



RBL W / CCL/ VDL
GAMMA RAY

Pioneer Energy Services

Company		ENCANA		Country		USA	
Well		IONE 1B-8H		Field		WATTENBERG	
County		WELD		State		COLORADO	
Location:		228' FNL X 1236' FEL		API # : 05-123-35882-00		Other Services	
SEC 9		TWP 2N		RGE 66W		Elevation	
Permanent Datum		GL		Elevation		4904'	
Log Measured From		KB		K.B. 4927'		D.F. 4926'	
Drilling Measured From		KB		G.L. 4904'			
Date		NOV. 15, 2012					
Run Number		ONE					
Depth Driller		N/A					
Depth Logger		7000'					
Bottom Logged Interval		6988'					
Top Log Interval		130'					
Open Hole Size		N/A					
Type Fluid		DRILL MUD					
Density / Viscosity		N/A					
Max. Recorded Temp.		N/A					
Estimated Cement Top		N/A					
Time Well Ready		N/A					
Time Logger on Bottom		N/A					
Equipment Number		ONE					
Location		FORT MORGAN					
Recorded By		RANDY AZEVEDO					
Witnessed By		DENNIS ELROD					
Borehole Record				Tubing Record			
Run Number		Bit		From		To	
Casing Record		Size		Wgt/Ft		Top	
Surface String		7"				Bottom	
Prot. String							
Production String							
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.

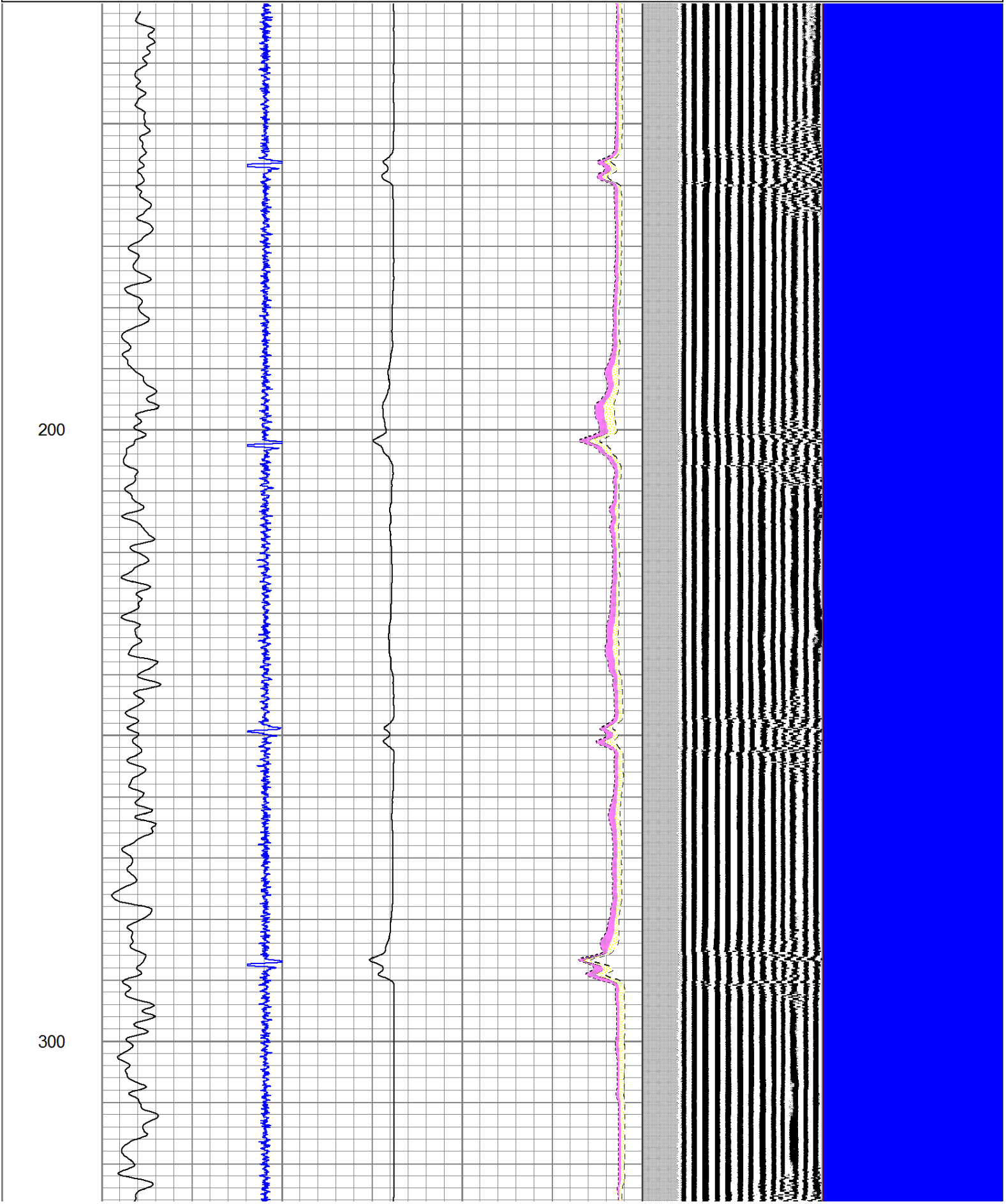
Comments

THANK YOU FOR USING PIONEER ENERGY SERVICES.
LOG MEASURED OFF KB
SO # 2-203325

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

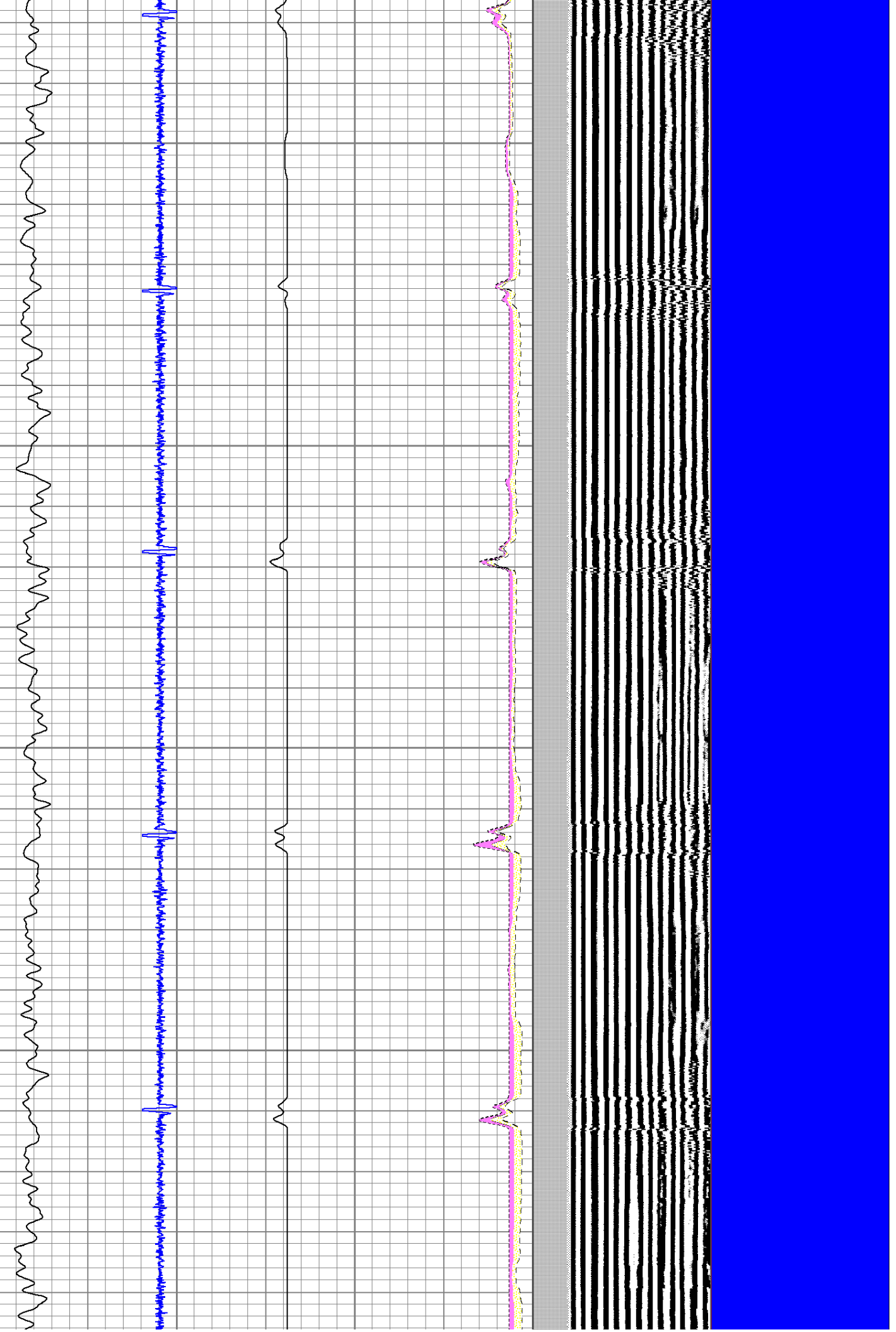
			PTS275	2.83	2.75	
WVF3FT	11.50					
WVFCAL	11.50					
WVFS1	11.50					
WVFS2	11.50					
WVFS3	11.50					
WVFS4	11.50					
WVFS5	11.50					
WVFS6	11.50					
WVFS7	11.50					
WVFS8	11.50					
WVF5FT	10.42					

310	TT (usec)	210	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	SECTOR MAP	8
-9	CCL	1	0	AMPx5 (mV)	20	0	AMPMAX	150				25		75
0	GR (GAPI)	200				0	AMPMIN	150						

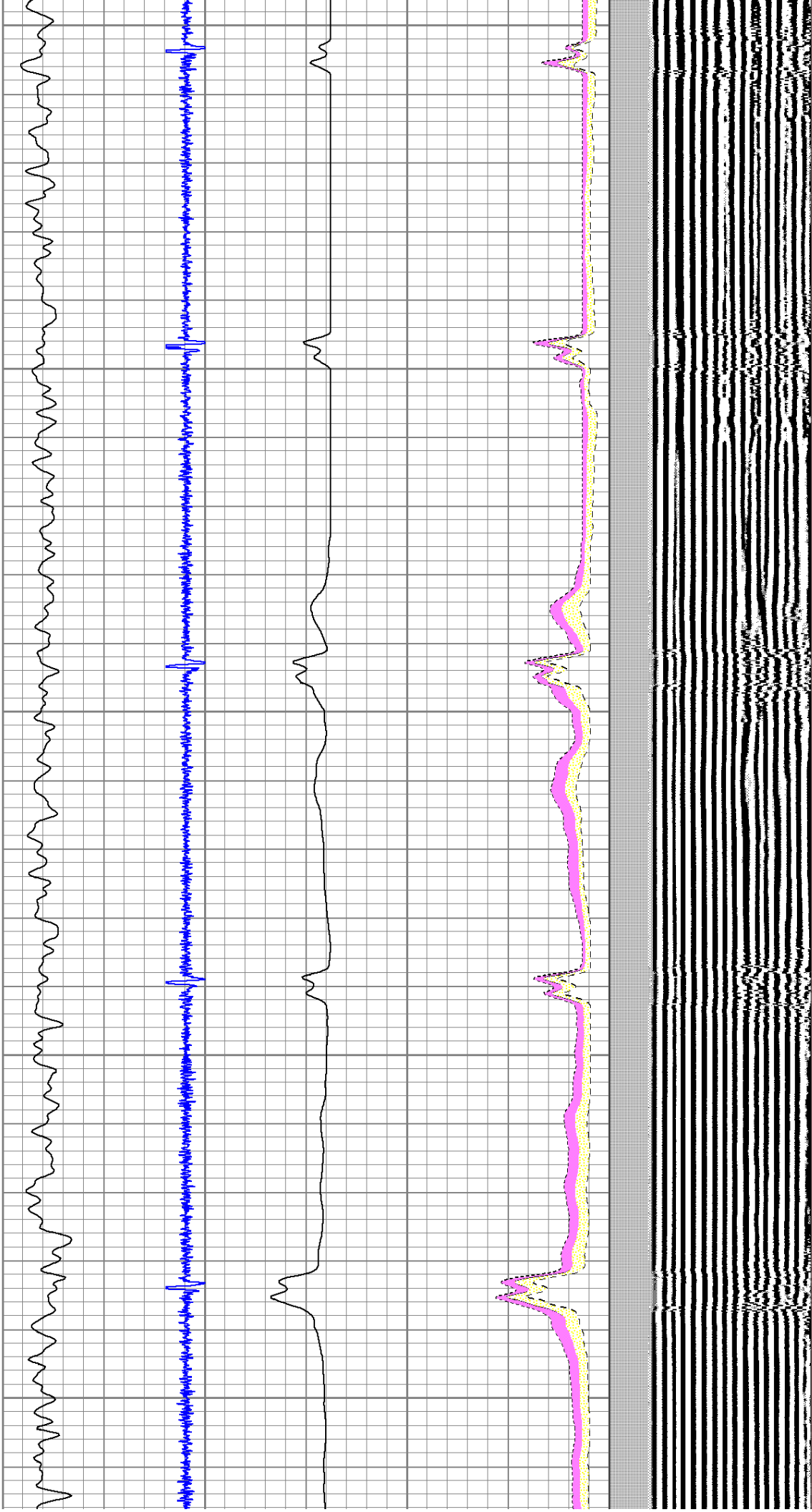


400

500



11

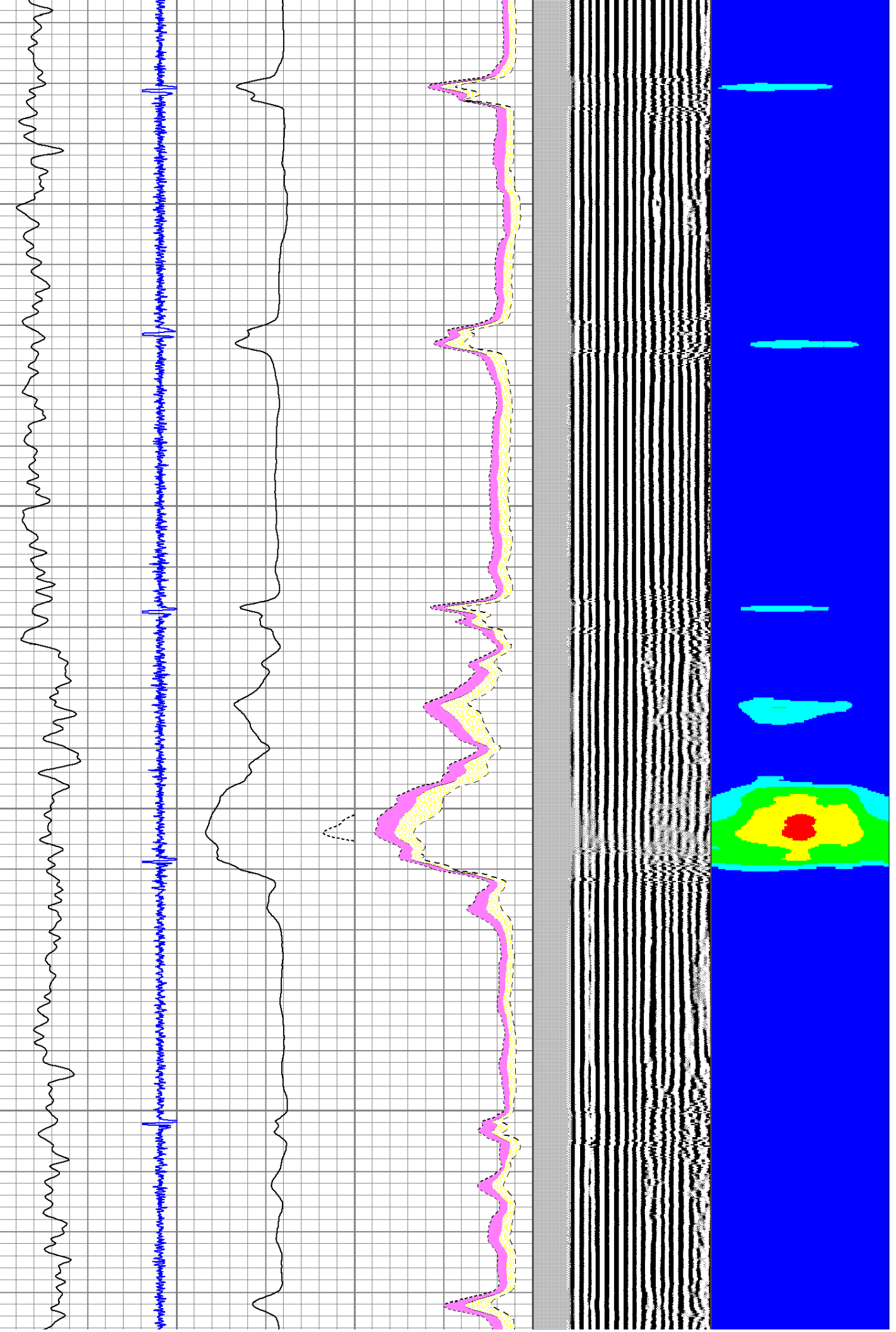


600

700

800

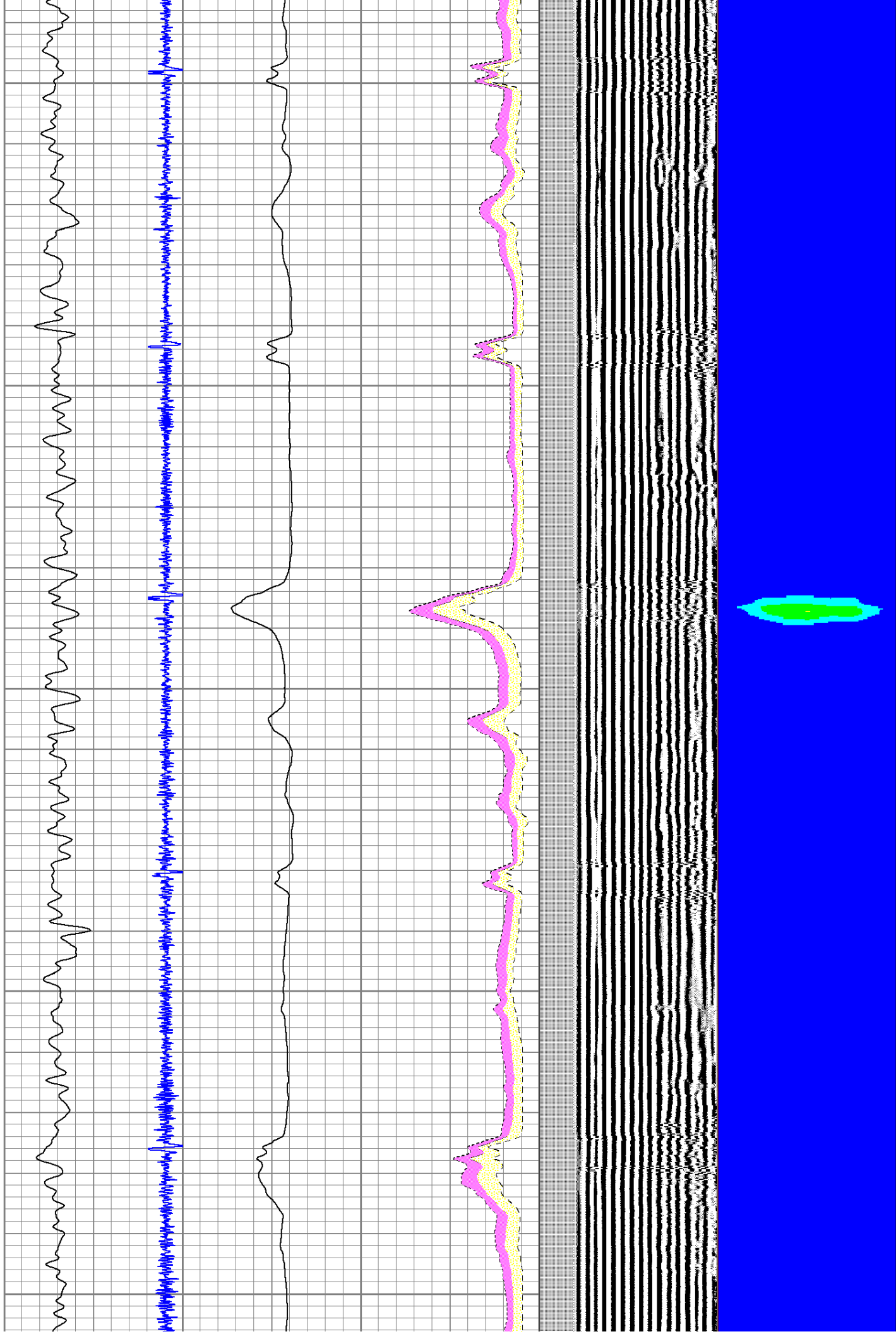
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1000

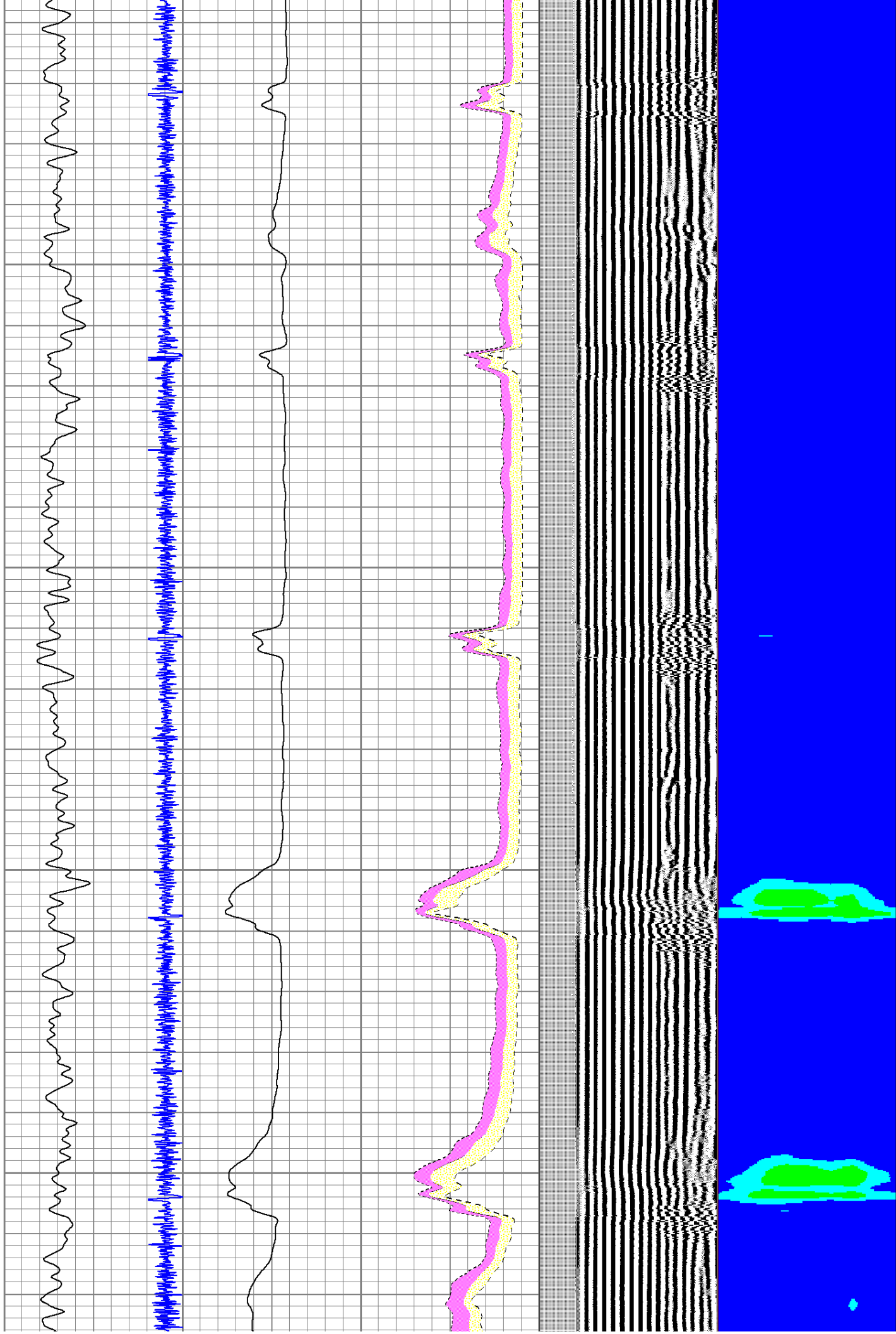
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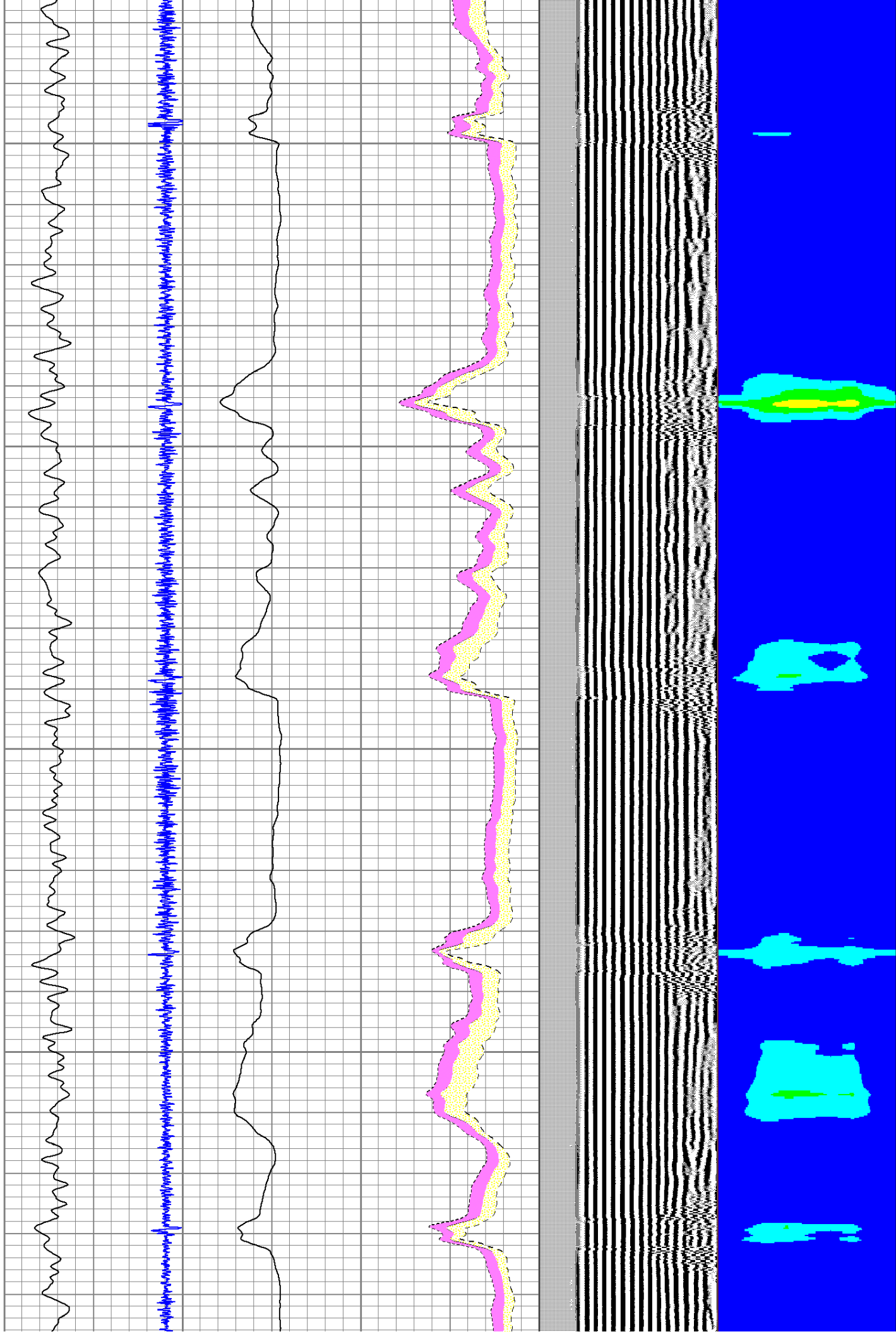
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1400



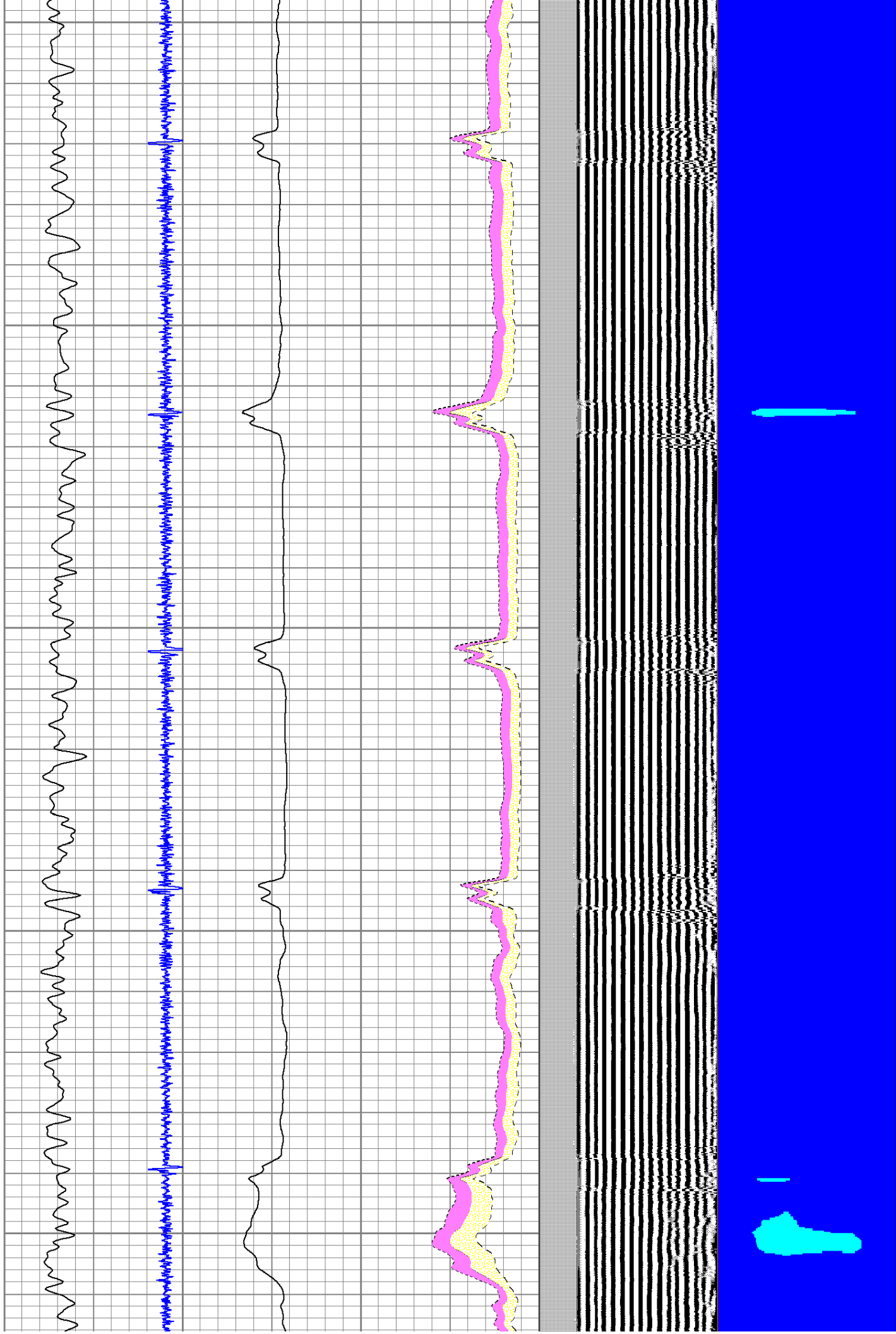
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1600



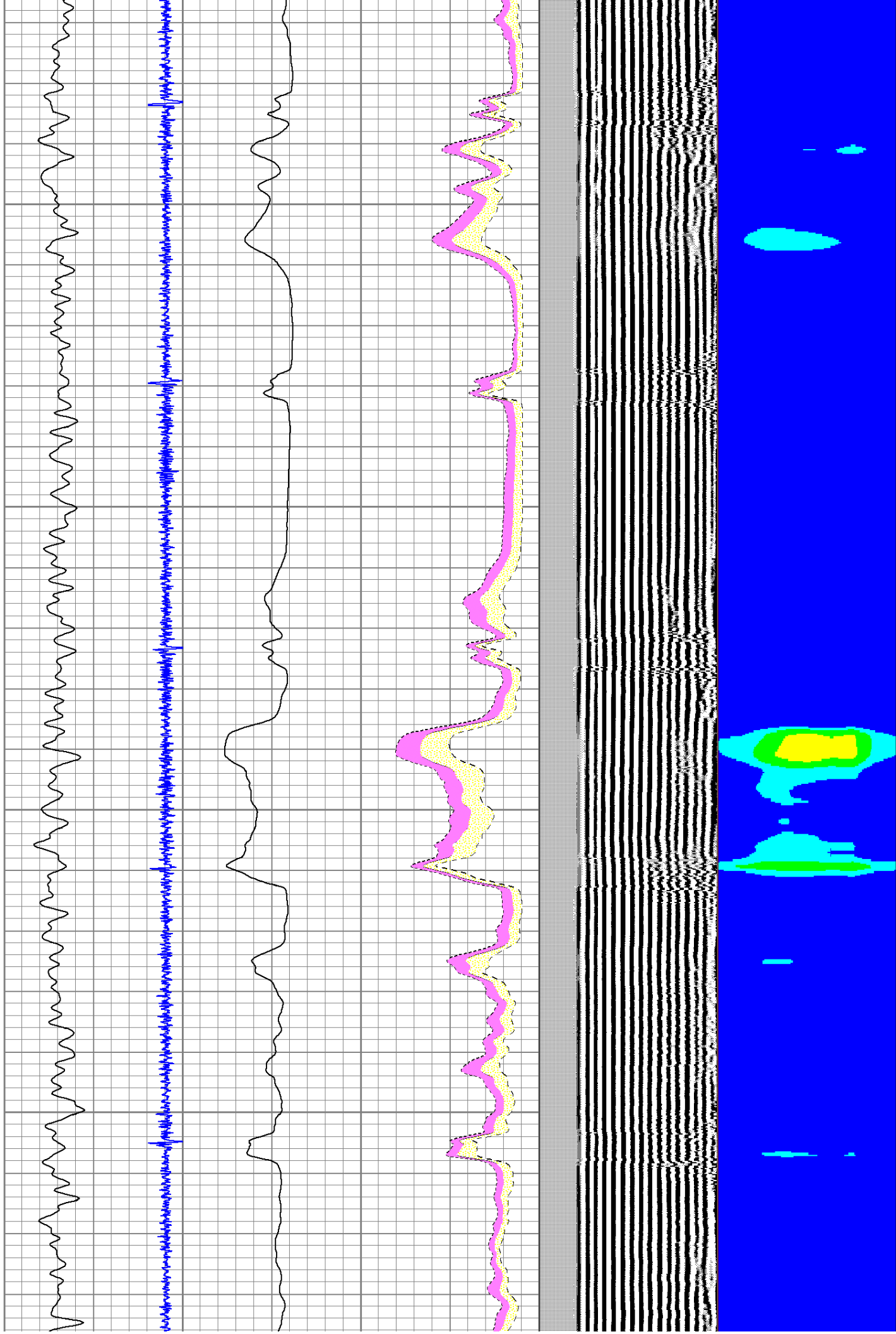
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1900

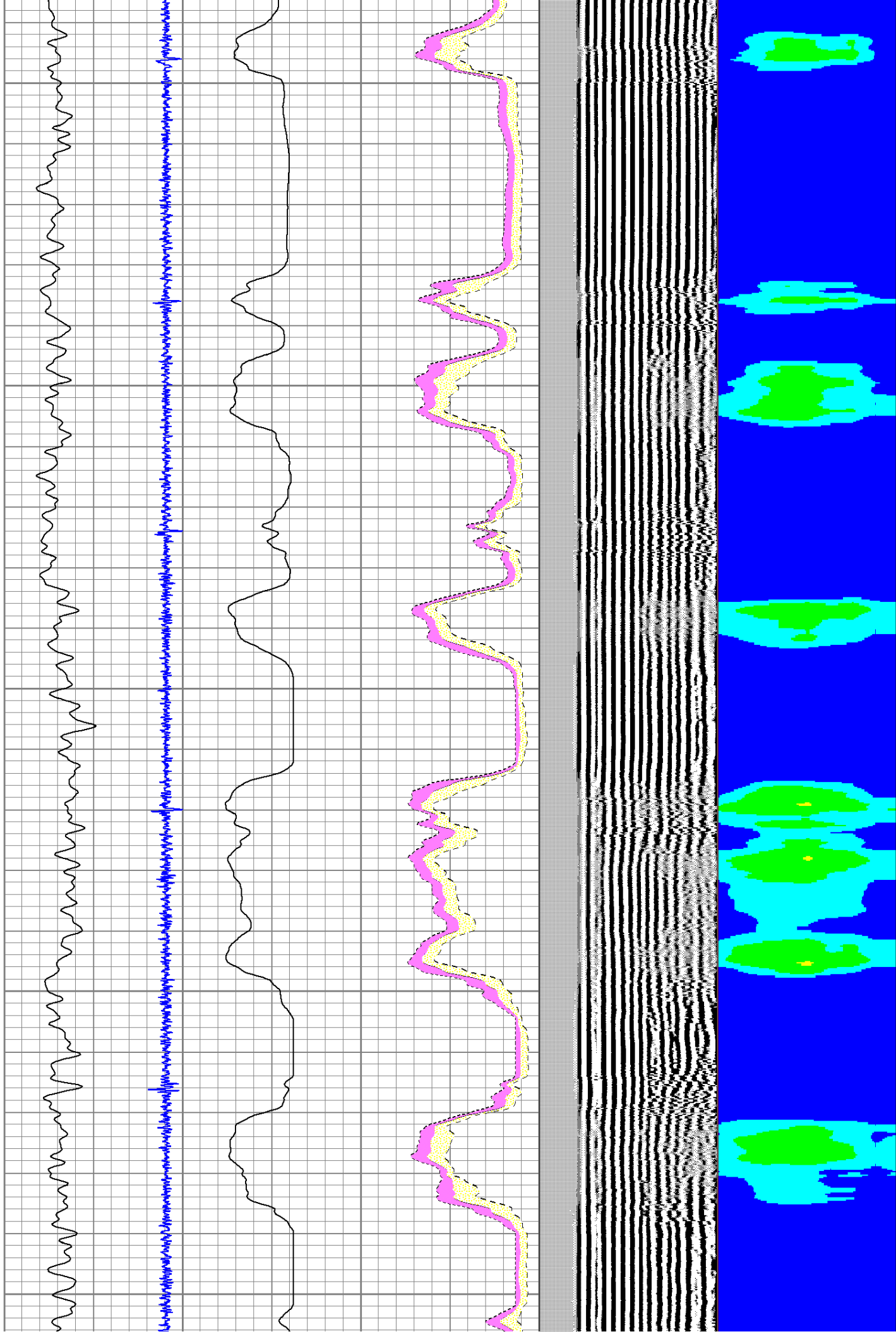
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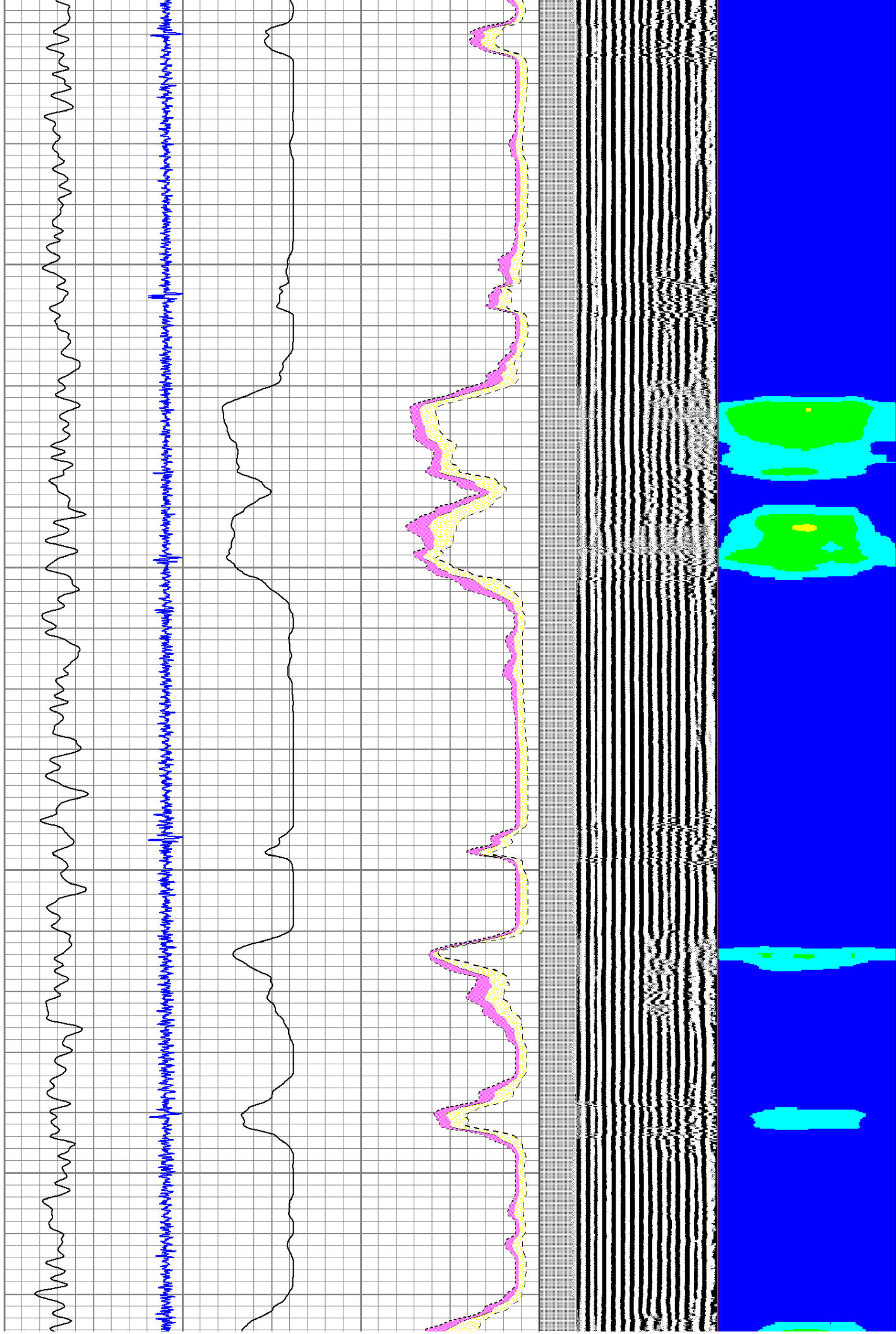


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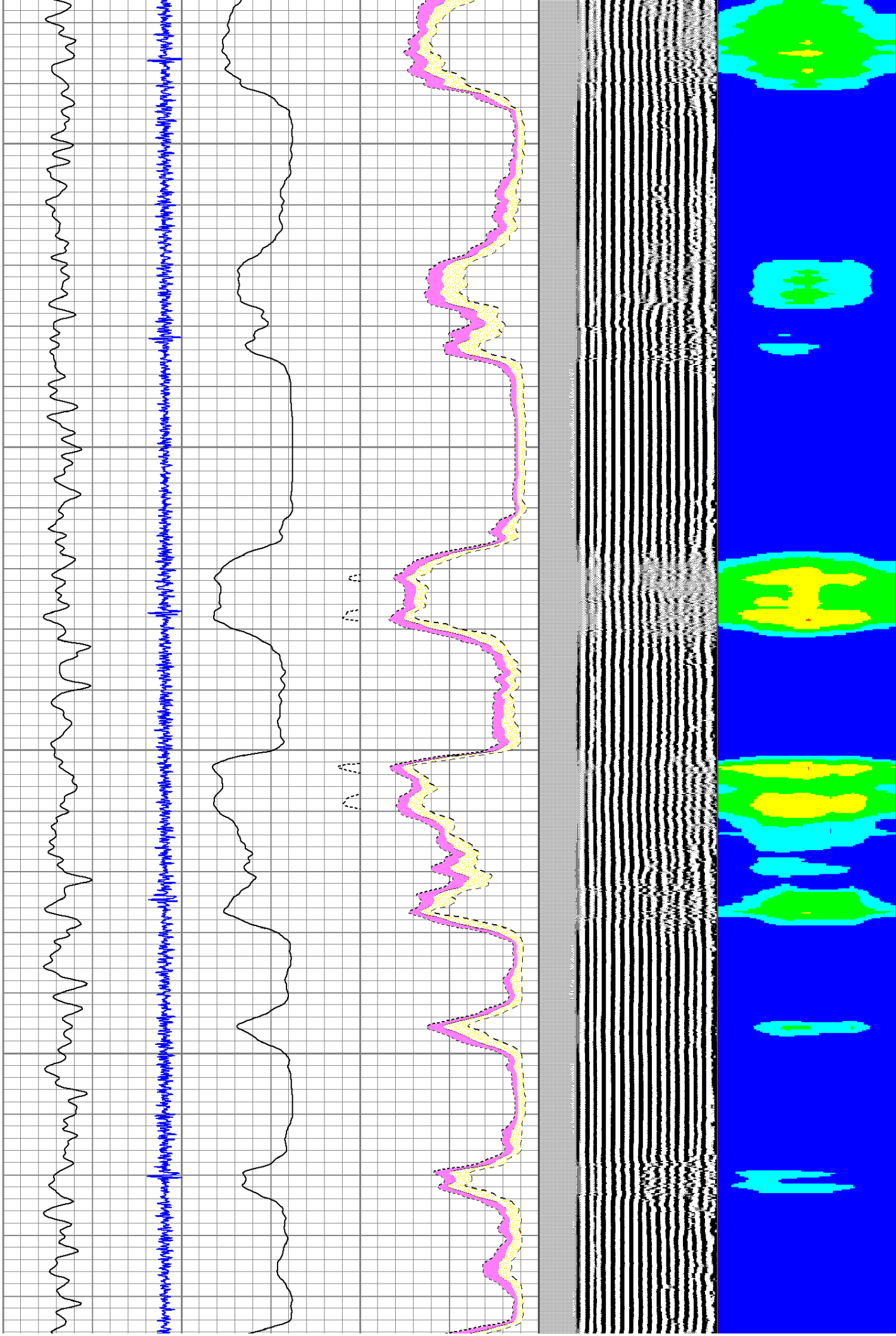
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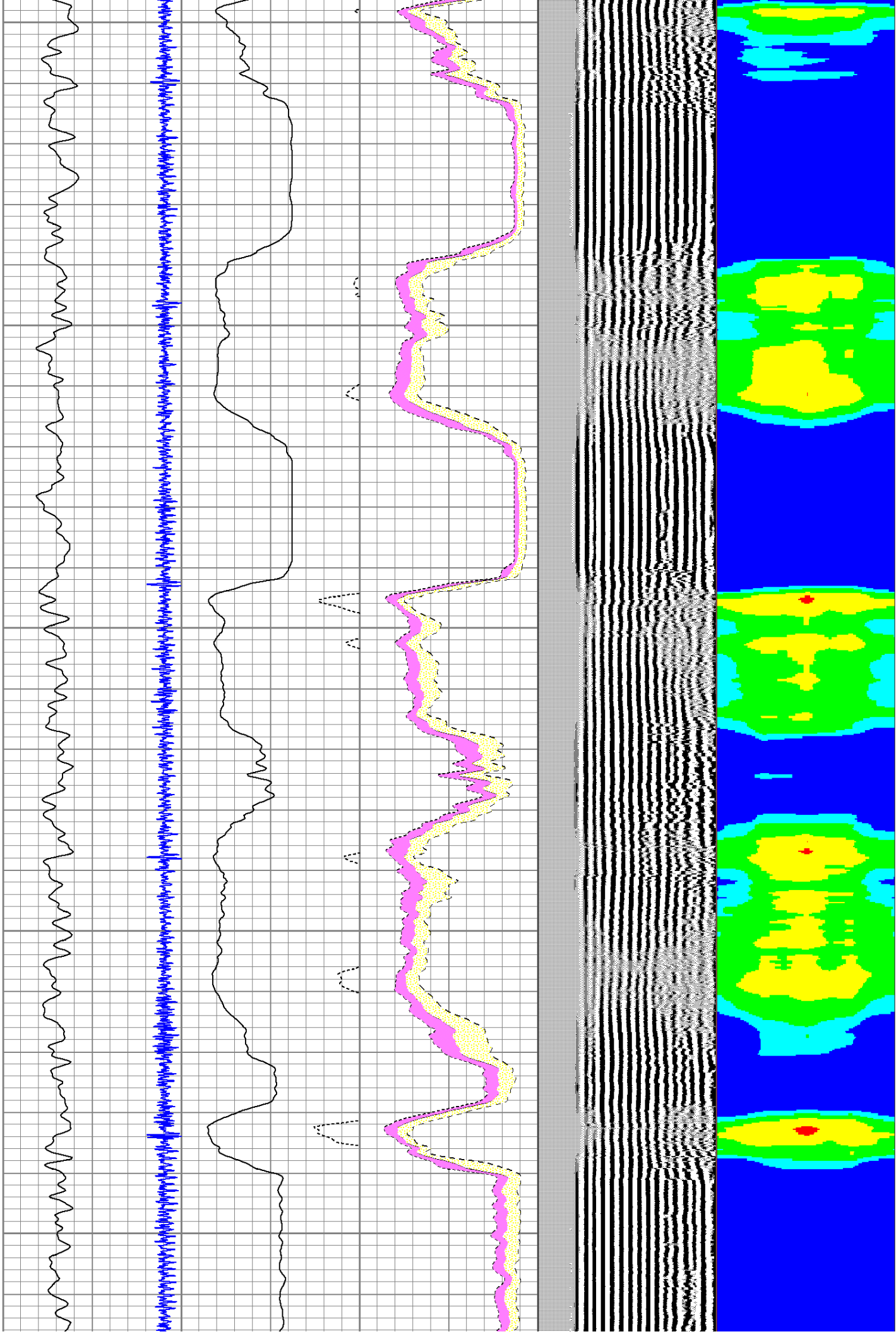
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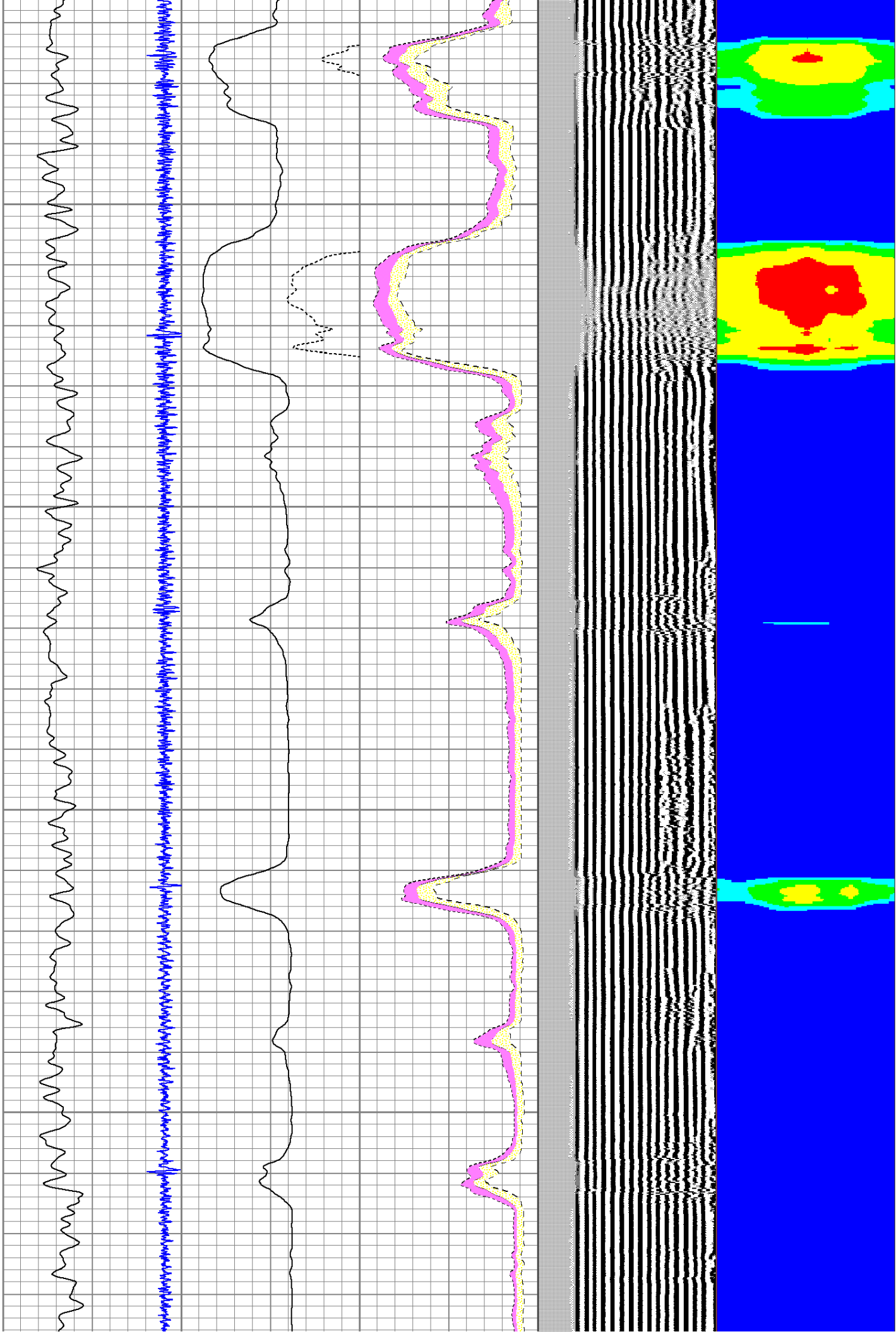
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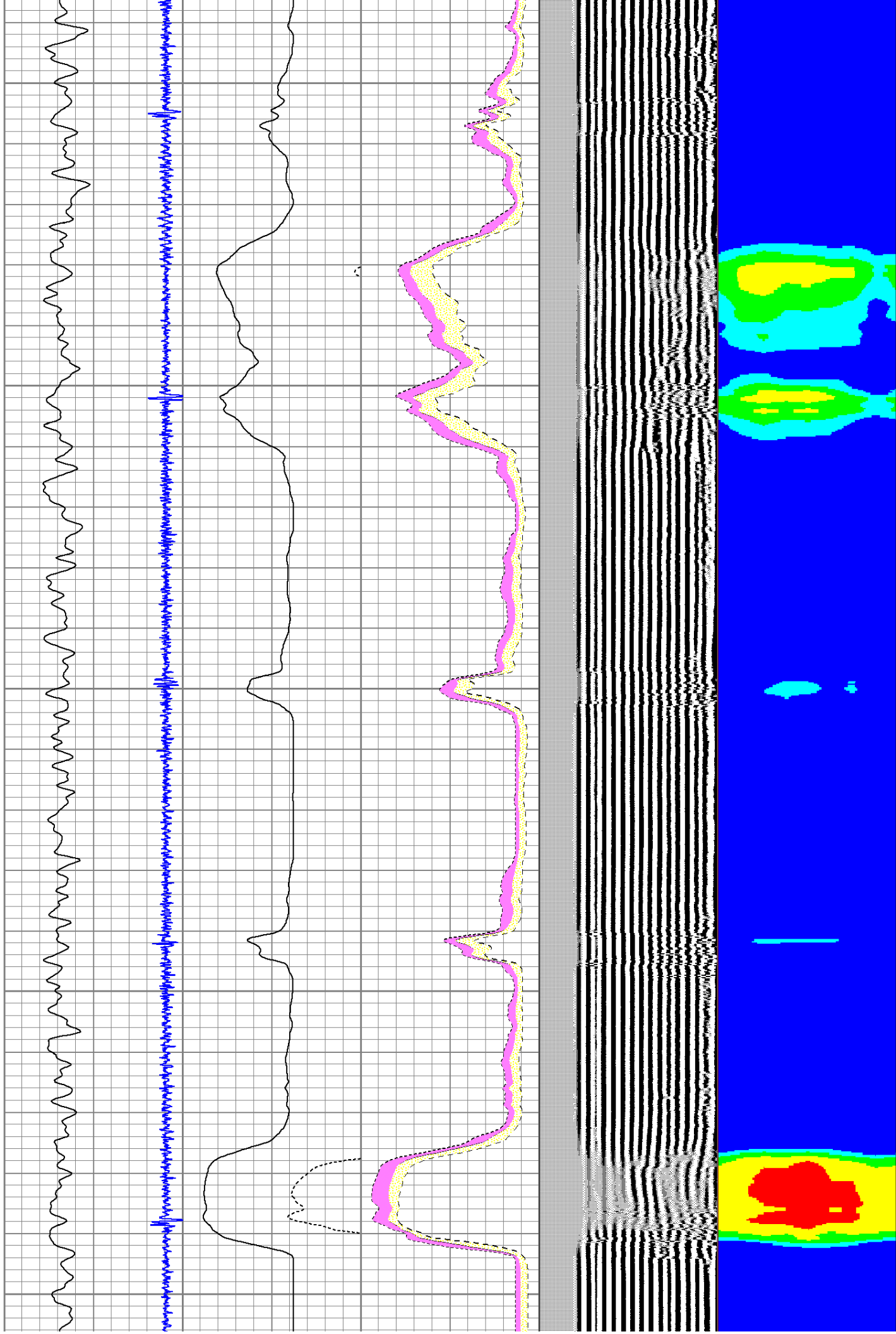
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3200

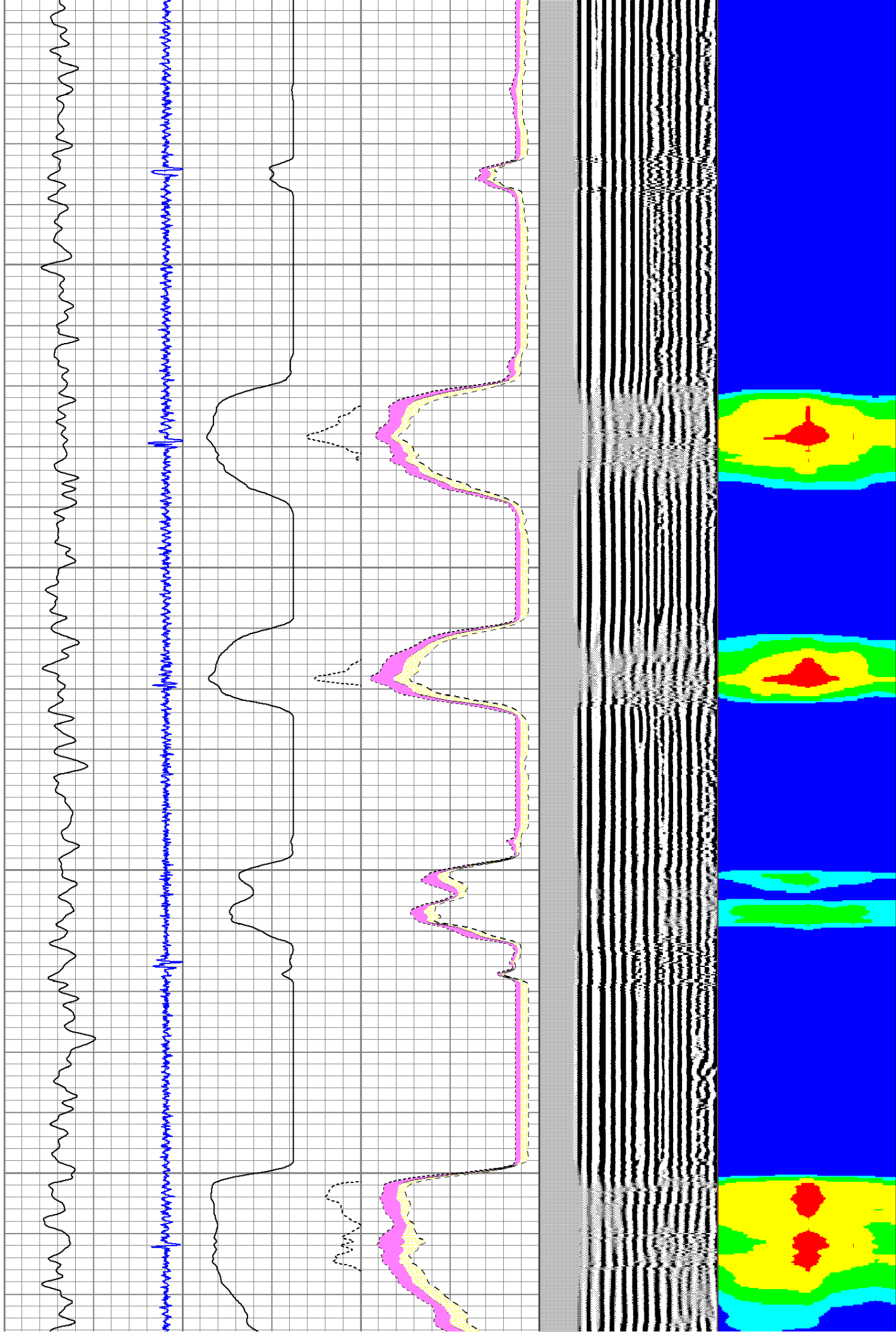
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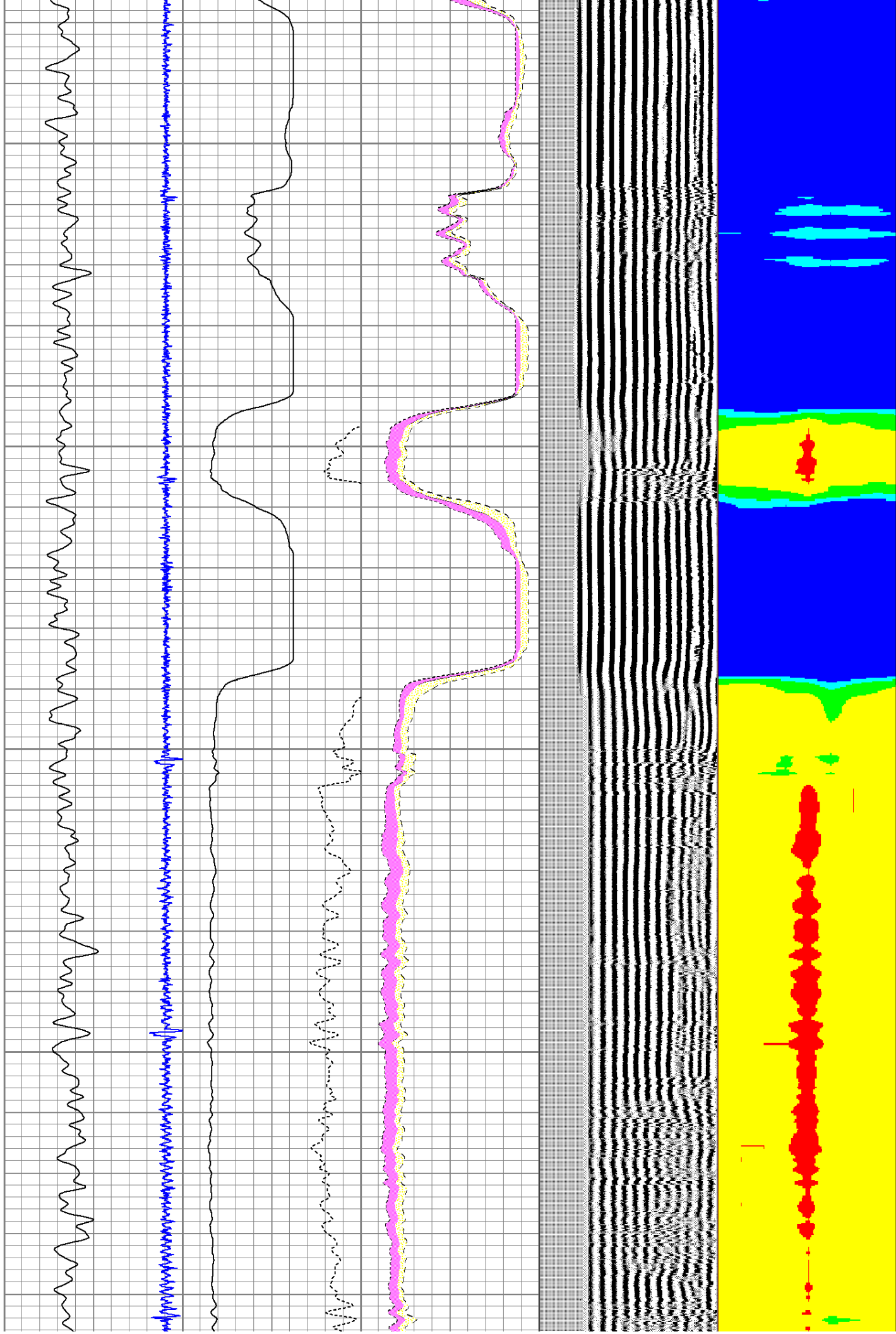
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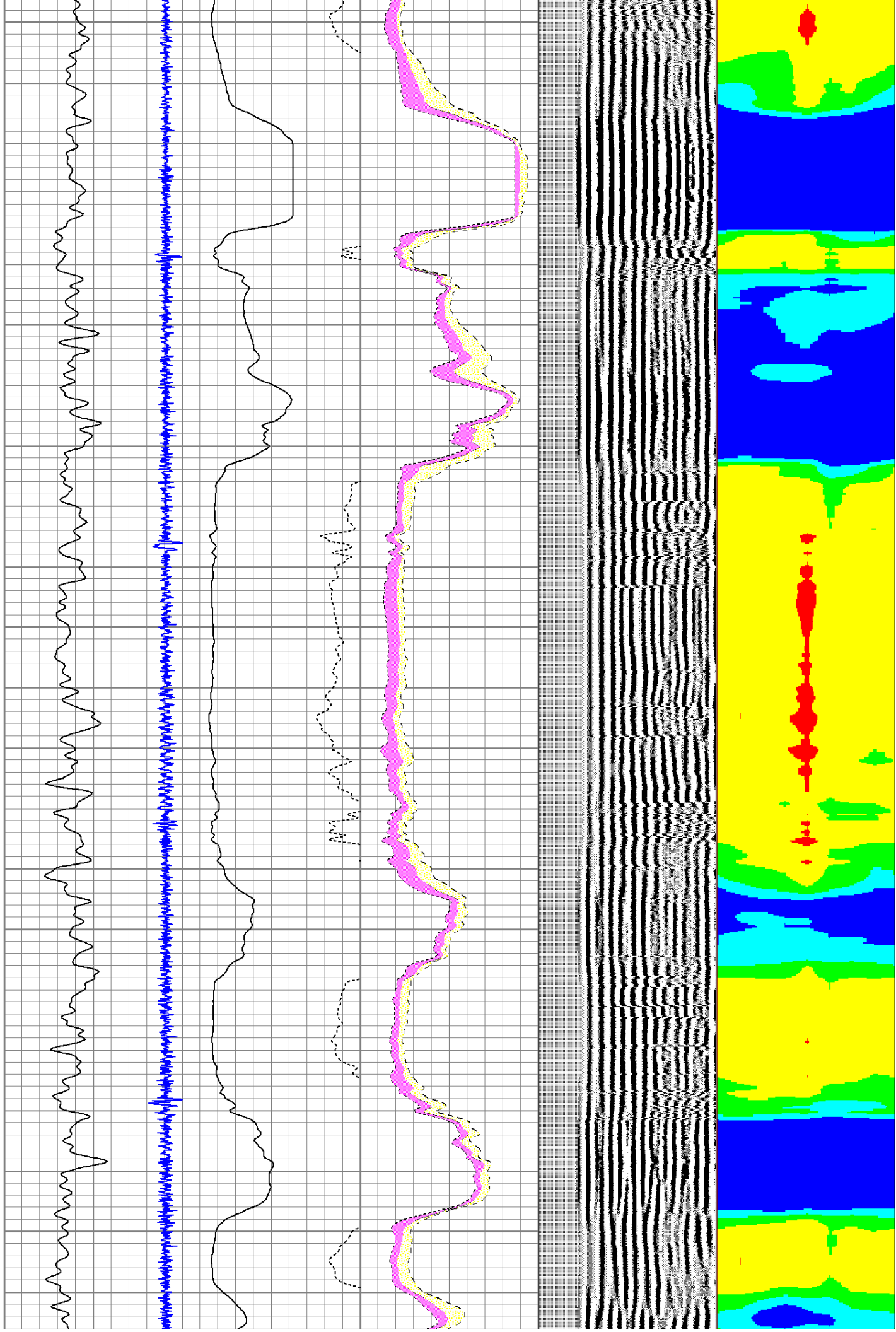
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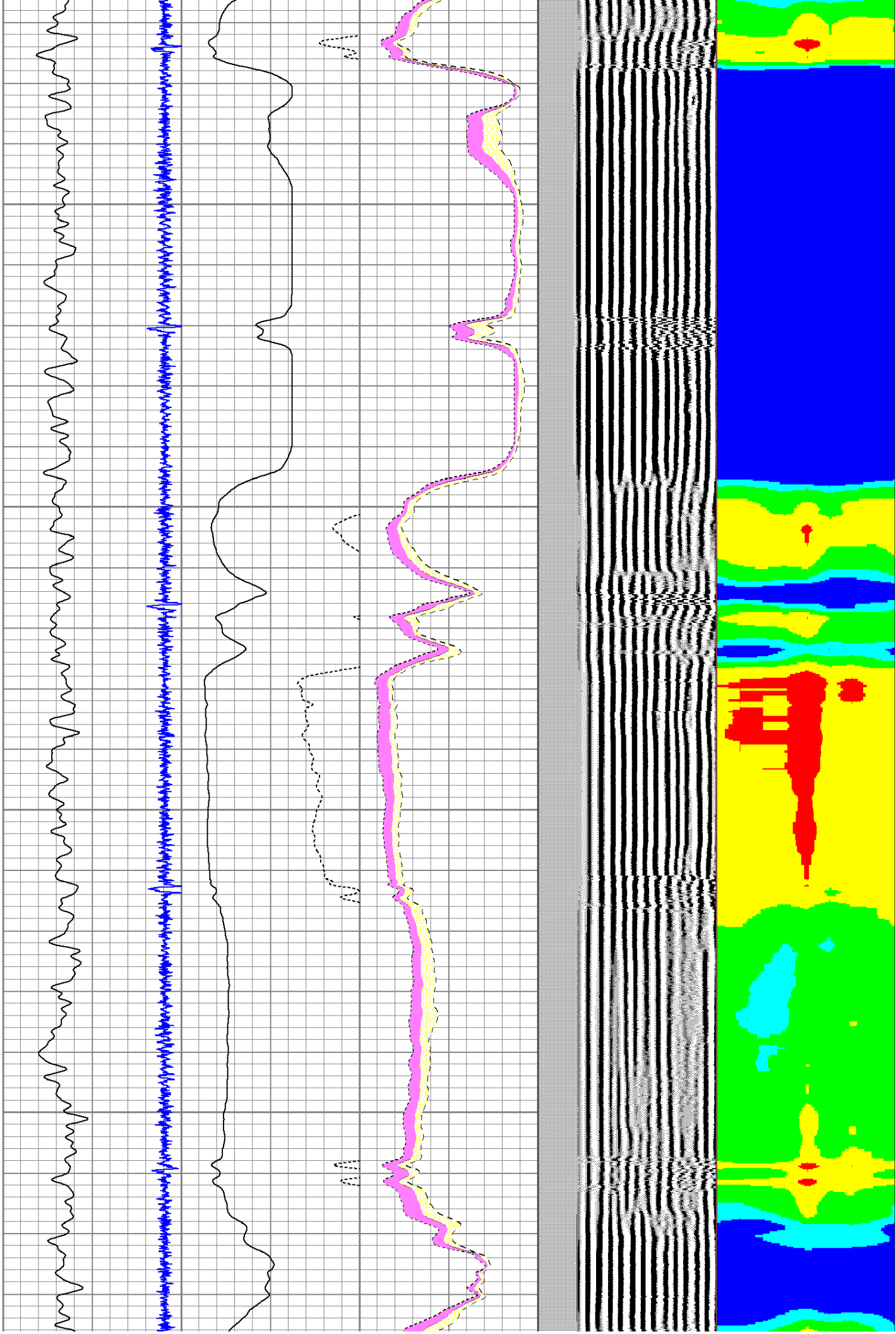
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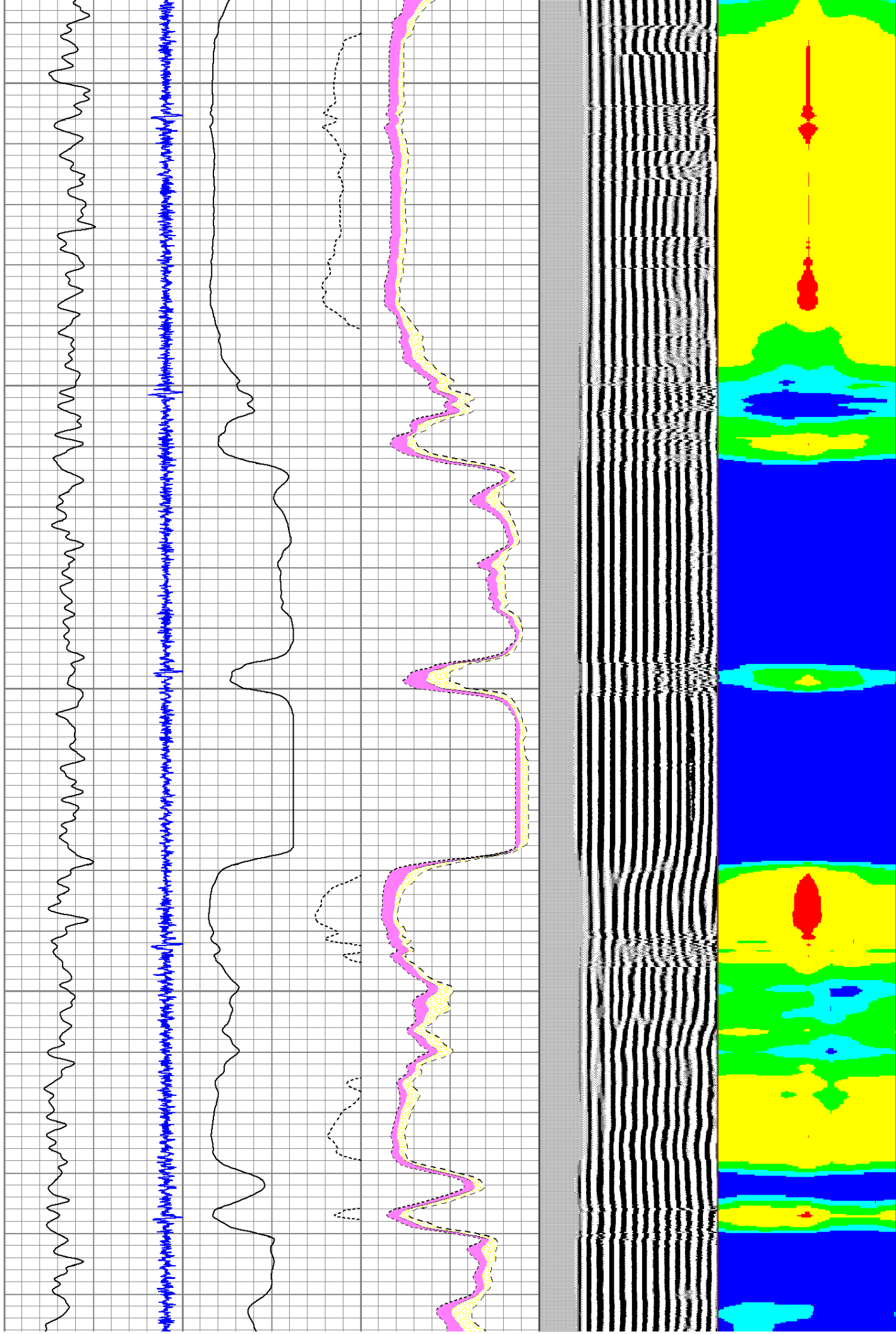
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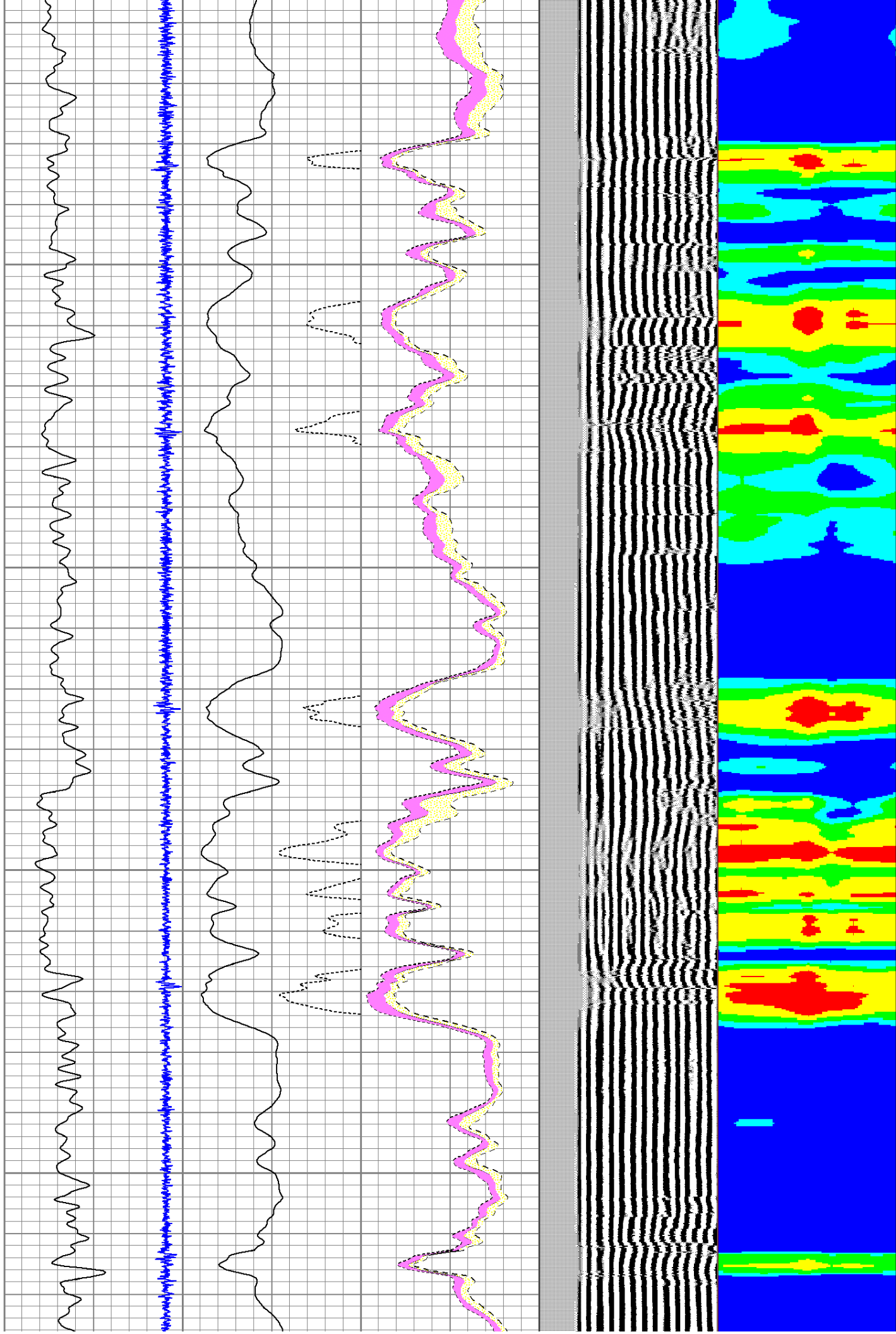


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4400

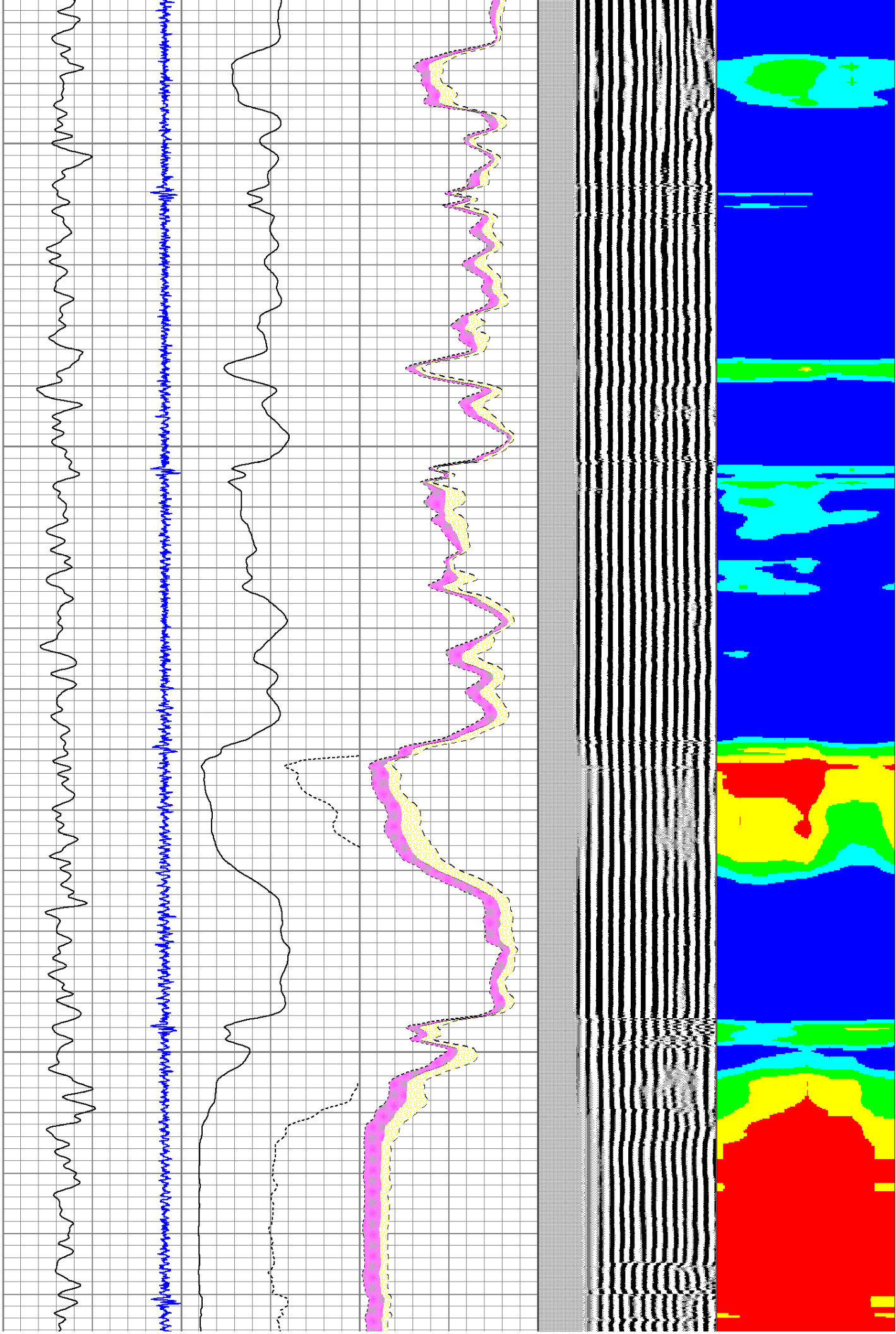
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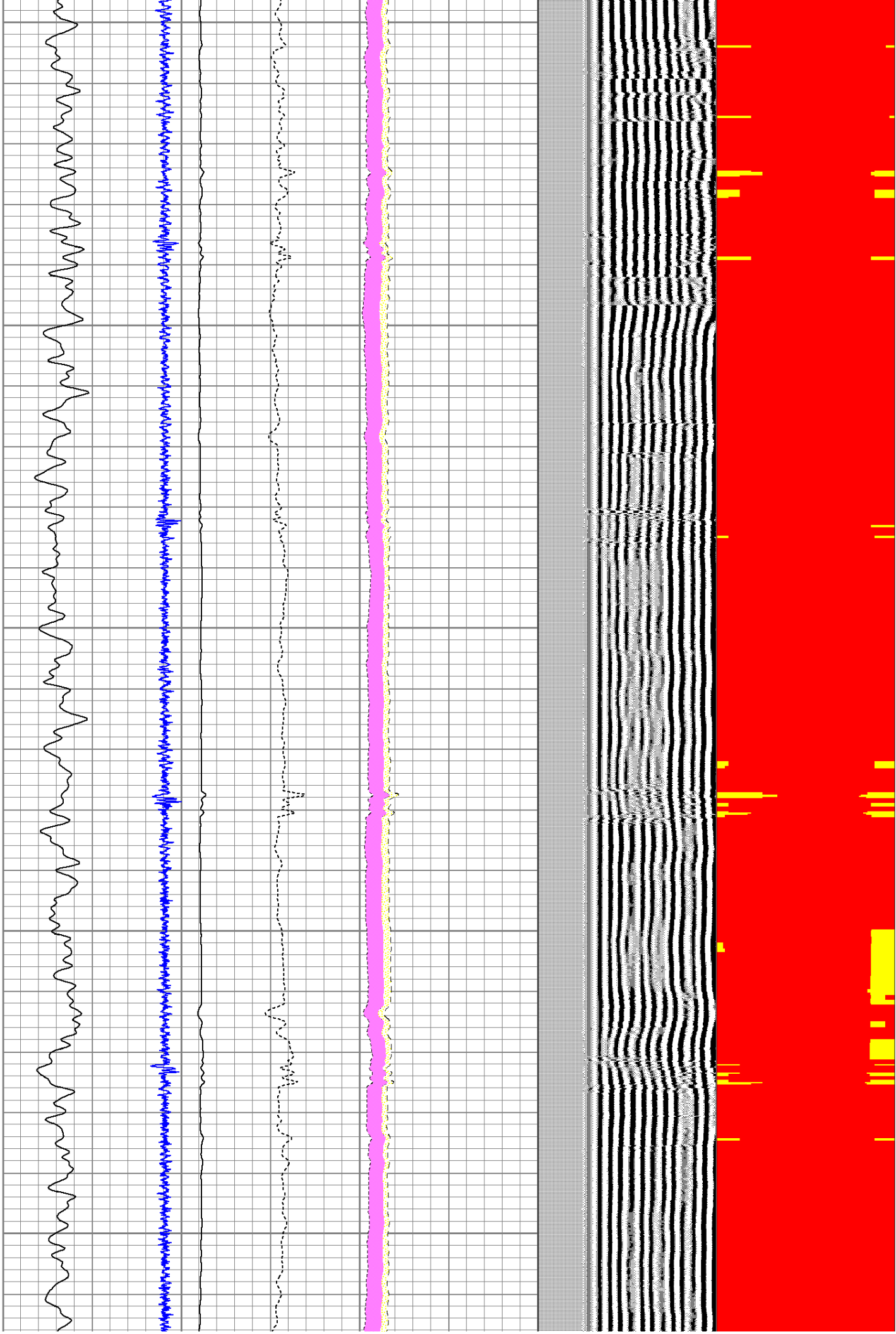
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4900



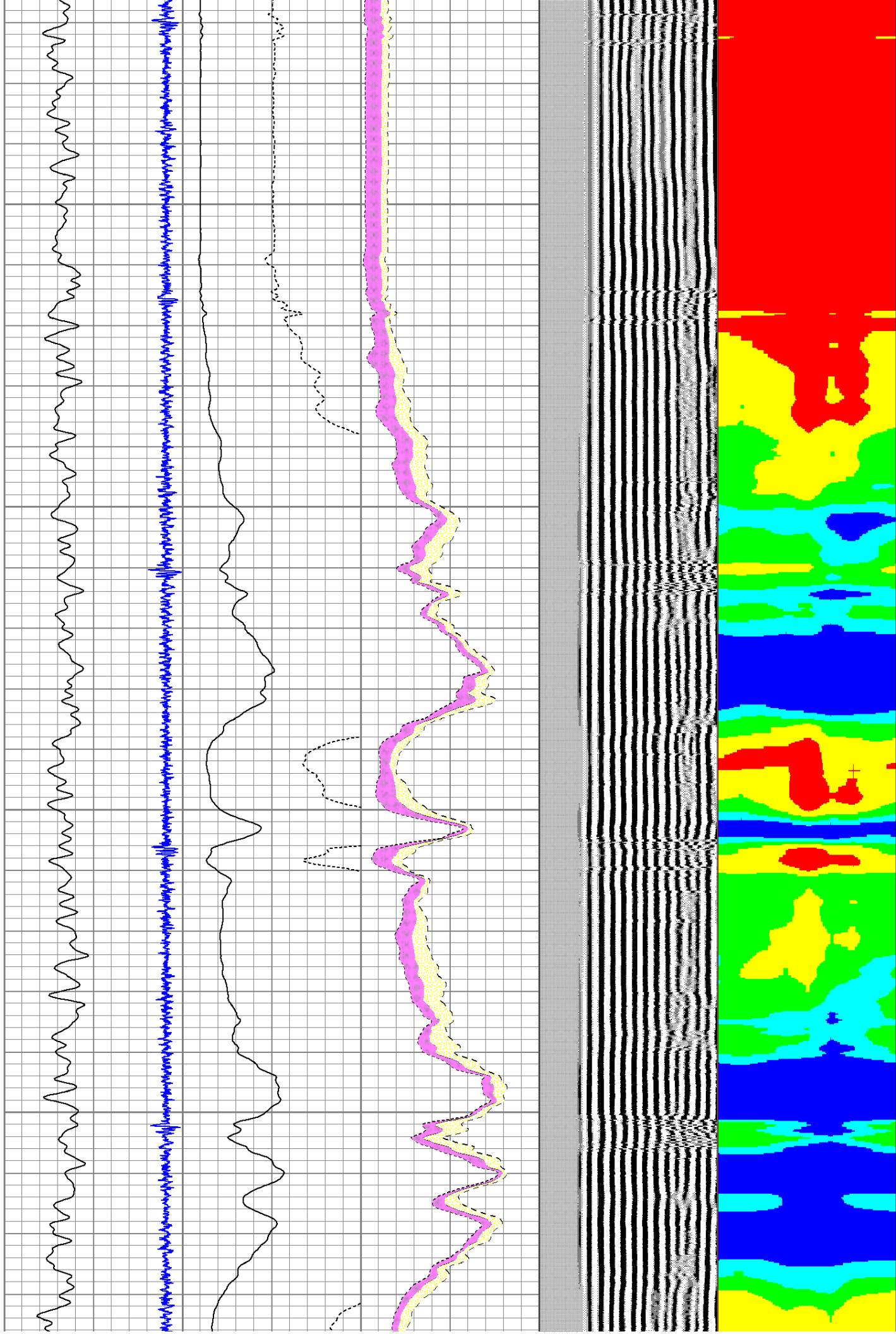
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5100



5200

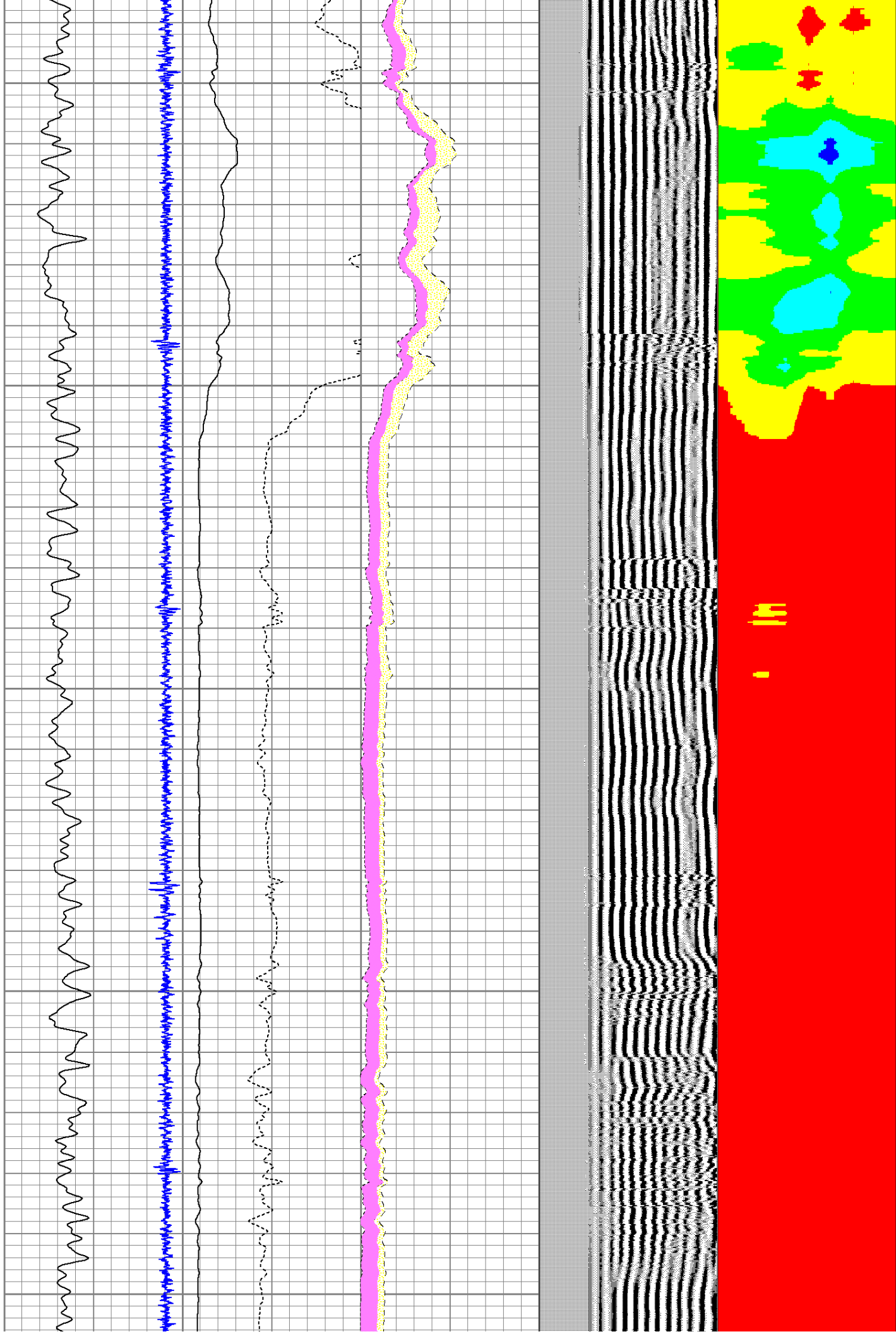
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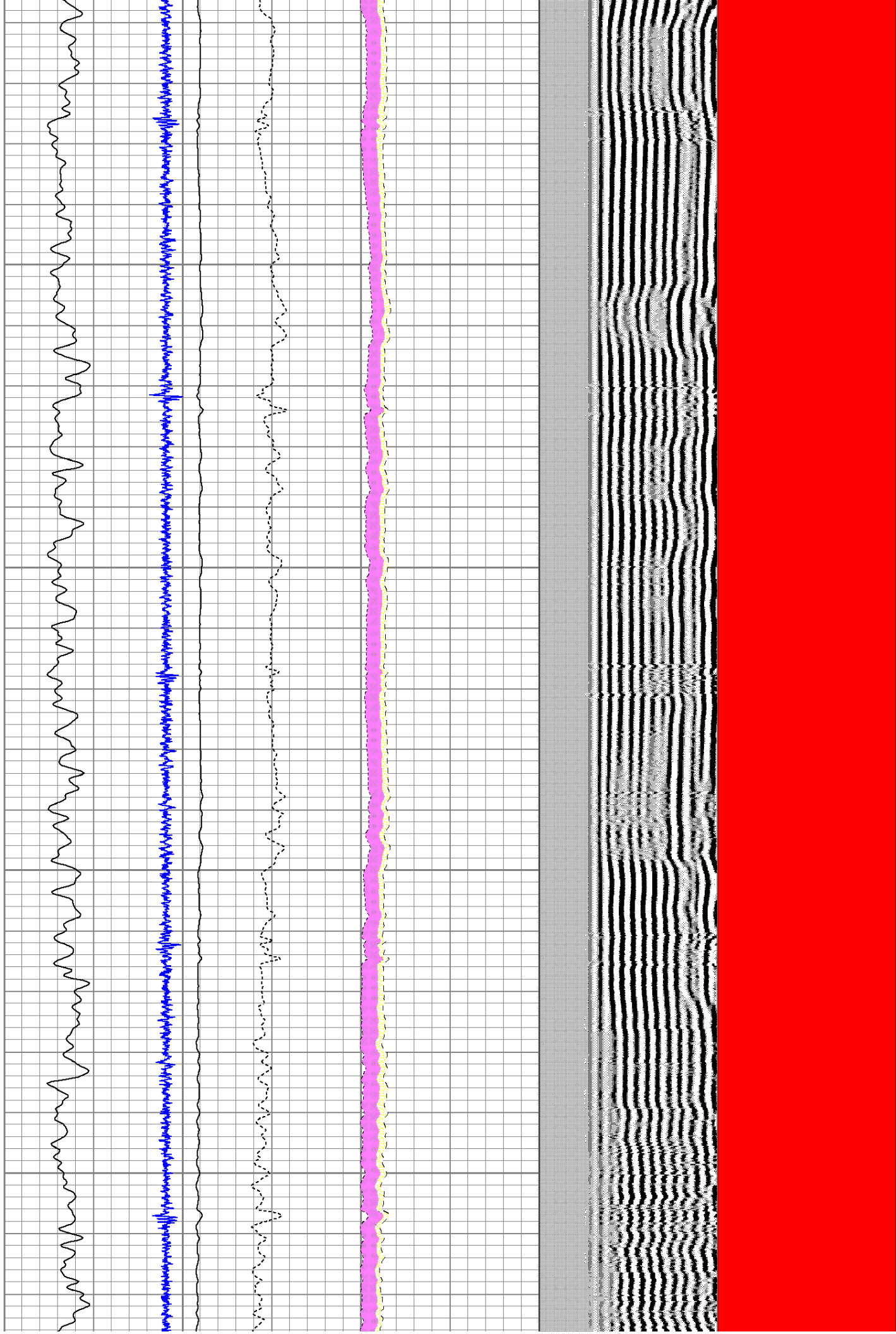
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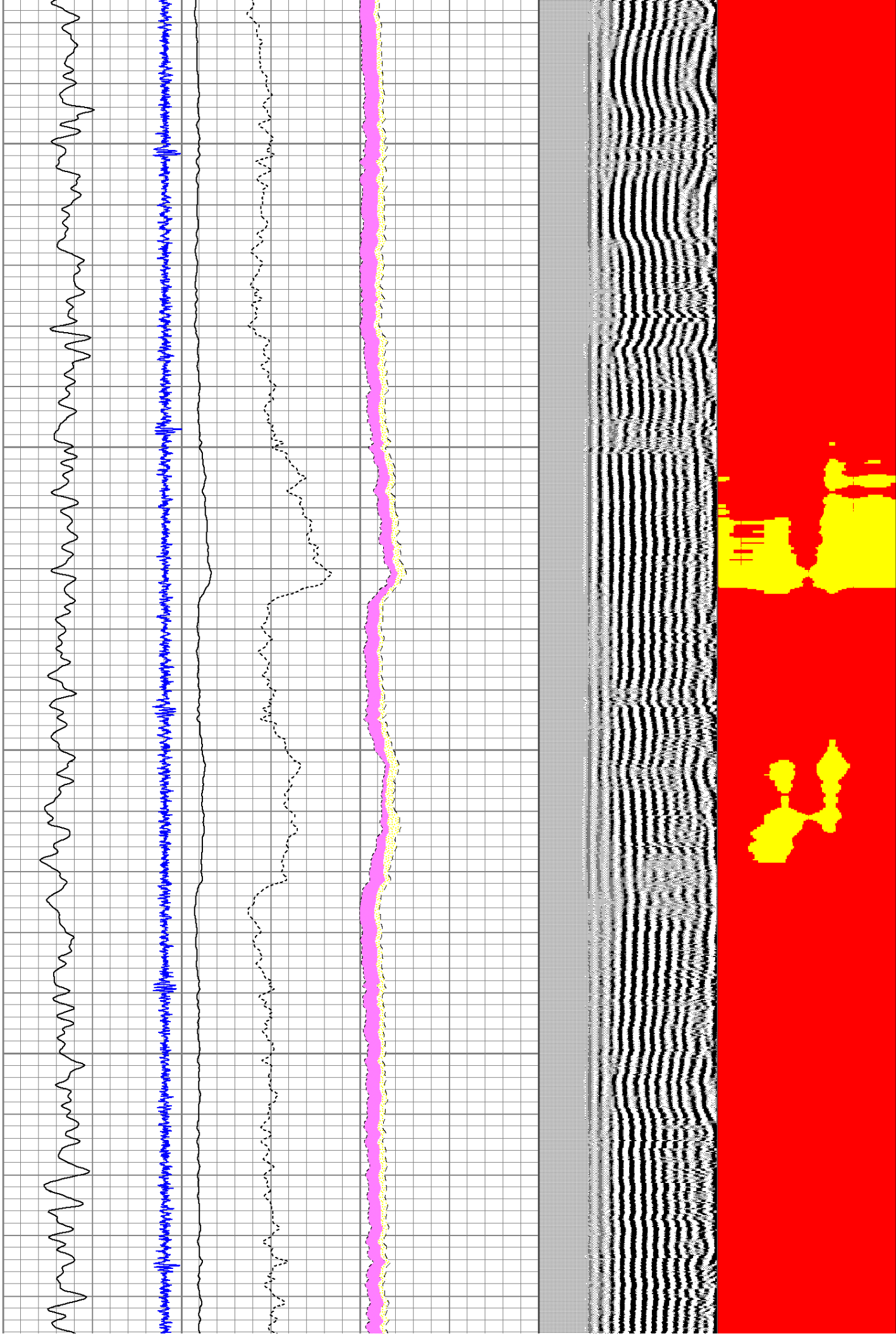
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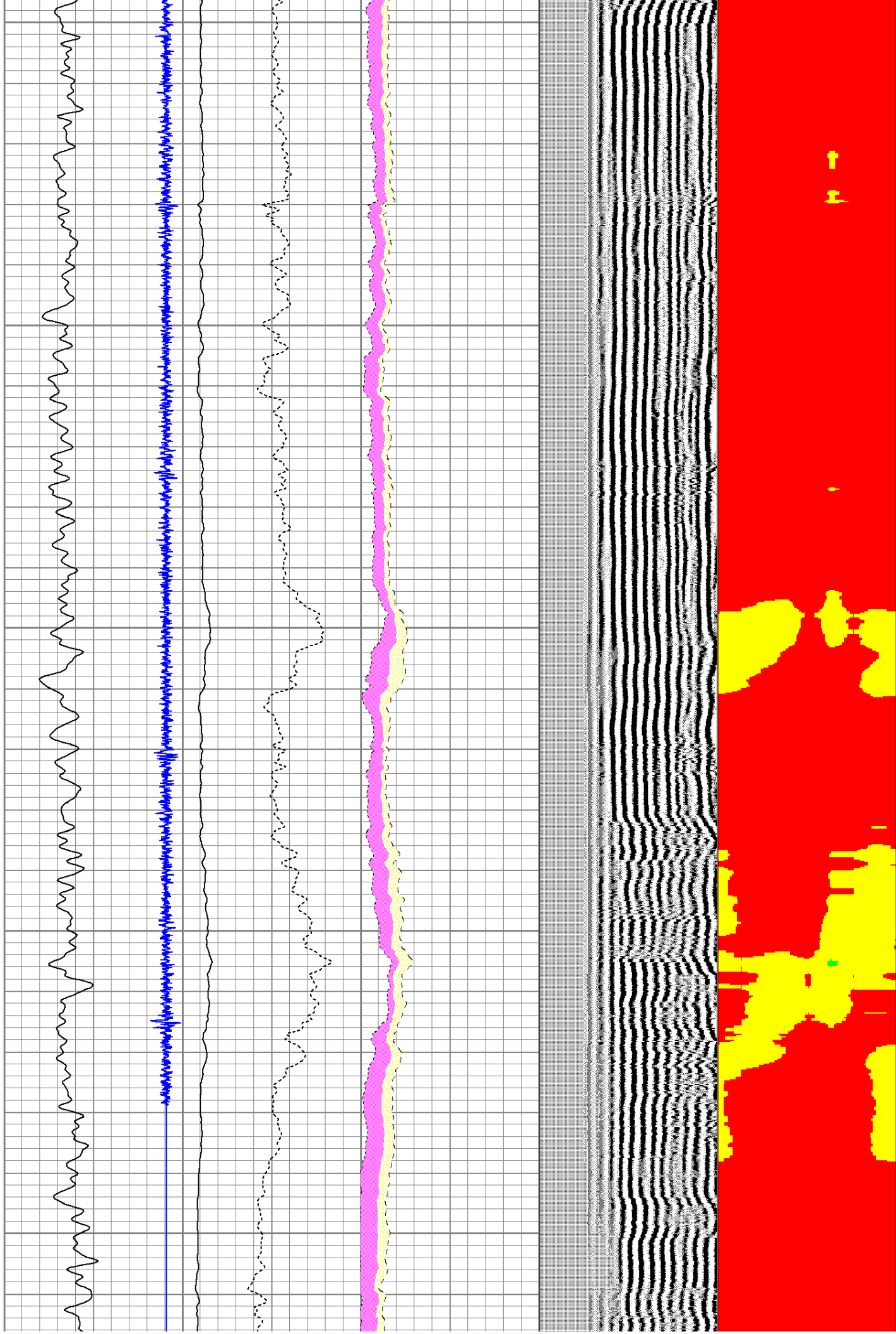
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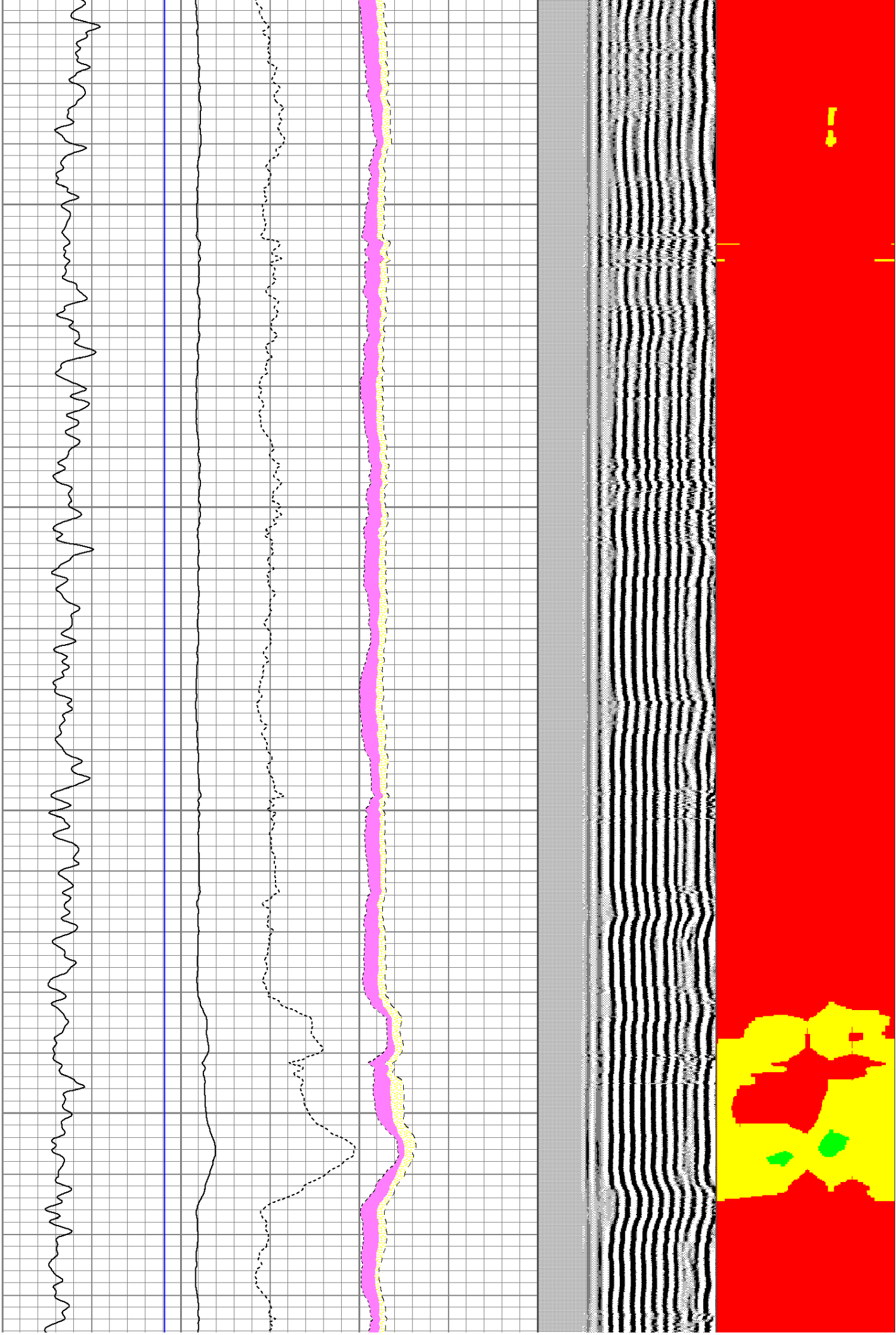
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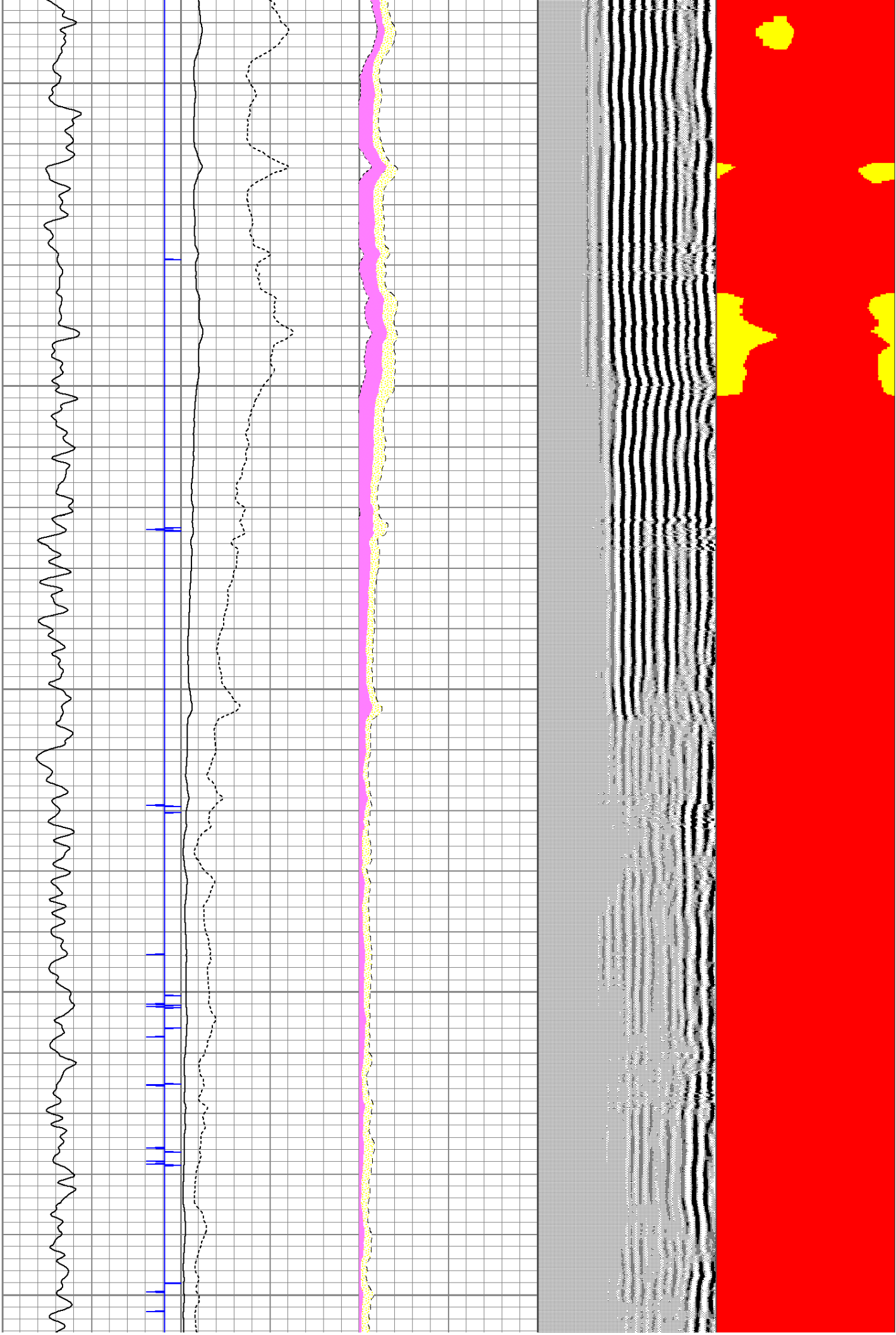
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6500

6600

6700



6800

6900

