PIONEER
Pioneer Energy Services

GAMMA RAY CCL CEMENT BOND VDL SECTOR MAP

Company	EnCana Oil & Gas (USA) Inc.
Well	Qualls 3F-28H
Field	Wattenberg
County	Weld
State	Colorado
Country	USA

API # : 05123370480000

Location: 772' FSL & 261' FWL
SWSW
SEC 28 TWP 3N RGE 68W

Other Services

			Elevation
Permanent Datum	GL	Elevation 4957	K.B. 4985
Log Measured From	KB		D.F. 4984
Drilling Measured From	KB		G.L. 4957

Company	EnCana Oil & Gas (USA) Inc.
Well	Qualls 3F-28H
Field	Wattenberg
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Date	September 25, 2013
Run Number	1
Depth Driller	11415
Depth Logger	7106
Bottom Logged Interval	7105
Top Log Interval	0
Open Hole Size	8+3/4"
Type Fluid	Drilling Mud
Density / Viscosity	12 / 46
Max. Recorded Temp.	NA
Estimated Cement Top	500'
Time Well Ready	1030
Time Logger on Bottom	1130
Equipment Number	50
Location	Brighton, CO
Recorded By	Matt Gill
Witnessed By	Tim Kennedy

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"	26 lbs	0	7148
Liner				

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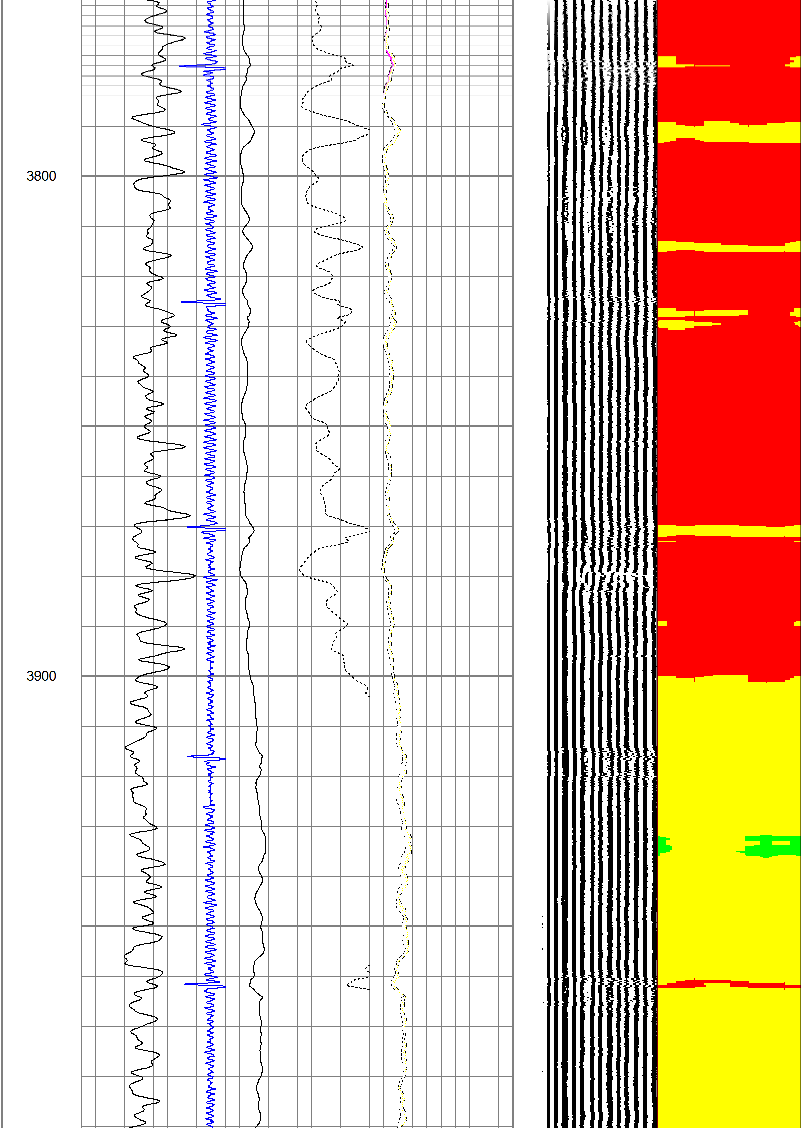
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

Thank You for using Pioneer Energy Services

Database File:	13349.db
Dataset Pathname:	final
Presentation Format:	scbl02
Dataset Creation:	Wed Sep 25 13:59:19 2013
Charted by:	Depth in Feet scaled 1:240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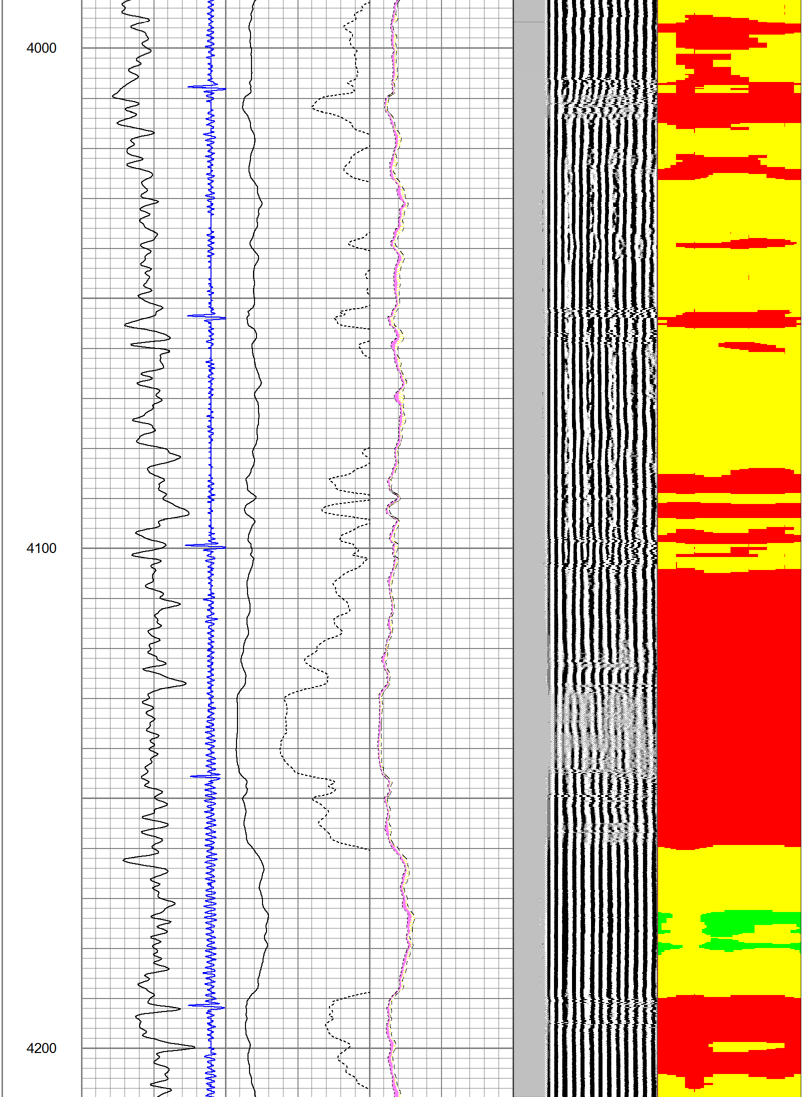
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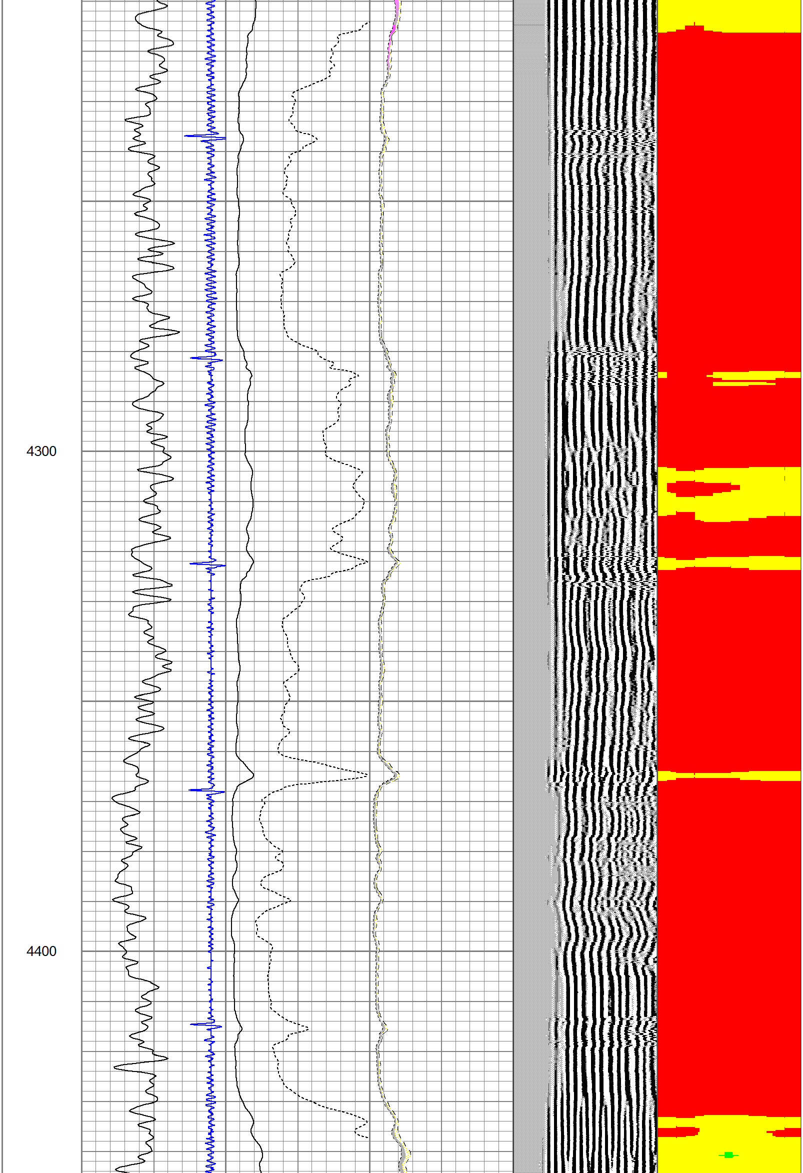
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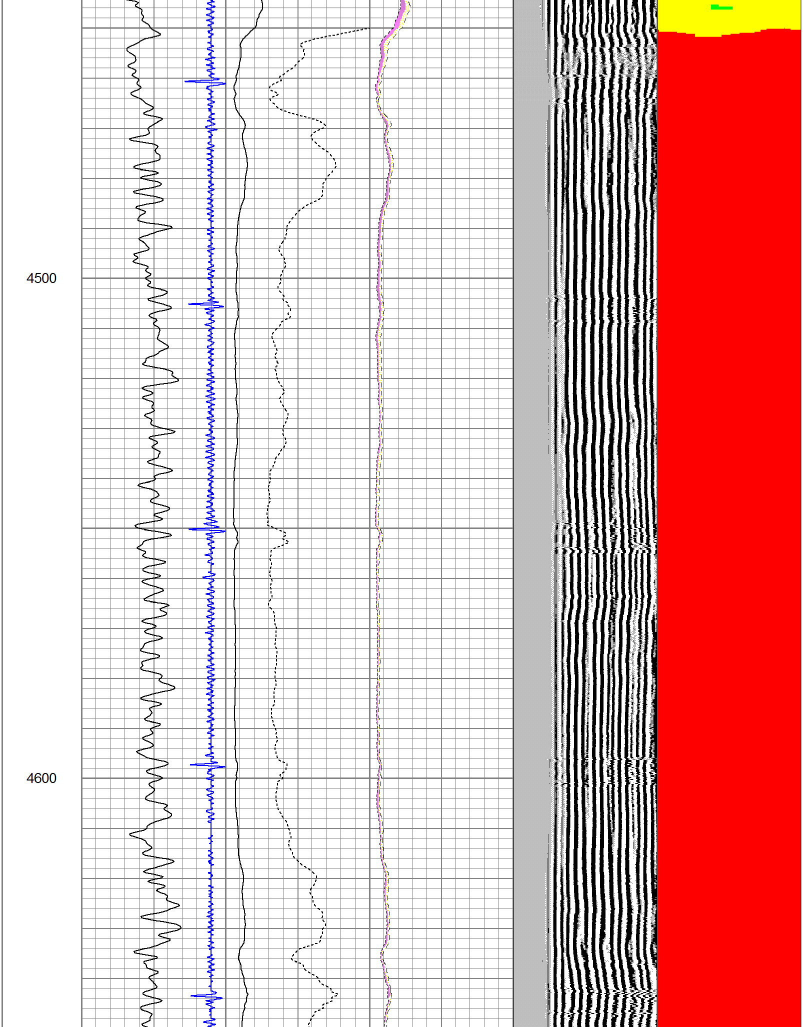
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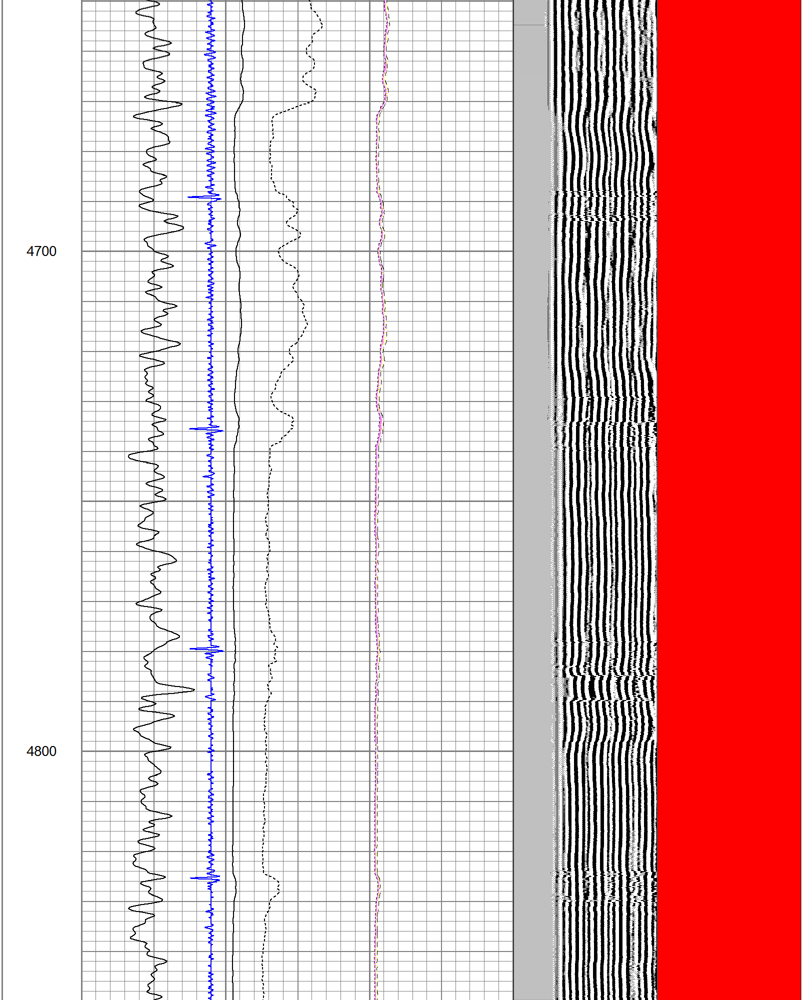
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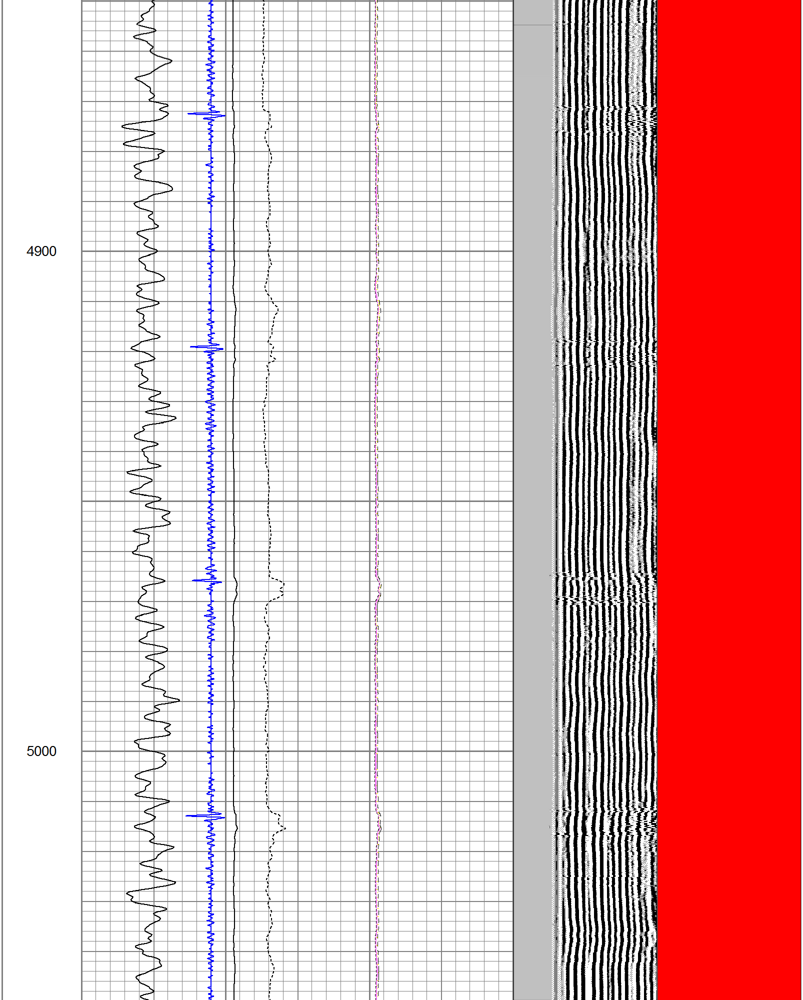
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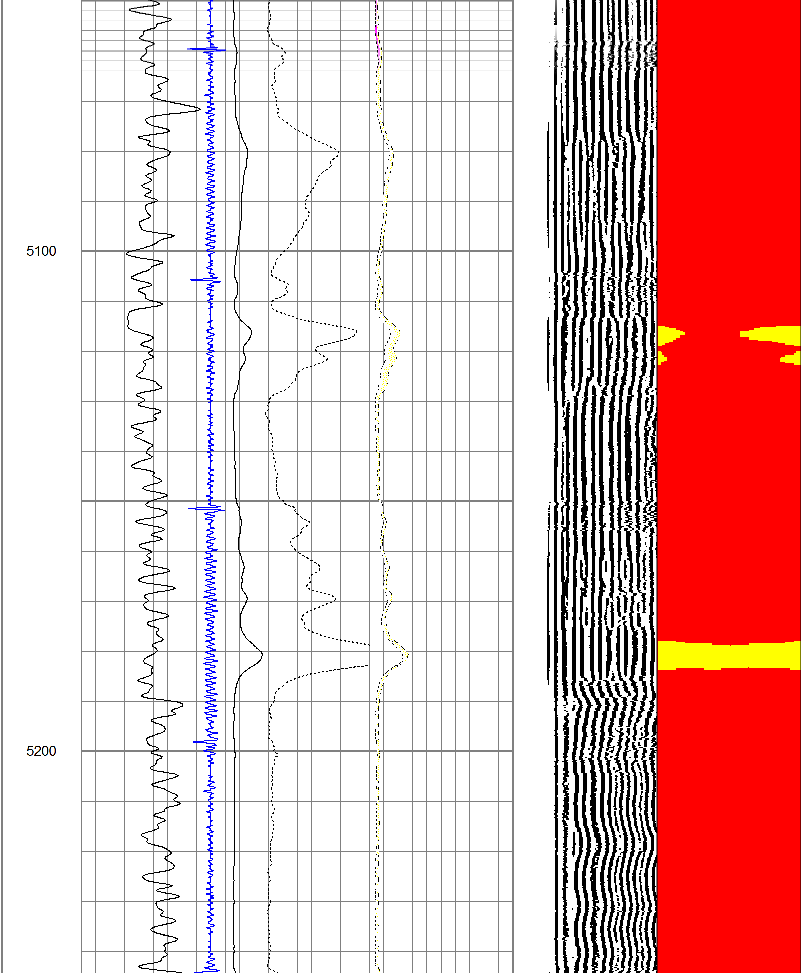
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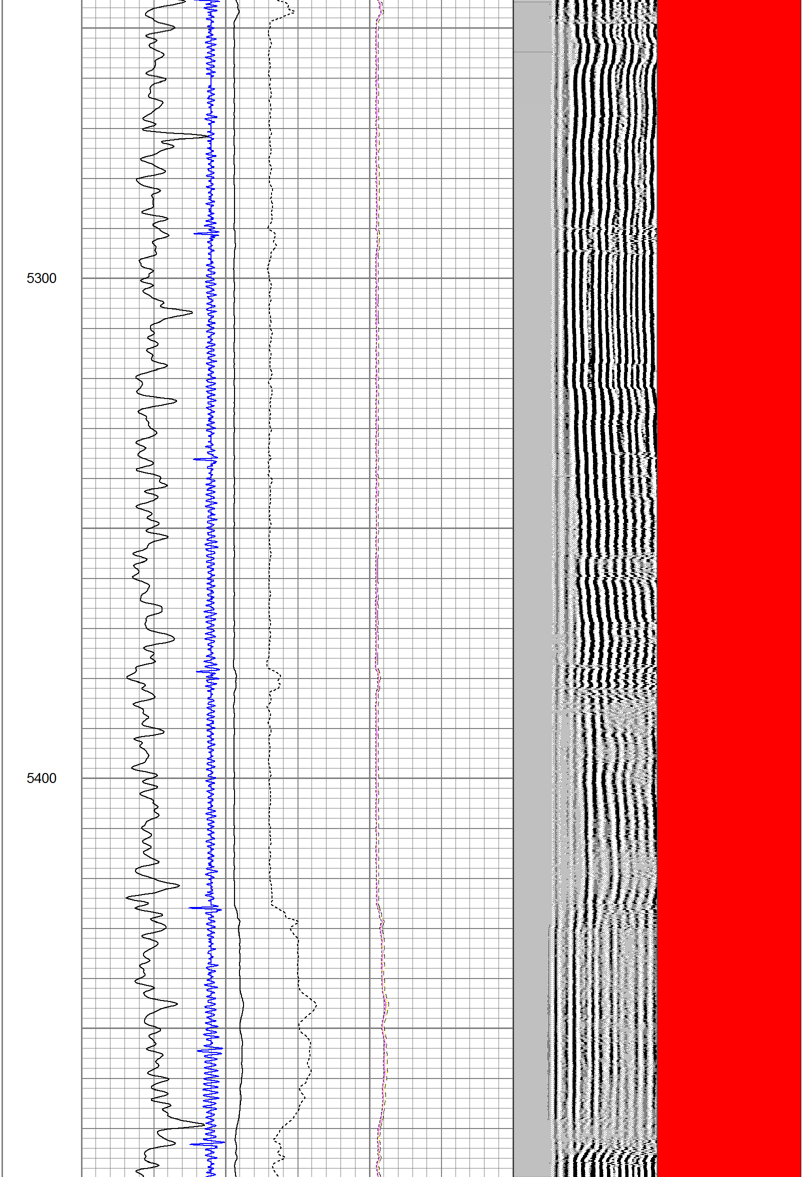
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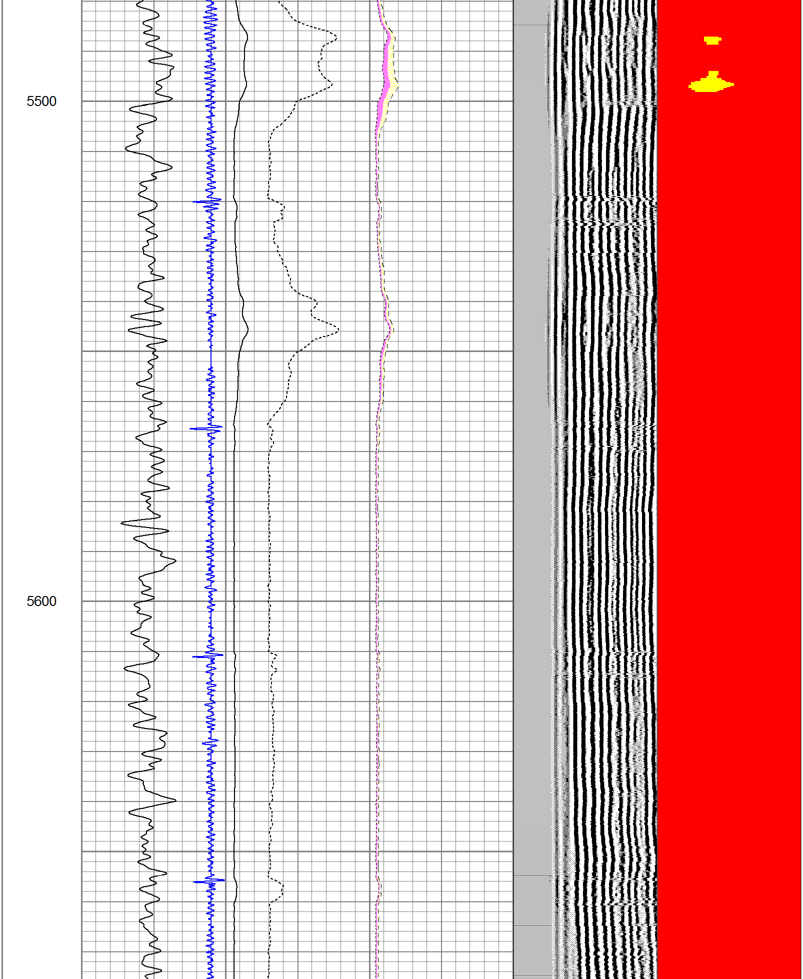
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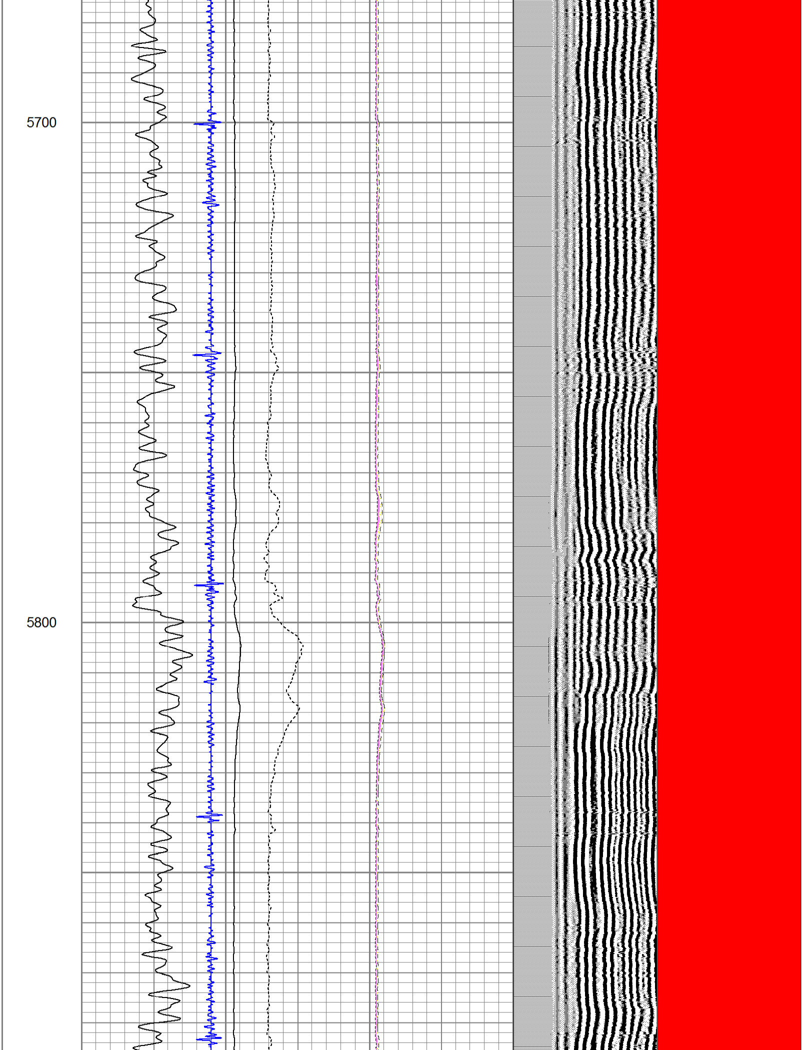
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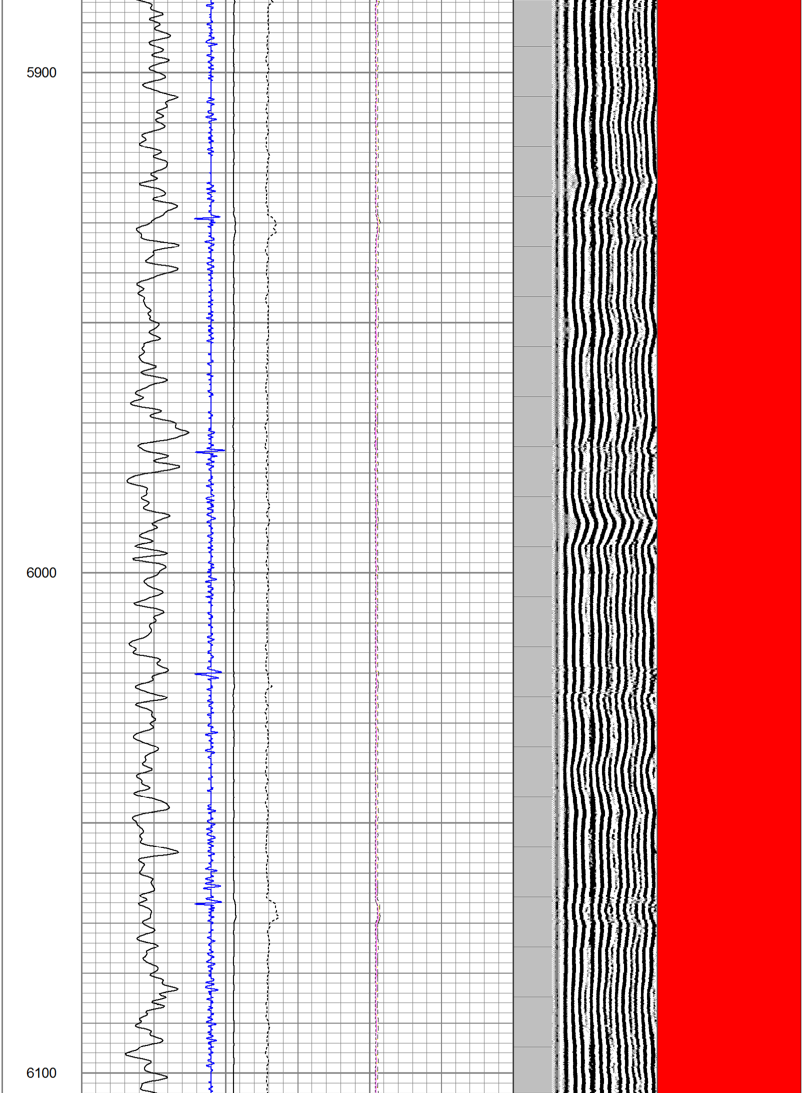

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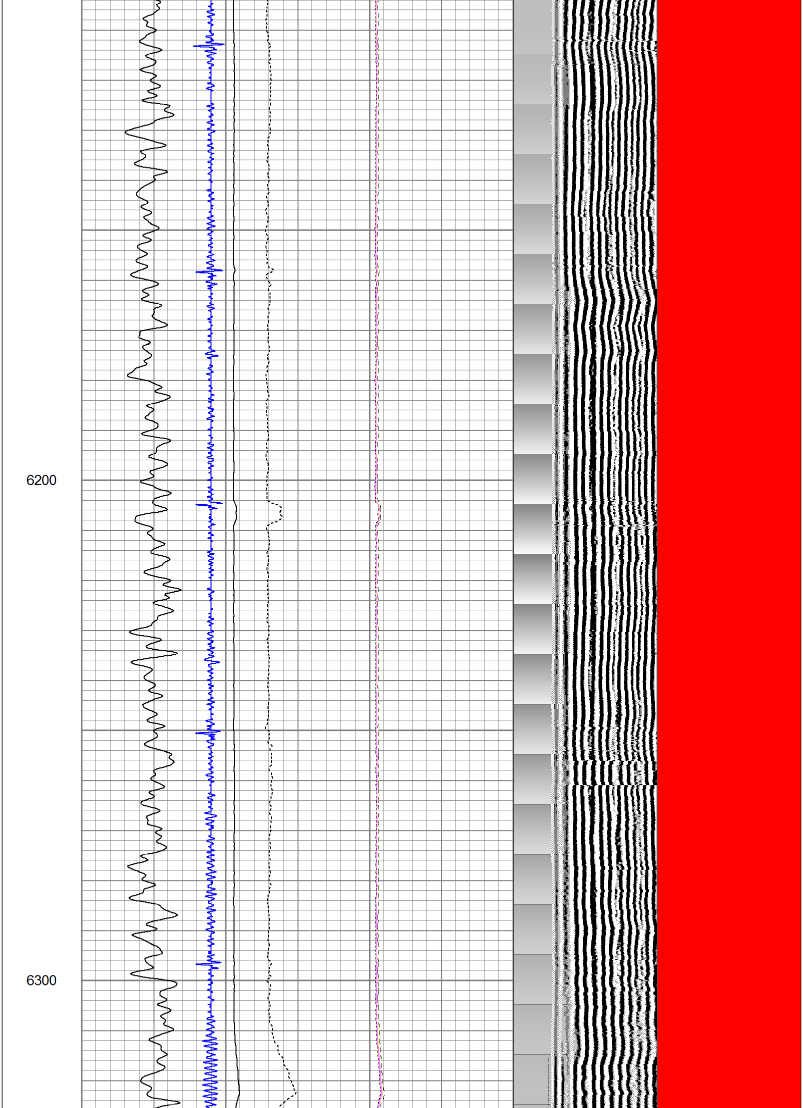
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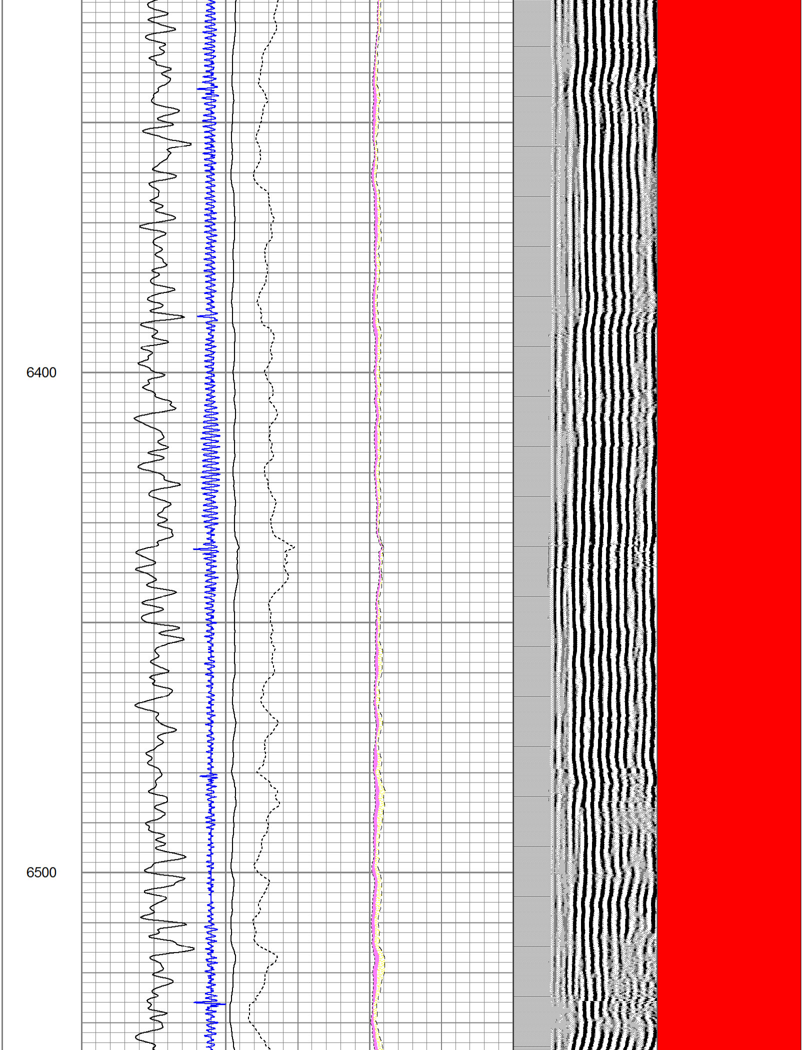
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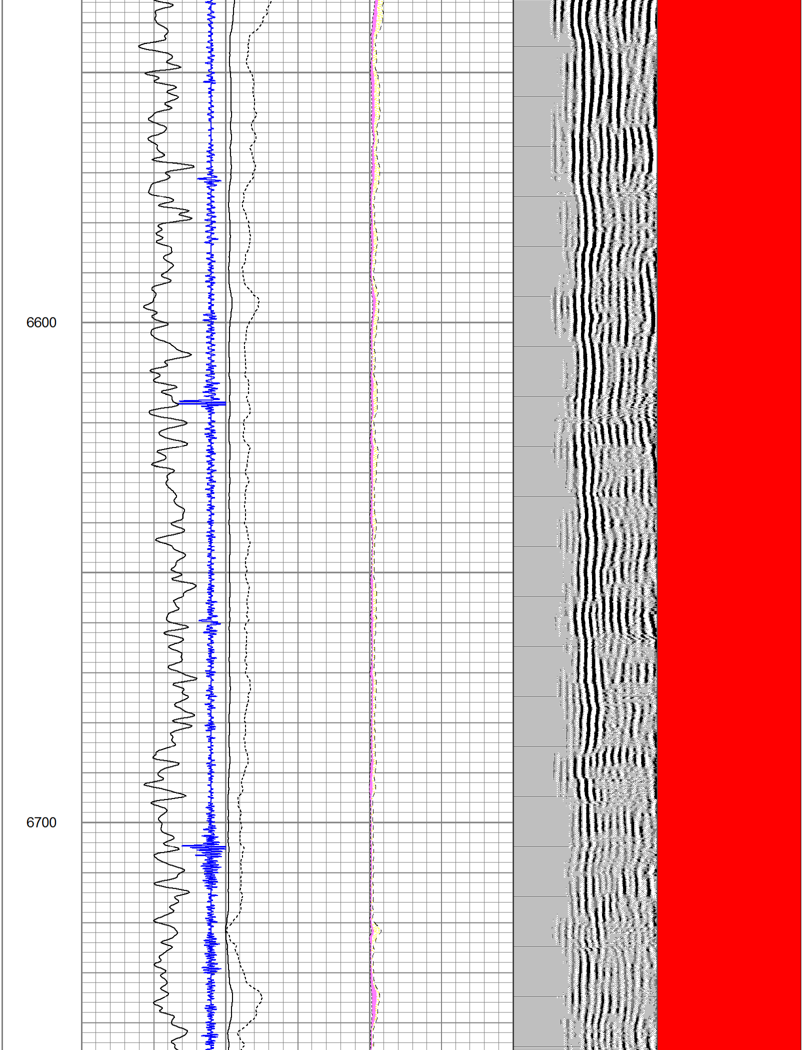
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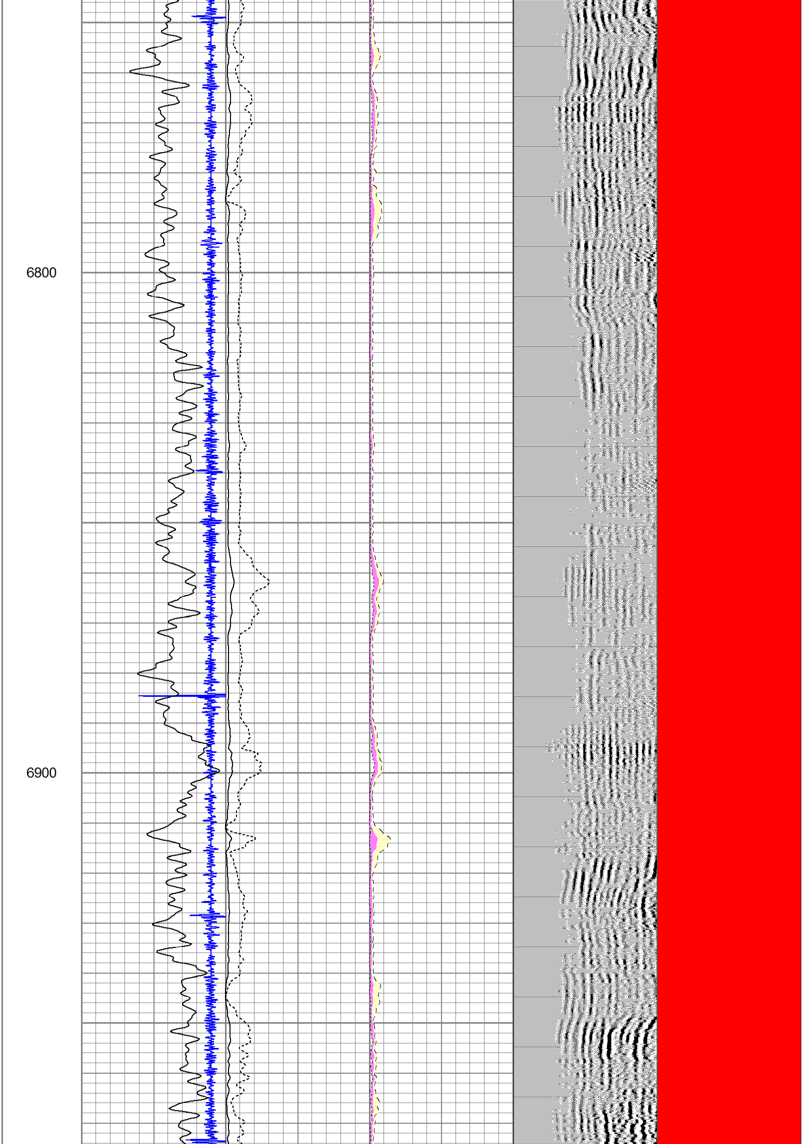
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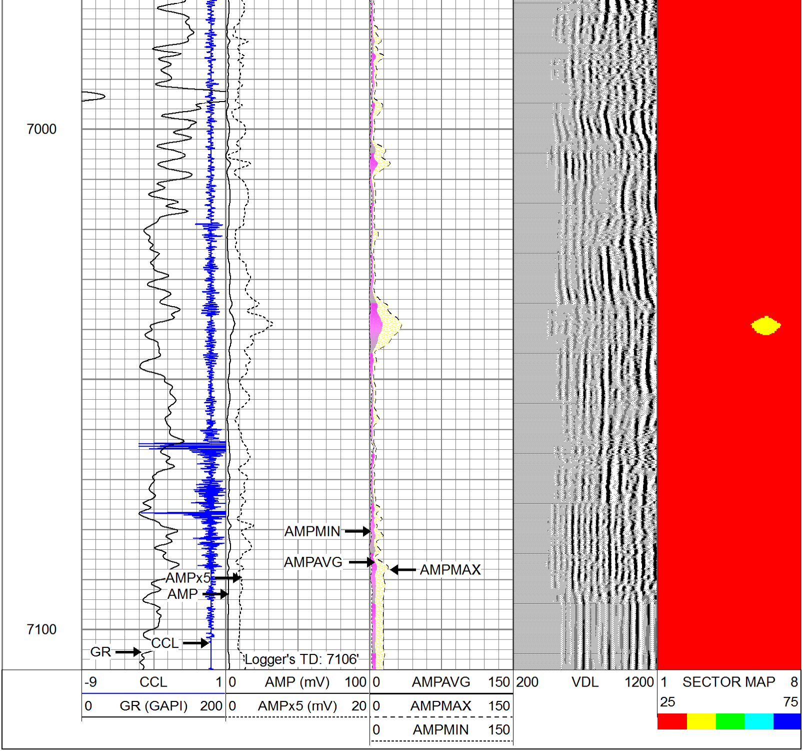
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AMPAVG
AMPMAX
AMPx5
AMP
CCL
GR
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-9 CCL 1
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0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
200 VDL 1200
1 SECTOR MAP 8
25
75