presentation Format:	sector2
Dataset Creation:	Fri Apr 27 11:50:19 2018 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240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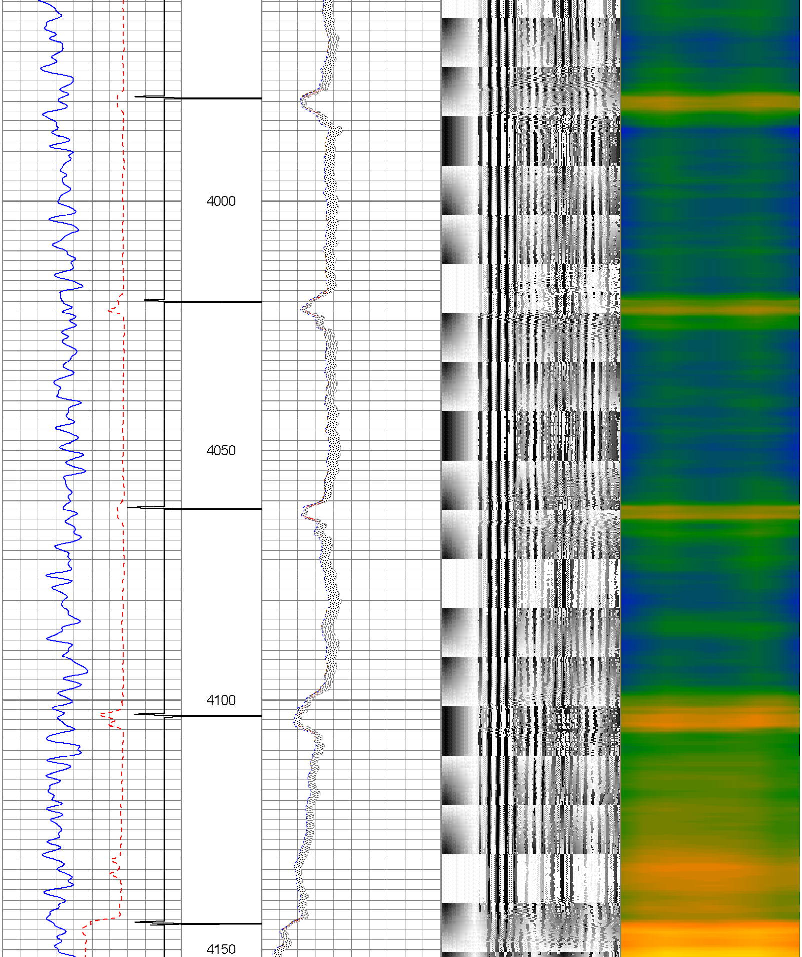
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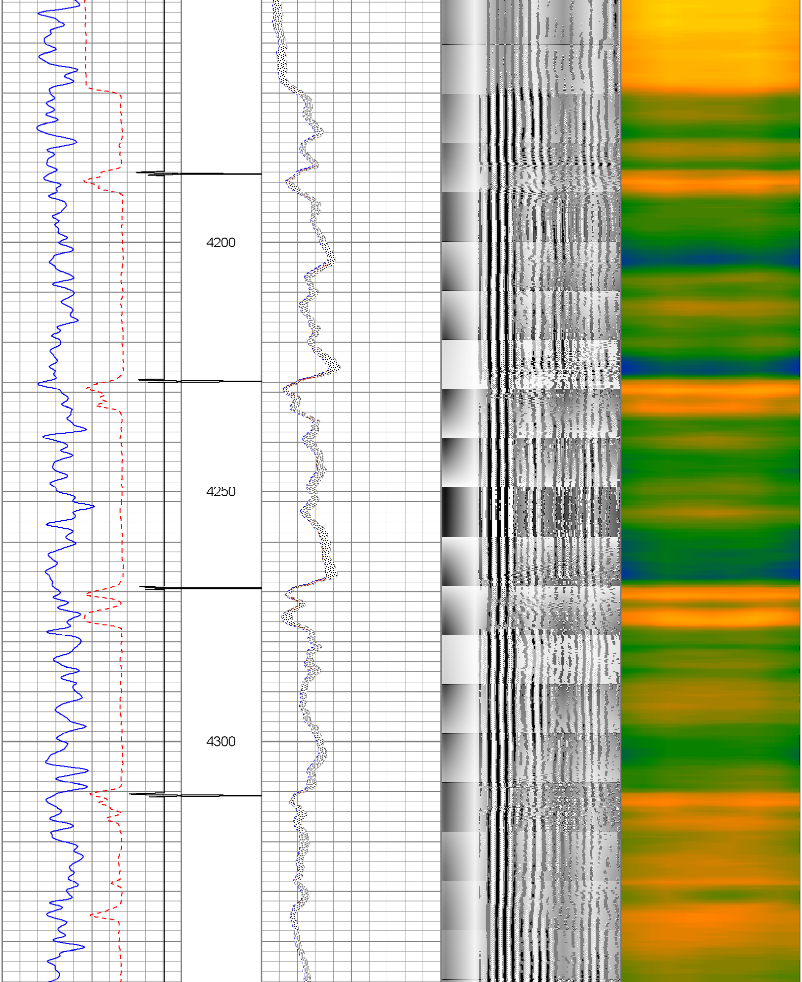
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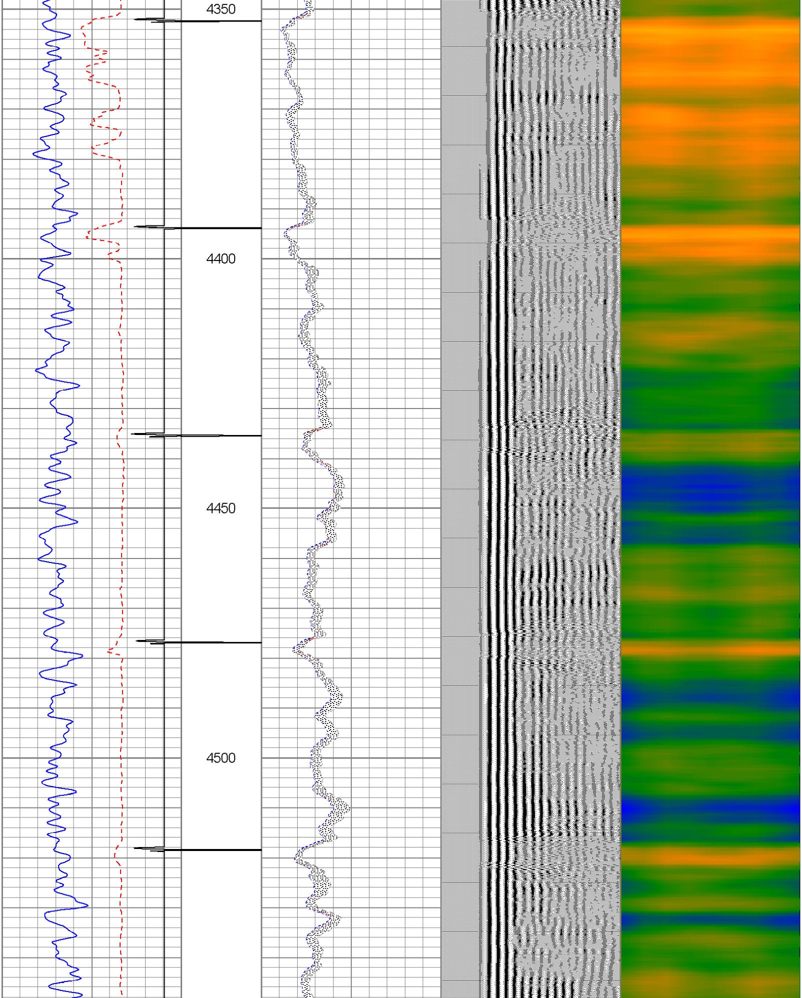
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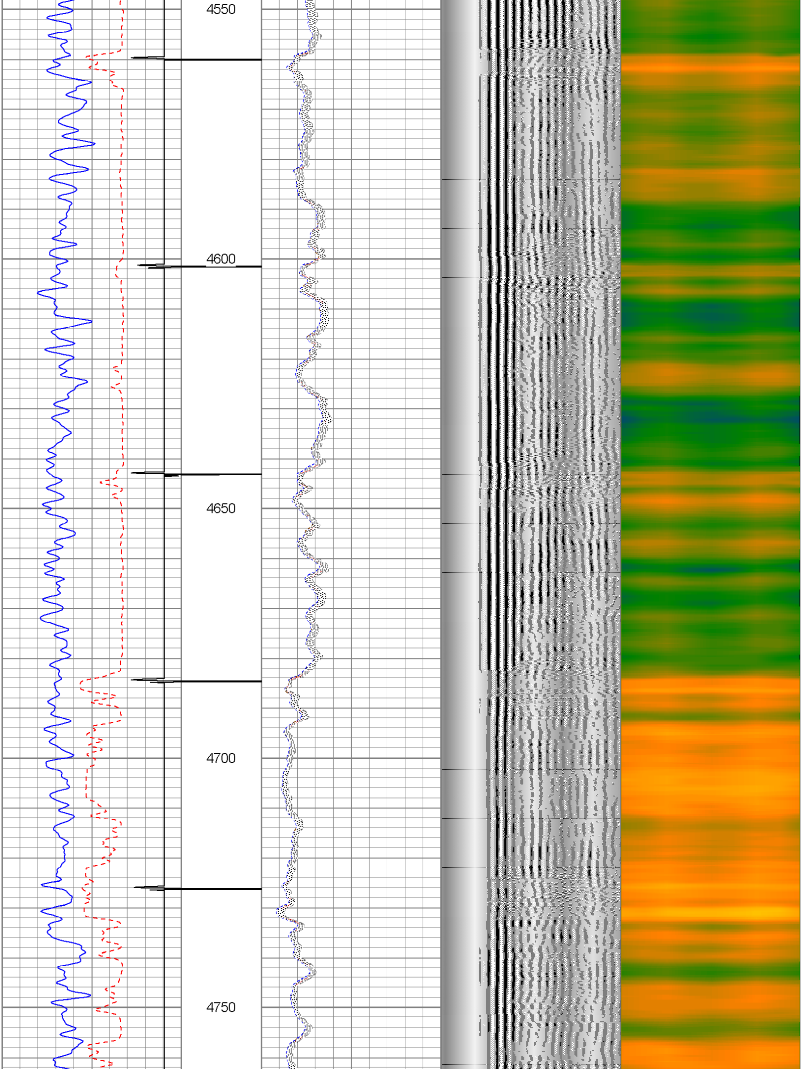
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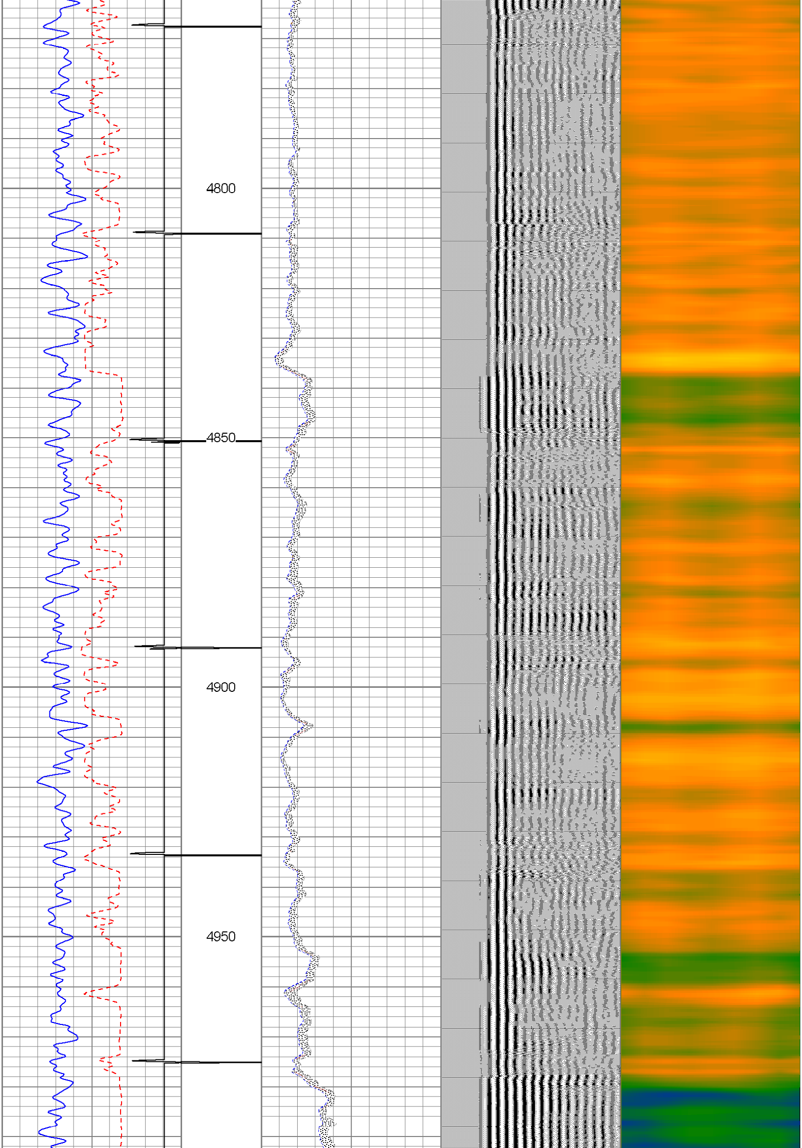
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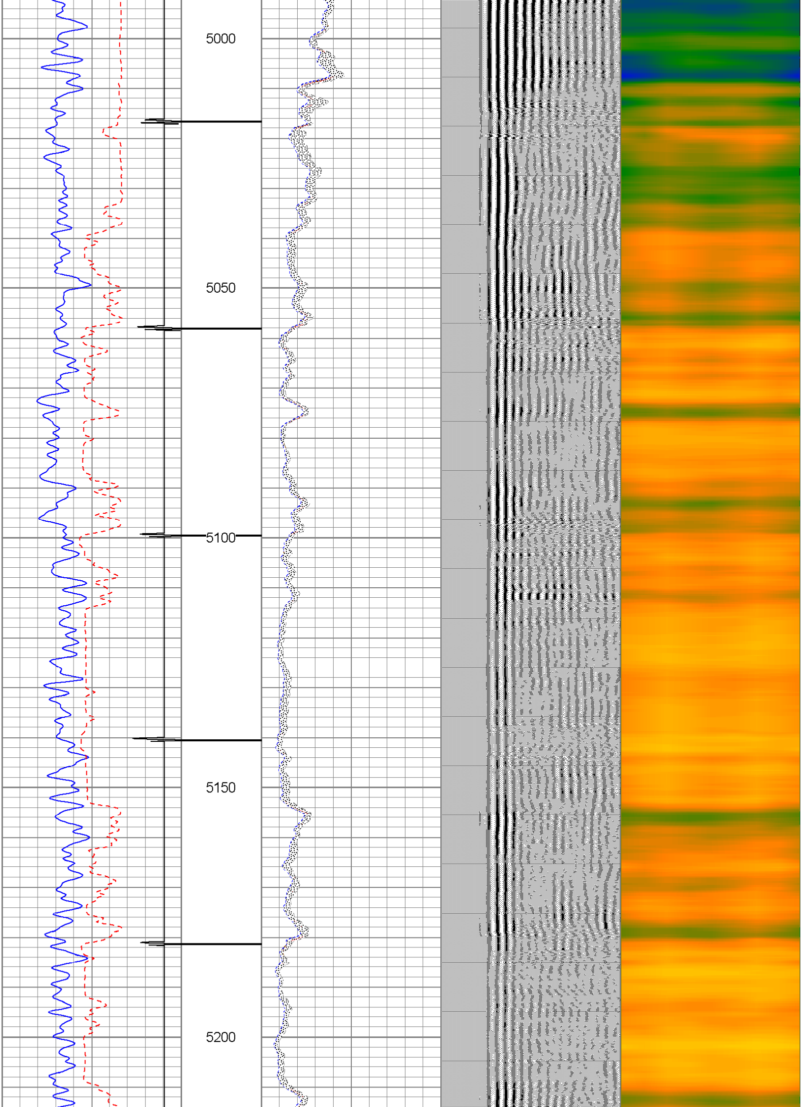
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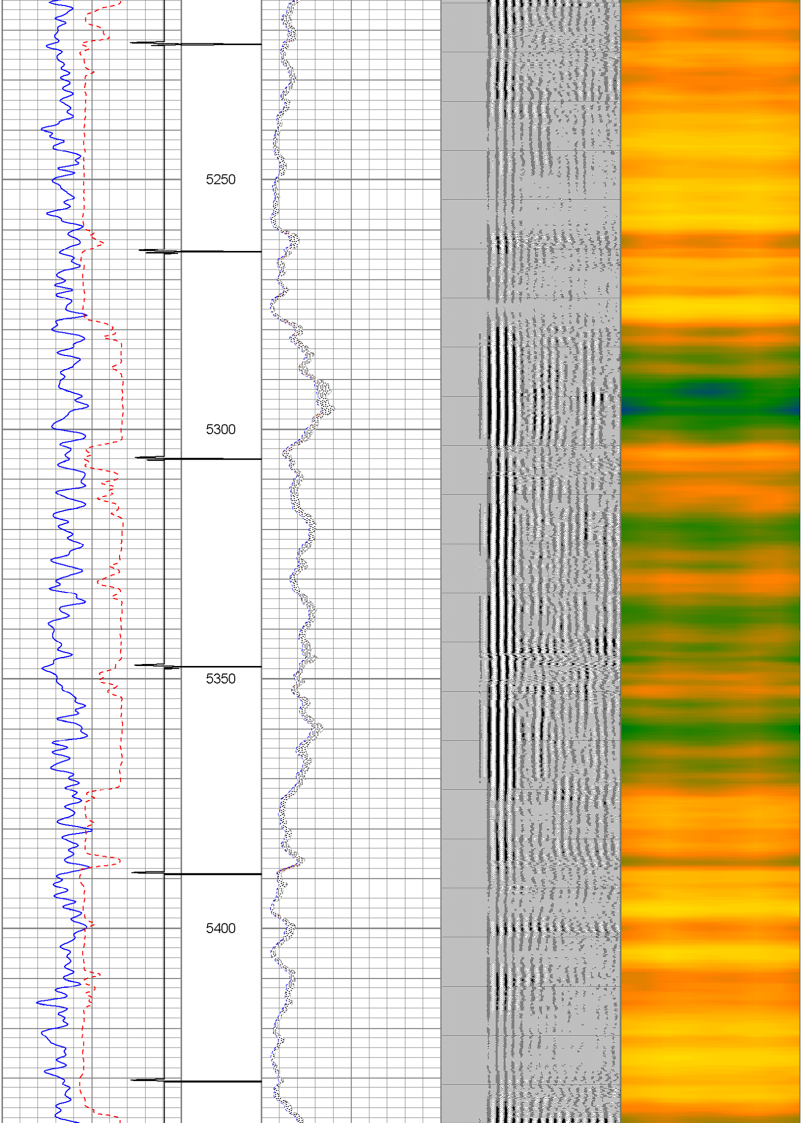
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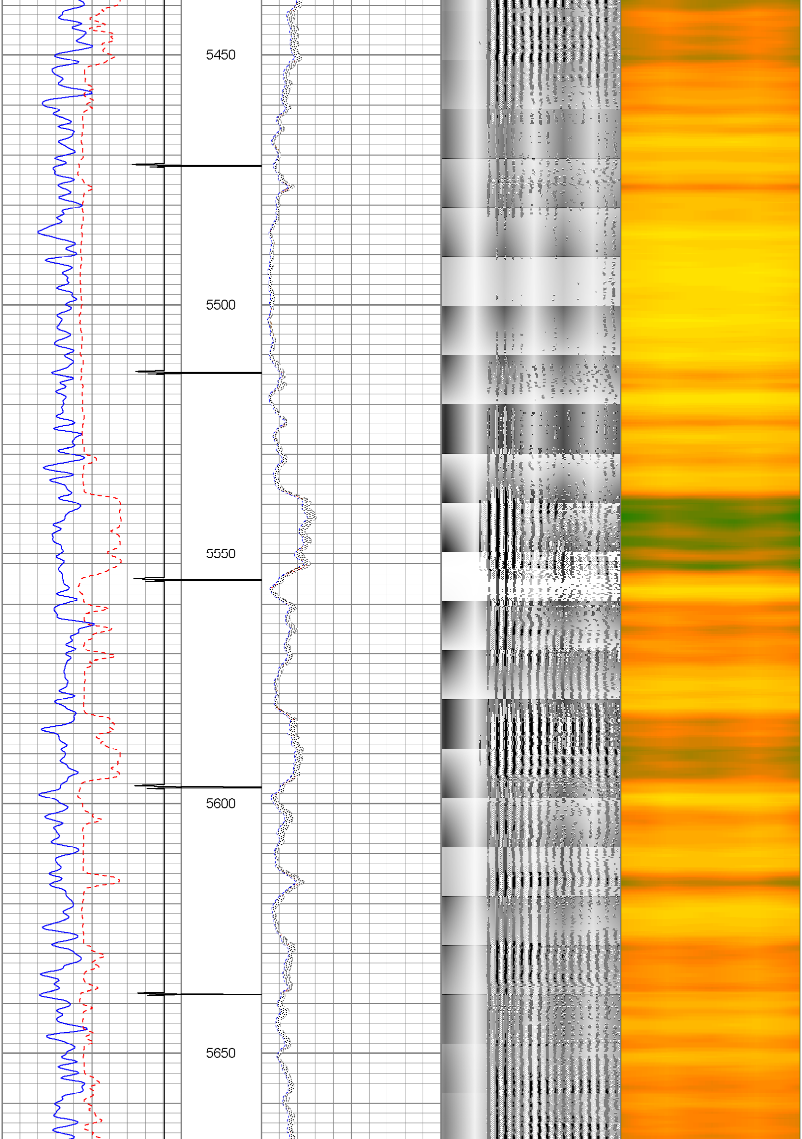
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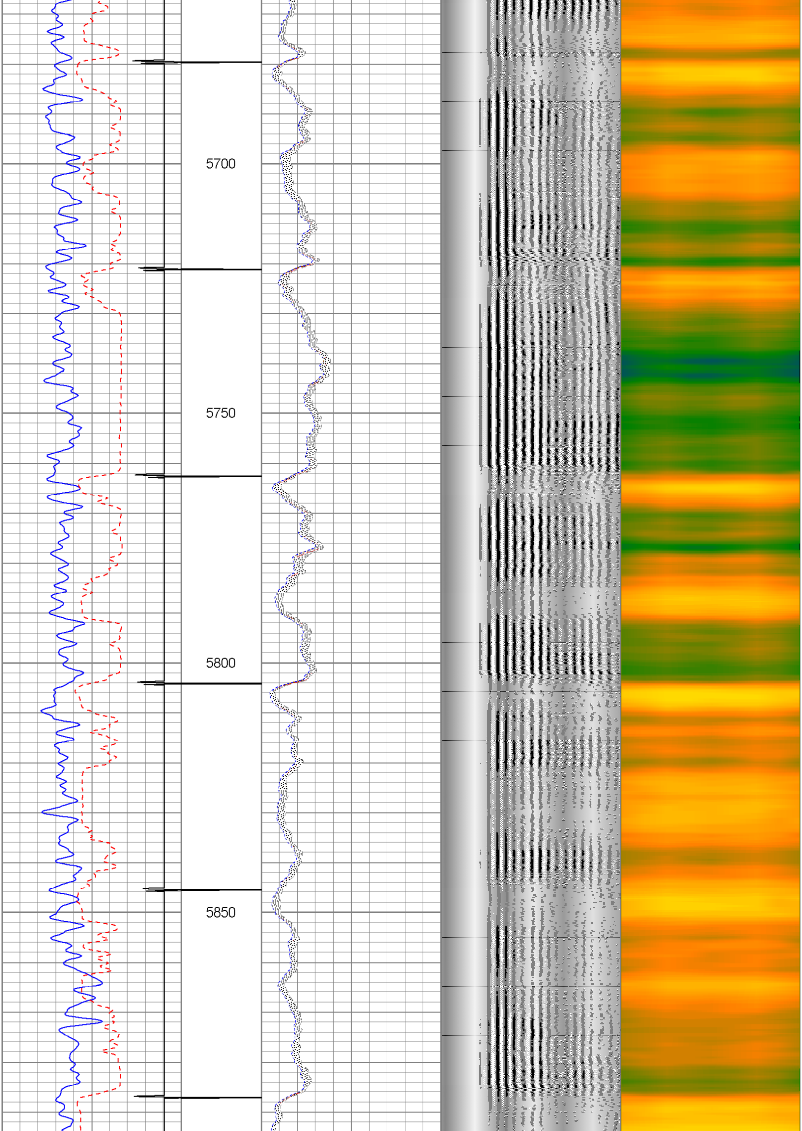
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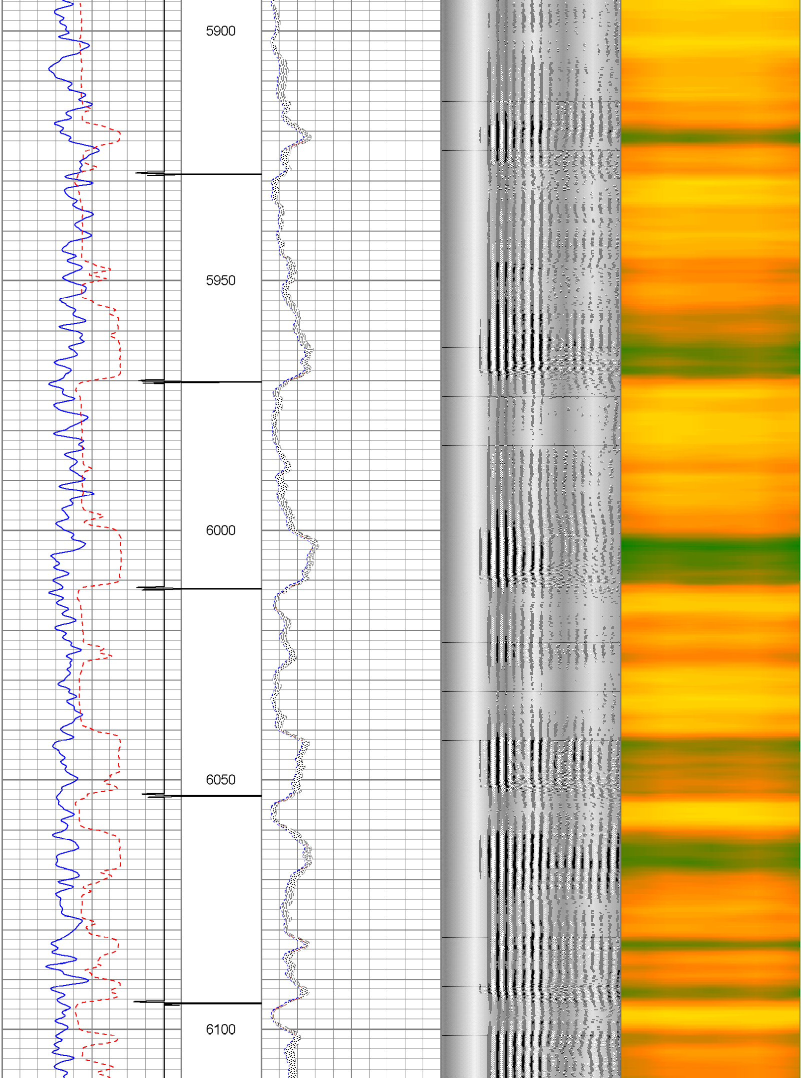
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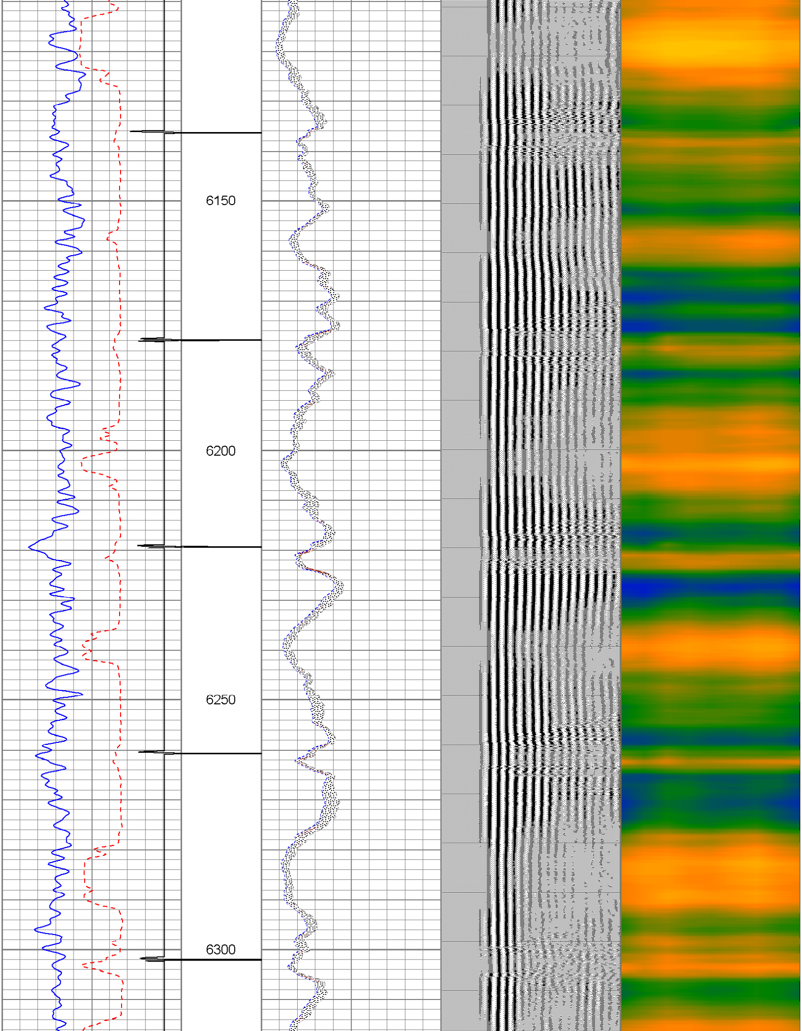
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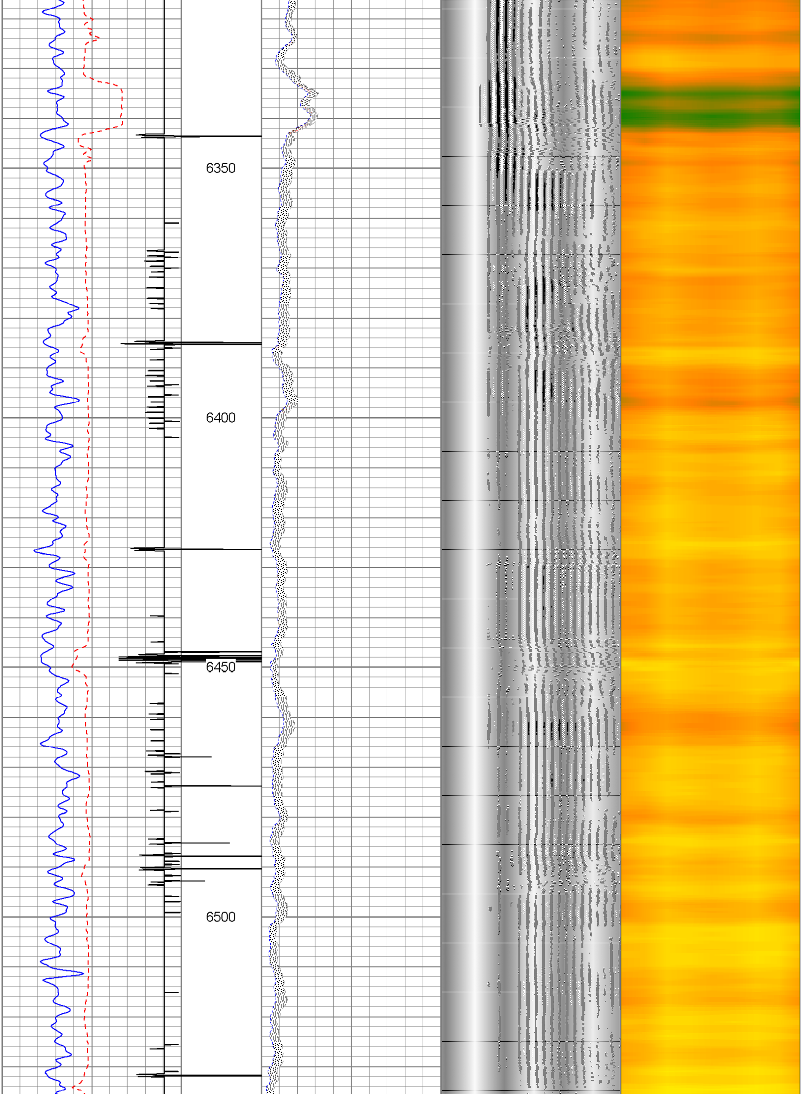
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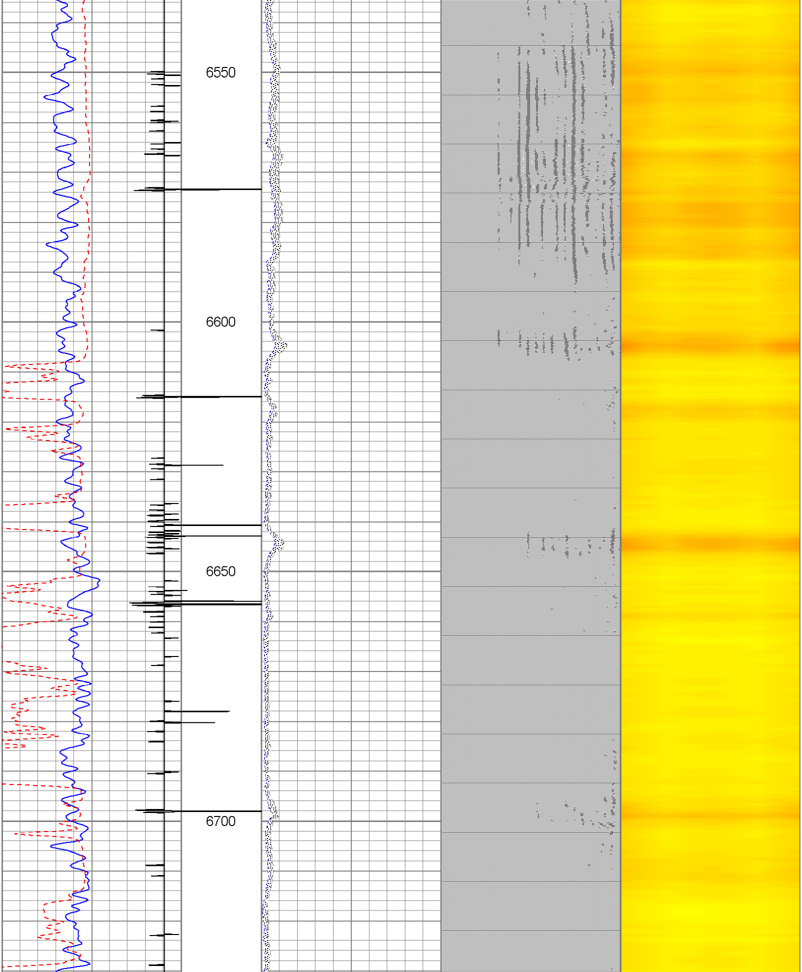
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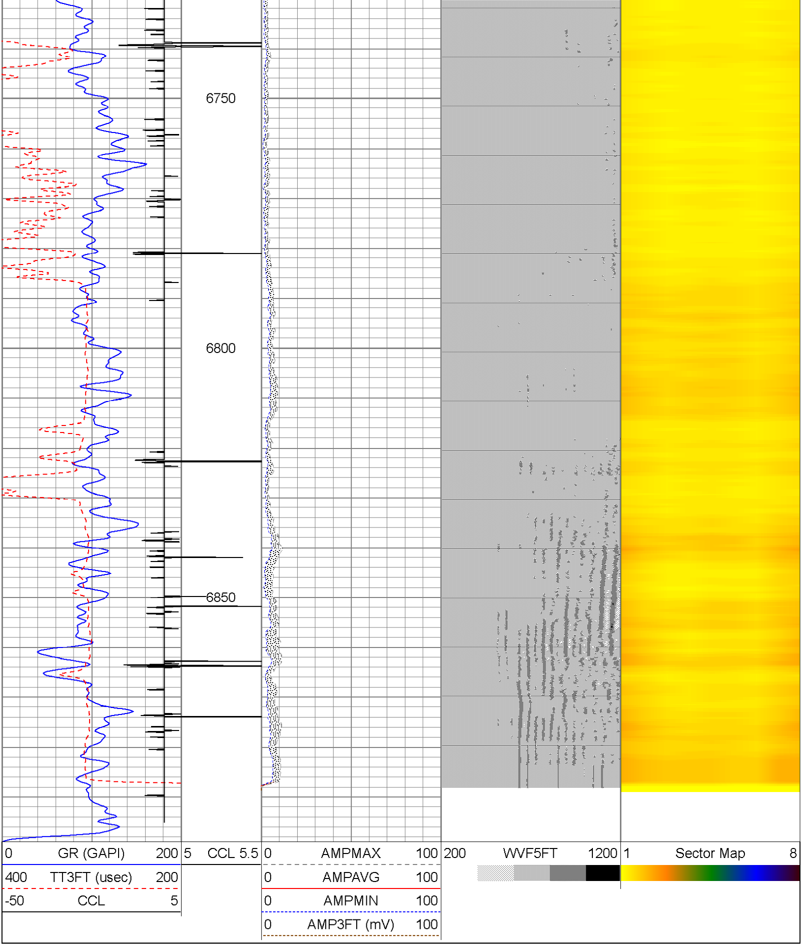
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0 AMPMIN 100
0 AMP3FT (mV) 100
200 WVF5FT 1200
1 Sector Map 8