PIONEER
Pioneer Energy Services

GAMMA RAY CCL
CEMENT BOND VDL
SECTOR MAP

Company EnCana Oil & Gas (USA) Inc.
Well State 3B-16H
Field Wattenberg
County Weld
State Colorado Country USA

Location:
API # : 05123375130000
1350' FSL & 258' FWL
NWSW
SEC 16 TWP 3N RGE 68W

Other Services
None

Permanent Datum GL Elevation 5059
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 5087
D.F. 5086
G.L. 5059

Company EnCana Oil & Gas (USA) Inc.
Well State 3B-16H
Field Wattenberg
County Weld
State Colorado Country USA

Date	November 14, 2013
Run Number	1
Depth Driller	11670
Depth Logger	7416
Bottom Logged Interval	7414
Top Log Interval	0
Open Hole Size	8-3/4"
Type Fluid	Drilling Mud
Density / Viscosity	10.5 / 40
Max. Recorded Temp.	NA
Estimated Cement Top	500'
Time Well Ready	0600
Time Logger on Bottom	0700
Equipment Number	50
Location	Brighton, CO
Recorded By	Matt Gill
Witnessed By	Eric Eddy

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	7498'
Liner				

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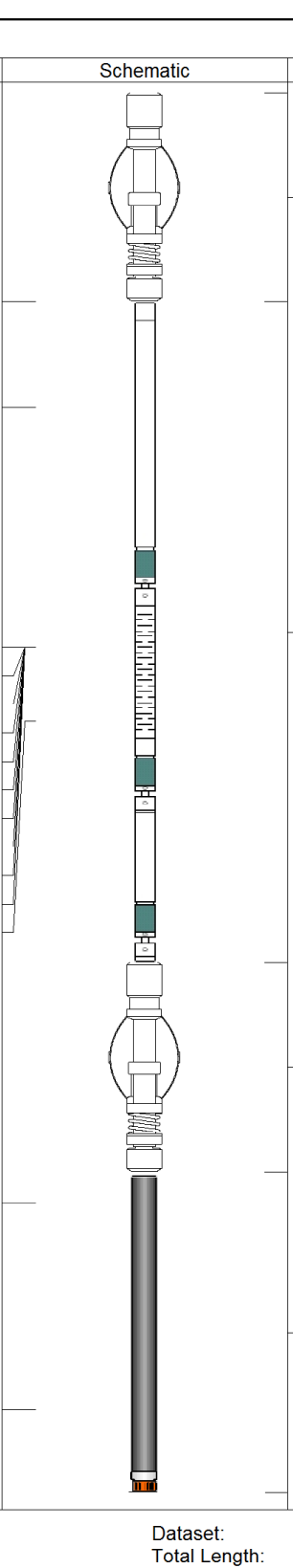
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages,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

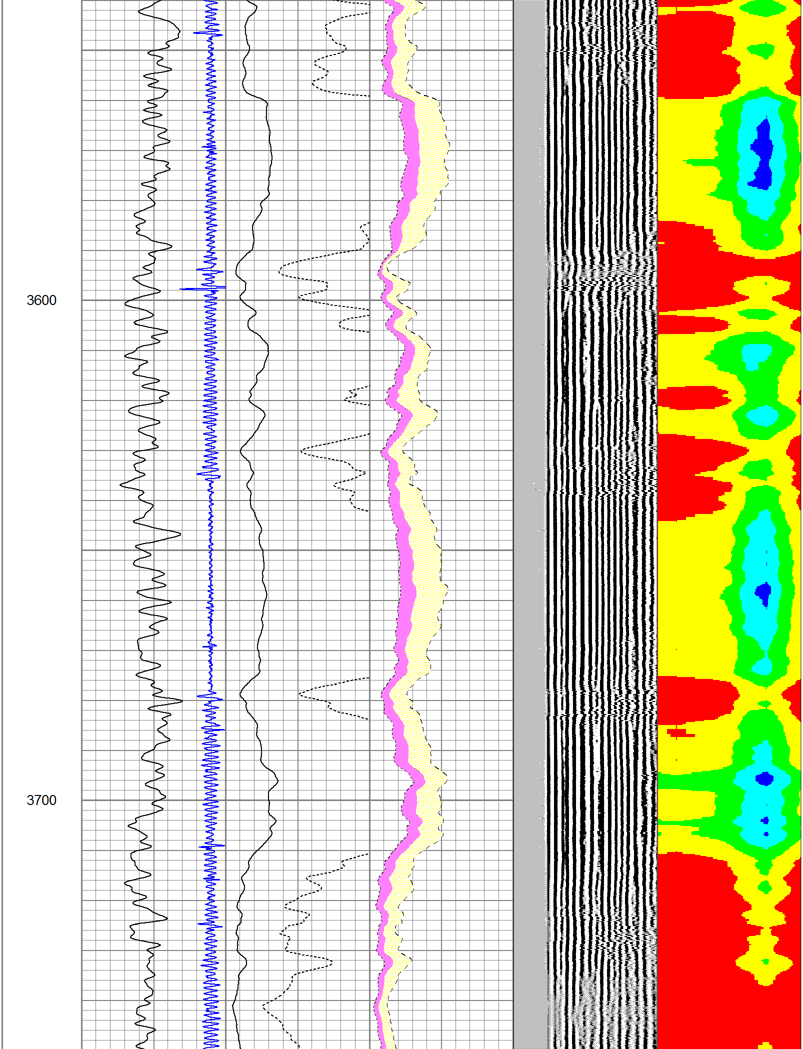
Comments

Thank You for using Pioneer Energy Services
HP Drilling Rig 278

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CENT #2 -A (1)	2.83	2.75	20.00
HEADVOLT	16.08					
IntTemp	14.66					
WVF3FT	11.41		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFCAL	11.41					
WVFS1	11.41					
WVFS2	11.41					
WVFS3	11.41					
WVFS4	11.41					
WVFS5	11.41					
WVFS6	11.41					
WVFS7	11.41					
WVFS8	11.41					
WVF5FT	10.41					
			CENT-A (1)	2.83	2.75	20.00
CCL	3.92					
			GR-probe 2.75 (111205) Probe Digital CCL Gamma	4.33	2.75	100.00
GR	1.13					

Dataset: 13367.db: field/well/run1/pass2
Total Length: 18.91 ft
Total Weight: 230.00 lb
O.D. 2.75 in

Database File: 13367.db
Dataset Pathname: final
Presentation Format: scbl02
Dataset Creation: Thu Nov 14 08:19:13 2013 by Calc 0
Charted by: Depth in Feet scaled 1:240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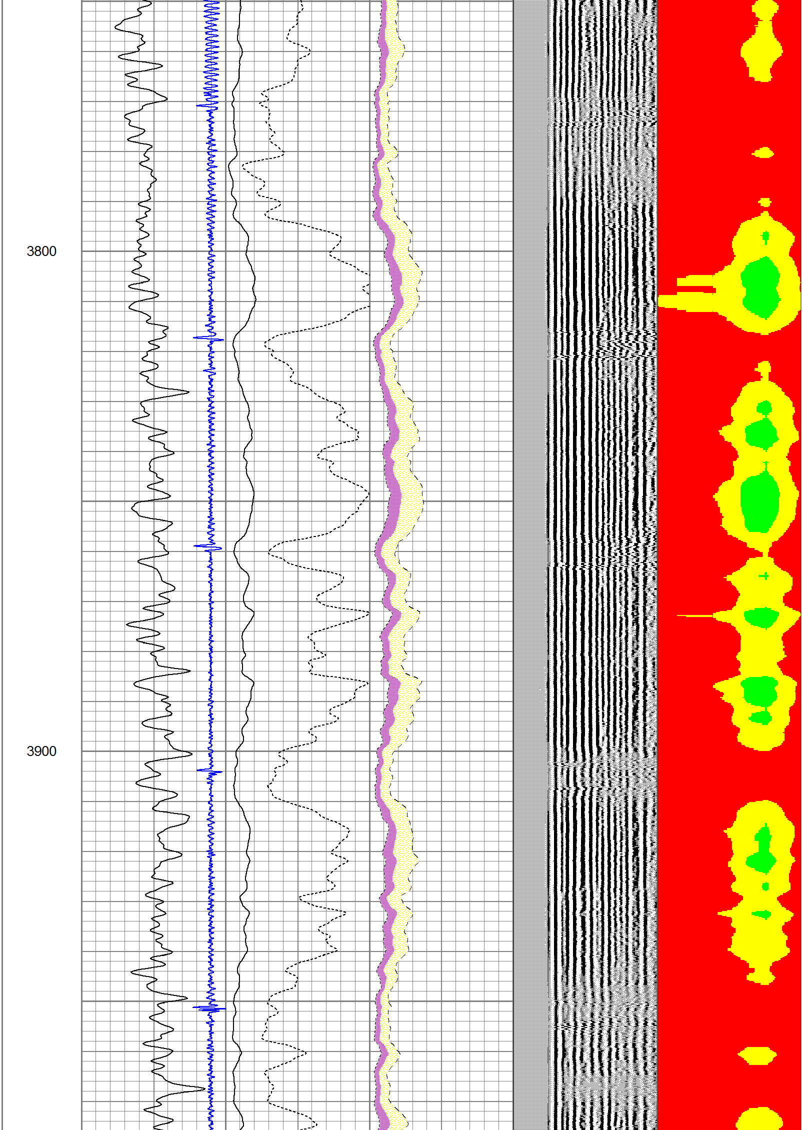
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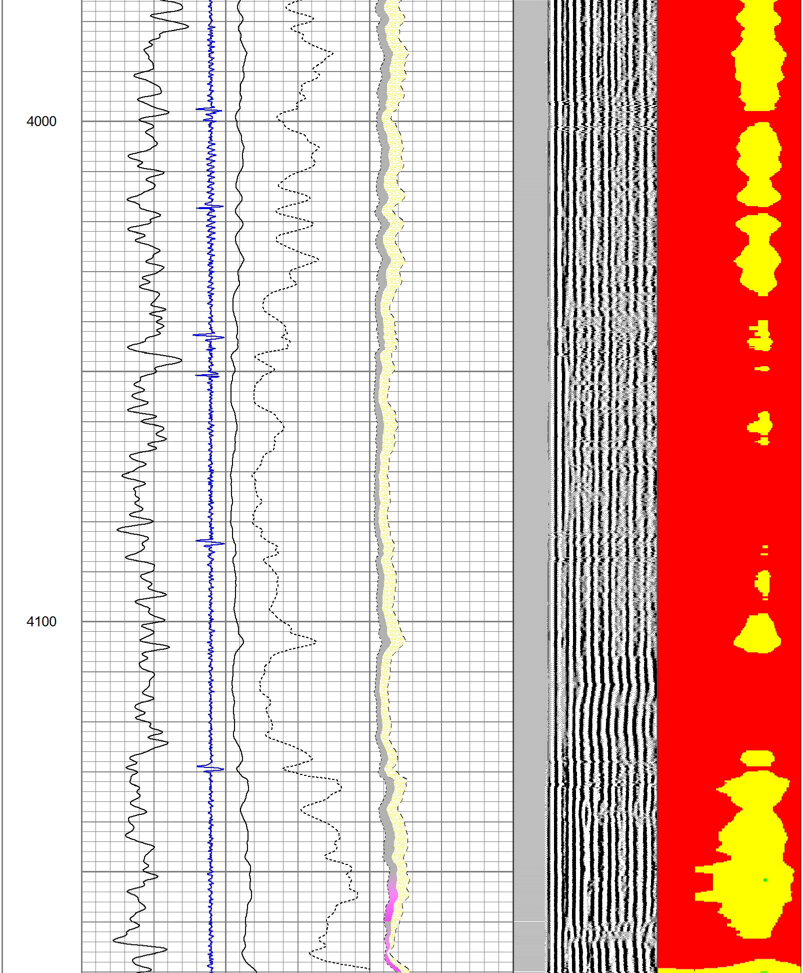
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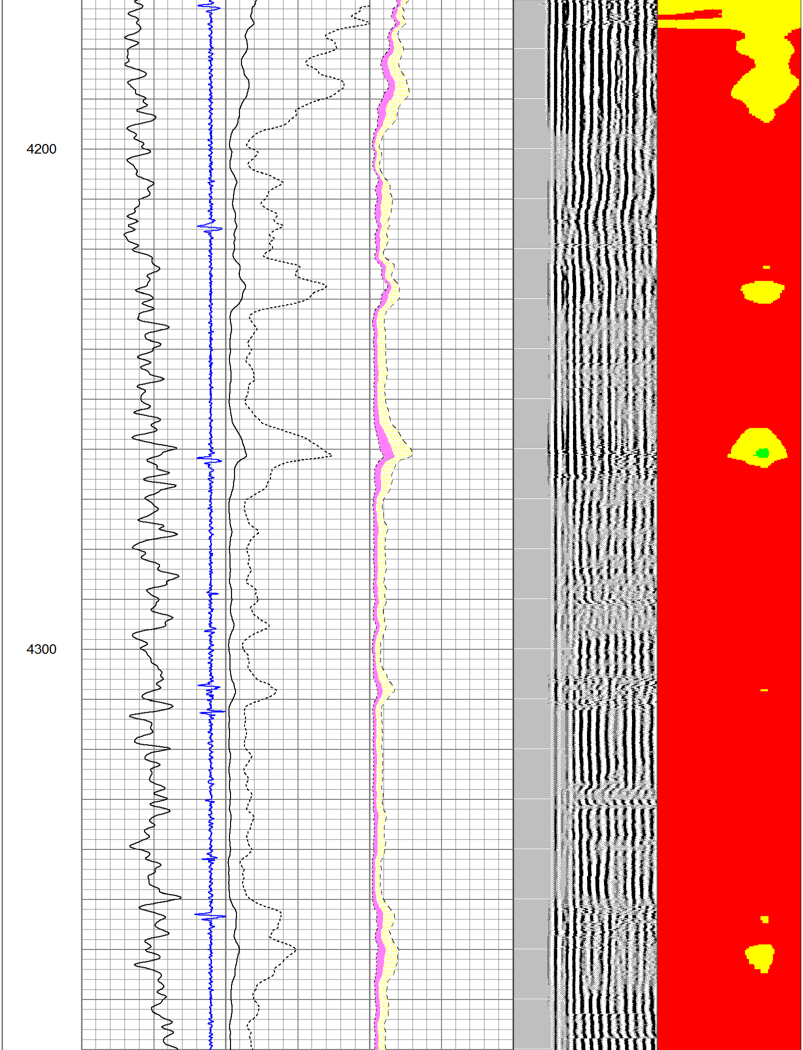
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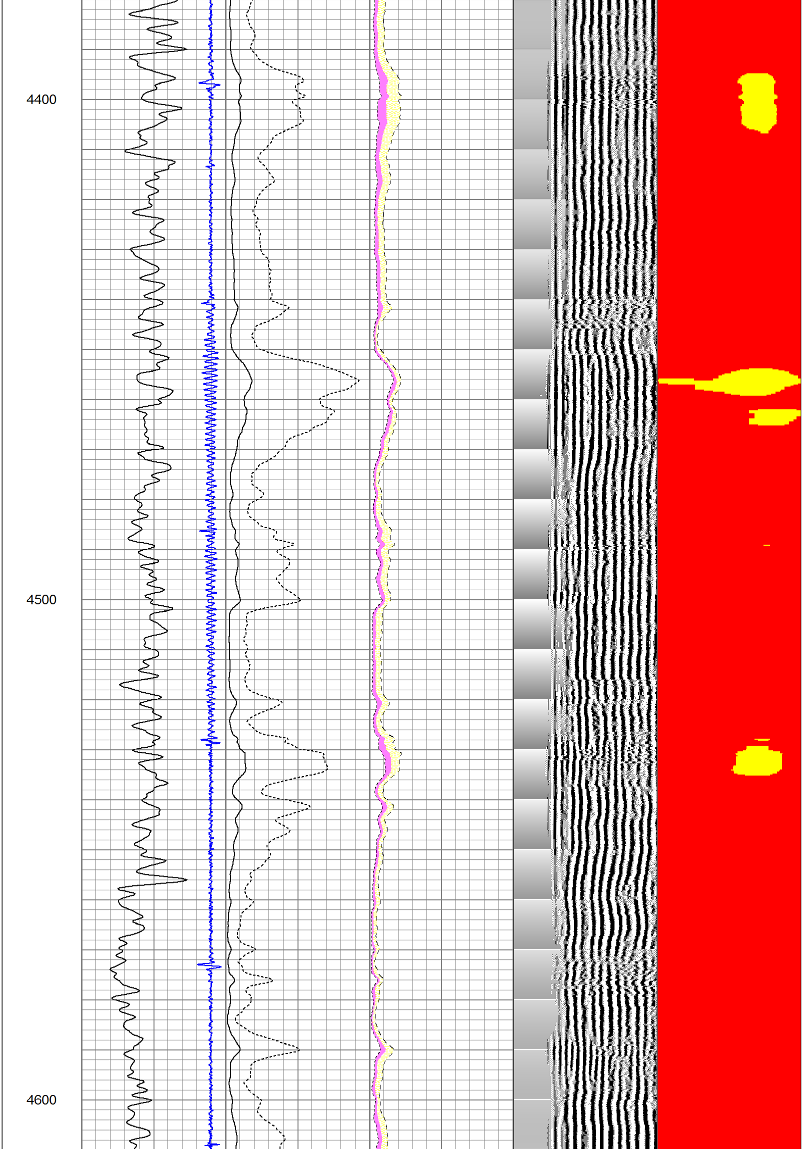
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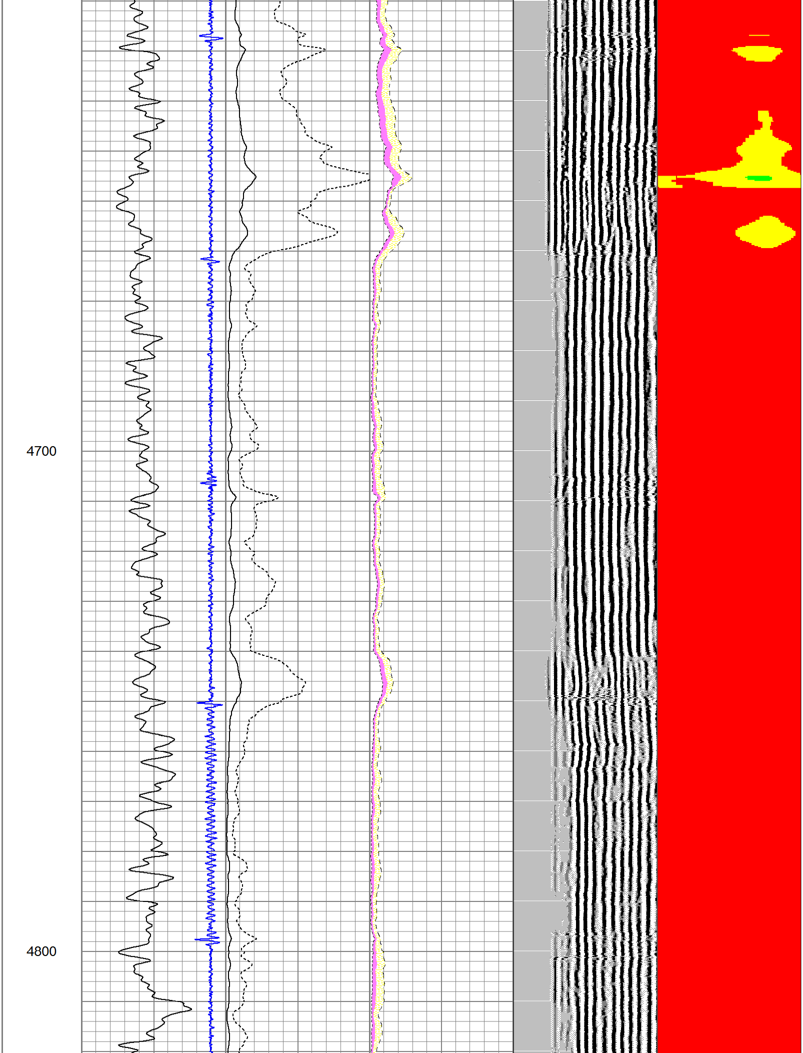
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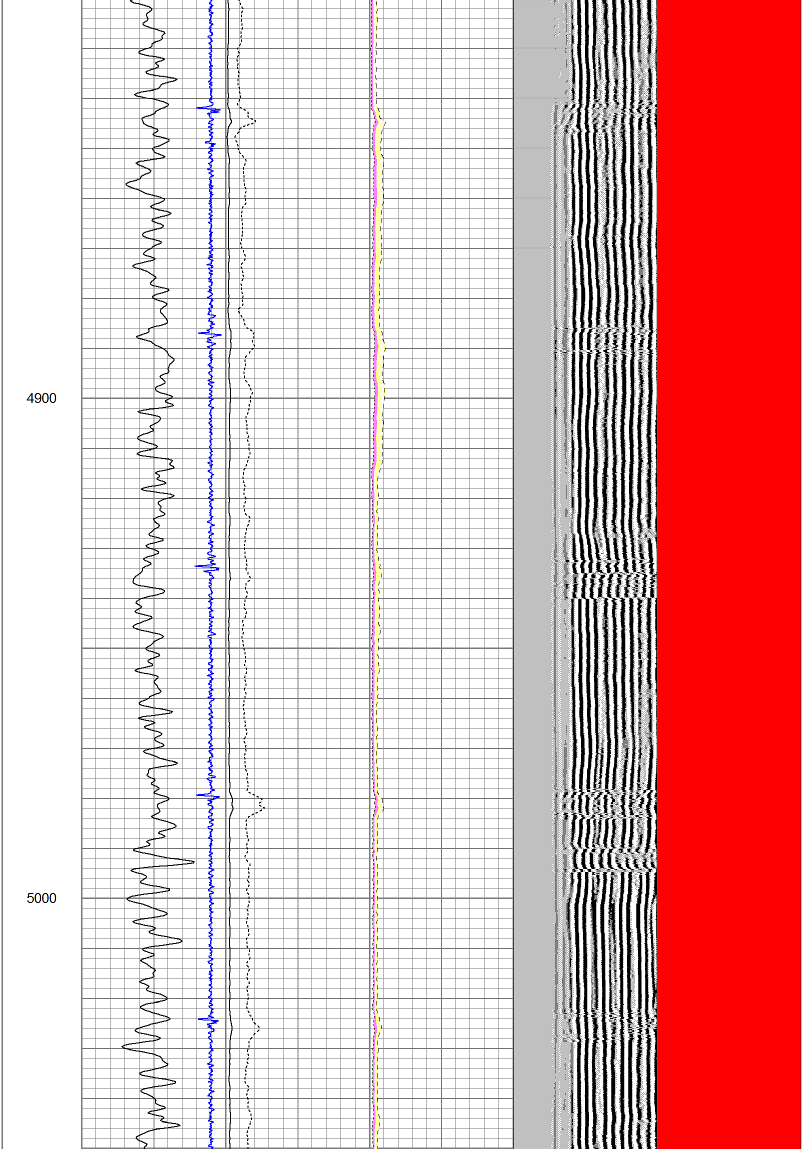
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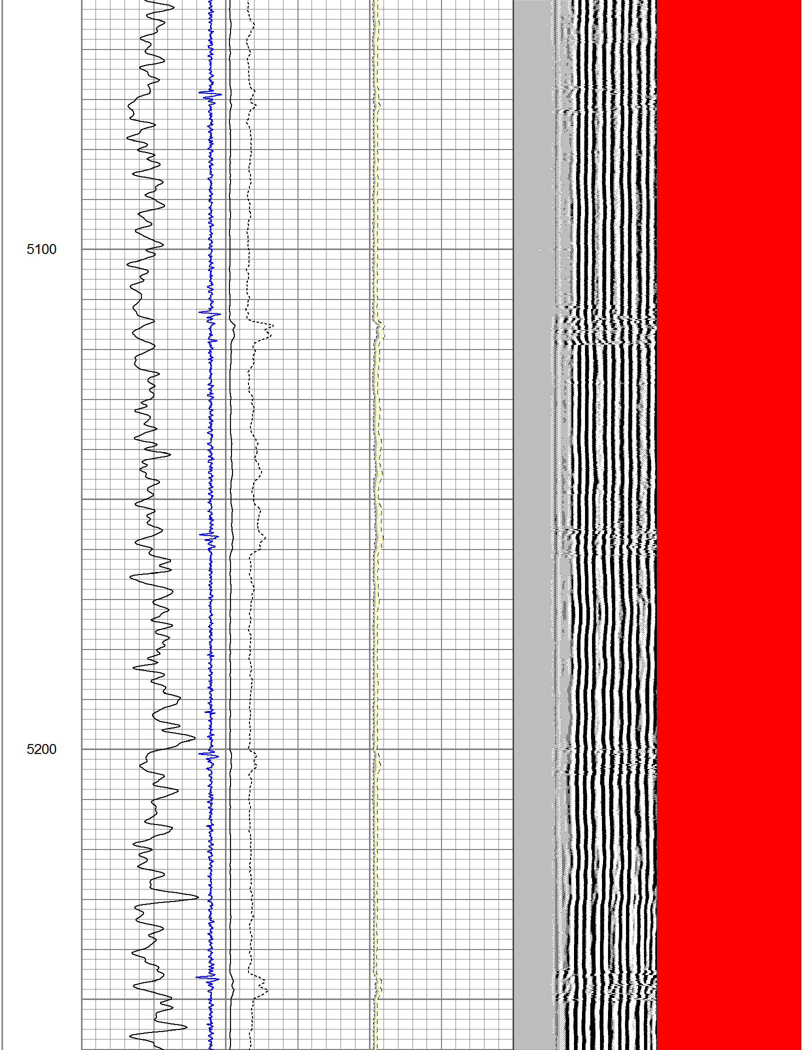
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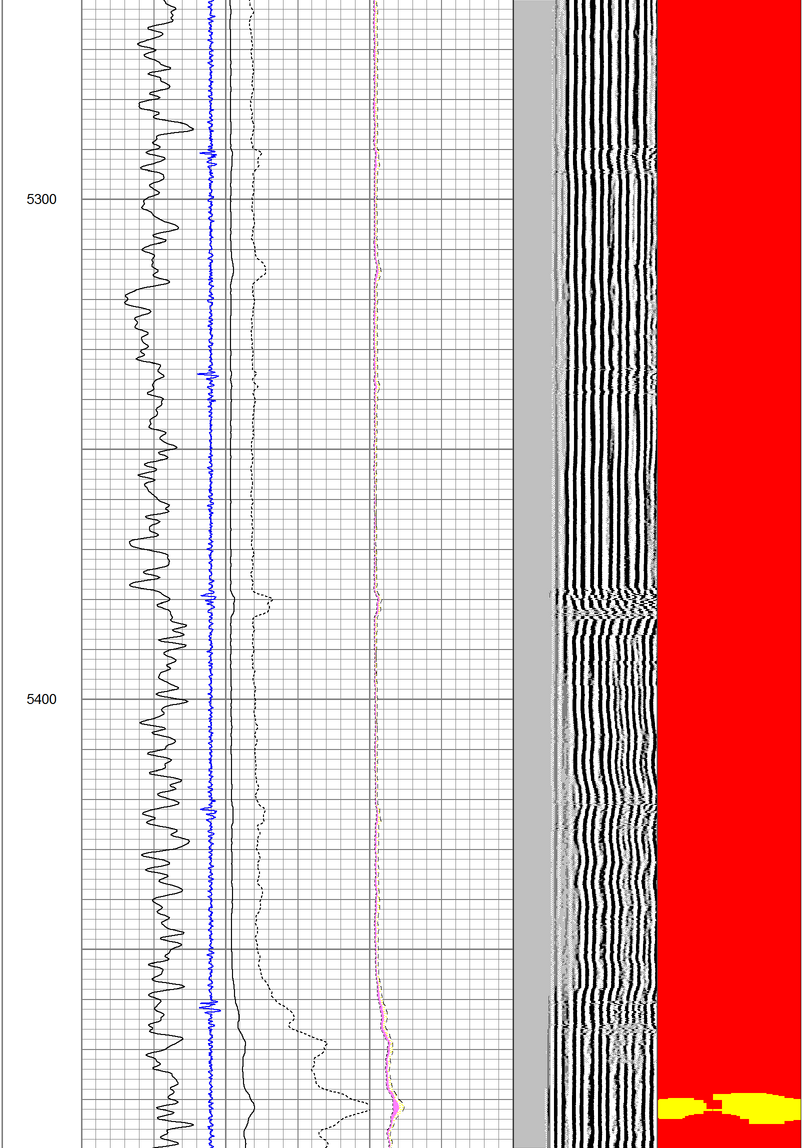
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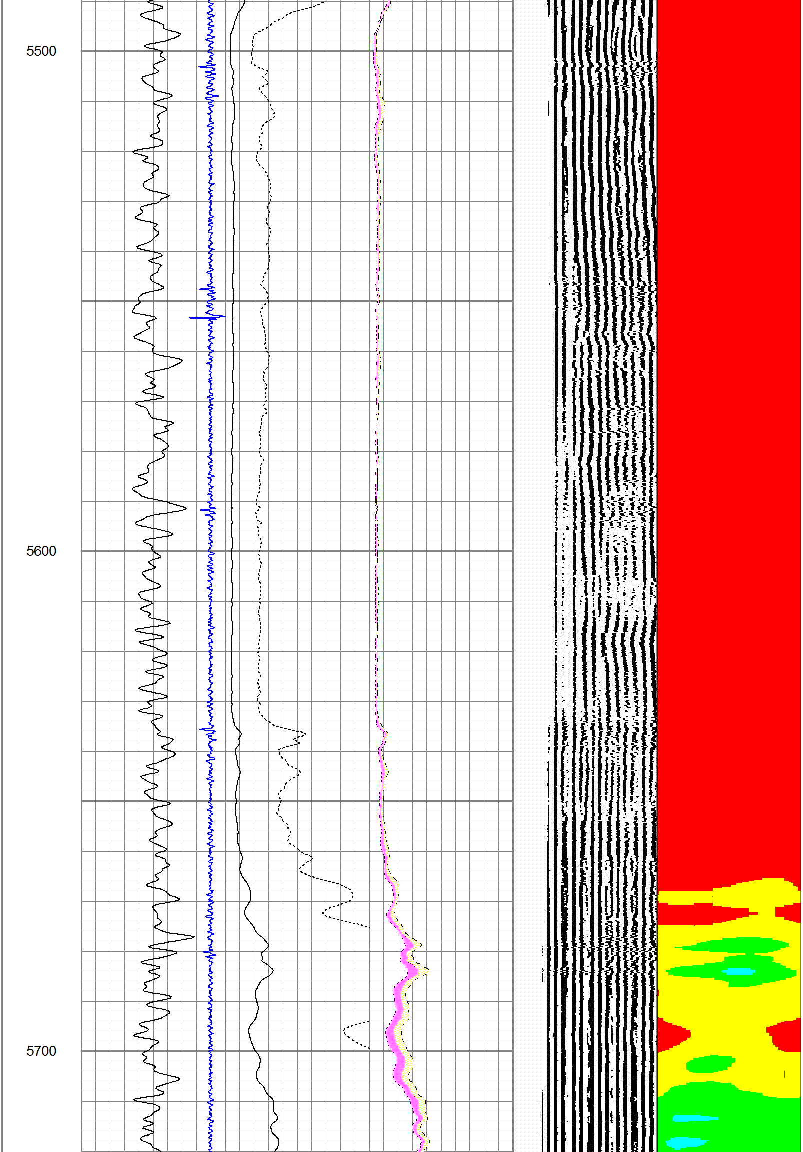
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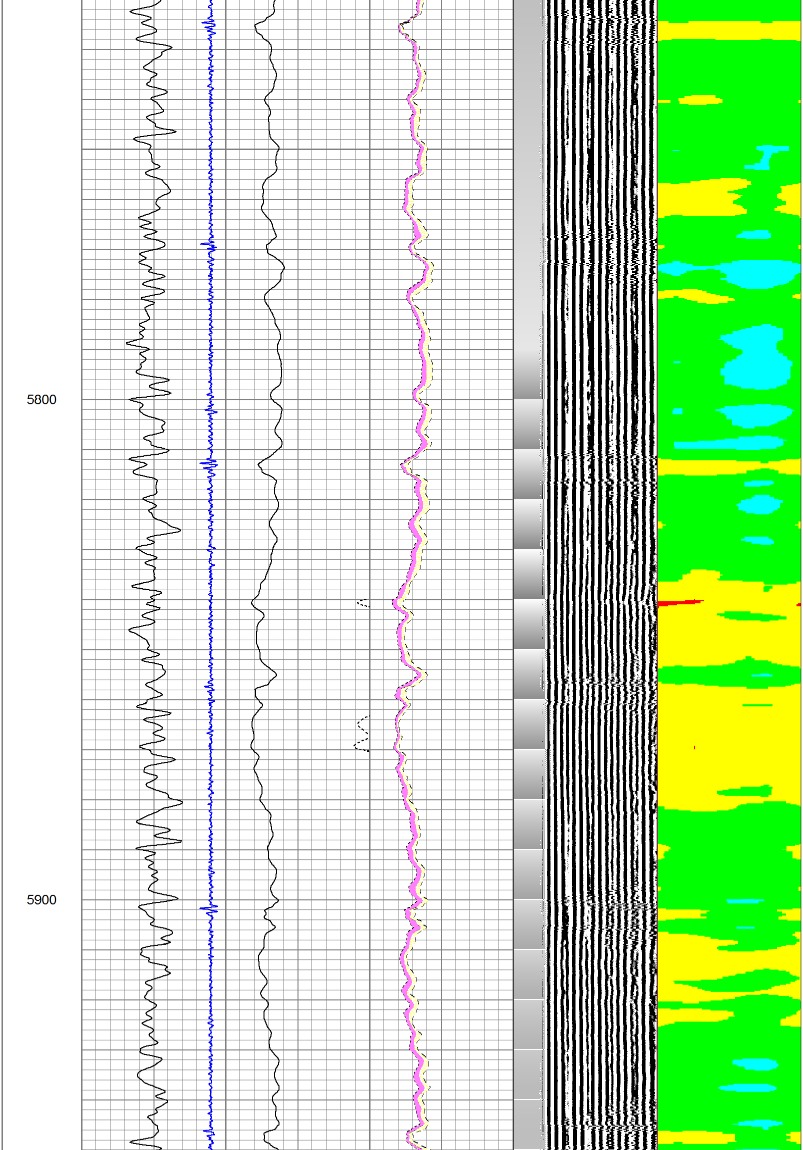
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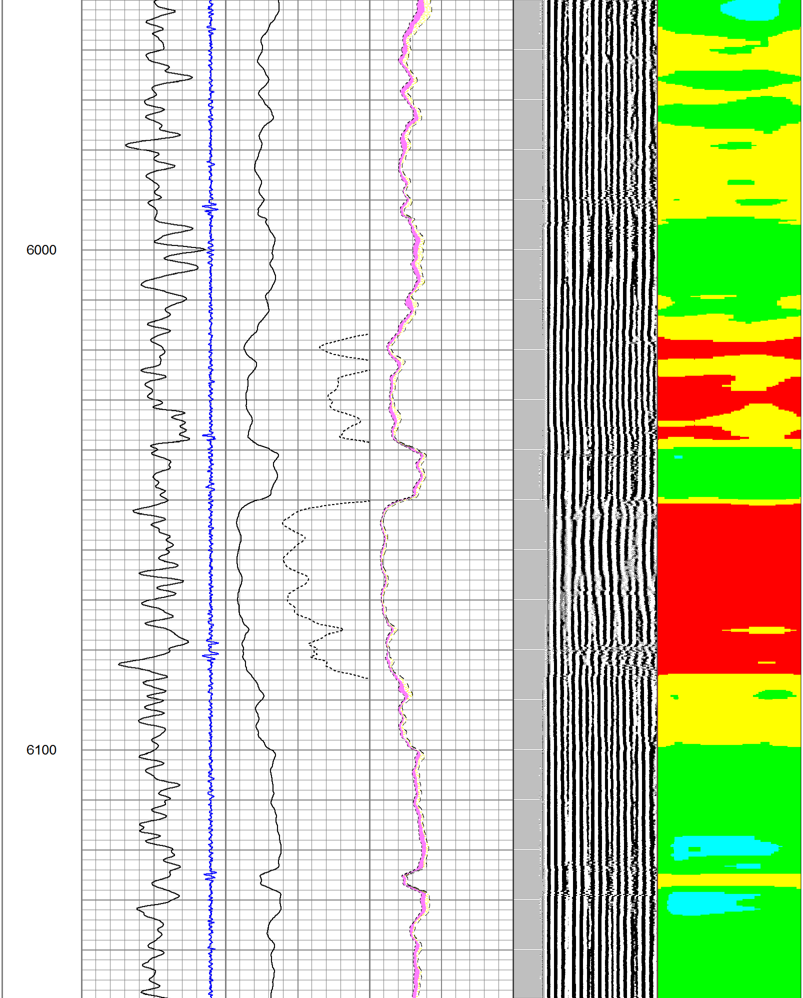
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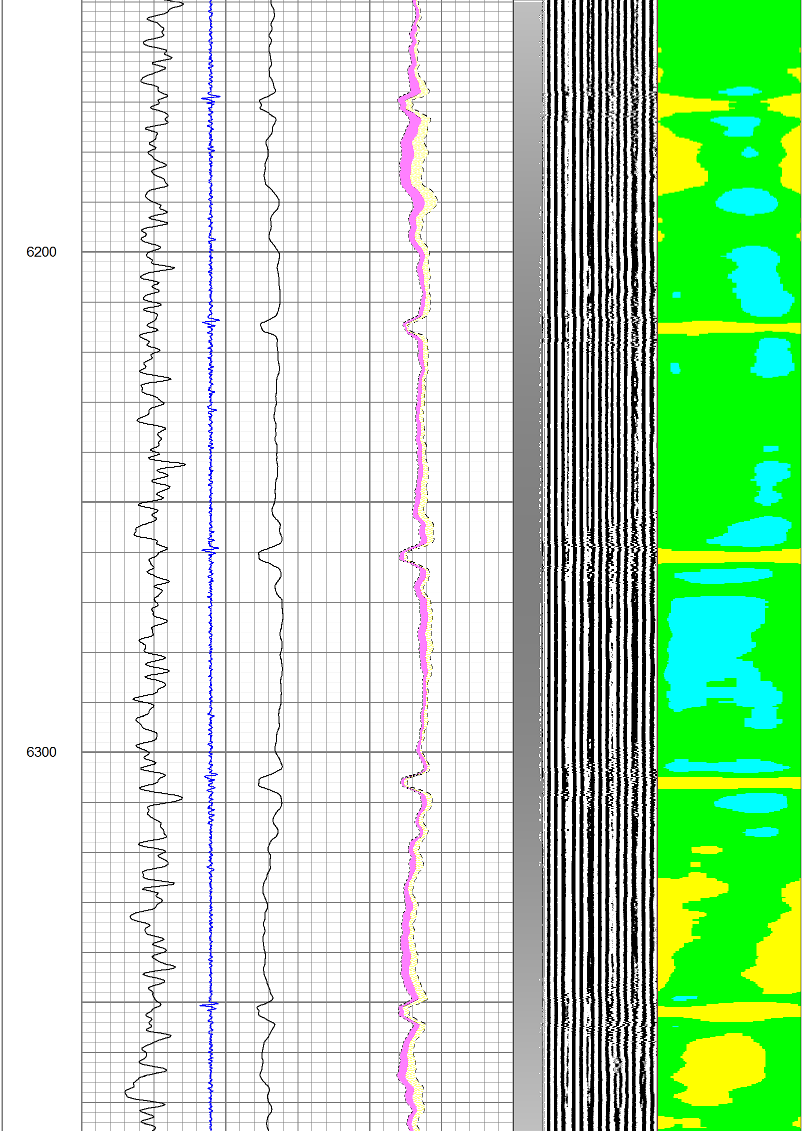
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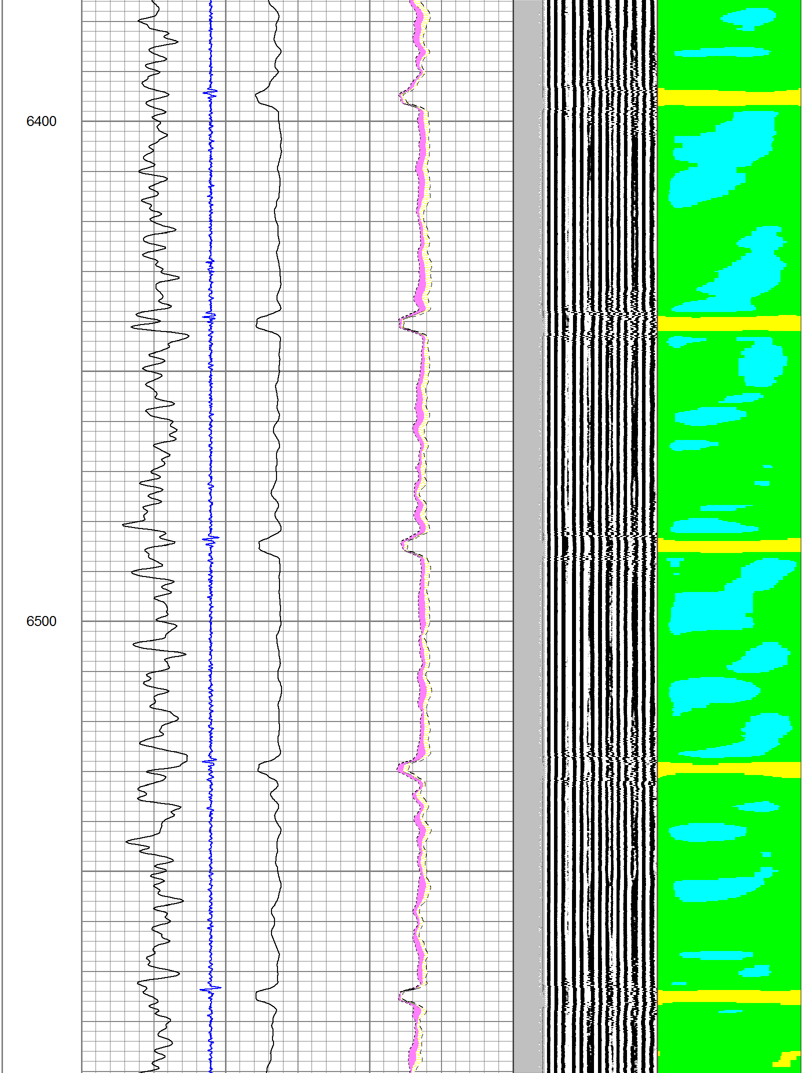
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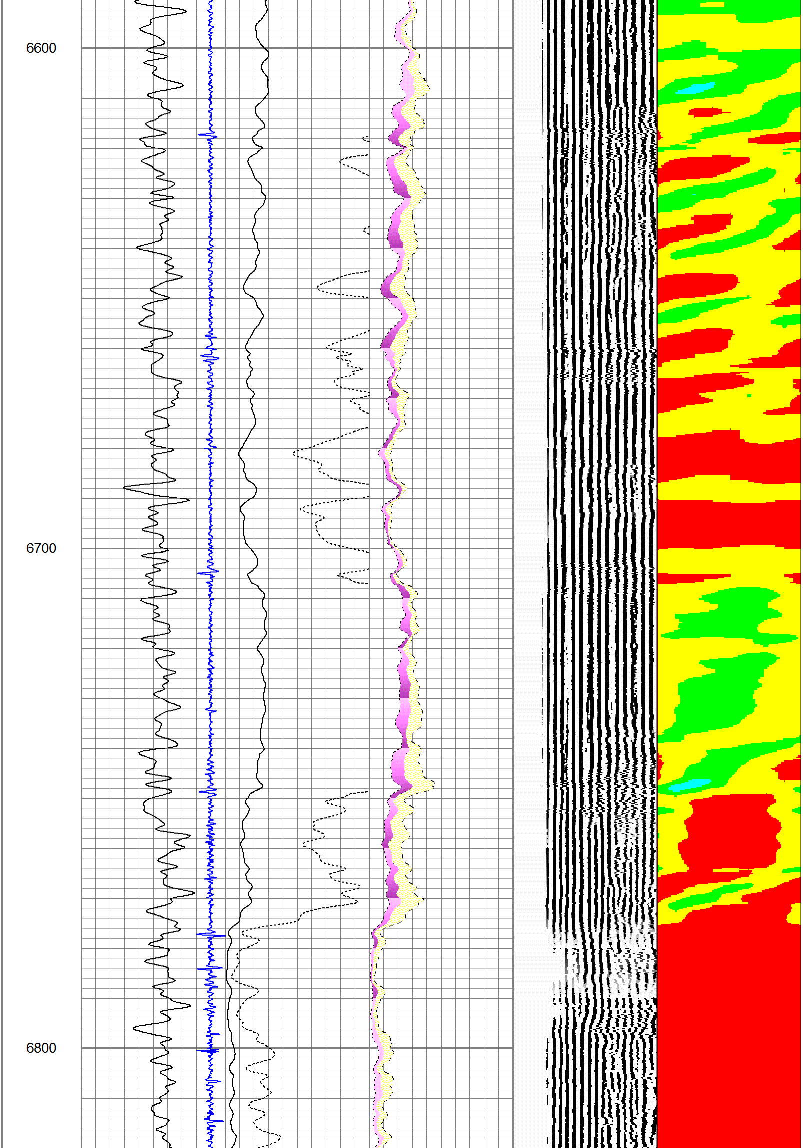
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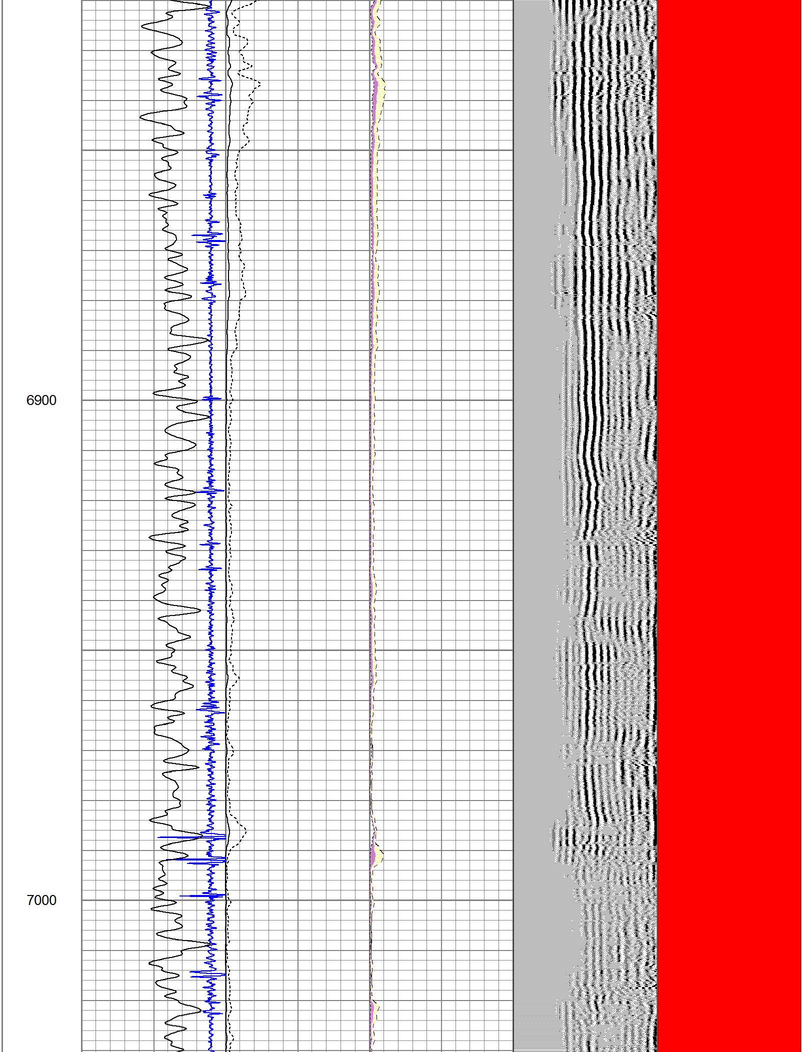
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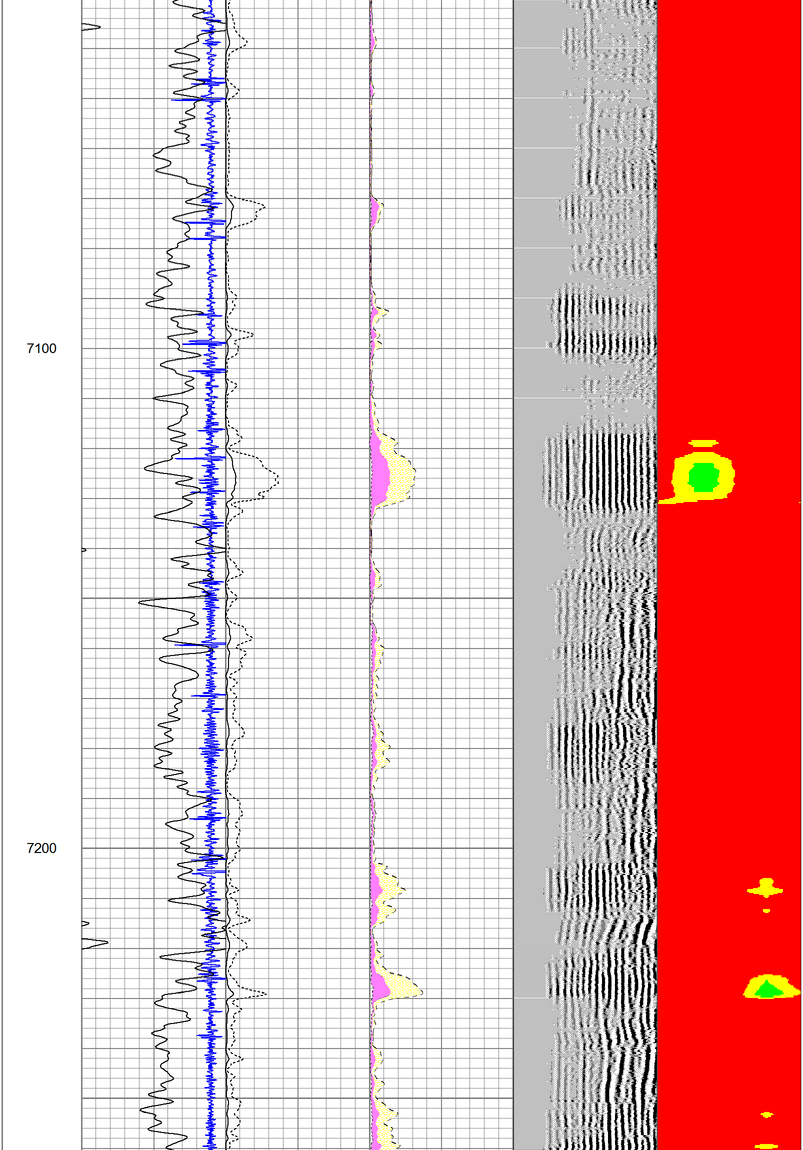
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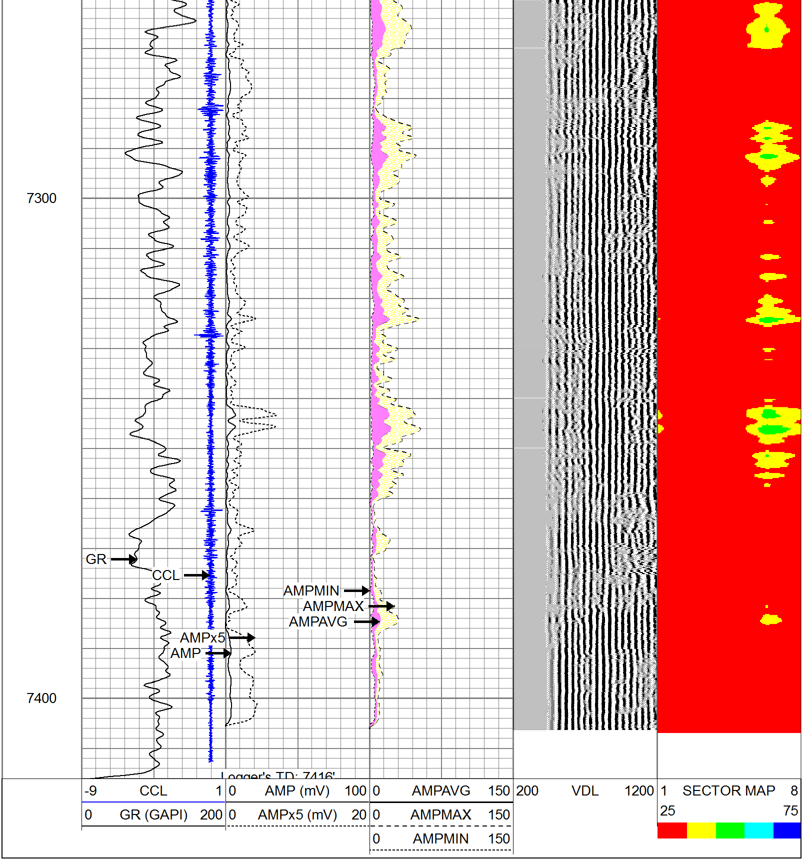
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7400
GR
CCL
AMPx5
AMP
AMPMIN
AMPMAX
AMPAVG
Logger's TD: 7416'
-9 CCL 1
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0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
200 VDL 1200
1 SECTOR MAP 8
25 75