



Longtom 4H Ecoview 13-Aug-2008

Company	Nexus Energy Ltd		
Well Name	Longtom 4H		
Field	Longtom		
Country	Australia	State	Victoria
Location	Bass Strait		

Permanent Datum	LAT	Elevation	0m	Elevation:	K.B.	41.1m
Log Measured fro	Drill Floor	41.1m	Above Permanent Datum		D.F.	41.1m
Drill Measured From	Rotary Table				G.L.	-56m
Date	13-August-2008			Rm	Rm Meas	
Btm Log Interval	4634m			Rmf	Rmf Mea	
Top Log Interval	2591m			Rmc	Rmc Mea	

CUTOFF SUMMARY REPORT

Reservoir SUMMARY

Zn #	Zone Name	Top	Bottom	Gross	Net	N/G	Av Phi	Av Sw	Av Vcl Ari	Av KInt Ari	Phi*H	PhiSo*H	KInt*H
1	400 A	2591.00	2610.00	19.00	0.00	0.000	---	---	---	---	---	---	---
2	300 M1	2610.00	2632.00	22.00	20.63	0.938	0.134	0.752	0.119	125.396	2.77	0.68	2586.69
3	300 A	2632.00	2682.50	50.50	0.00	0.000	---	---	---	---	---	---	---
4	200 M1	2682.50	2765.00	82.50	80.08	0.971	0.153	0.483	0.260	6.502	12.27	6.35	520.71
5	200 A	2765.00	2828.00	63.00	0.00	0.000	---	---	---	---	---	---	---
6	100 M1	2828.00	2862.50	34.50	30.14	0.874	0.180	0.280	0.321	7.790	5.42	3.90	234.77
7	100 A	2862.50	3131.00	268.50	0.00	0.000	---	---	---	---	---	---	---
8	50 M1	3131.00	3266.00	135.00	117.32	0.869	0.183	0.574	0.290	9.183	21.47	9.13	1077.37
9	100 B	3266.00	3635.50	369.50	0.00	0.000	---	---	---	---	---	---	---
10	100 M2	3635.50	3943.00	307.50	297.72	0.968	0.152	0.292	0.205	6.397	45.26	32.05	1904.53
11	100 C	3943.00	4085.00	142.00	0.00	0.000	---	---	---	---	---	---	---
12	100 M3	4085.00	4188.00	103.00	96.79	0.940	0.135	0.273	0.206	1.916	13.11	9.54	185.42
13	100 D	4188.00	4237.50	49.50	0.00	0.000	---	---	---	---	---	---	---
14	100 M4	4237.50	4406.00	168.50	154.32	0.916	0.128	0.259	0.217	1.641	19.81	14.68	253.23
15	100 E1	4406.00	4530.00	124.00	0.00	0.000	---	---	---	---	---	---	---
16	100 E2	4530.00	4614.00	84.00	0.00	0.000	---	---	---	---	---	---	---
17	100 M5	4614.00	4633.80	19.80	13.55	0.684	0.099	0.806	0.203	0.228	1.34	0.26	3.08
All Zones		2591.00	4633.80	2042.80	810.55	0.397	0.150	0.369	0.227	8.347	121.45	76.59	6765.79

Pay SUMMARY

Zn #	Zone Name	Top	Bottom	Gross	Net	N/G	Av Phi	Av Sw	Av Vcl Ari	Av KInt Ari	Phi*H	PhiSo*H	KInt*H
1	400 A	2591.00	2610.00	19.00	0.00	0.000	---	---	---	---	---	---	---
2	300 M1	2610.00	2632.00	22.00	0.00	0.000	---	---	---	---	---	---	---
3	300 A	2632.00	2682.50	50.50	0.00	0.000	---	---	---	---	---	---	---
4	200 M1	2682.50	2765.00	82.50	70.56	0.855	0.158	0.454	0.250	7.364	11.18	6.10	519.63
5	200 A	2765.00	2828.00	63.00	0.00	0.000	---	---	---	---	---	---	---
6	100 M1	2828.00	2862.50	34.50	30.14	0.874	0.180	0.280	0.321	7.790	5.42	3.90	234.77
7	100 A	2862.50	3131.00	268.50	0.00	0.000	---	---	---	---	---	---	---
8	50 M1	3131.00	3266.00	135.00	97.08	0.719	0.195	0.543	0.285	11.037	18.95	8.66	1071.47
9	100 B	3266.00	3635.50	369.50	0.00	0.000	---	---	---	---	---	---	---
10	100 M2	3635.50	3943.00	307.50	297.72	0.968	0.152	0.292	0.205	6.397	45.26	32.05	1904.53
11	100 C	3943.00	4085.00	142.00	0.00	0.000	---	---	---	---	---	---	---
12	100 M3	4085.00	4188.00	103.00	96.62	0.938	0.136	0.272	0.206	1.919	13.10	9.54	185.41
13	100 D	4188.00	4237.50	49.50	0.00	0.000	---	---	---	---	---	---	---
14	100 M4	4237.50	4406.00	168.50	154.23	0.915	0.128	0.259	0.217	1.642	19.80	14.68	253.22
15	100 E1	4406.00	4530.00	124.00	0.00	0.000	---	---	---	---	---	---	---

16	100	E2	4530.00	4614.00	84.00	0.00	0.000	---	---	---	---	---	---	
17	100	M5	4614.00	4633.80	19.80	0.00	0.000	---	---	---	---	---	---	
All Zones			2591.00	4633.80	2042.80	746.34	0.365	0.152	0.341	0.227	5.586	113.71	74.93	4169.03

CUTOFFS USED

Zn #	Zone Name	Top	Bottom	Min. Height	Phi PHIT	Sw SWT	Vcl VCL	KInt KINT
Reservoir								
1	400 A	2591.00	2610.00	0.	>= 0.08		<= 0.5	>= 1000.
2	300 M1	2610.00	2632.00	0.	>= 0.08		<= 0.5	>= 0.01
3	300 A	2632.00	2682.50	0.	>= 0.08		<= 0.5	>= 100.
4	200 M1	2682.50	2765.00	0.	>= 0.08		<= 0.5	>= 0.01
5	200 A	2765.00	2828.00	0.	>= 0.08		<= 0.5	>= 100.
6	100 M1	2828.00	2862.50	0.	>= 0.08		<= 0.5	>= 0.01
7	100 A	2862.50	3131.00	0.	>= 0.08		<= 0.5	>= 100.
8	50 M1	3131.00	3266.00	0.	>= 0.08		<= 0.5	>= 0.01
9	100 B	3266.00	3635.50	0.	>= 0.08		<= 0.5	>= 100.
10	100 M2	3635.50	3943.00	0.	>= 0.08		<= 0.5	>= 0.01
11	100 C	3943.00	4085.00	0.	>= 0.08		<= 0.5	>= 100.
12	100 M3	4085.00	4188.00	0.	>= 0.08		<= 0.5	>= 0.01
13	100 D	4188.00	4237.50	0.	>= 0.08		<= 0.5	>= 100.
14	100 M4	4237.50	4406.00	0.	>= 0.08		<= 0.5	>= 0.01
15	100 E1	4406.00	4530.00	0.	>= 0.08		<= 0.5	>= 100.
16	100 E2	4530.00	4614.00	0.	>= 0.08		<= 0.5	>= 100.
17	100 M5	4614.00	4633.80	0.	>= 0.08		<= 0.5	>= 0.01
Pay								
1	400 A	2591.00	2610.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 1000.
2	300 M1	2610.00	2632.00	0.	>= 0.08	<= 0.3	<= 0.5	>= 0.01
3	300 A	2632.00	2682.50	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
4	200 M1	2682.50	2765.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01
5	200 A	2765.00	2828.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
6	100 M1	2828.00	2862.50	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01
7	100 A	2862.50	3131.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
8	50 M1	3131.00	3266.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01
9	100 B	3266.00	3635.50	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
10	100 M2	3635.50	3943.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01
11	100 C	3943.00	4085.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
12	100 M3	4085.00	4188.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01
13	100 D	4188.00	4237.50	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
14	100 M4	4237.50	4406.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01
15	100 E1	4406.00	4530.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
16	100 E2	4530.00	4614.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
17	100 M5	4614.00	4633.80	0.	>= 0.08	<= 0.3	<= 0.5	>= 0.01

Depth Units : m

Remarks

1. The Interpretation is based on the Ecoview Model
2. Spectroscopy data computed using GeoFrame 4.3 DC3 Ecoscope Preplus
3. Spectroscopy Parameters
 - Clay Mode Option : SubArkose
 - Sulphur Mineral Processing Option : Pyrite ; Siderite Option : On
 - Potassium, Barium, Magnisium Standard = off
 - Background & Capture Filter Length = 11

- Background & Capture Filter Length = 11

4. Input Data

- Resistivity : P40H (40" Phase Resistivity)
- Density : ROBB (Bottom Density)
- Neutron : BPHI (Best Neutron Porosity)
- Caliper : DCAV (Average Density Caliper)
- Saturation Equation : Waxman-Smiths
- Formation Water Salinity = 30 ppk
- Clay CEC = 0.1

5. Data Spliced from following LWD Run

- Run 5 : 2591m - 2734m
- Run 7 : 2734m - 3563m
- Run 8 : 3563m - 4634m

ResFlag	: Reservoir Flag
PayFlag	: Pay Flag
BS	: Bit Size
DCAV	: Average Density Caliper
SIFA	: Average Sigma Formation
GRMA	: Gamma Ray
WCLA_ECO	: Dry Weight Fraction Clay (Ecoview Model)
WQFM_ECO	: Dry Weight Fraction Quartz+Feldspar+Mica (QFM) (Ecoview Model)
WCAR_ECO	: Dry Weight Fraction Carbonate (Ecoview Model)
WPYR_ECO	: Dry Weight Fraction Pyrite (Ecoview Model)
WSID_ECO	: Dry Weight Fraction Siderite (Ecoview Model)
RHGE	: Matrix Density (Ecoview Model)
VCL	: Clay Volume
DPHI_MATR	: Matrix Adjusted Density Porosity
BPHI_MATR	: Matrix Adjusted Neutron Porosity
PHIT	: Total Porosity
P40H	: ARC Phase-Shift Resistivity 40-in. at 2 MHz
R0	: Water Filled Water Resistivity
KINT	: Intrinsic Permeability
TVD	: True vertical depth index
TVH	: True vertical depth curve
SWB	: Bound Water Saturation
SWI	: Irreducible Water Saturation
SWT	: Total Water Saturation
T_Gas	: Mud Log Total Gas

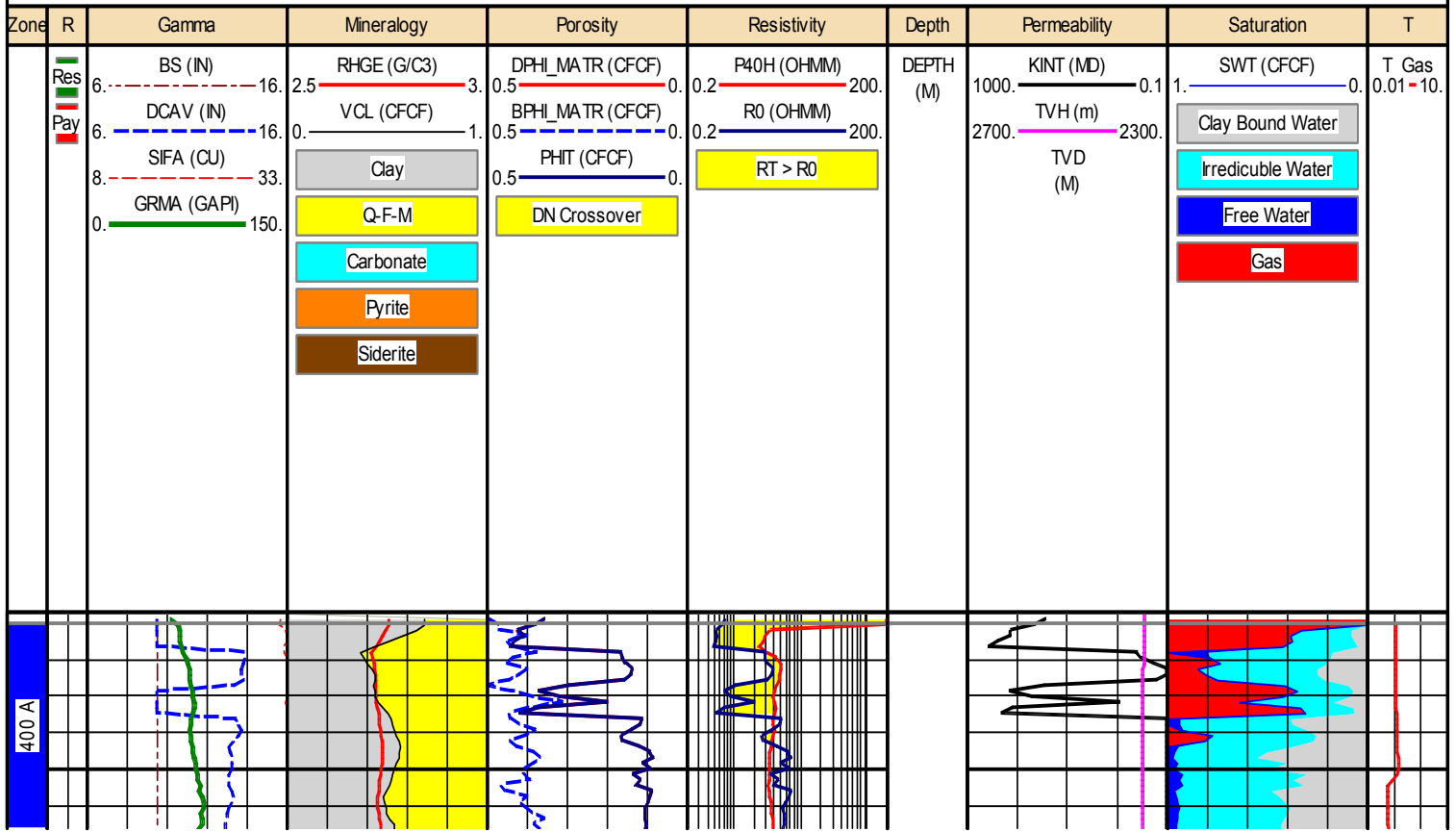
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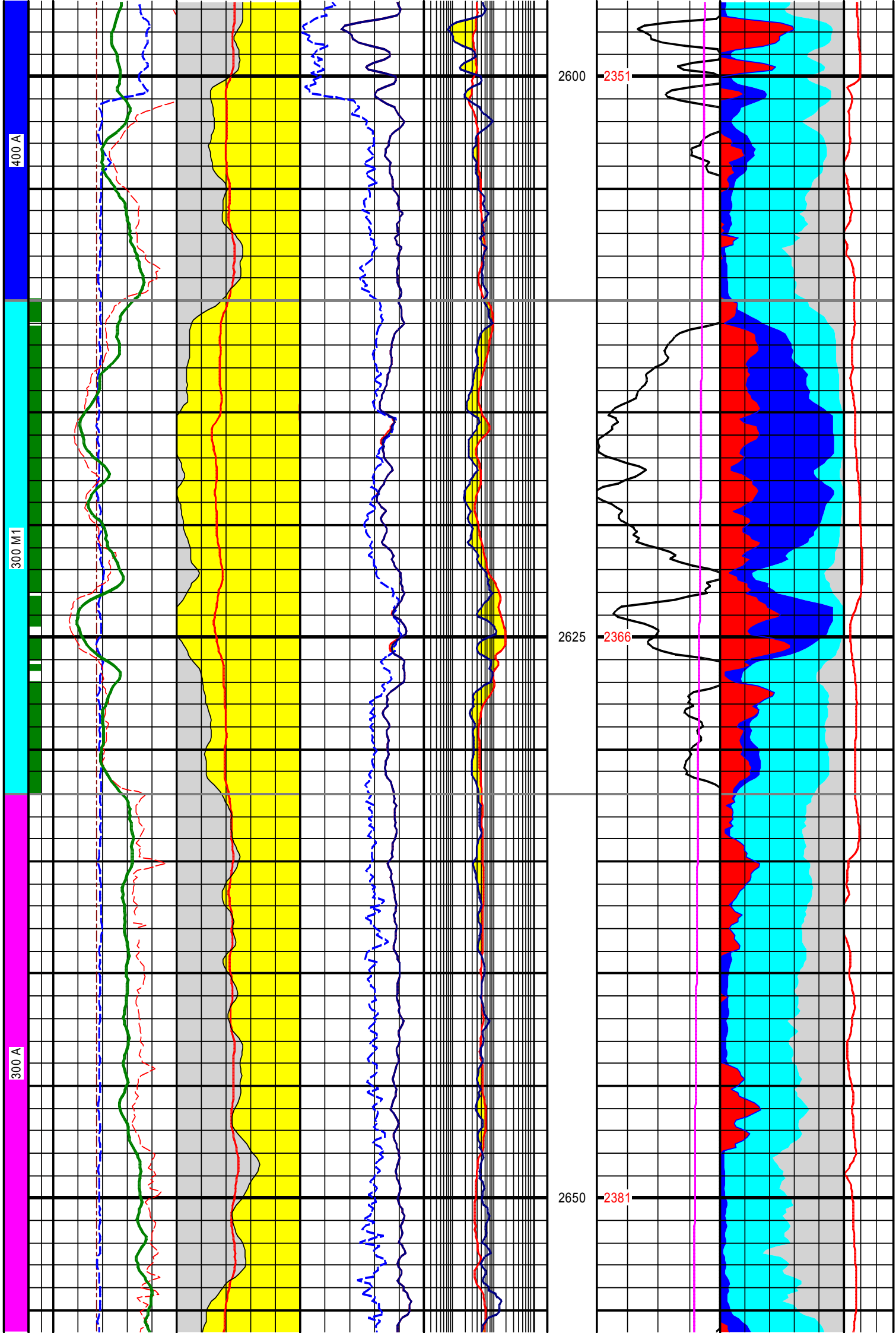
Longtom 4H

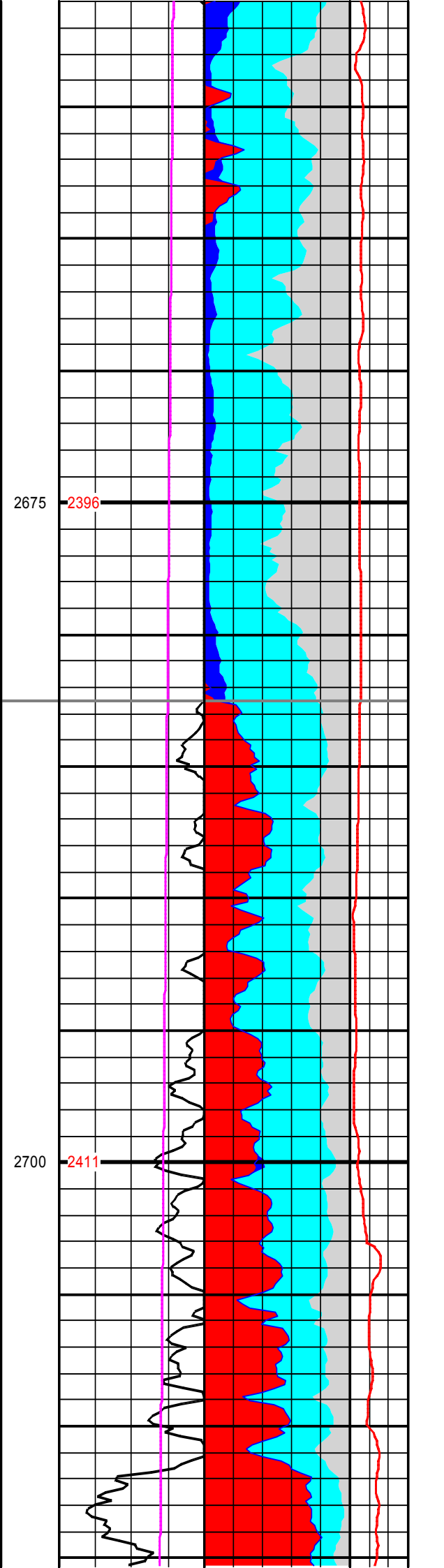
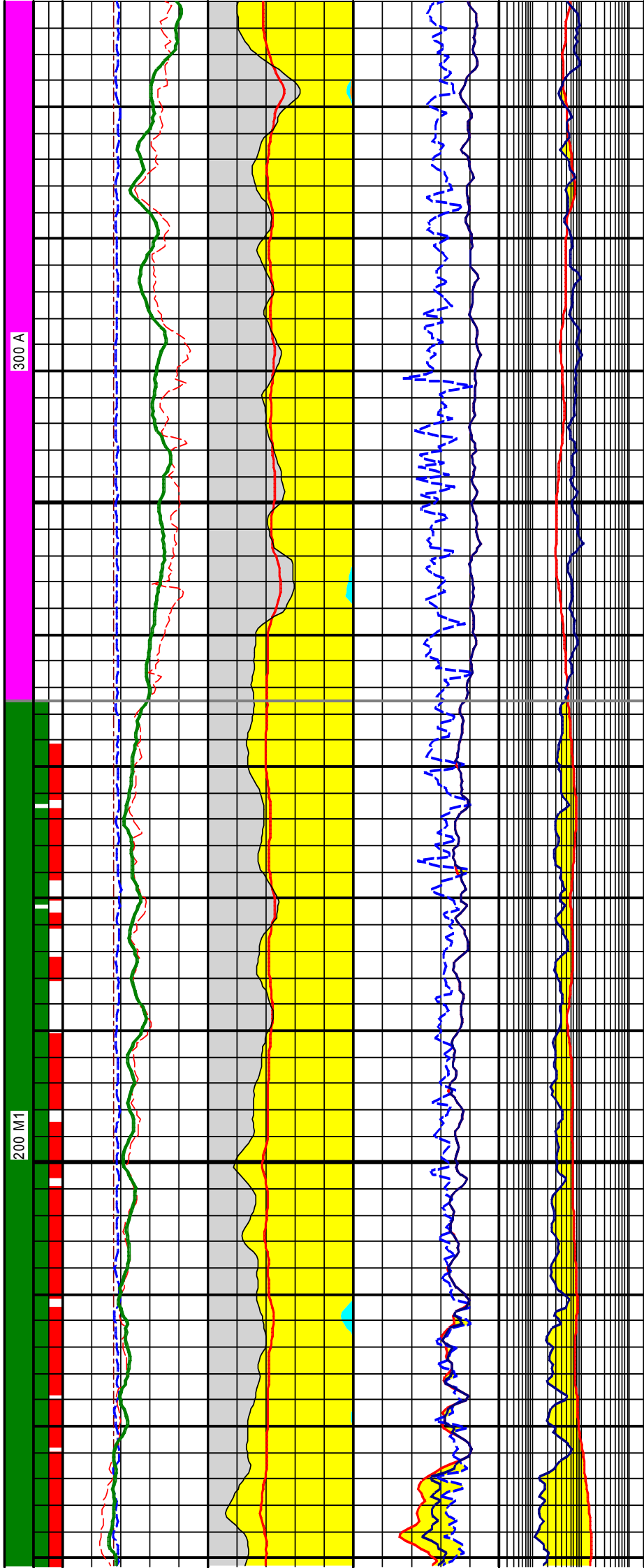
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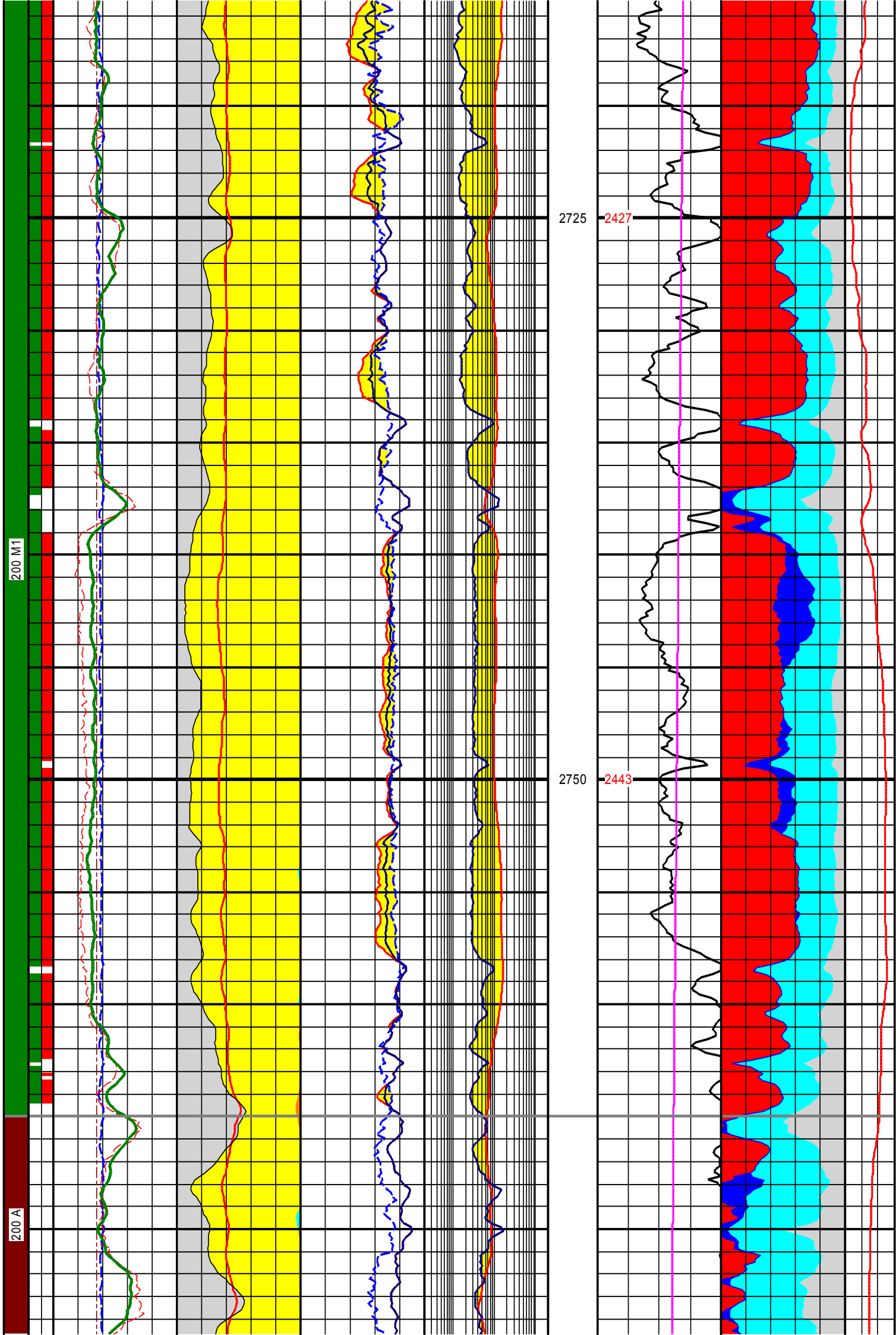
DEPTH (2590.75M - 4633.83M)

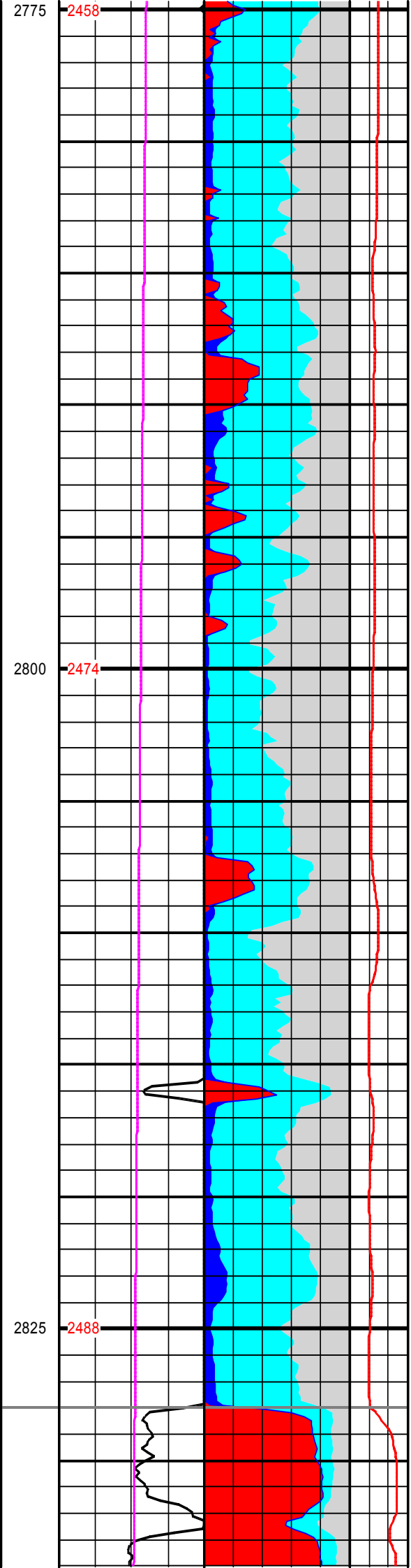
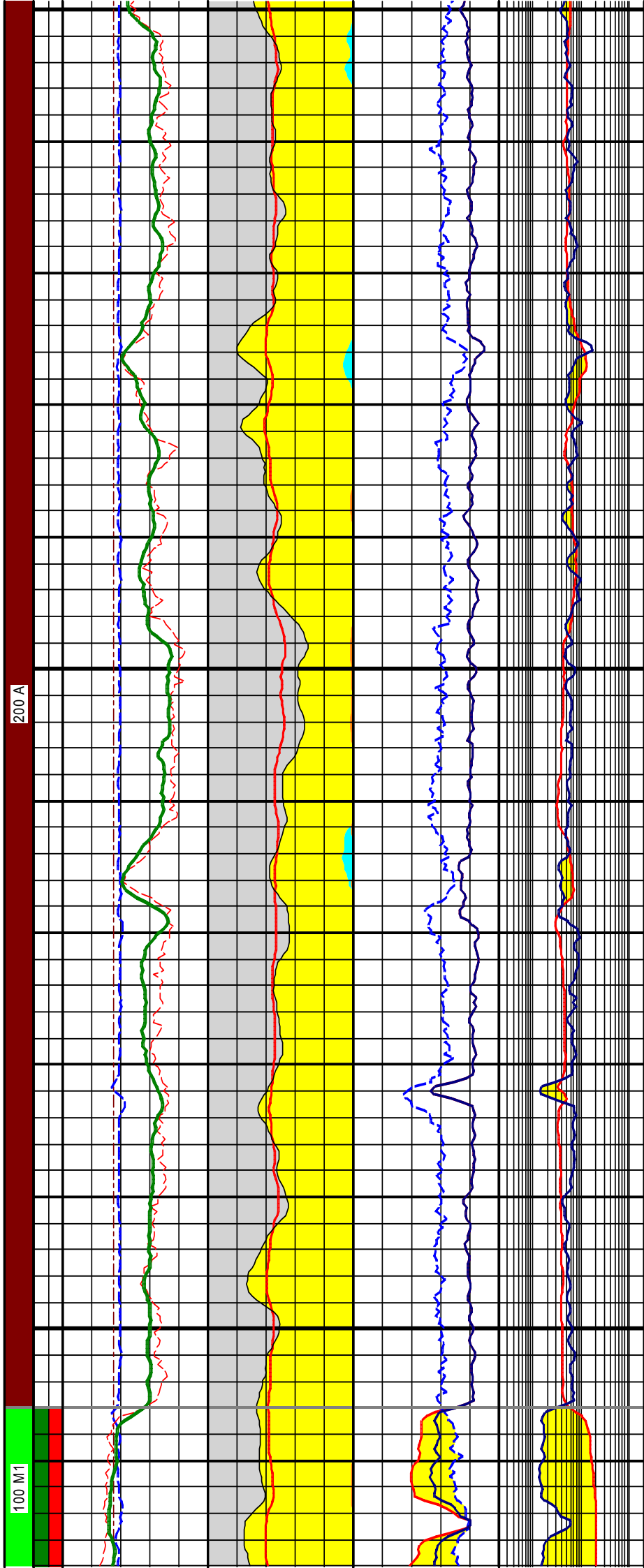
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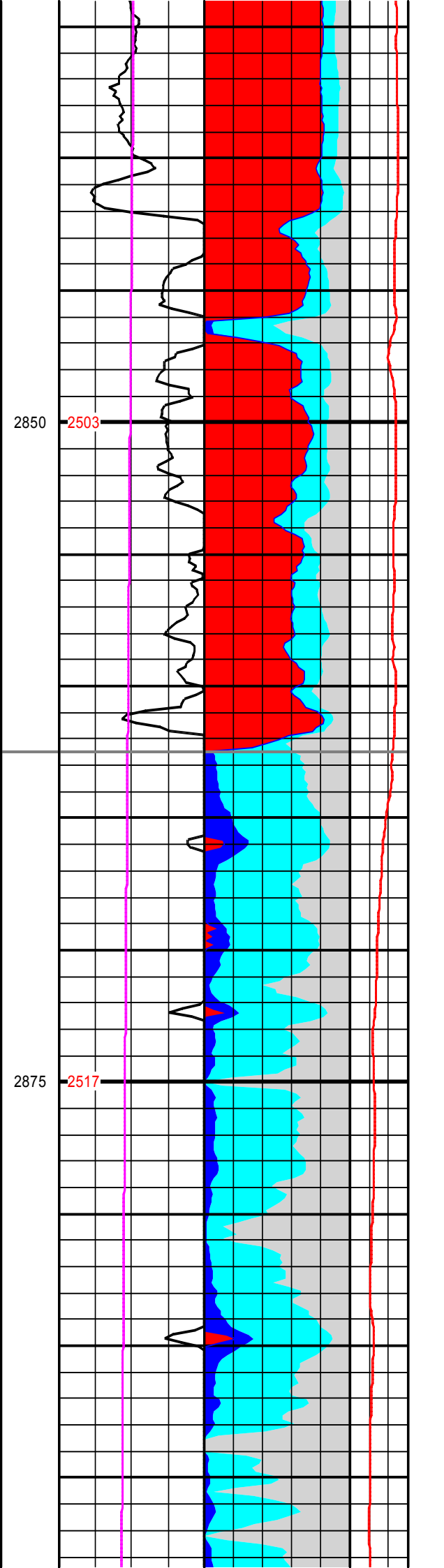
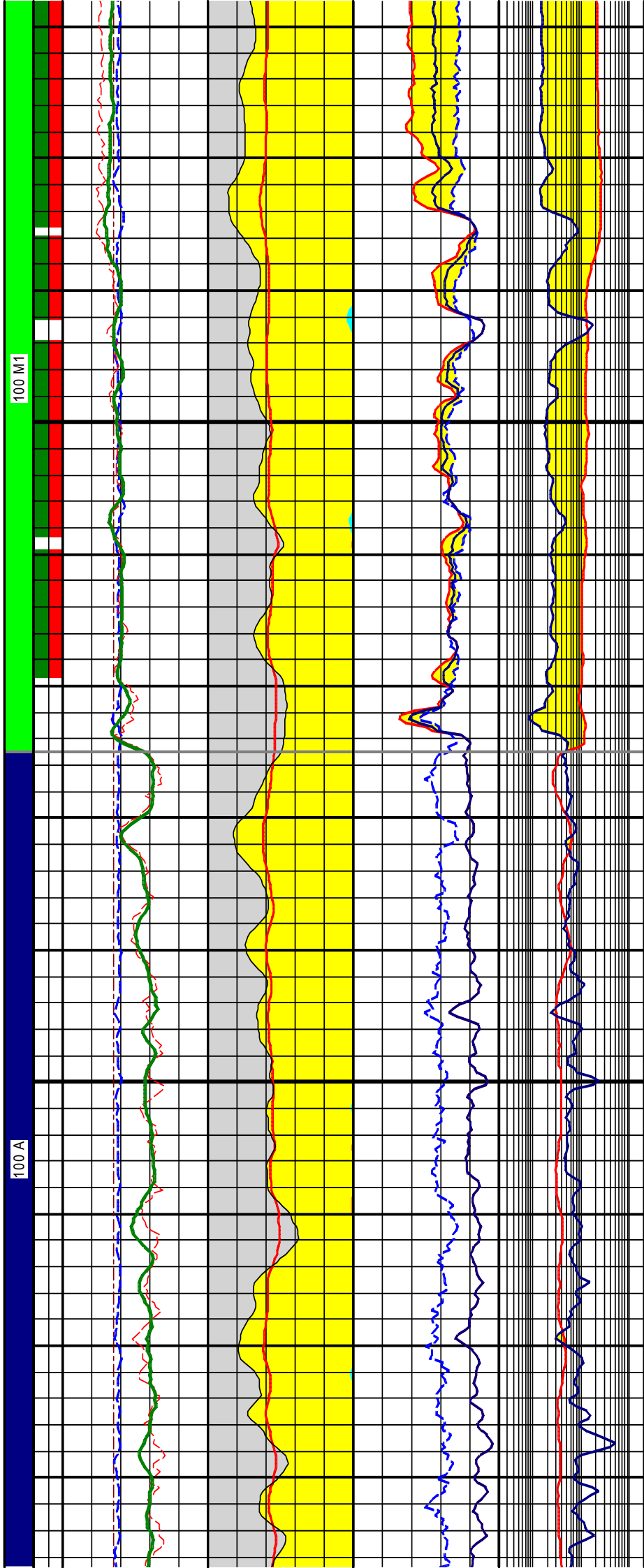


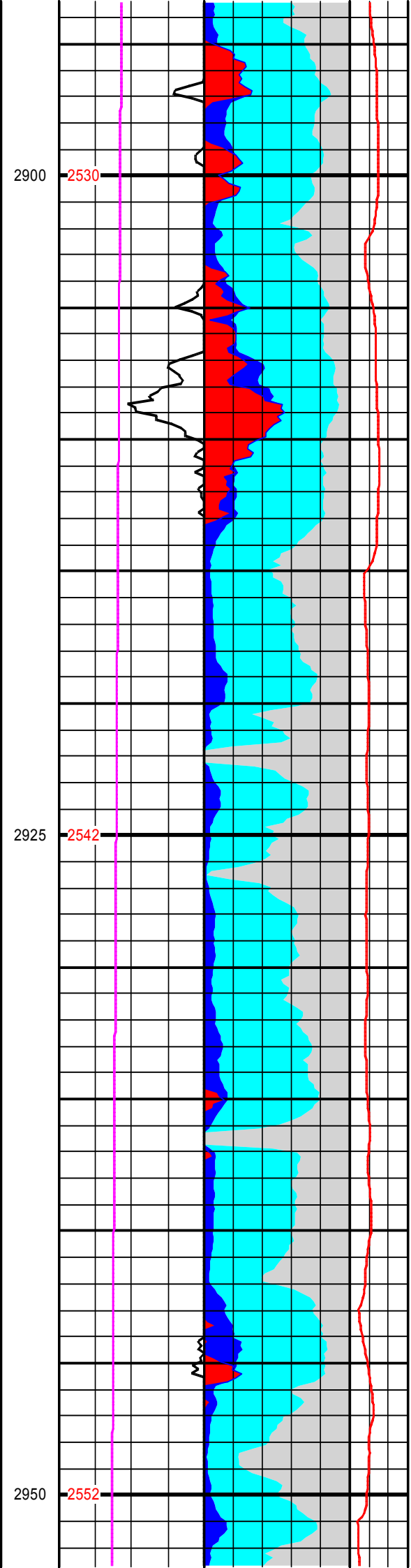
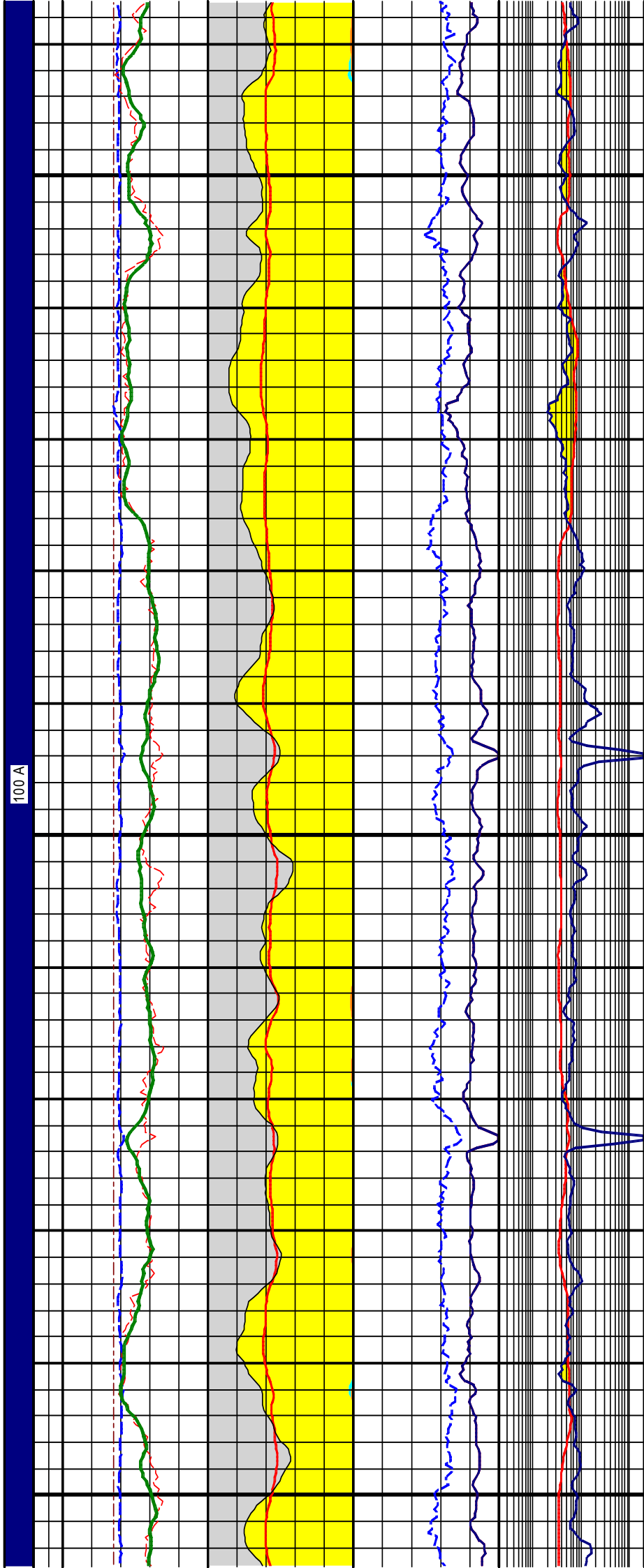


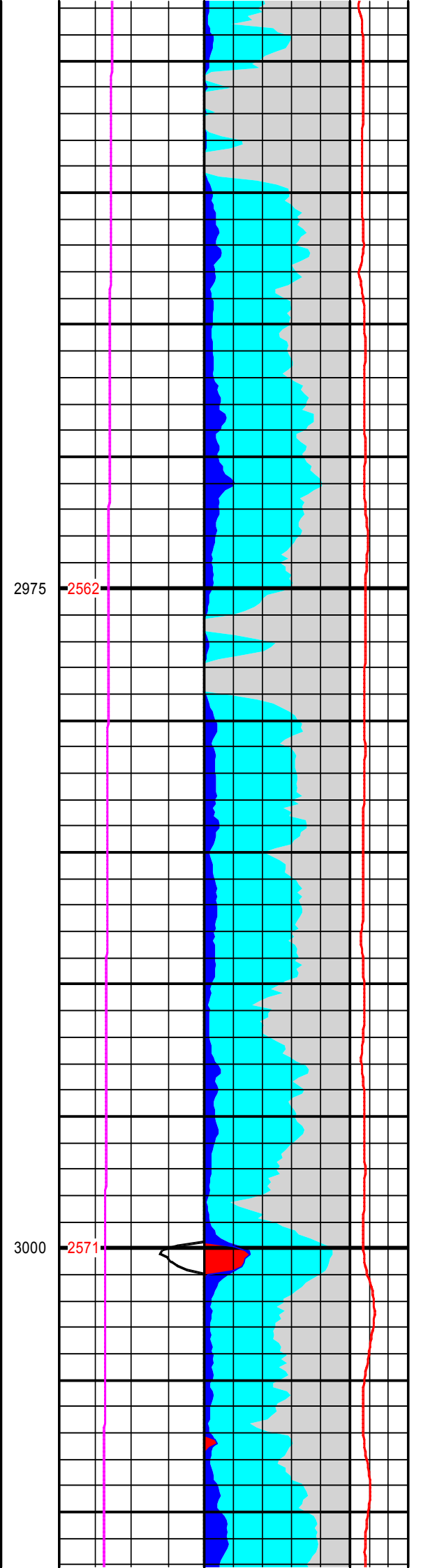
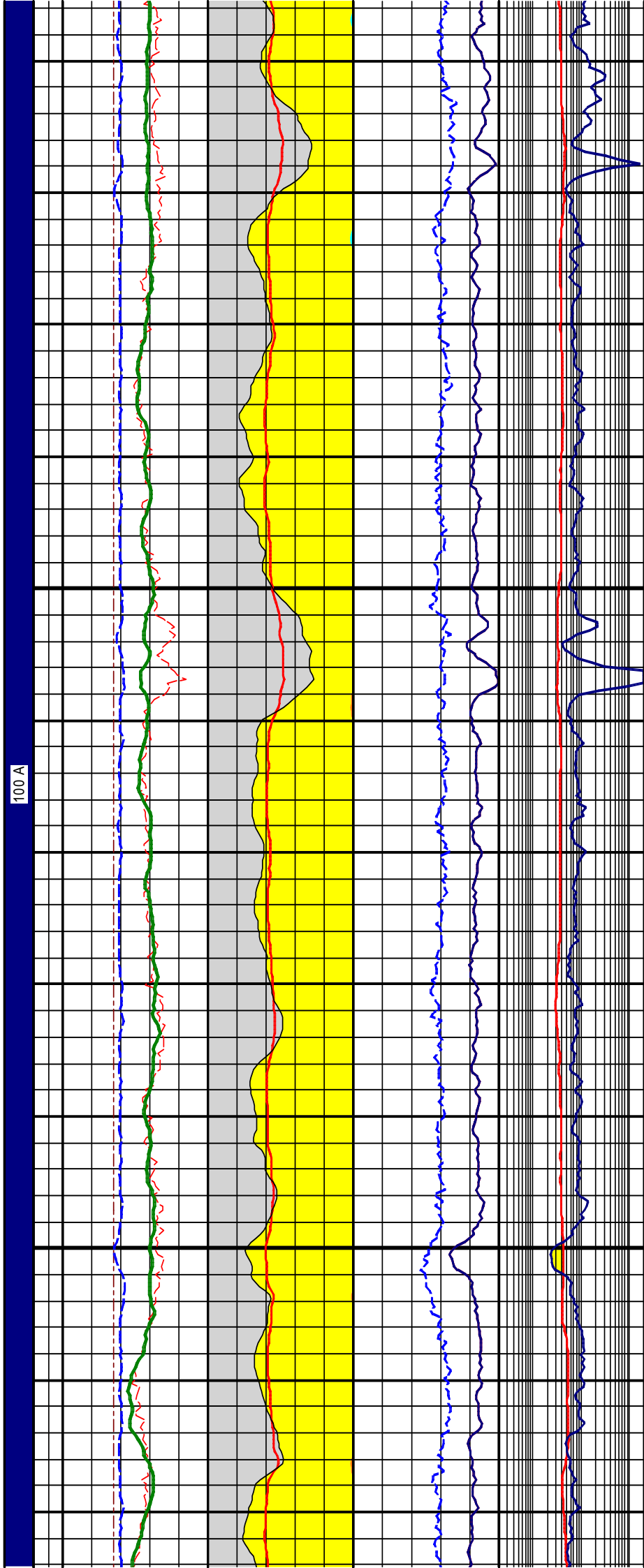


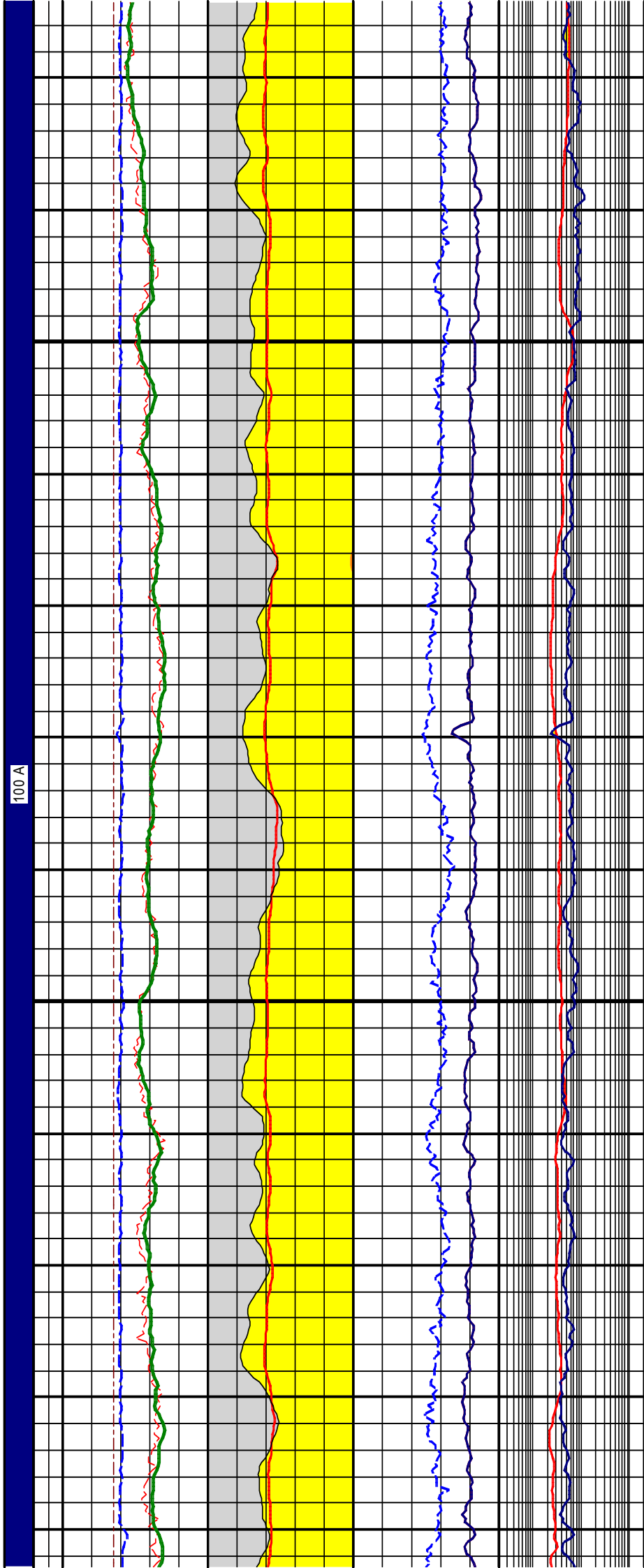










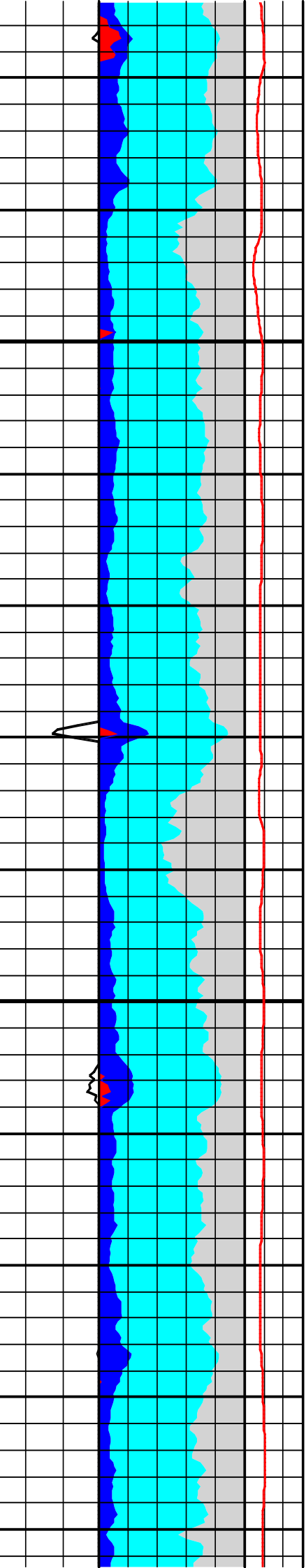


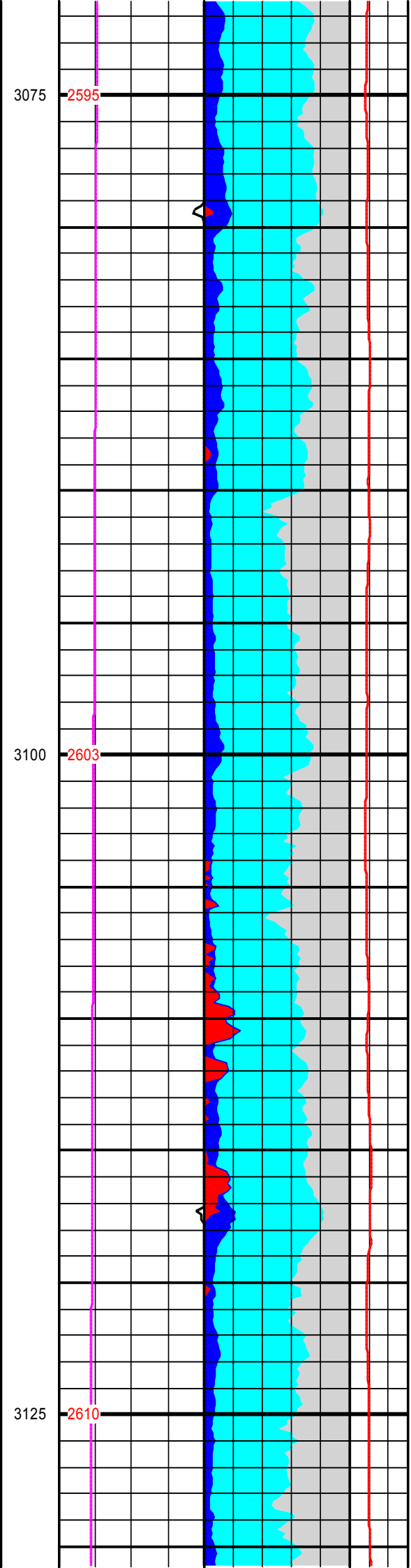
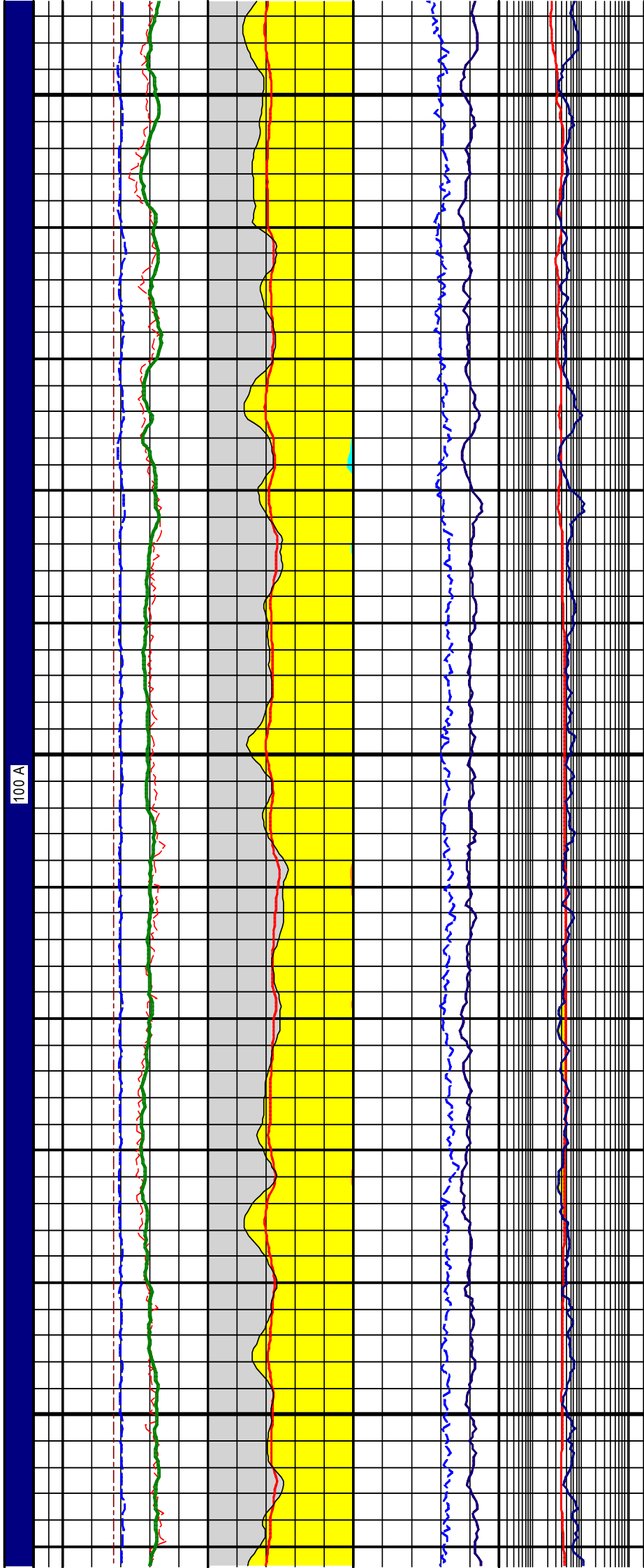
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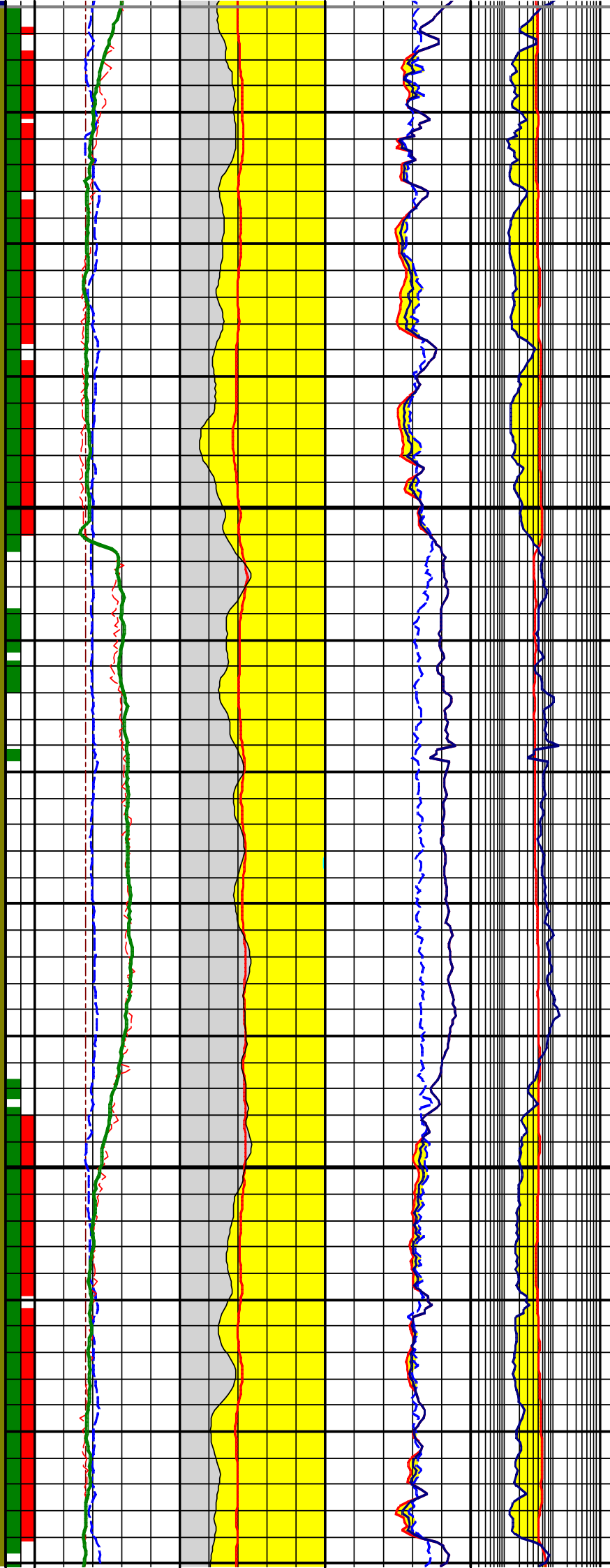
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50 M1

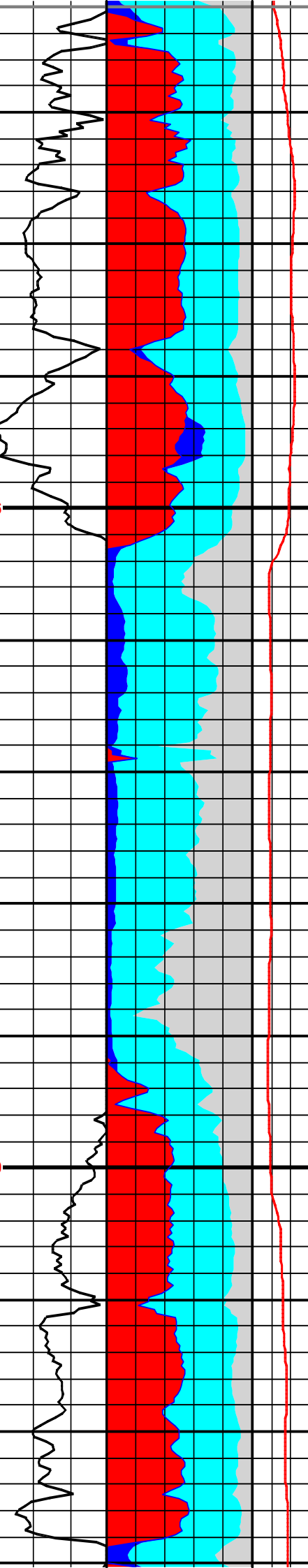


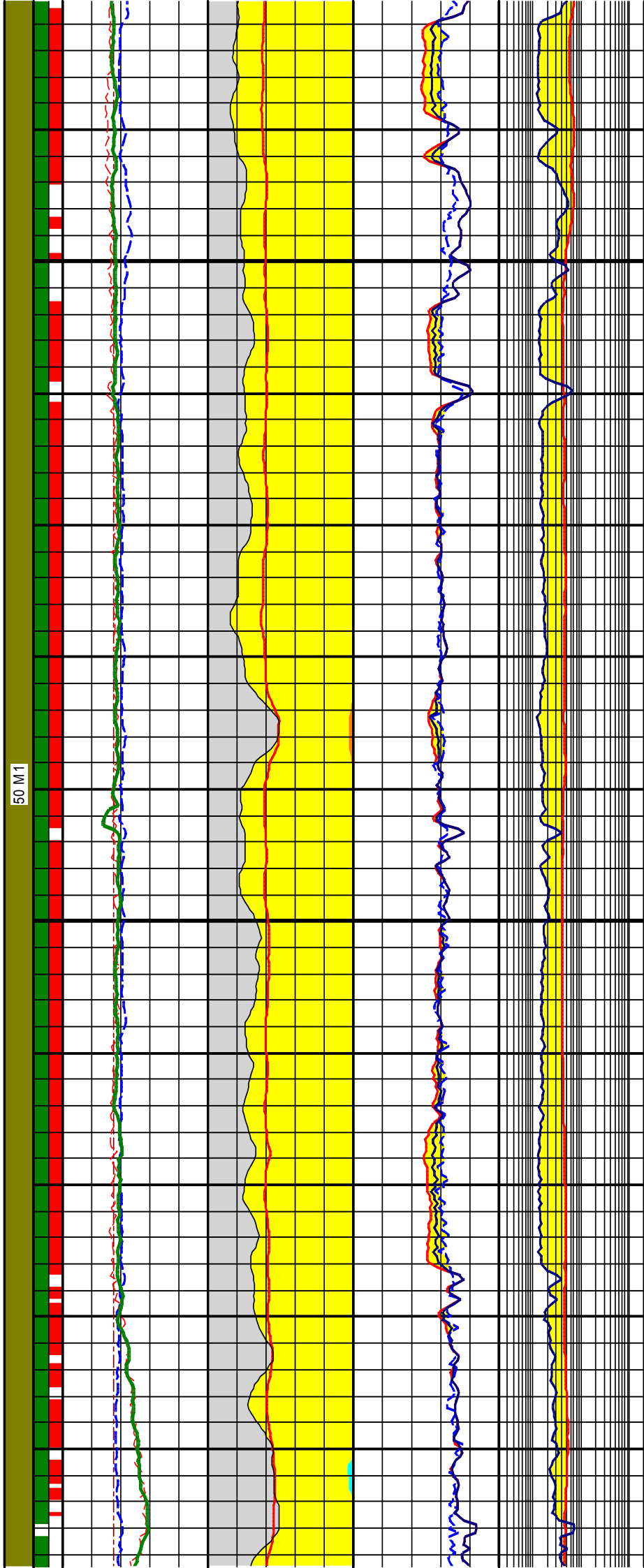
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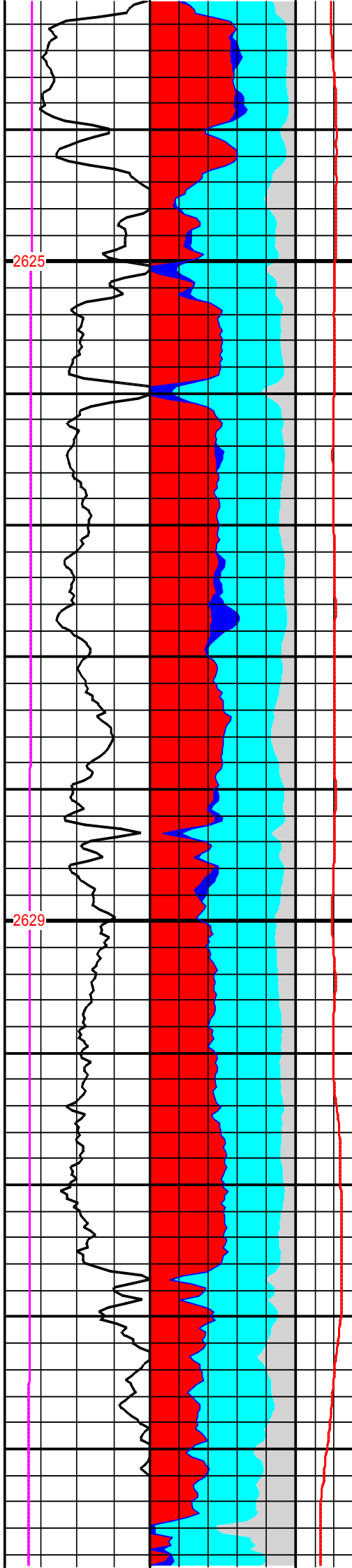


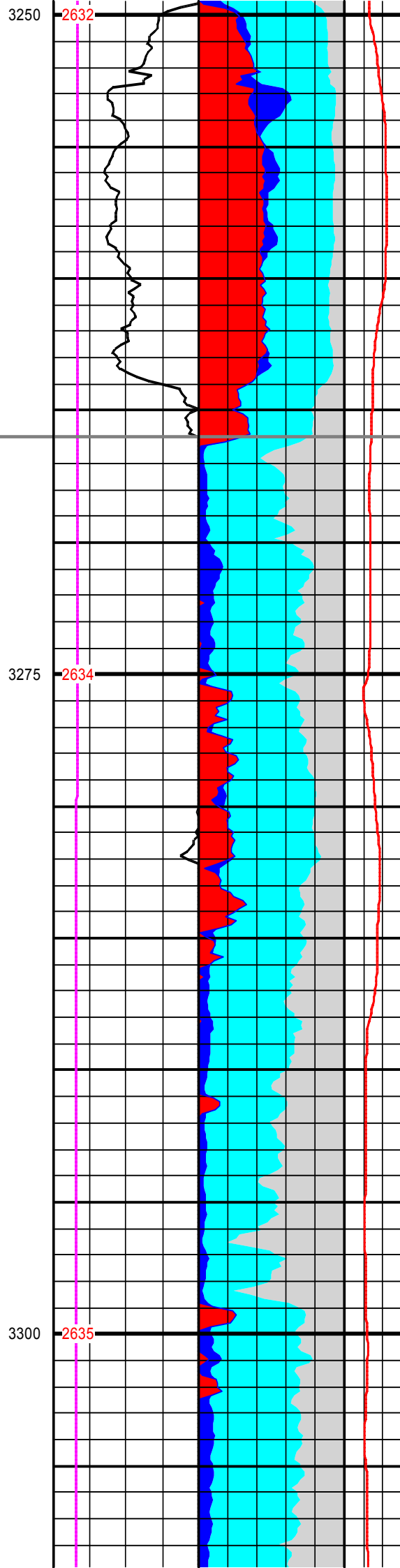
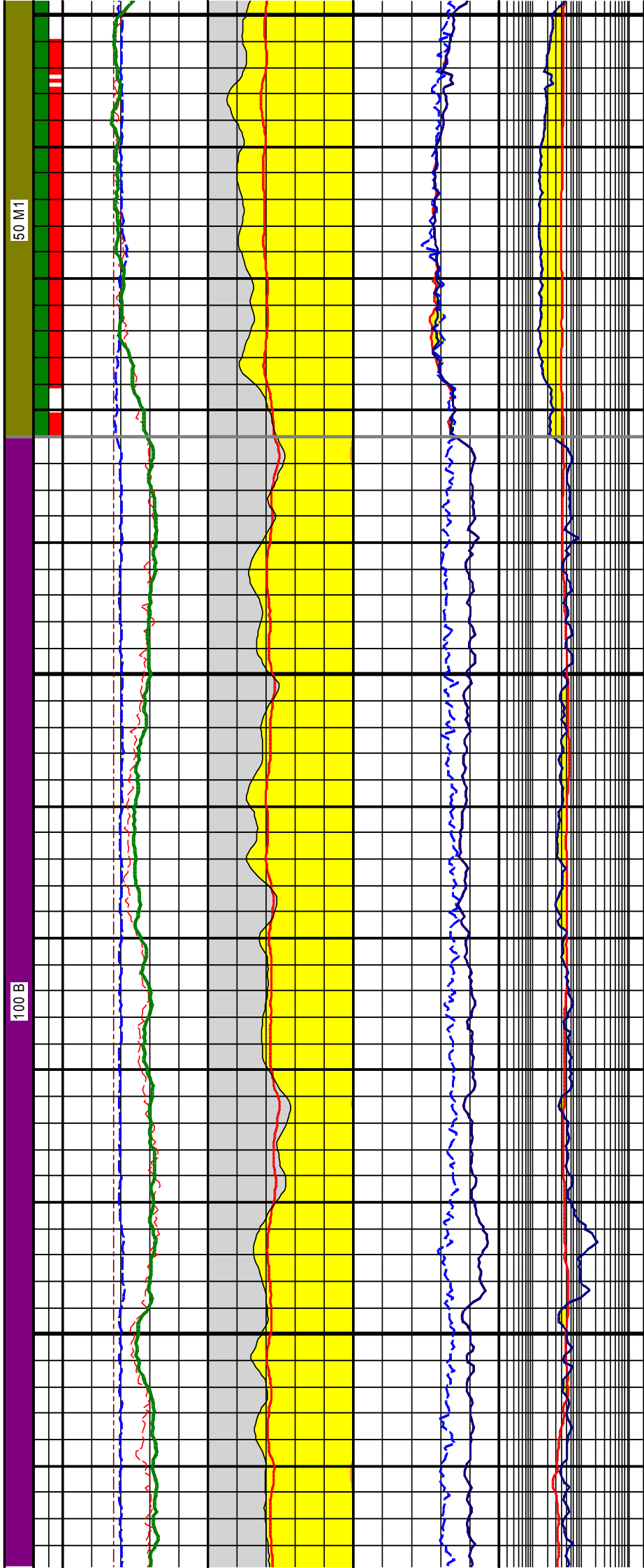
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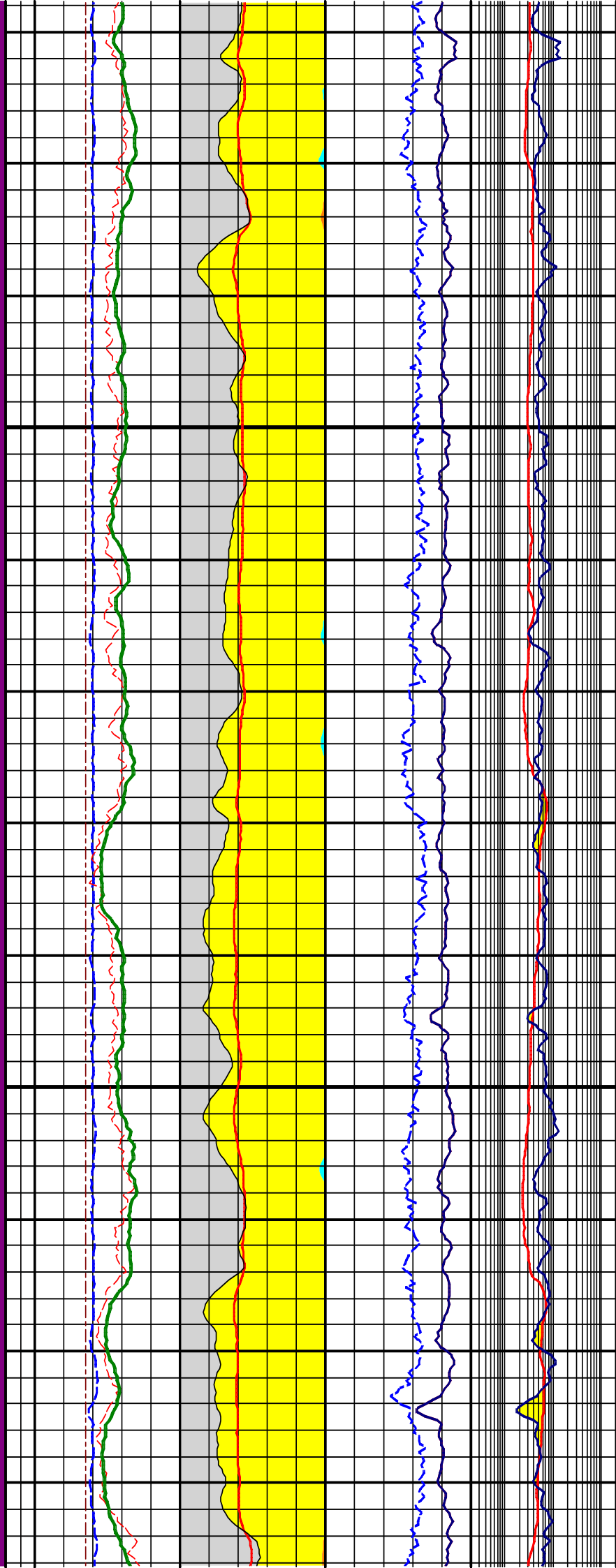
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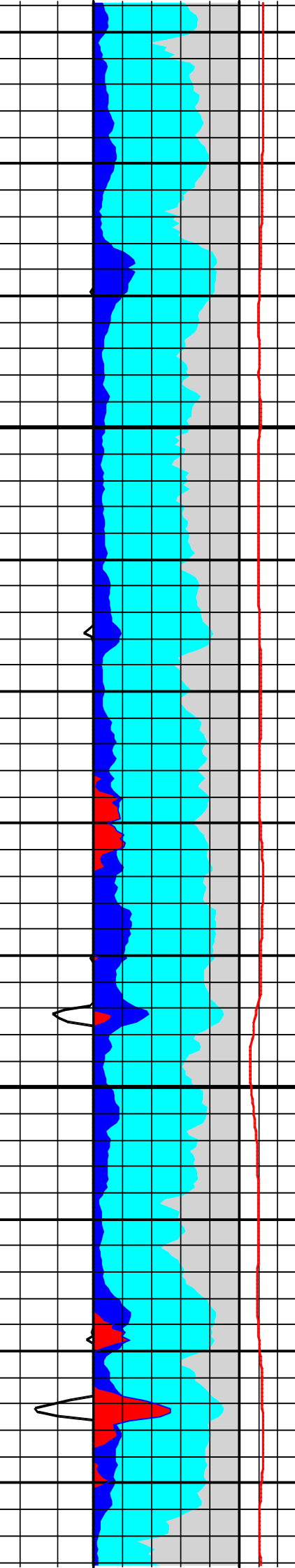


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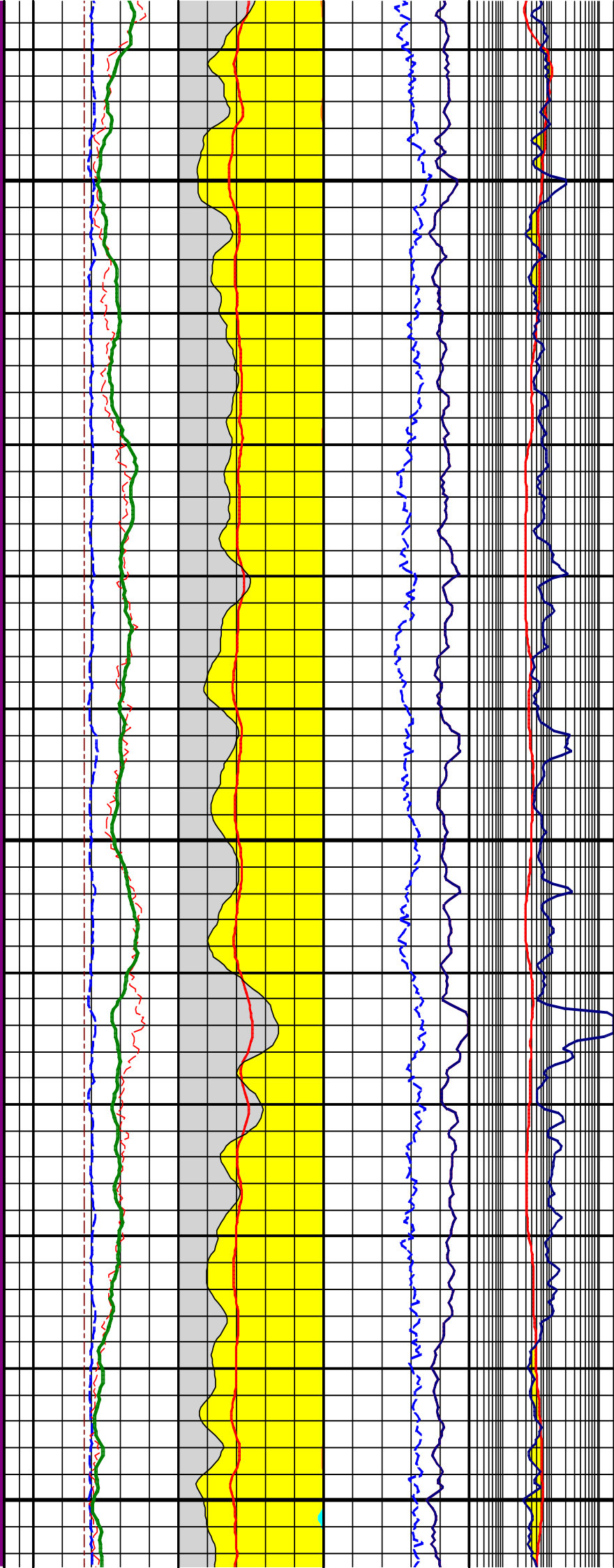
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100 B



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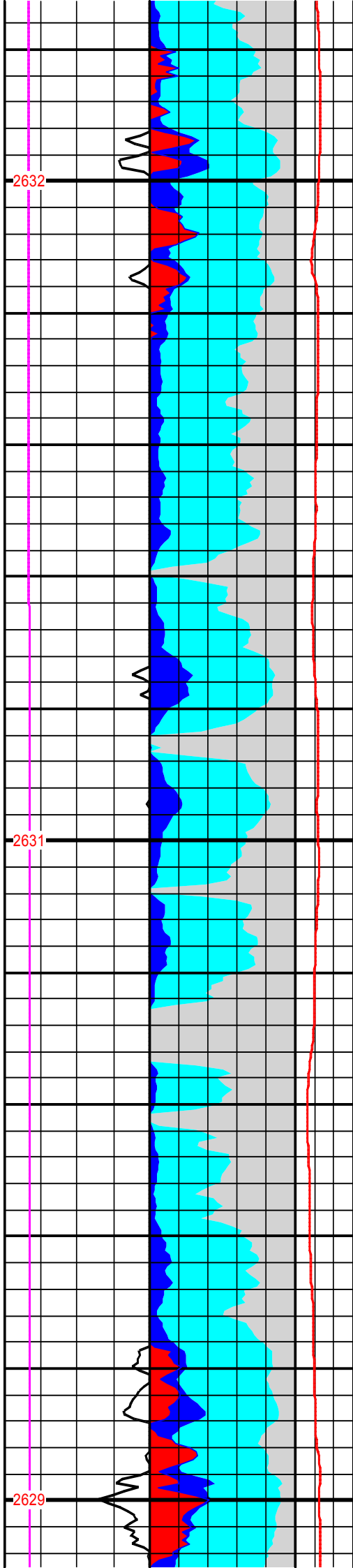
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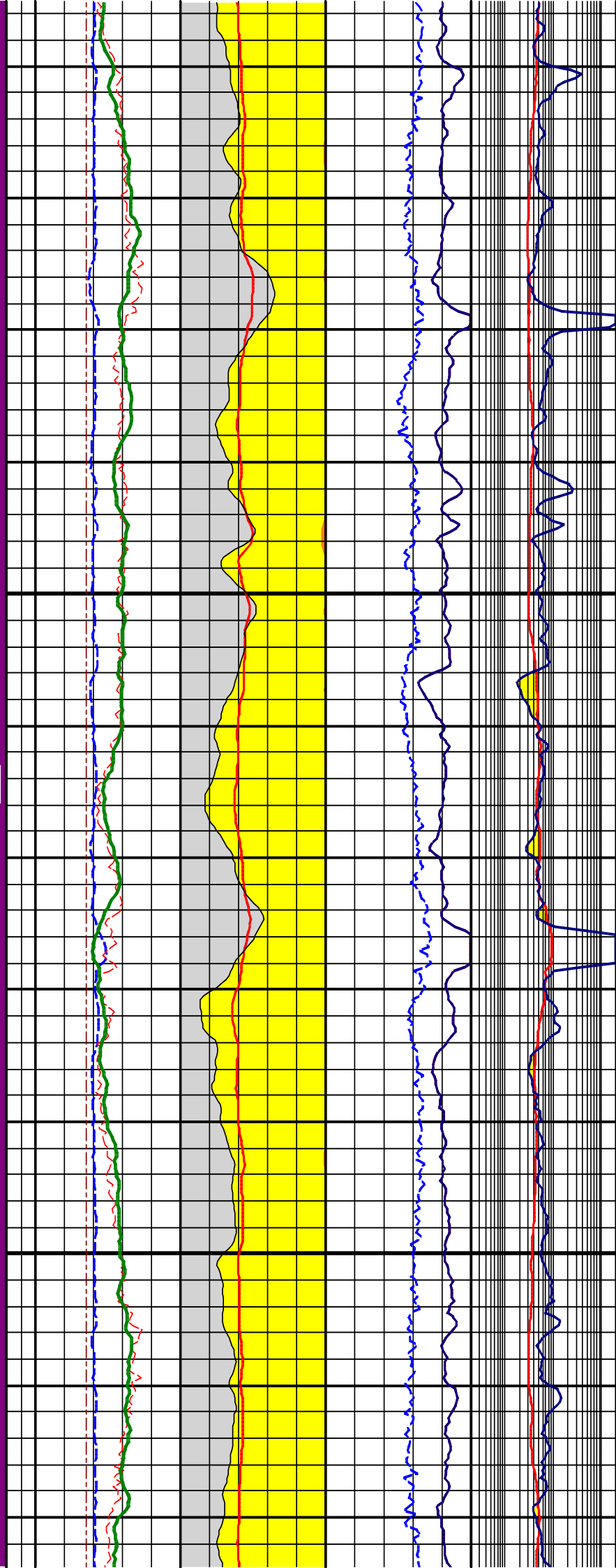
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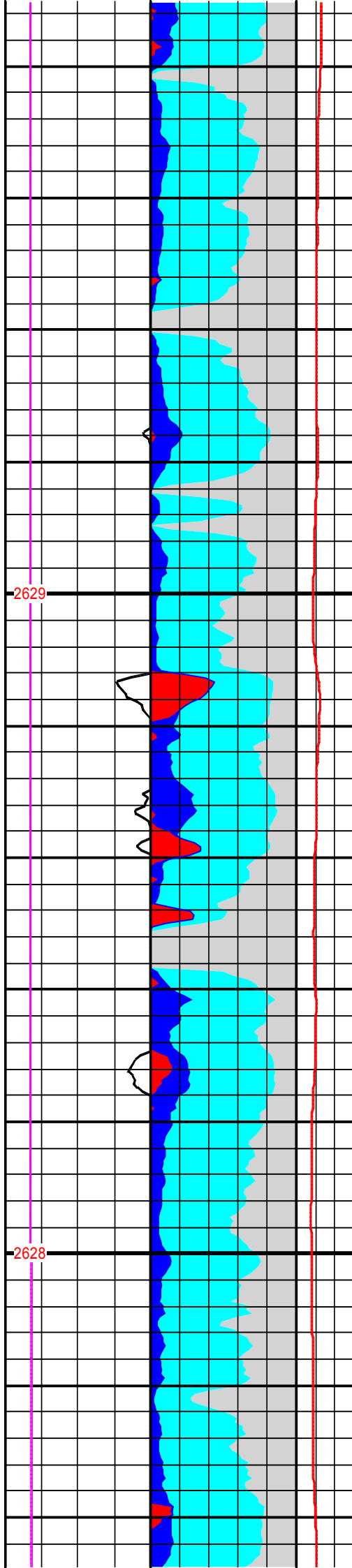


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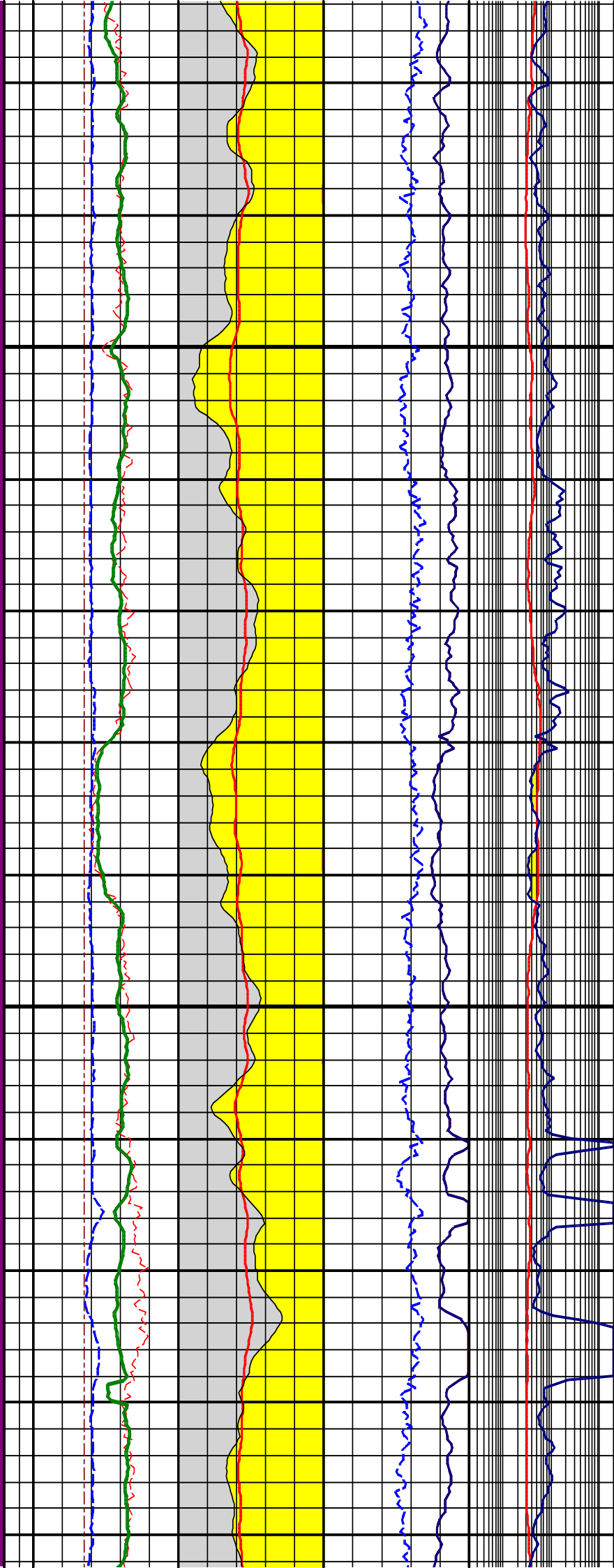
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100 B



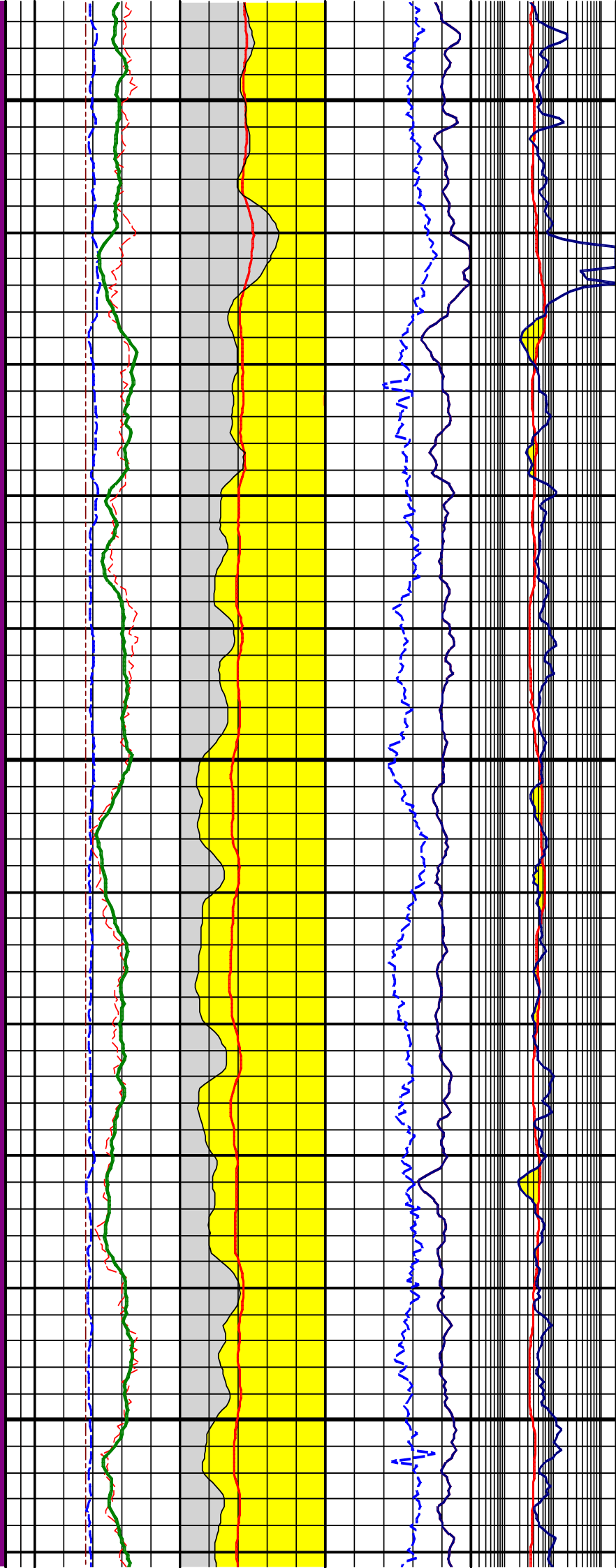
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100 B



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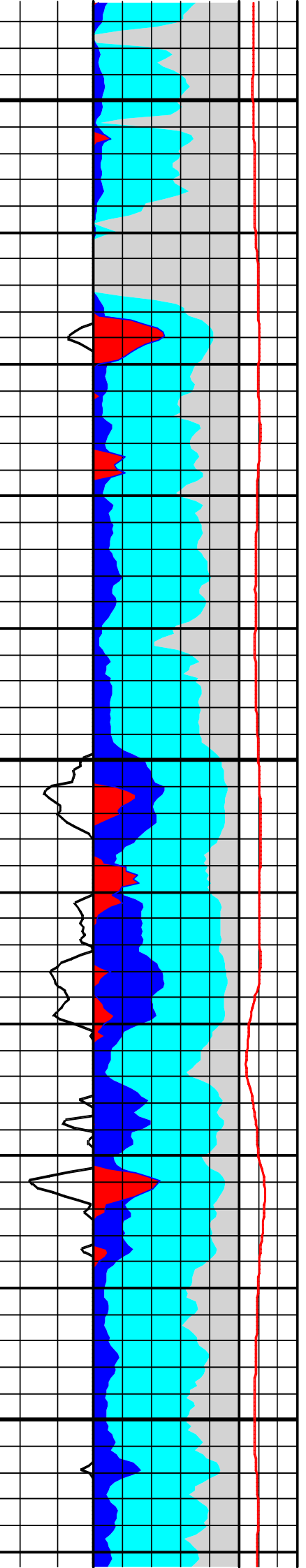
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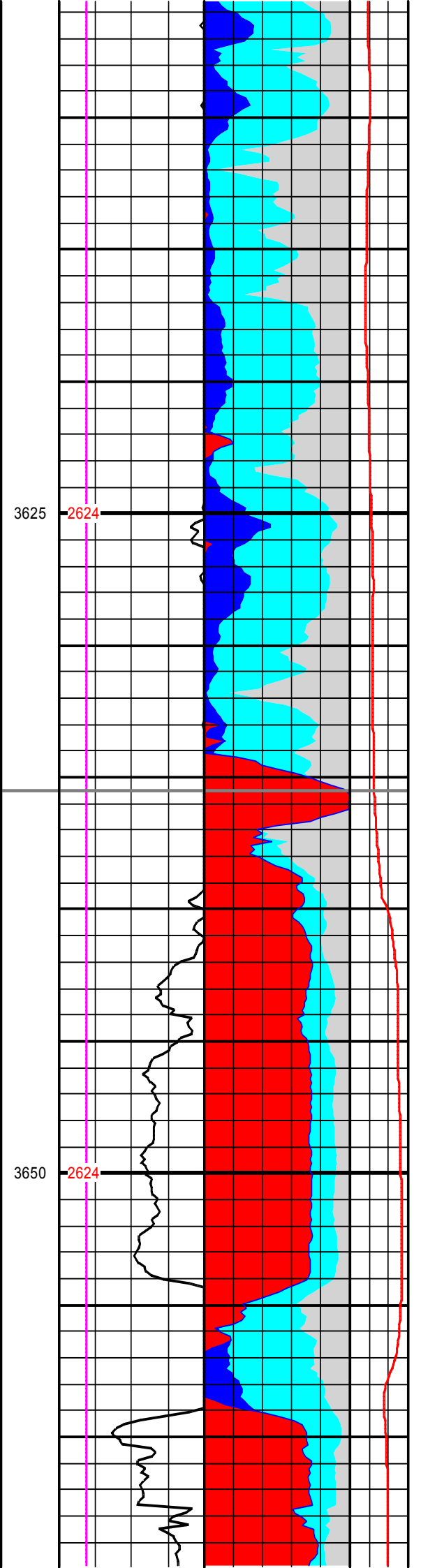
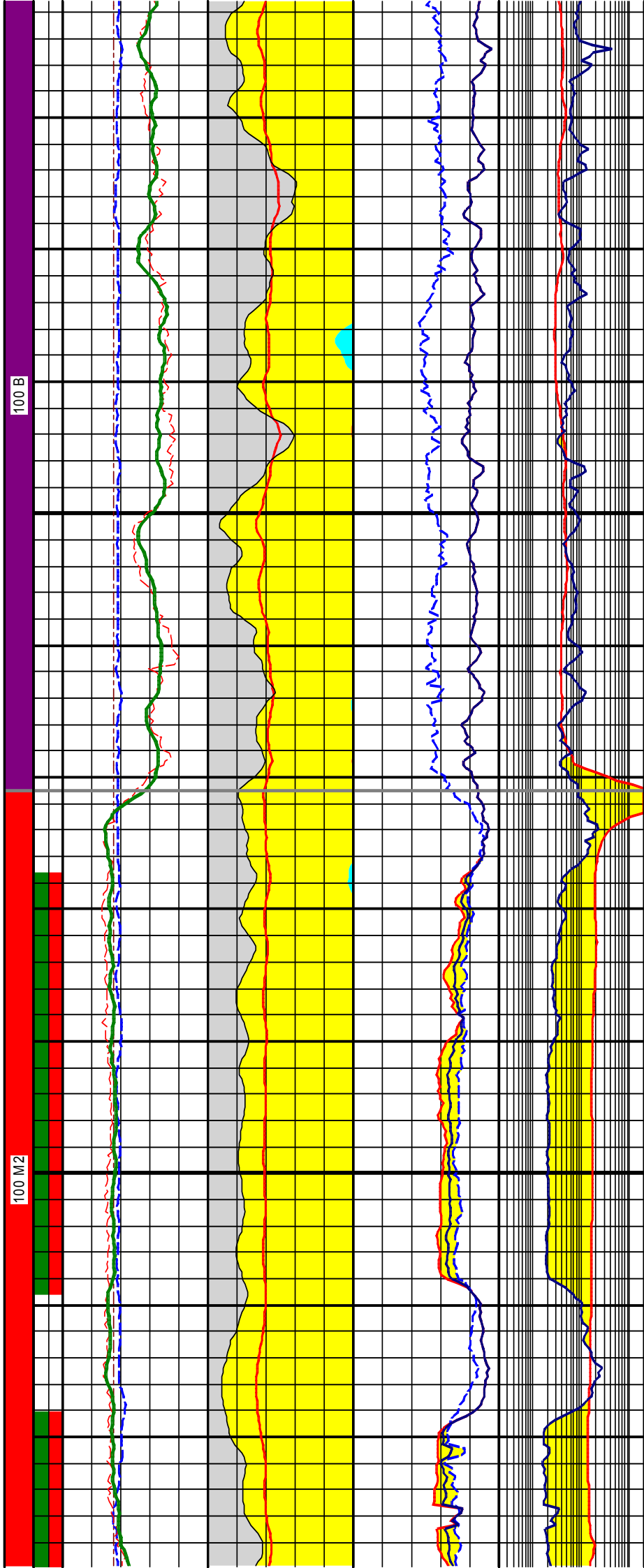
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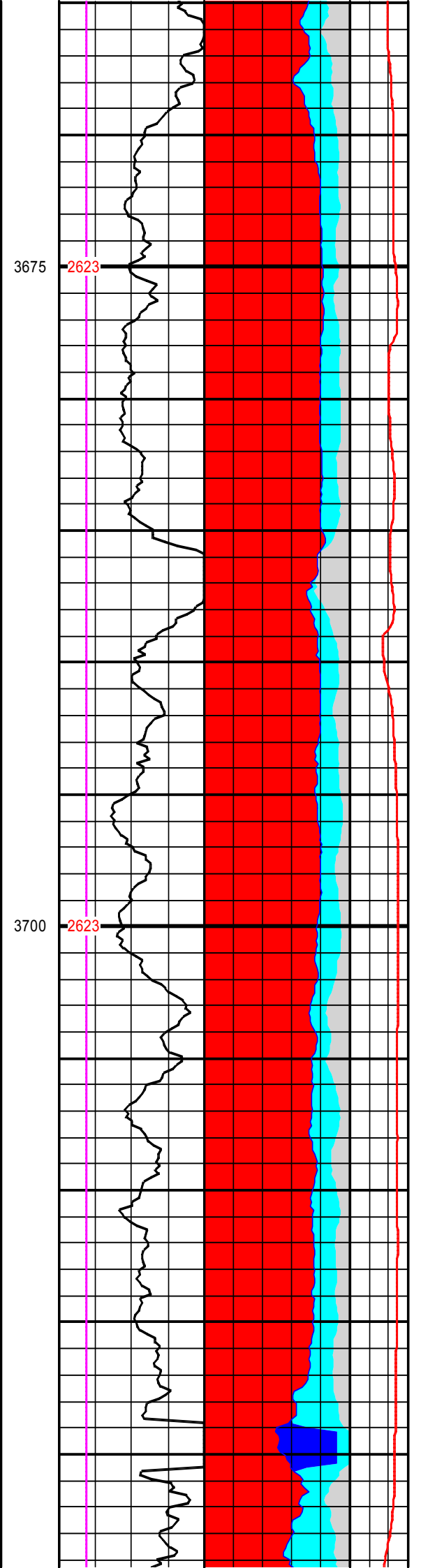
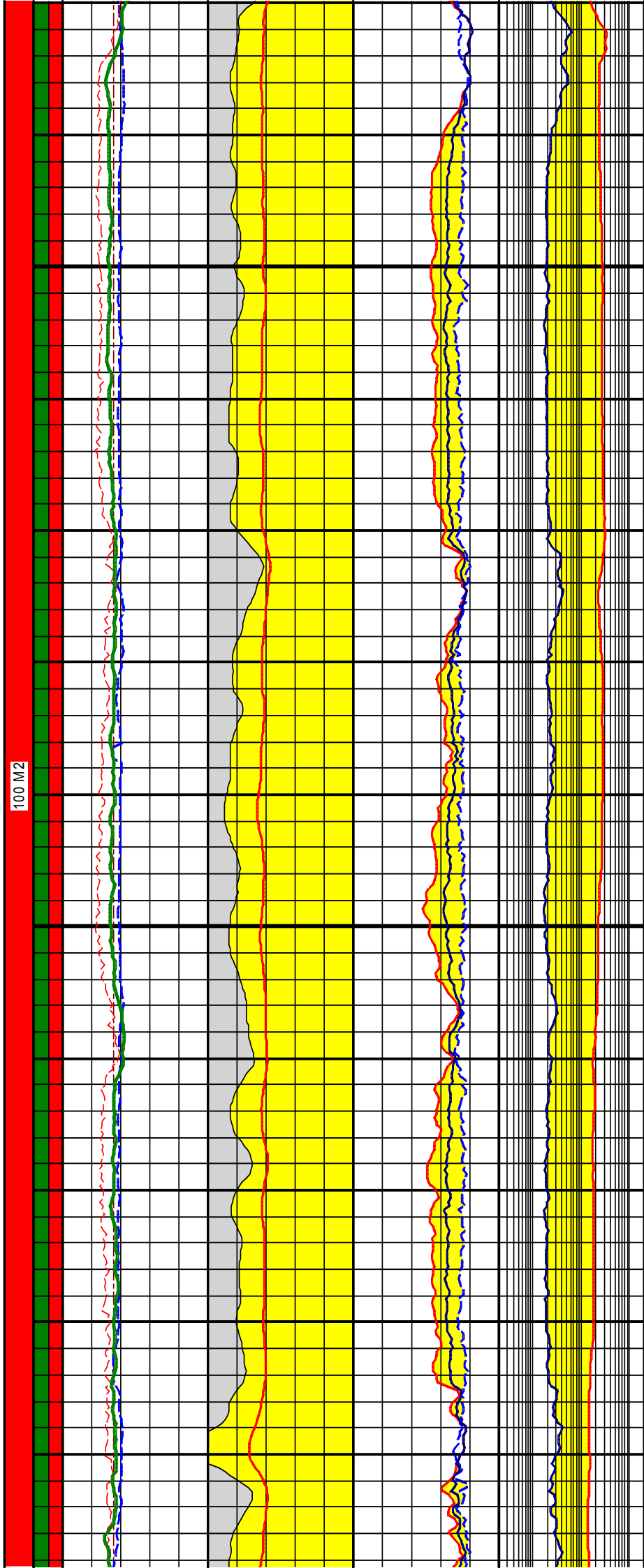
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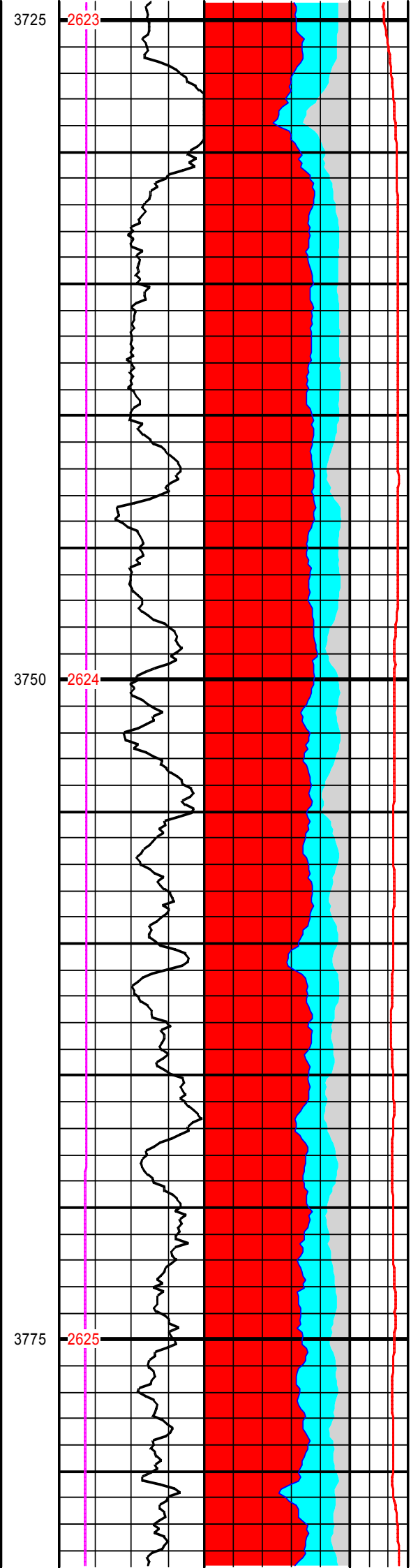
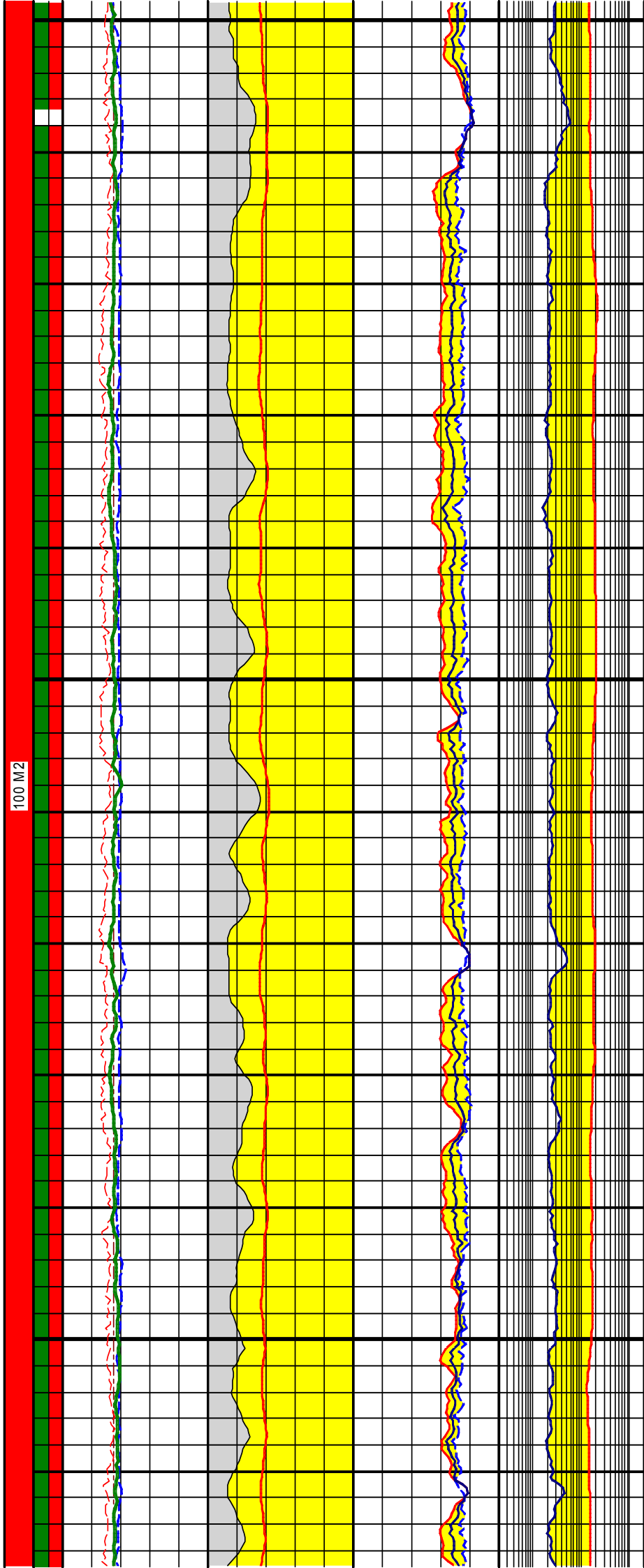
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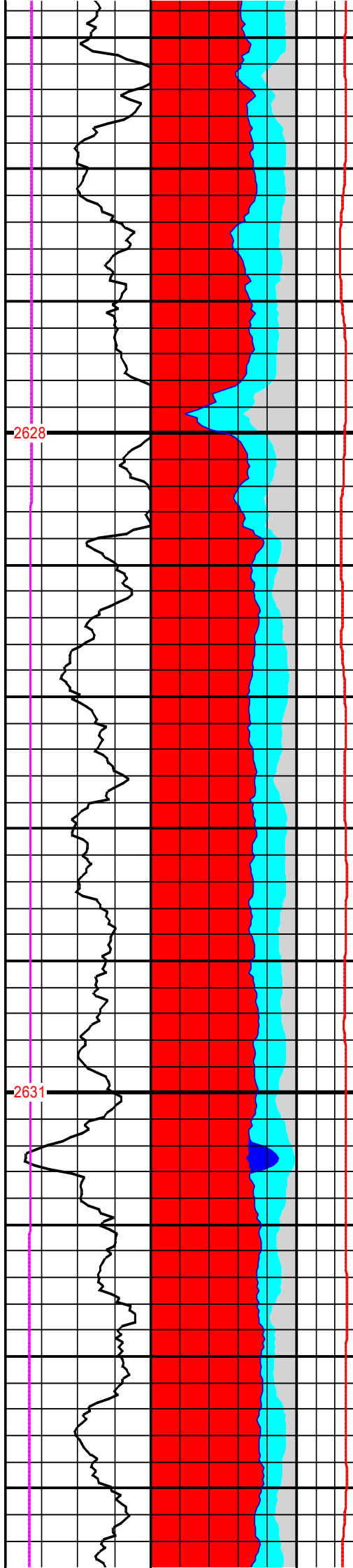


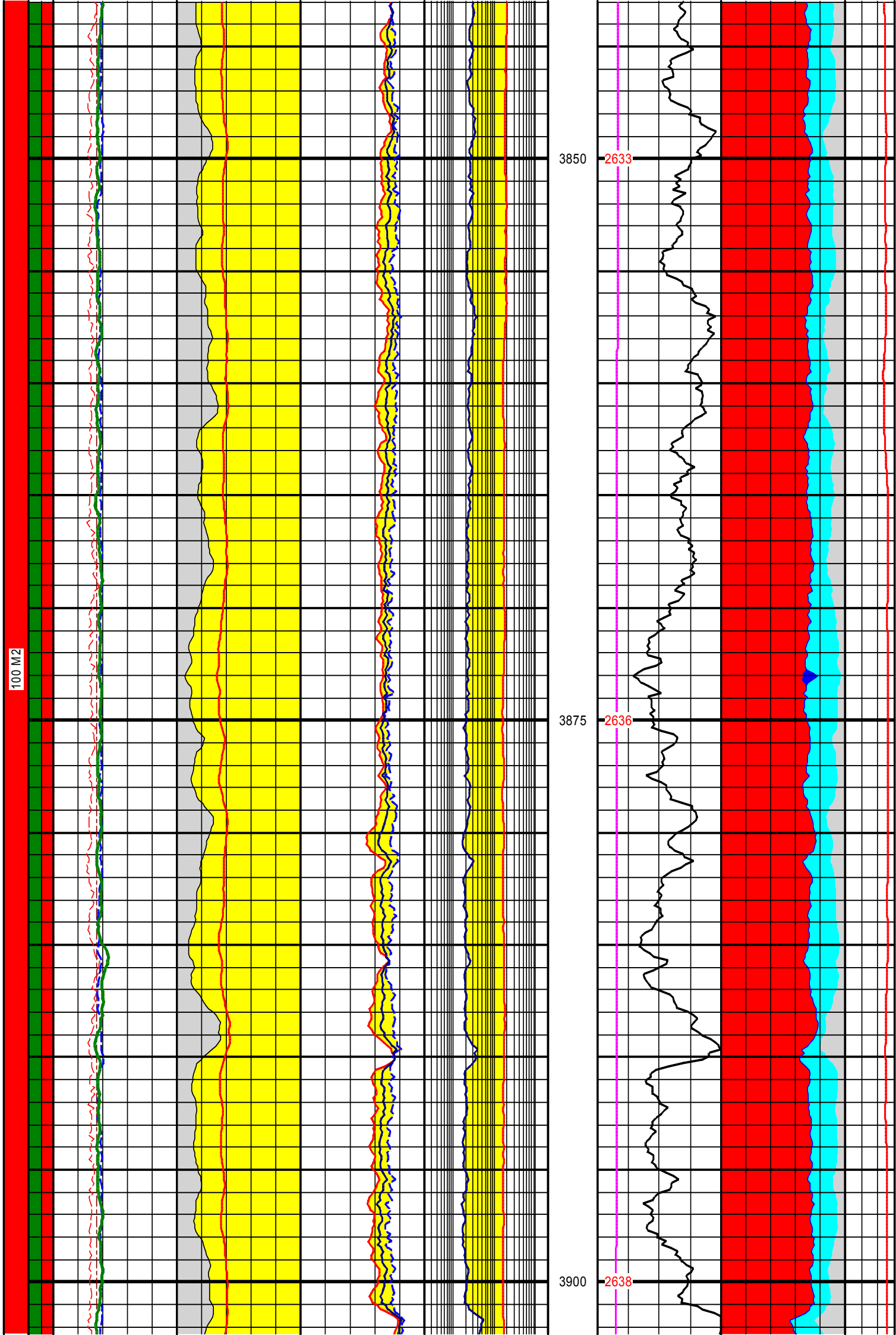


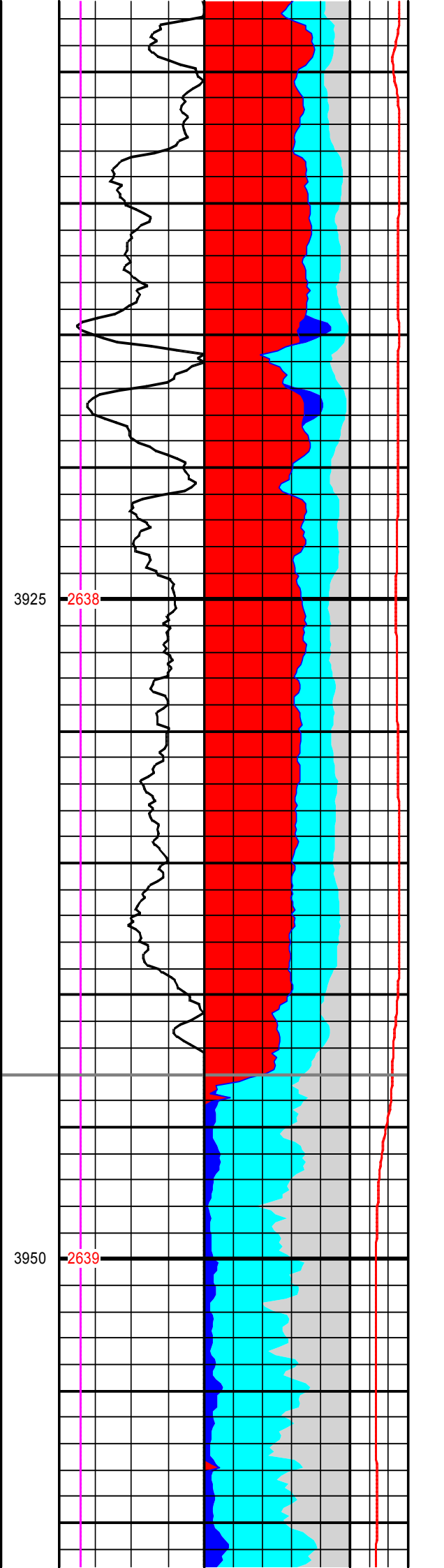
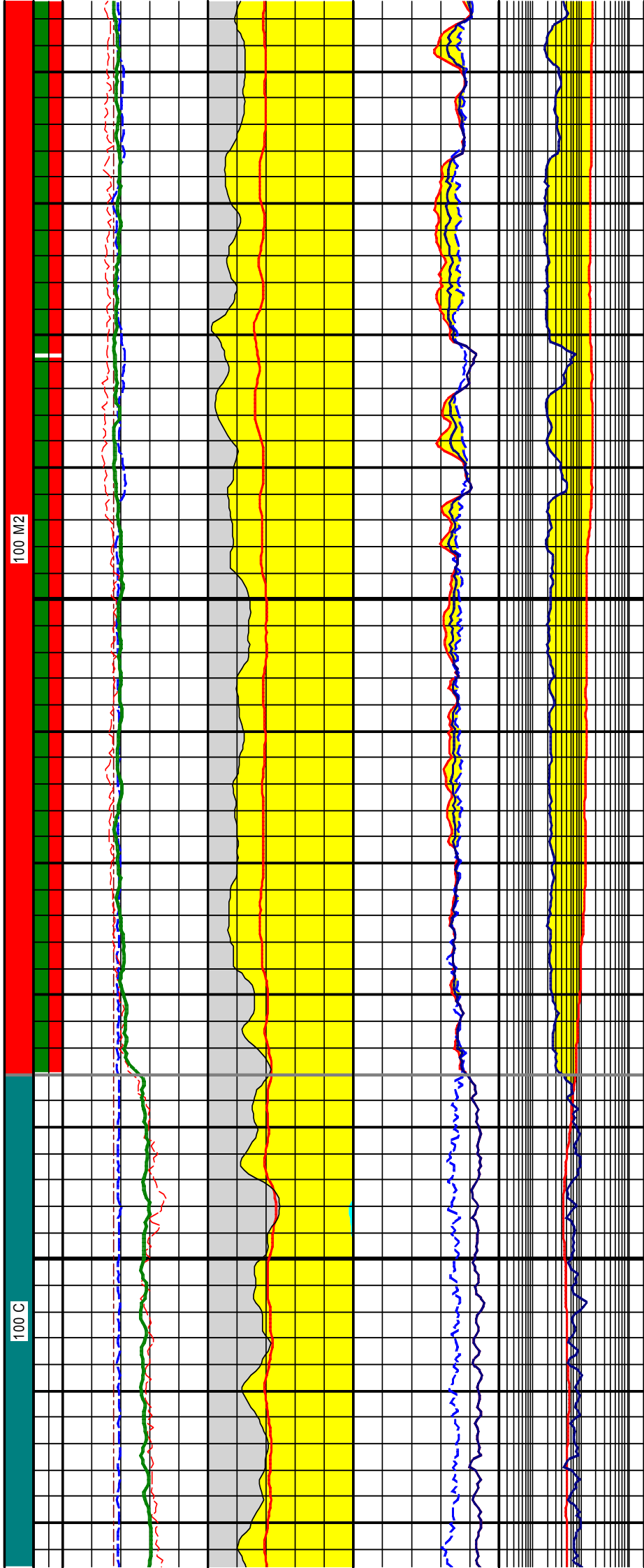


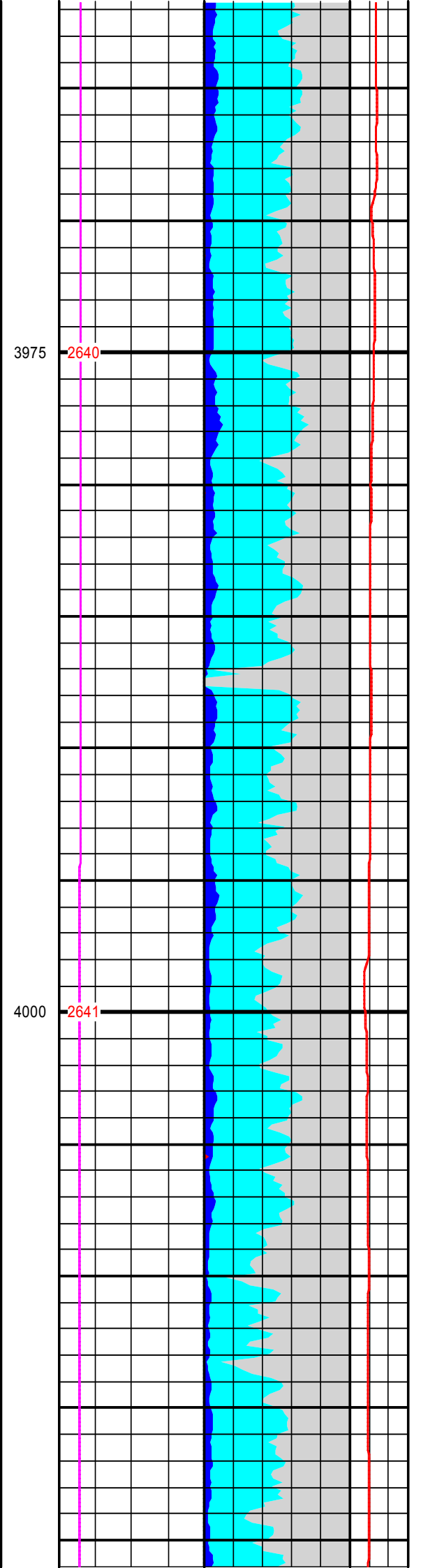
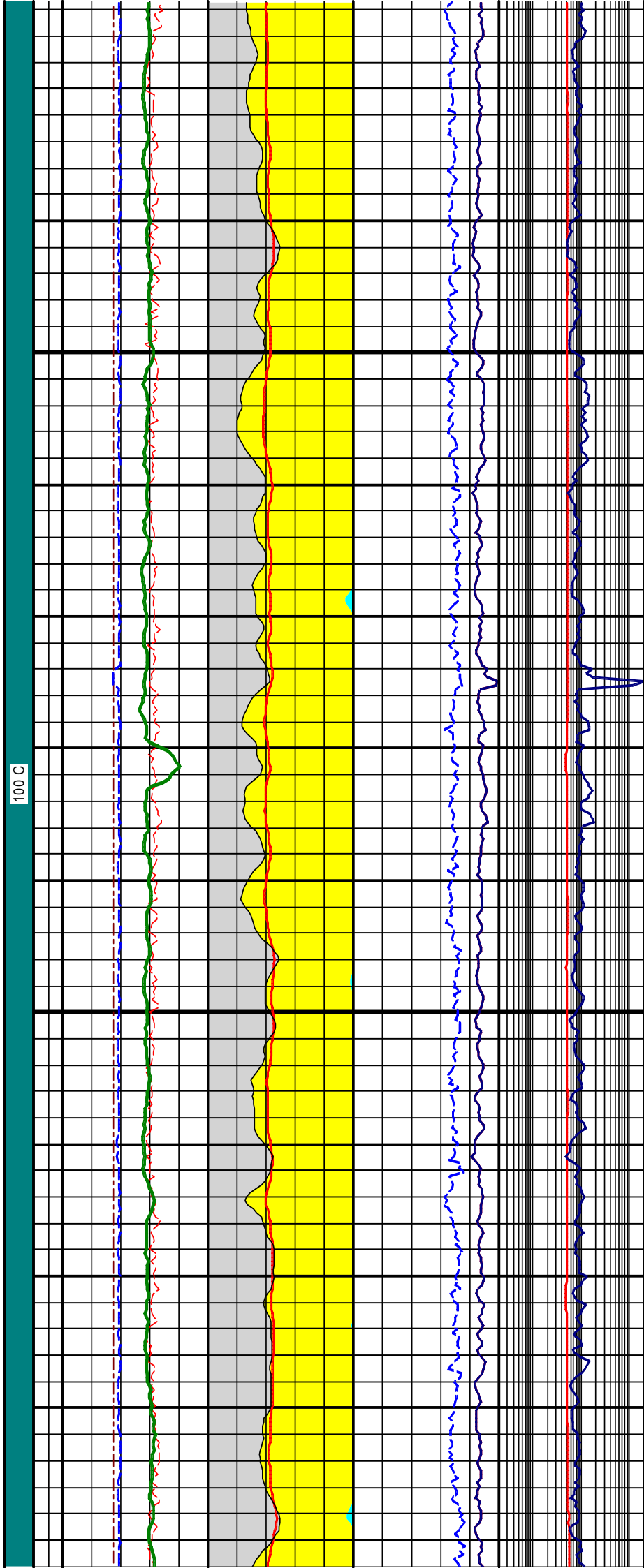


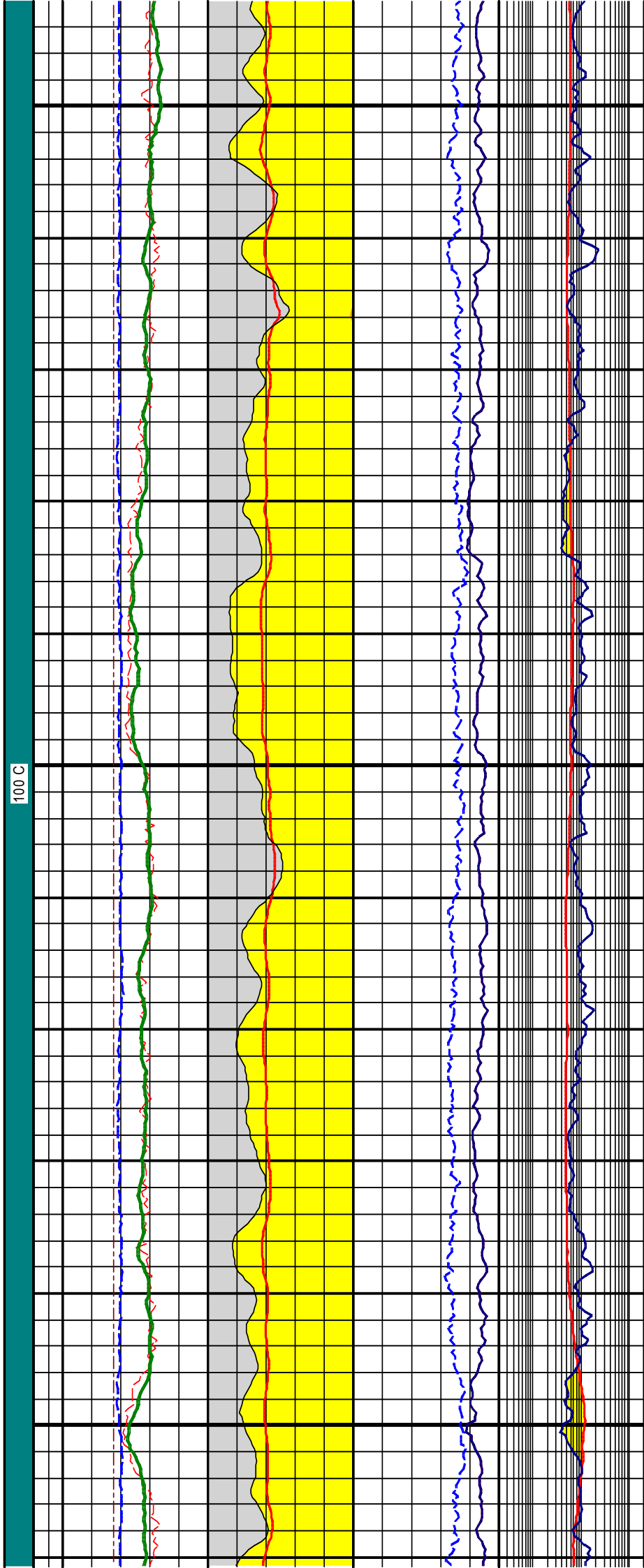
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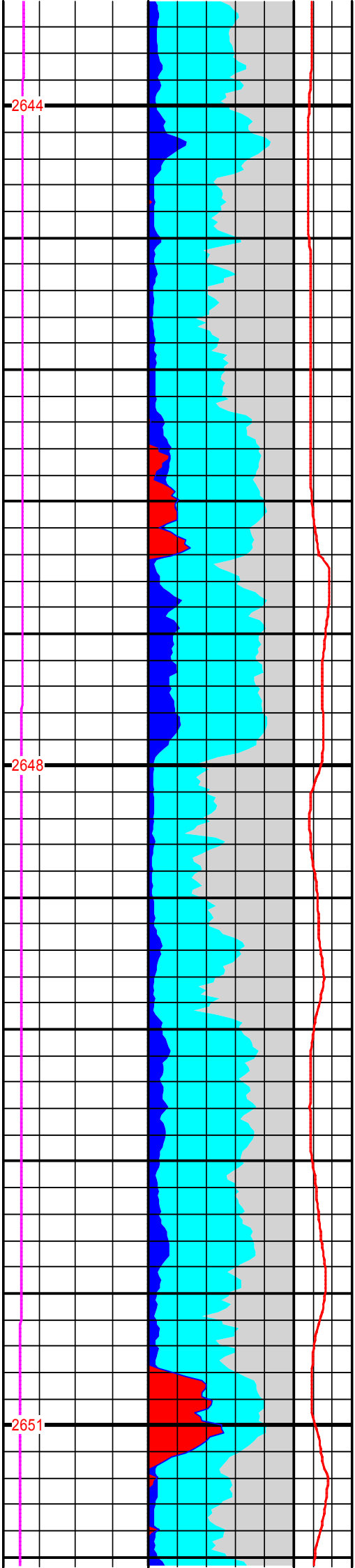
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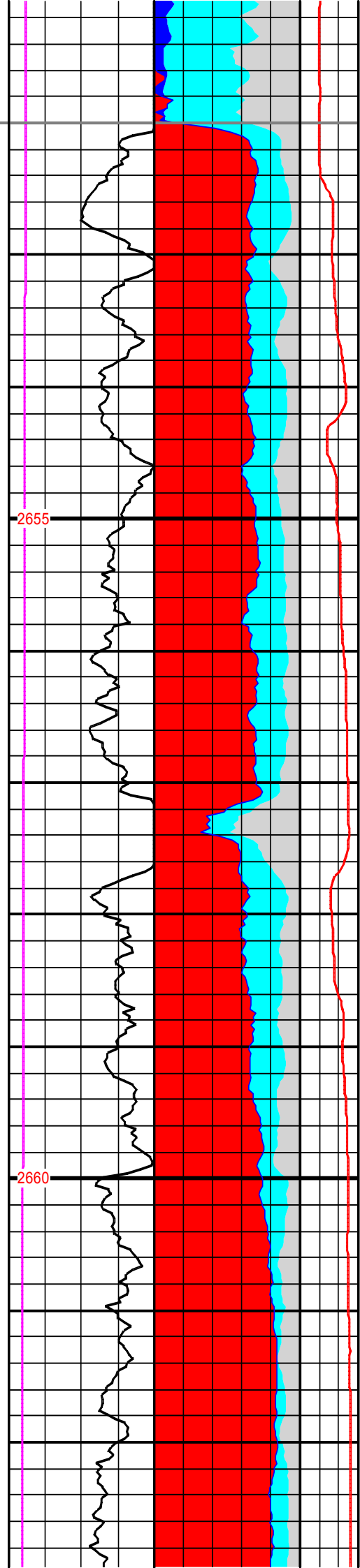
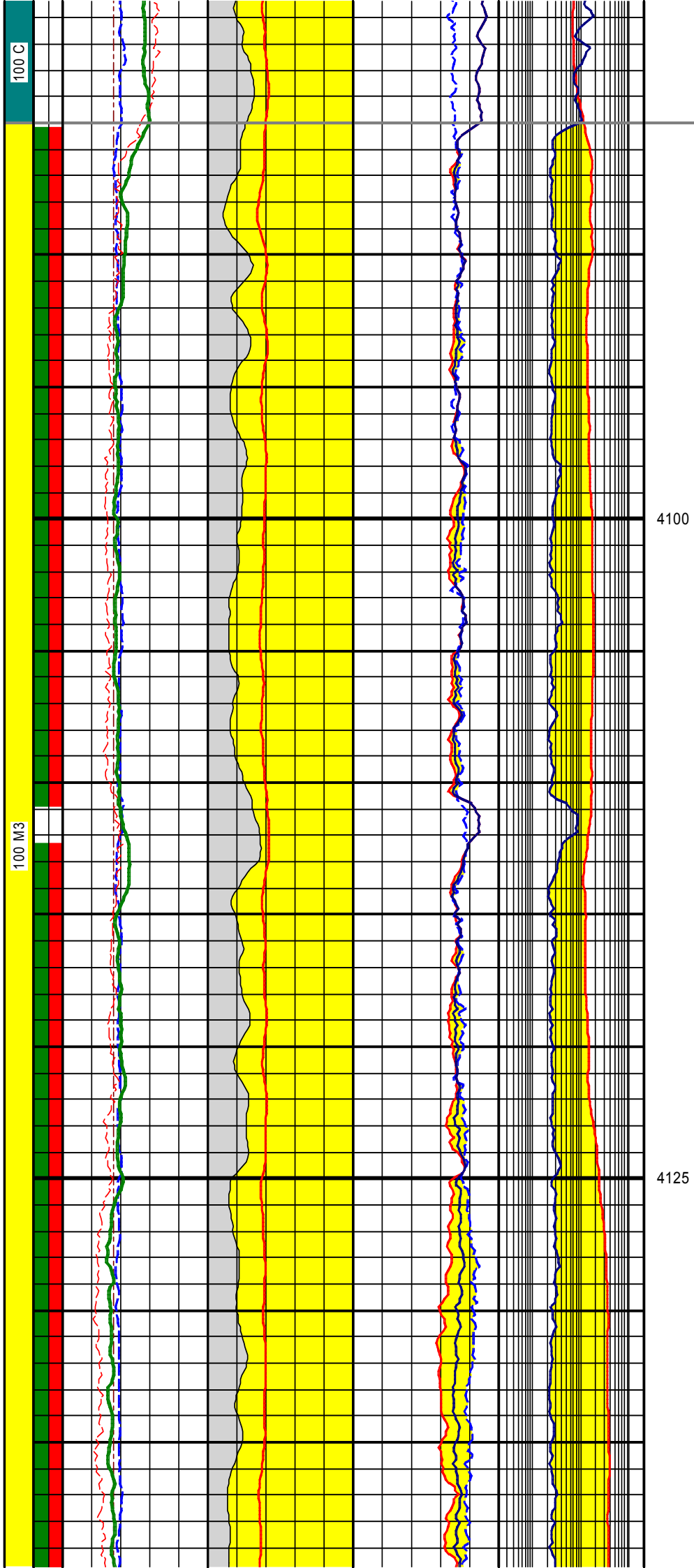
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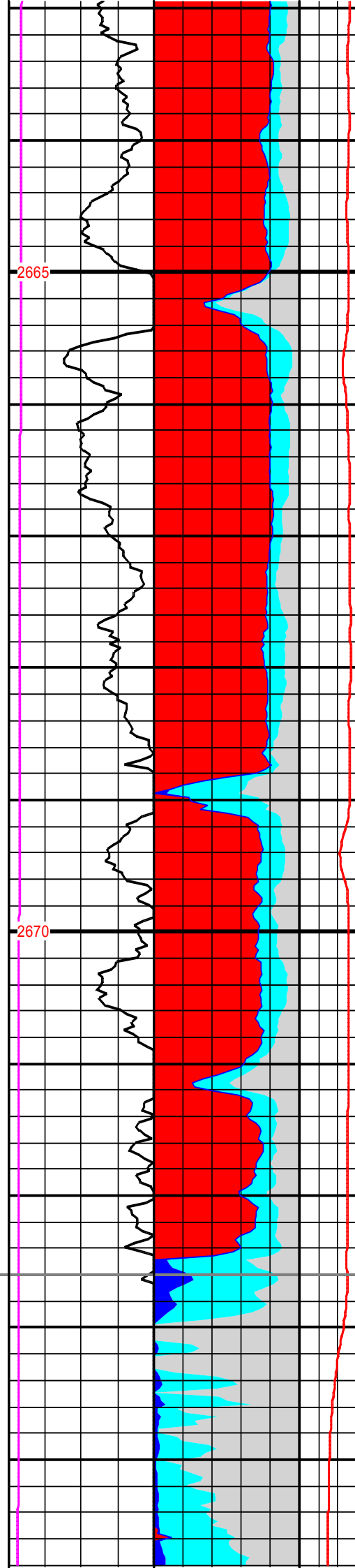
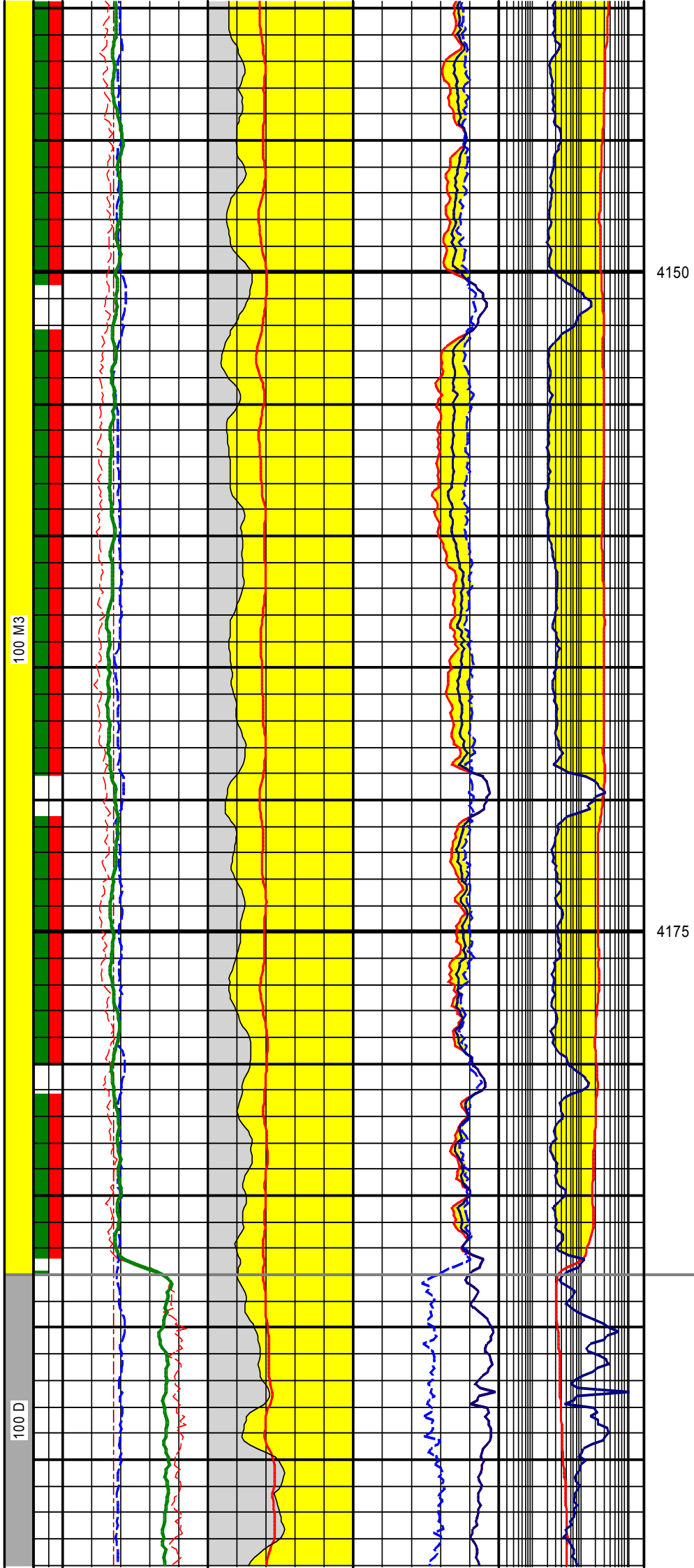
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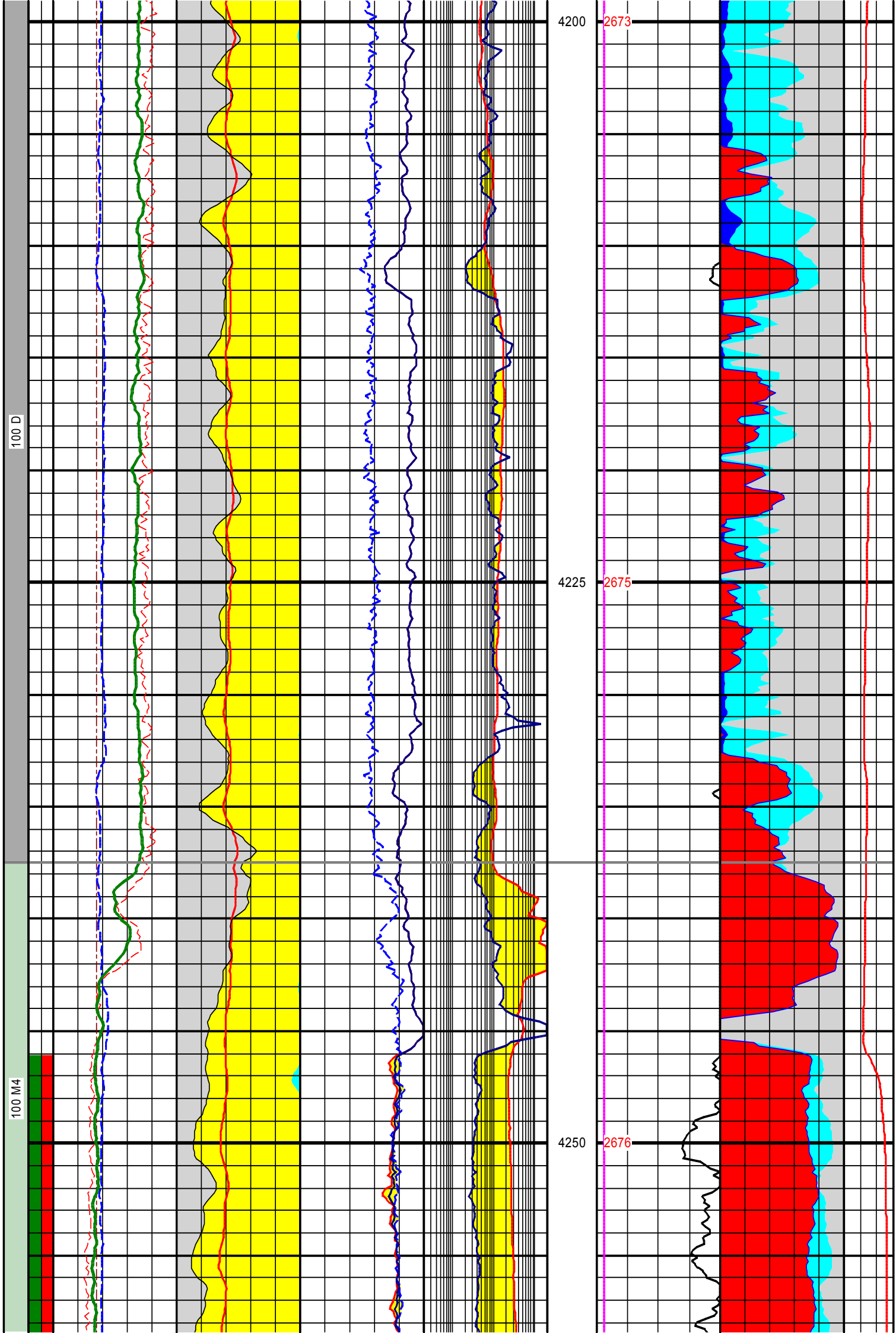
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2651

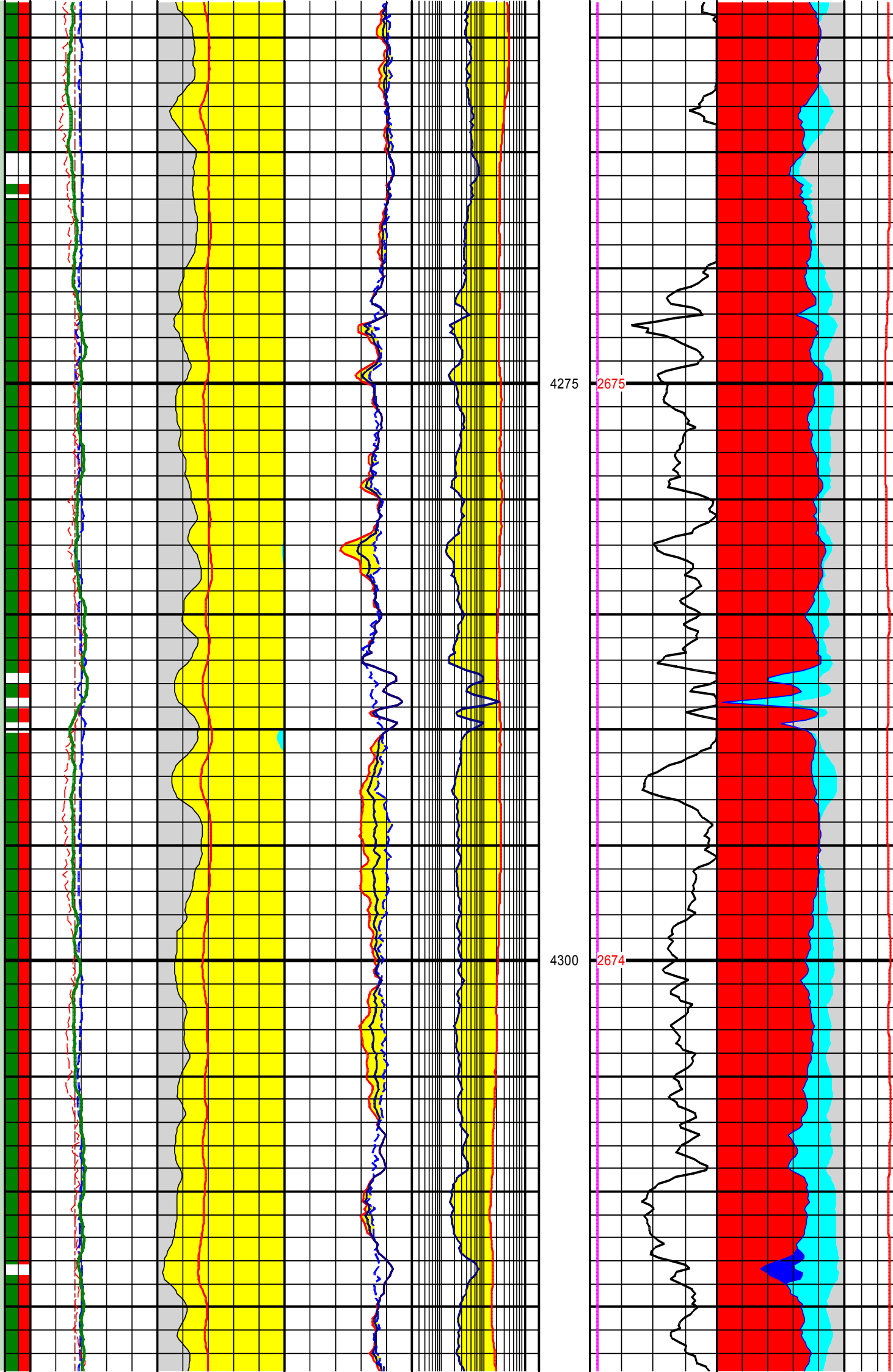


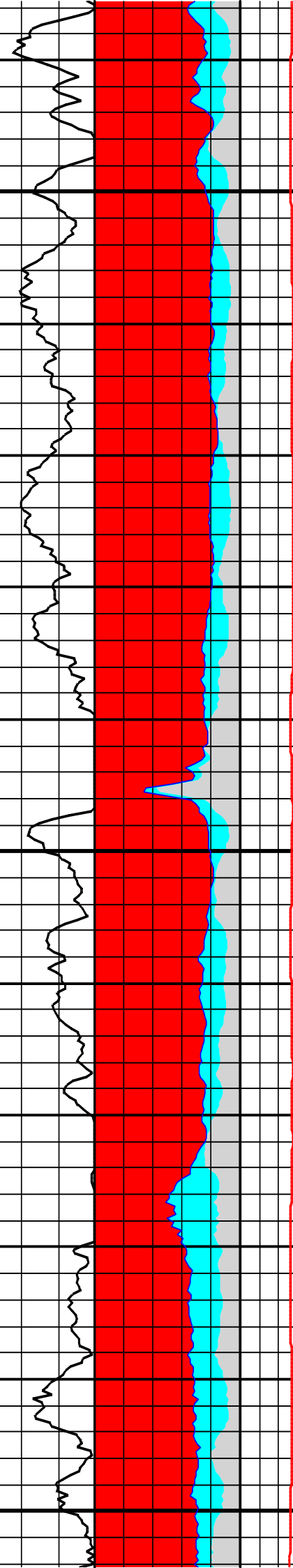


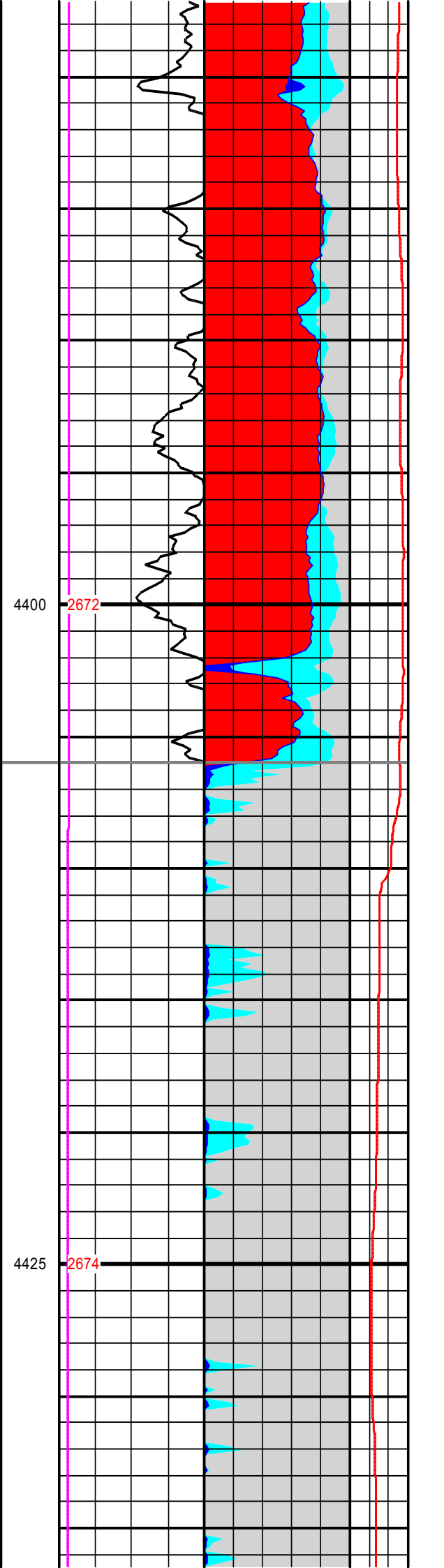
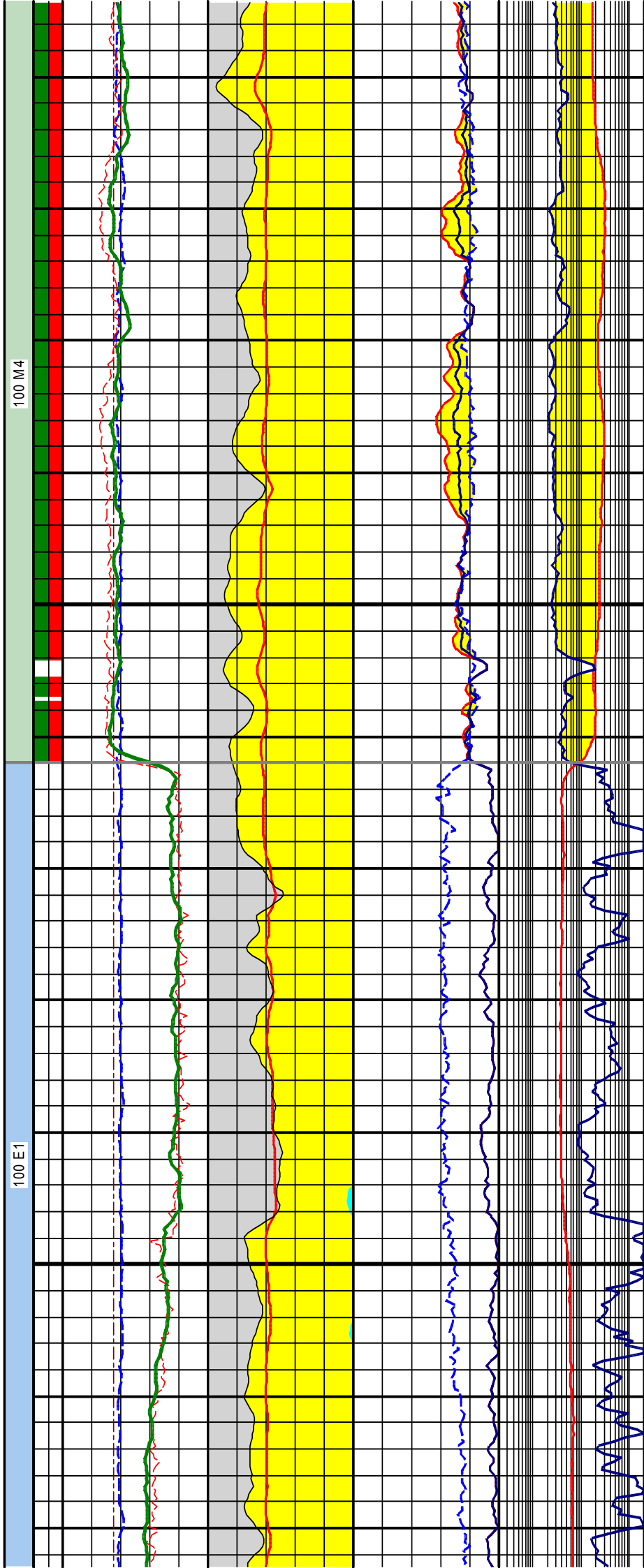




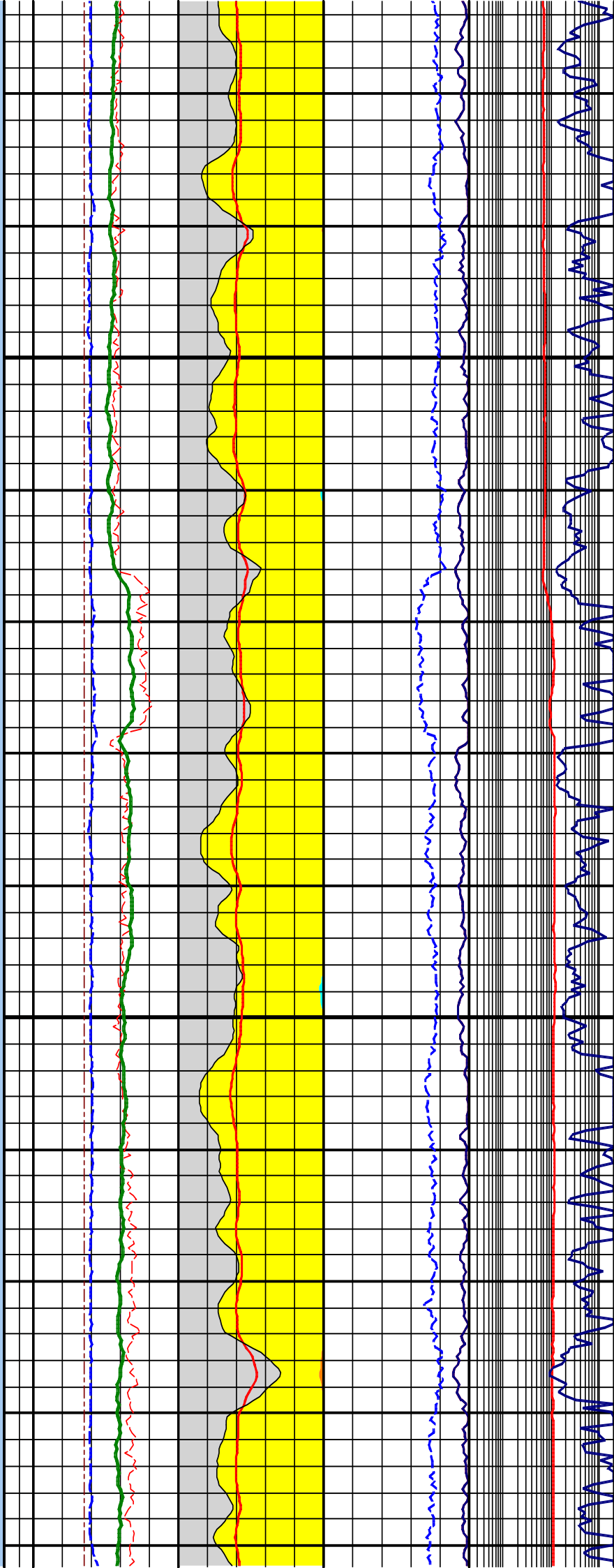
100 M4







100 E1

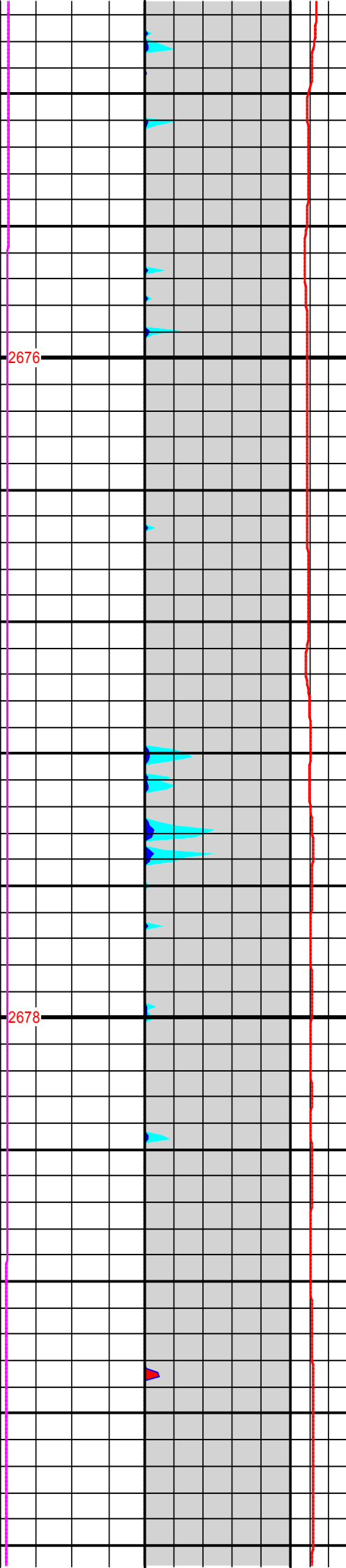


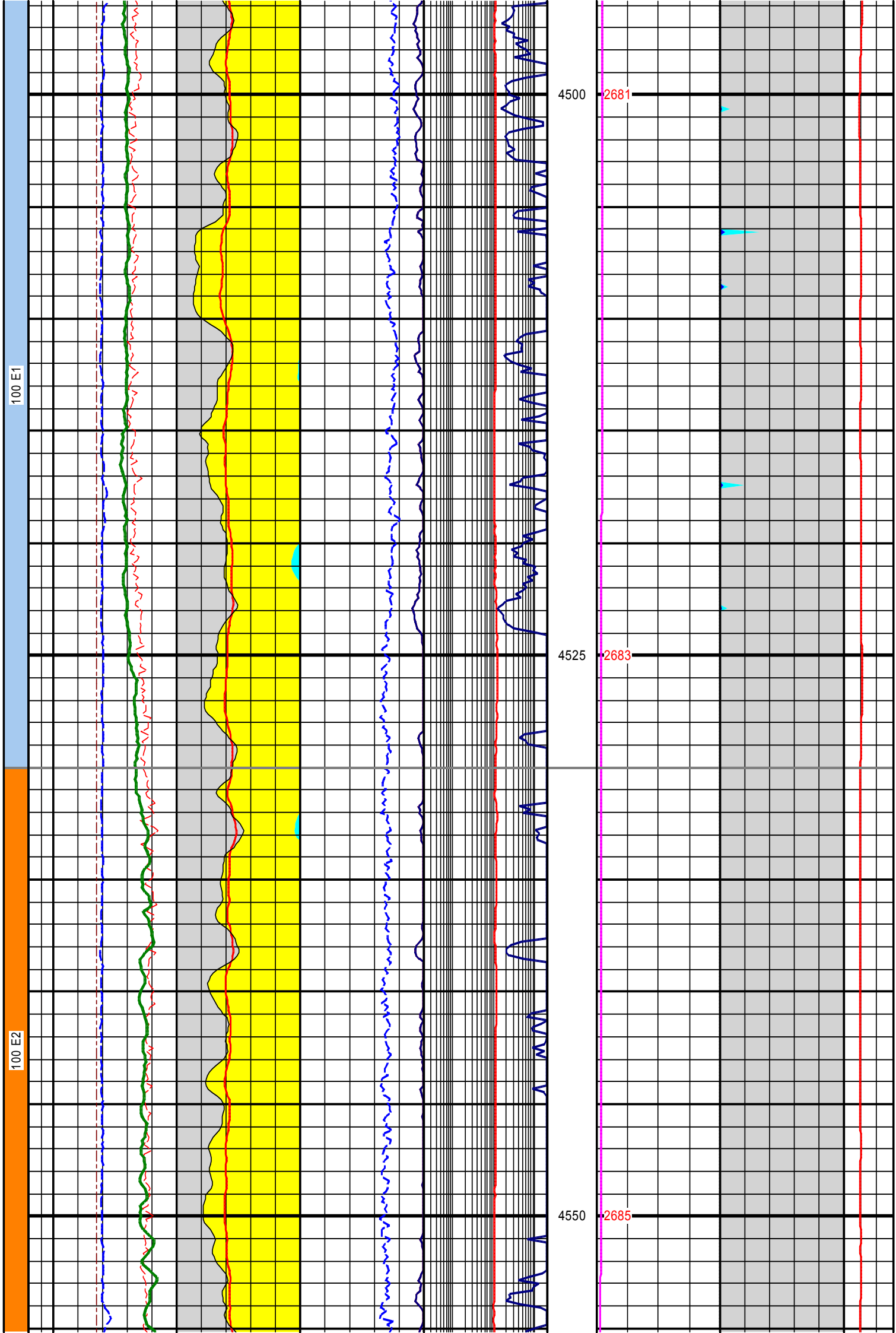
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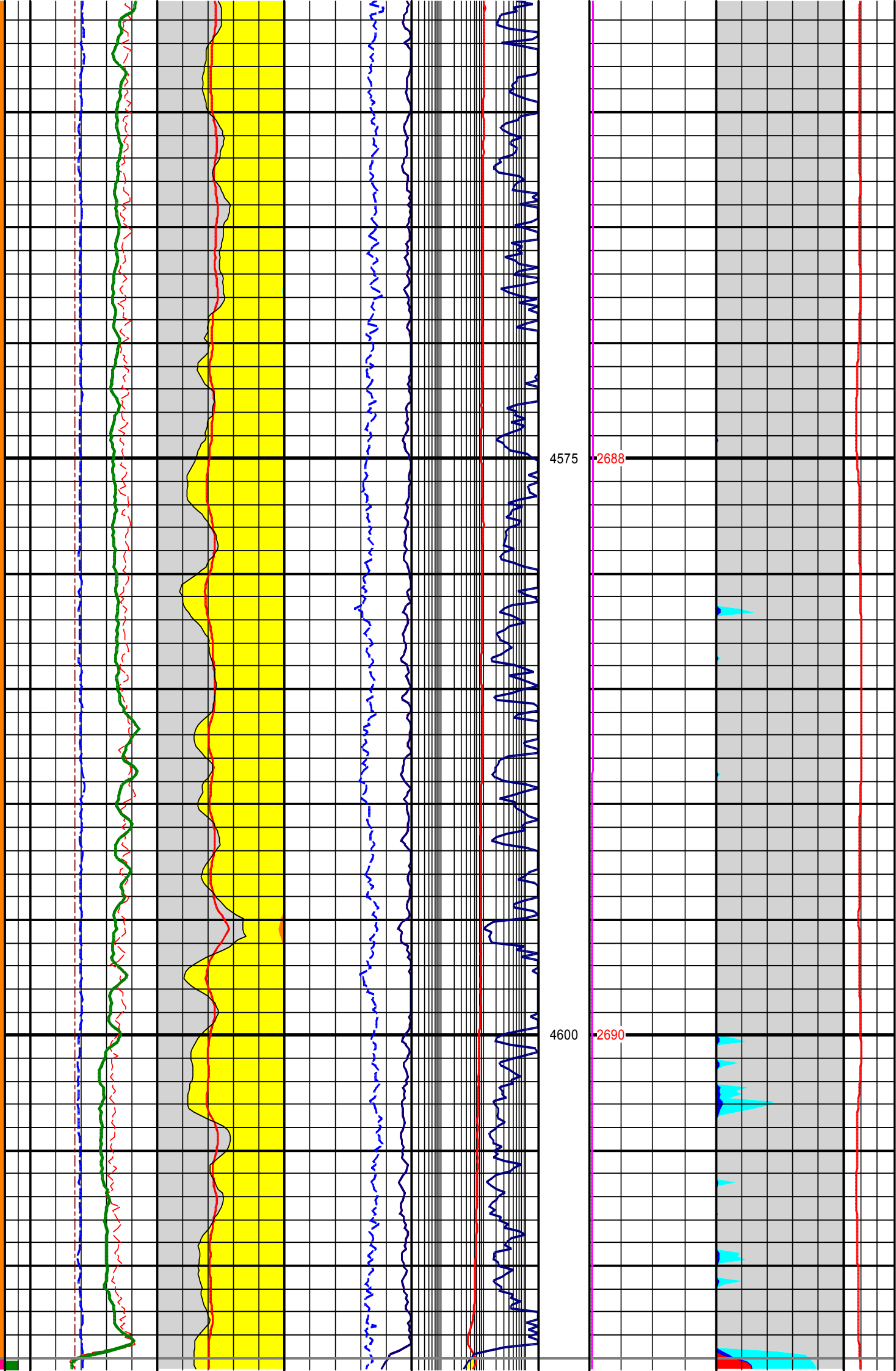
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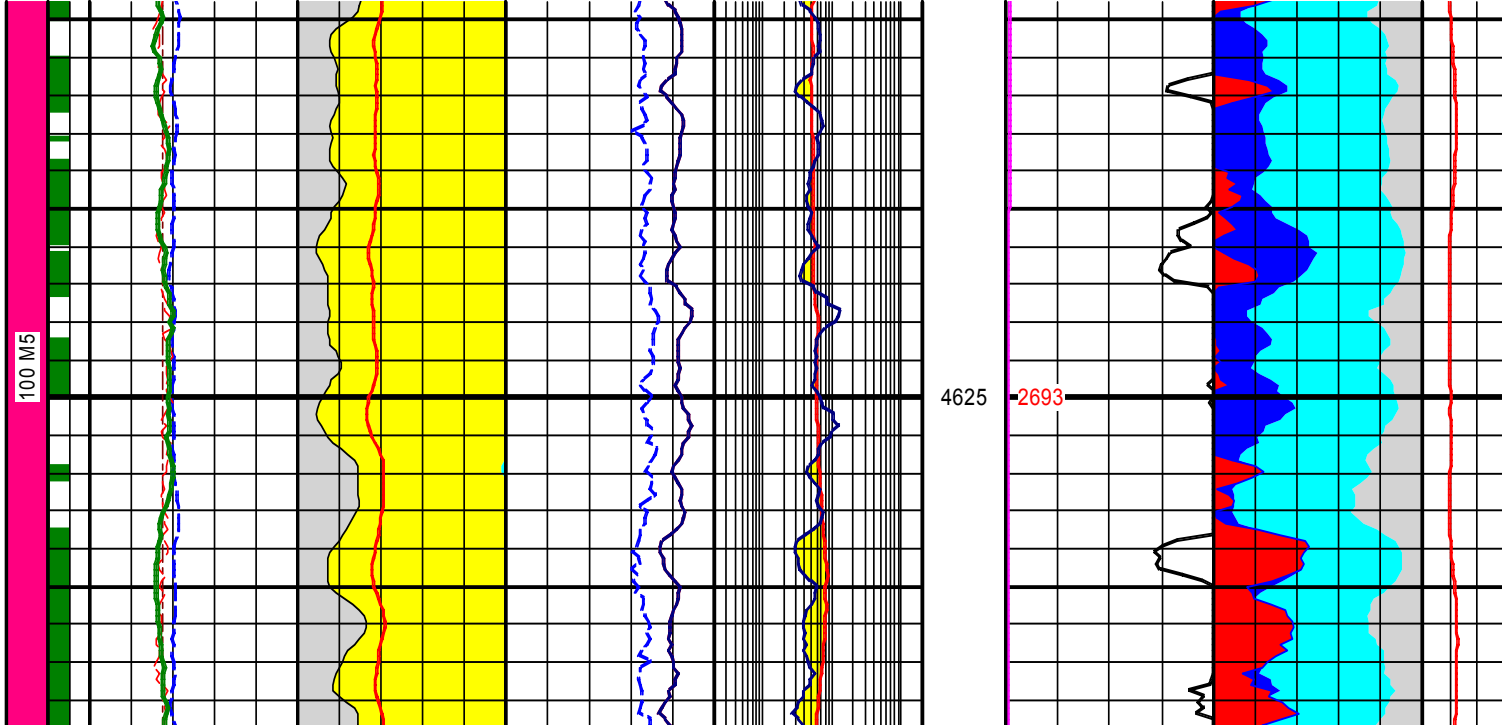
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2678









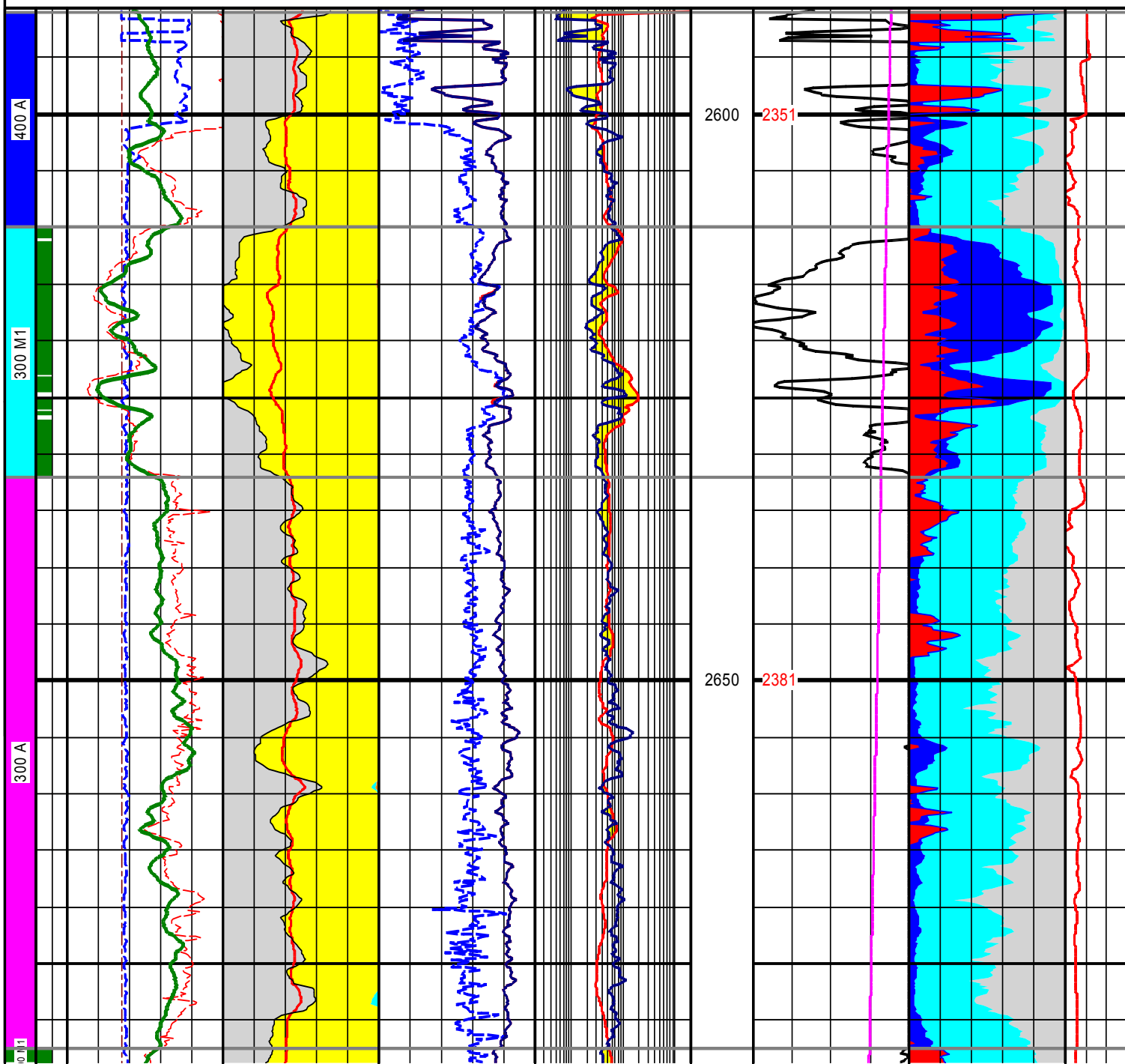
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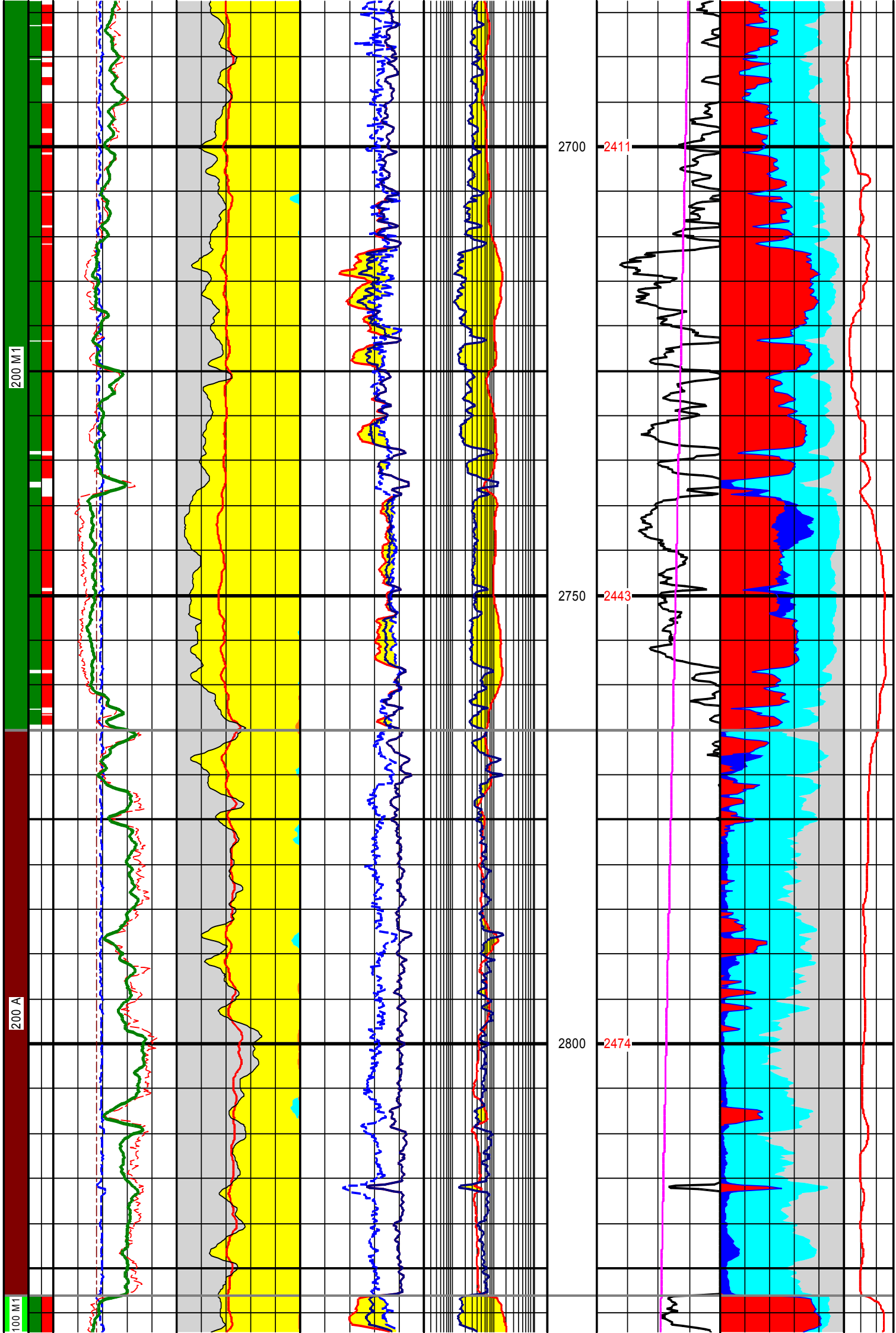
Longtom 4H

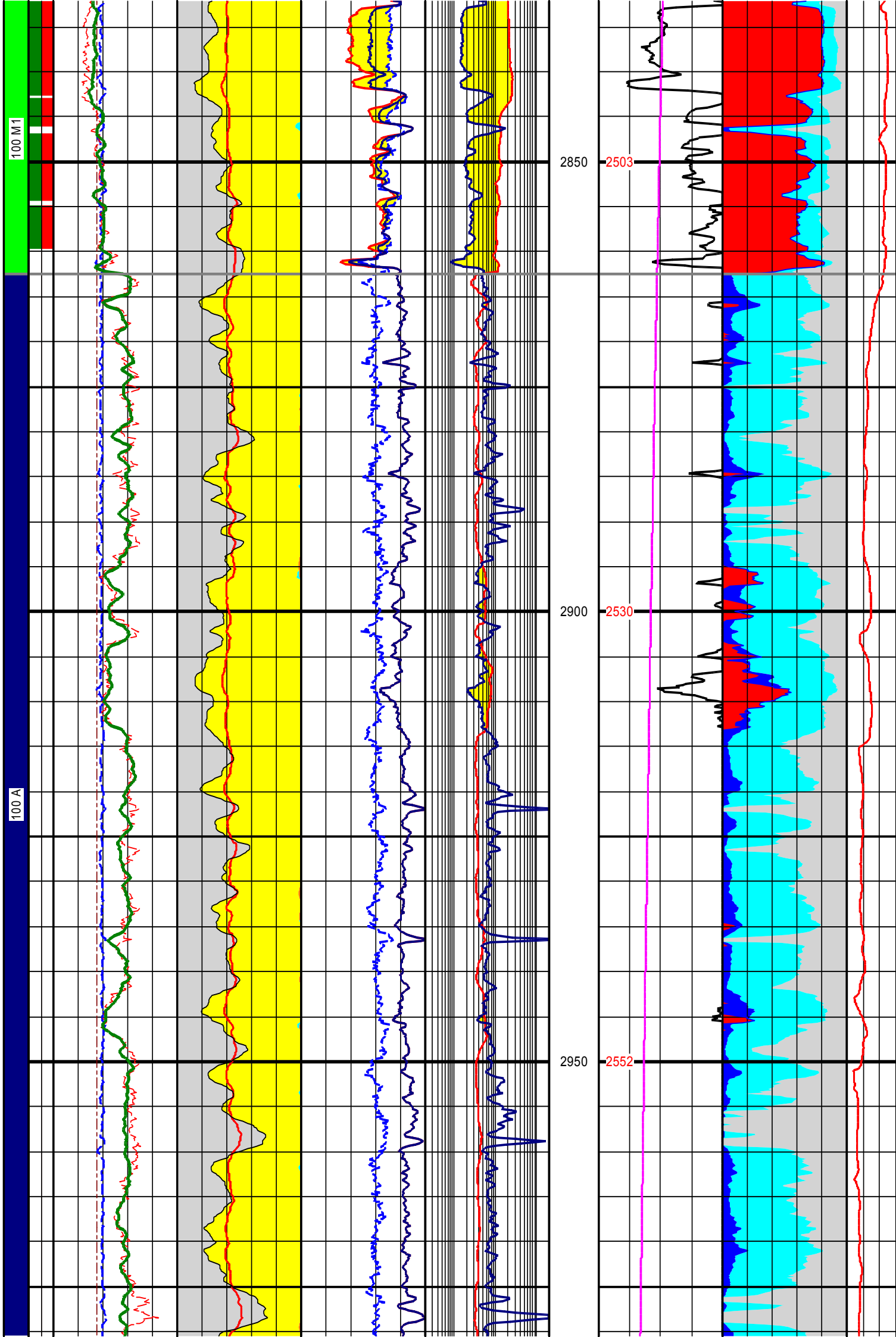
DB : Nexus (14)

DEPTH (2590.75M - 4633.83M)

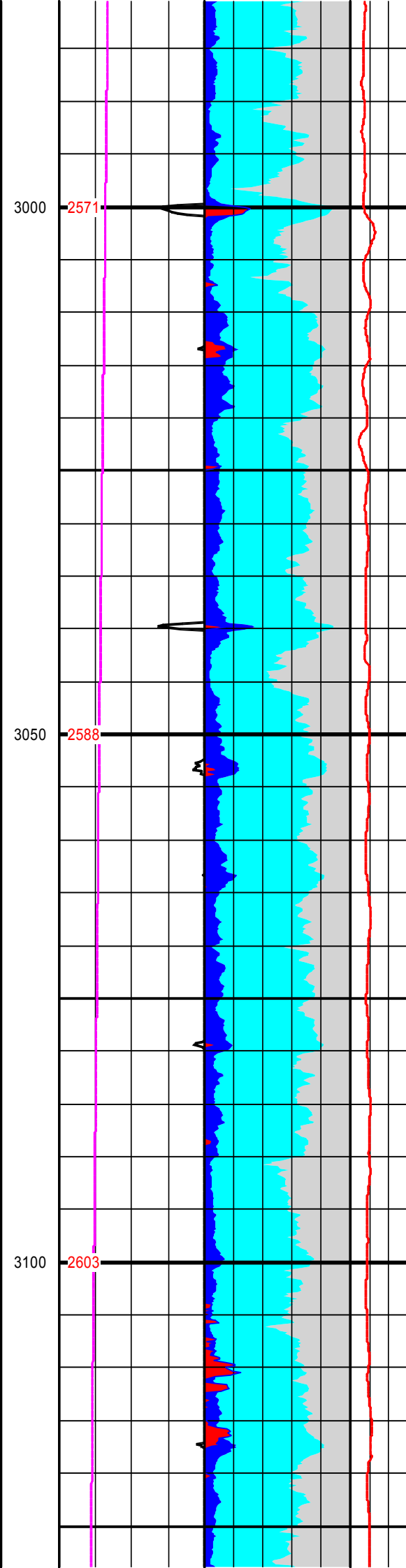
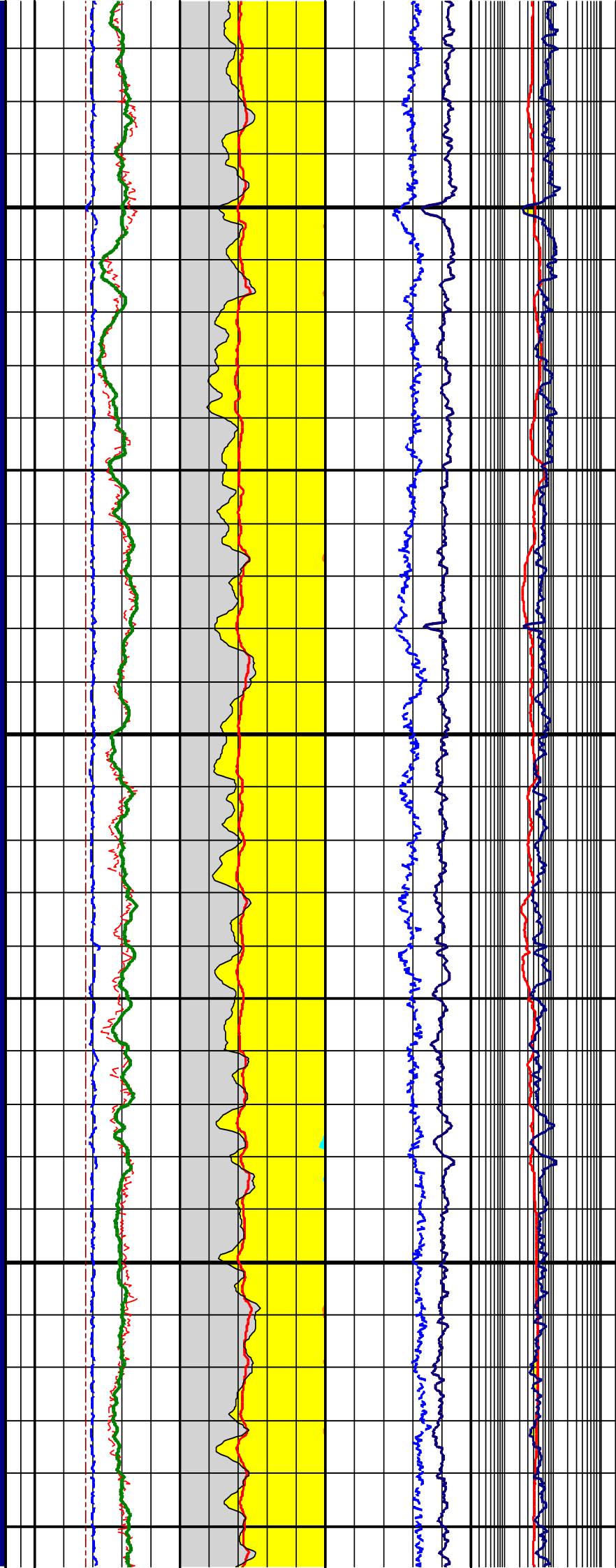
13/08/2008 16:36

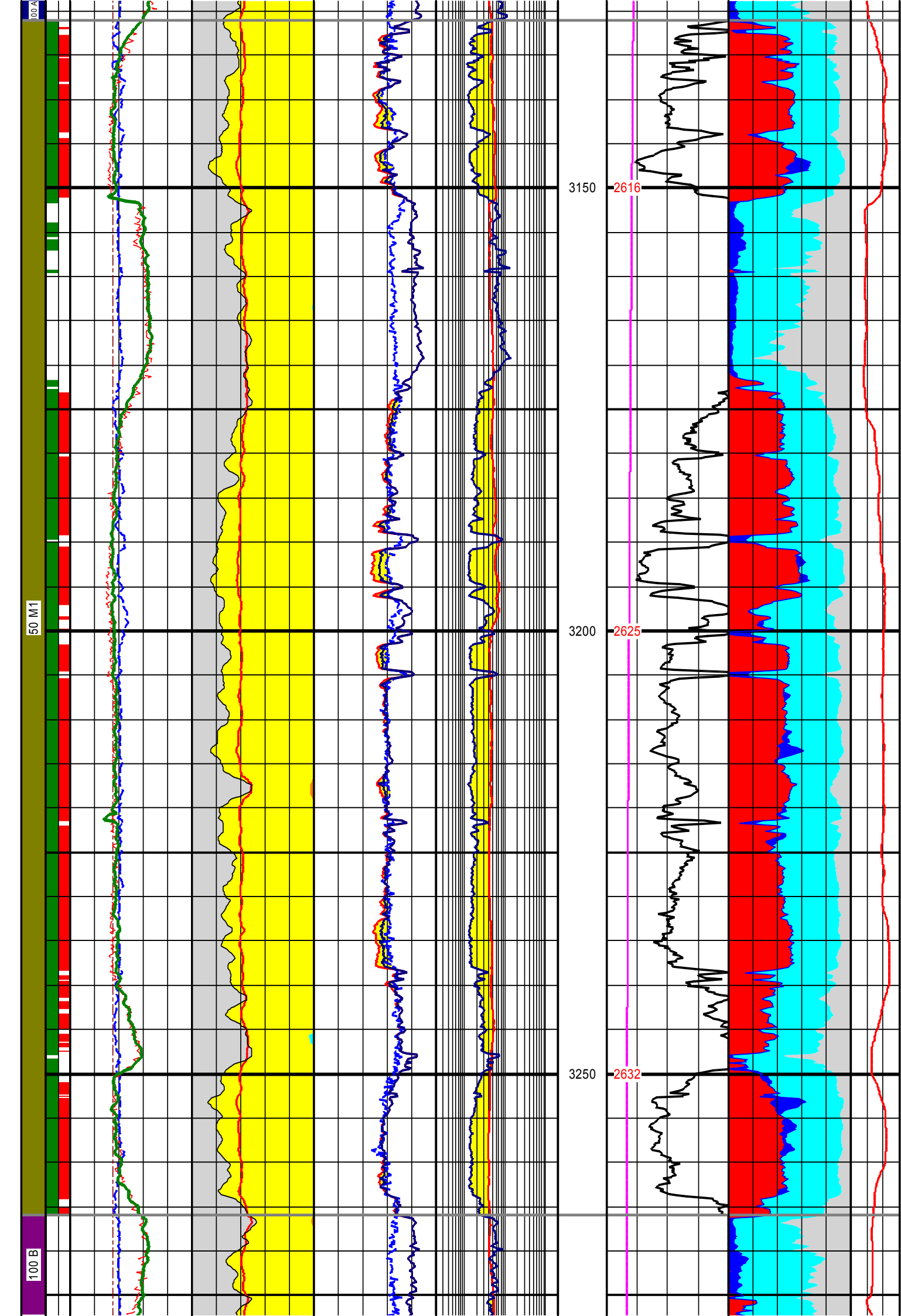


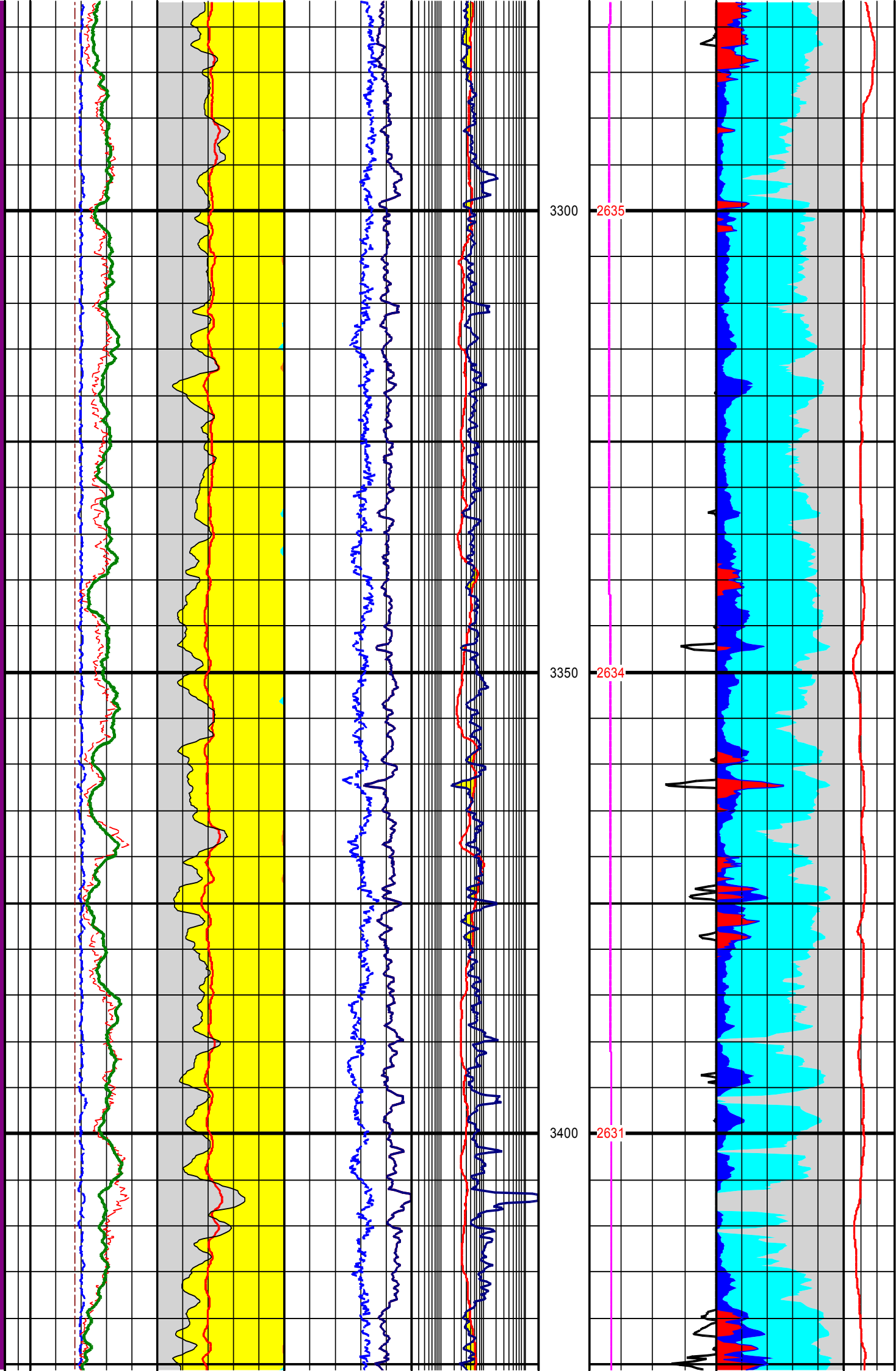




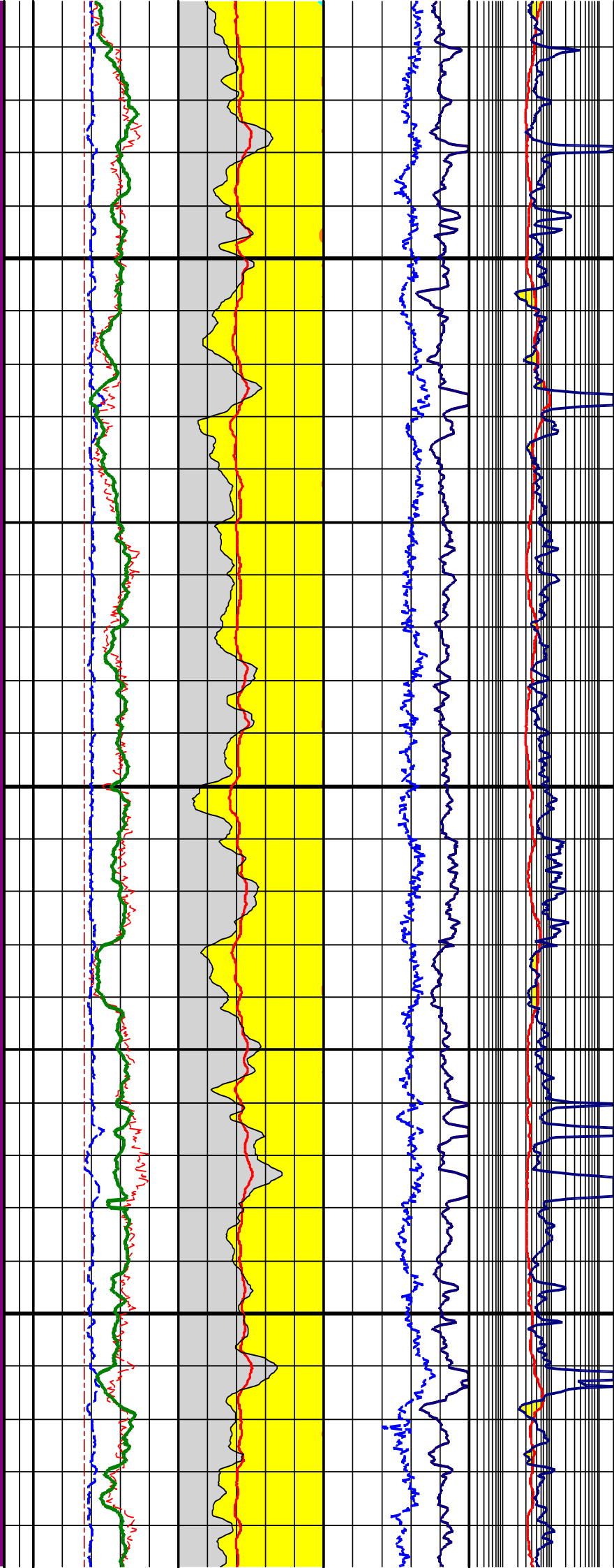
100 A







100 B



3450

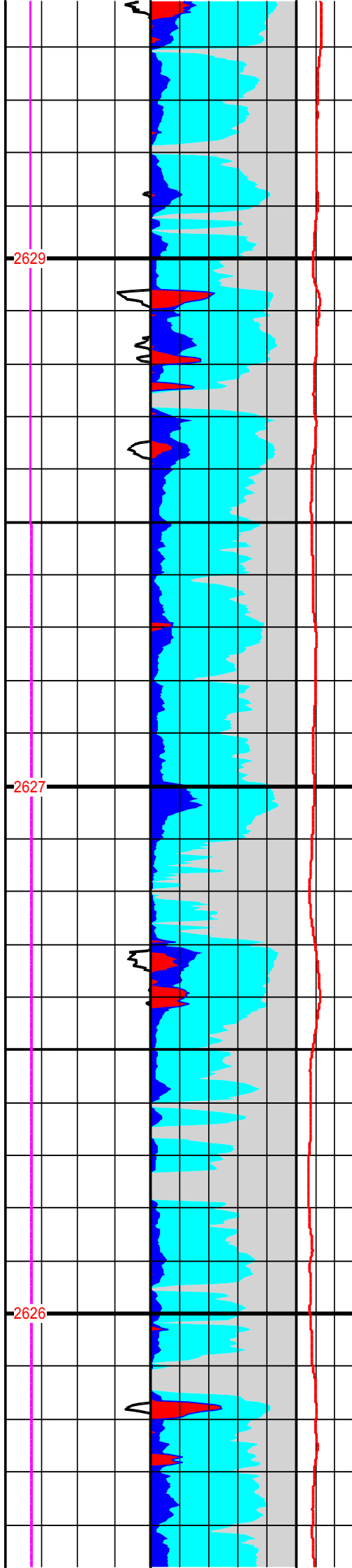
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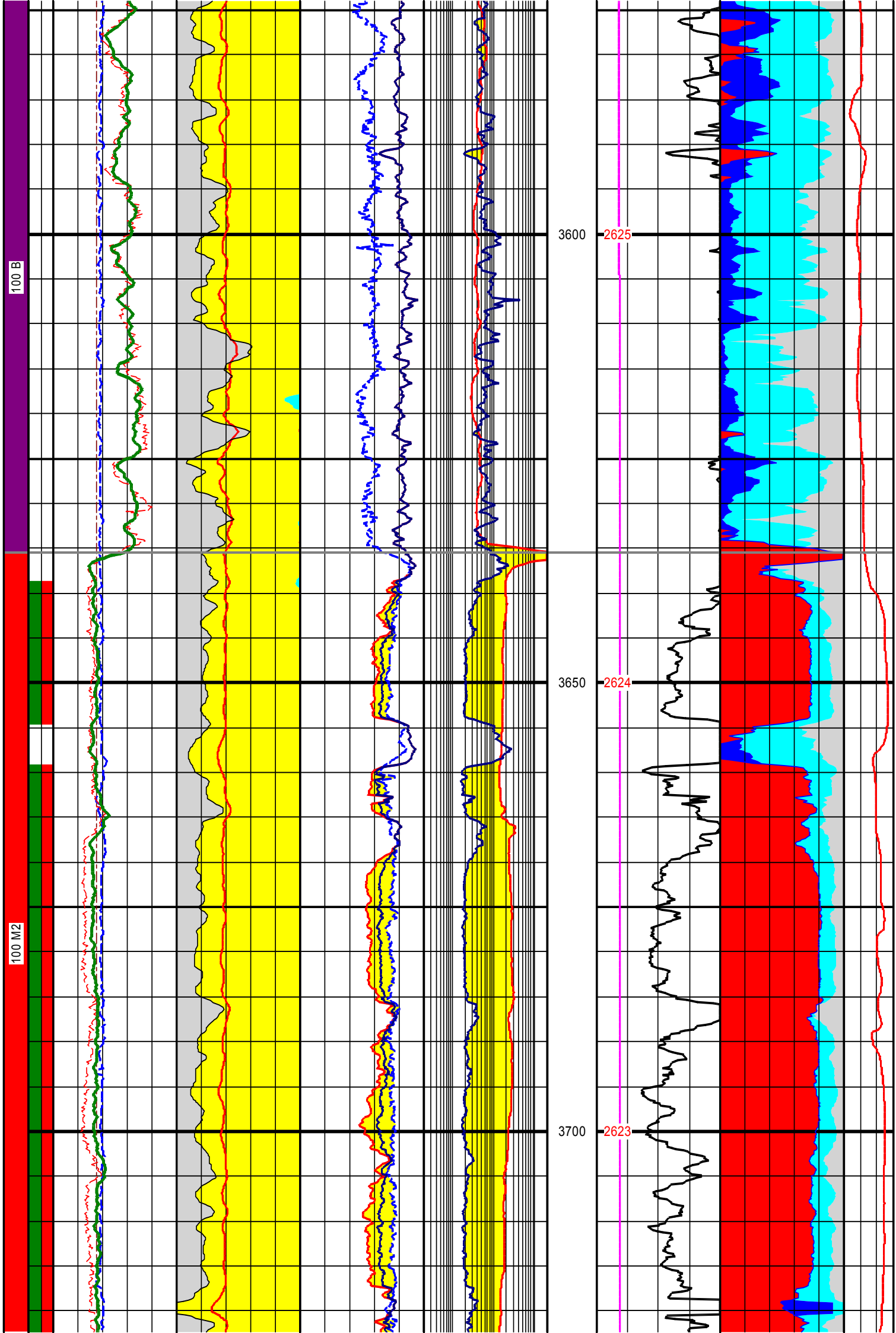
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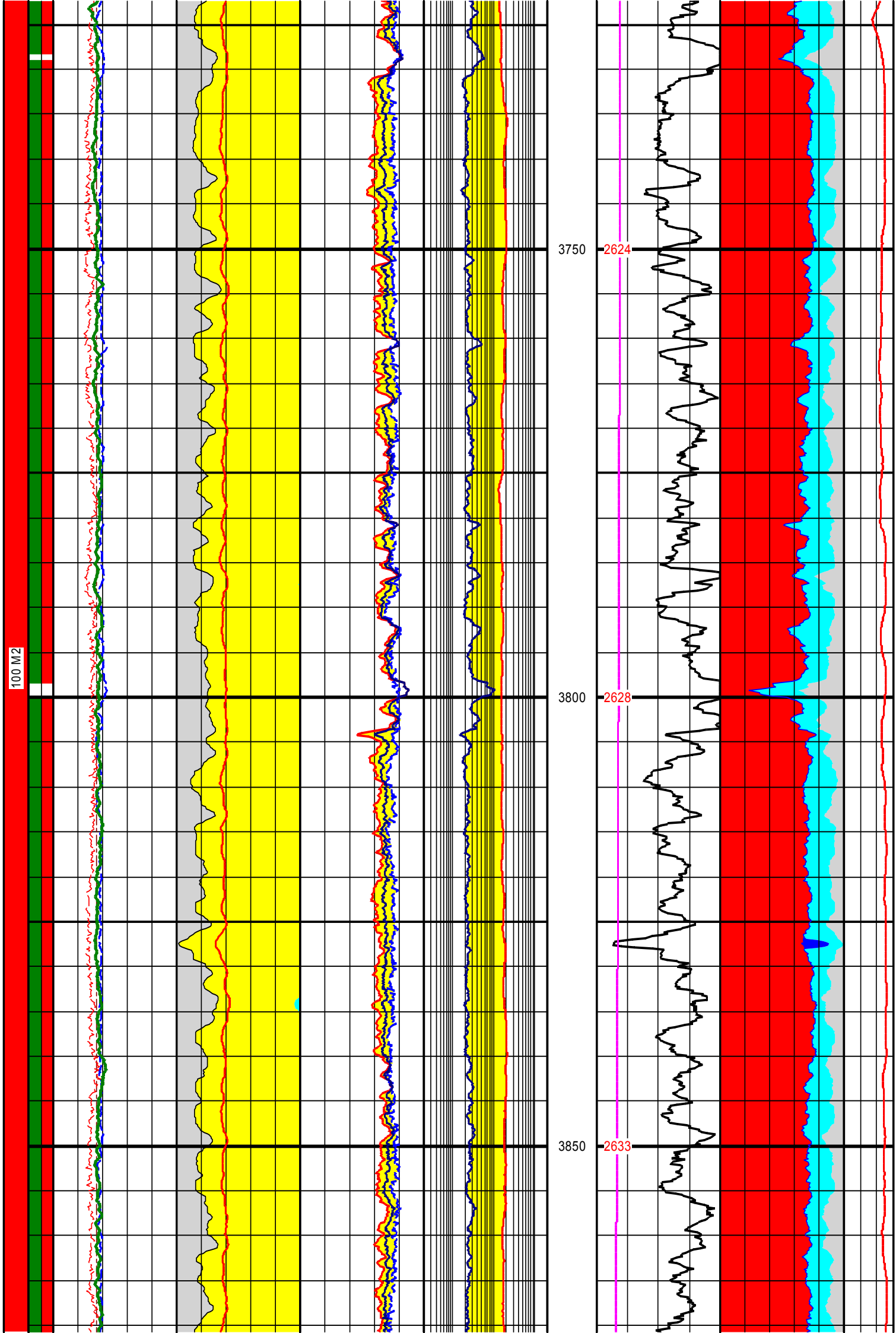
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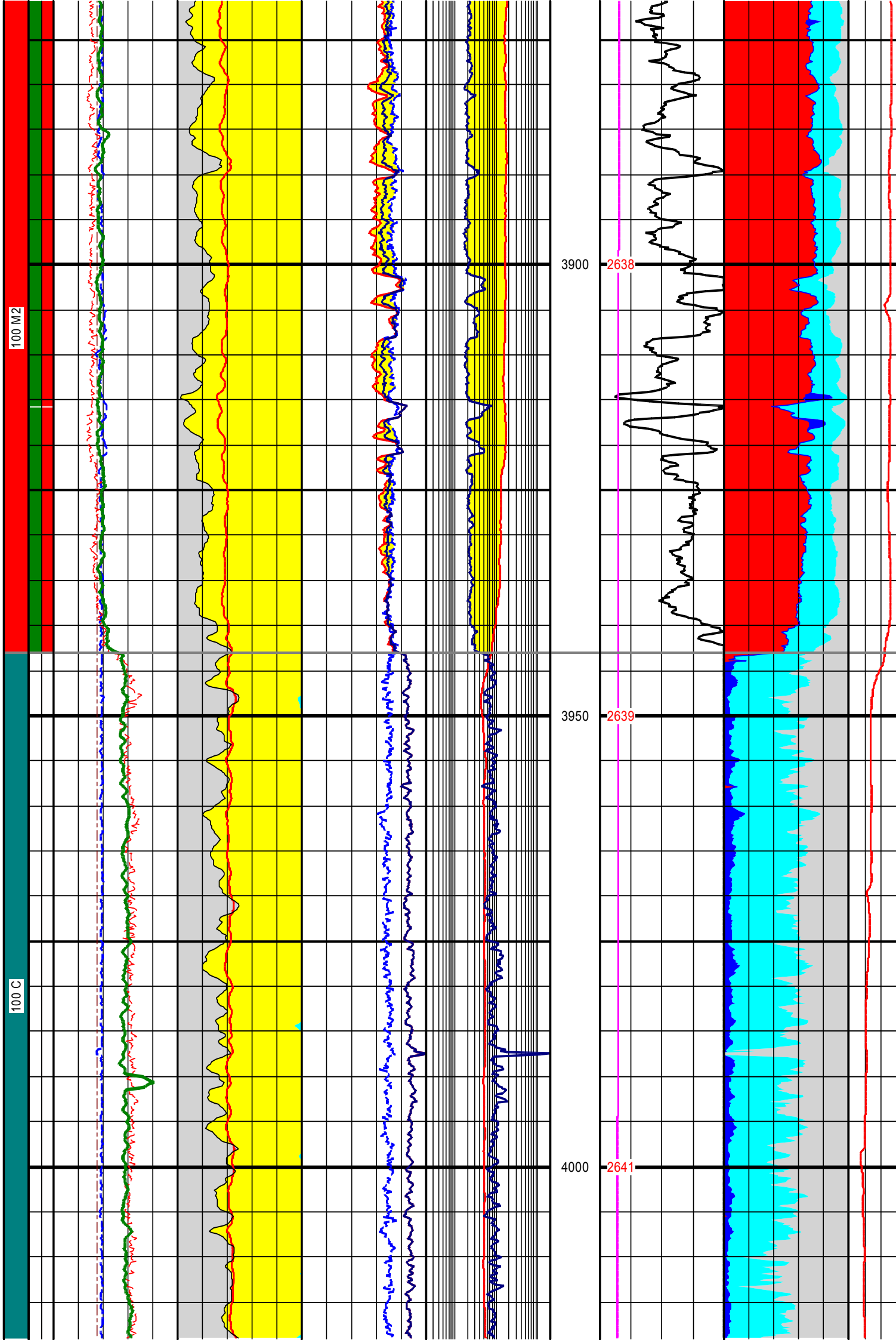
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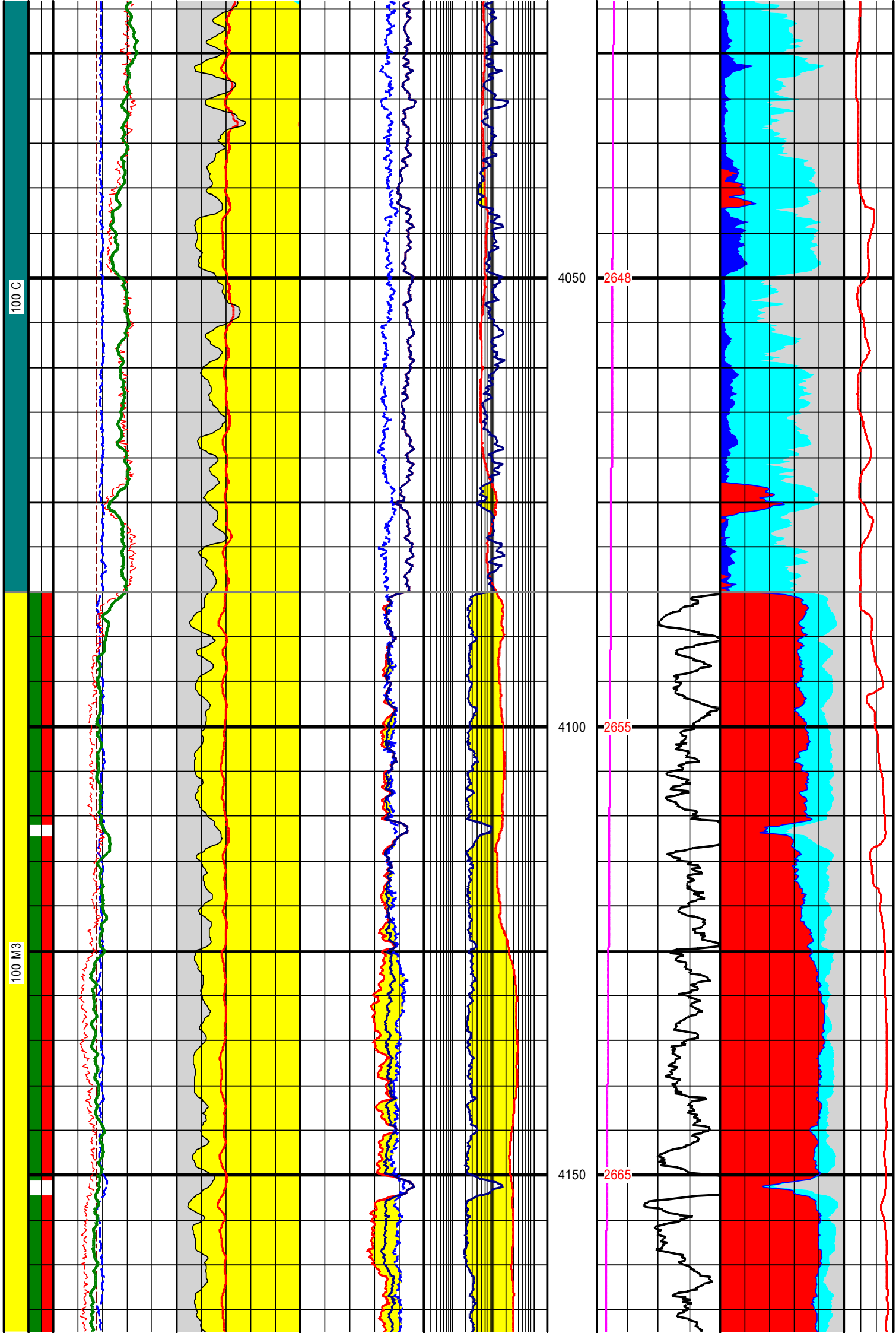
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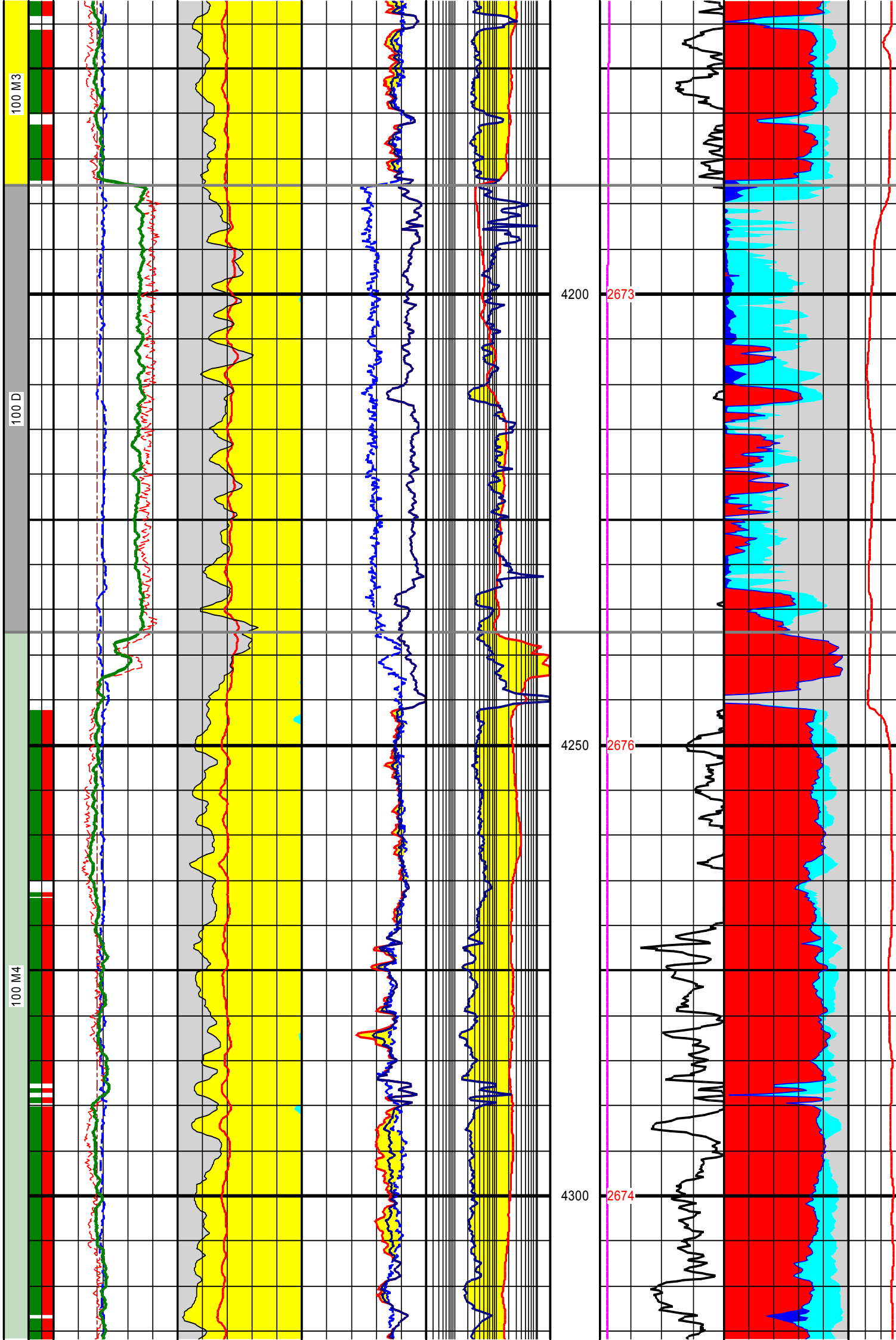


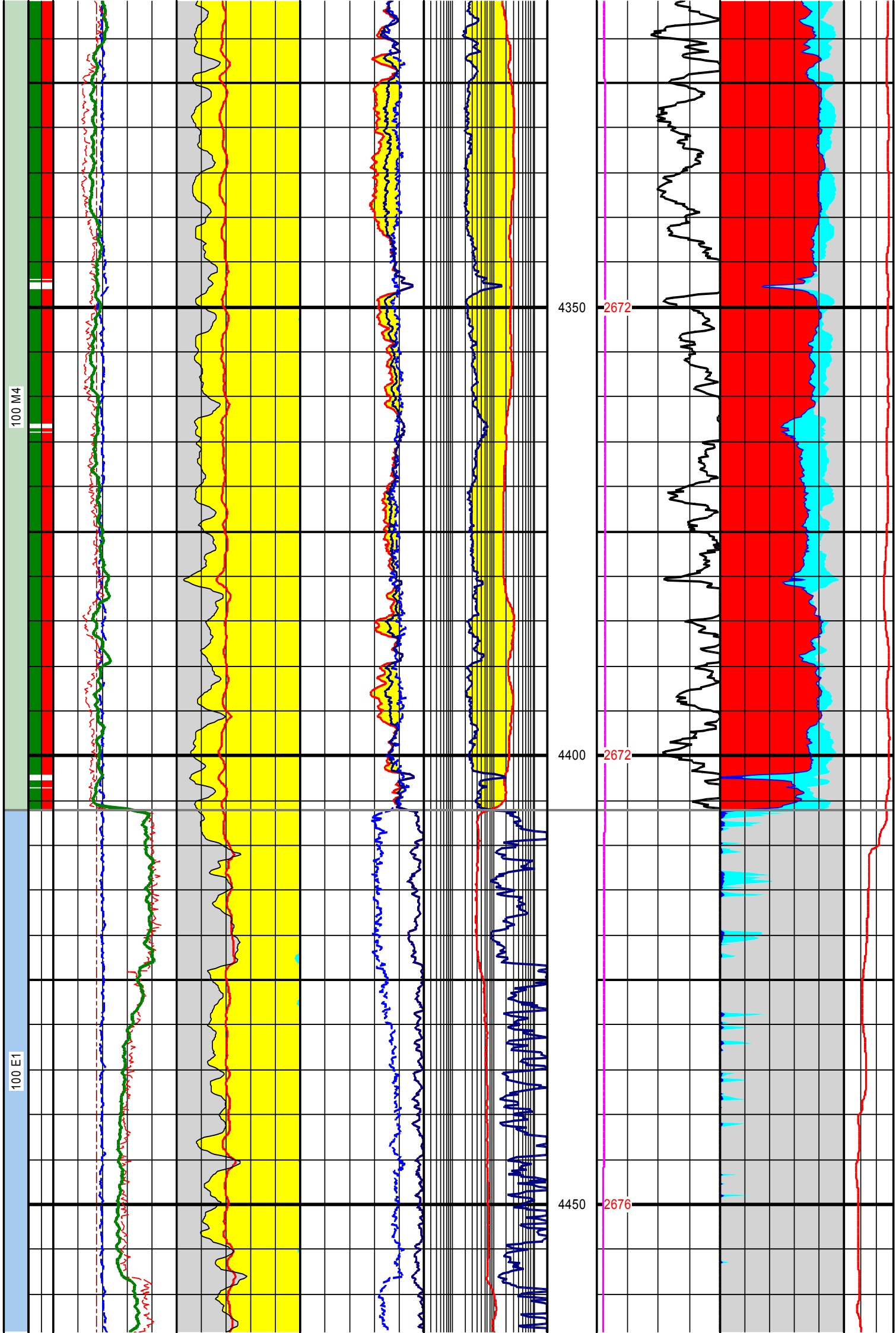


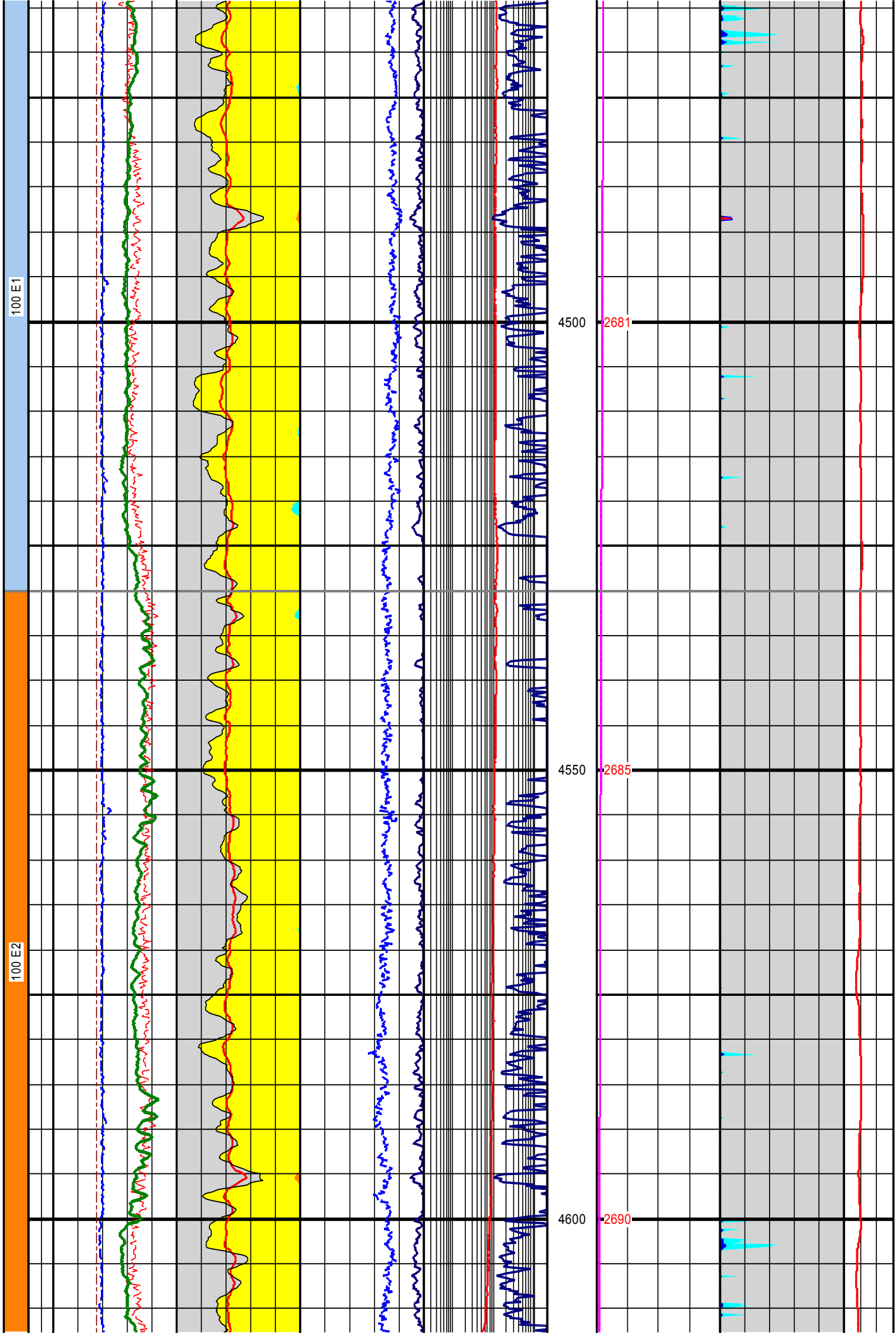


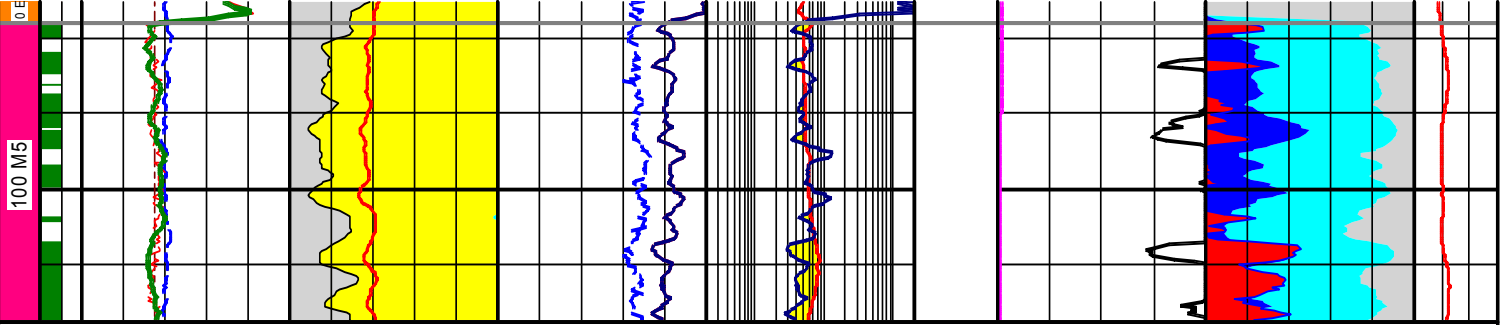








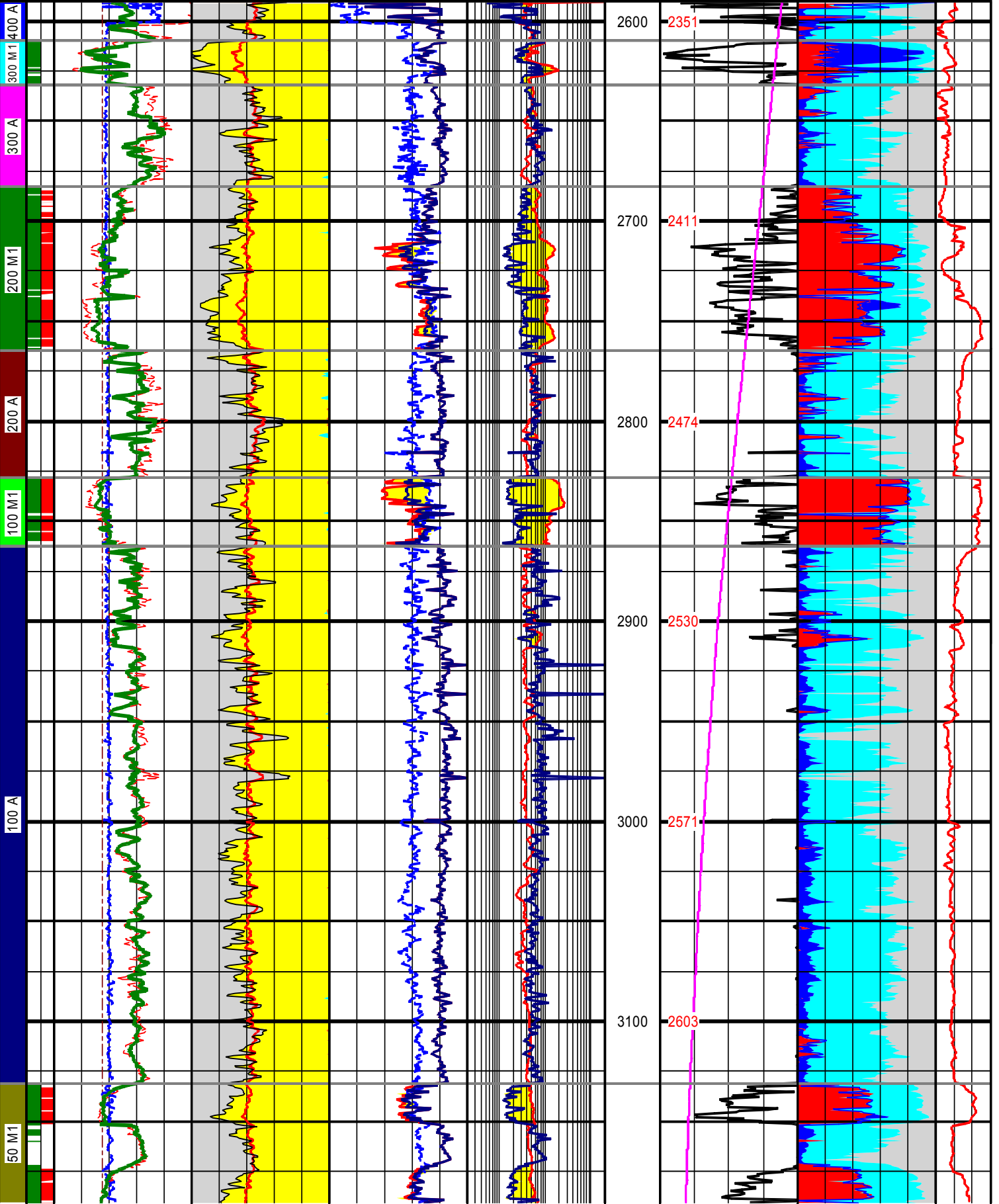


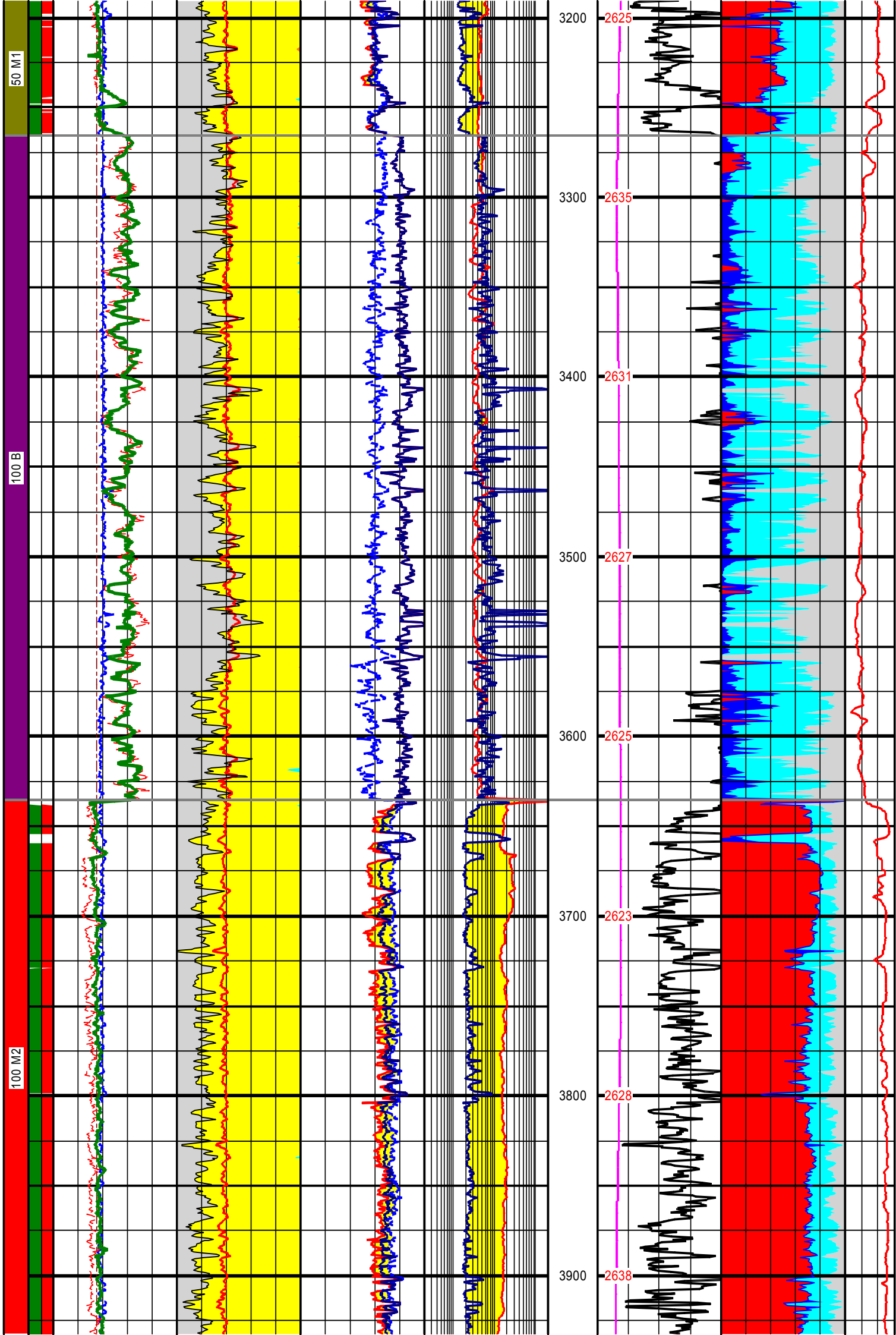


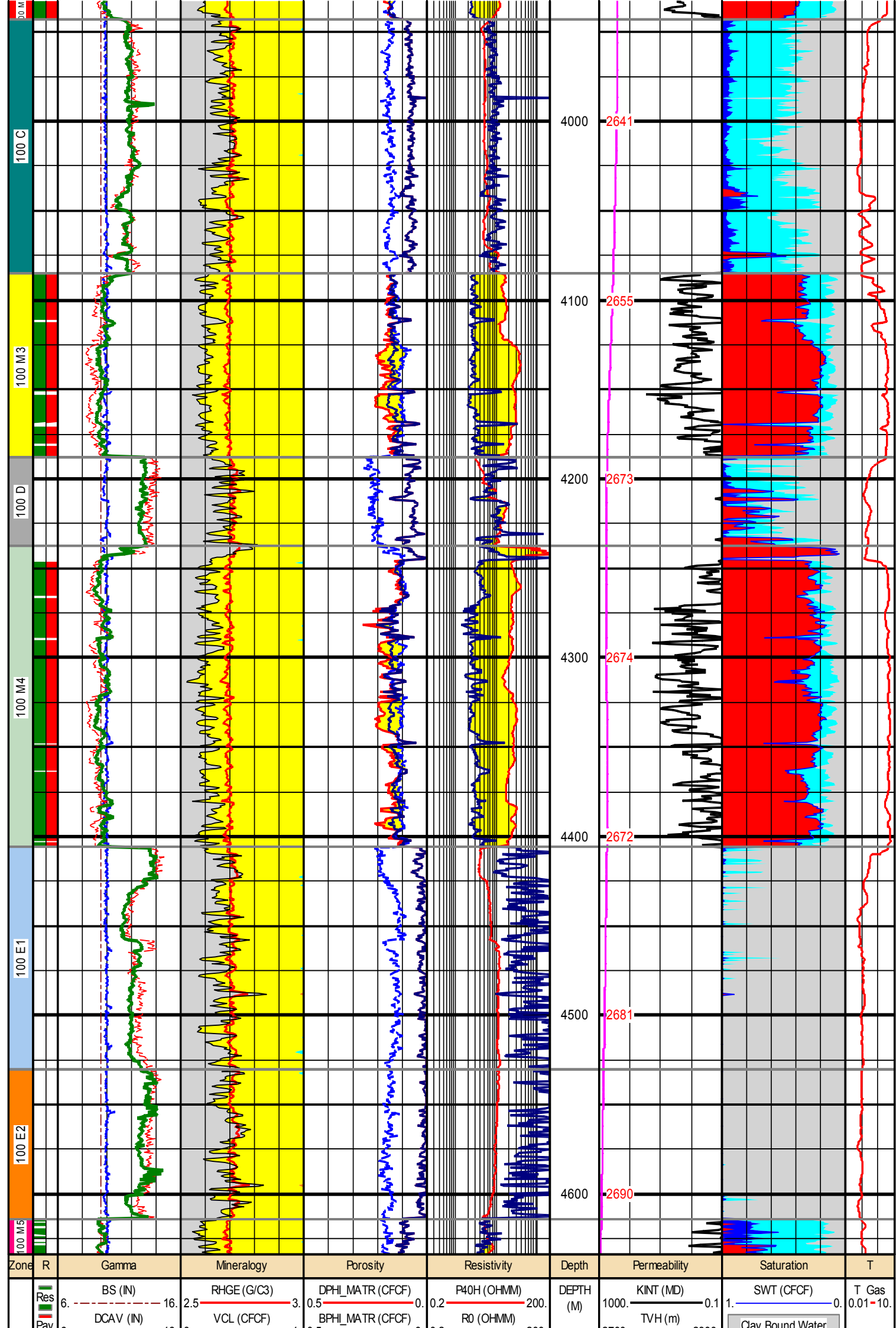
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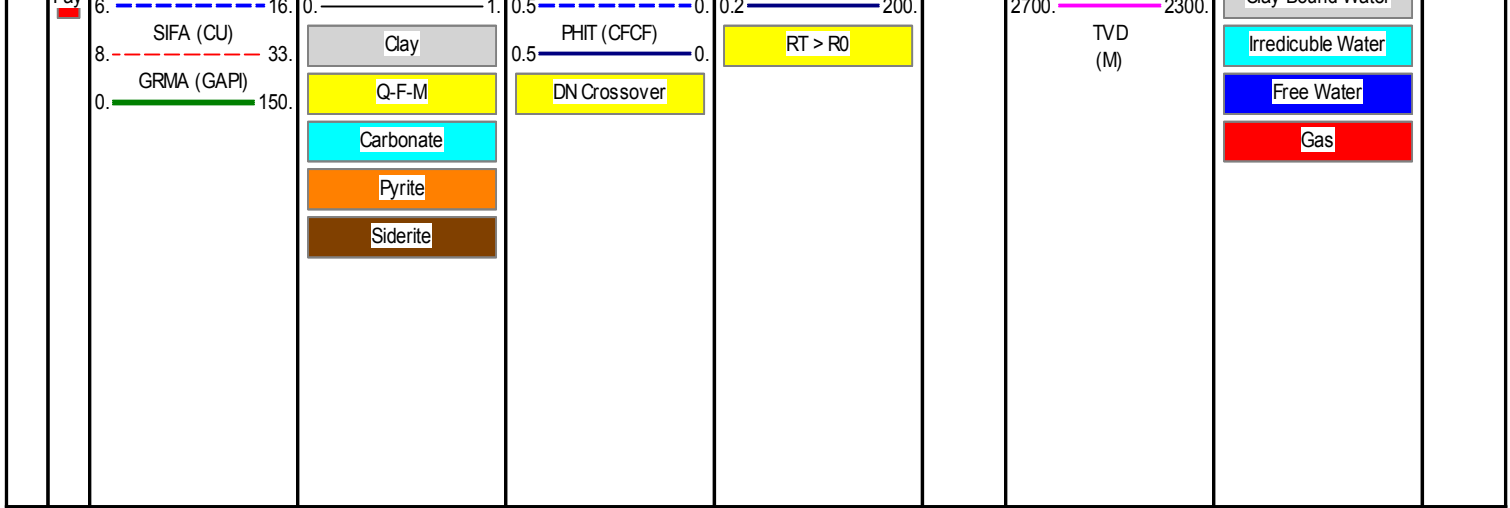
Longtom 4H

DB : Nexus (14) DEPTH (2590.75M - 4633.83M) 13/08/2008 16:36









Company	Nexus Energy Ltd	
Well Name	Longtom 4H	
Field	Longtom	
Country	Australia	State Victoria
Location	Bass Strait	

Longtom 4H Ecoview 13-Aug-2008