



Longtom 4P Ecoview 13-Aug-2008

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

Permanent Datum LAT Elevation 0m Elevation: K.B. 41.1m
 Log Measured fro Rotary Table 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 2979.5m Rmf Rmf Mea
 Top Log Interval 2591.0m 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	125.394	2.77	0.68	2586.69
3	300 A	2632.00	2682.50	50.50	0.00	0.000	---	---	---	---	---	---	---
4	200 M1	2682.50	2765.50	83.00	82.24	0.991	0.155	0.472	0.266	6.325	12.72	6.71	520.14
5	200 A	2765.50	2820.50	55.00	0.00	0.000	---	---	---	---	---	---	---
6	100 M1	2820.50	2849.50	29.00	22.75	0.785	0.160	0.349	0.336	2.211	3.65	2.37	50.29
7	100 A	2849.50	2957.00	107.50	0.00	0.000	---	---	---	---	---	---	---
8	50 M1	2957.00	2968.00	11.00	8.84	0.804	0.168	0.461	0.163	10.345	1.49	0.80	91.45
9	Volcanics	2968.00	2979.50	11.50	0.00	0.000	---	---	---	---	---	---	---
All Zones		2591.00	2979.50	388.50	134.46	0.346	0.153	0.487	0.249	24.161	20.62	10.57	3248.57

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	2765.50	83.00	73.15	0.881	0.159	0.445	0.256	7.100	11.66	6.47	519.39
5	200 A	2765.50	2820.50	55.00	0.00	0.000	---	---	---	---	---	---	---
6	100 M1	2820.50	2849.50	29.00	22.71	0.783	0.160	0.348	0.336	2.215	3.64	2.37	50.29
7	100 A	2849.50	2957.00	107.50	0.00	0.000	---	---	---	---	---	---	---
8	50 M1	2957.00	2968.00	11.00	8.84	0.804	0.168	0.461	0.163	10.345	1.49	0.80	91.45
9	Volcanics	2968.00	2979.50	11.50	0.00	0.000	---	---	---	---	---	---	---
All Zones		2591.00	2979.50	388.50	104.70	0.269	0.160	0.426	0.266	6.315	16.79	9.64	661.13

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	2765.50	0.	>= 0.08		<= 0.5	>= 0.01
5	200 A	2765.50	2820.50	0.	>= 0.08		<= 0.5	>= 100.
6	100 M1	2820.50	2849.50	0.	>= 0.08		<= 0.5	>= 0.01
7	100 A	2849.50	2957.00	0.	>= 0.08		<= 0.5	>= 100.
8	50 M1	2957.00	2968.00	0.	>= 0.08		<= 0.5	>= 0.01
9	Volcanics	2968.00	2979.50	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	2765.50	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01

4	200 Ml	2662.50	2703.50	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01
5	200 A	2765.50	2820.50	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
6	100 Ml	2820.50	2849.50	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01
7	100 A	2849.50	2957.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 100.
8	50 Ml	2957.00	2968.00	0.	>= 0.08	<= 0.7	<= 0.5	>= 0.01
9	Volcanics	2968.00	2979.50	0.	>= 0.08	<= 0.7	<= 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
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-Smits
 - Formation Water Salinity = 30 ppk
 - Clay CEC = 0.1
5. Data Spliced from following LWD Runs
 - Run 5 : 2591m - 2828.5m
 - Run 6 : 2828.5m - 2979.5m

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 Formation Resistivity
KINT	: Intrinsic Permeability
TVD	: True vertical depth index
TVH	: True vertical depth curve
SWB	: Bound Water Saturation
SWI	: Water Saturation
SWT	: Total Water Saturation

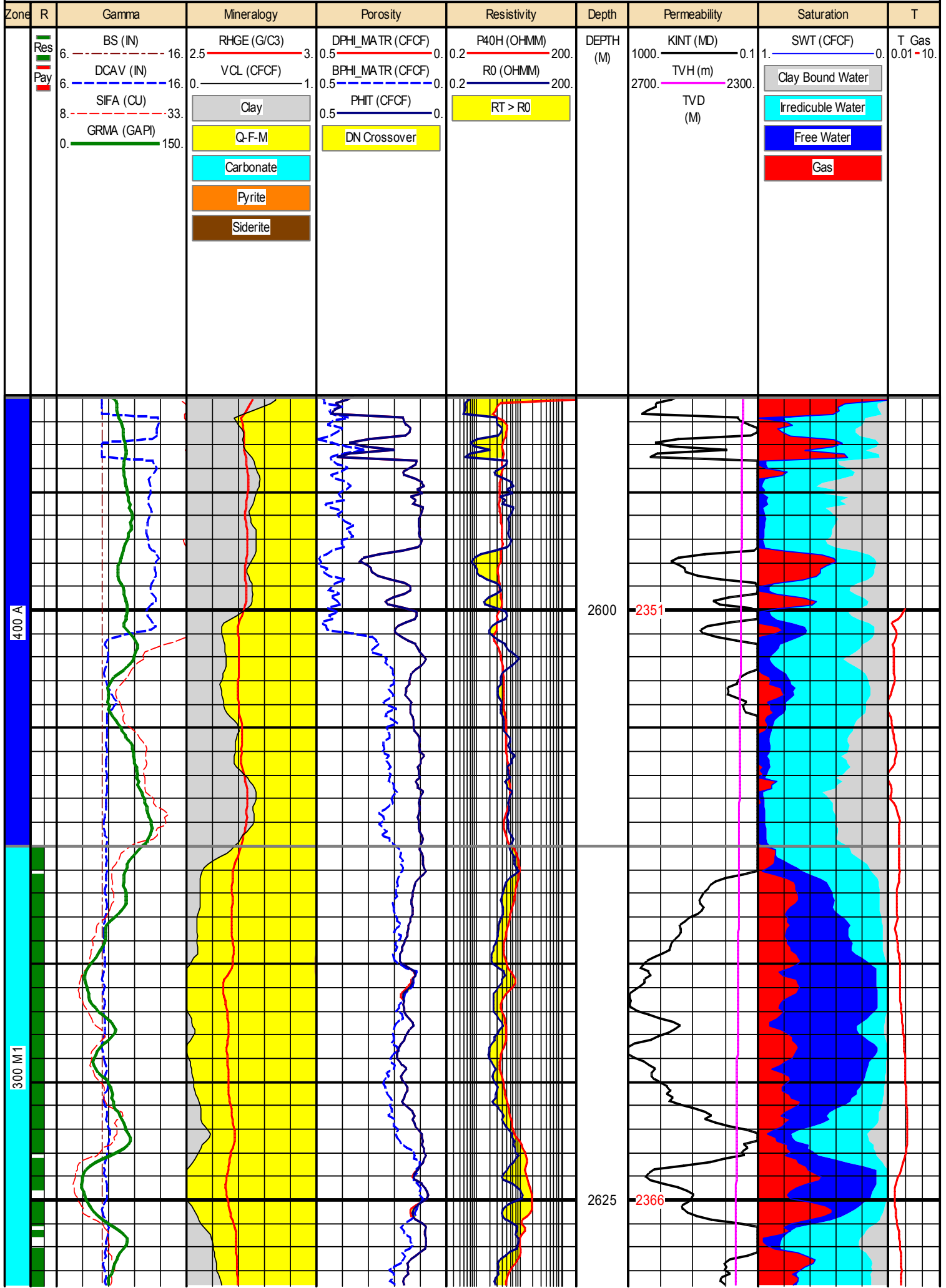
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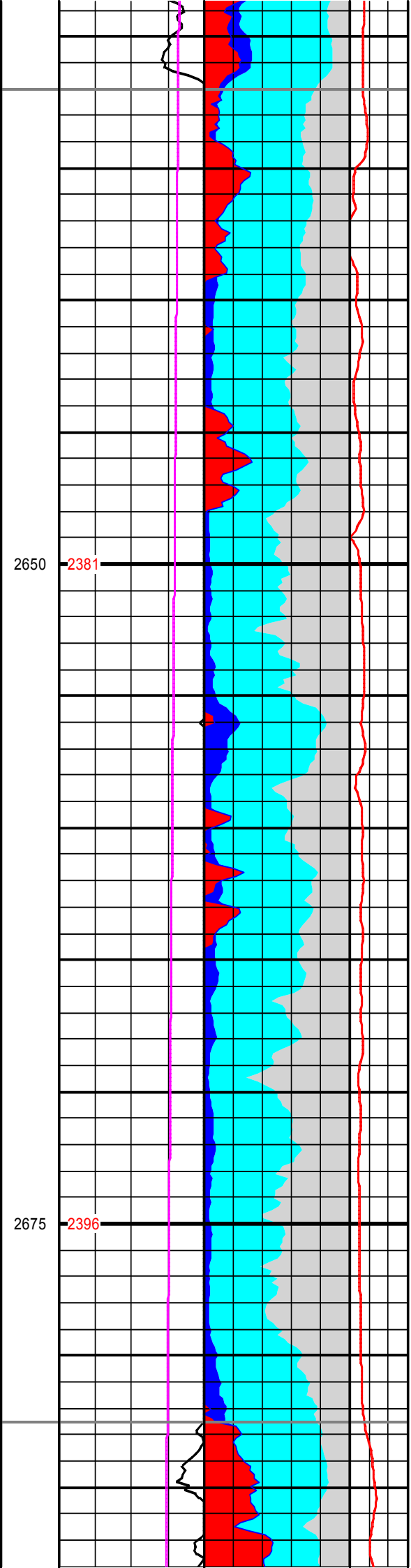
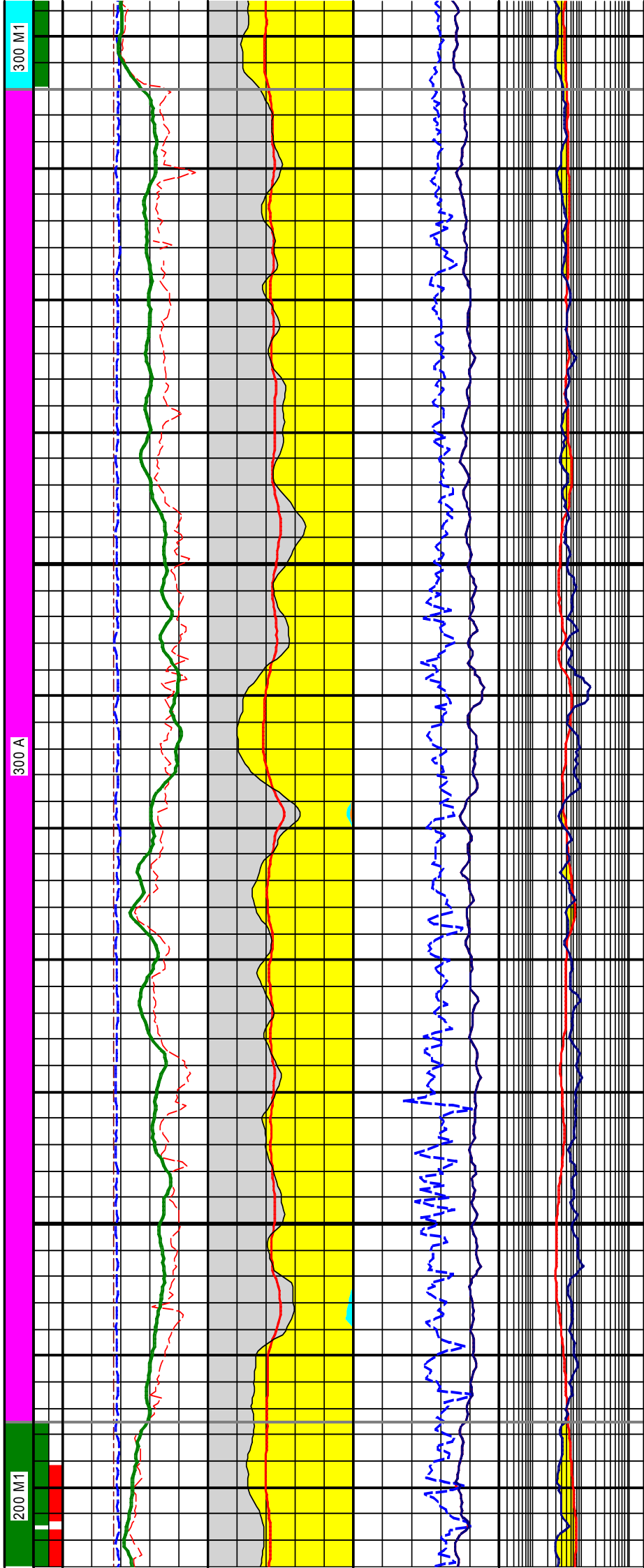
Longtom 4P

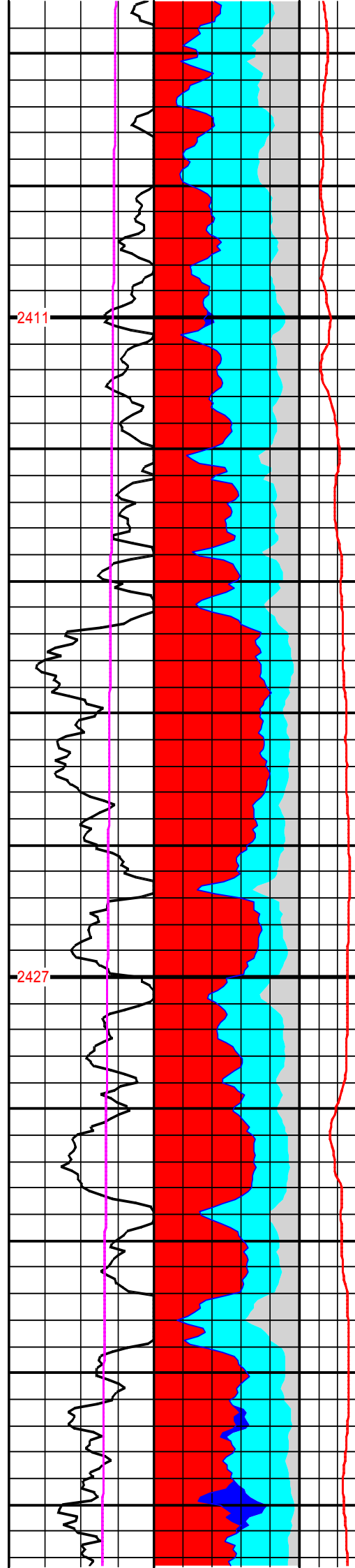
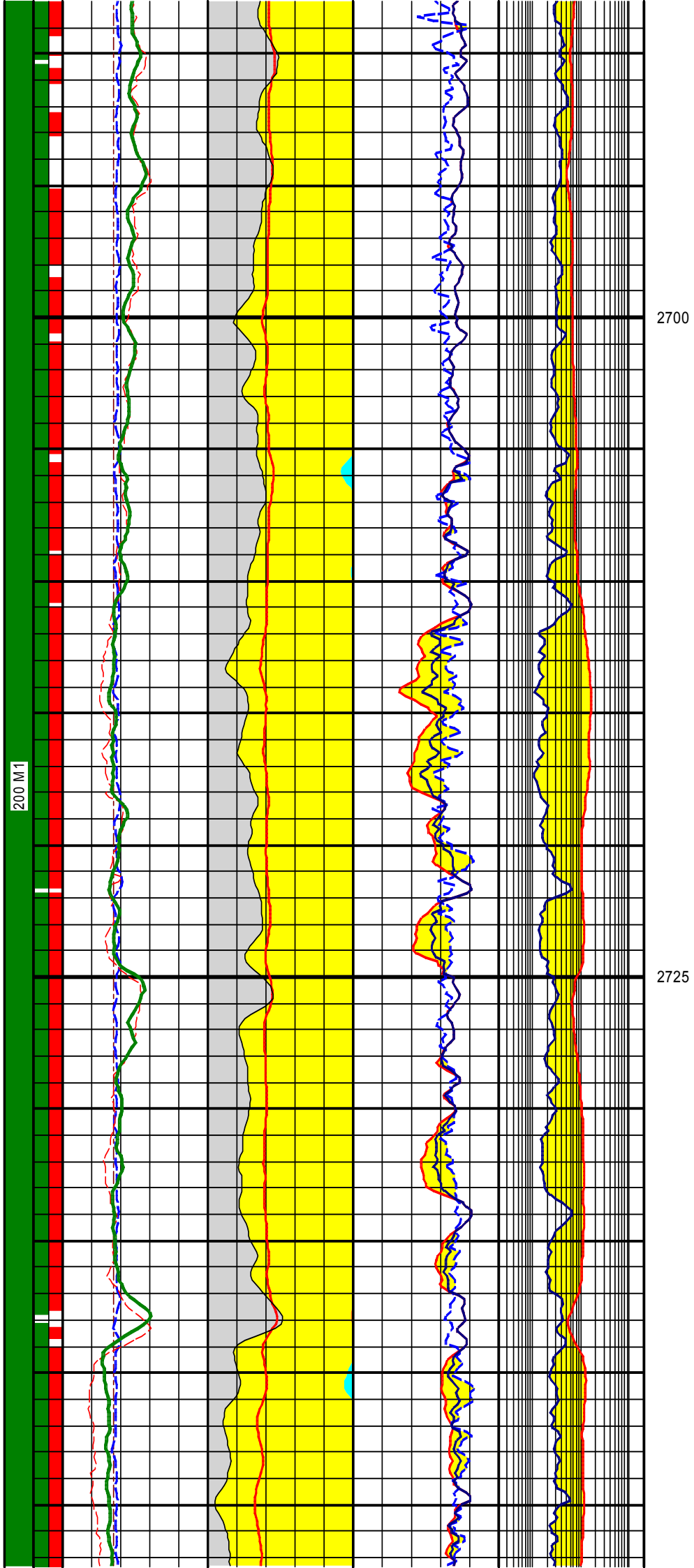
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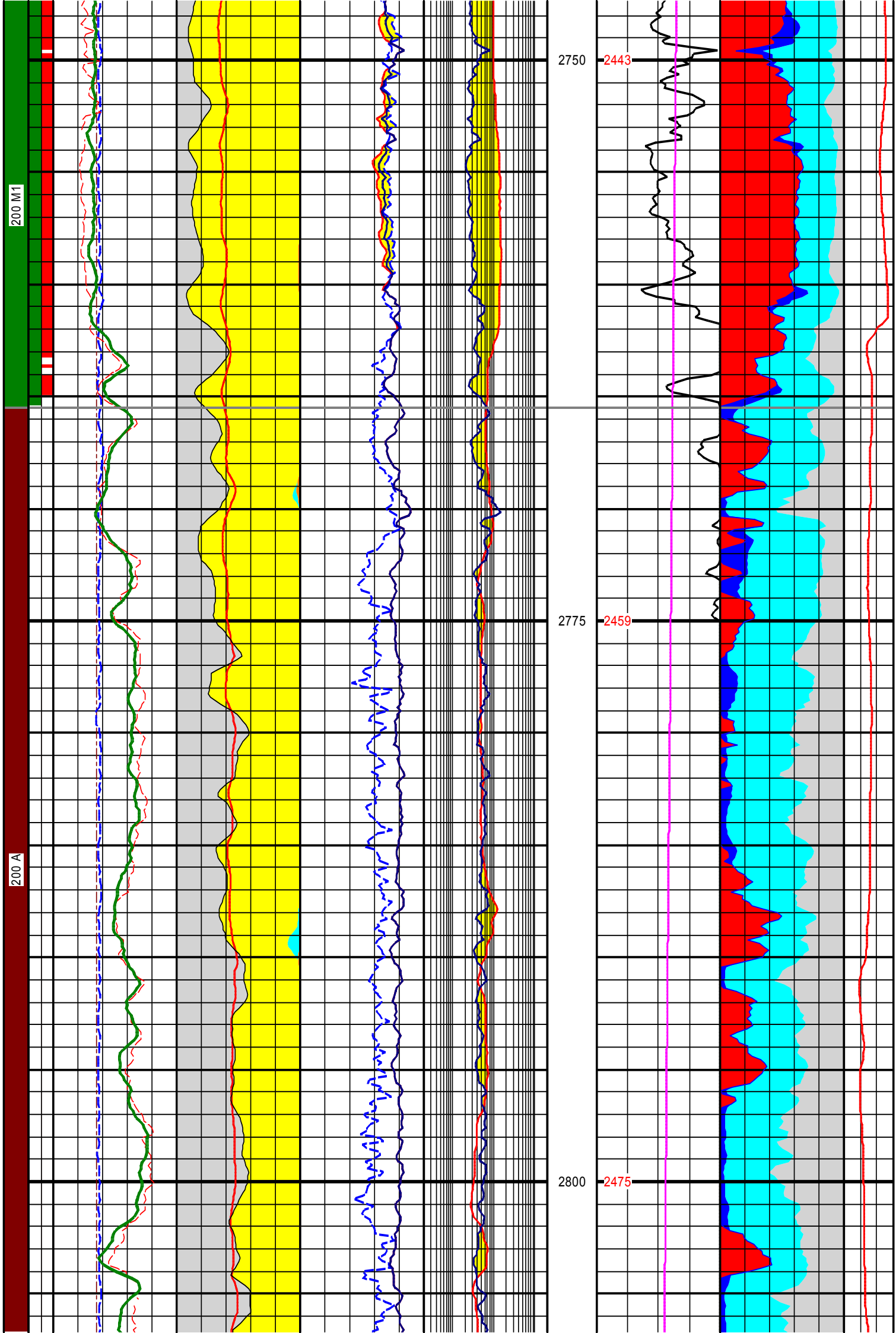
DEPTH (2590.95M - 2979.57M)

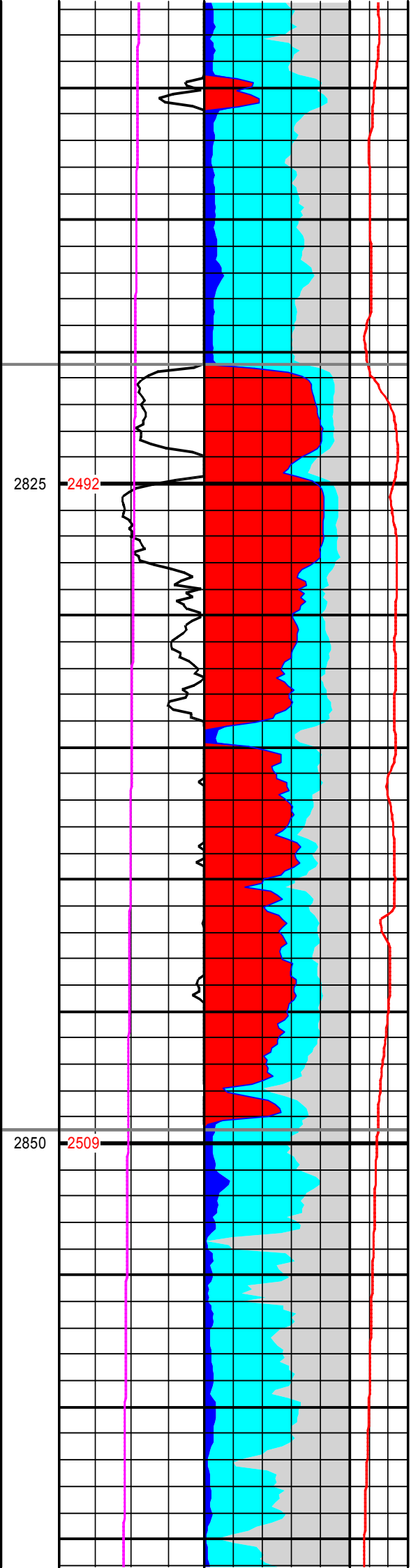
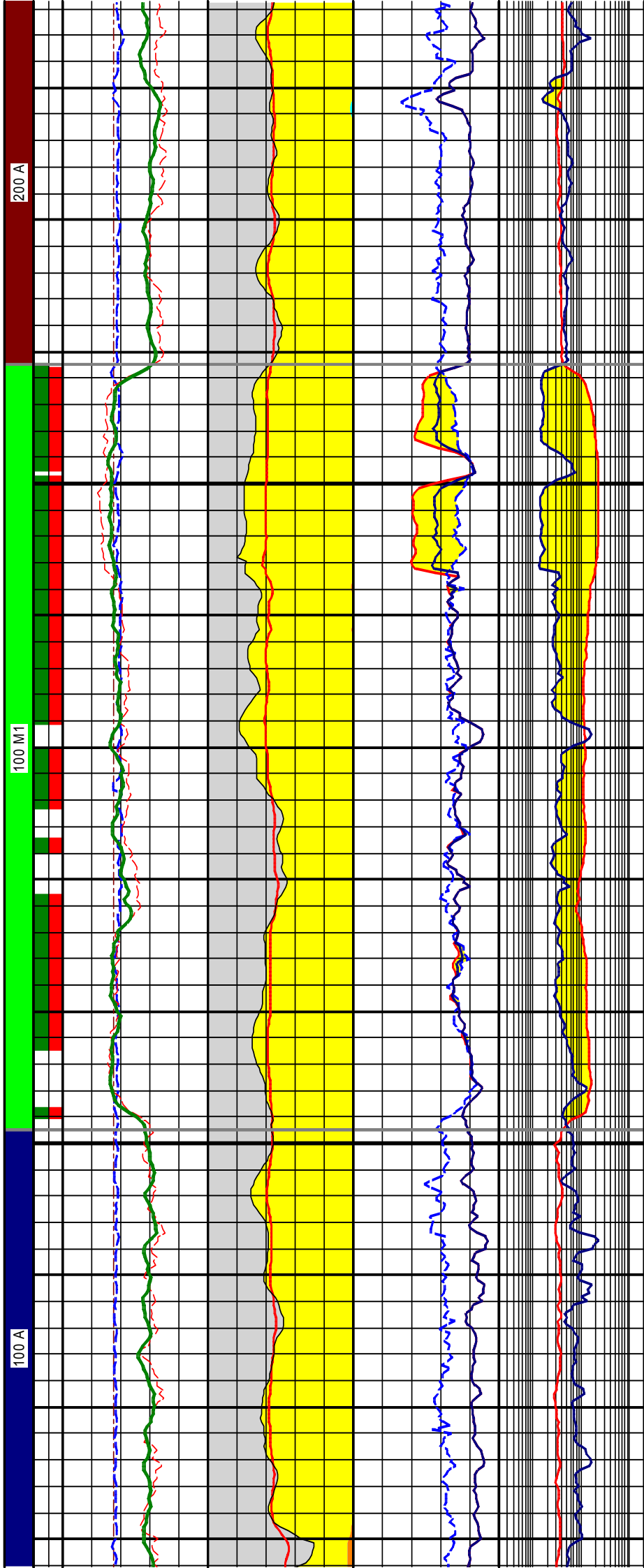
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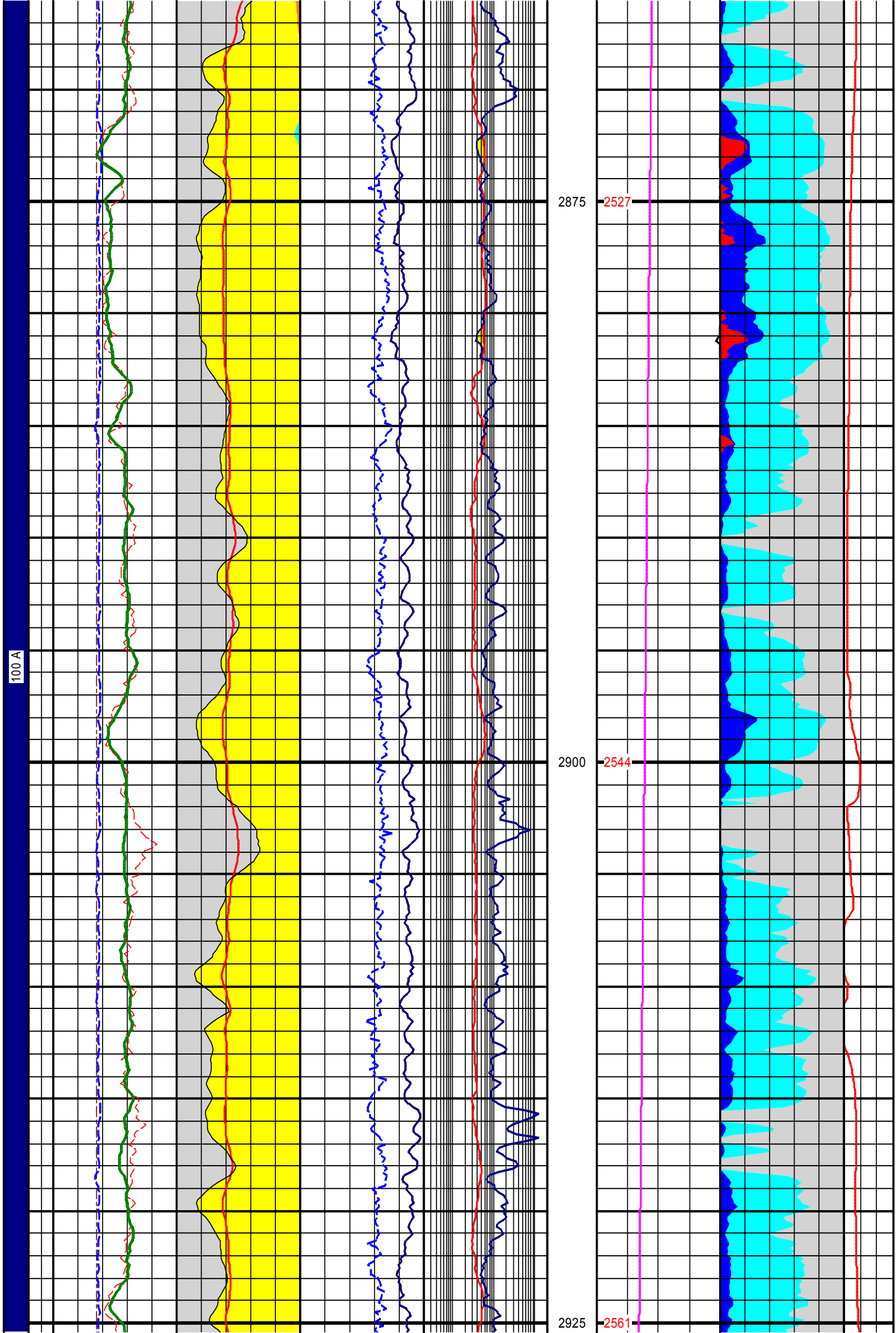


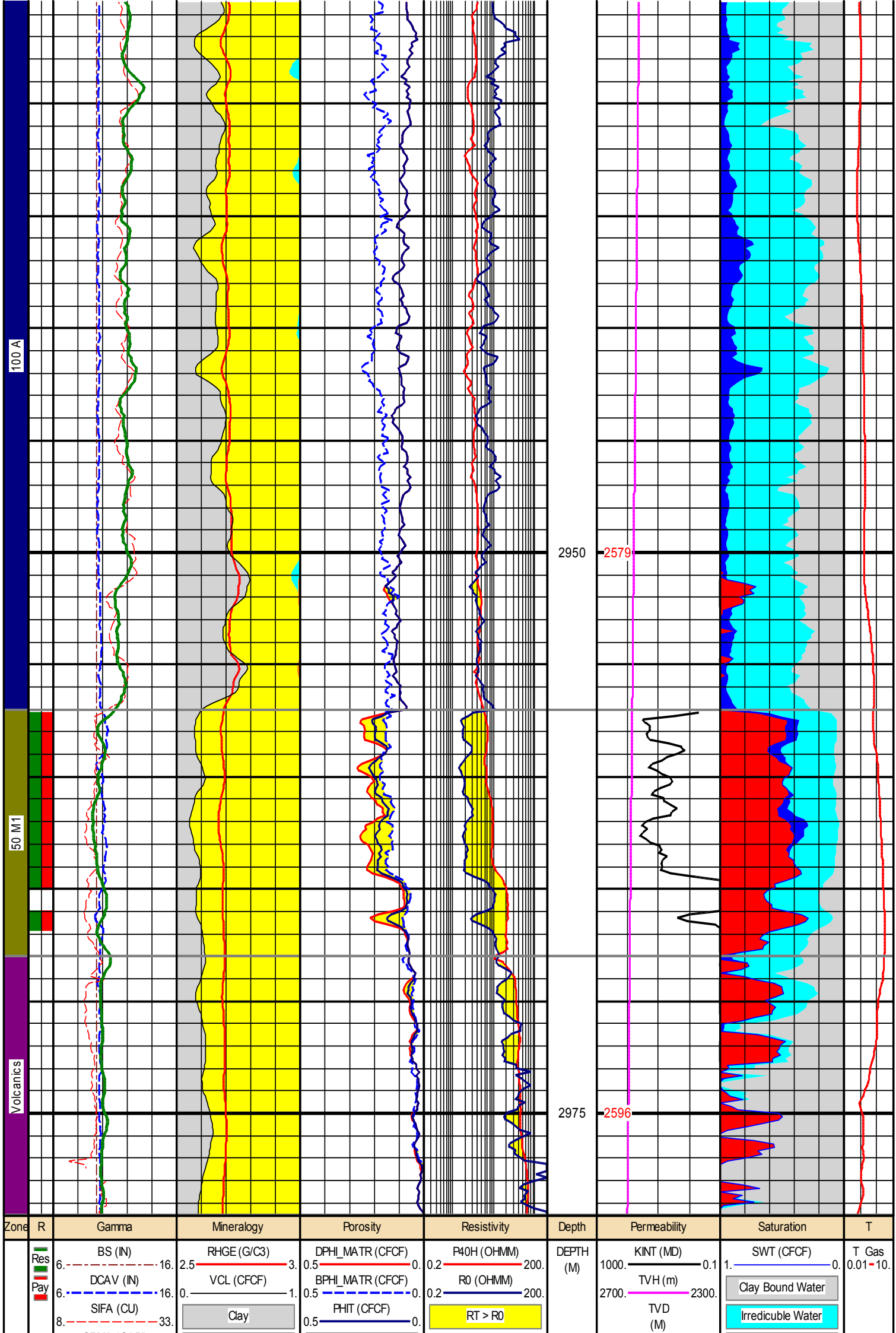


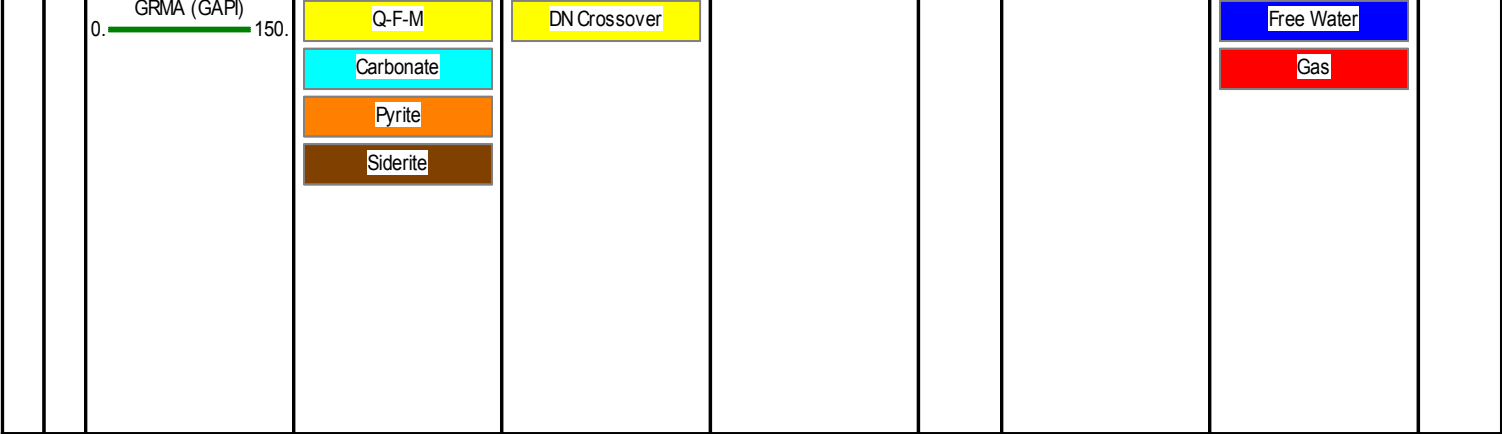












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Location Bass Strait

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Scale : 1 : 500

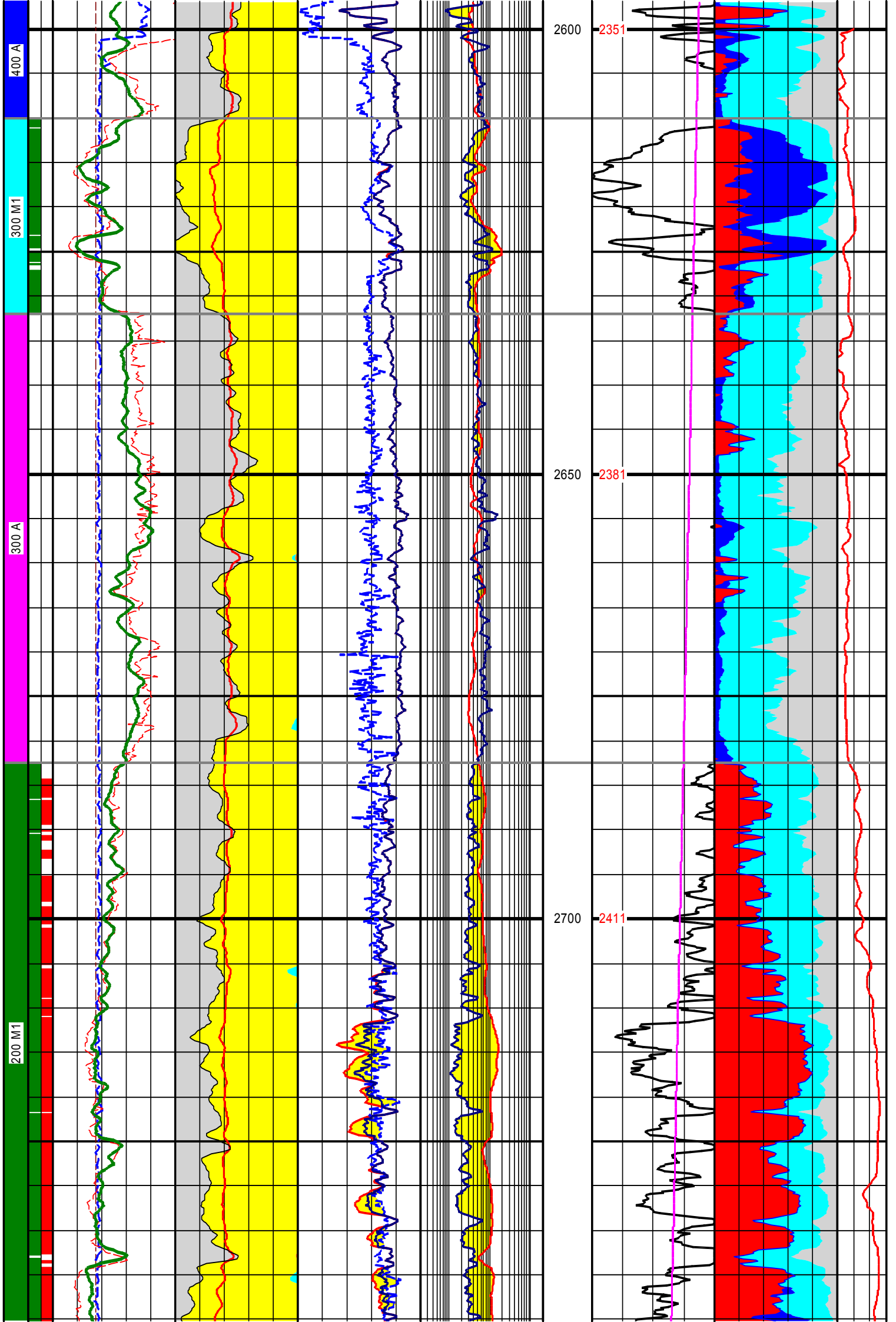
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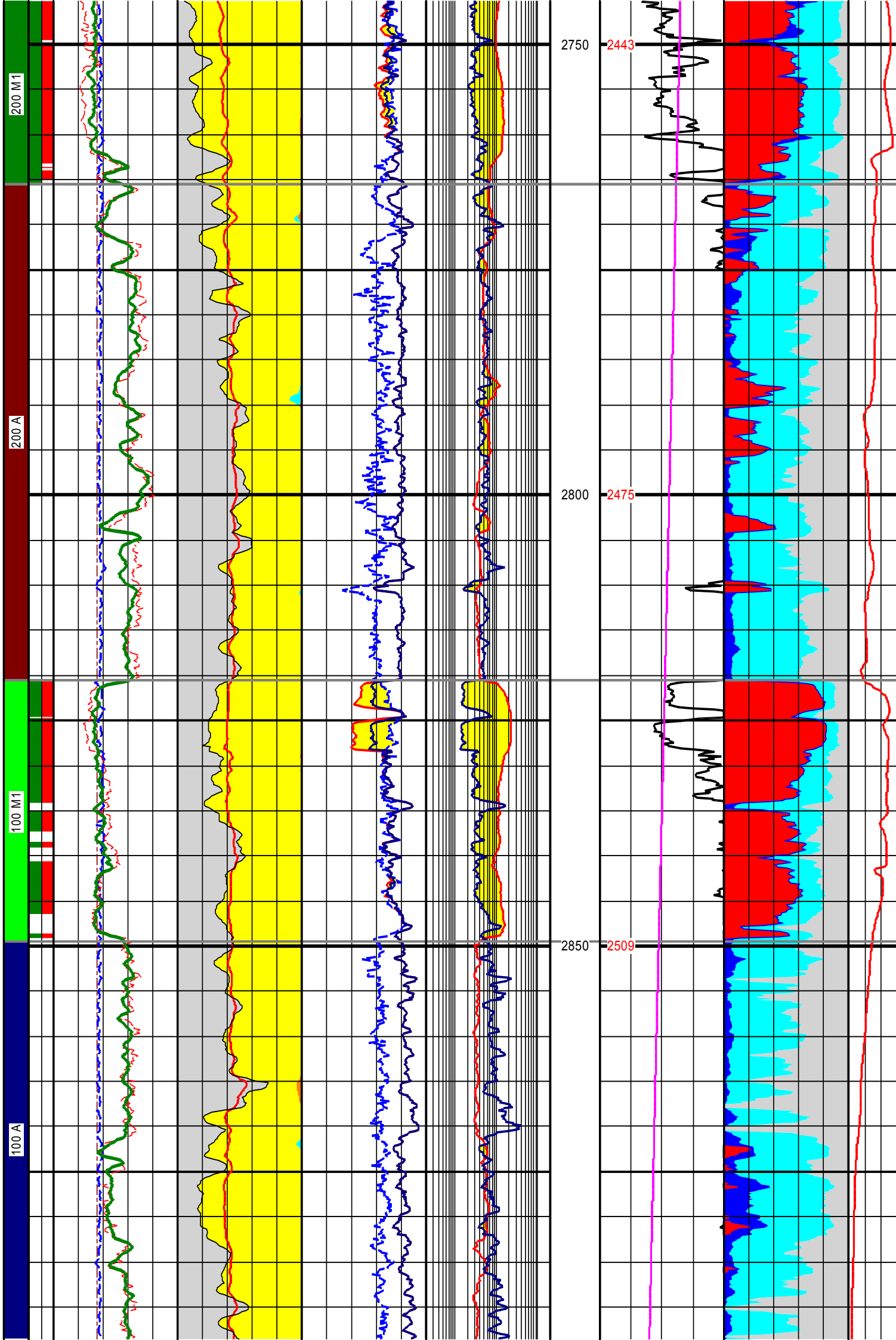
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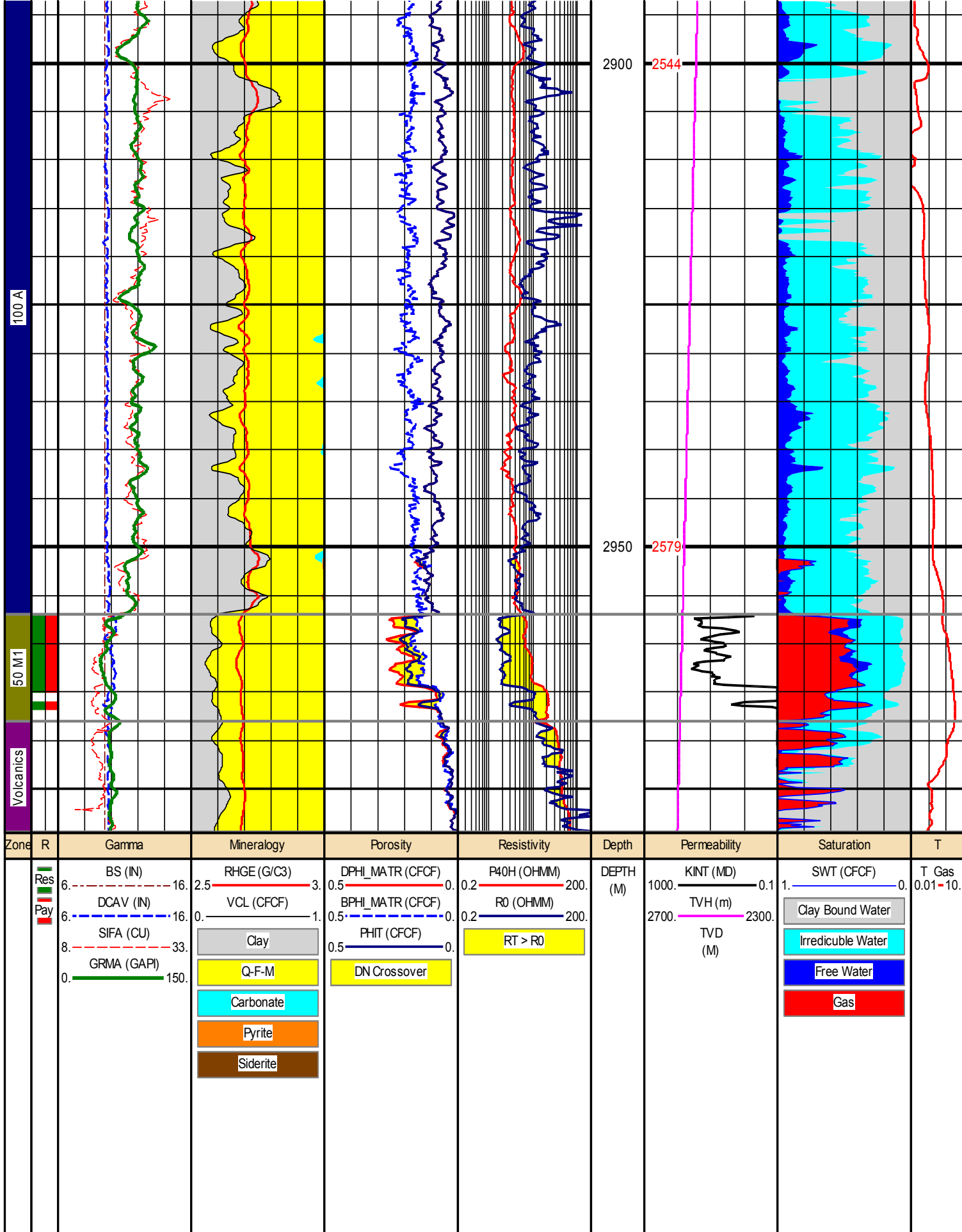
DEPTH (2590.95M - 2979.57M)

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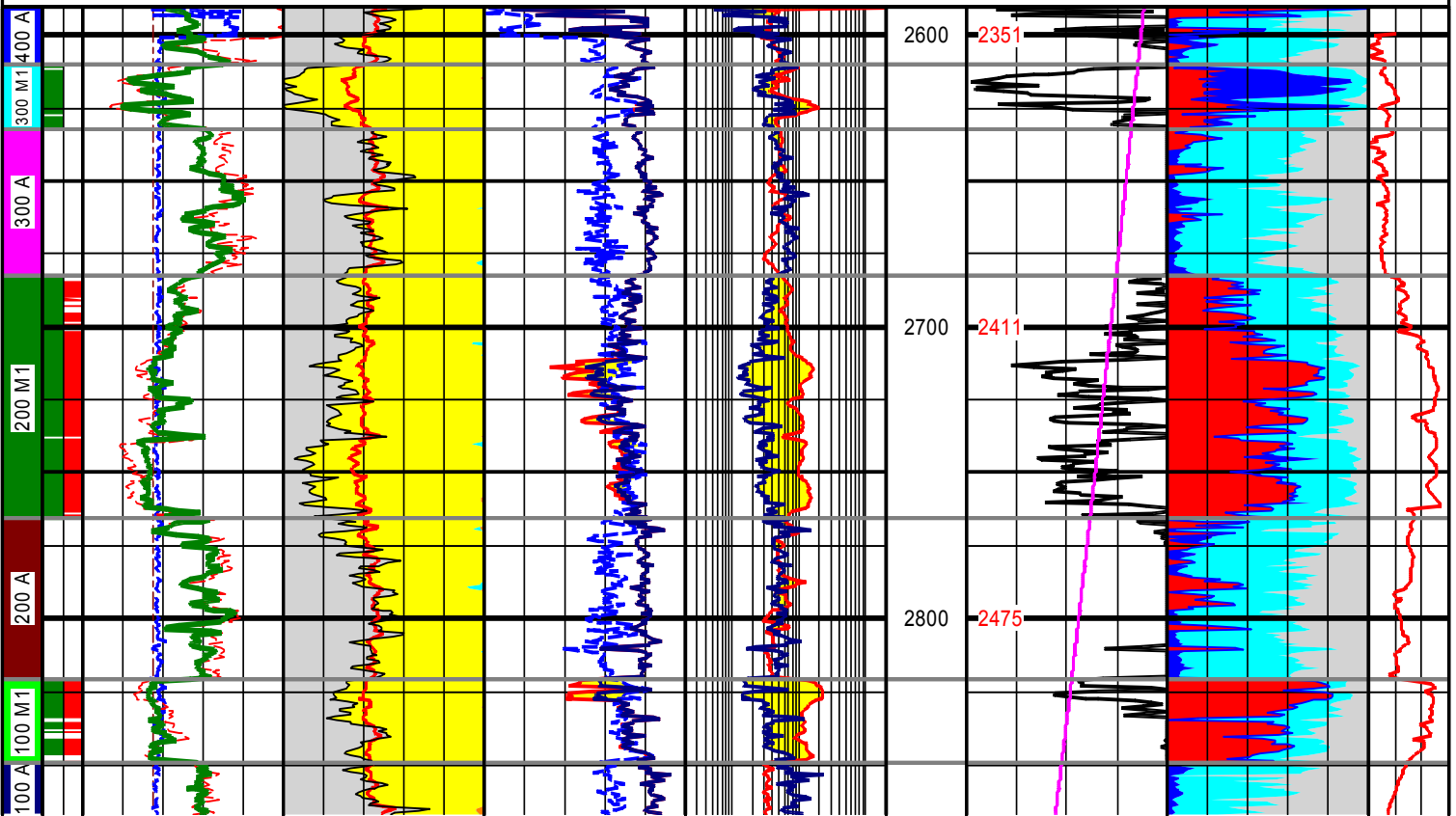
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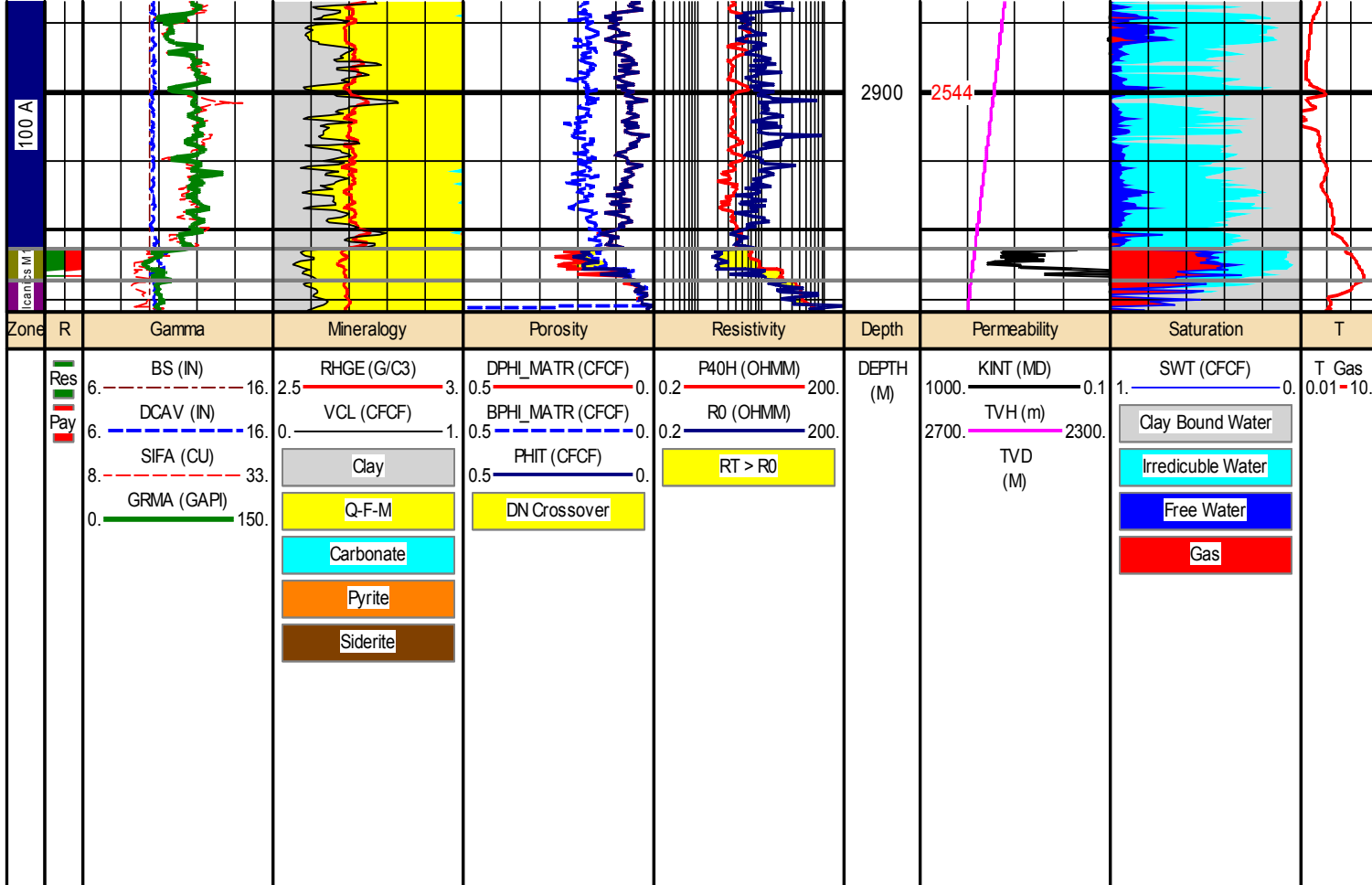
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DEPTH (2590.95M - 2979.57M)

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