PIONEER

Pioneer Energy Services

Computer Processed Interpretation

API No.	
15-171-20902-00-00	Company: New Gulf Operating, LLC
	Well: Pammenter #1
	Field: Wildcat
	County: Scott State: Kansas
	Location: 682' FNL & 2194' FEL
	Sec: 26 Twp: 17S Rge: 34W

Other Services: DIL/CNL/CDL MEL

Permanent Datum	Ground Level	Elevation 3110	Elevation
Log Measured From	Kelly Bushing	9 Ft. Above Perm. Datum	K.B. 3119
Drilling Measured From	Kelly Bushing		D.F.
			G.L. 3110

Date Recorded	10/14/2012
Depth Logger	5050
	Curve Definitions
SW	Water Saturation
SXO	Water Saturation In The Flushed Zone
VCL	Volume Of Clay
PHIE	Density - Neutron Crossplot Shale Corrected
BVW	Bulk Volume Water
BVWSXO	Bulk Volume Water In Flushed Zone
DCAL	Caliper
SPC	SP Corrected For Baseline
DGA	Apparent Grain Density
Payflag	If: PHIE> 2 %, VCL< 40 %, SPC> -10 , SW< 50 % & DCAL< 11
Recorded By	R. Barnhart
Witnessed By	Sean Deenihan
Analysis By	T. Martin

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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 willful 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.

Comments

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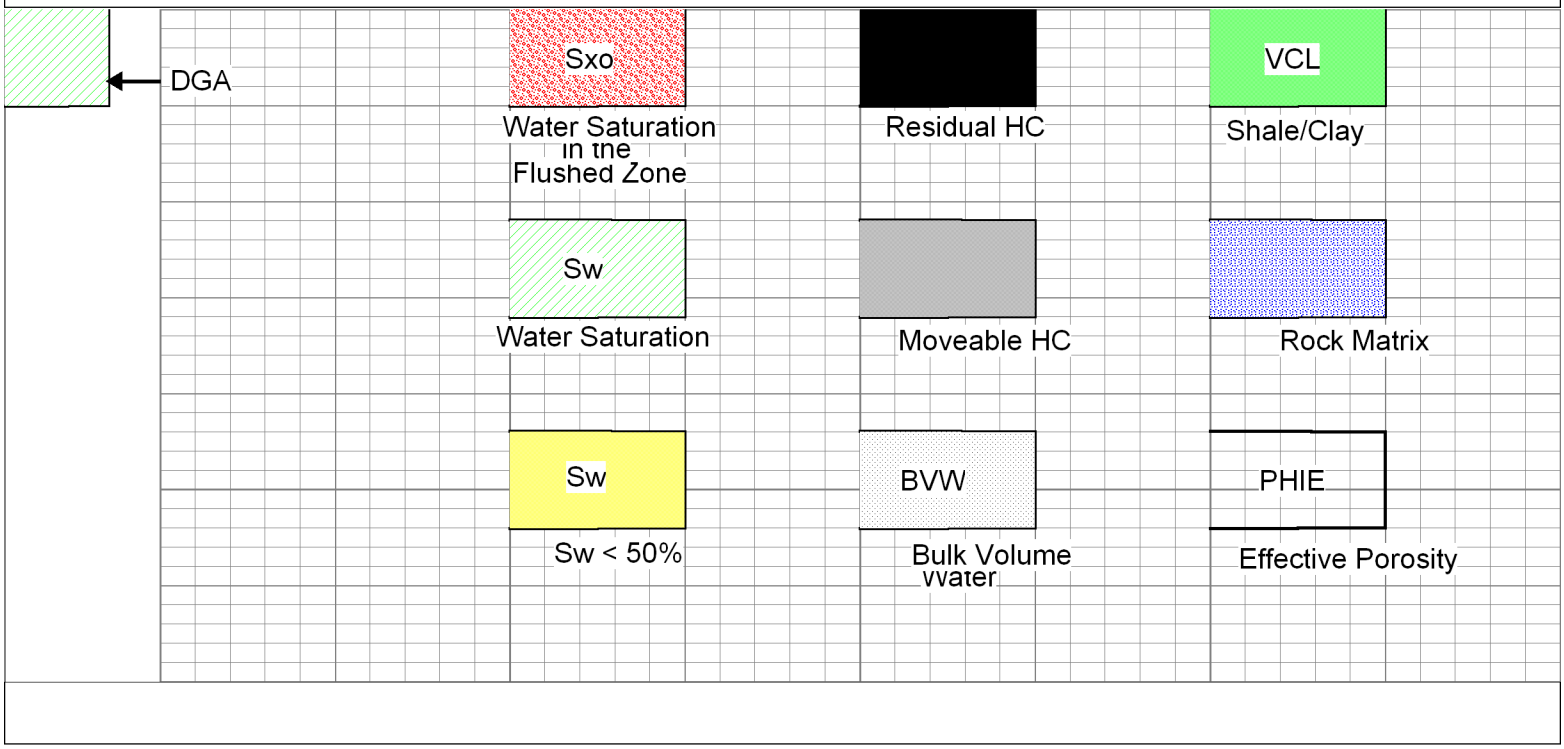
Scott City, KS:
6W to Eagle Rd., 5N, W into

Database File: c:\warrior\data\cross plots\2wxplt.db
Dataset Pathname: litho
Presentation Format: 2wxplt
Dataset Creation: Thu Apr 24 14:32:02 1997
Charted by: Depth in Feet scaled 1:240



Database File: newgulfhd.db
Dataset Pathname: dil/ngcpi
Presentation Format: calc
Dataset Creation: Sun Oct 14 18:57:10 2012
Charted by: Depth in Feet scaled 1:240

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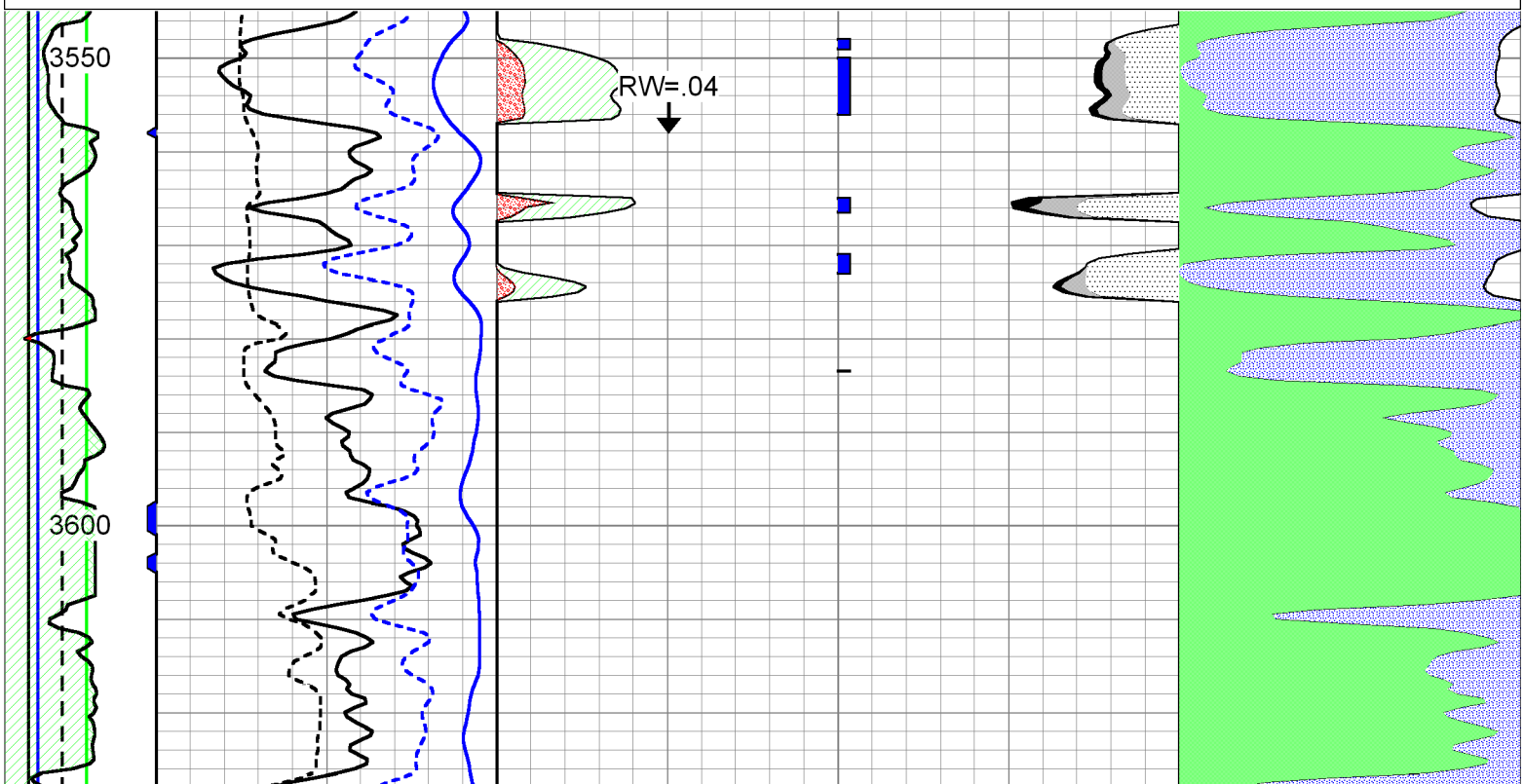
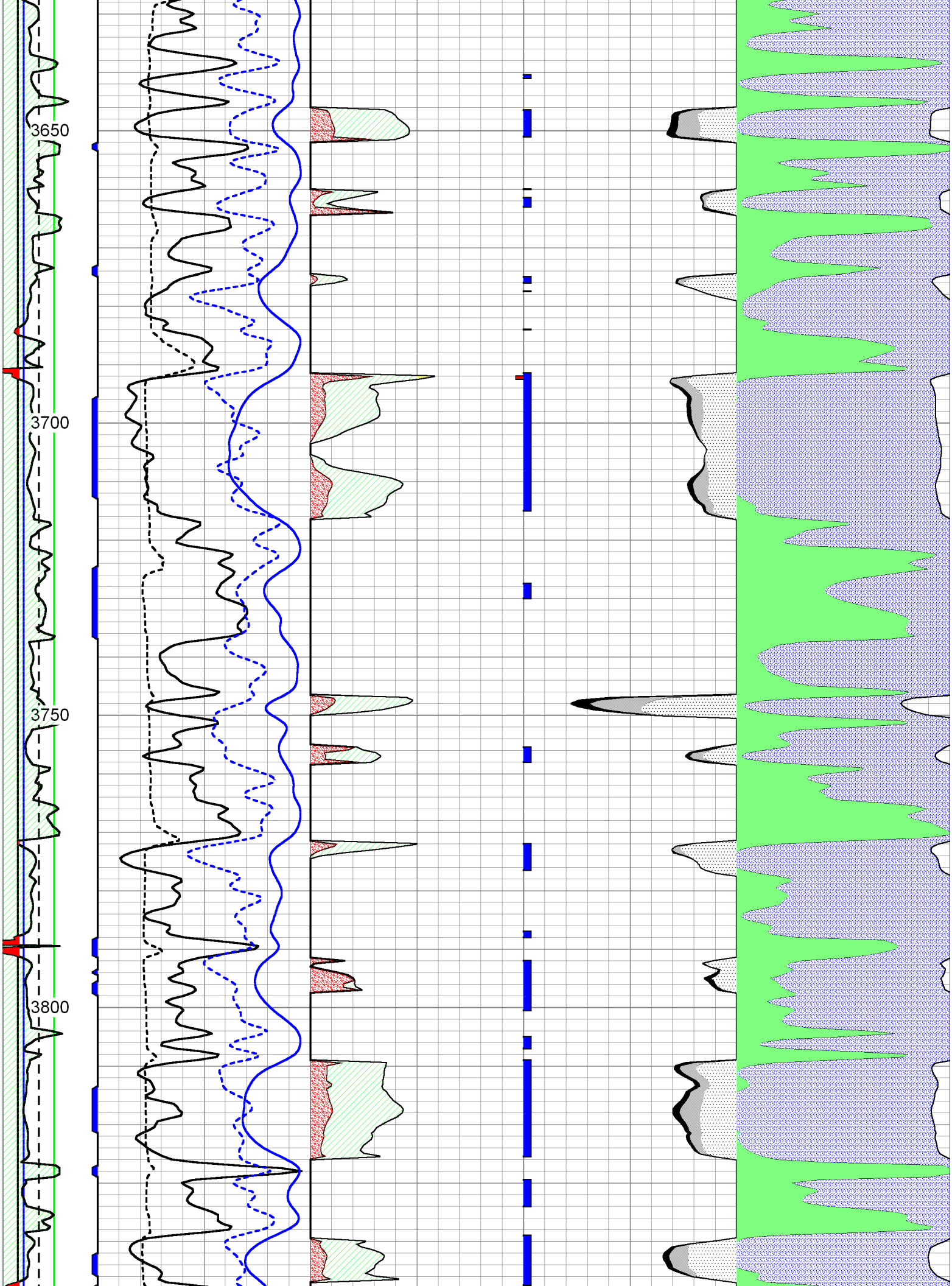
2.6	LM	3.1	6	DCAL (GAPI)	16	30	PAYFLAG	0	0.3	BVW	0	1	PHIE	0
	DGA		-150	SPC	0	1	SXO	0	0	PERM	30			
2.6		3.1							0.3	BVWSXO	0			

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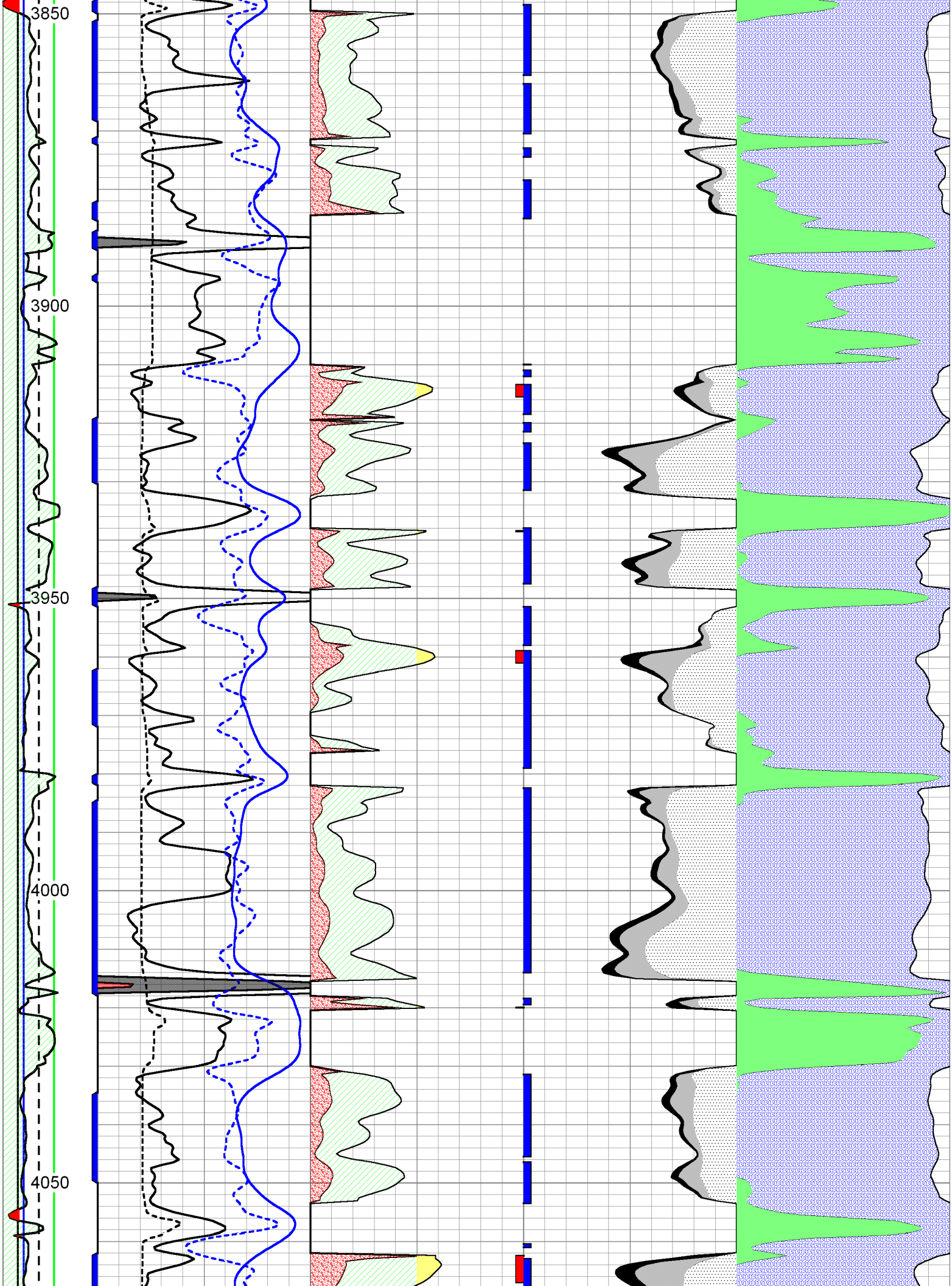
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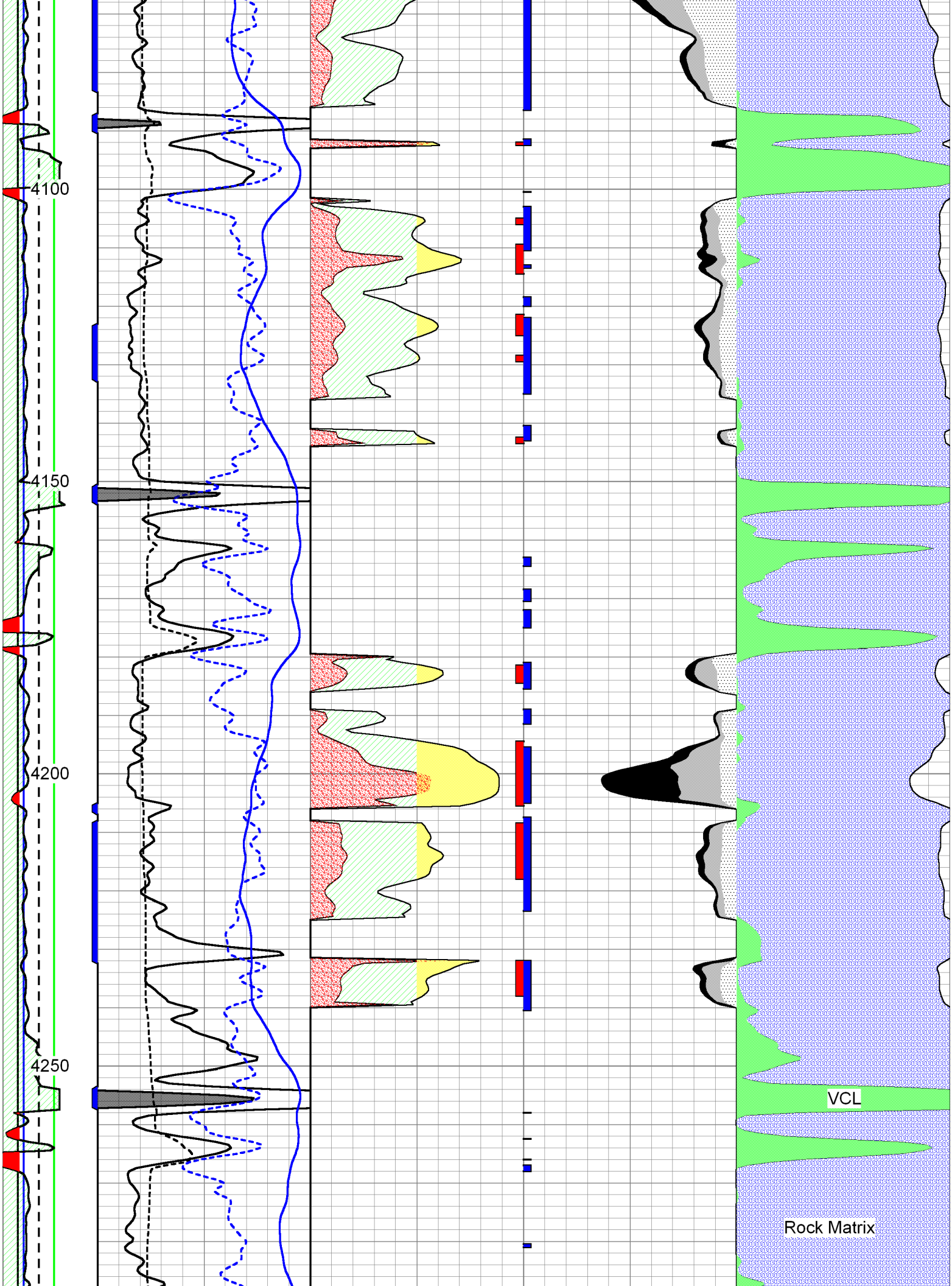
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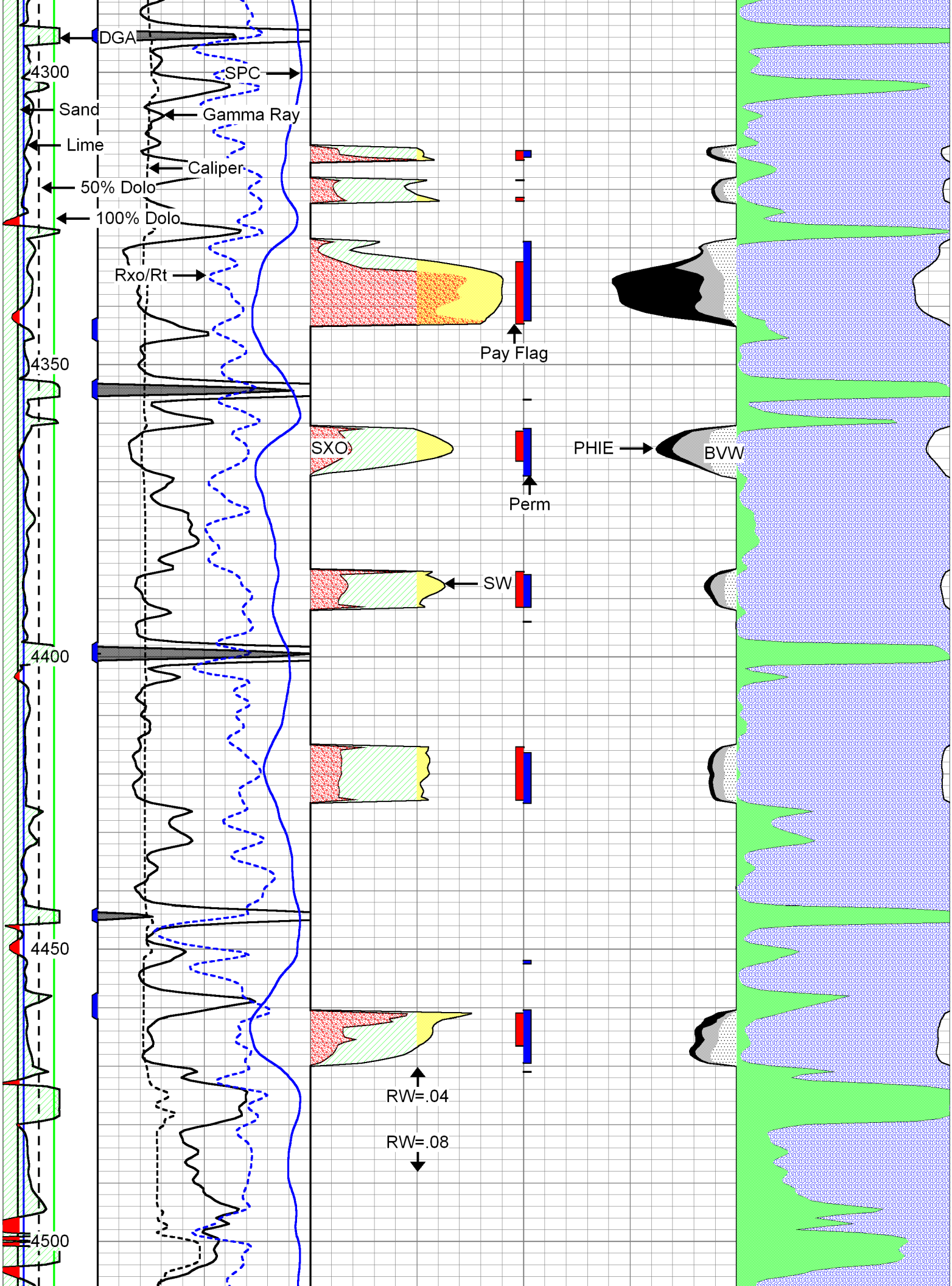
4250
VCL
Rock Matrix


DGA
4300
SPC
Sand
Gamma Ray
Lime
Caliper
50% Dolo
100% Dolo
Rxo/Rt
Pay Flag
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SXO
PHIE
BVW
Perm
SW
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RW=.08
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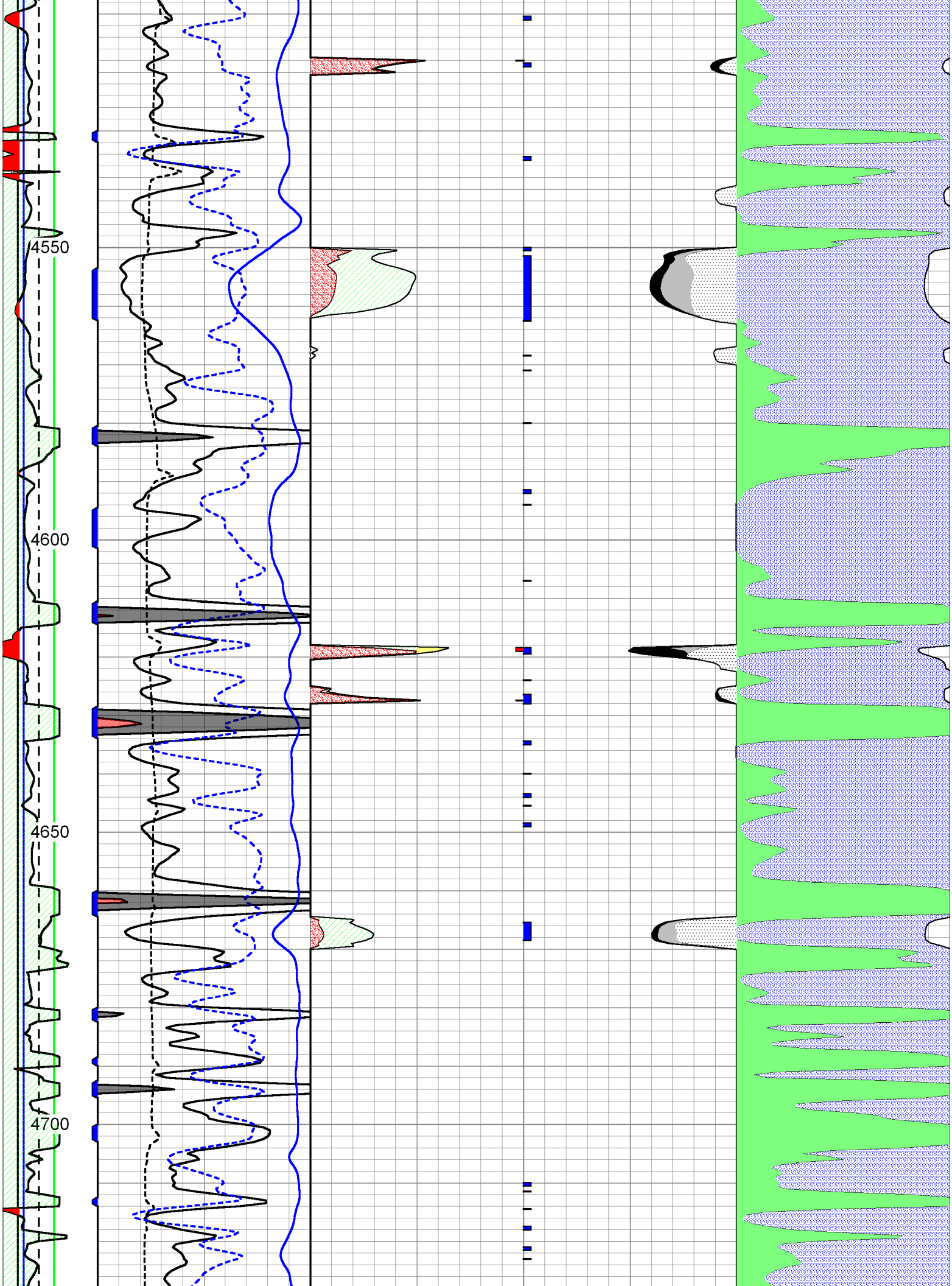
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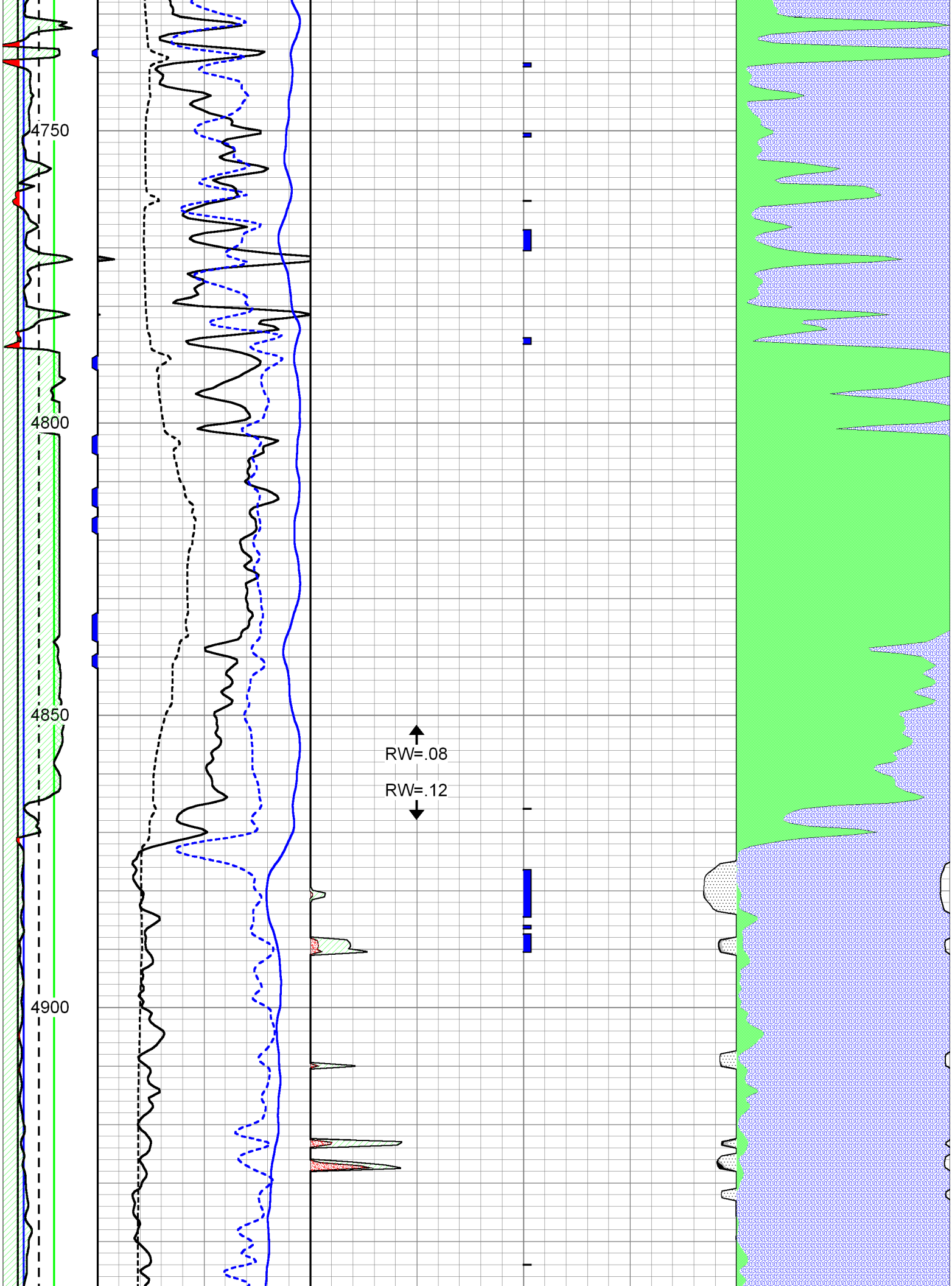
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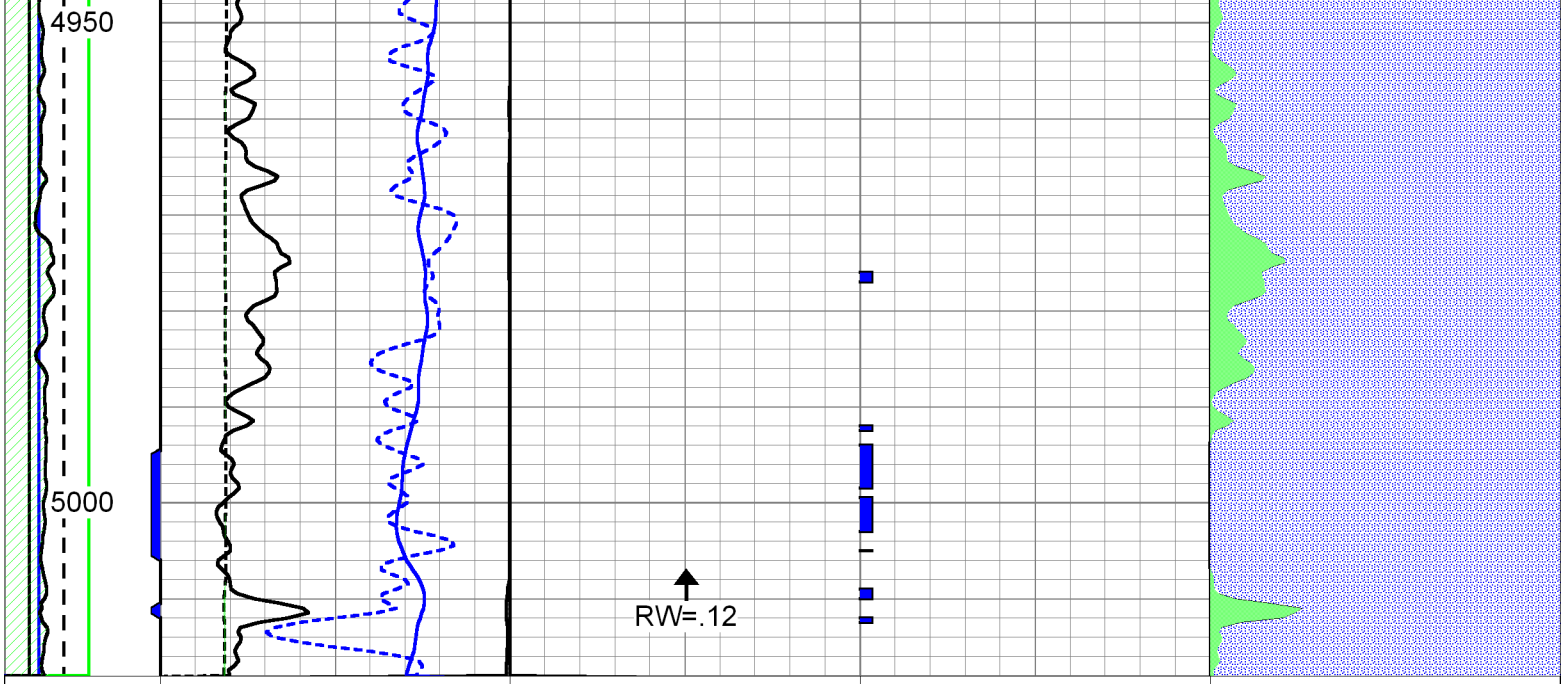

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2.6		3.1							0.3	BVWSXO	0			