MULTI-MINERAL WELL EVALUATION LOG

PRELIMINARY

Company	VESS OIL CORP.				
Well	MCCORD 'A' 20H				
Field	BEMIS SHUTTS				
County	ELLIS	State	KANSAS	Country	USA
Location	1680' FNL & 788' FEL				

Section	26	Township	11S	Range	17W
Permanent Datum	GL			Elevation	2091.00
Log Measured From	KB	9.6	Above Perm Datum		
Drilling Meas From	KB				

	API Num	1505126218010
	K.B.	2100.00
	D.F.	2099.00
	G.L.	2091.00

	Run 1	Run 2	Run 3
Date	23-NOV-2011		
Depth - Driller	5805.000		
Depth - Logger	5805.000		
Btm Log Interval	5780.00		
Top Log Interval	3740.00		
Casing - Driller	3740.00		
Casing - Logger	3740.00		
Bitsize	6.125		
Type Fluid in Hole	CHEM		
Dens. /Visc.	9.20 / 63.00		
pH / Fluid Loss	10.50 / 6.80		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.80 @ 55.0		
Rmf @ Meas. Temp	0.64 @ 55.0		
Rmc @ Meas. Temp	0.96 @ 55.0		
Source: Rmf / Rmc	CALC / CALC		
Rm @ BHT	0.41 @ 105.0		
Max. Rec. Temp.	105.0		

PLOT TYPE: OPEN HOLE "MULTI-MINERAL" *WELL EVALUATION LOG*

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REMARKS:

Project: 3534253
API Number: 15-051-26218
Company: VESS OIL CORPORATION
Well: MCCORD 'A' 20H
Field: BEMIS SHUTTS

County: ELLIS
State: KANSAS
Country: USA
Log Date: 23-Nov-2011

Open Hole data recorded by Weatherford Compact Tools.
Porosity data computed from (OH) NPRL/DPRL, Neutron=LS; RHOma=2.71, RHOfl=1.0.
Matrix model = Dolomite/Limestone/Sandstone/Chert/Shale.
Vsh computed from GRE (Envir. Corr.;Linear) and Neutron (Linear).)
Sw (OH) model = Simandoux.
Rw values provided by customer.
Log data affected by hole washouts.
Bad Hole and Data Quality Flag activated in depth track.

Production model: OIL/WATER.

Reported THP: N/A
Reported Hole Deviation: N/A
Reported Borehole Chlorides: N/A mg/L
Reported Formation Chlorides: 32000 mg/L
Reported Production: N/A, NEW WELL

Hydrocarbon Pay Flag

PHIE > .03
Sw < .55
Vsh < .35

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CURVE DESCRIPTIONS:

CURVE LEGEND:
VSH = Shale Volume
MIN12 = Sandstone Volume
MIN23 = Limestone Volume
MIN34 = Dolomite Volume
MIN78 = Chert Volume
GRGM = Gamma Ray, from (OH) data
CLDC = Density Caliper
CLDEL = Differential Caliper
R20F = Array Ind. One Res 20
R40F = Array Ind. One Res 40
R60F = Array Ind. One Res 60
R85F = Array ind. One Res 85
RTAF = Array Ind. One Res Rt
NPRL = Neutron Porosity (Matrix=LS, HS Corrected)
DPRL = Density Porosity (Rhoma=2.71)
DCOR = Density Correction
PDPE = PE
PAYOH = Hydrocarbon Pay Flag, Open Hole Evaluation
SWOH = Water Saturation, computed from (OH) data
PHIE = Effective Porosity, computed from (PND-S) data
BVWR = Bulk Volume Residual Water, computed from (OH) data
BVWOH = Bulk Volume Water, from (OH) data

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PARAMETERS:

** Shale Volume **

Zone Top	Zone Bot	GRcl	GRsh	SIGcl	SIGsh	NEUTcl	NEUTsh	RHOBsh	SSP
3740.0	4314.5 '	10.0	80.0			6.5	32.0	2.55	
4315.0	4527.5 '	15.0	70.0			9.0	32.0	2.55	
4528.0	4588.5 '	18.0	115.0			16.0	35.0	2.50	
4589.0	5057.5 '	7.0	75.0			9.2	38.0	2.60	
5058.0	5694.0 '	5.0	50.0			10.0	38.0	2.60	

** Open Hole Water Saturation **

Zone Top-Zone Bot	Rw @Temp	Rmf@Temp	a	m	n	Rsh	PhiSh	PhiMn	PhiMx
3740.0 - 4314.5 '	.100@104F	.640@55 F	VAR	VAR	VAR	10.	32.0	2.0	VAR
4315.0 - 4527.5 '	.090@104F	.640@55 F	VAR	VAR	VAR	8.0	32.0	2.0	VAR
4528.0 - 4588.5 '	.090@104F	.640@55 F	VAR	VAR	VAR	5.0	35.0	2.0	VAR
4589.0 - 5057.5 '	.090@104F	.640@55 F	VAR	VAR	VAR	4.5	38.0	2.0	VAR
5058.0 - 5694.0 '	.090@104F	.640@55 F	VAR	VAR	VAR	8.0	38.0	2.0	VAR

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BOREHOLE ENVIRONMENT:

BOREHOLE RECORD:

Bit Size	Top	-	Bottom
6.125"	3740.00	-	5805.00'

CASING RECORD:

Size	Top	-	Bottom
7.00	Surface	-	3740.00'

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PETROPHYSICAL REPORTS:

WELL#0001 Weatherford International, Inc. - PETROPHYSICAL EVALUATION REPORT A

COMPANY - VESS OIL CORP. COUNTY - ELLIS API # -
WELL - MCCORD 'A' 20H STATE -
FIELD - BEMIS SHUTTS COUNTRY - USA / KANSAS DATE - 12/ 1/2011

FORMATION NAMES	CUM ZONE DEPTHS TOP	BOTTOM	TOTAL h	PHI Avg	Sw Avg	BVW Avg	TOTAL h	PHI Avg	Sw Avg	BVW Avg	TOTAL h	PHI Avg
	>>>>-CUTOFFS->>>>			SW .LE. 40.0%				VSH .LE. 35.0%				
	>>>>--------->>>>		S	PHI CUTOFF = 6.0%				PHI CUTOFF = 7.0%				PHI CU
ZONE (3740-4315)	3740.0	4314.5	4.5	20.6	1	.002	4.0	22.4	1	.002	4.0	22

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ANALYST: S.Saksena
PROGRAM: APP v.2.52

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ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFULL NEGLIGENCE ON OUR PART, 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. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS SET OUT IN OUR CURRENT PRICE SCHEDULE.

WEATHERFORD INTERNATIONAL, LTD.

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[redacted] Poss_UnMoved_Hydrocarbons [redacted] Ankerite_Volume

Large_Borehole

Mud_Cake

Gas_Indication_from_Neut/Den.

Shale_Volume

Sandstone_Volume

Limestone_Volume

Dolomite_Volume

Anhydrite_Volume

Salt_Volume

Chert_Volume

Siltstone_Volume

OH_Pay_Flag

Poss_Movable_Oil

Poss_Water_Production

Oil_Cut

Water_Cut

Poss_Movable_Water

MCCORD 'A' 20H
1 Dec 2011 @ 14:18
DEPTH (FT)
Interval: 3744.00 to 5696.00
Depth Scale Ratio: 1/240

CLDC	DEPTH	CLDEL	IDN	VSH	SWOH	PAYOH
5 in 15	FT	-20 in 20	0	dec 1	1 dec 0	0 10

GRGM	MTU)	R20F	NPRL	HN	MIN12	PHIE
0 gapi 150	3000	0.2 ohmm 200	0.3 dec(ls) -0.1	0	dec 1	0.3 dec 0

BIT	SHALE	R40F	DPRL	GR	MIN23	BVWR
5 in 15	fb	0.2 ohmm 200	0.3 dec(ls) -0.1	0	dec 1	0.3 dec 0

R60F	PDPE	MIN34	BVWOH
0.2 ohmm 200	0 b/e 20	0 dec 1	0.3 dec 0

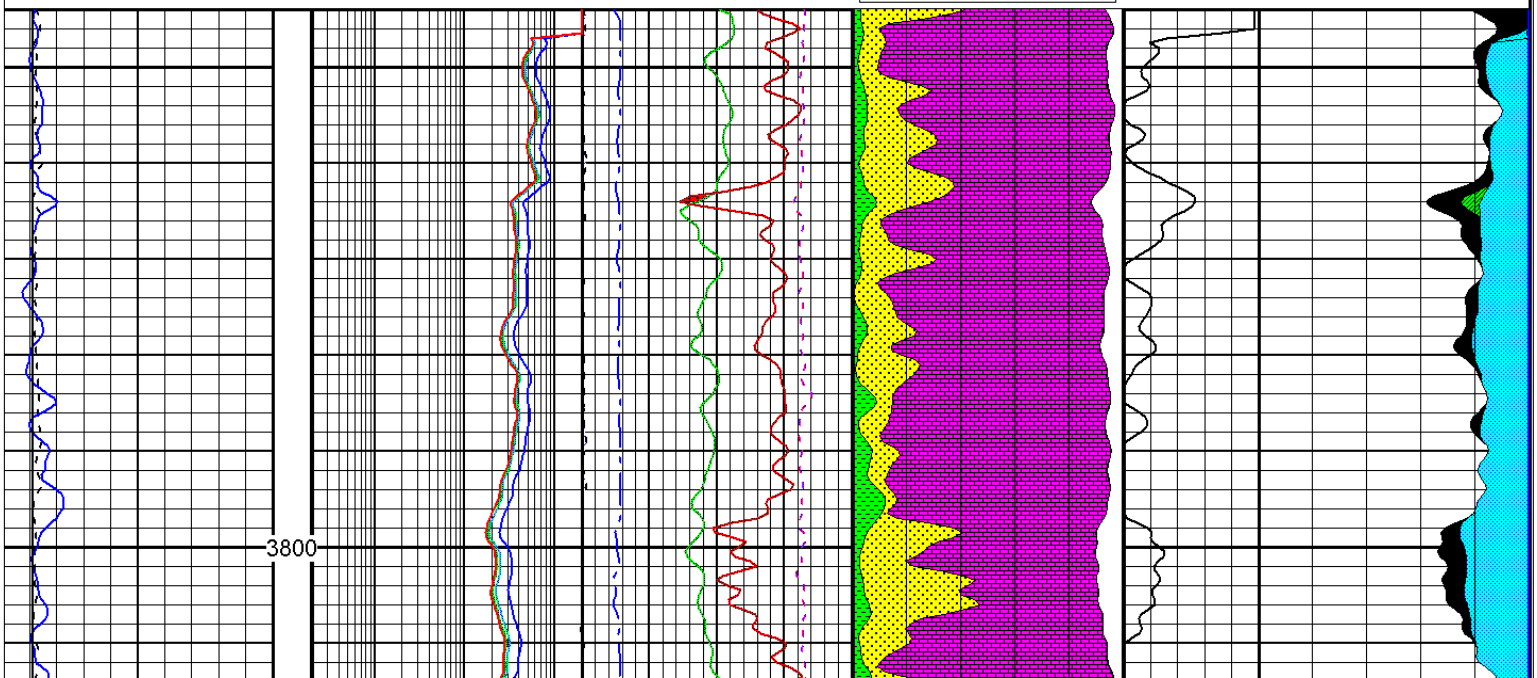
RTAF	DCOR	MIN45
0.2 ohmm 200	-0.8 g/c3 0.2	0 dec 1

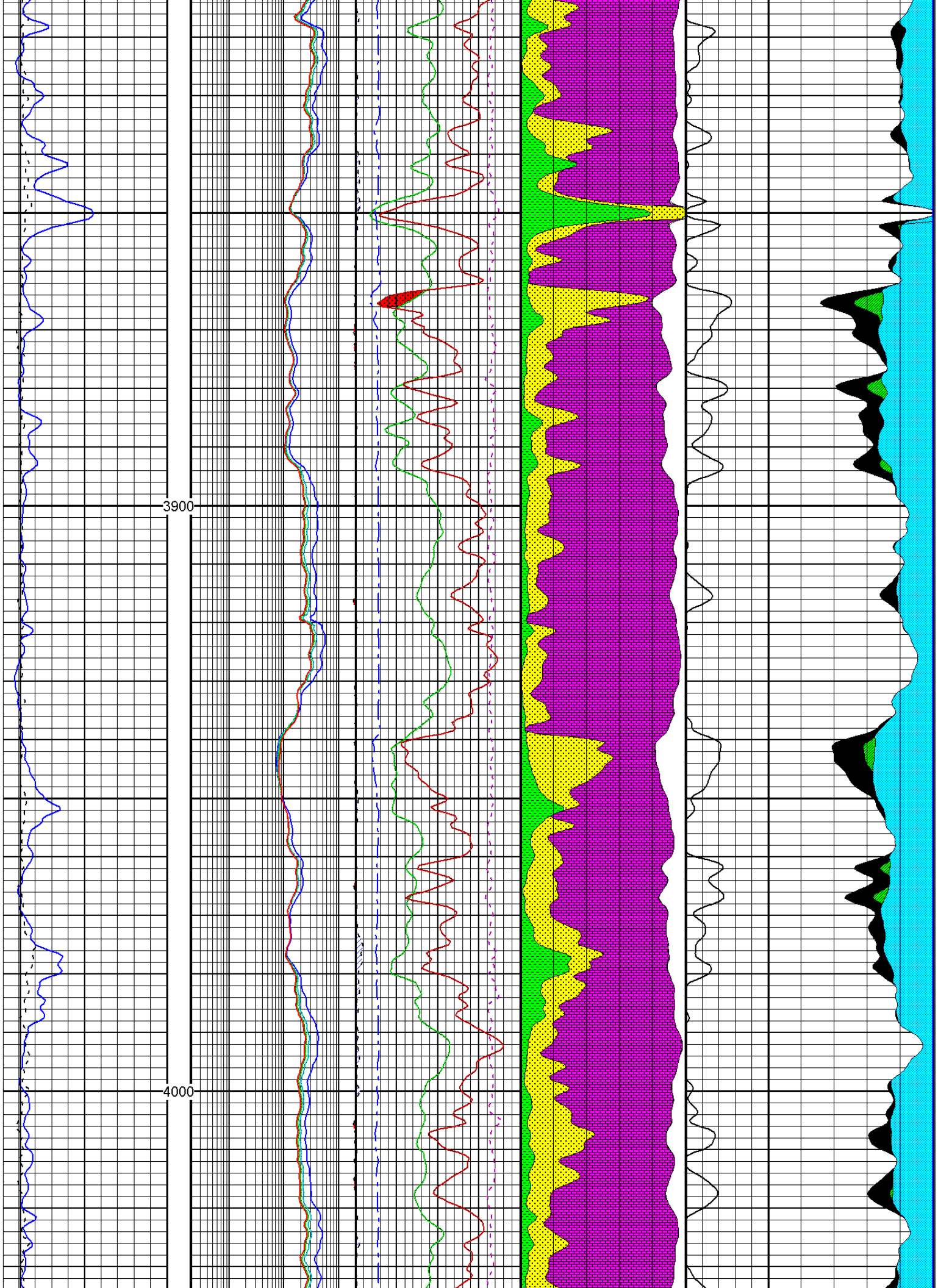
MIN56
0 dec 1

MIN67
0 dec 1

MIN78
0 dec 1

PHIE
1 dec 0

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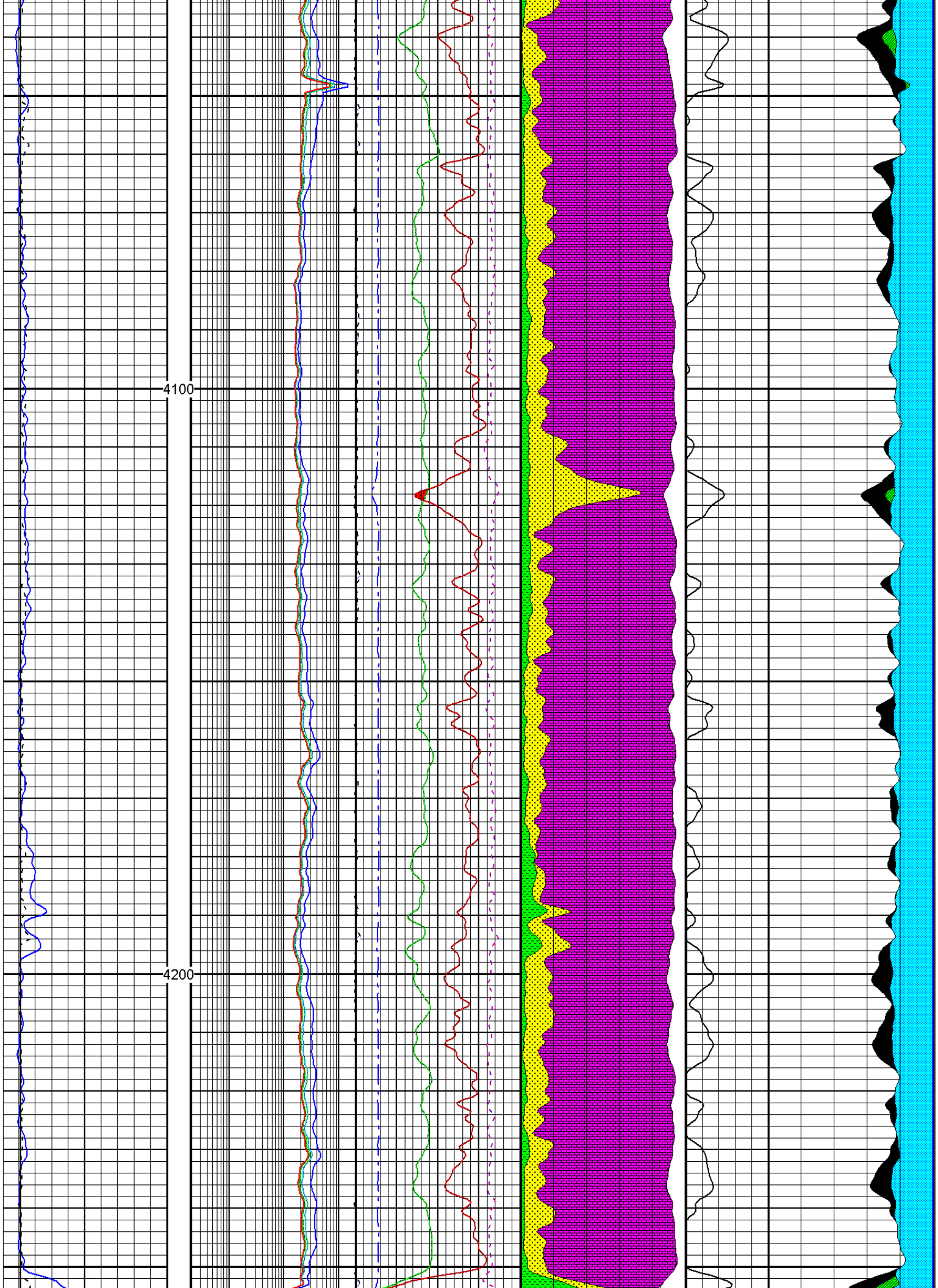
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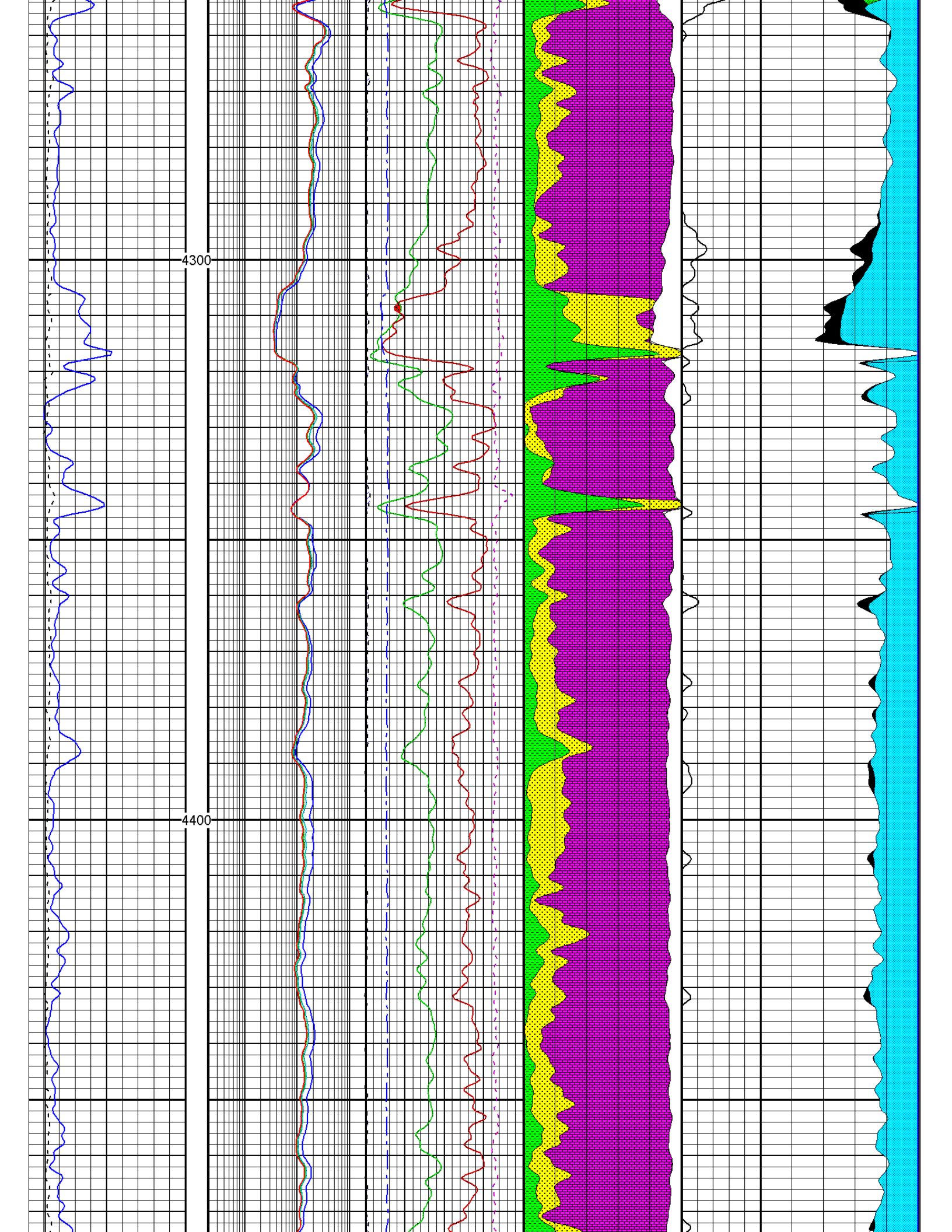
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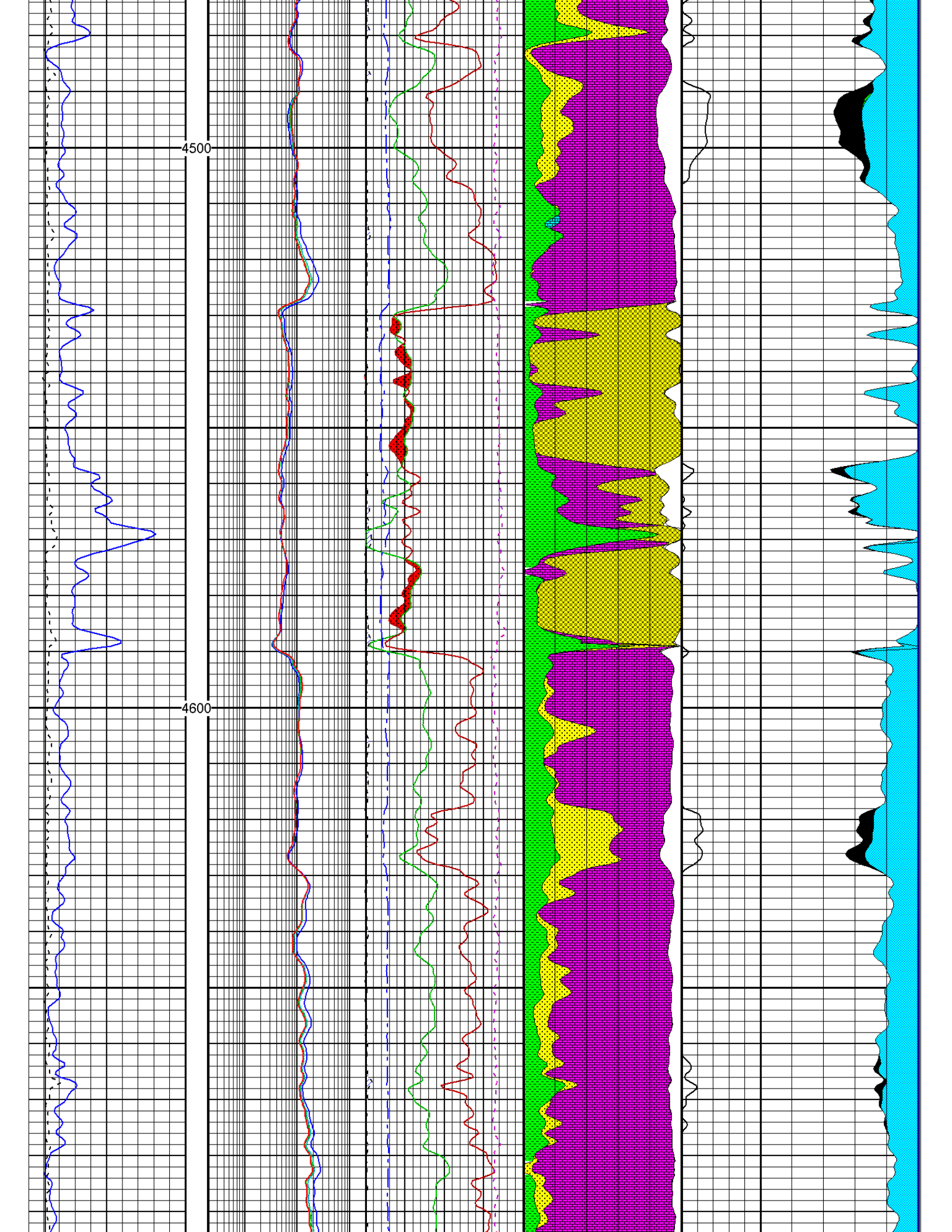
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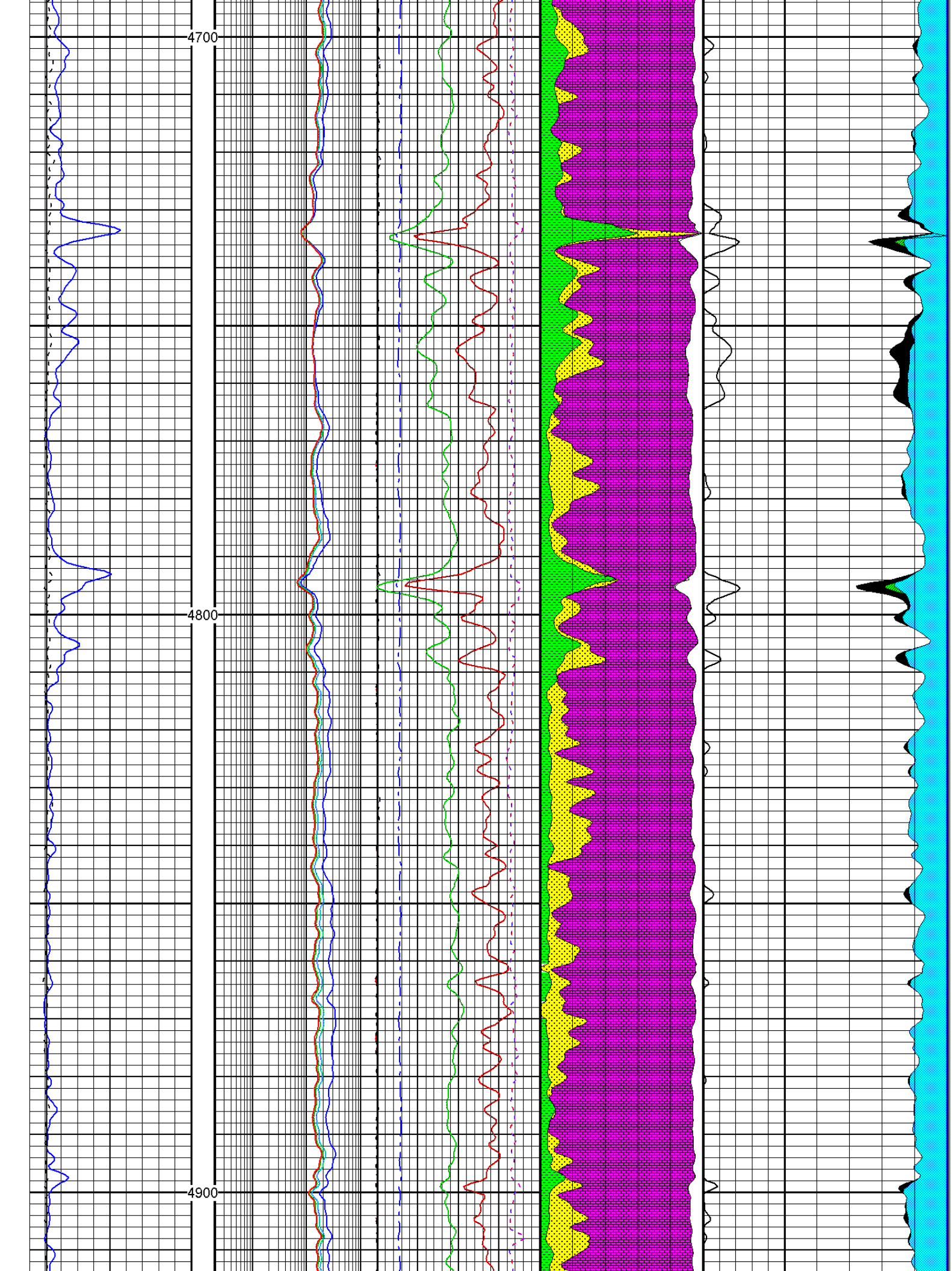
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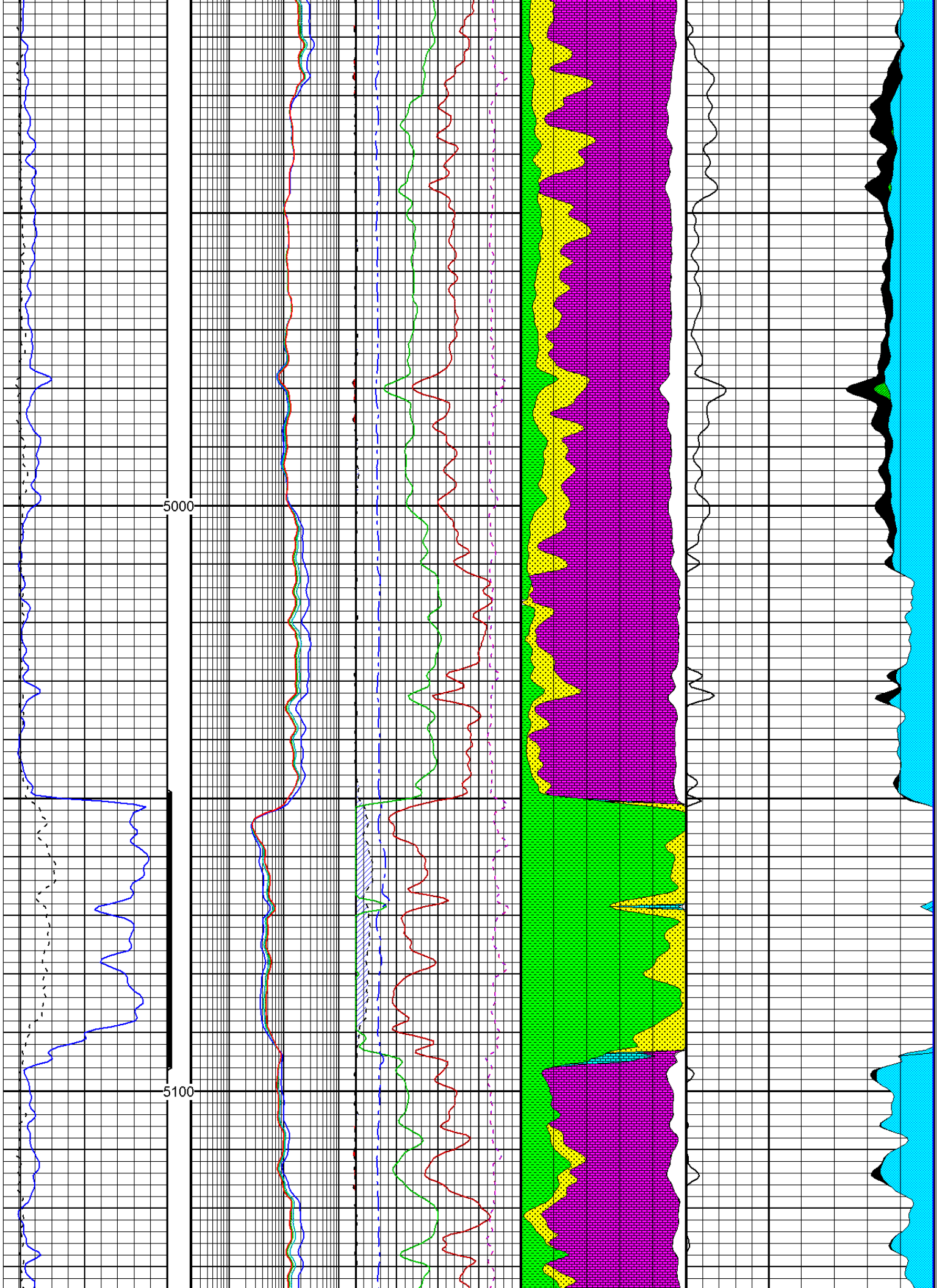
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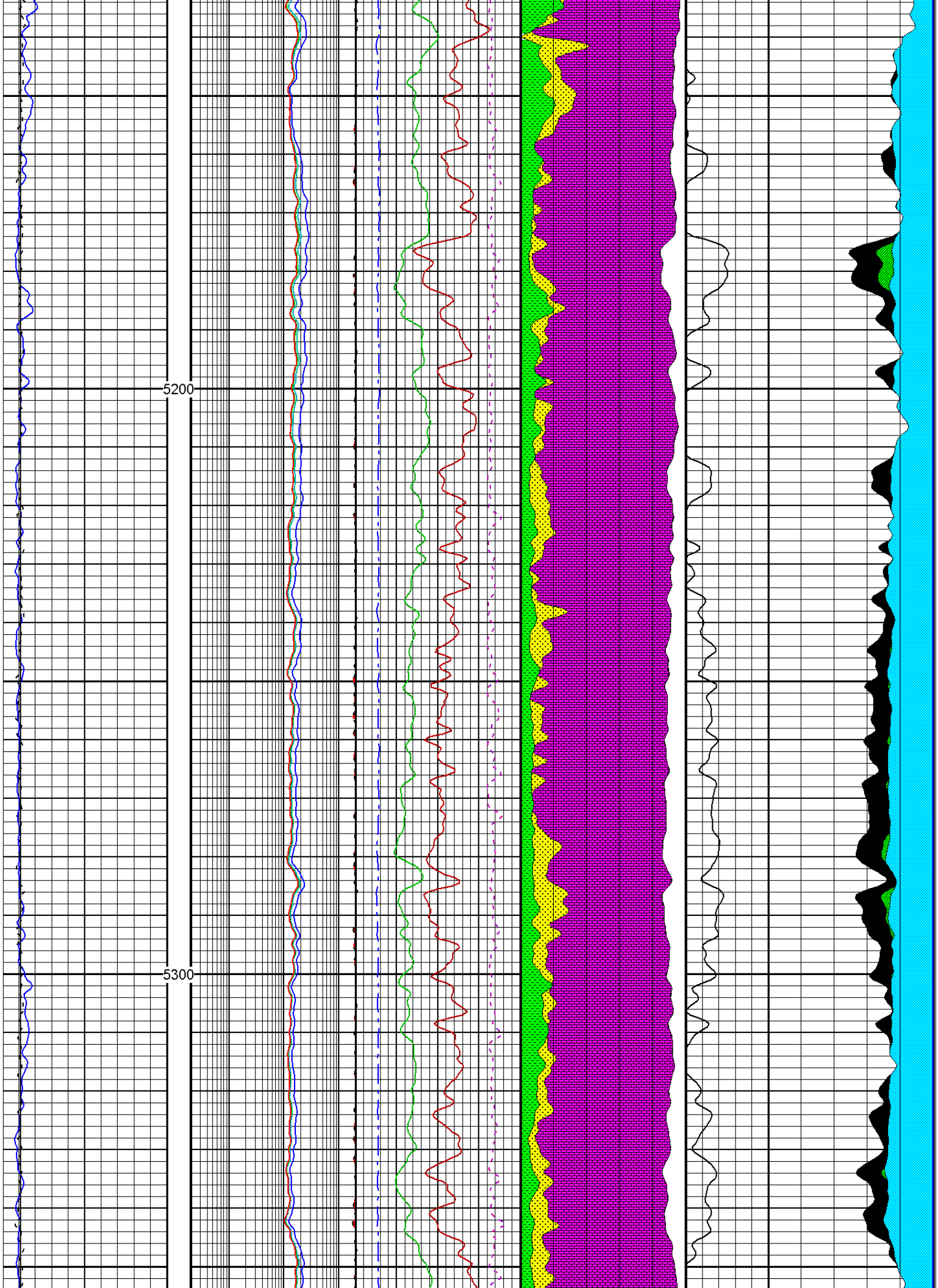
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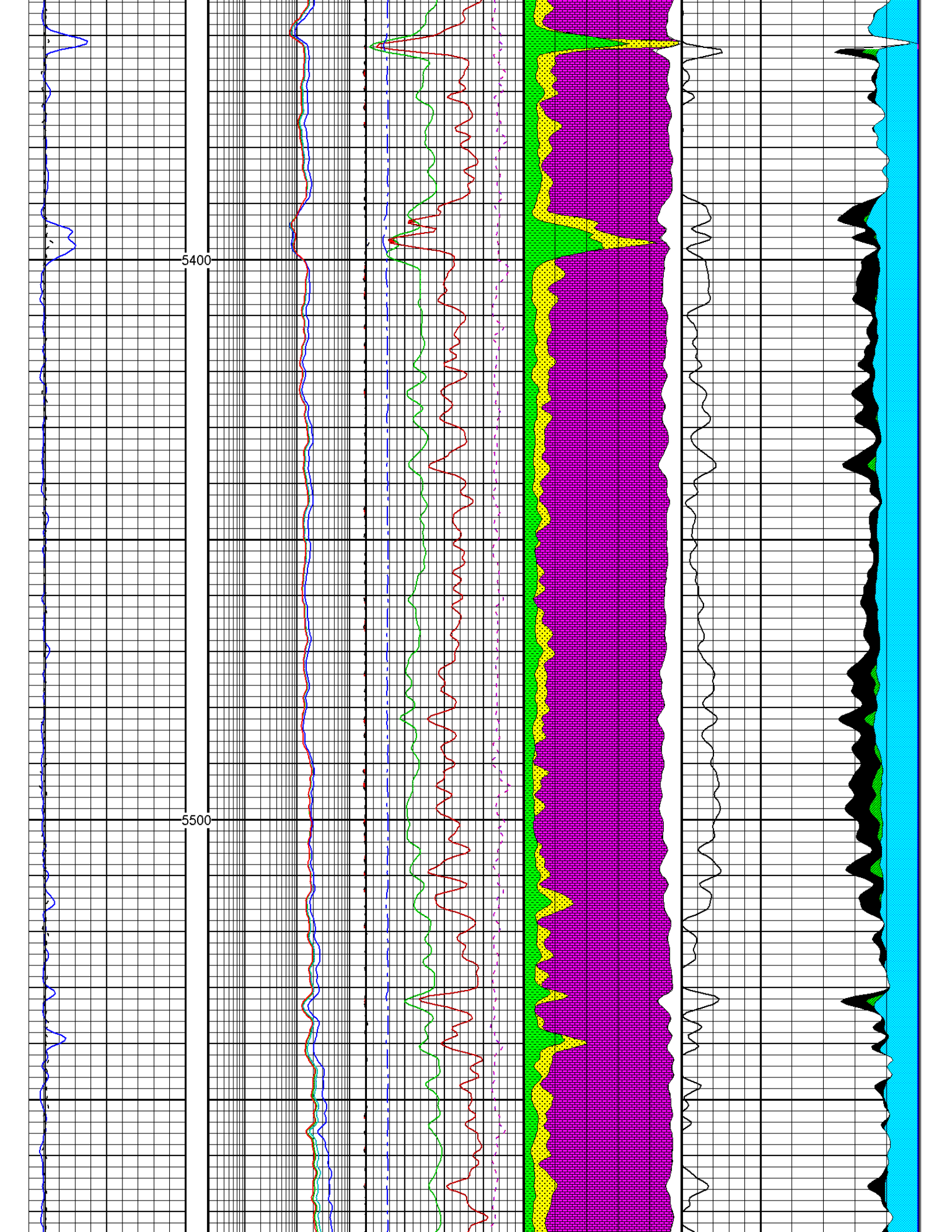
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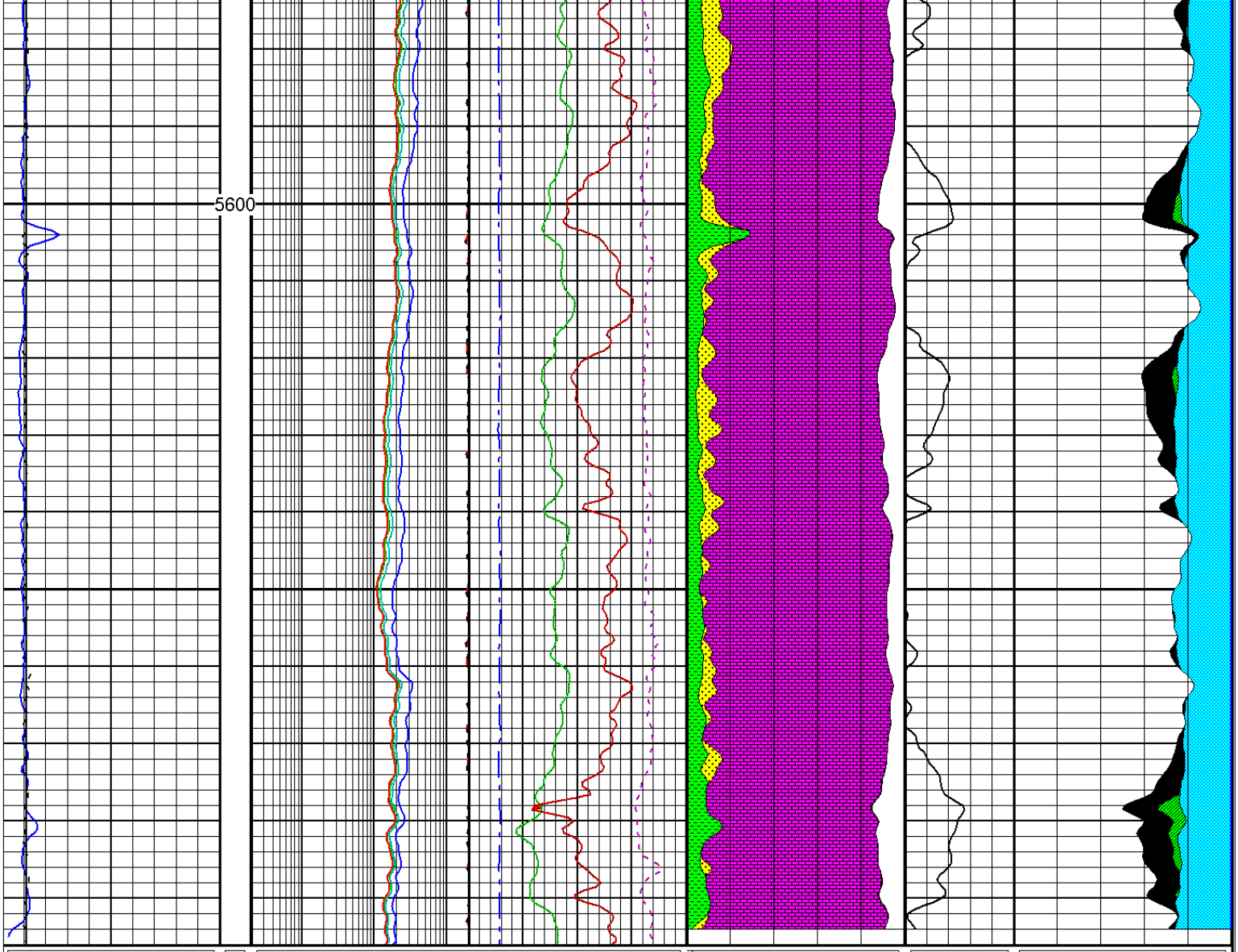

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R60F	PDPE	MIN34	BVWOH
0.2 ohmm 200	0 b/e 20	0 dec 1	0.3 dec 0

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MIN56
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