PIONEER
Pioneer Energy Services

GAMMA RAY CCL CEMENT BOND VDL SECTOR MAP

Company	EnCana Oil & Gas (USA) Inc.
Well	Lochbuie 2G-31H-D165
Field	Wattenberg
County	Weld
State	Colorado
Country	USA

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Well Lochbuie 2G-31H-D165
Field Wattenberg
County Weld
State Colorado Country USA

Location: API # : 05123377880000
350' FNL & 1166' FWL
NWNW
SEC 31 TWP 1N RGE 65W

Other Services
None

Permanent Datum	GL	Elevation	5007
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5037
D.F. 5036
G.L. 5007

Date	February 13, 2014
Run Number	1
Depth Driller	12137
Depth Logger	7604
Bottom Logged Interval	7602
Top Log Interval	0
Open Hole Size	8-3/4"
Type Fluid	Drilling Mud
Density / Viscosity	10.6 / 46
Max. Recorded Temp.	NA
Estimated Cement Top	163
Time Well Ready	0500
Time Logger on Bottom	0605
Equipment Number	49
Location	Brighton, CO
Recorded By	Matt Gill
Witnessed By	Nate Curley

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	7"	26 lbs	0	7680'
Liner				

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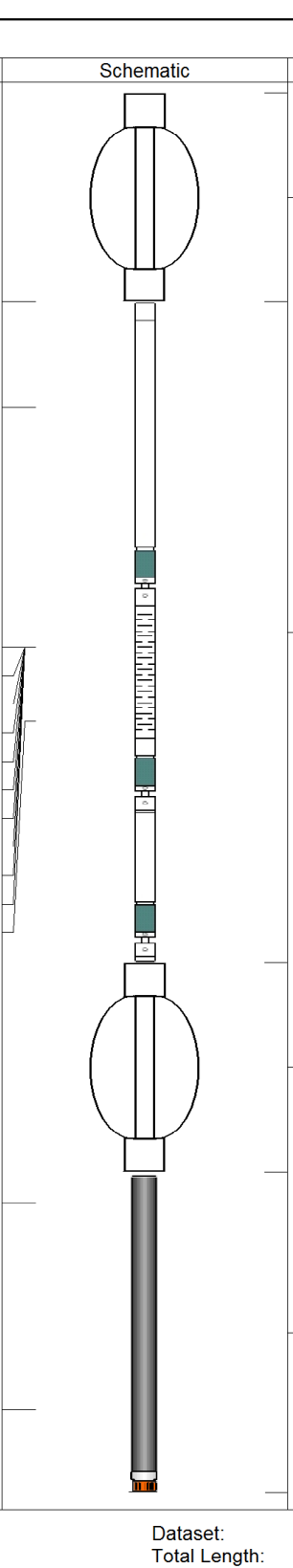
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages,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

Comments

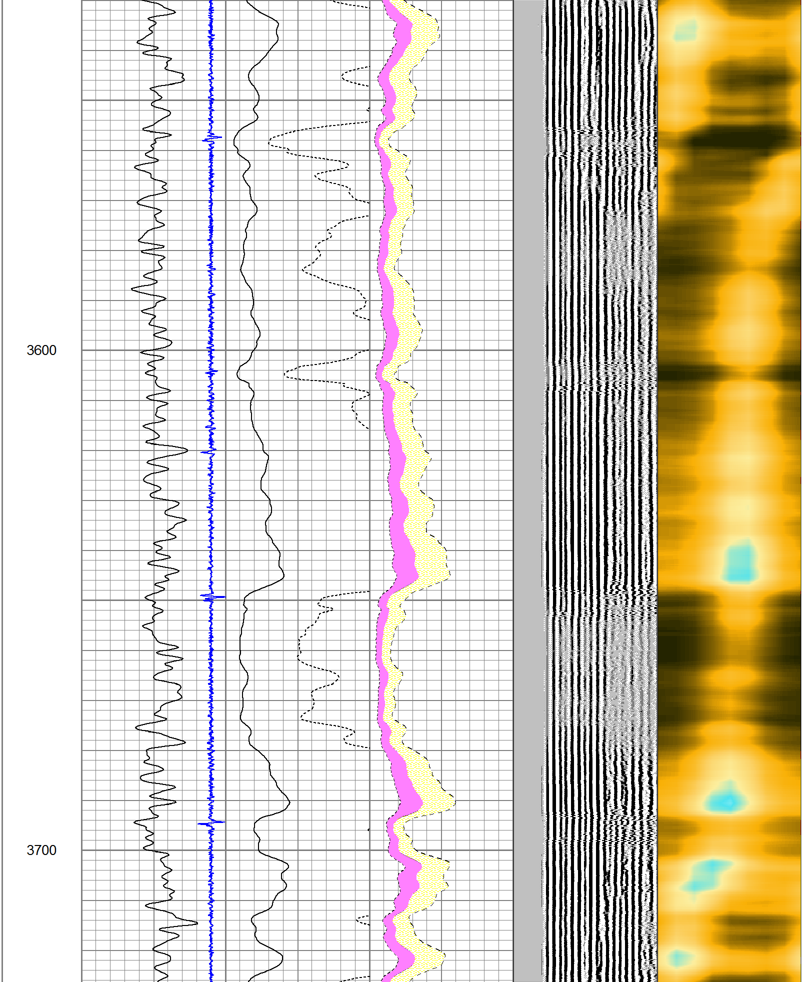
Thank You for using Pioneer Energy Services
H & P Drilling Rig 522



Sensor	Offset (ft)	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) proble Digital CCL Gamma	4.33	2.75	100.00
GR	1.13				

Dataset:	13463.db: field/well/run1/pass2
Total Length:	18.91 ft
Total Weight:	230.00 lb
O.D.	2.75 in

Database File:	13463.db
Dataset Pathname:	pass2
Presentation Format:	scbl02
Dataset Creation:	Thu Feb 13 06:06:39 2014 by Log 0
Charted by:	Depth in Feet scaled 1:240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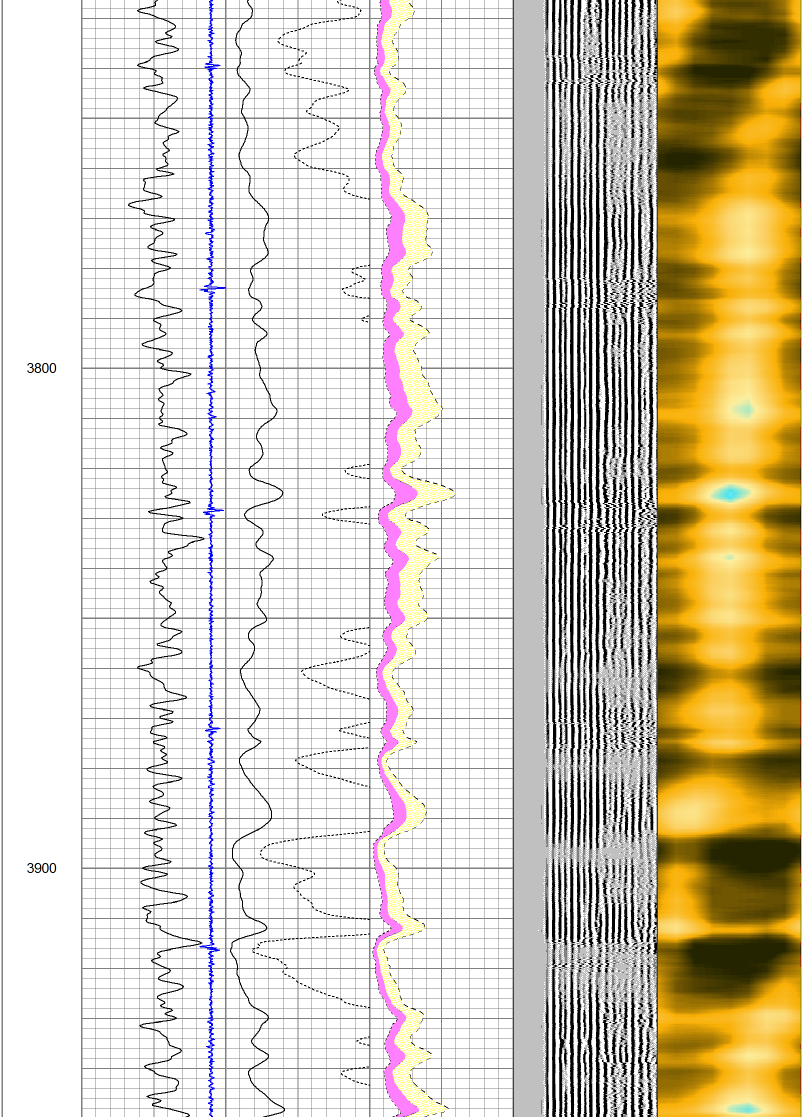
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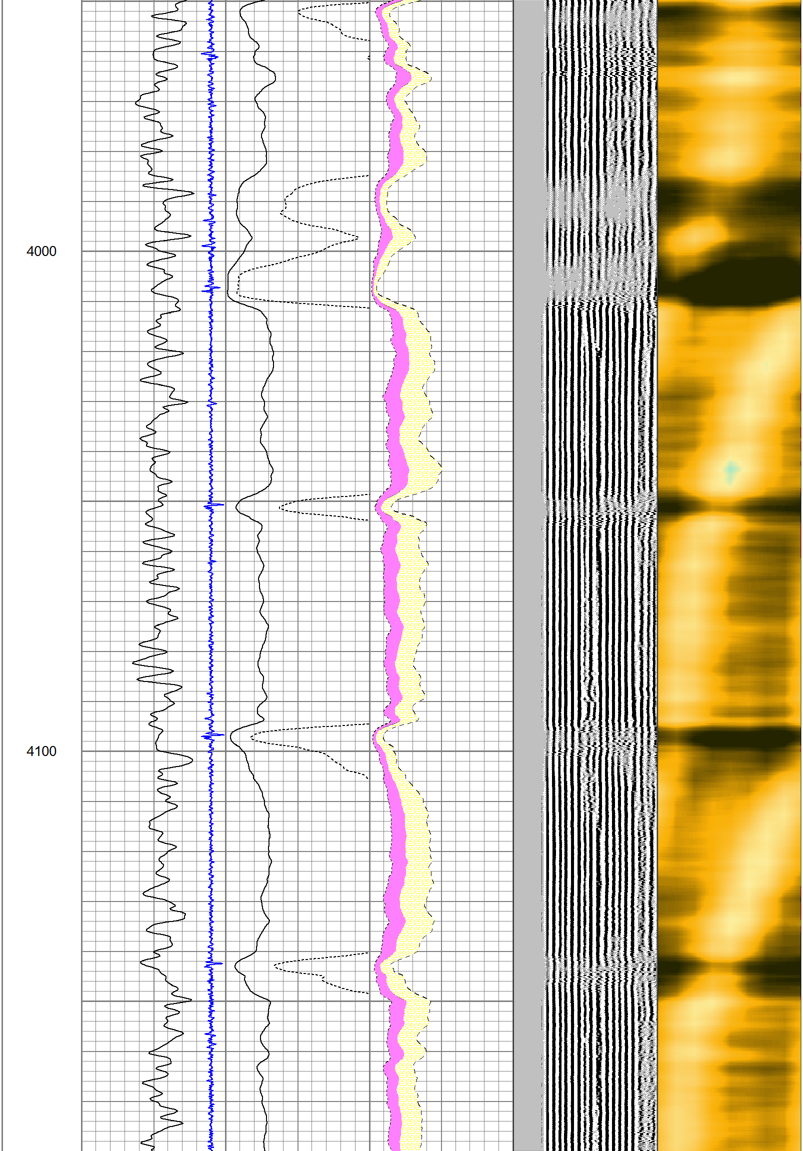
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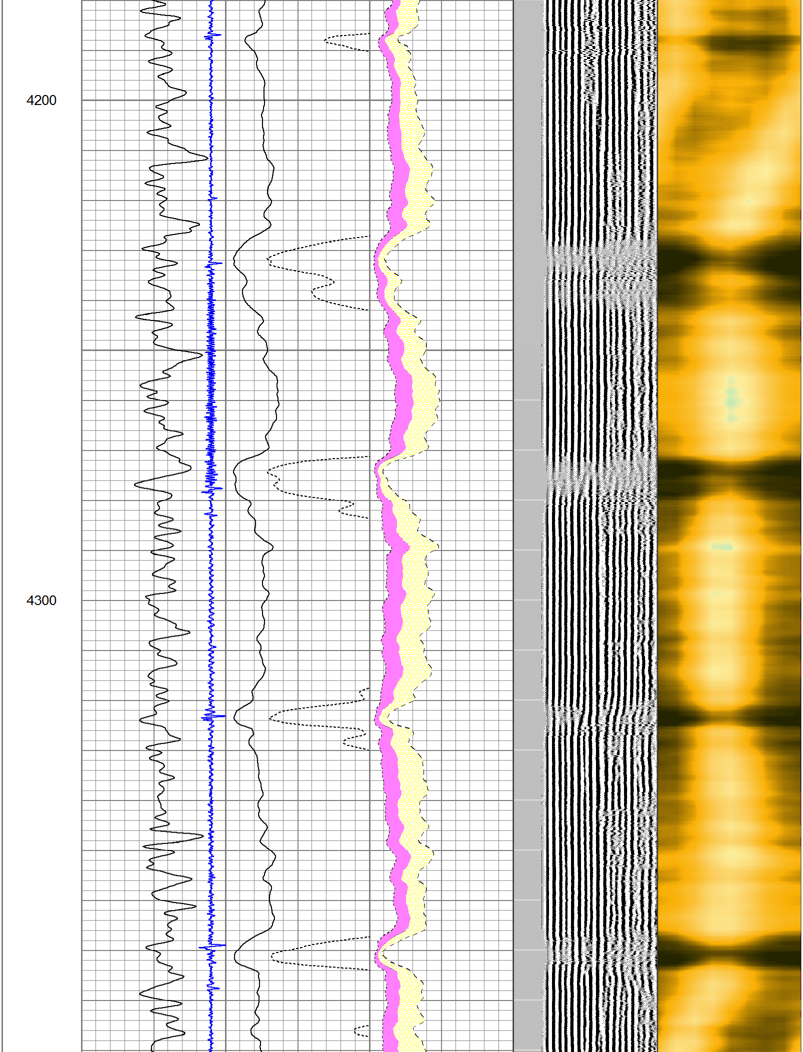
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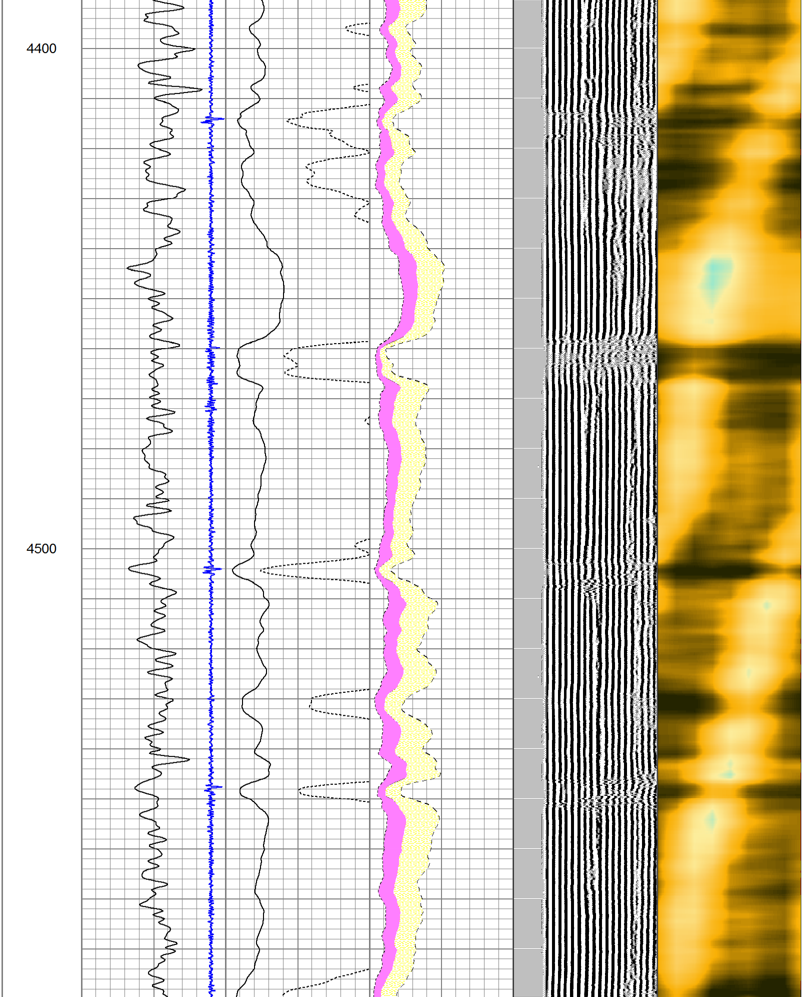
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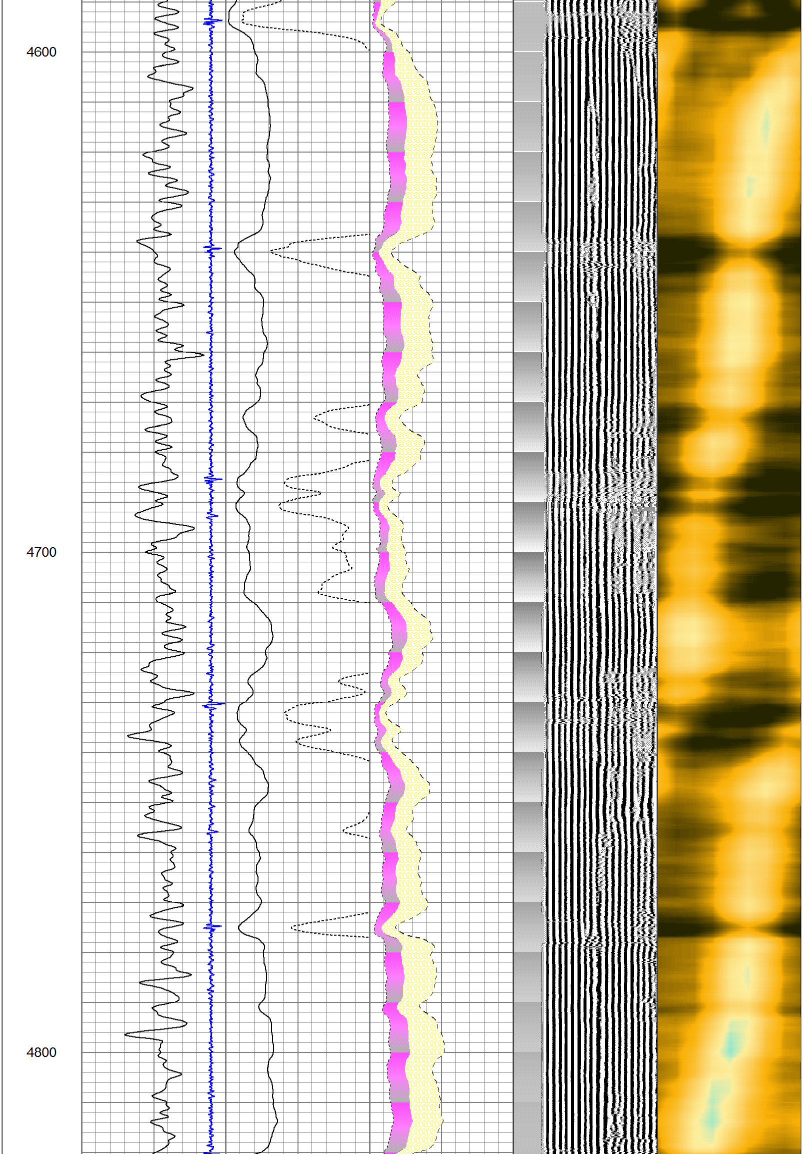
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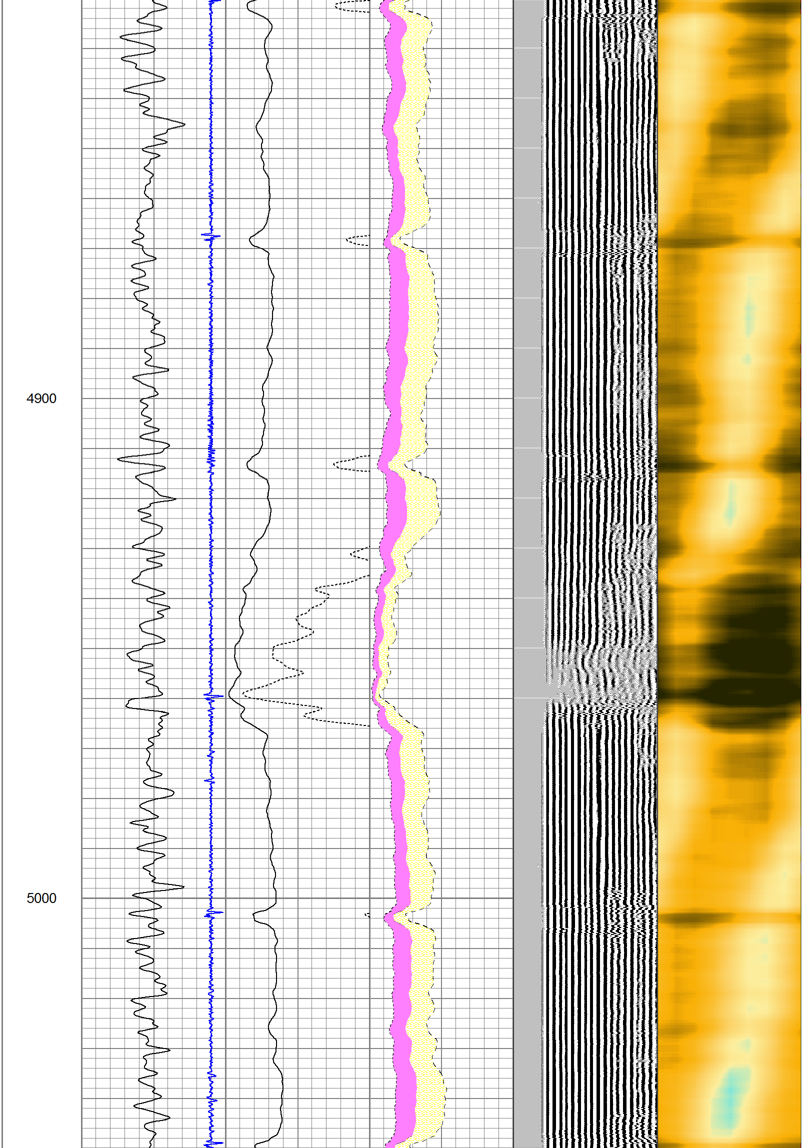
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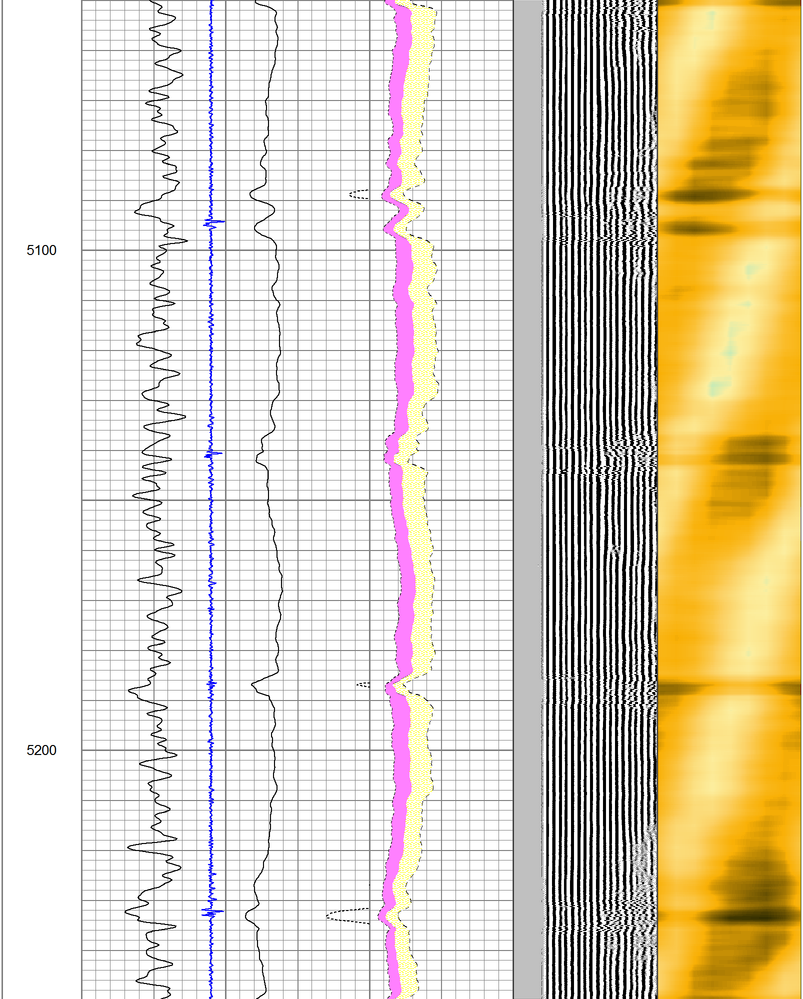
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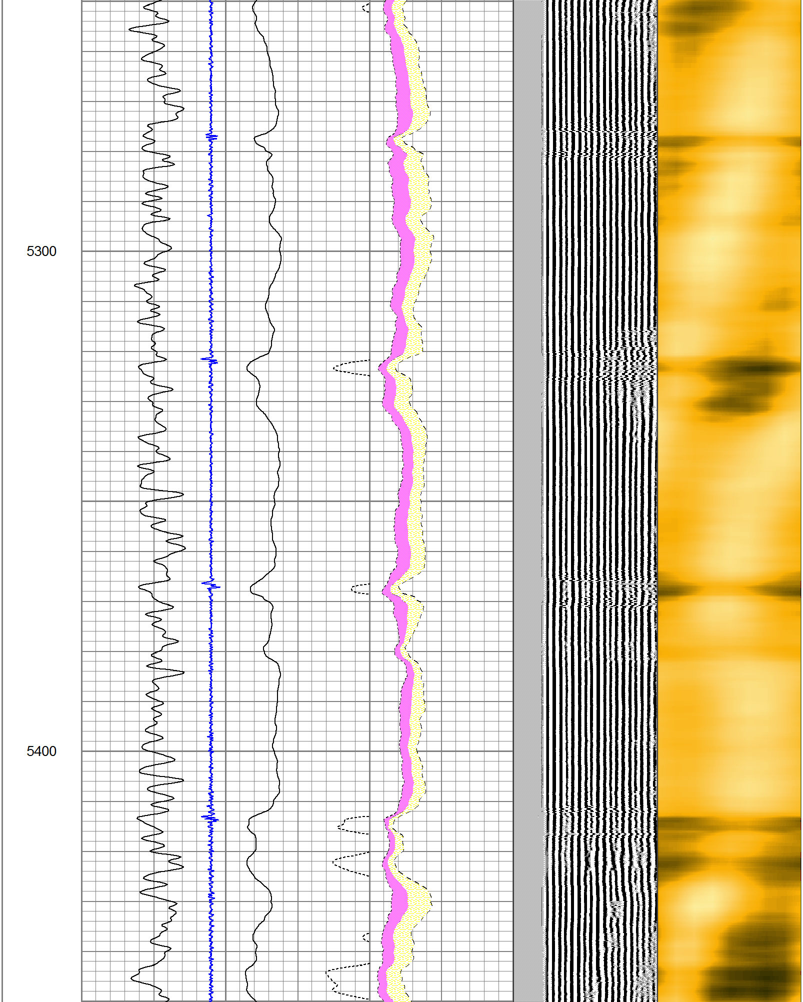
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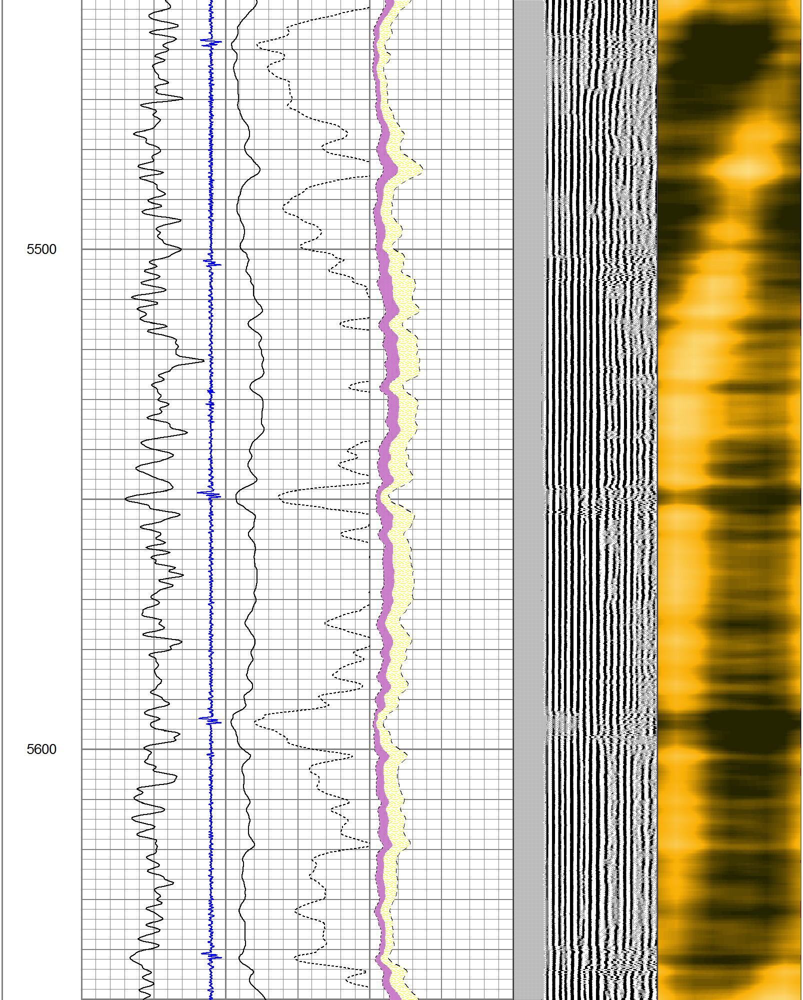
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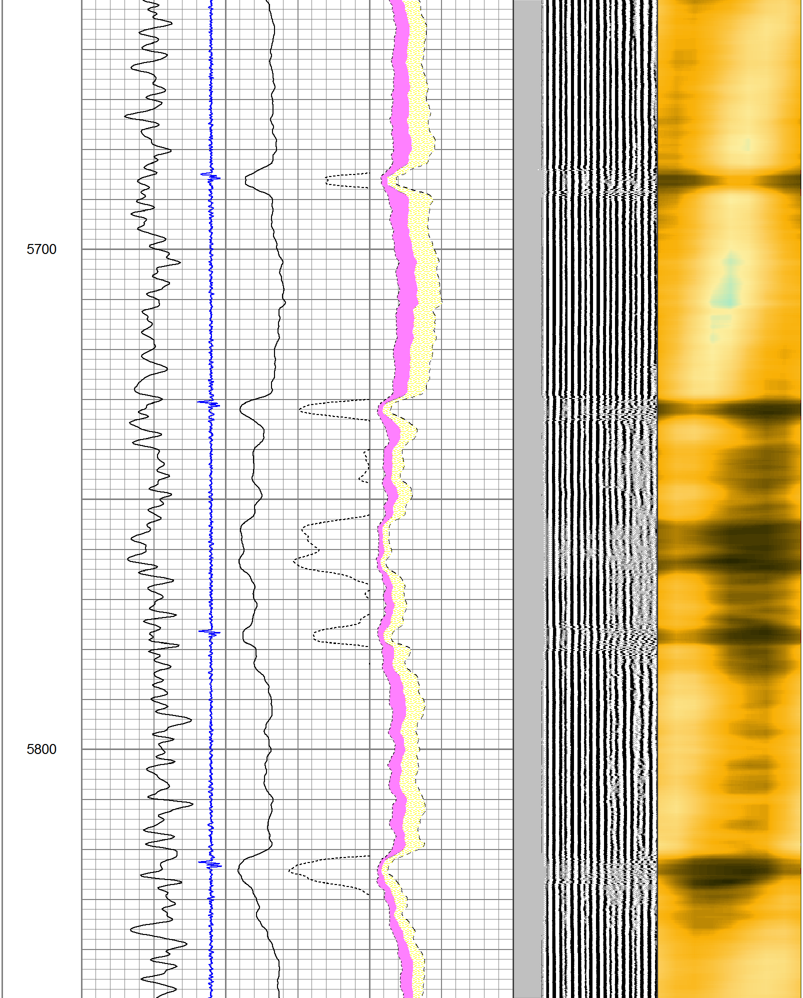
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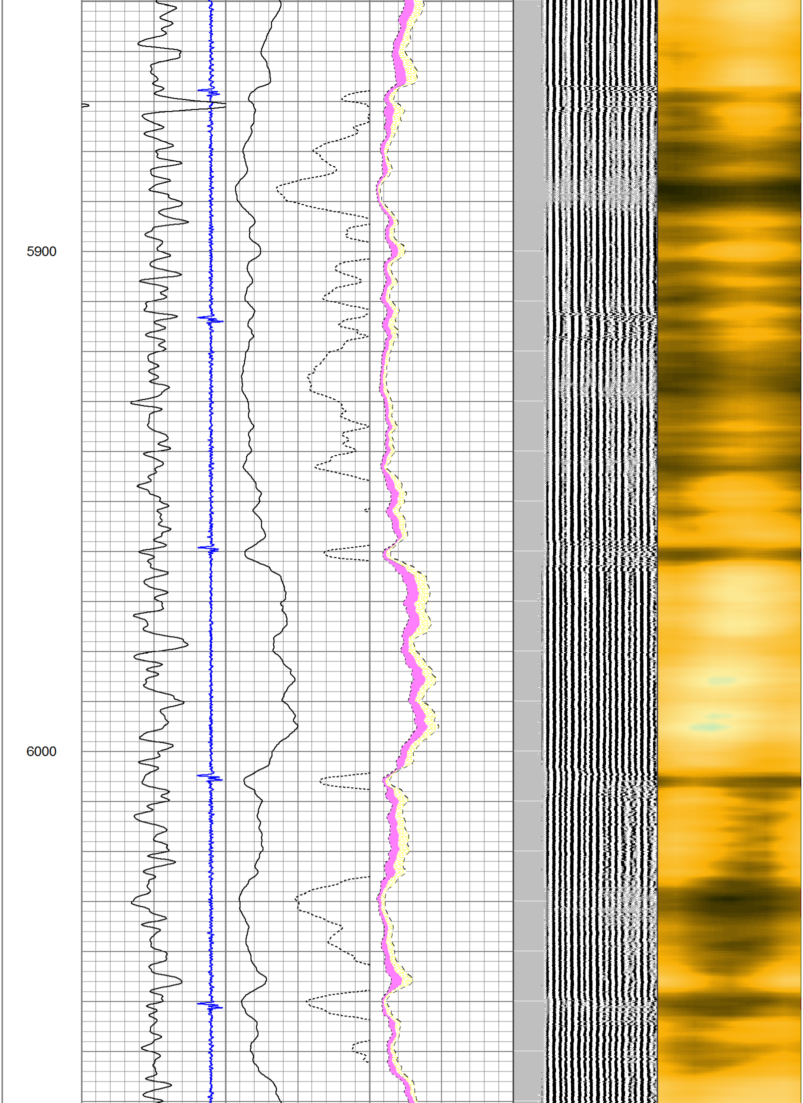
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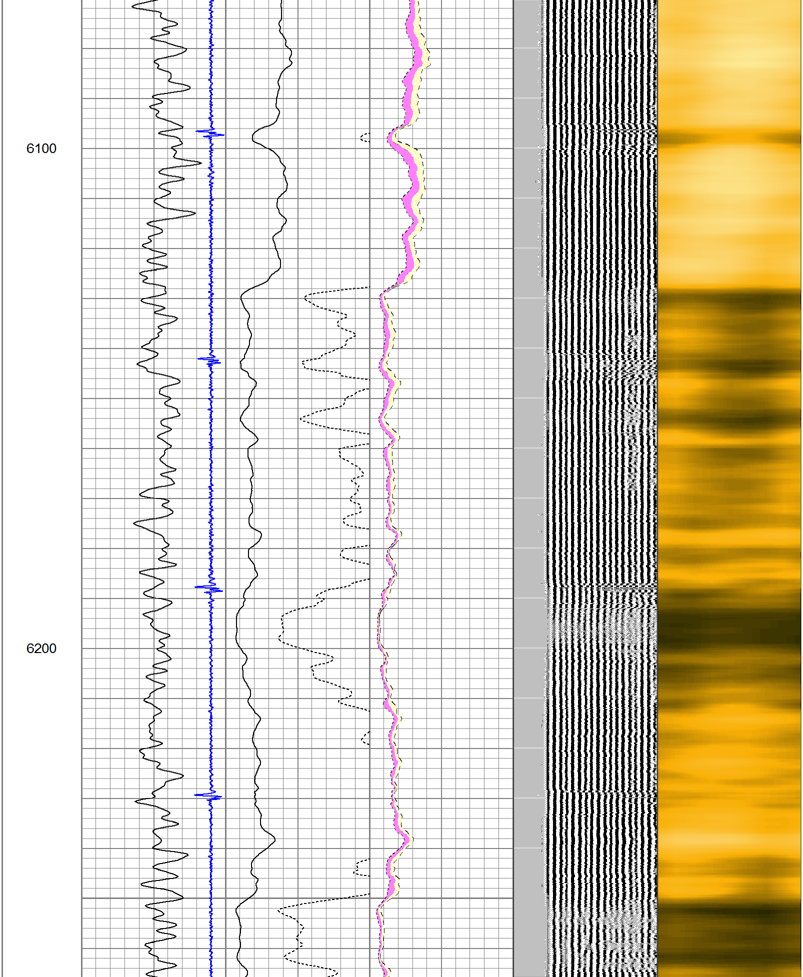
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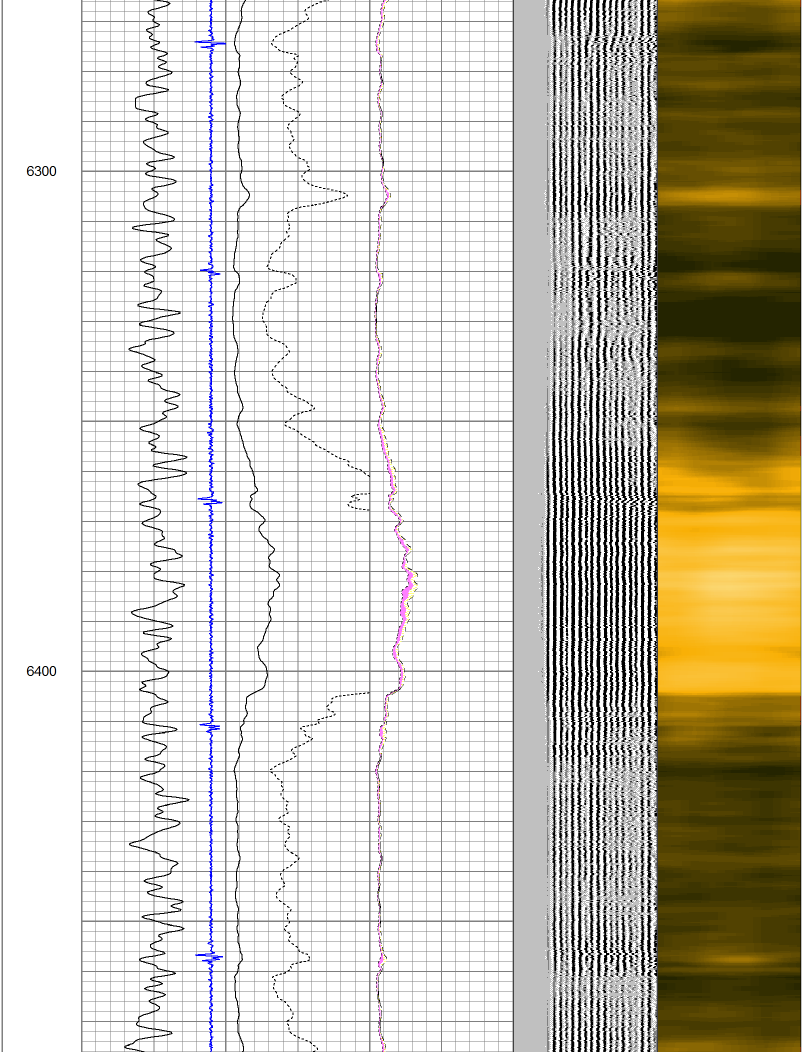
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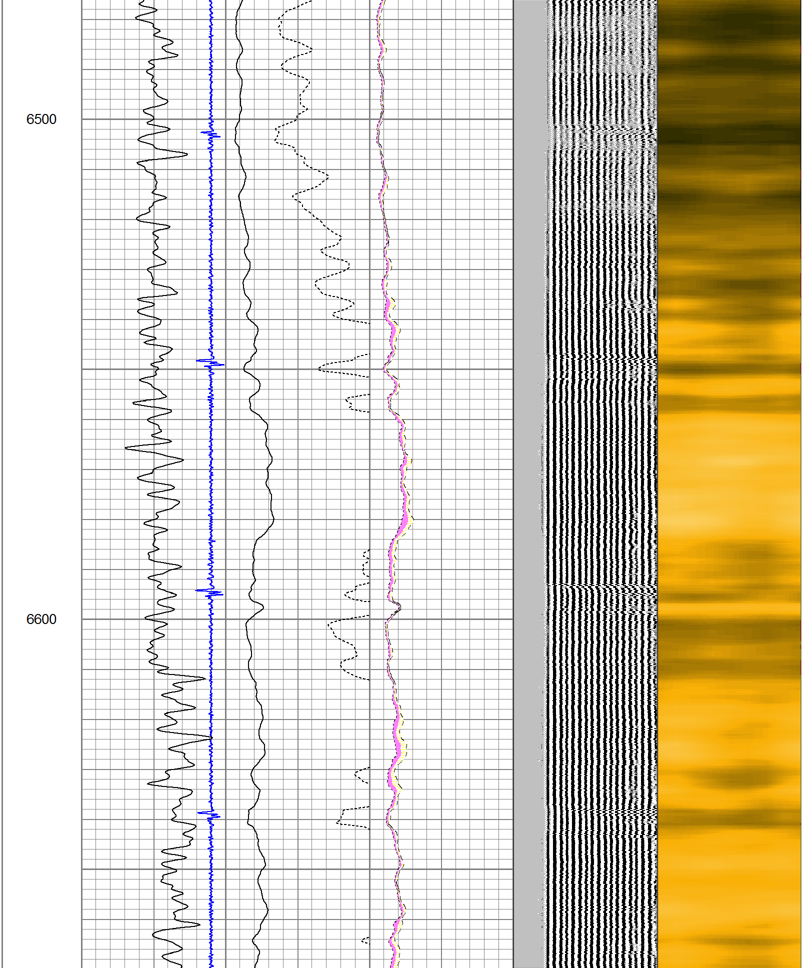
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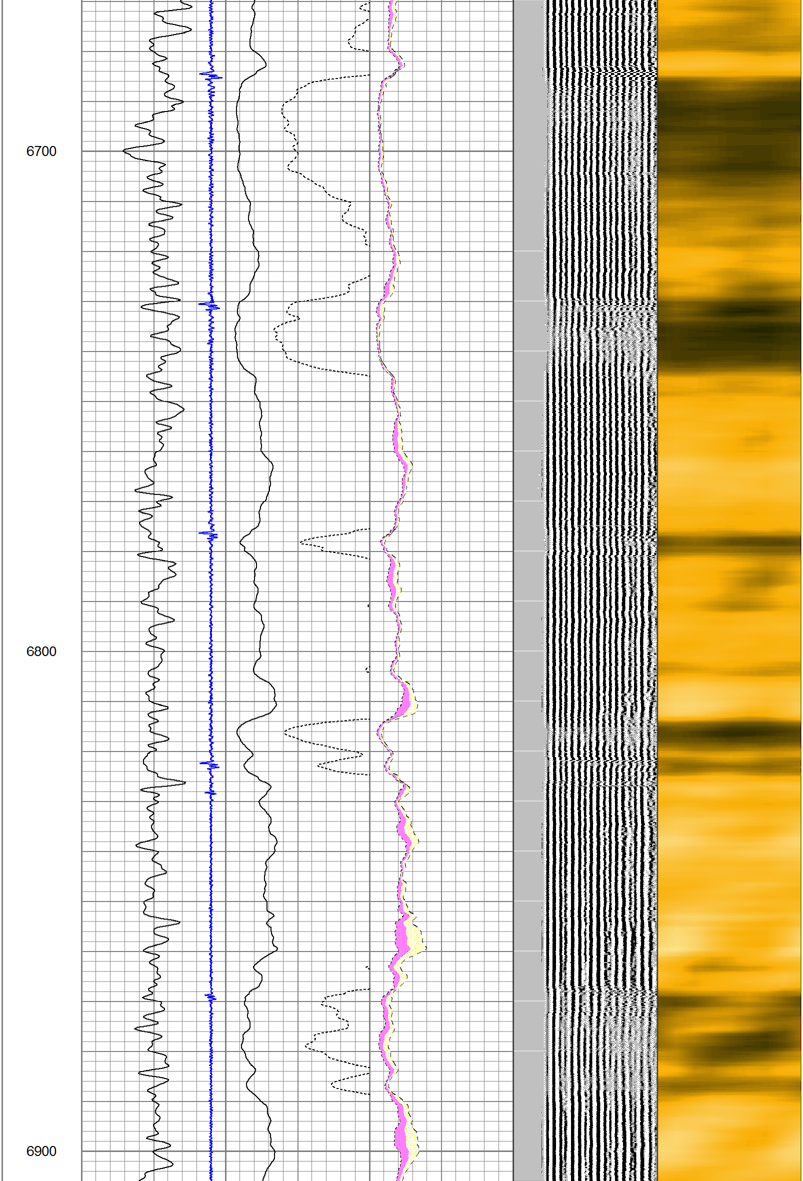
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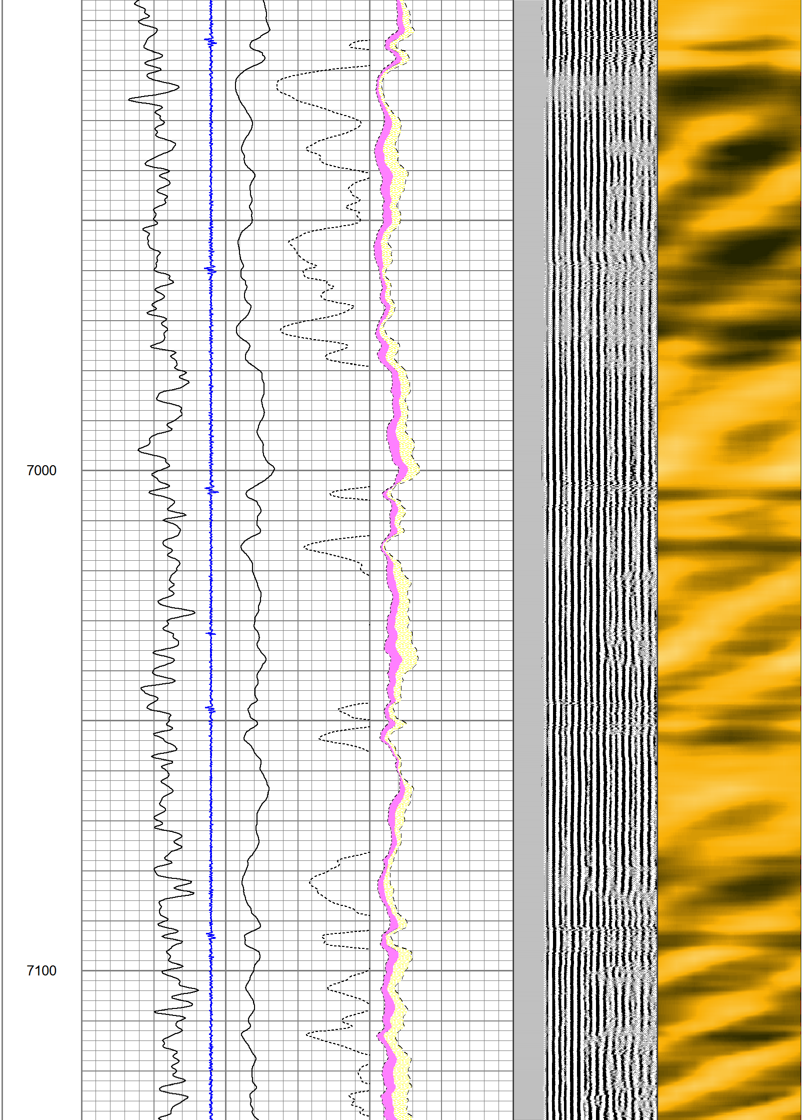
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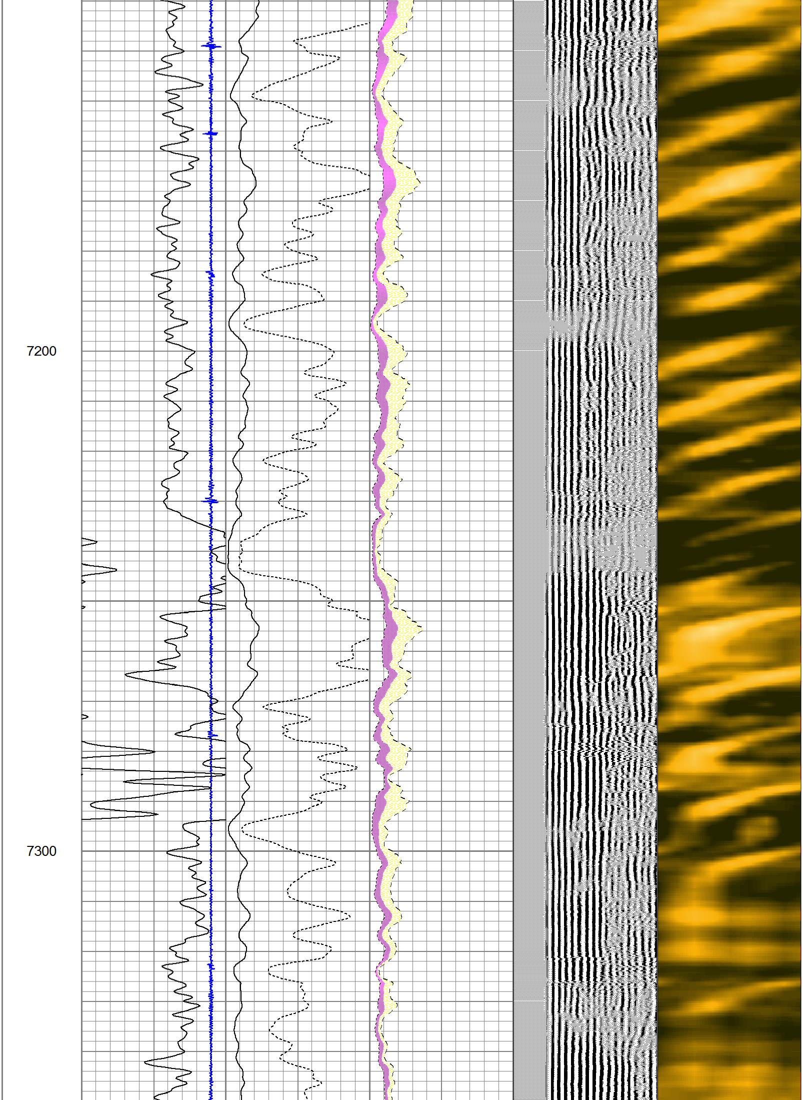
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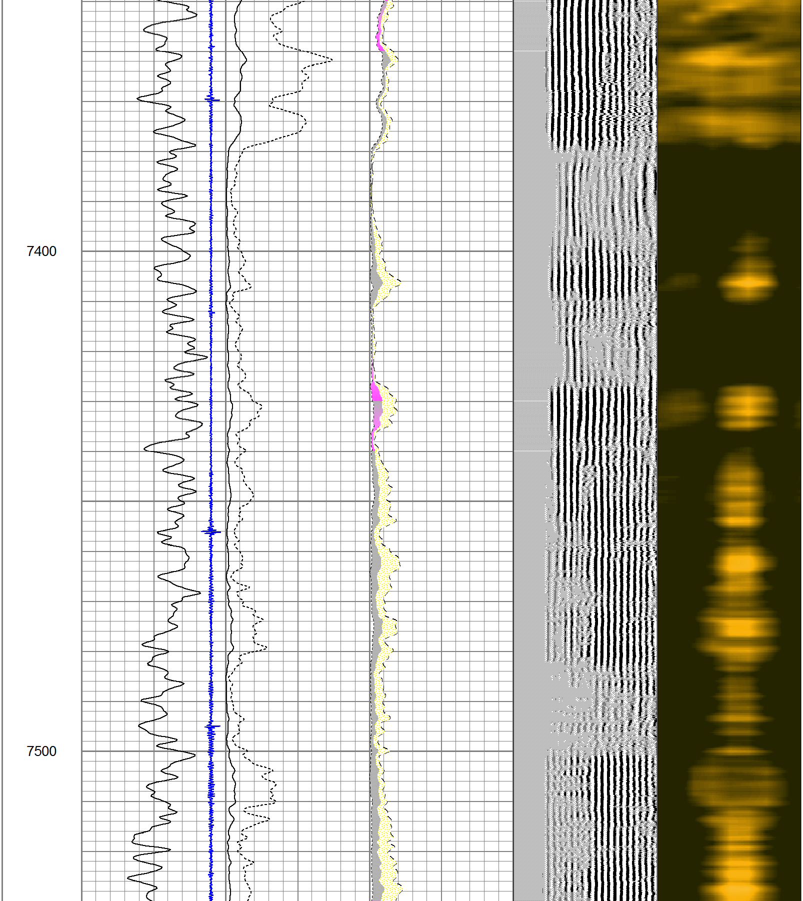
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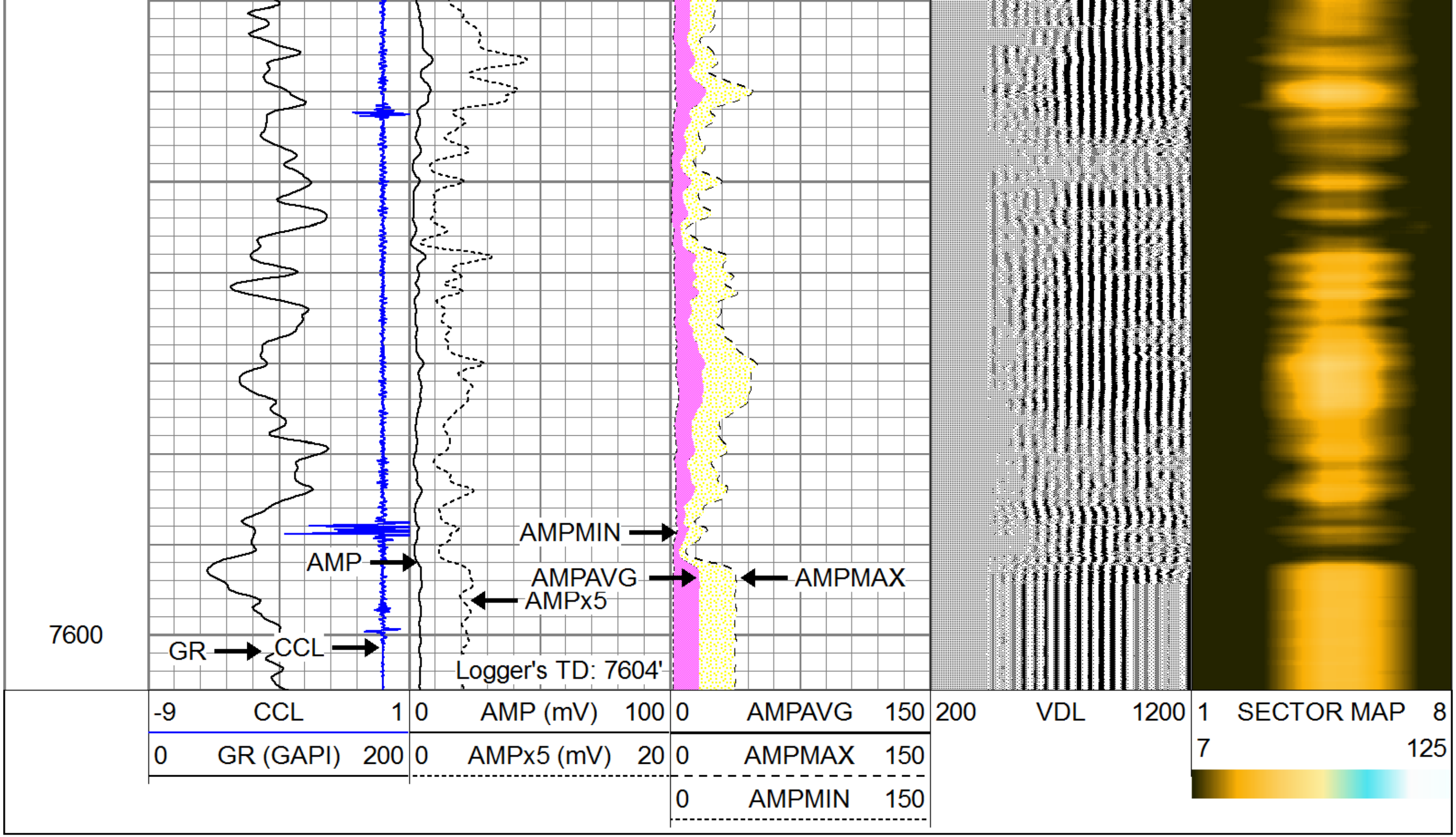
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GR
CCL
AMP
AMPx5
AMPMIN
AMPAVG
AMPMAX
Logger's TD: 7604'
-9 CCL 1
0 GR (GAPI) 200
0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
200 VDL 1200
1 SECTOR MAP 8
7 125