PIONEER

Pioneer Energy Services

RADIAL SECTOR BOND LOG WITH GAMMA RAY

Company KERR-MCGEE OIL & GAS ONSHORE
Well SMALL EYED 14C-35HZ
Field WATTENBERG
County WELD
State CO

Company **KERR-MCGEE OIL & GAS ONSHORE**
Well **SMALL EYED 14C-35HZ**
Field **WATTENBERG**
County **WELD** State **CO**

Location: API # : 05123393500000
SHL: 1020' FSL & 1955' FWL SESW
LAT: 40.119184
LONG: -104.860478
SEC 23 TWP 2N RGE 67W

Other Services
JBGR
Caliper

Permanent Datum	GL	Elevation	4962
Log Measured From	KB		
Drilling Measured From	KB		

Elevation	
K.B.	4987
D.F.	4987
G.L.	4962

Date of Service	OCTOBER 1, 2014		
Run Number	ONE		
Depth Driller or PBTD	17960		
Depth Logger	7290		
Bottom Log Interval	7286		
Top Log Interval	SURFACE		
Open Hole Size	8+7/8"		
Type Fluid	WATER		
Fluid Level	SURFACE		
Fluid Density	8.33 PPG		
Max. Recorded Temperature	223 F		
Max. Wellhead Pressure	2800		
Wellhead Connection	7+1/16" 10K FLANGE		
Estimated Cement Top	300		
Unit Number	75		
Wireline Size	9/32"		
Location	FT. MORGAN, CO		
Recorded By	SCHUMAN		
Witnessed By	MR. TREVOR DANIELS		

	Size	Wt/Ft	Top	Bottom
Tubing Record				
Surface Casing	9+5/8"	36#	SURFACE	1317
Production Casing	7"	26#	SURFACE	7964
Liner Record	4+1/2"	11.6#	6880	17950

<< Fold Here >>>

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

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

THANK YOU FOR USING PIONEER Energy SERVICES

Your Pioneer Energy Services Crew
Engineer: Shaun
Operator: Brian
Operator: Bobby
Operator: Angelo

Tool Data - Services	Serial Number
Sector CBL	070132
GR	080538

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
			RBT-Probe275 (070132) Probe Radial Bond Digital	8.92	2.75	100.00
WVF3FT	14.35					
WVFCAL	14.35					
WVFS1	14.35					
WVFS2	14.35					
WVFS3	14.35					
WVFS4	14.35					
WVFS5	14.35					
WVFS6	14.35					
WVFS7	14.35					
WVFS8	14.35					
WVF5FT	13.35					
			PTS275	2.83	2.75	
CCL	6.36					
			GR_CCL-Probe (080538) Probe Gamma CCL	4.54	2.75	100.00
GR	3.63					
			2.75 2 3/4" Tekco Adjustable Centralizer	2.73	2.75	25.00

Dataset:	Small Eyed 14C-35HZ_RBL.db: field/well/run1/pass3
Total Length:	21.85 ft
Total Weight:	225.00 lb
O.D.	2.75 in

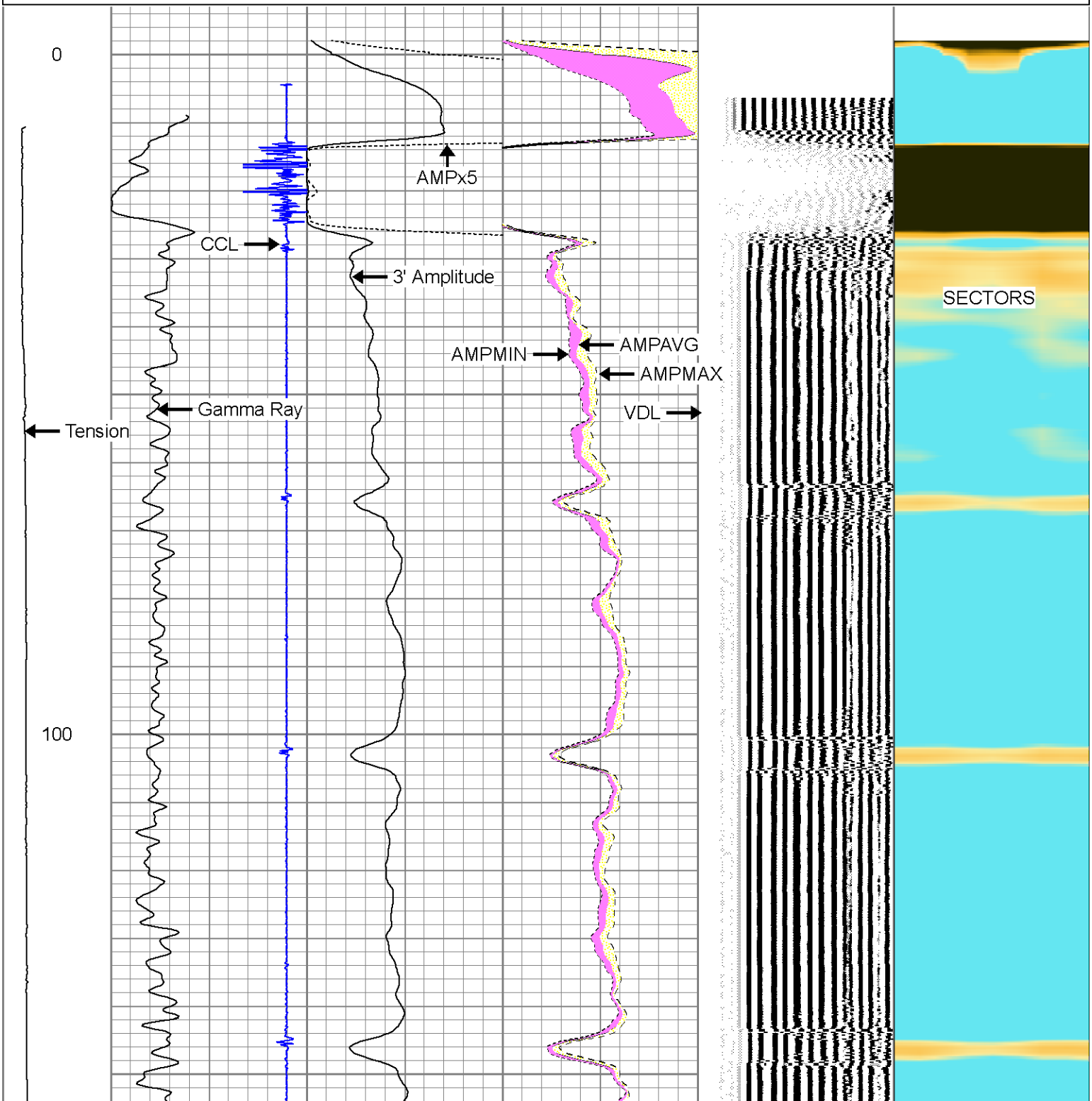
MAIN PASS

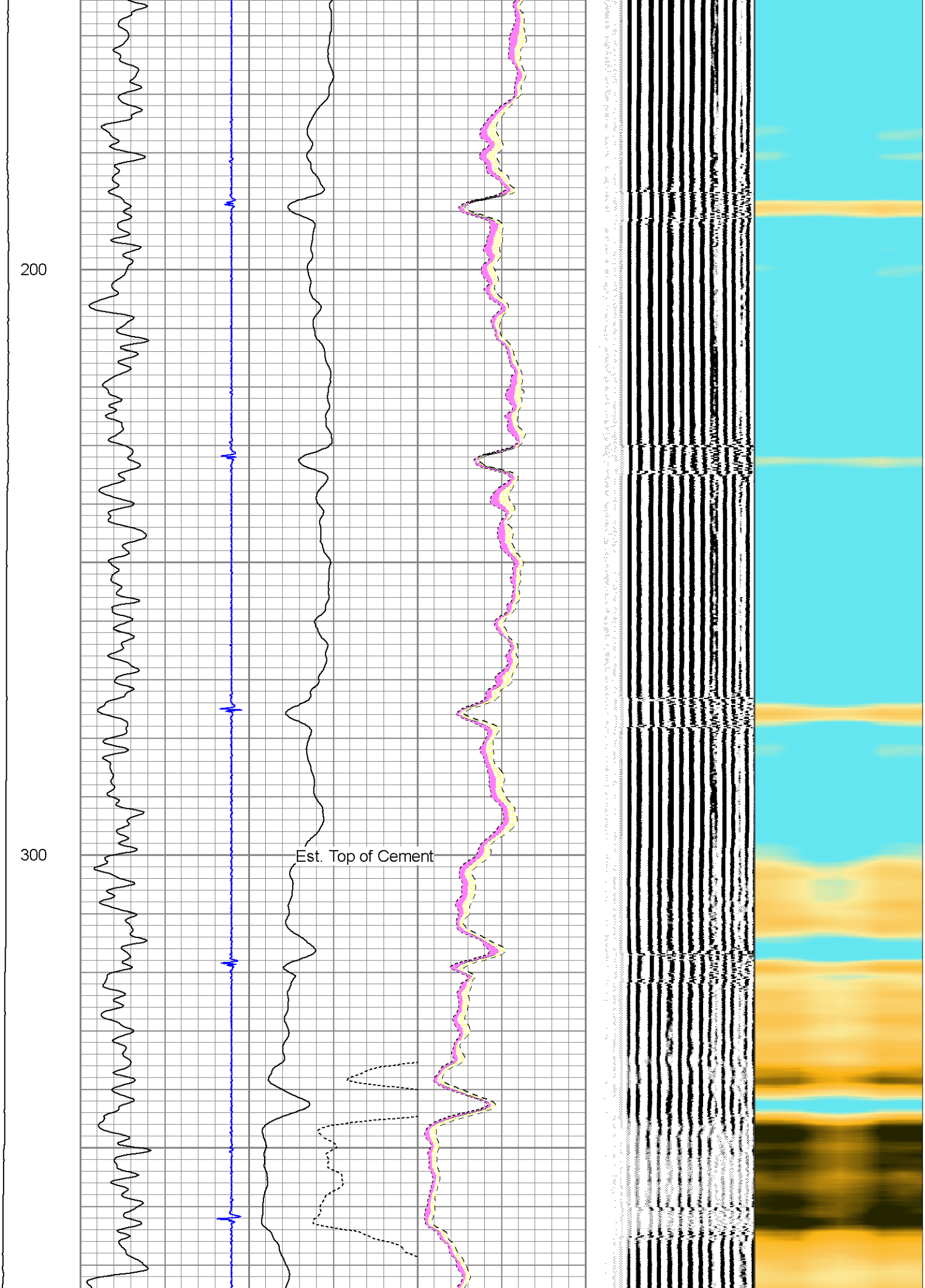
LOGGED WITH 2800 PSI APPLIED AT WELLHEAD

PIONEER
Pioneer Energy Services

Database File:	small eyed 14c-35hz_rbl.db
Dataset Pathname:	MAIN
Presentation Format:	scbl02
Dataset Creation:	Wed Oct 01 12:15:31 2014
Charted by:	Depth in Feet scaled 1:240

Tension	CCL	3' Amplitude	AMPAVG	VDL	SECTOR MAP
0 (lb) 1600	-9 CCL 1	0 (mV) 100	0 AMPAVG 150	200 VDL 1200	1 SECTOR MAP 8
	Gamma Ray		0 AMPMAX 150		10 60
	0 (GAPI) 200	0 AMPx5 (mV) 20	0 AMPMIN 150		

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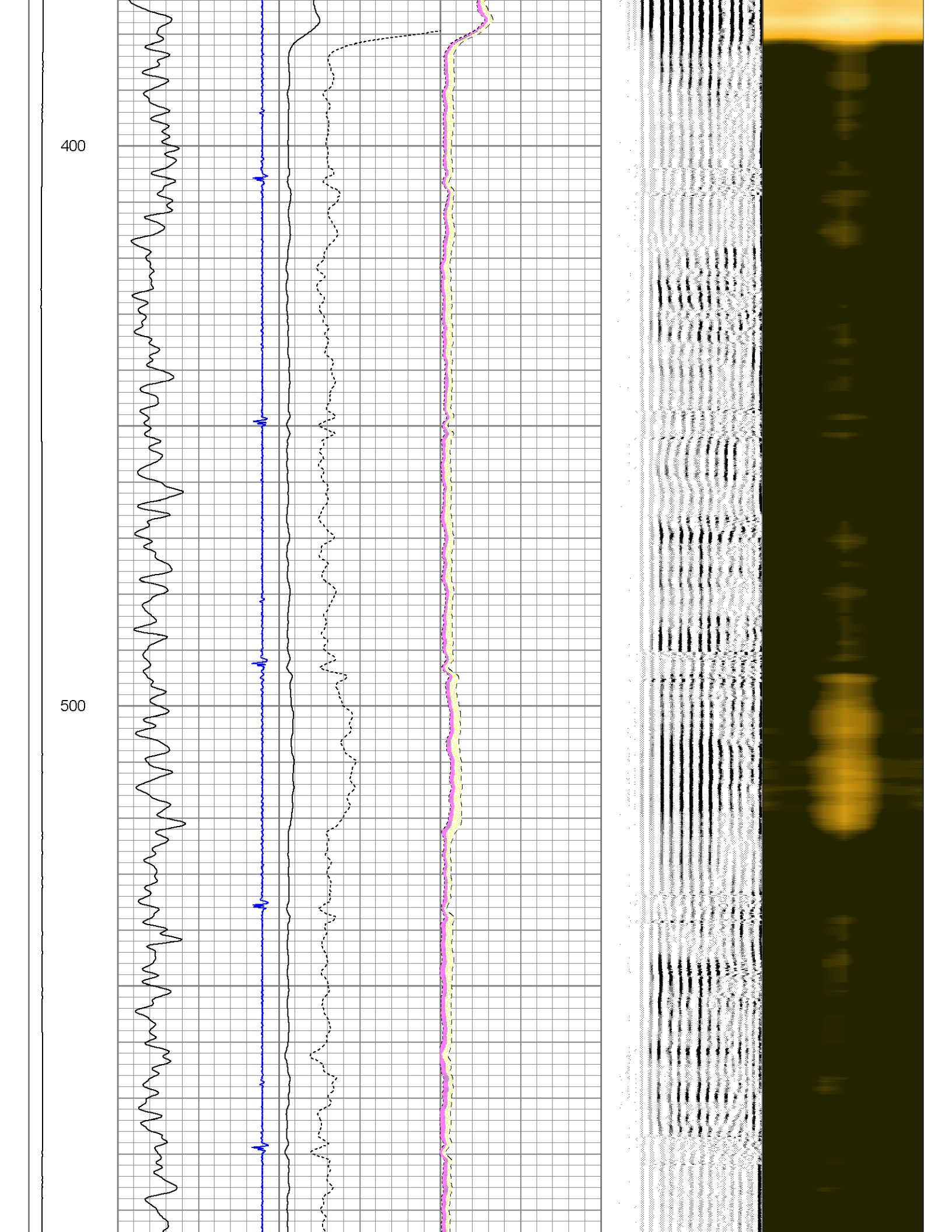
300
Est. Top of Cement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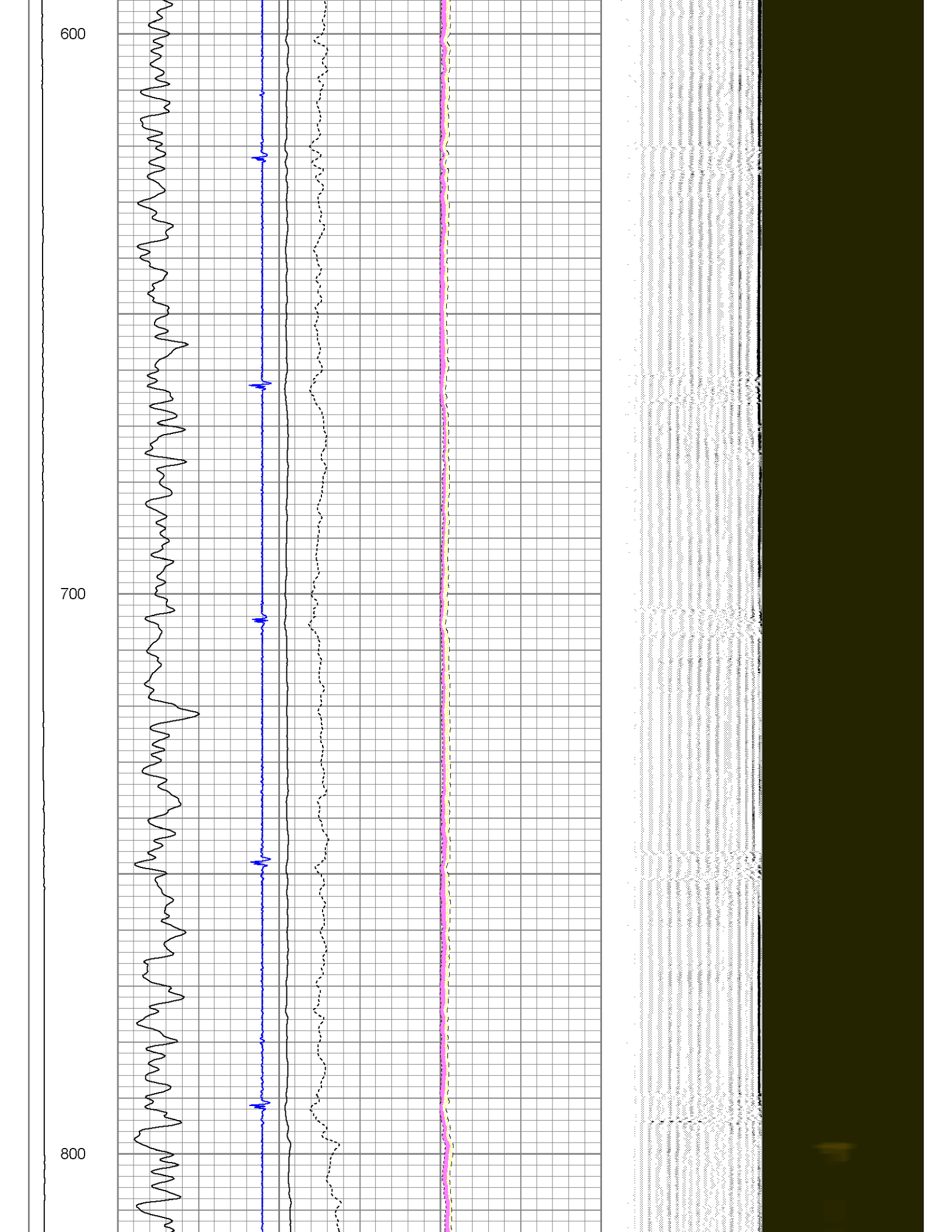
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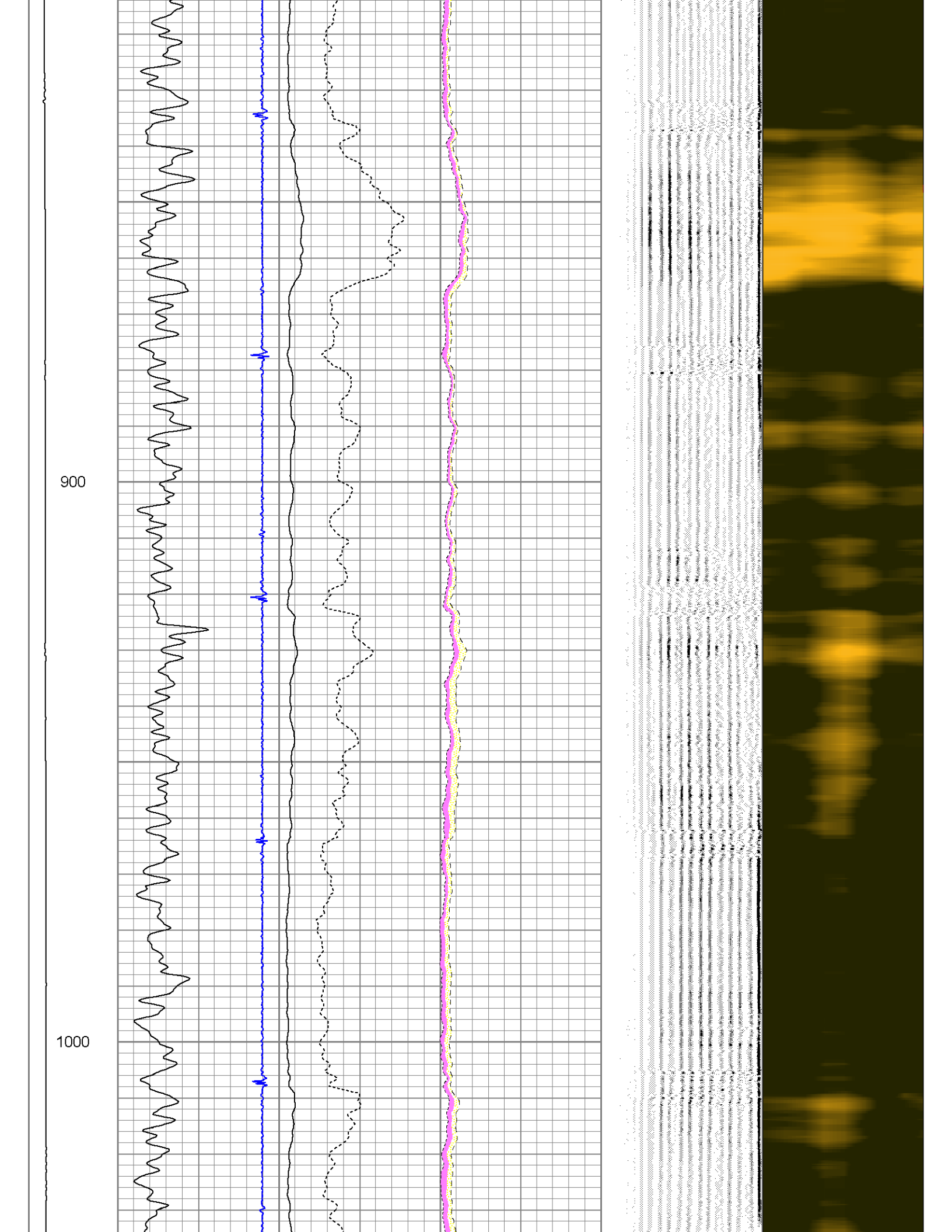
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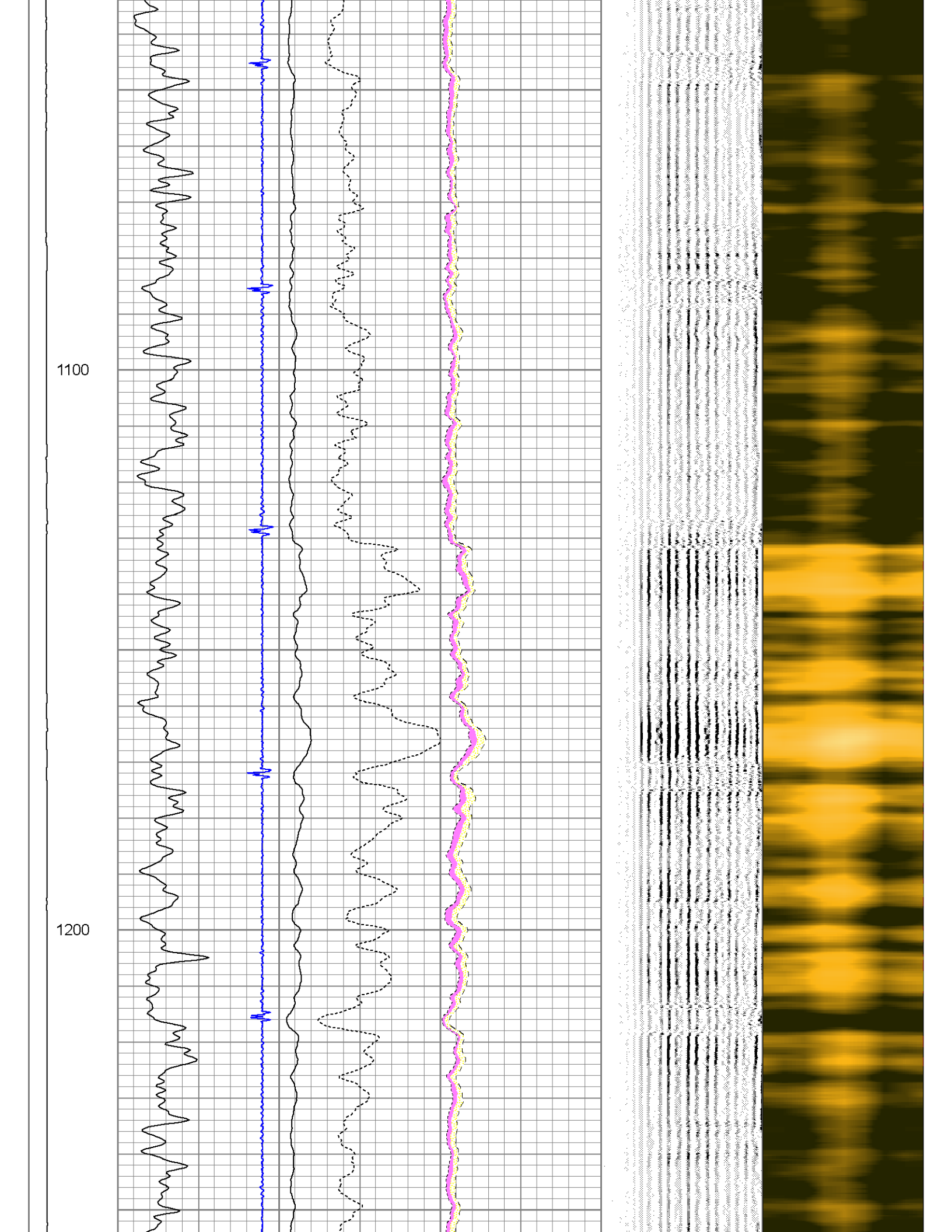
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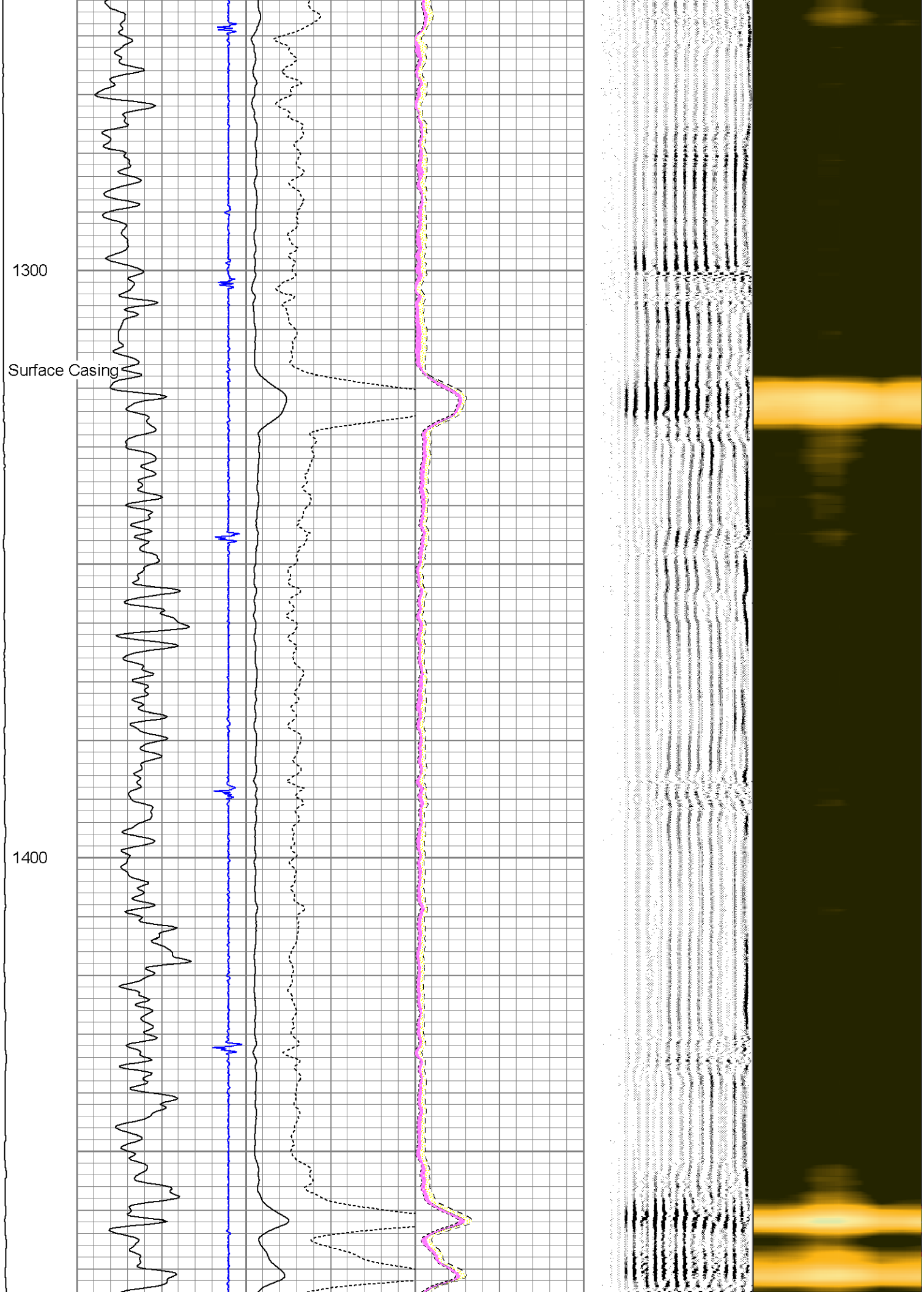
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Surface Casing
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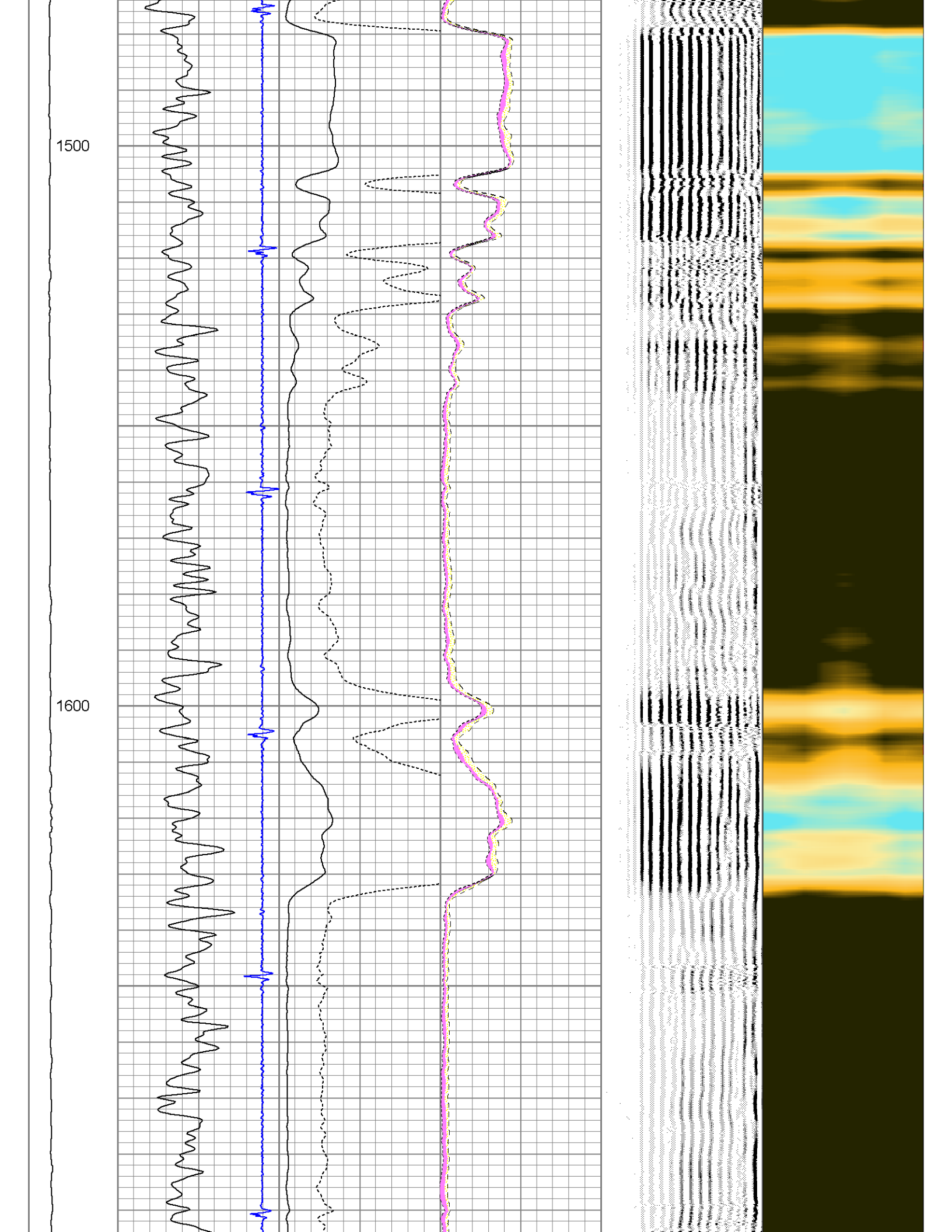
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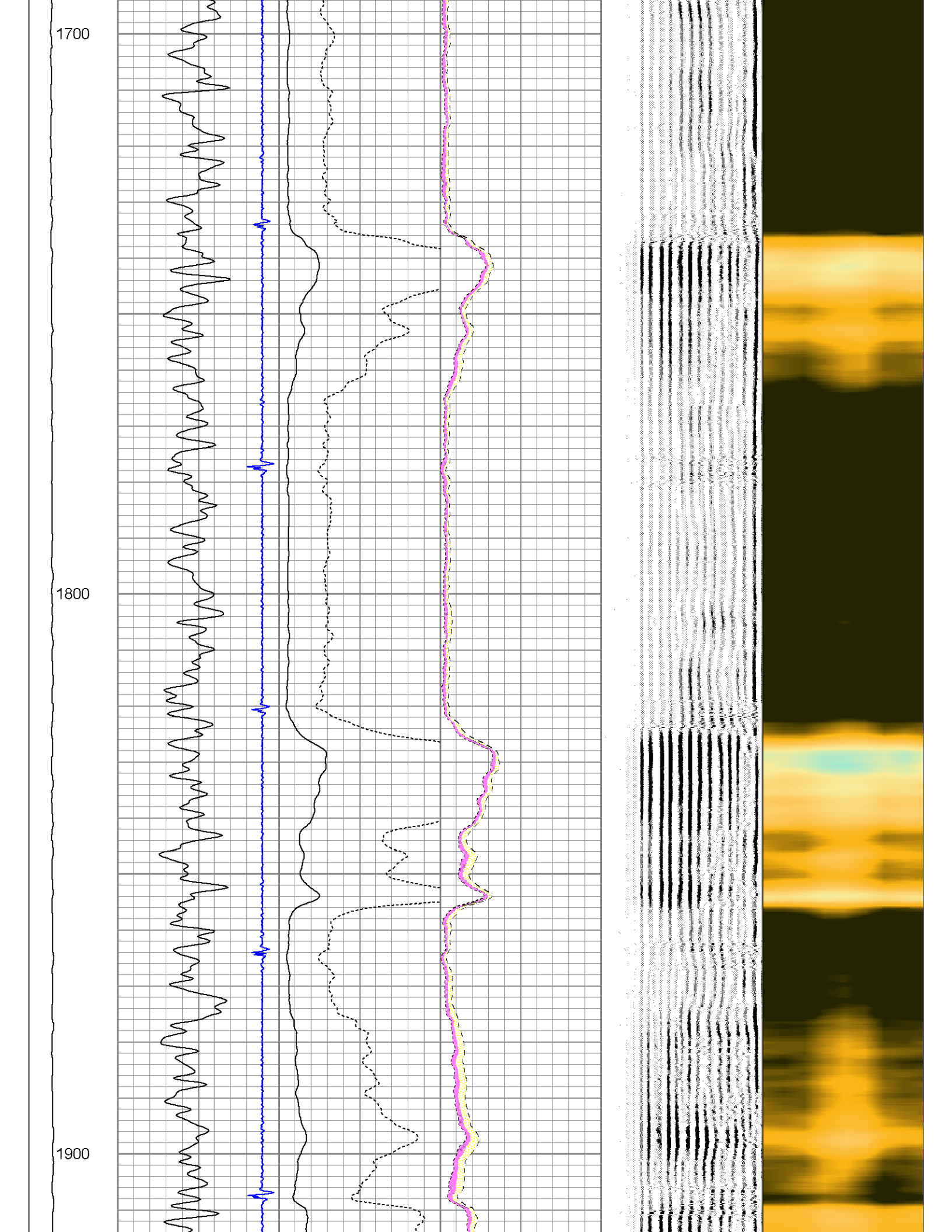
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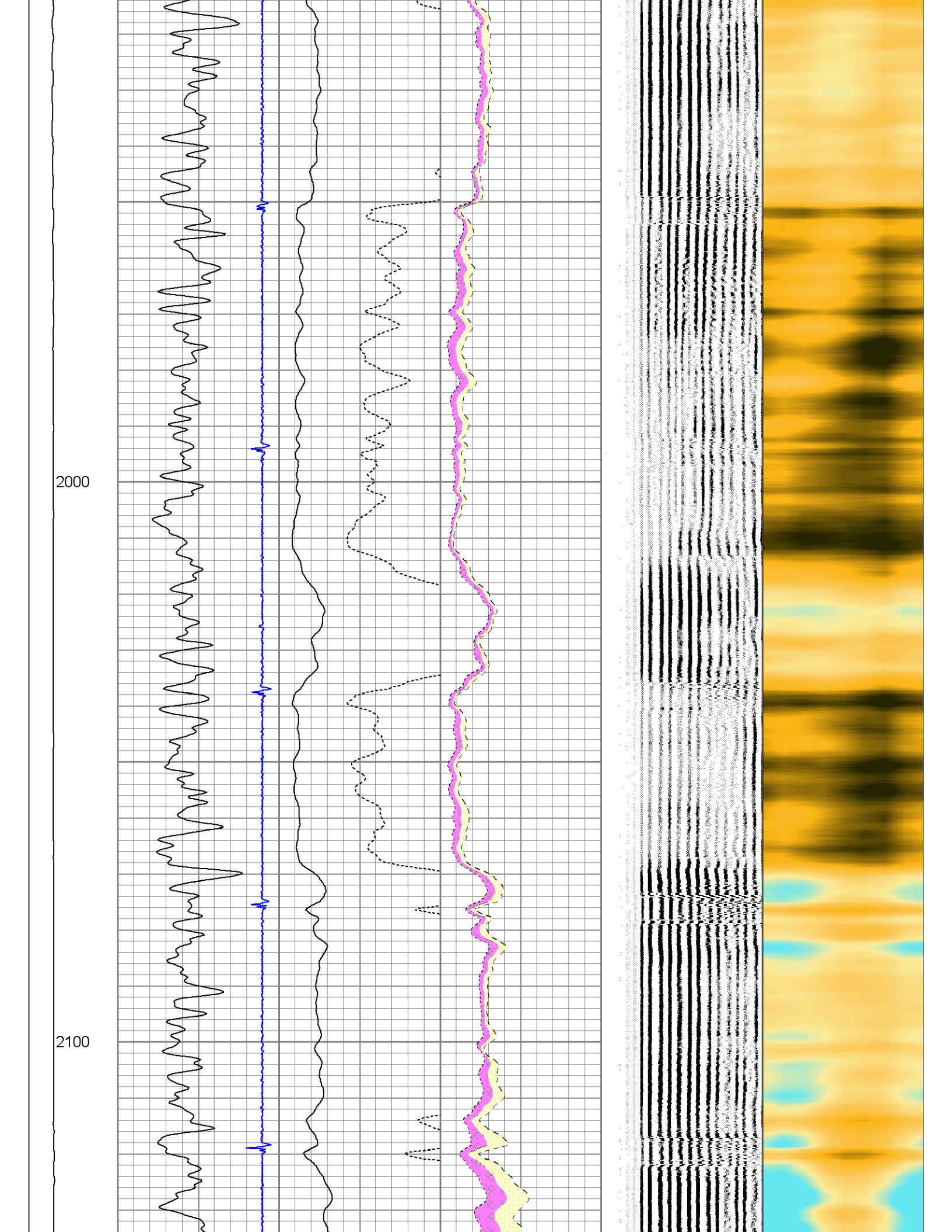
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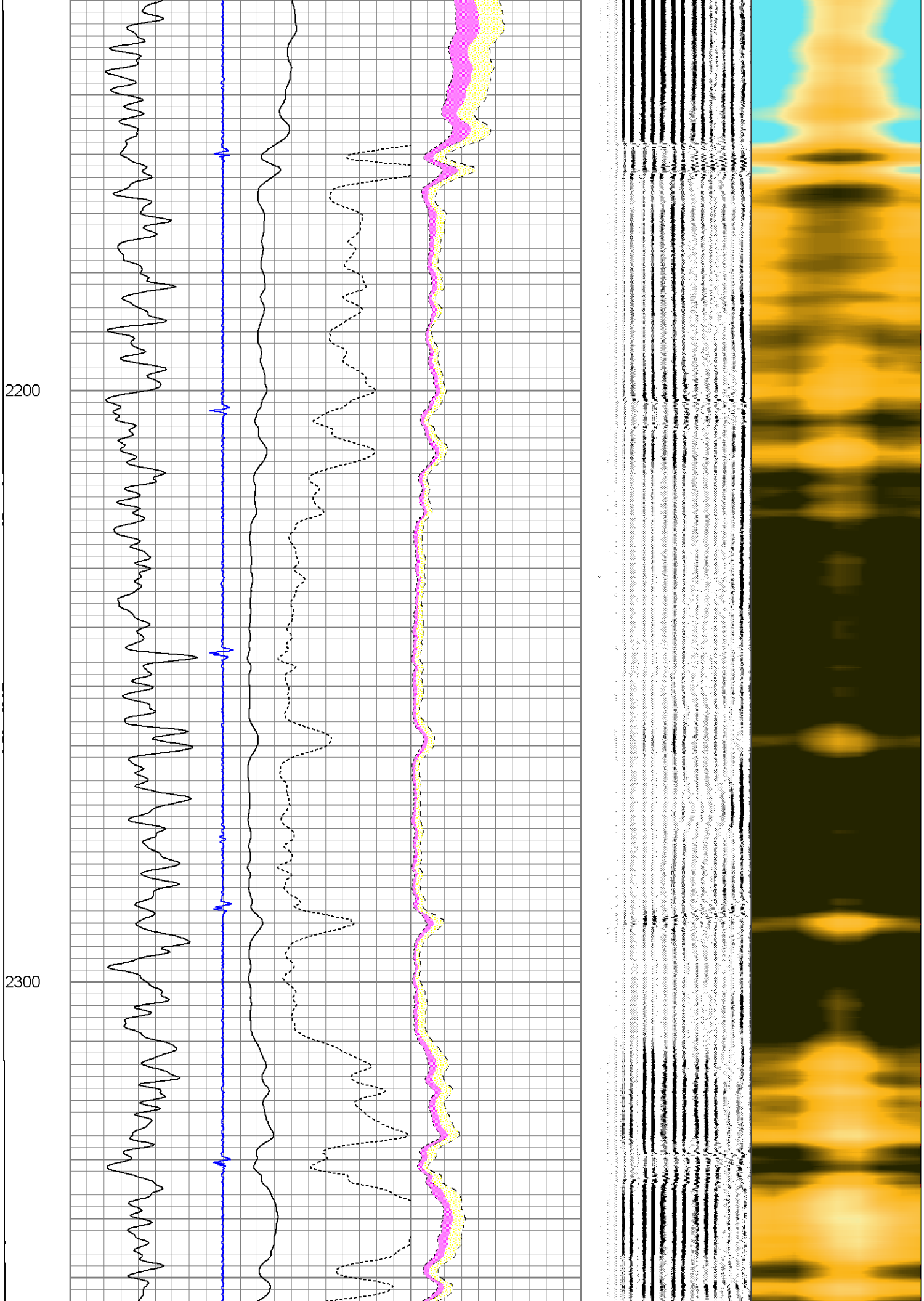
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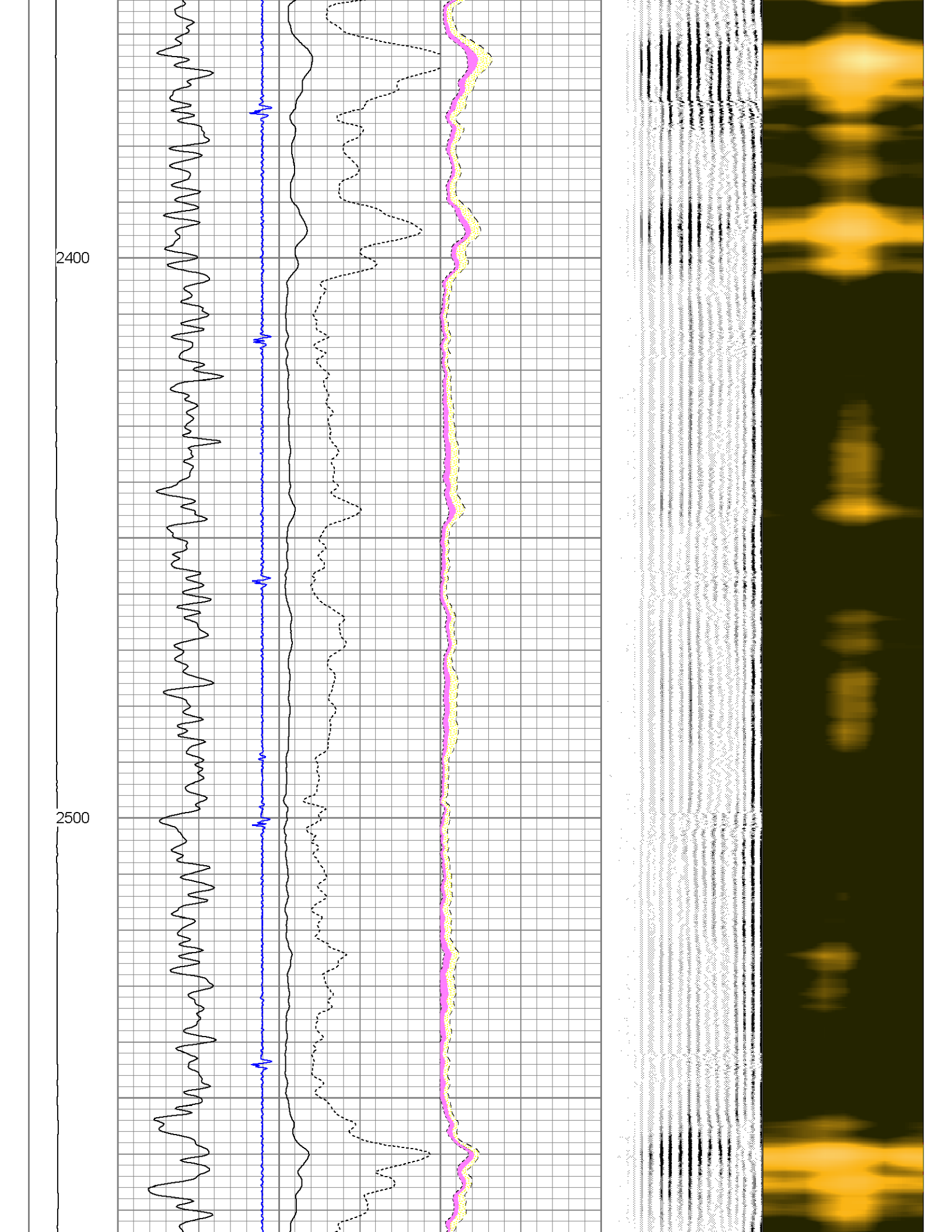
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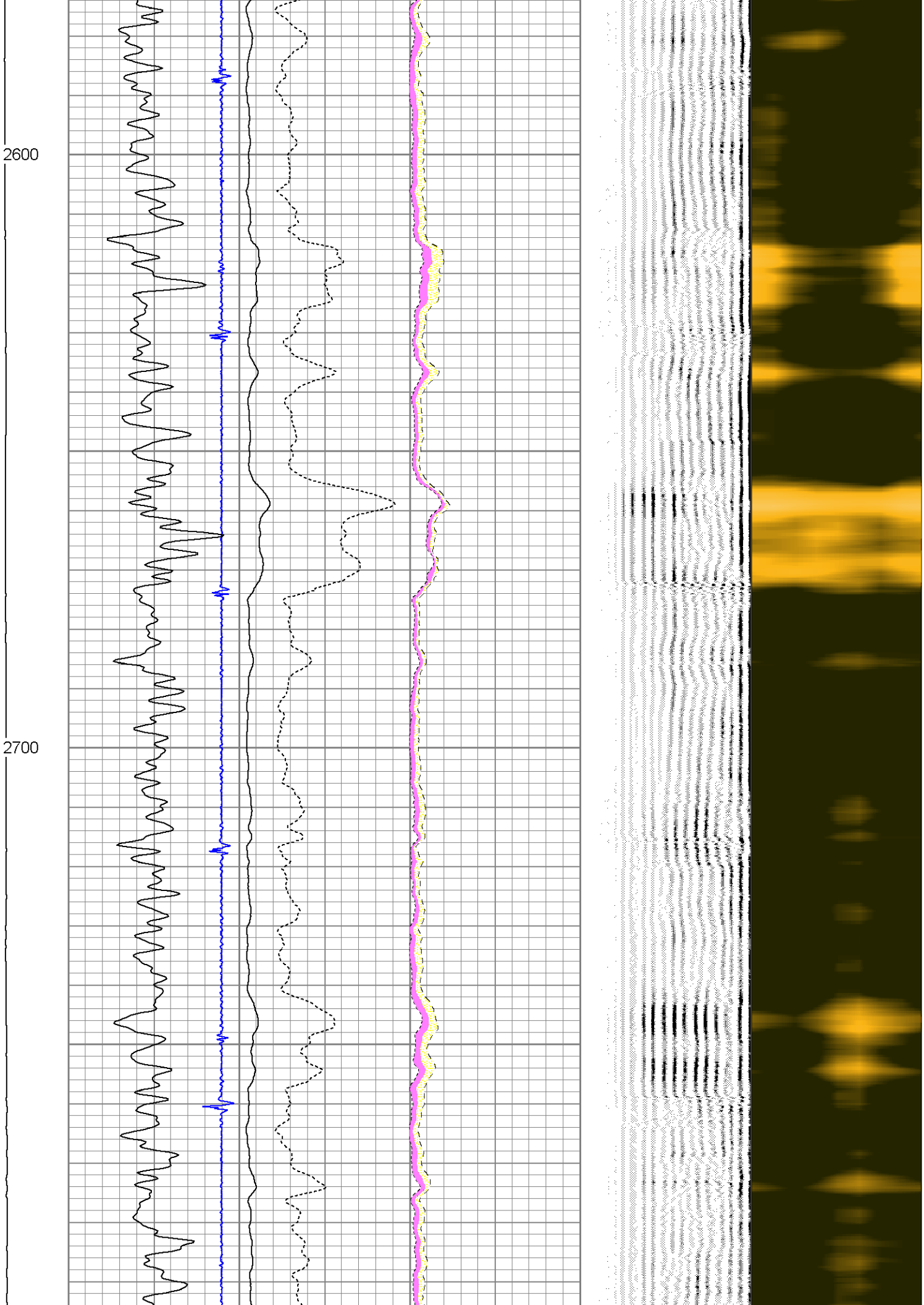
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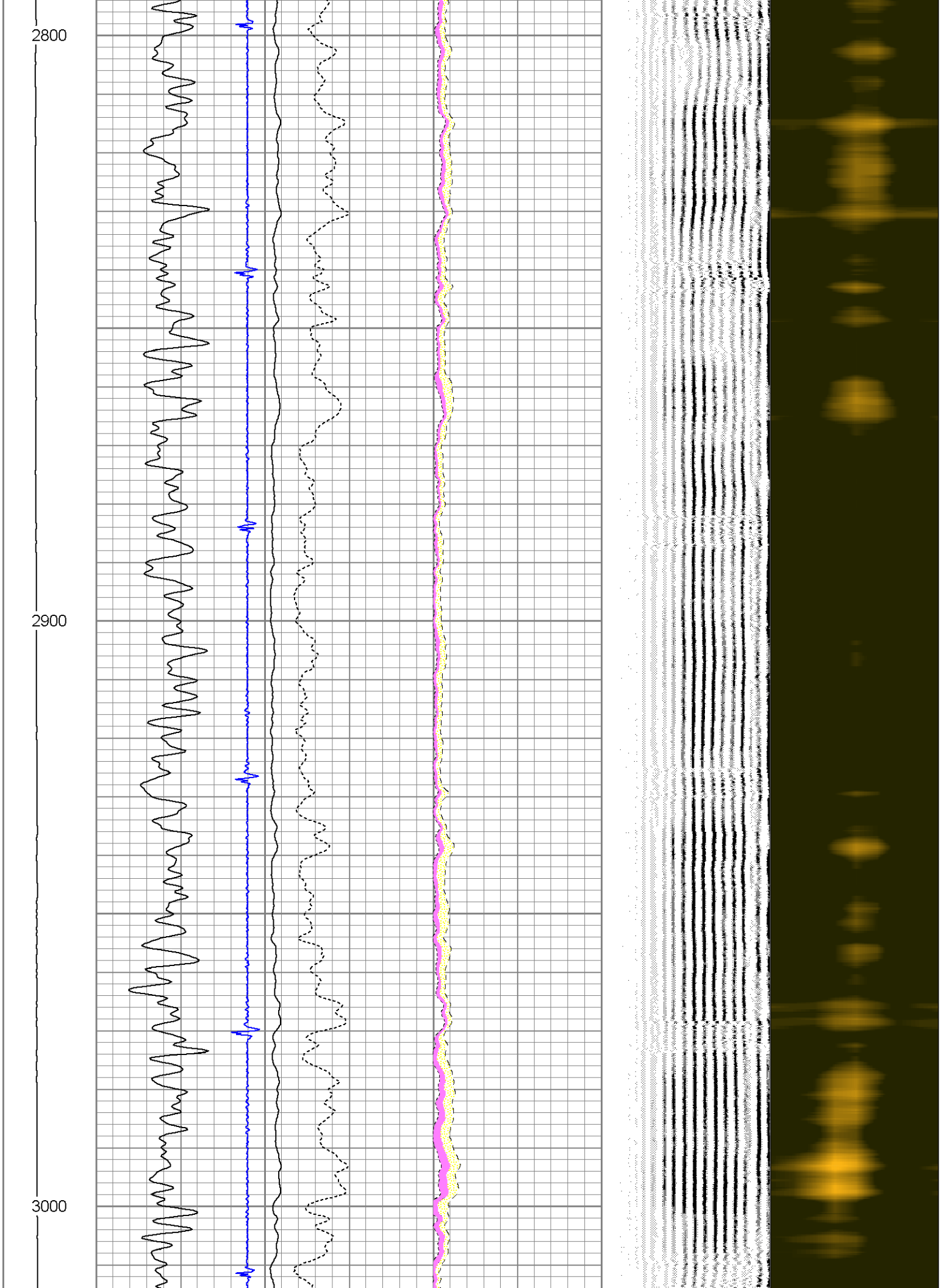
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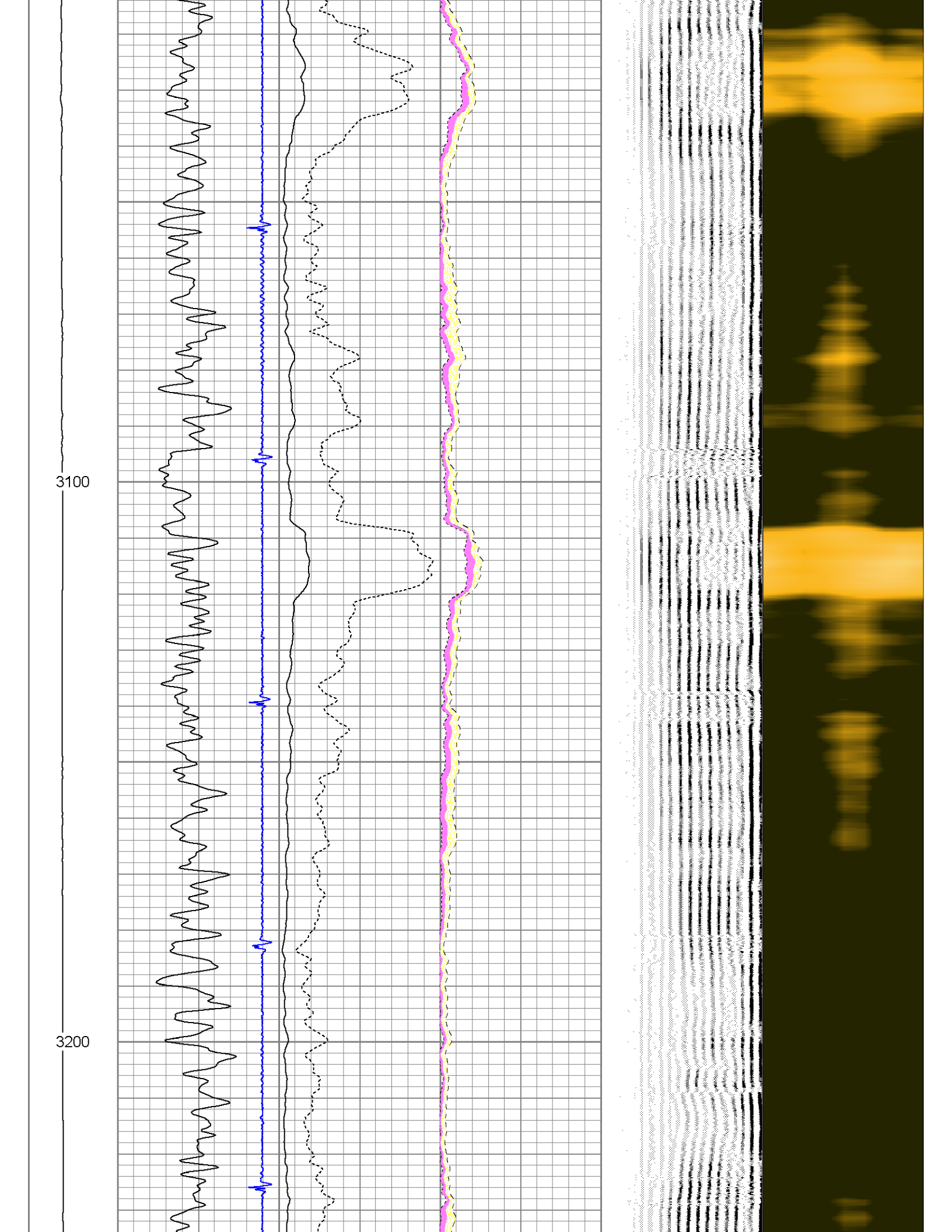
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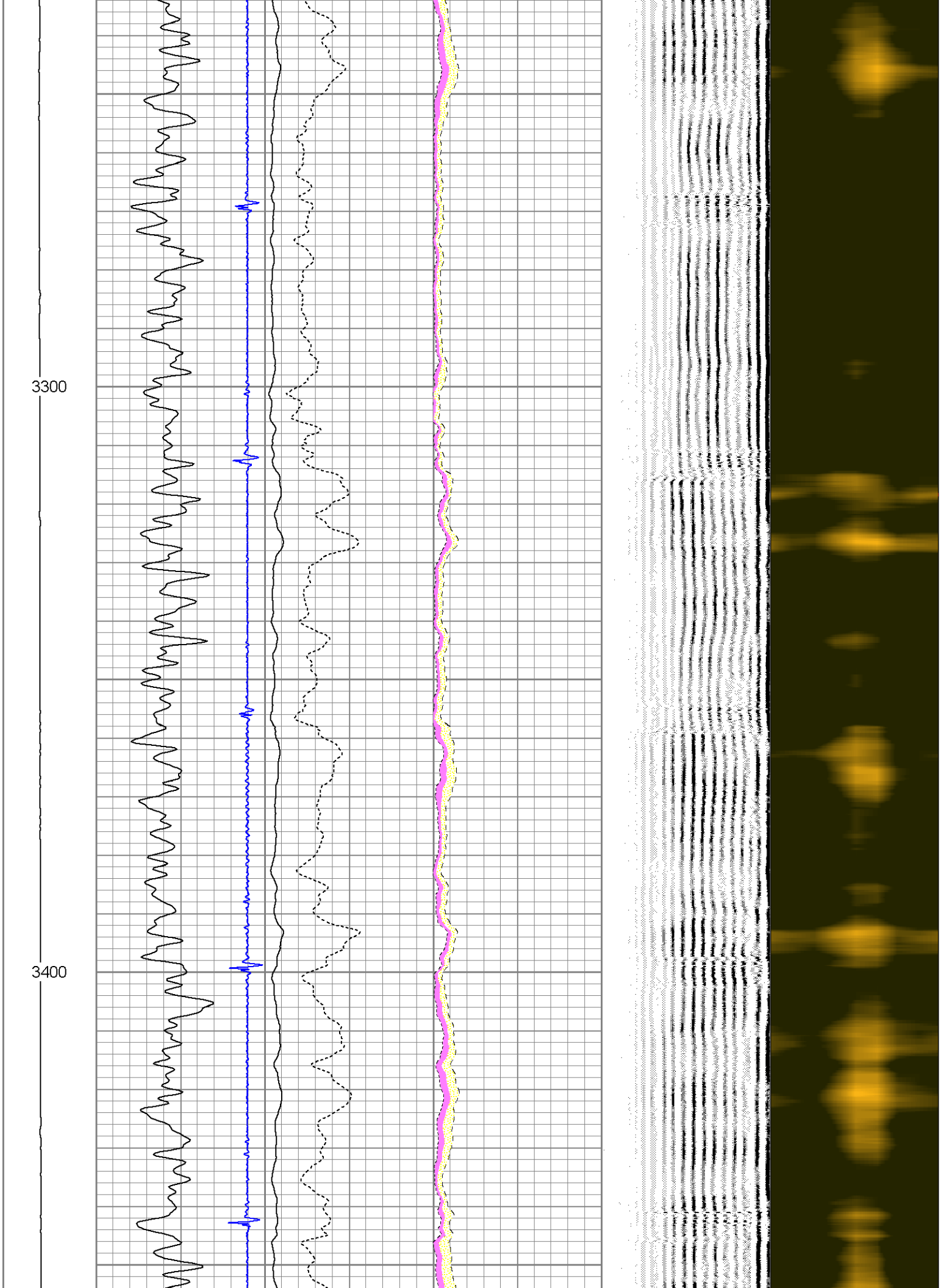
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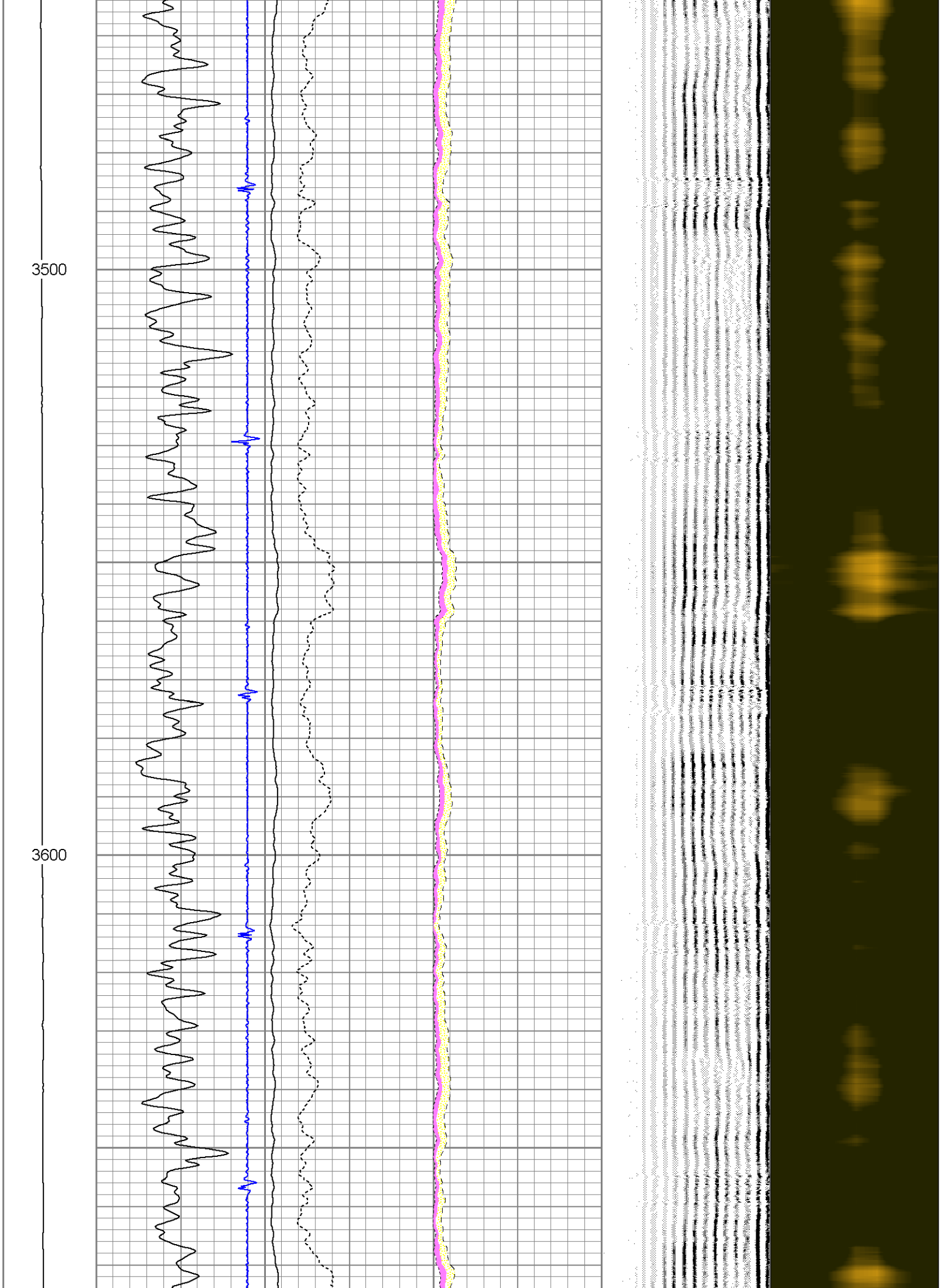
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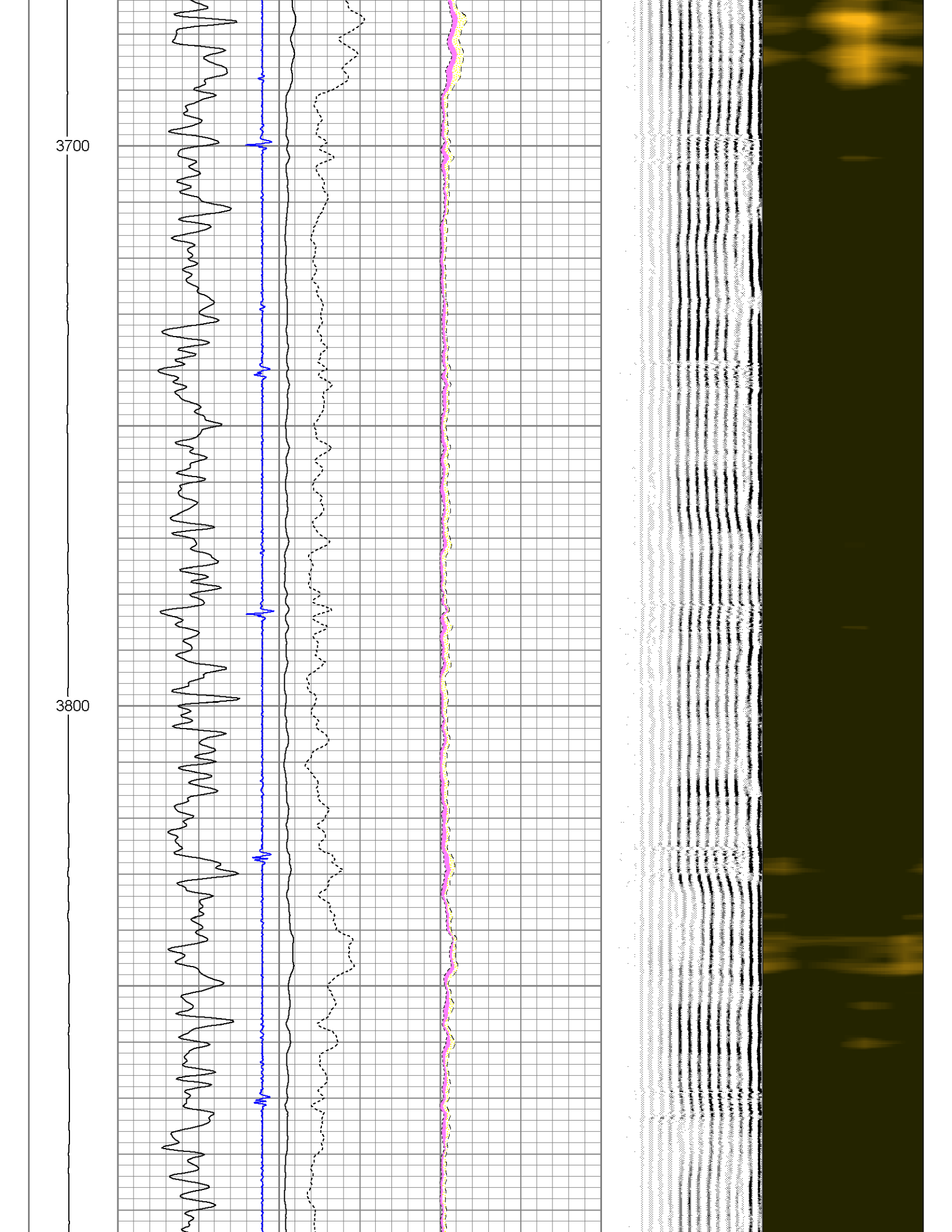
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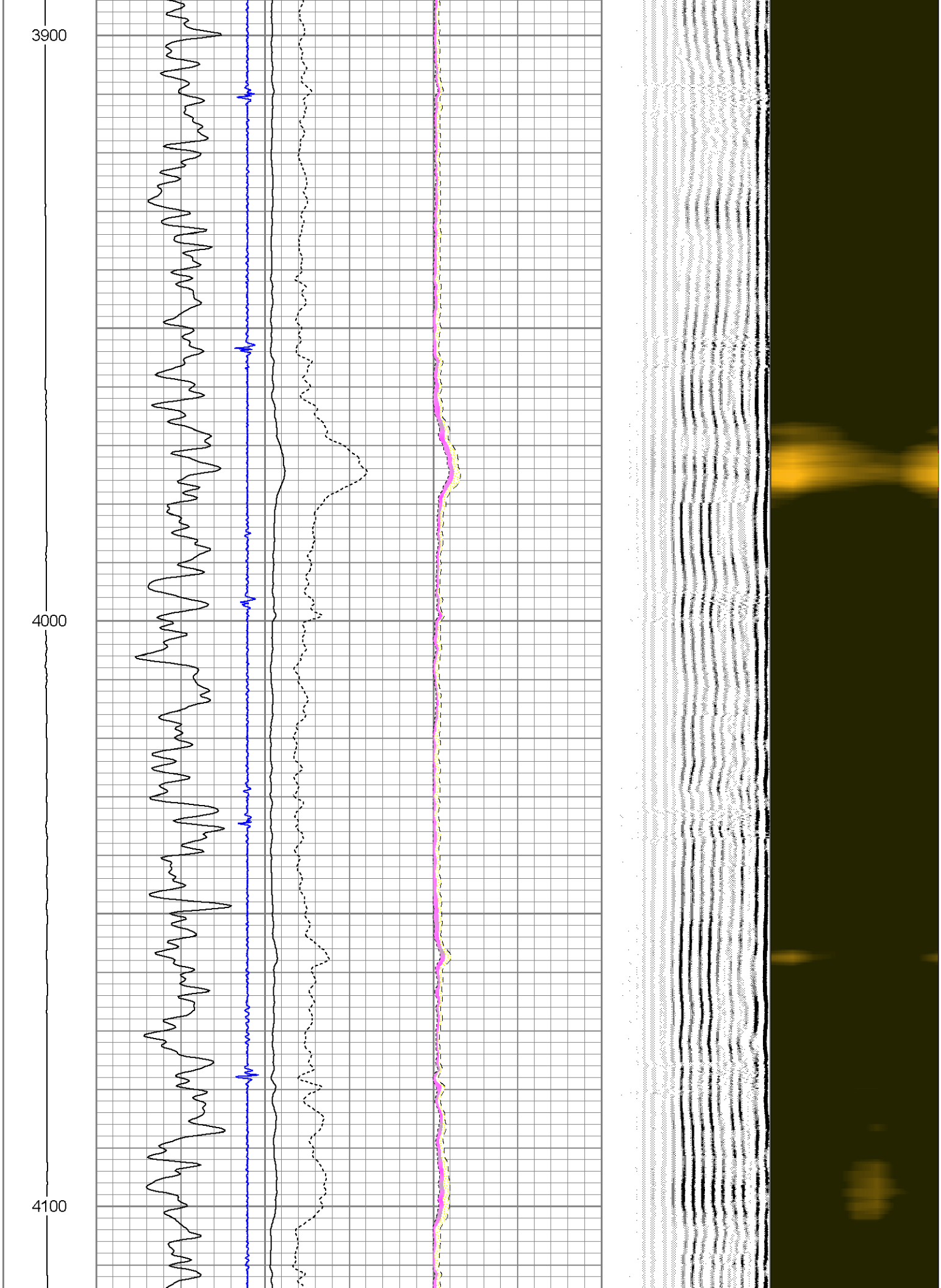
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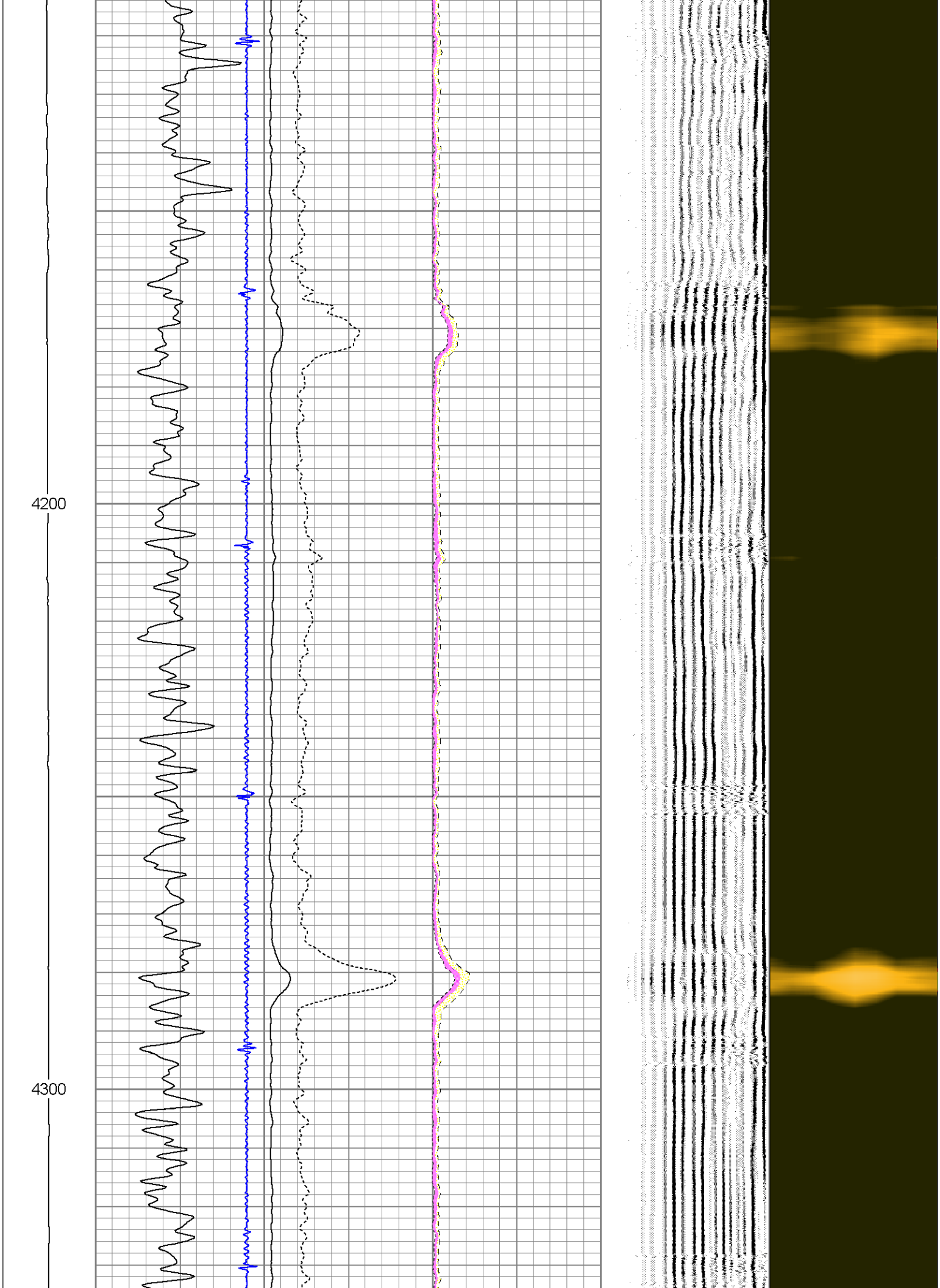
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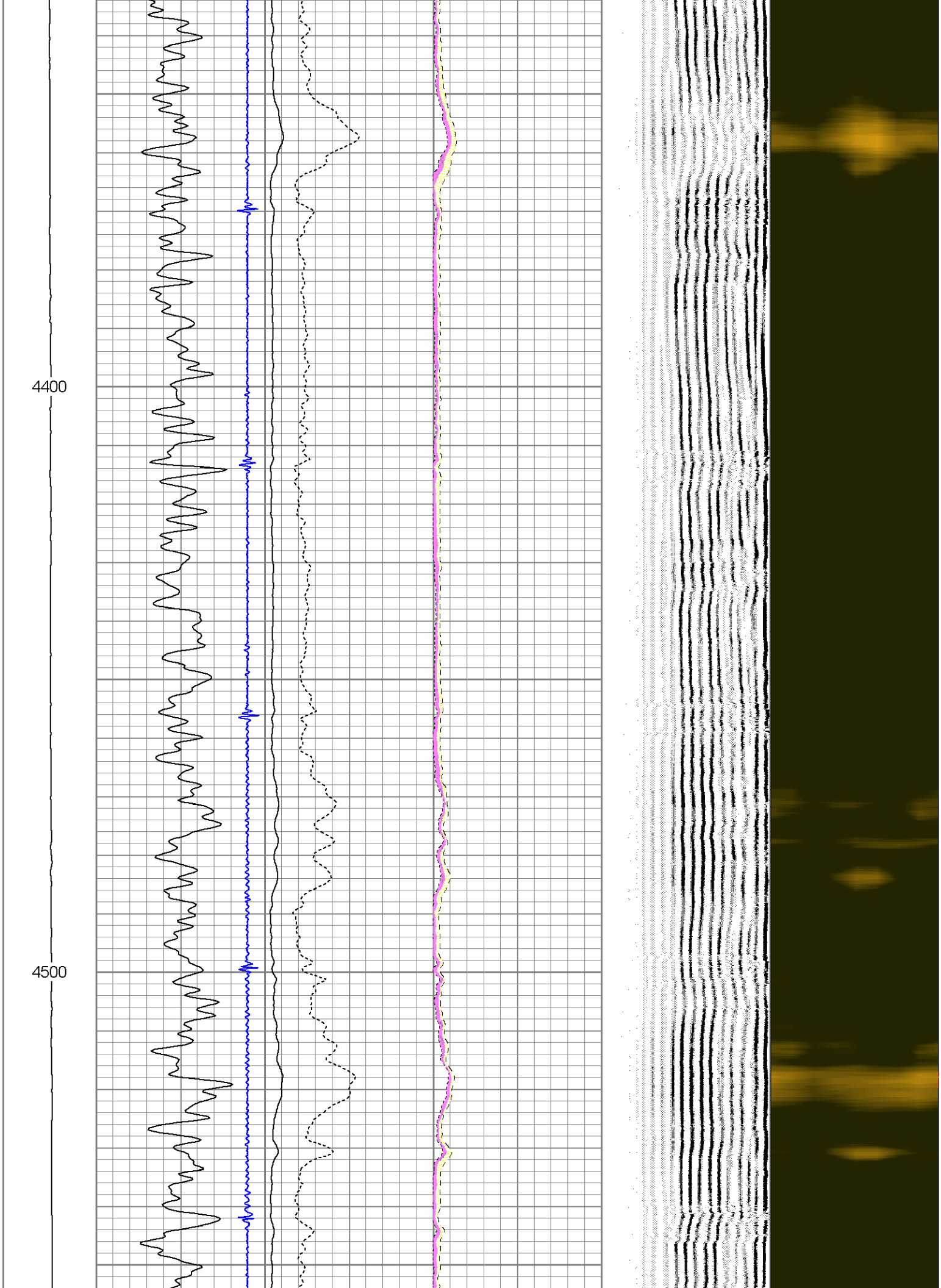
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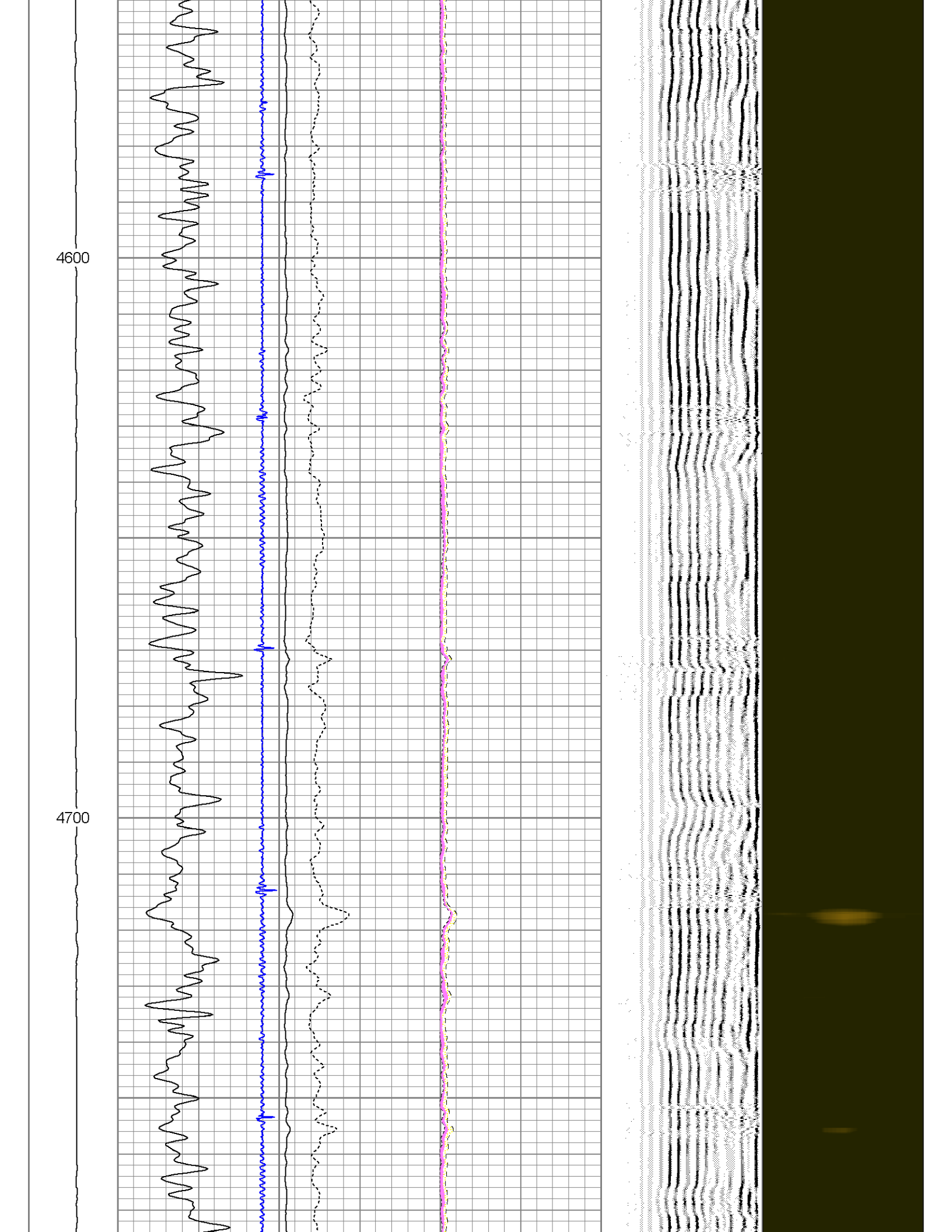
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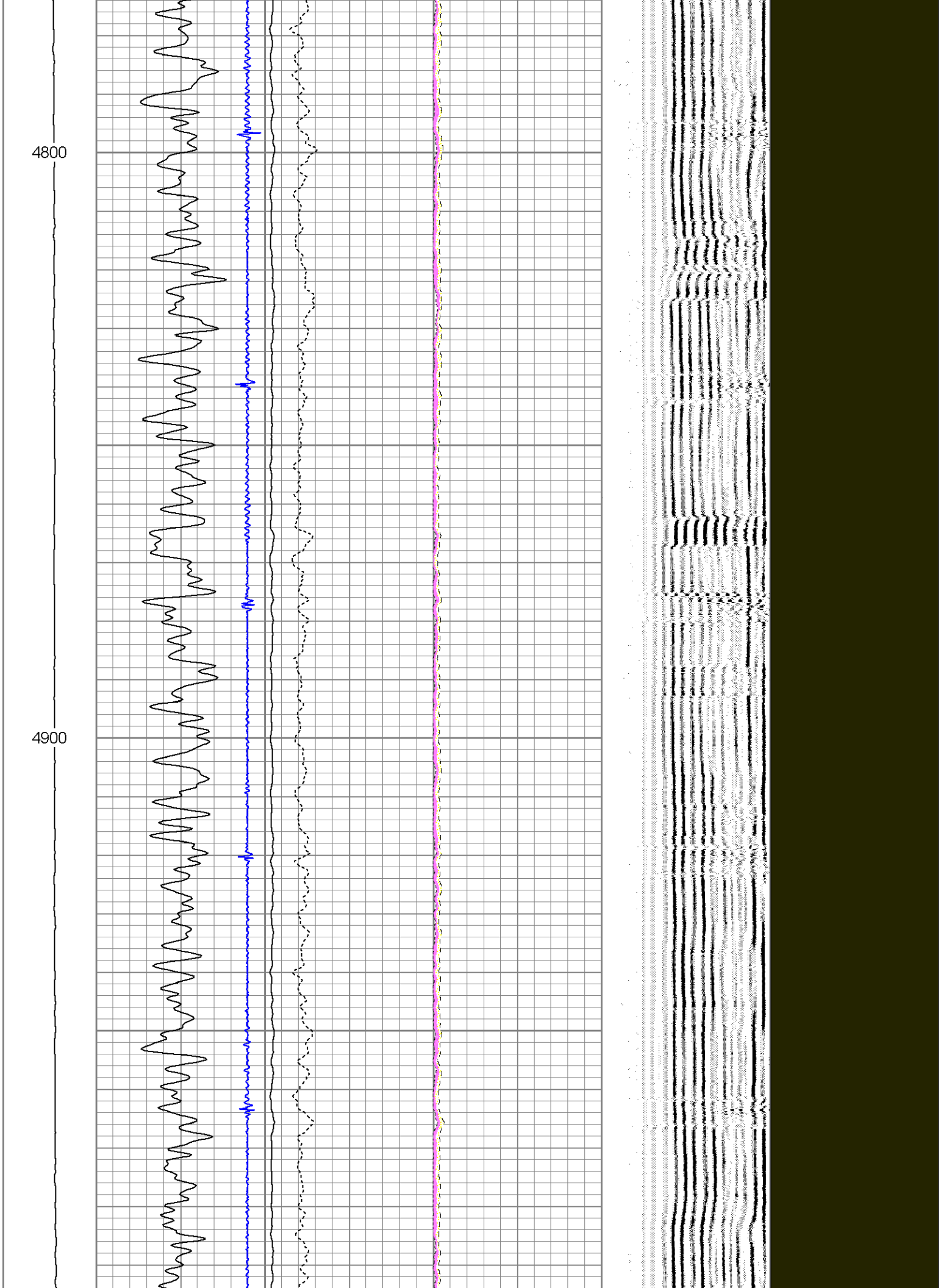
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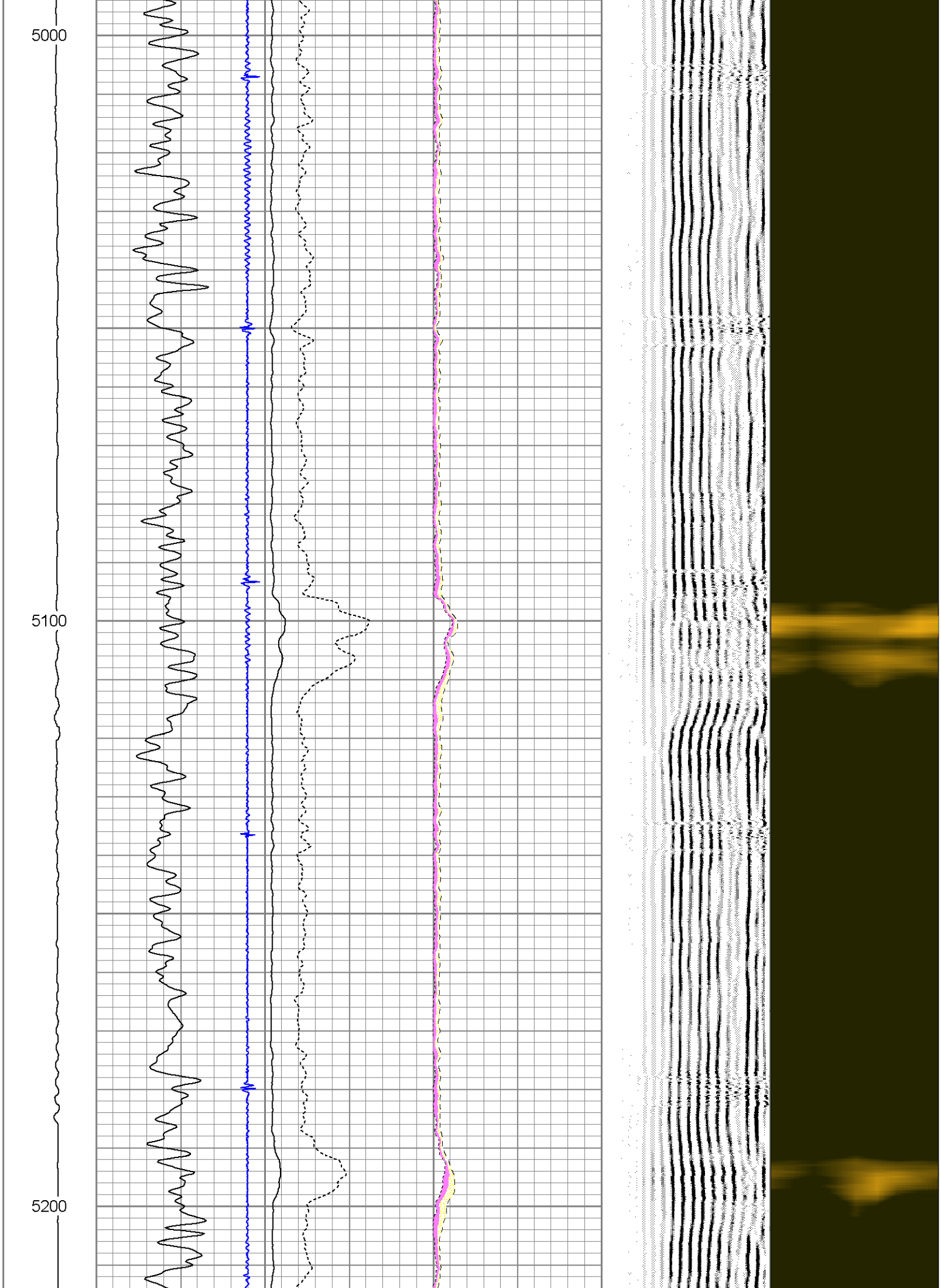
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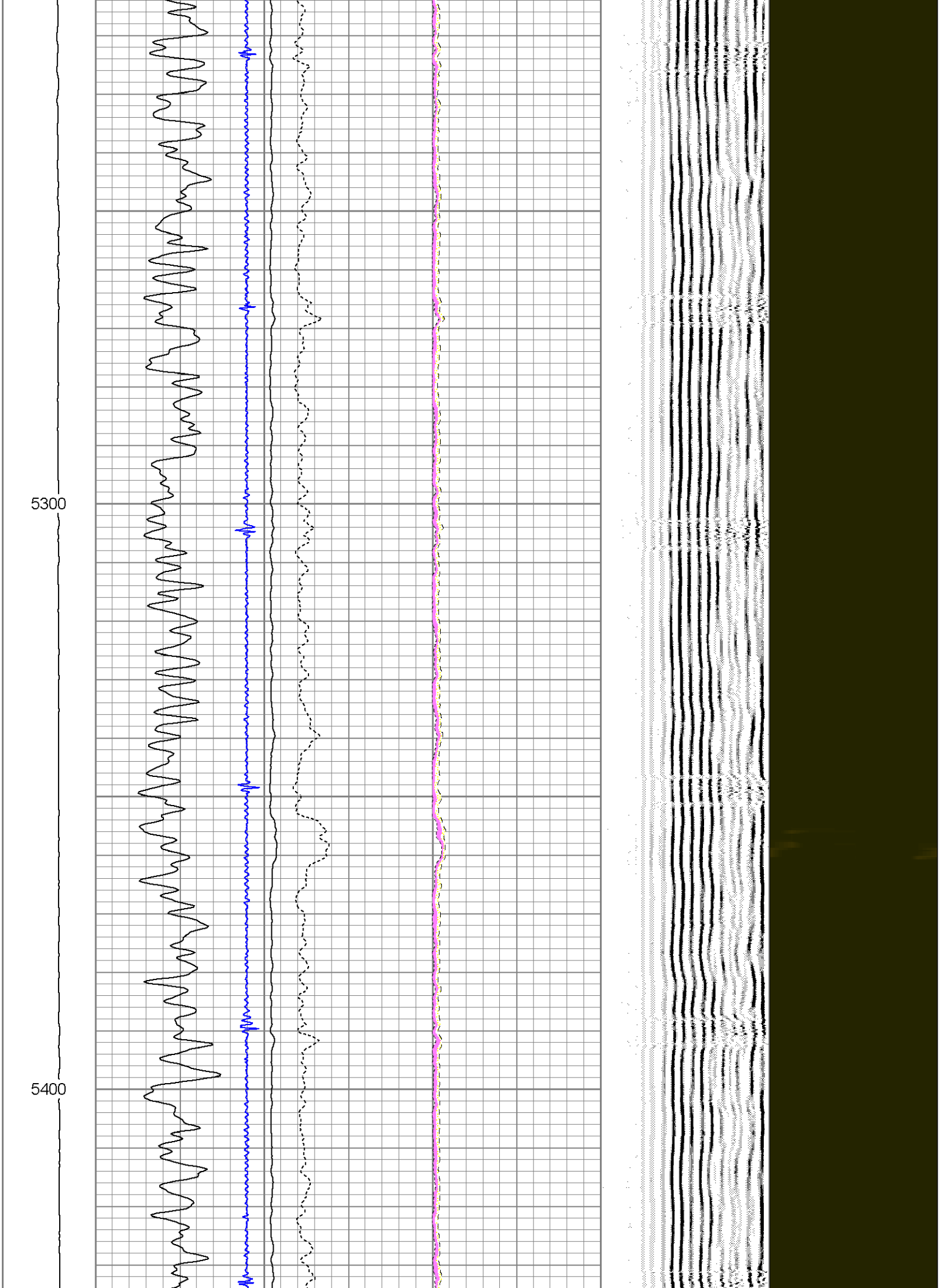
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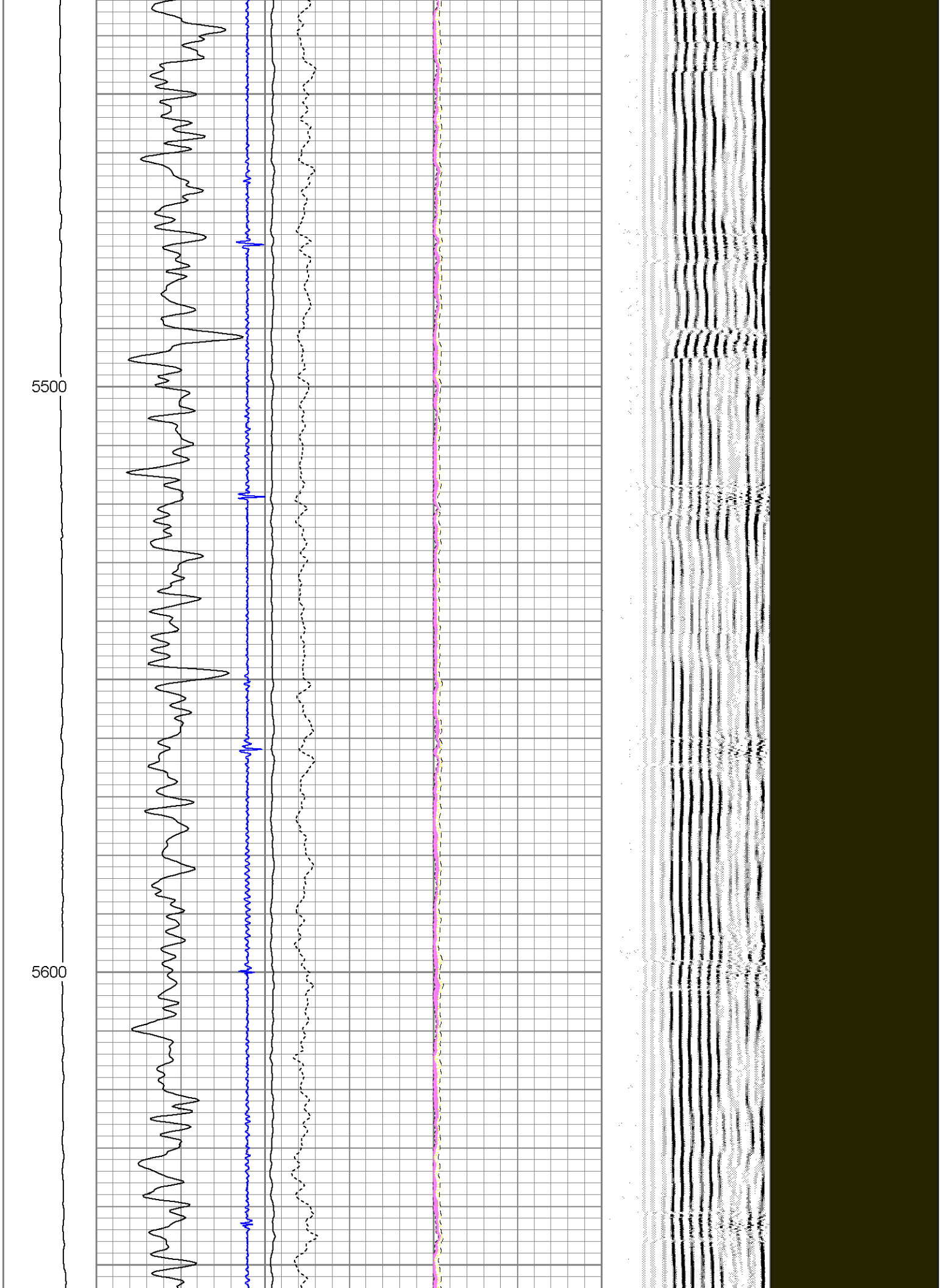
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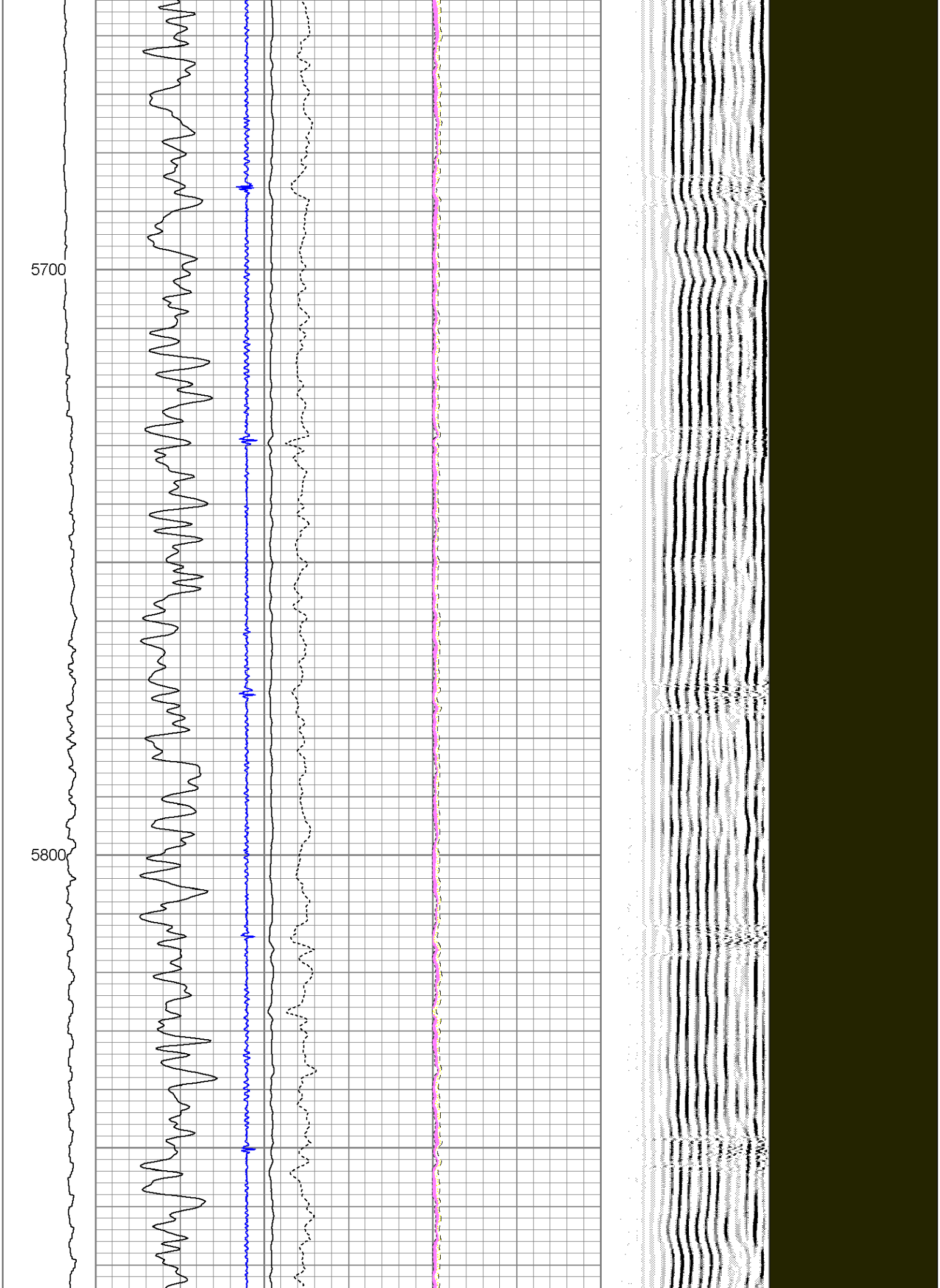
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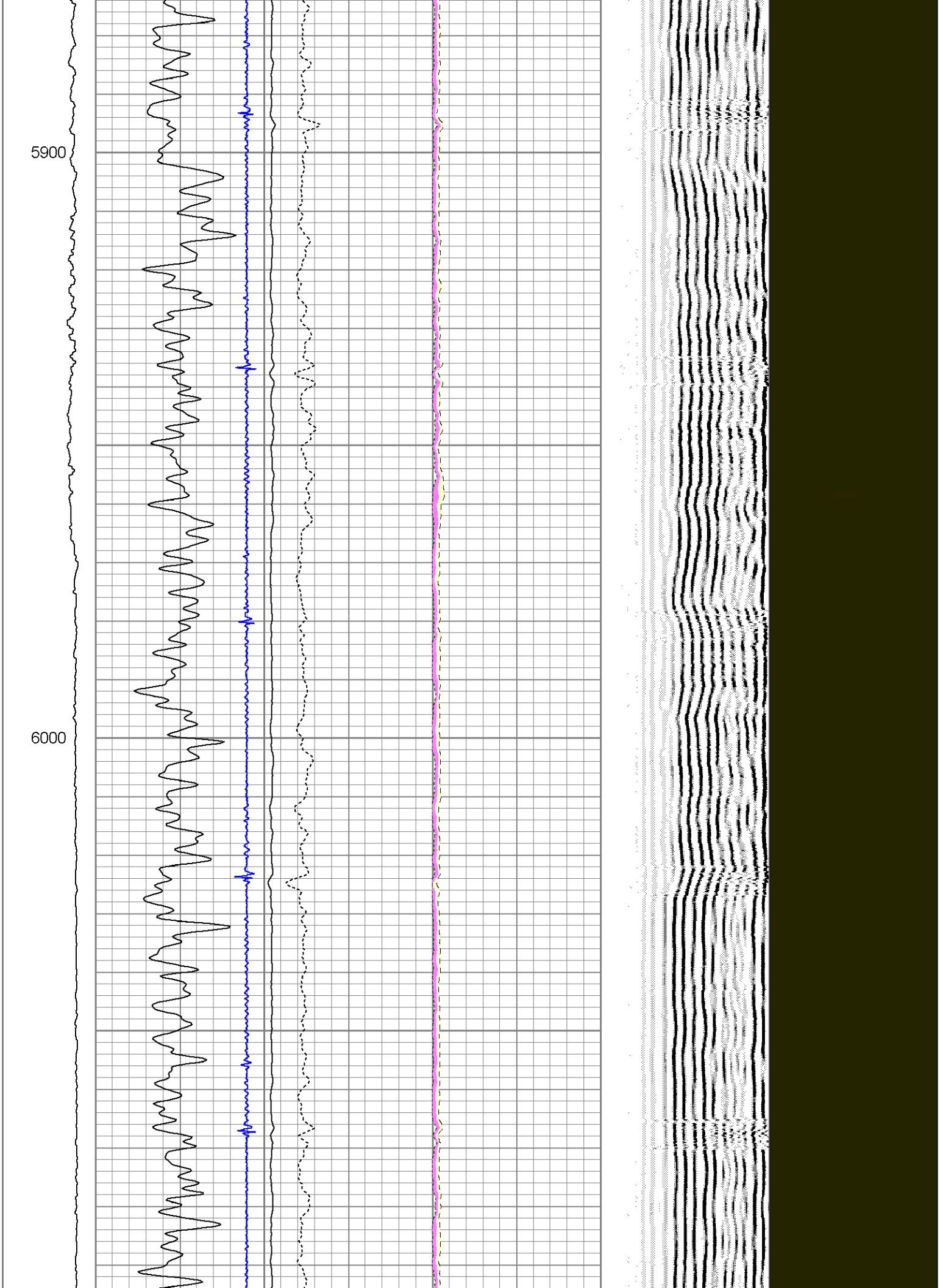
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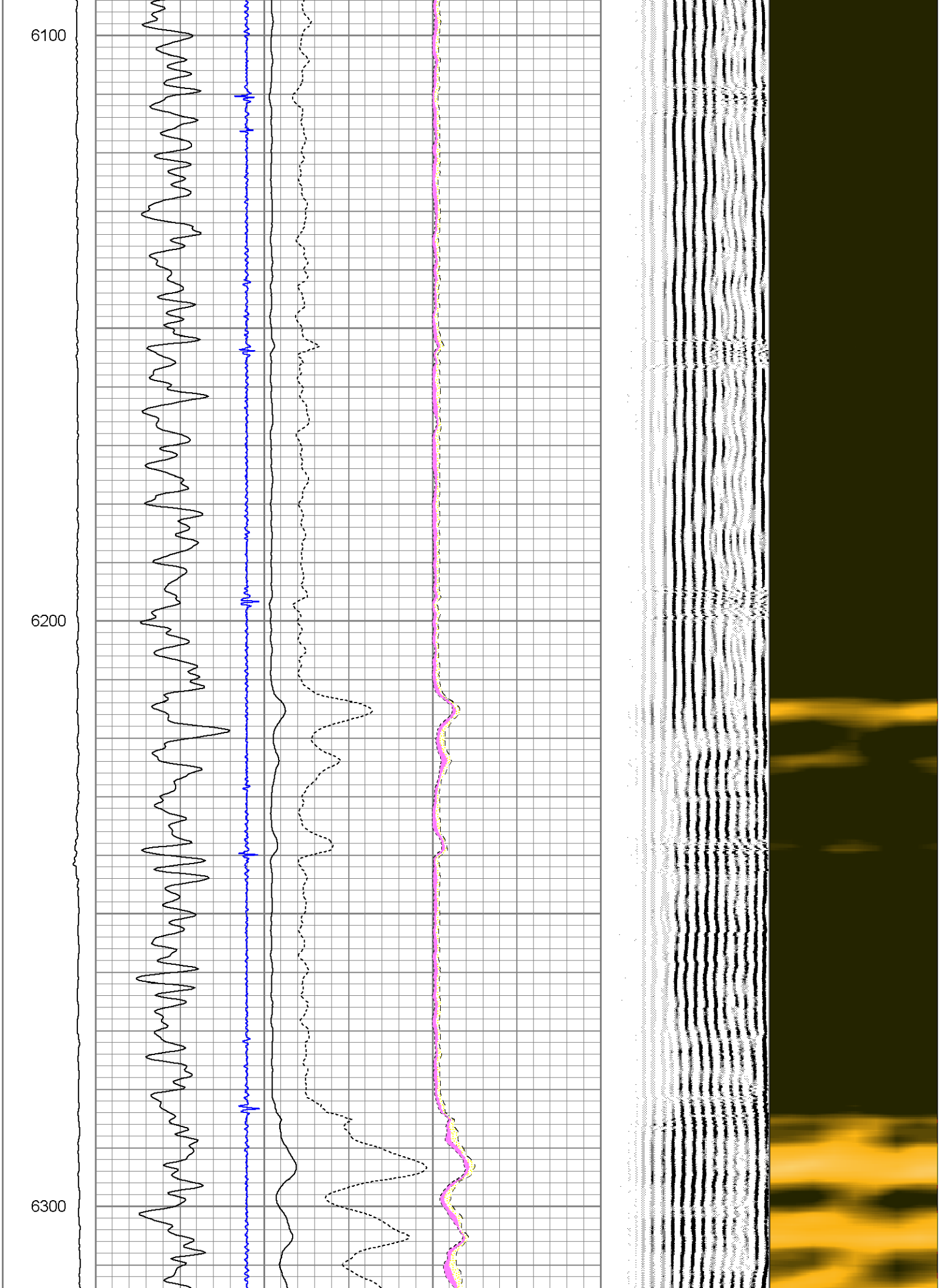
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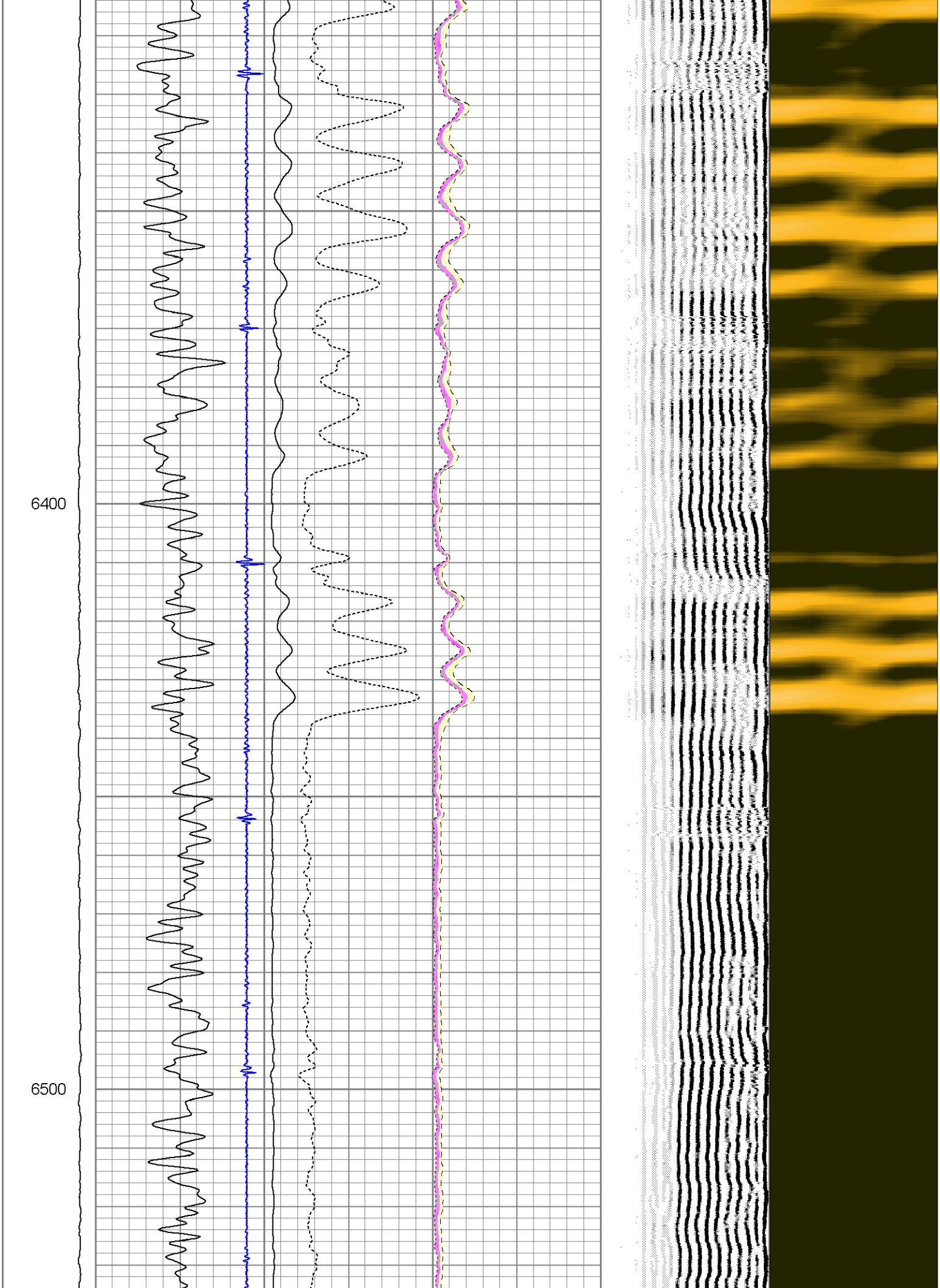
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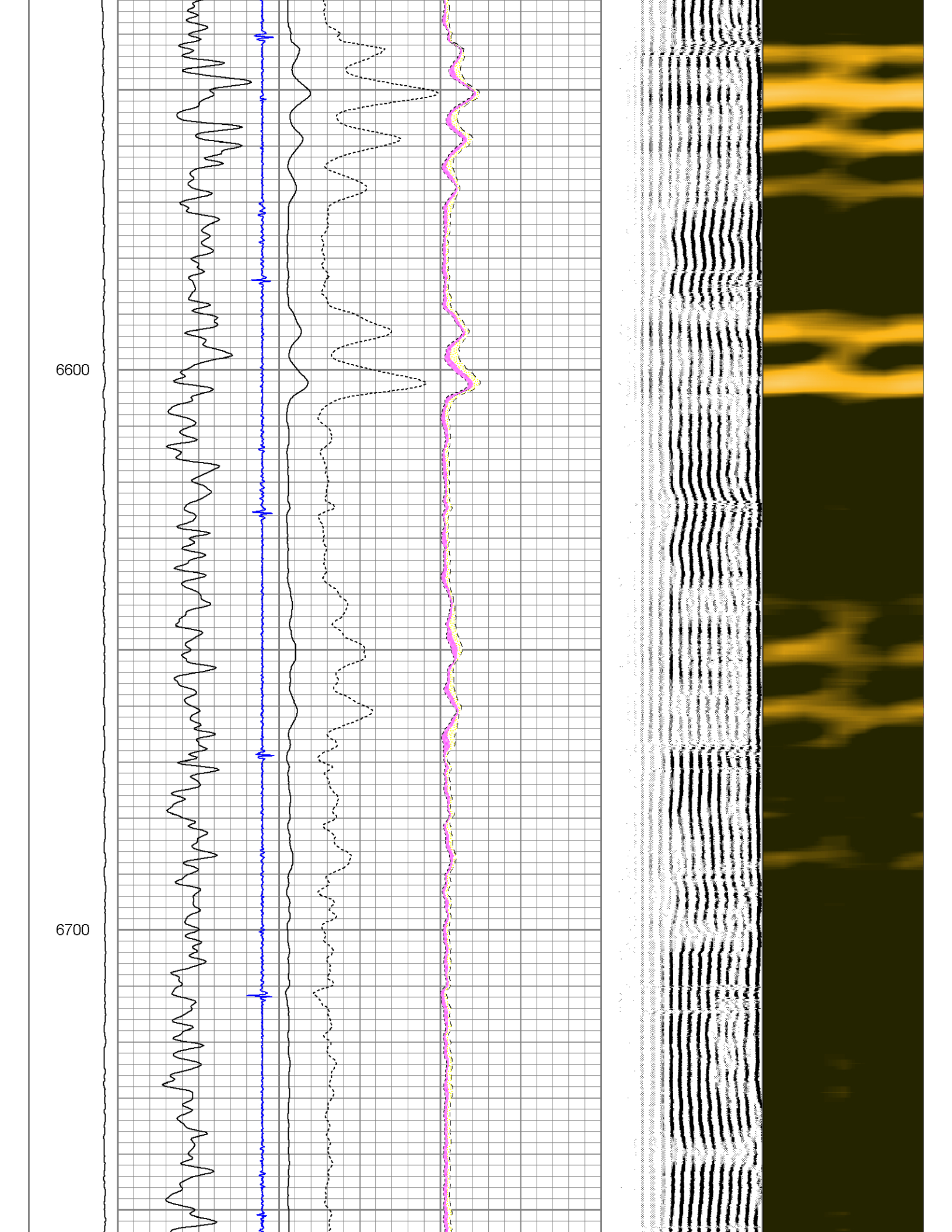
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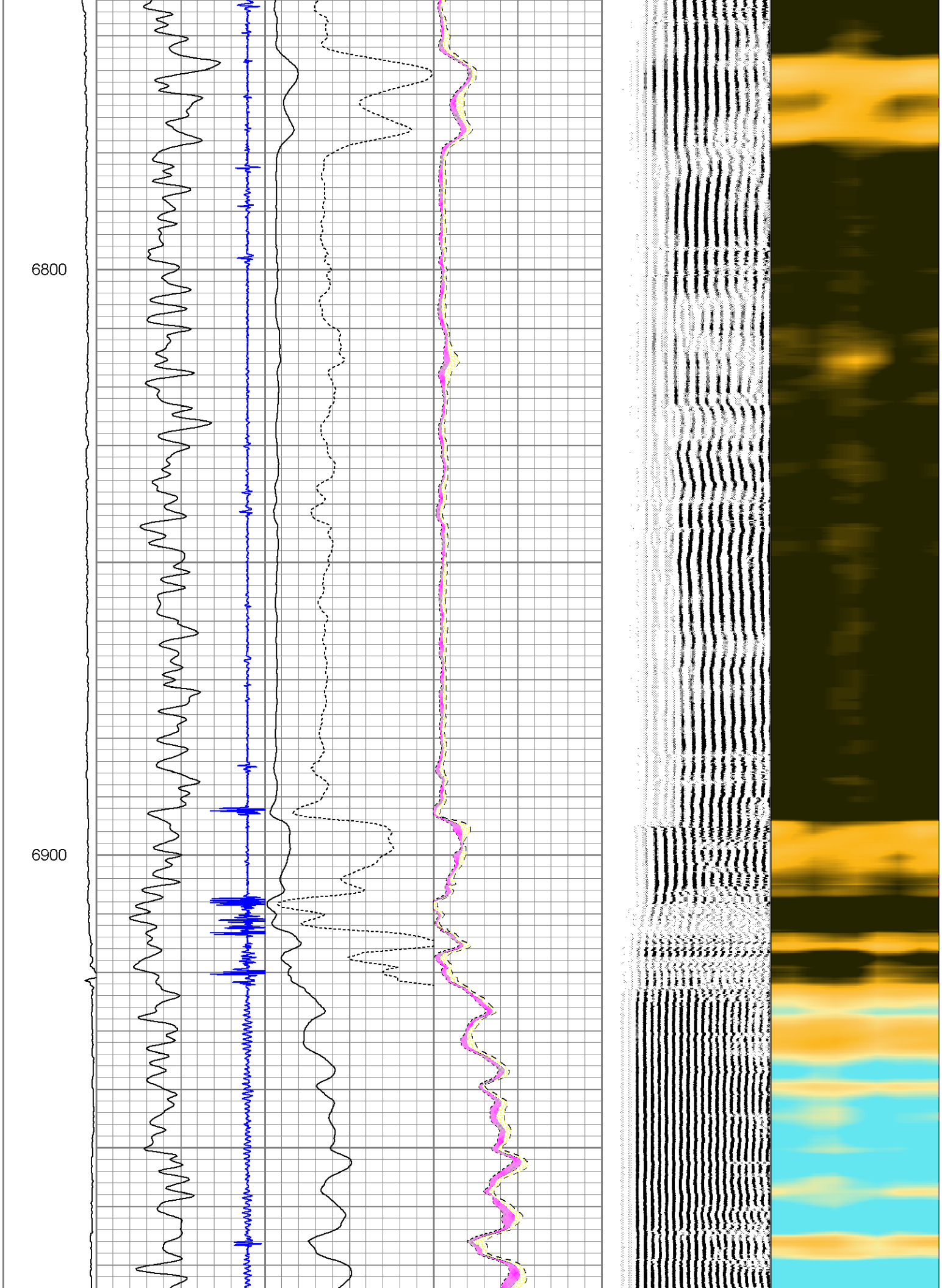
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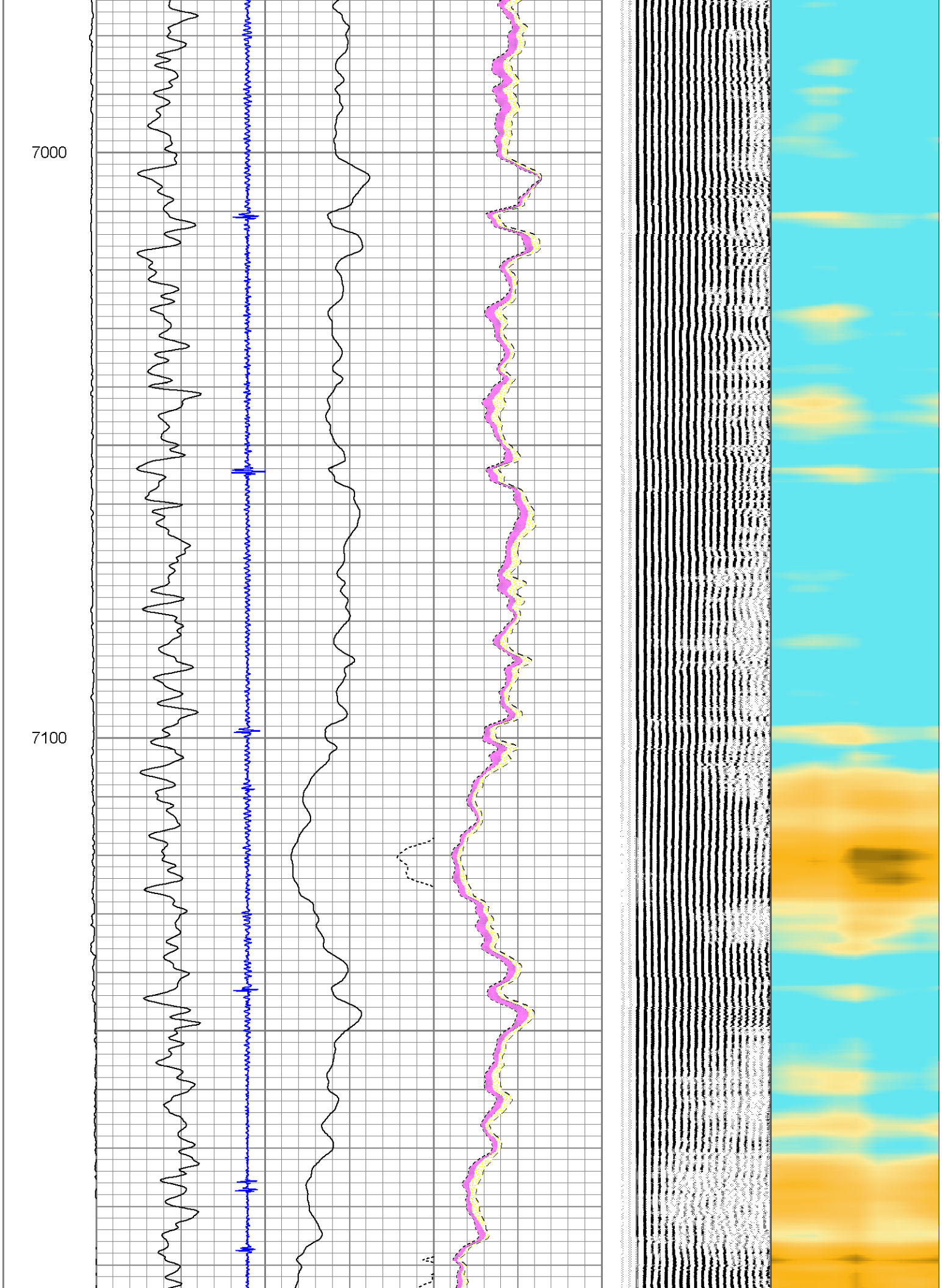
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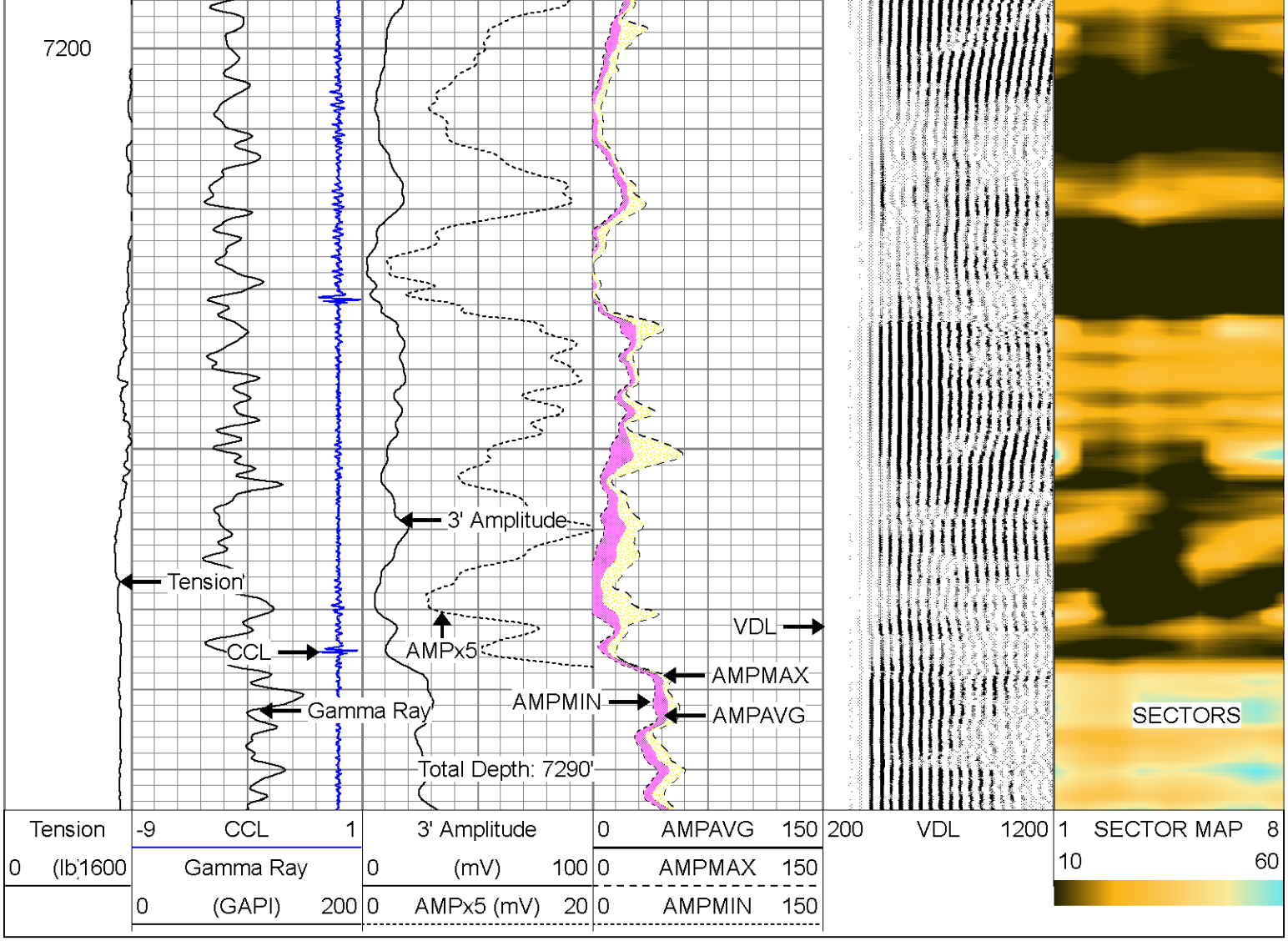

Calibration Report

Database File: small eyed 14c-35hz_rbl.db
Dataset Pathname: pass3
Dataset Creation: Wed Oct 01 08:46:14 2014 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	080538	
Tool Model:	Probe	
Performed:	Sun Sep 21 14:03:28 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.4000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	070132	
Tool Model:	Probe275	
Calibration Casing Diameter:	0.000	in
Calibration Depth:	0.000	ft

Master Calibration, performed Sun Sep 28 18:12:14 2014:

Raw (v)	Calibrated (mv)	Results

	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.009	0.730	1.560	61.280	82.800	0.773
CAL	0.000	1.006				
5'	0.018	0.680	1.563	61.280	90.207	-0.061
SUM						
S1	0.006	0.863	0.000	100.000	116.632	-0.688
S2	0.005	0.895	0.000	100.000	112.344	-0.548
S3	0.006	0.900	0.000	100.000	111.867	-0.680
S4	0.004	0.897	0.000	100.000	111.938	-0.409
S5	0.004	0.848	0.000	100.000	118.483	-0.474
S6	0.004	0.807	0.000	100.000	124.471	-0.448
S7	0.006	0.806	0.000	100.000	124.984	-0.737
S8	0.009	0.823	0.000	100.000	122.805	-1.068

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	1.000	0.000	1.000	1.000	0.000

Air Zero Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

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Company	KERR-MCGEE OIL & GAS ONSHORE L
Well	SMALL EYED 14C-35HZ
Field	WATTENBERG
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