PIONEER

Pioneer Energy Services

GAMMA RAY CCL
CEMENT BOND VDL
SECTOR MAP

Company	EnCana Oil & Gas (USA) Inc.
Well	Marcus State 3D-36H (M2660
Field	Wattenberg
County	Weld
State	Colorado

Country USA

Company EnCana Oil & Gas (USA) Inc.
Well Marcus State 3D-36H (M2660
Field Wattenberg
County Weld
State Colorado Country USA

Location: API # : 05123374390000

317' FSL & 1344' FWL
SWSW

SEC 36 TWP 2N RGE 66W

Other Services

Permanent Datum	GL	Elevation	5039
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5052
D.F. 5051
G.L. 5039

Date	September 15, 2013		
Run Number	1		
Depth Driller	11900		
Depth Logger	7580		
Bottom Logged Interval	7579		
Top Log Interval	0		
Open Hole Size	8+3/4"		
Type Fluid	Drilling Mud		
Density / Viscosity	10.6 / 36		
Max. Recorded Temp.	NA		
Estimated Cement Top	500'		
Time Well Ready	1815		
Time Logger on Bottom	1930		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Matt Gill		
Witnessed By	Dennis Elrod		

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	7624
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

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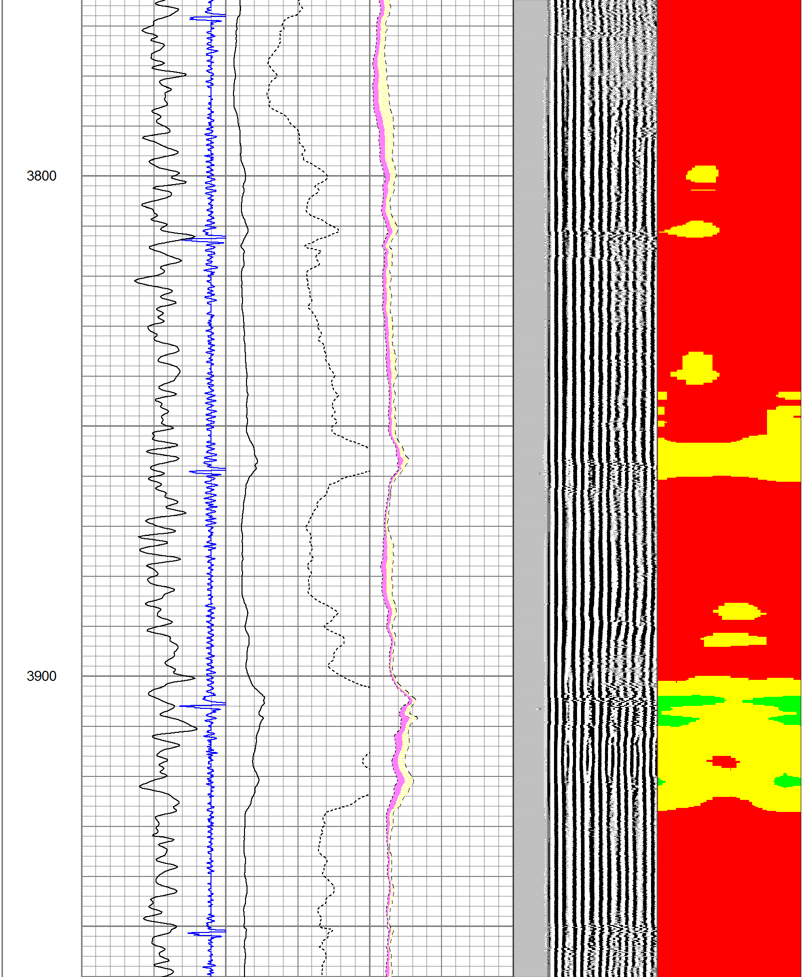
Presentation Format: scbl02
Dataset Creation: Sun Sep 15 21:19:37 2013
Charted by: Depth in Feet scaled 1:240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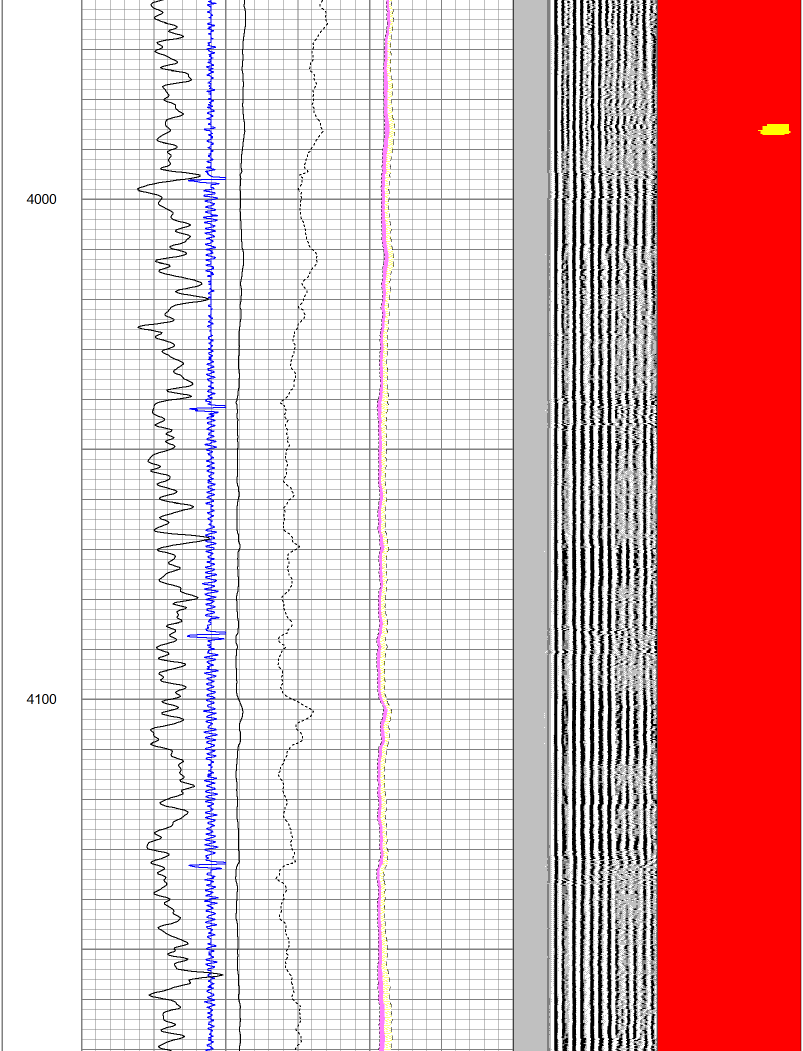
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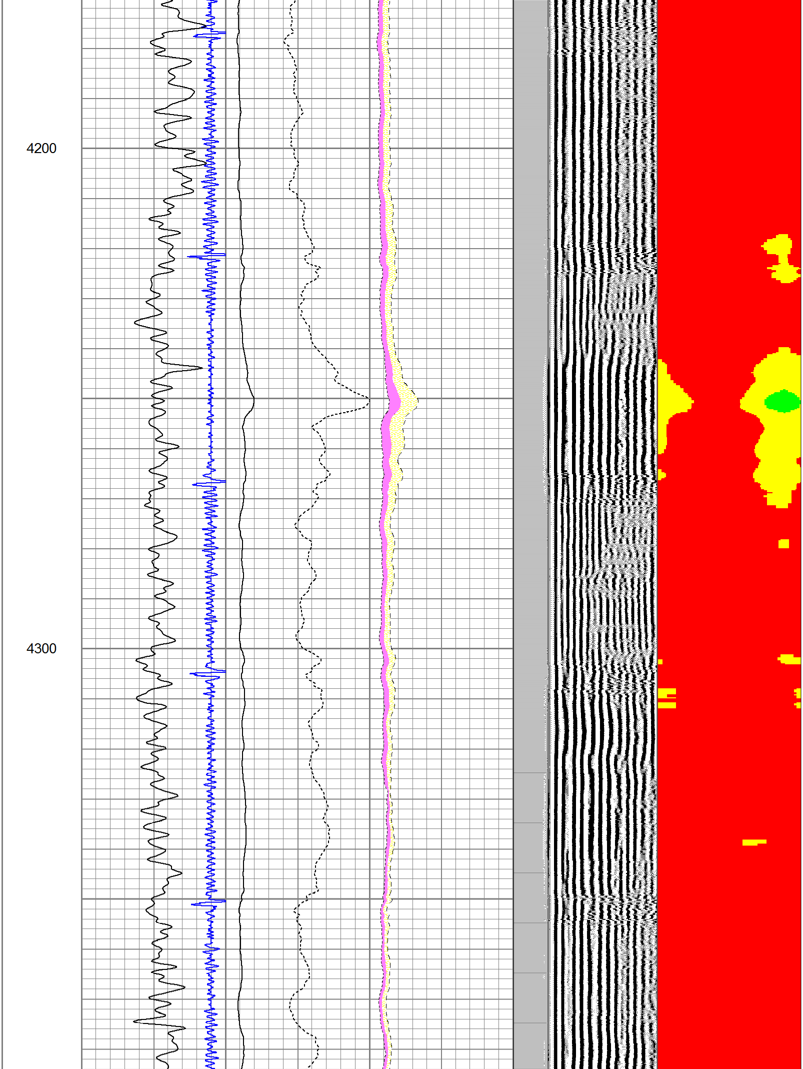
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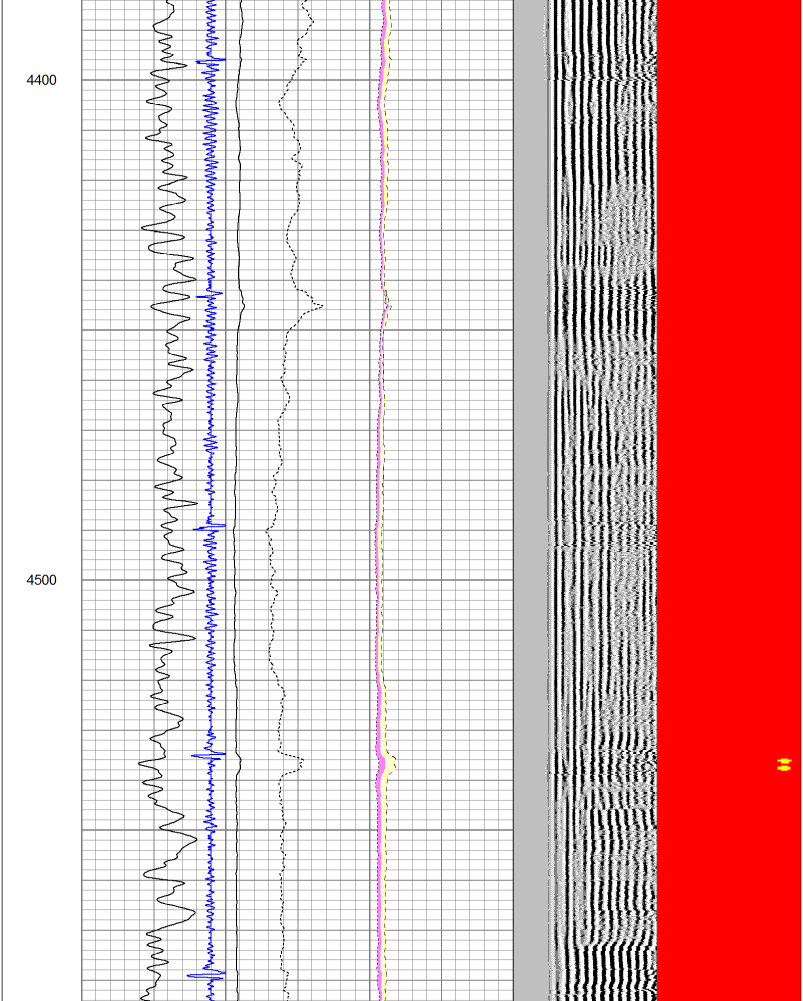
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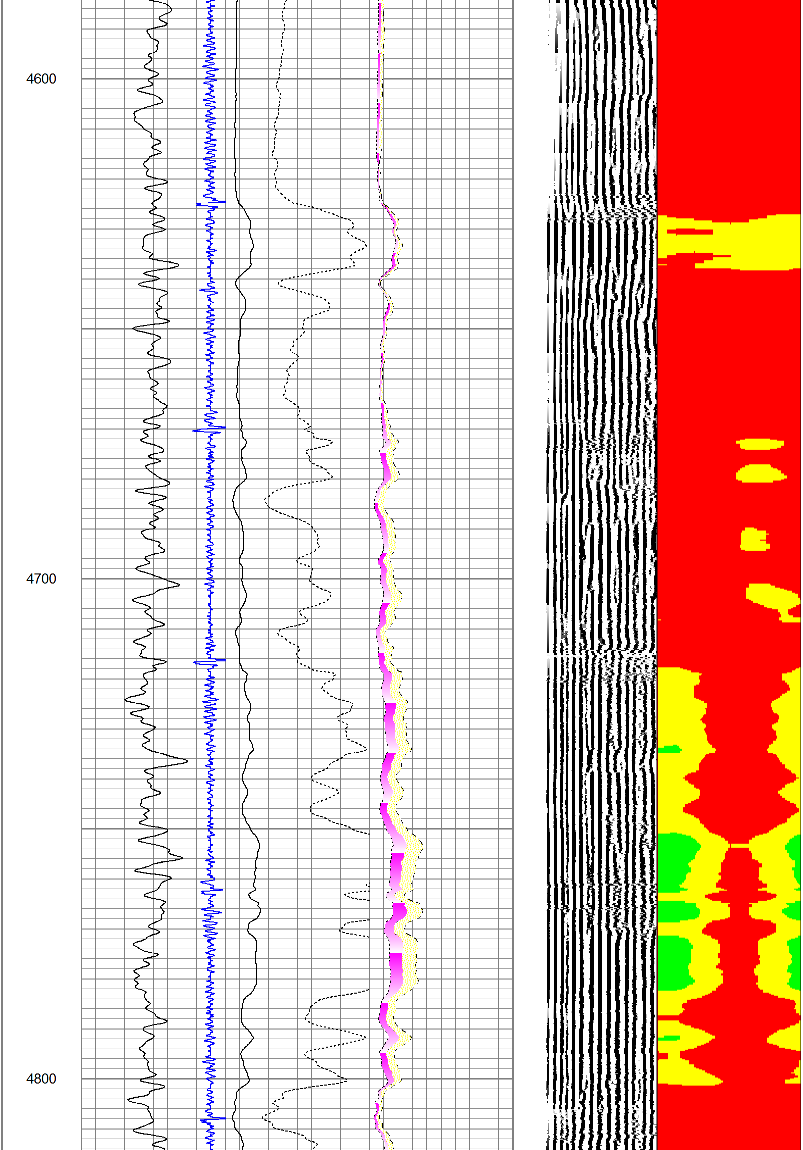
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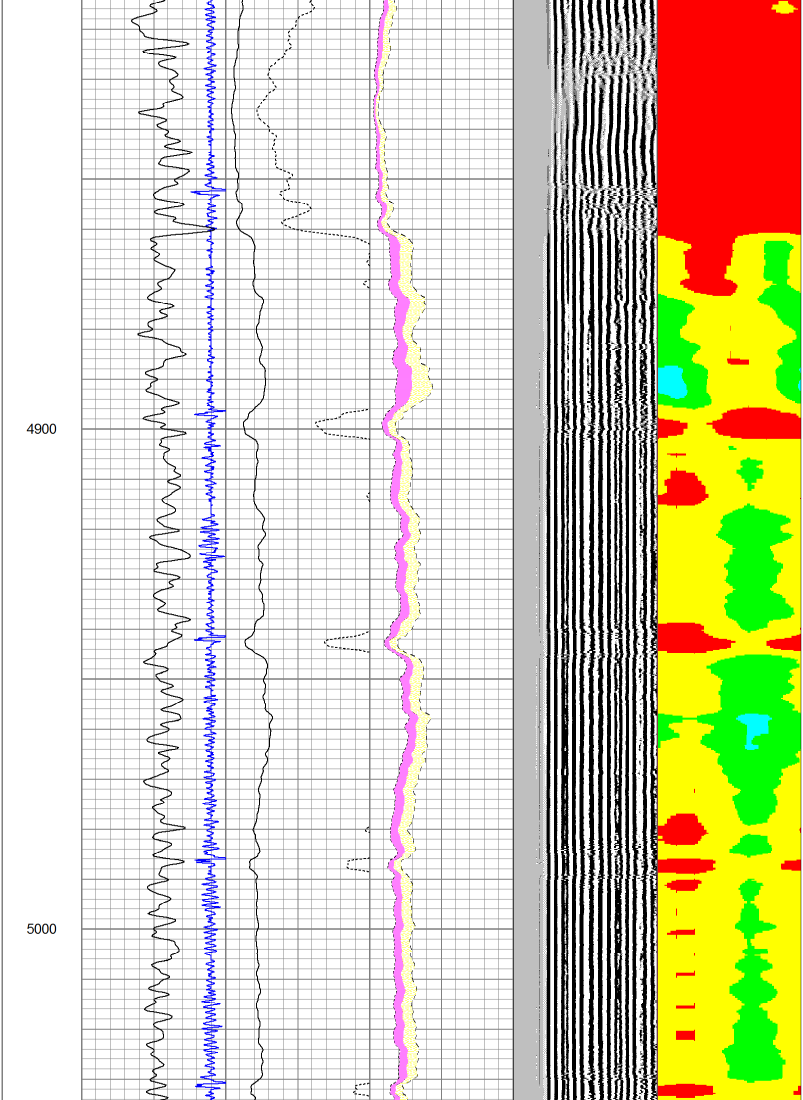
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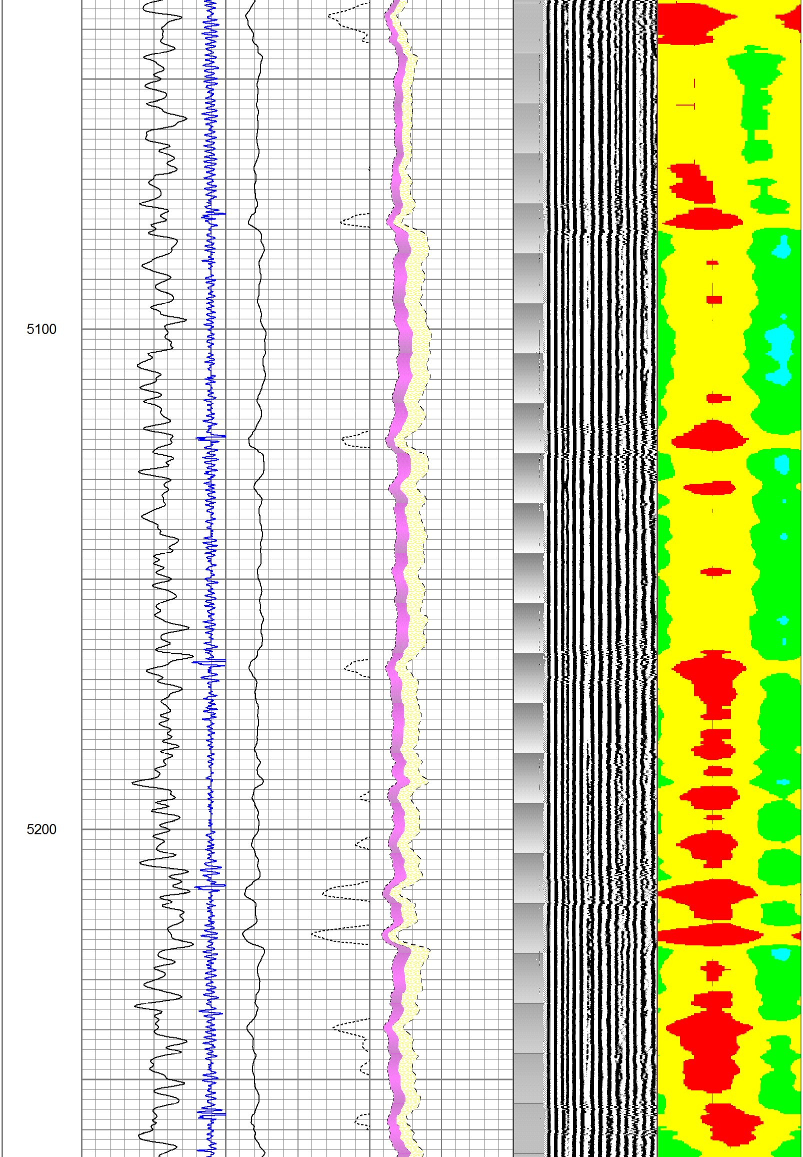
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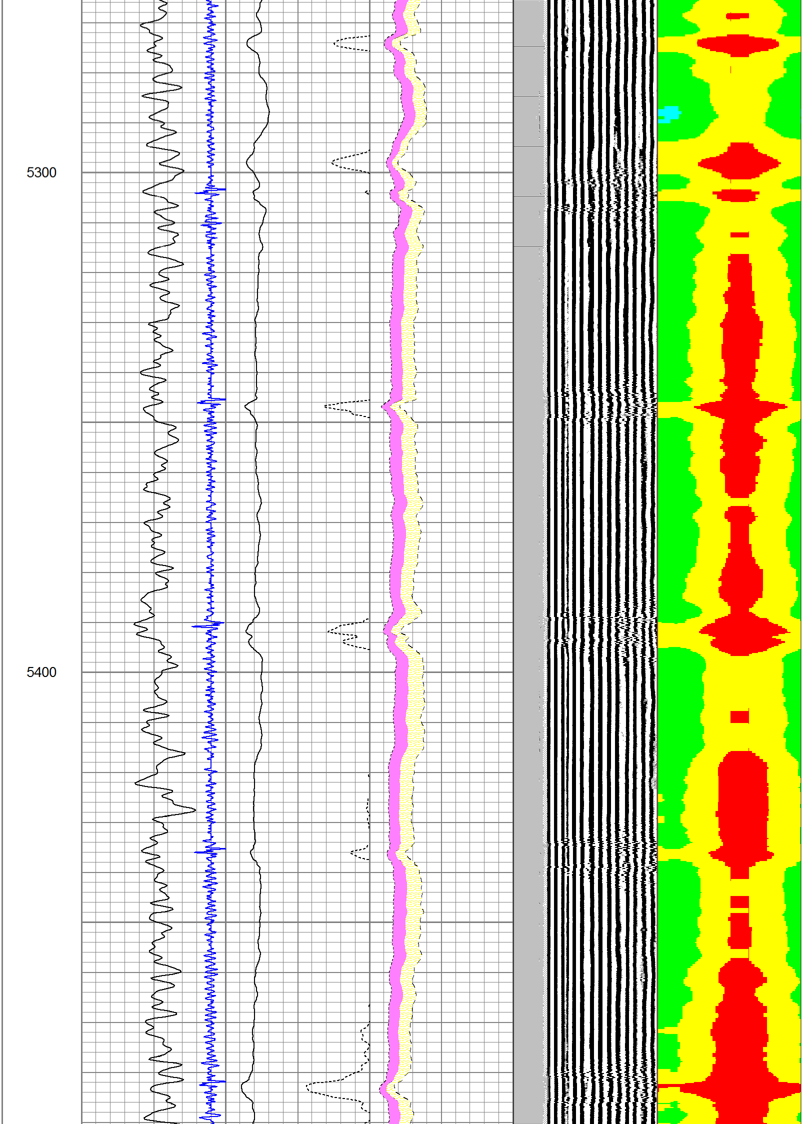
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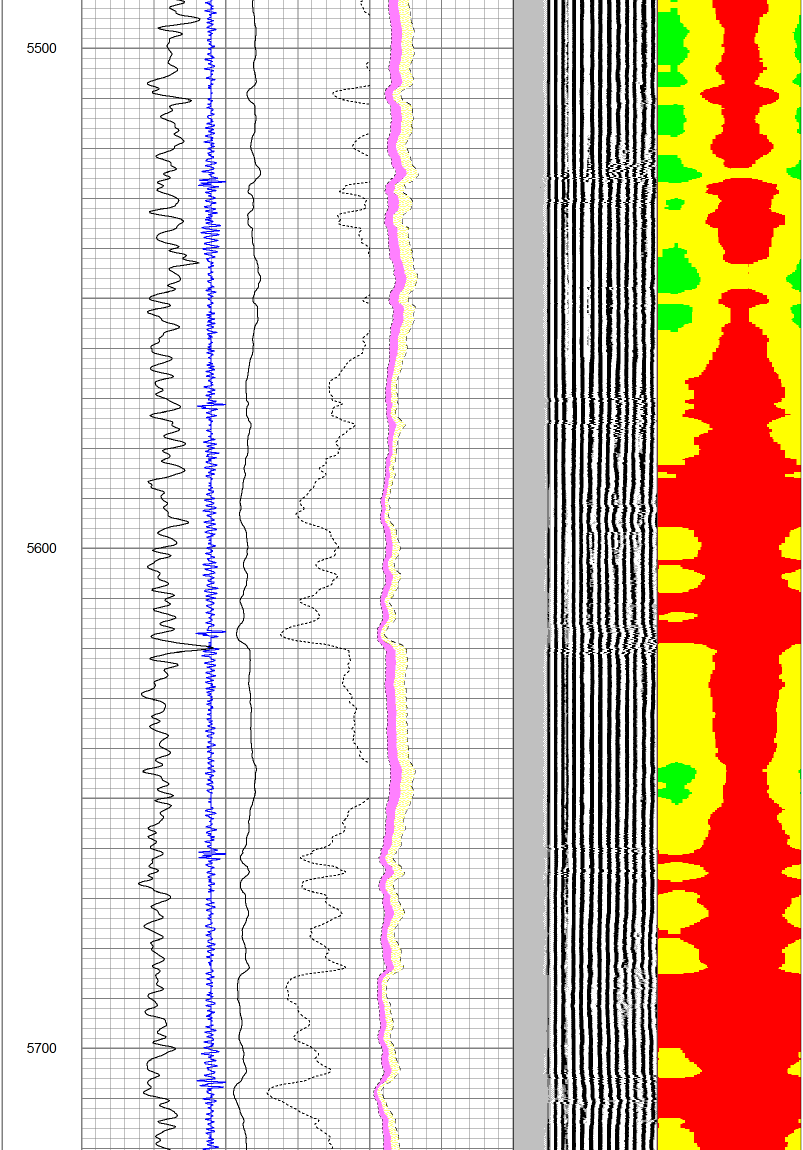
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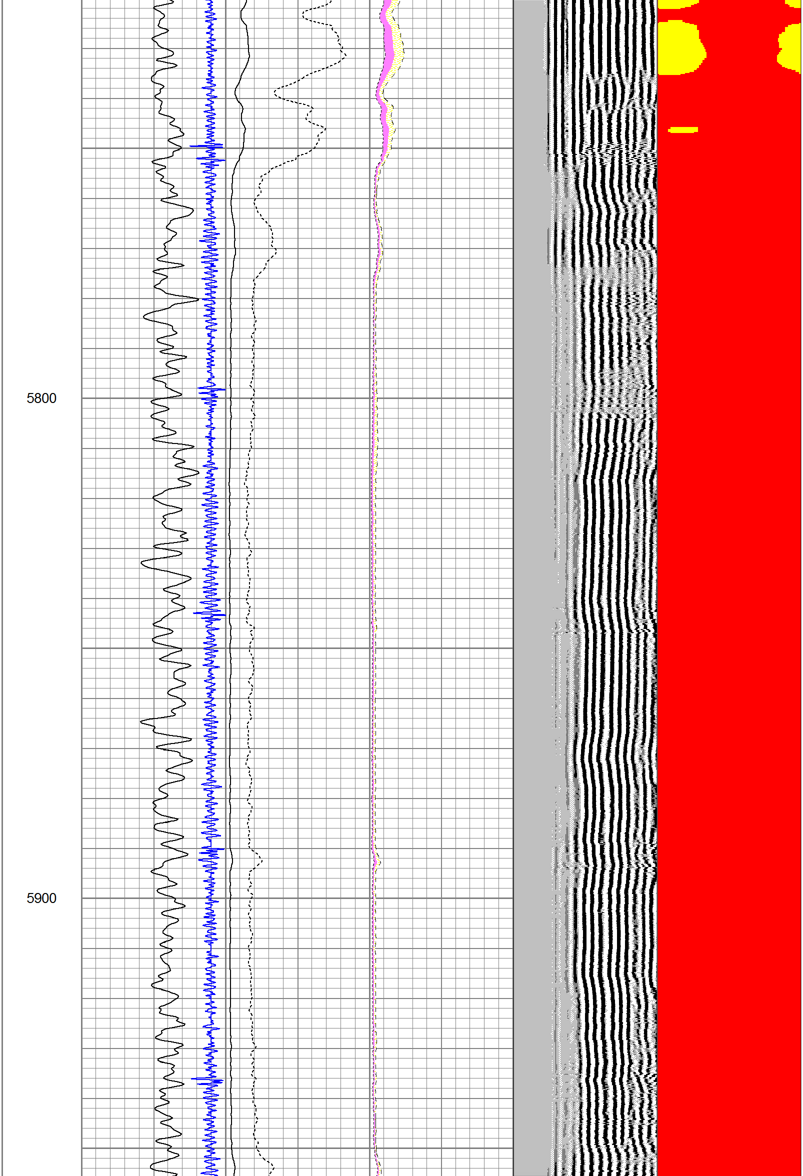
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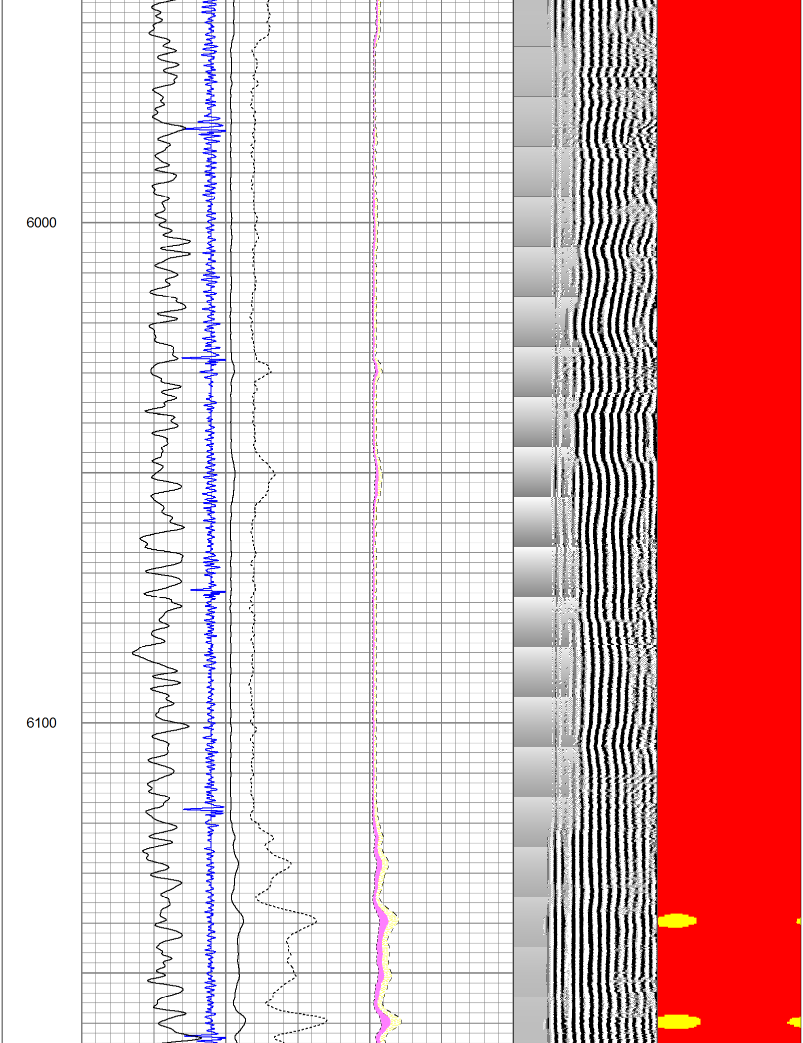
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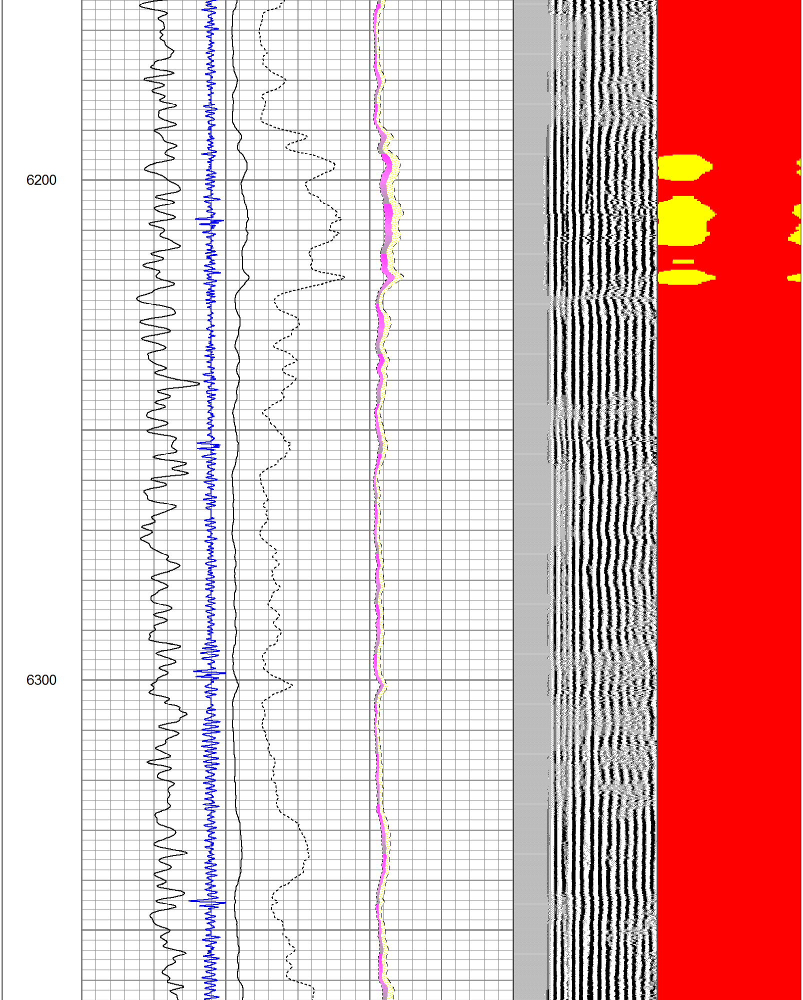
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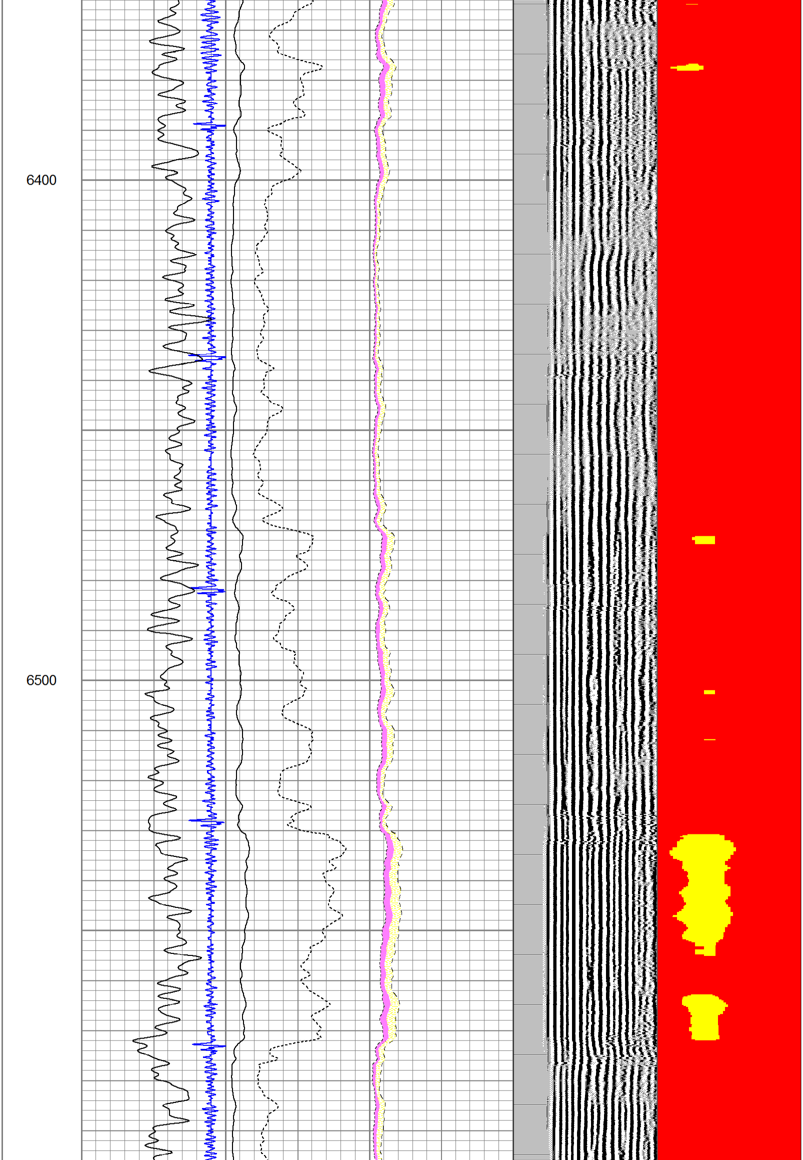
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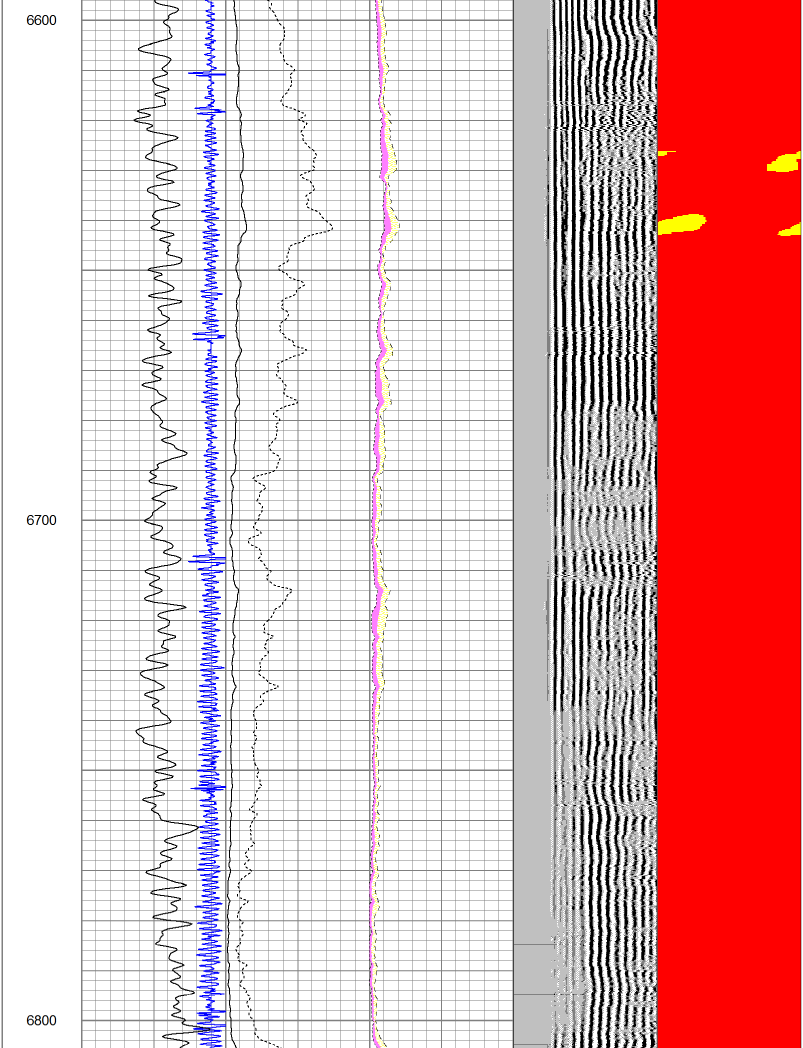
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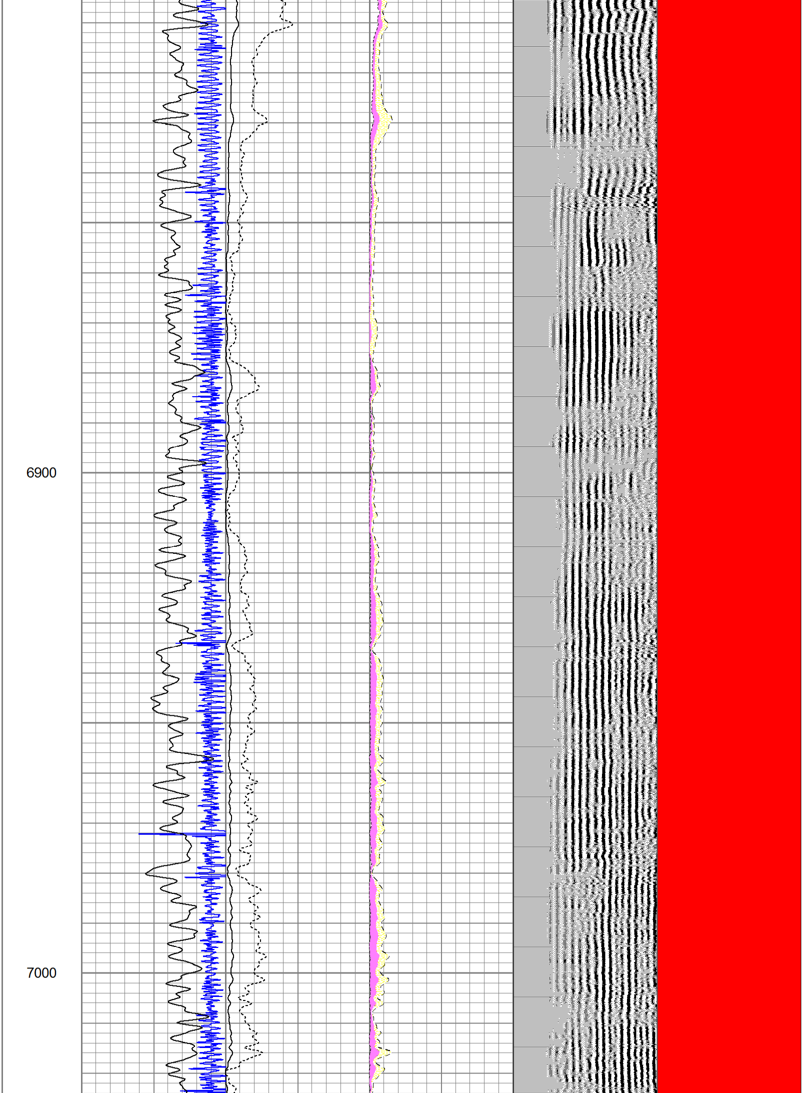
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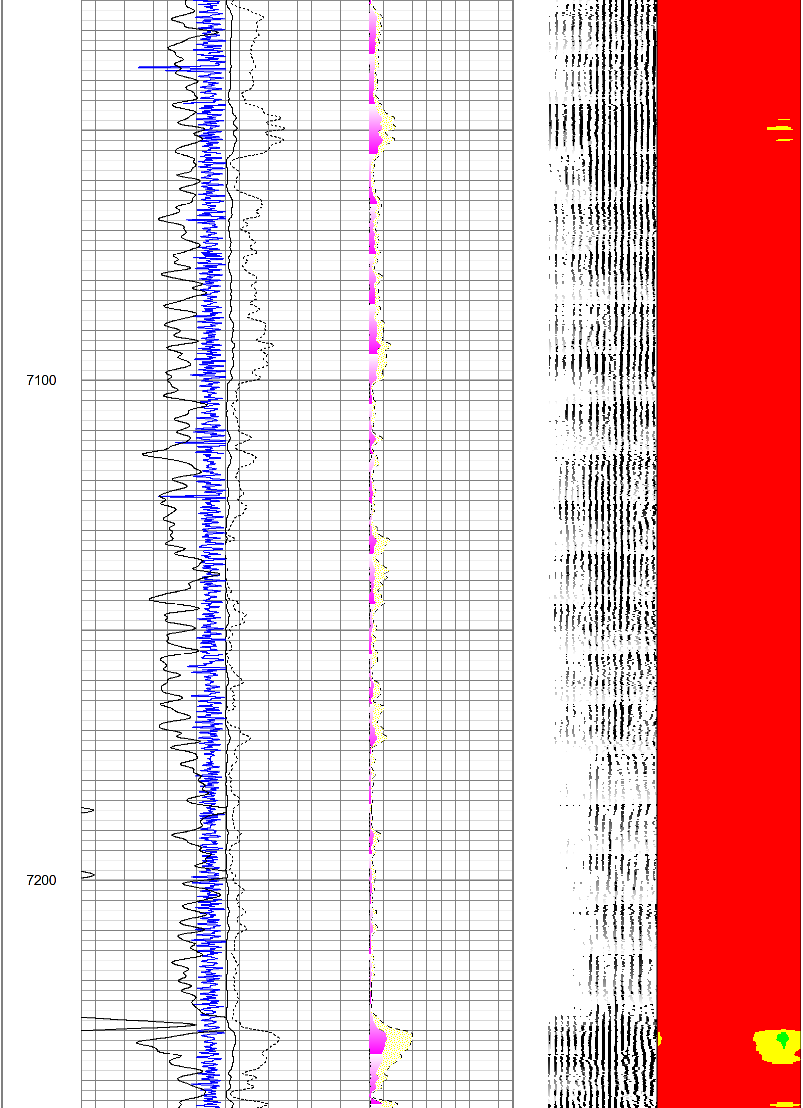
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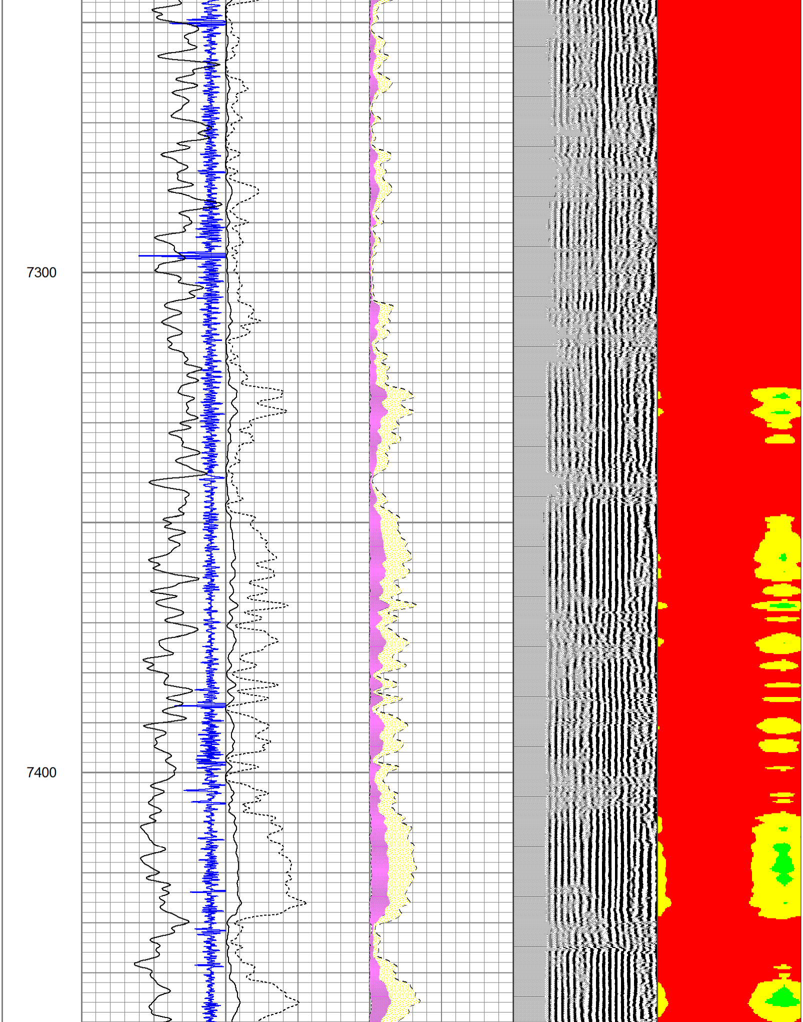
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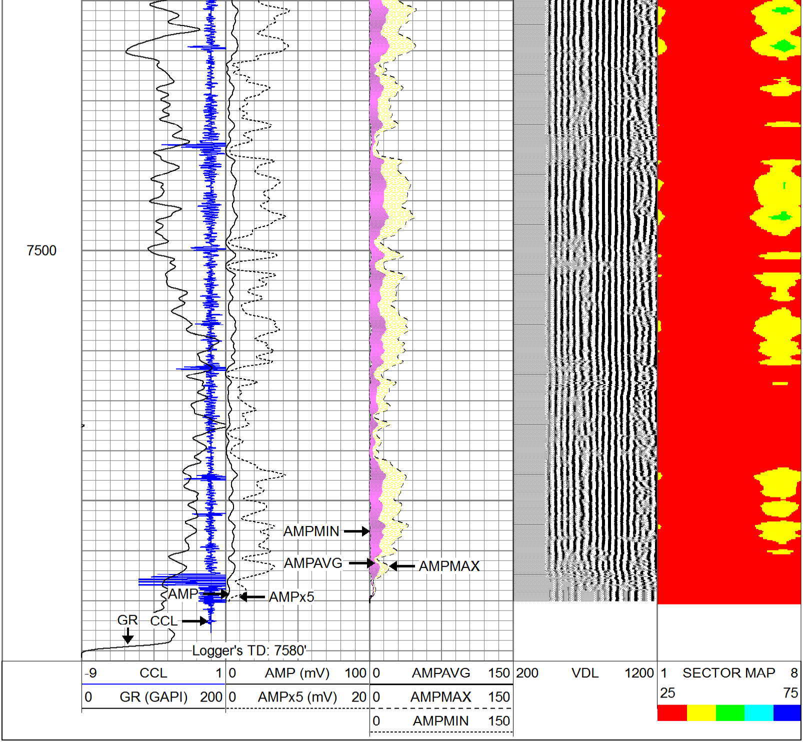
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AMPMIN
AMPAVG
AMPMAX
AMP
AMPx5
GR
CCL
Logger's TD: 7580'
-9 CCL 1
0 GR (GAPI) 200
0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
200 VDL 1200
1 SECTOR MAP 8
25 75