

**HALLIBURTON**

**CAST-M  
ADVANCED CEMENT  
EVALUATION**

**COMPANY** CHEVRON  
**WELL** SOUTHERN UTE 5-7  
**FIELD** IGNACIO BLANCO  
**COUNTY** LA PLATA  
**STATE** CO

**Location:** SHL:1384'FSL & 0995'FWL

**Elevations:** K.B.: 6815' R.T.: 6814' G.L.: 6800'

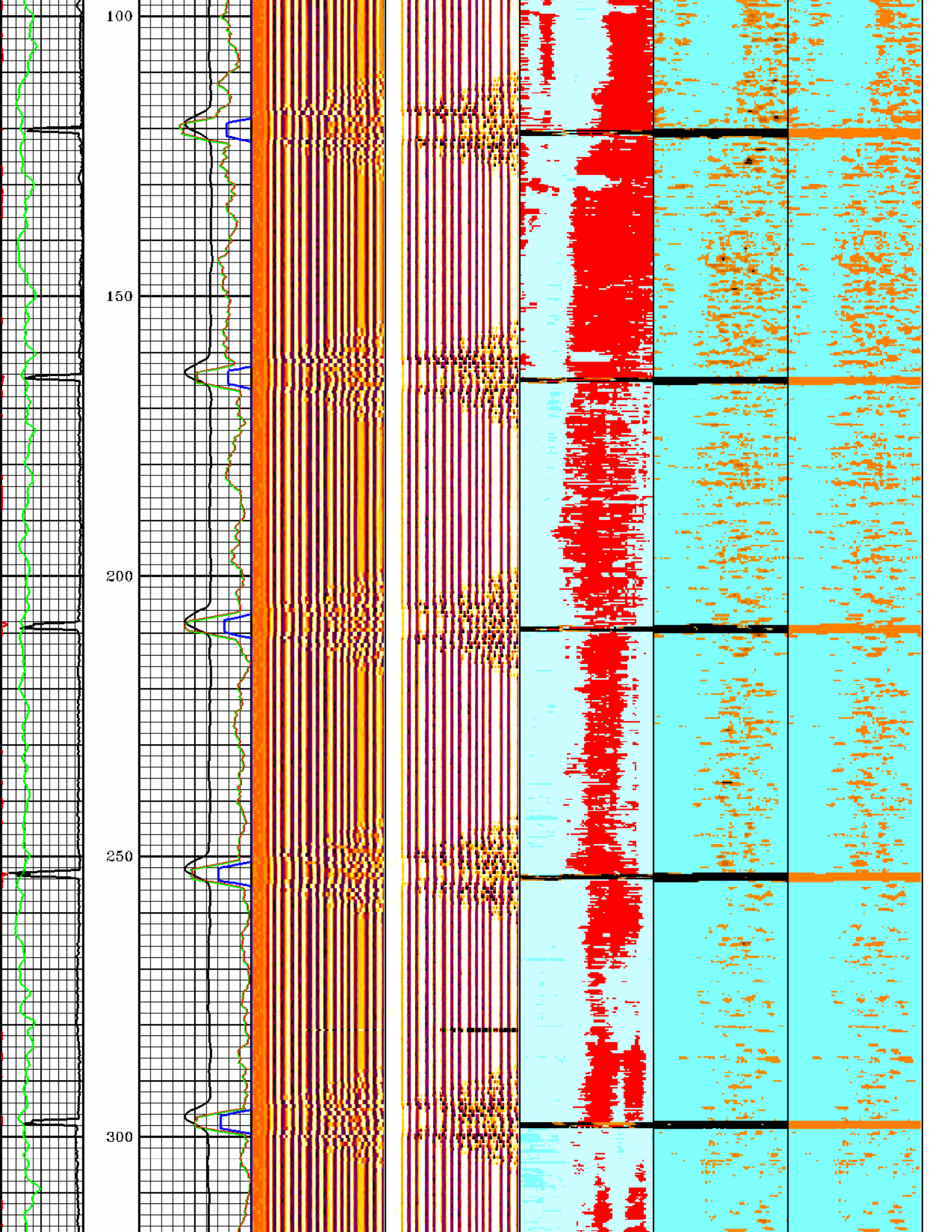
Date Processed	07/02/2012	Logs Processed	ACE
Job Number	N/A	Date Logged	07/02/2012
Interval Processed	35'-2630'	Type Fluid In Hole	WBM
Processed By	ADAM BOBAY	Location	GJ
Processed At	DENVER FRS		

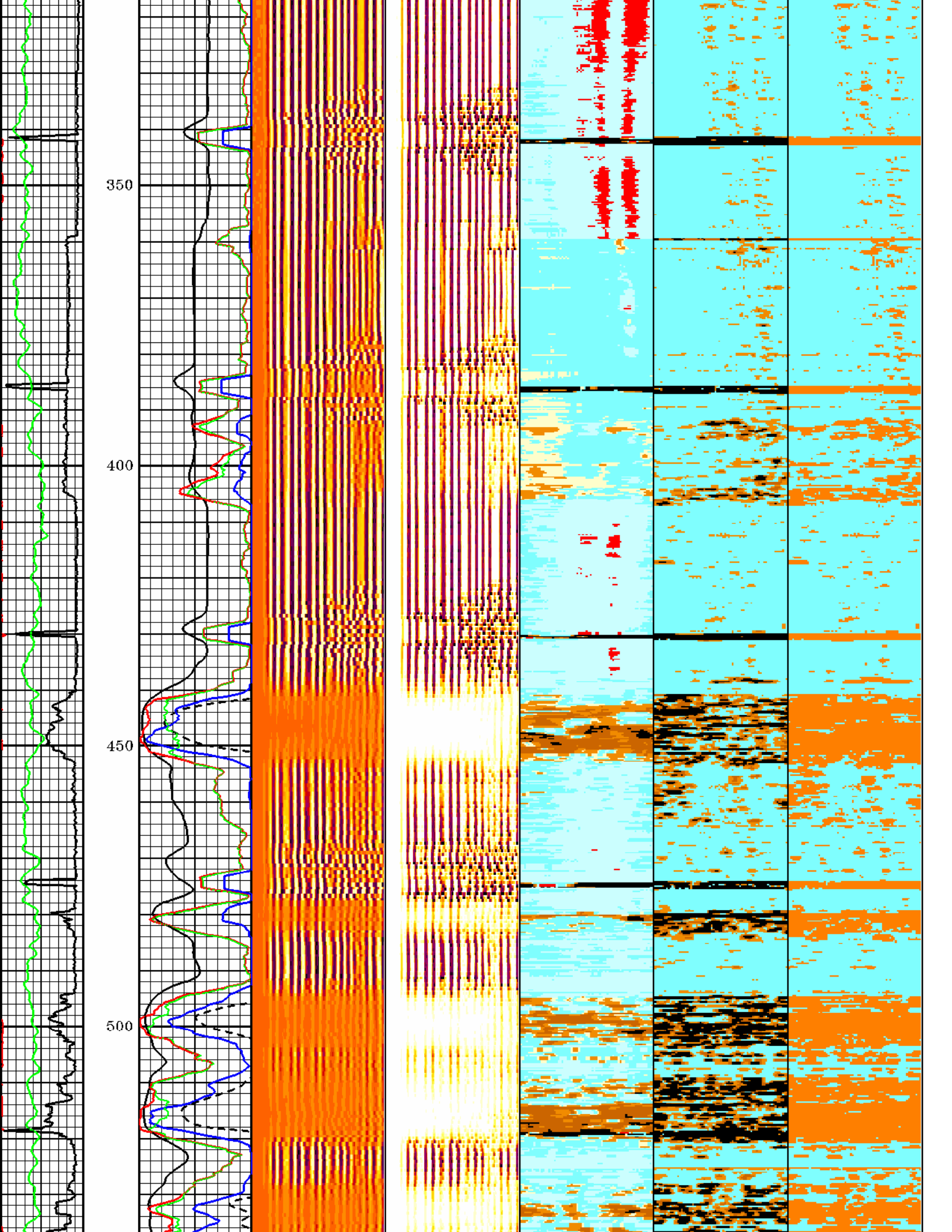
--- COMPUTER PROCESSED PRODUCT ---

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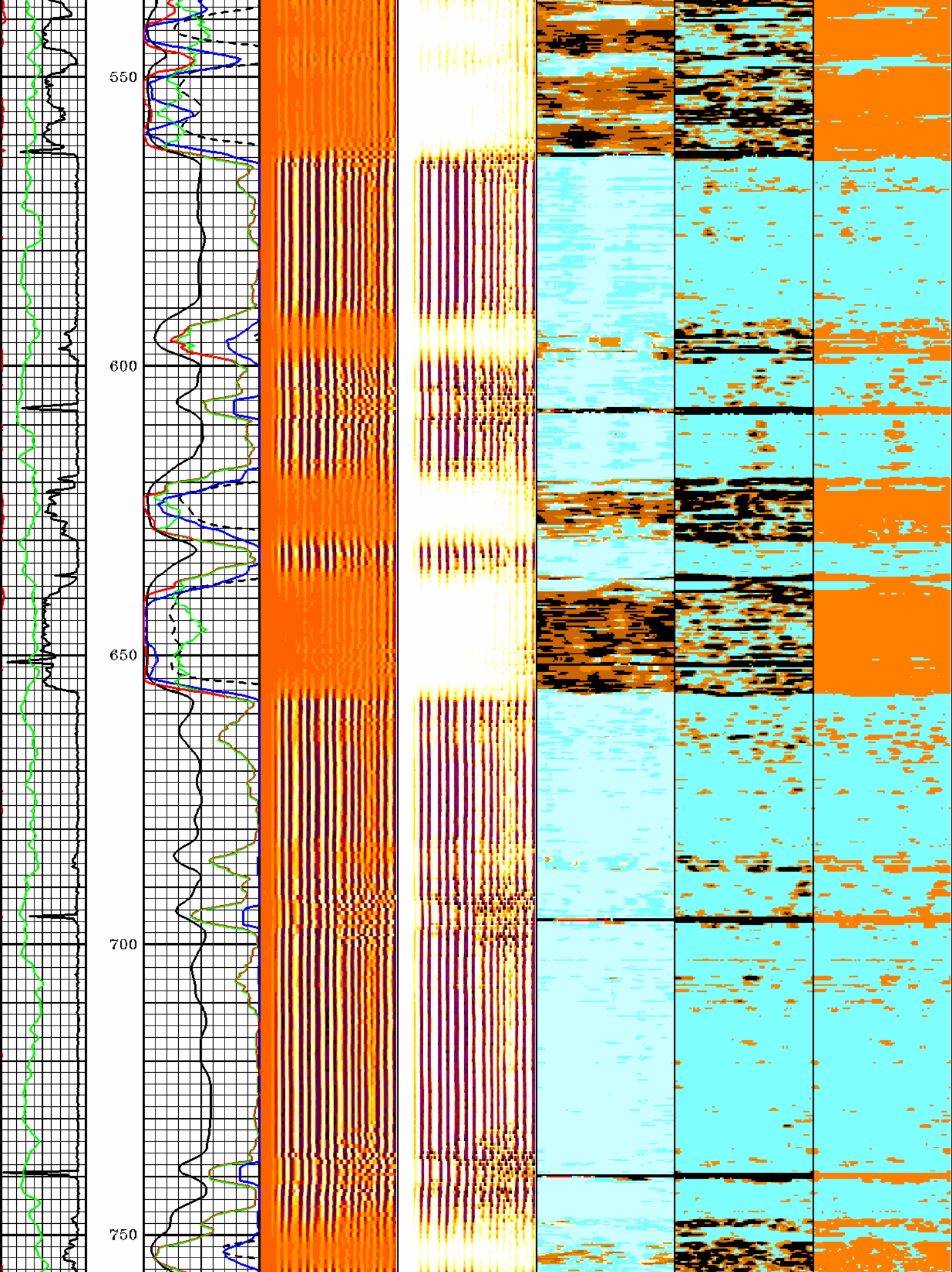
Service Ticket No.: 9628658		API Serial No.: 05067084830000		PGM Version: XL v5.1	
DIRECTIONAL INFORMATION					
Maximum Deviation		deg. @		KOP	
Remarks:					
THIS IS THE PRIMARY DEPTH REFERENCE FOR THIS WELL.					
EXISTING HALLIBURTON DENSITY-NEUTRON LOG DATED: 5-28-01 STOPS AT 2780'.					
CAST-M - CBL-M - GR RAN IN COMBINATION					
LOGGED IN 7", 23# CASING, LOGGED INTERVALS PER CUSTOMER REQUEST					
BAKER RBP SET AT 2676'					
THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES.					
<p>HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.</p> <p>HALLIBURTON</p>					

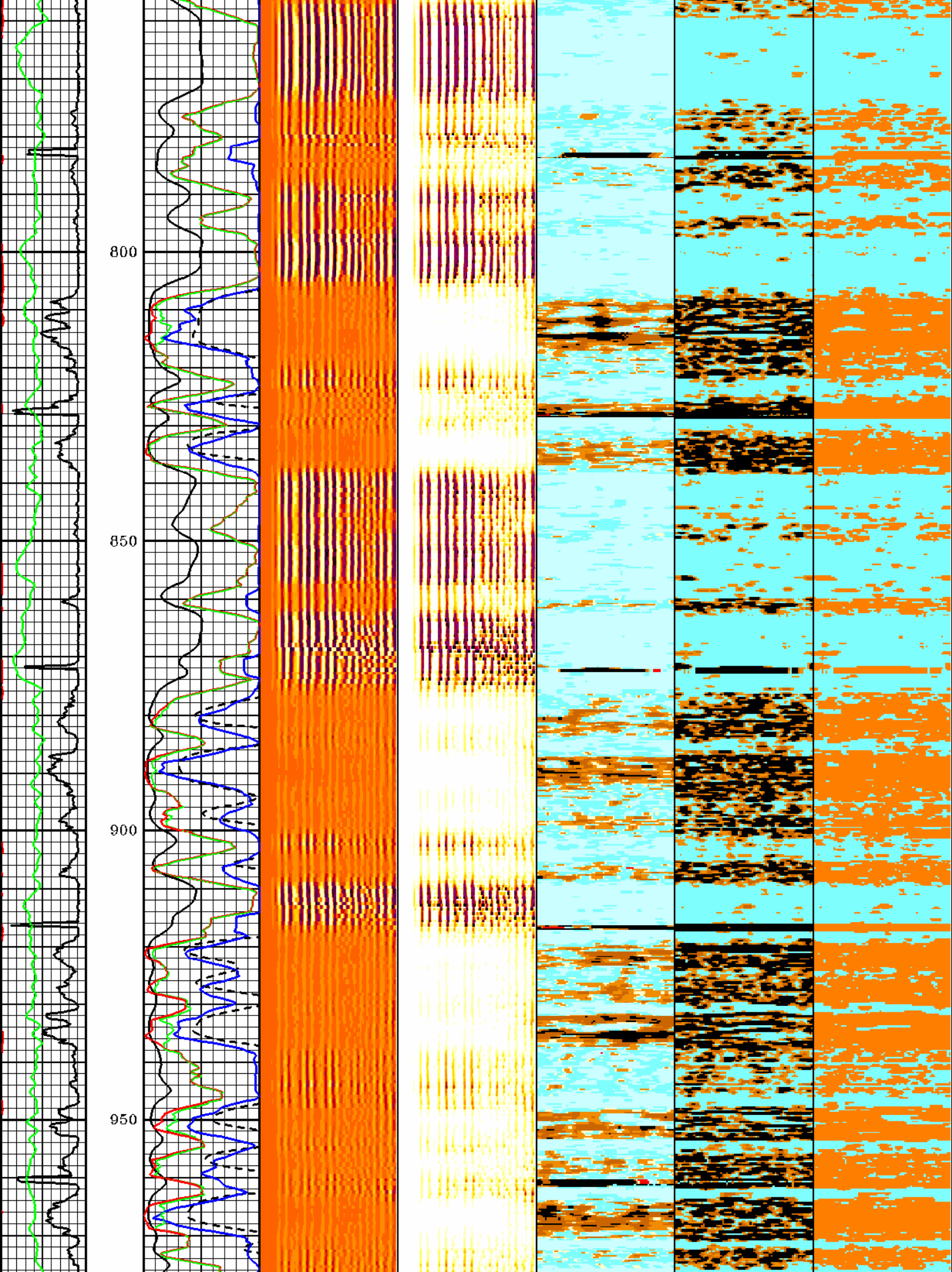


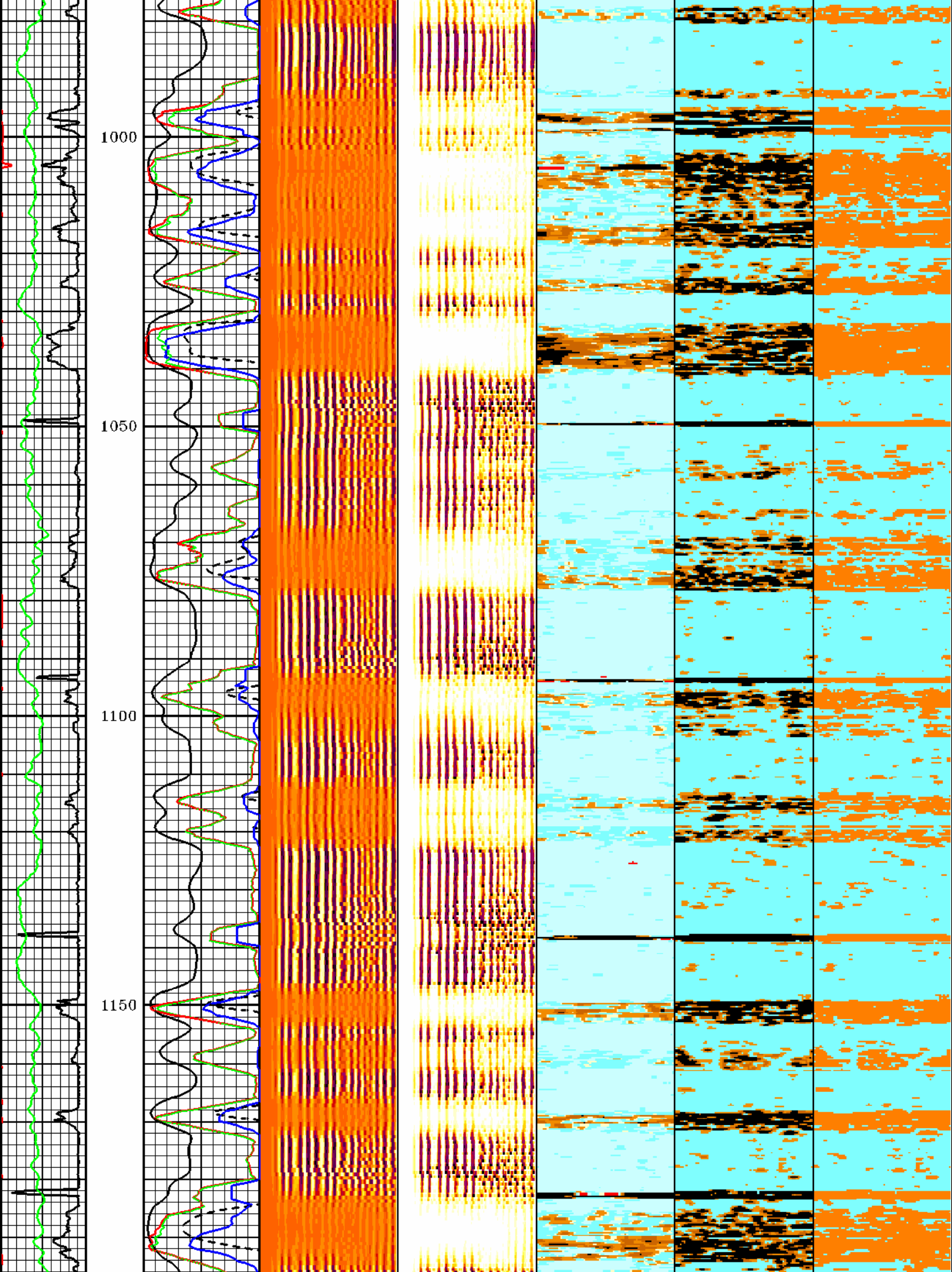




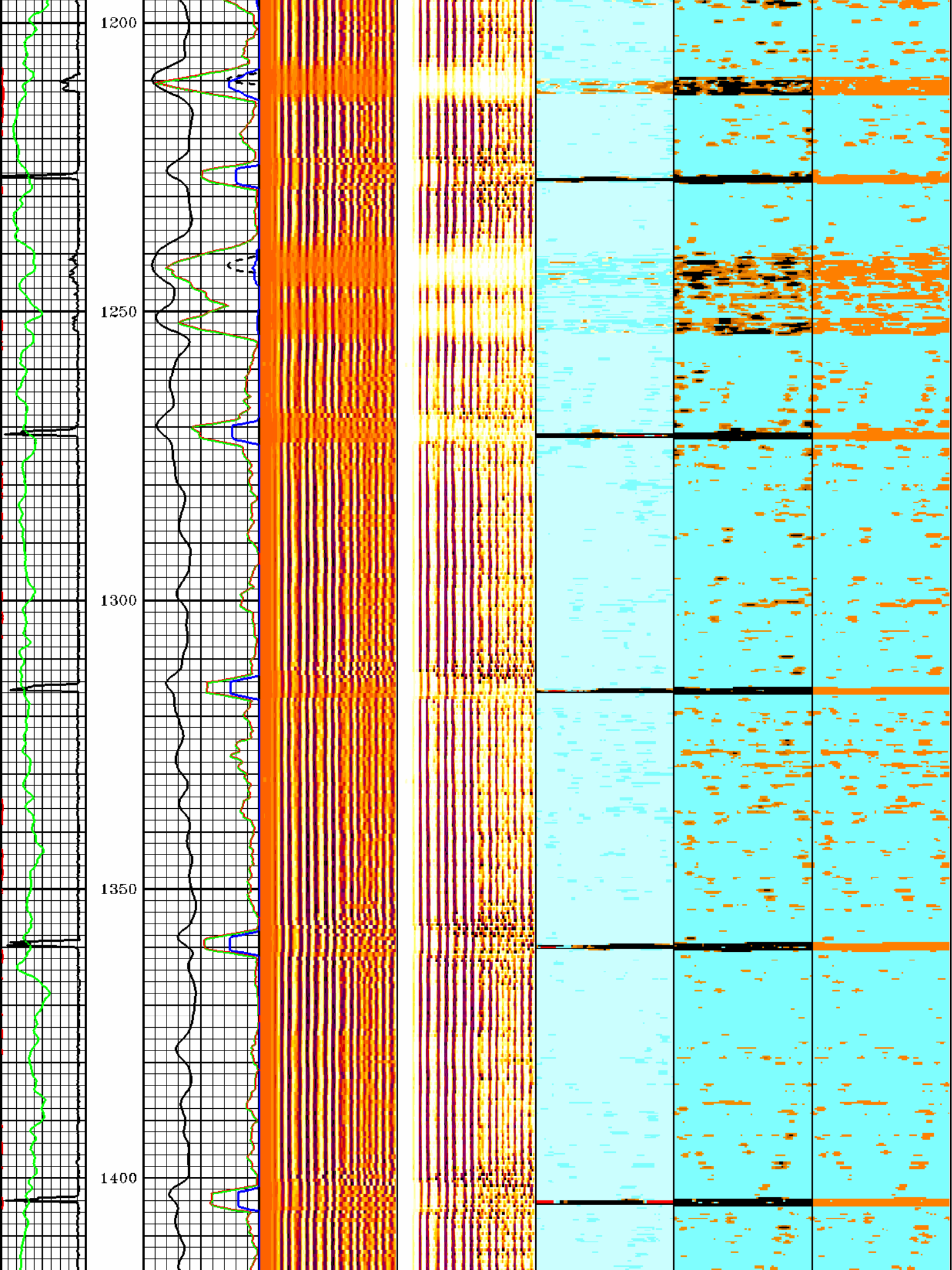




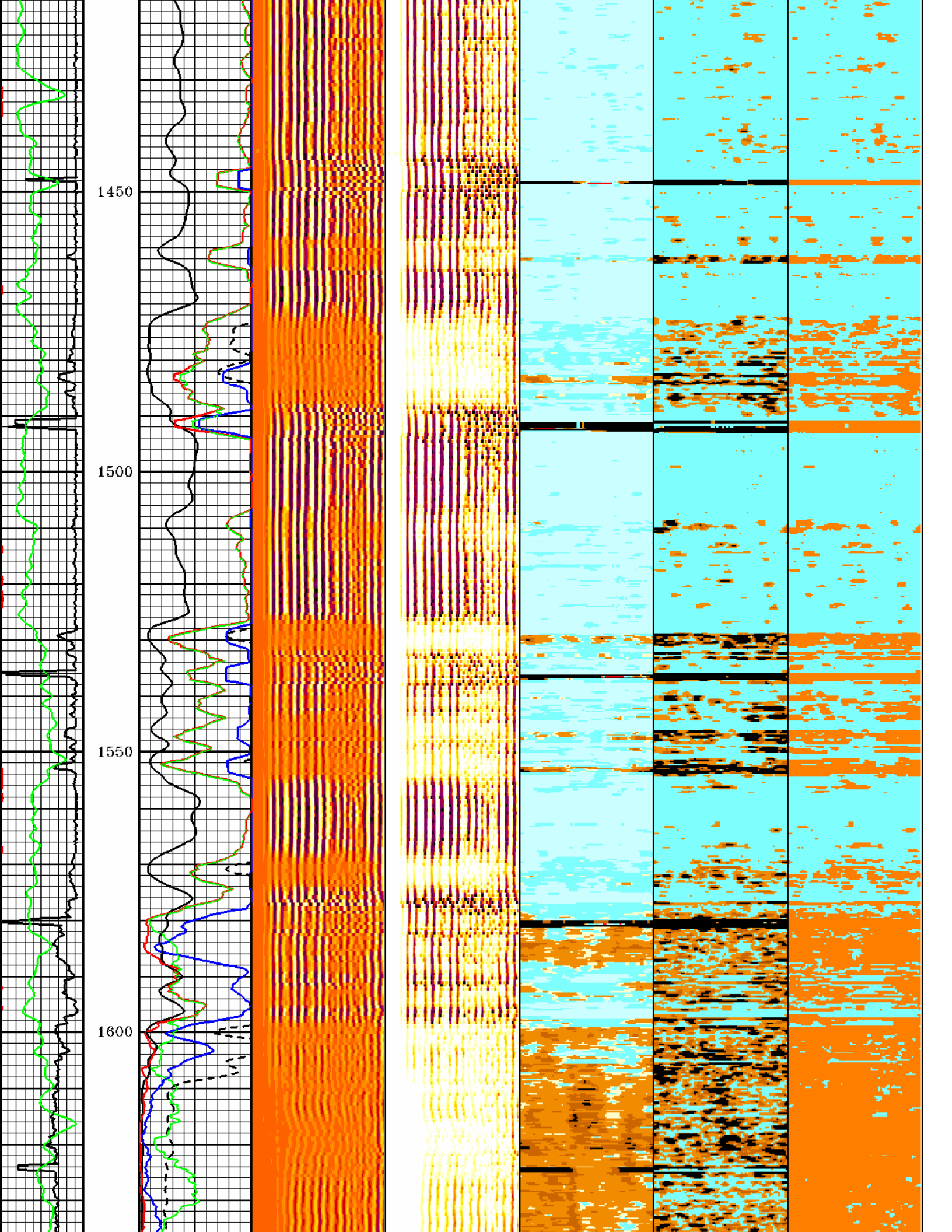


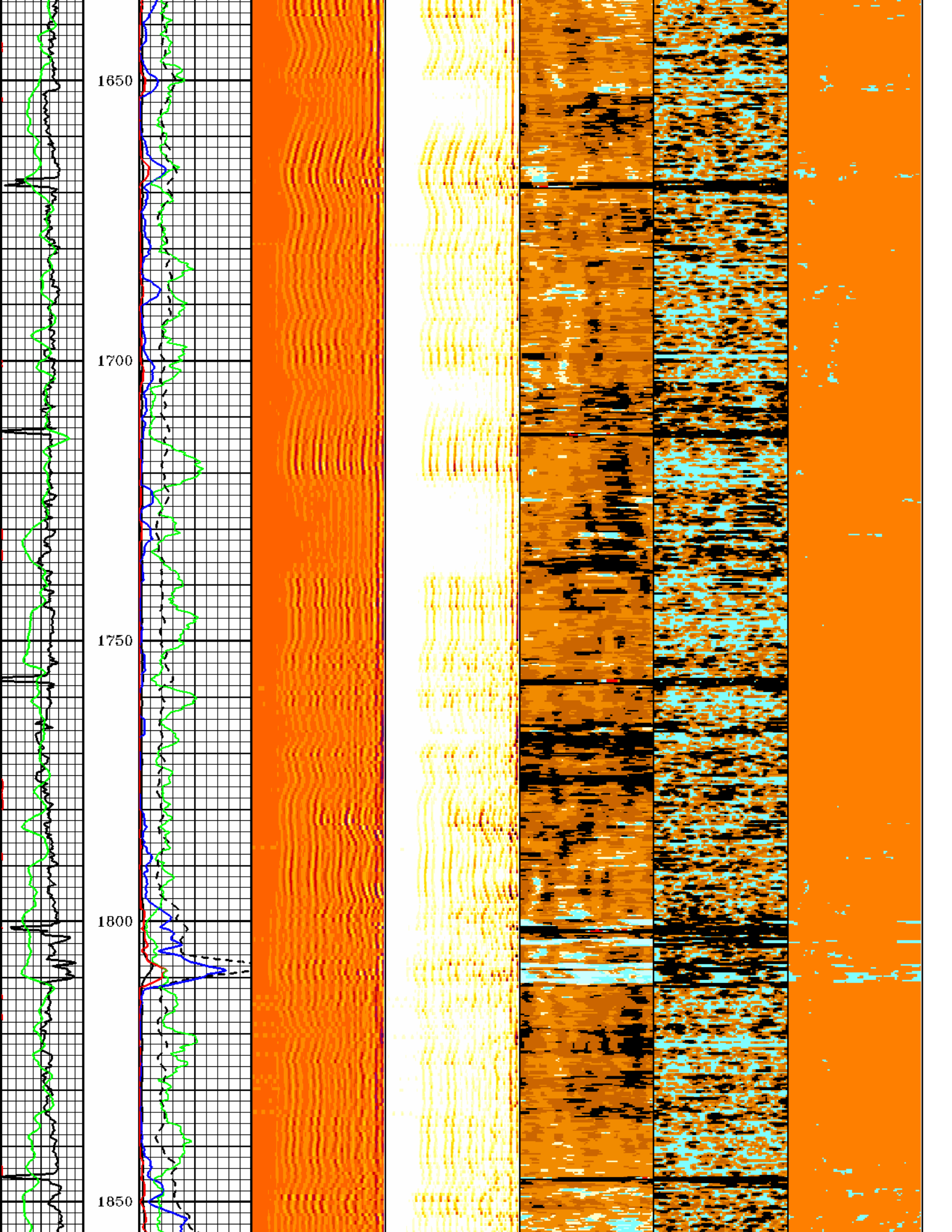


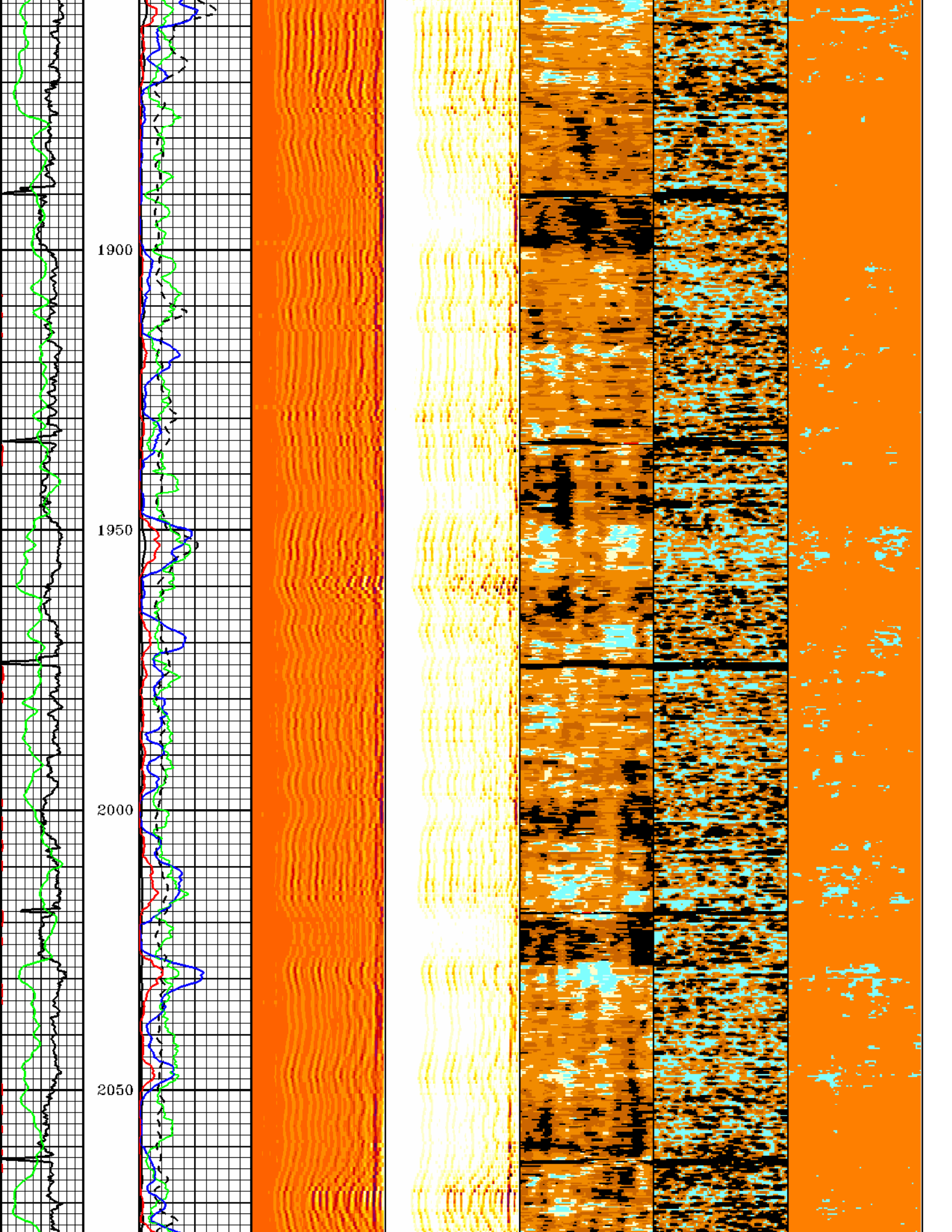




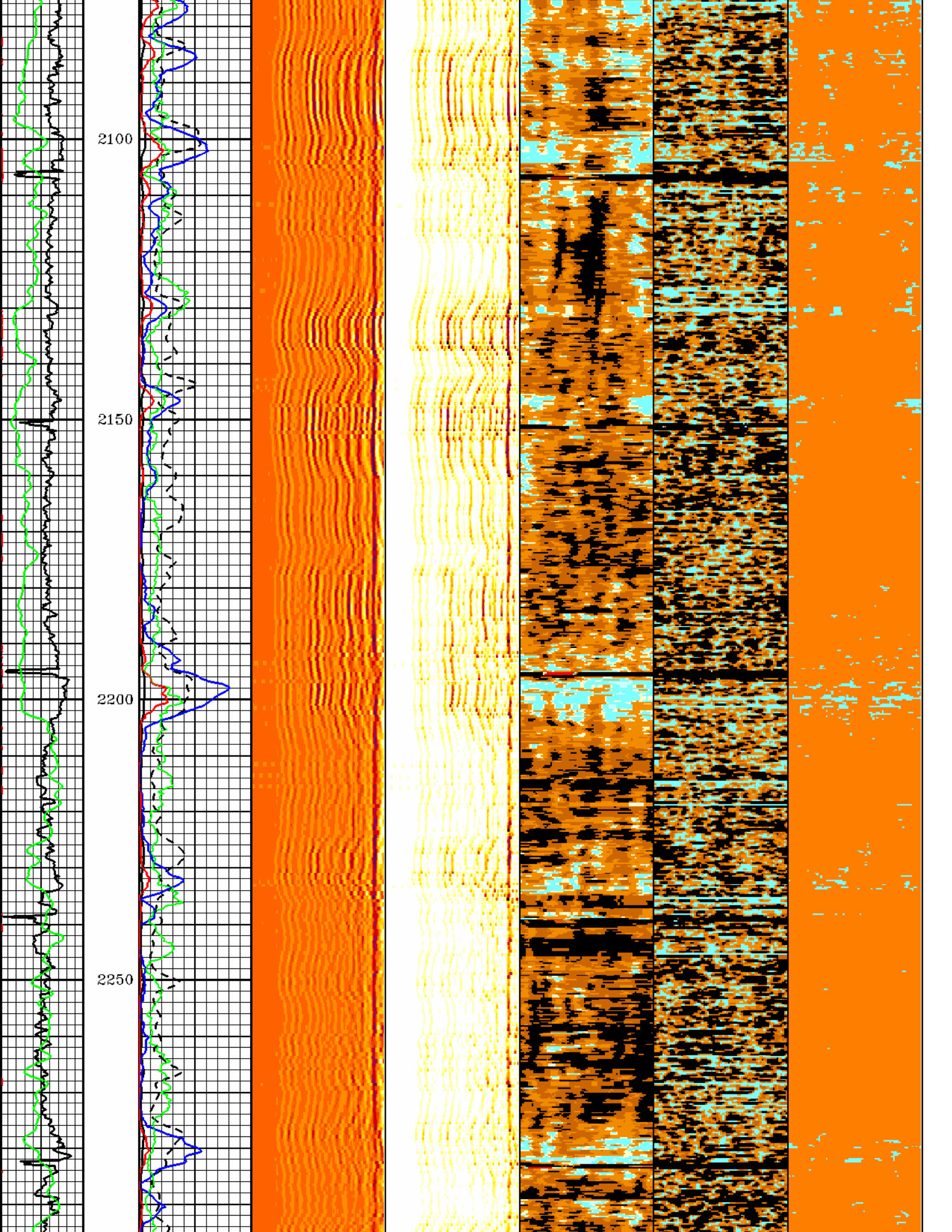




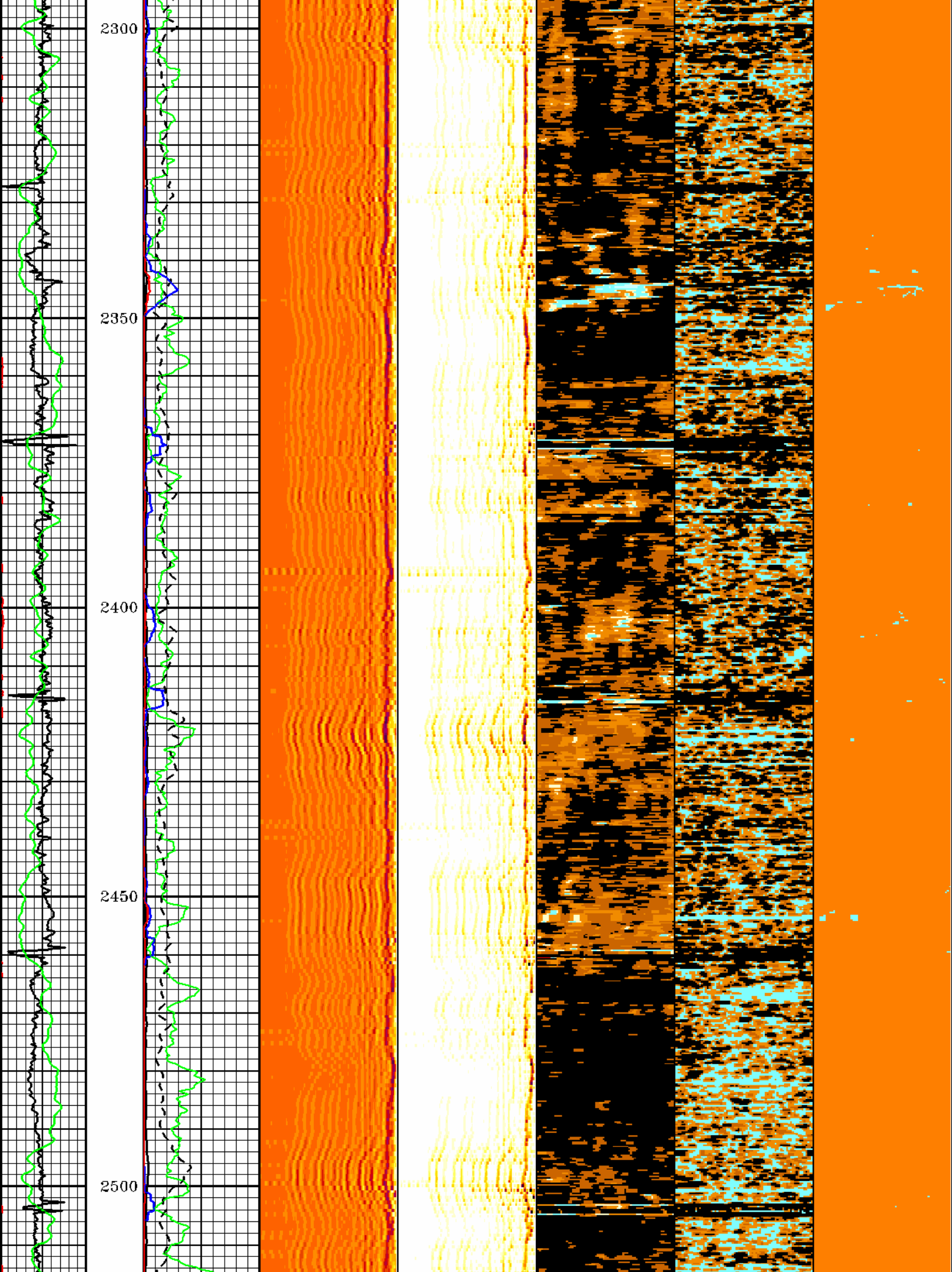


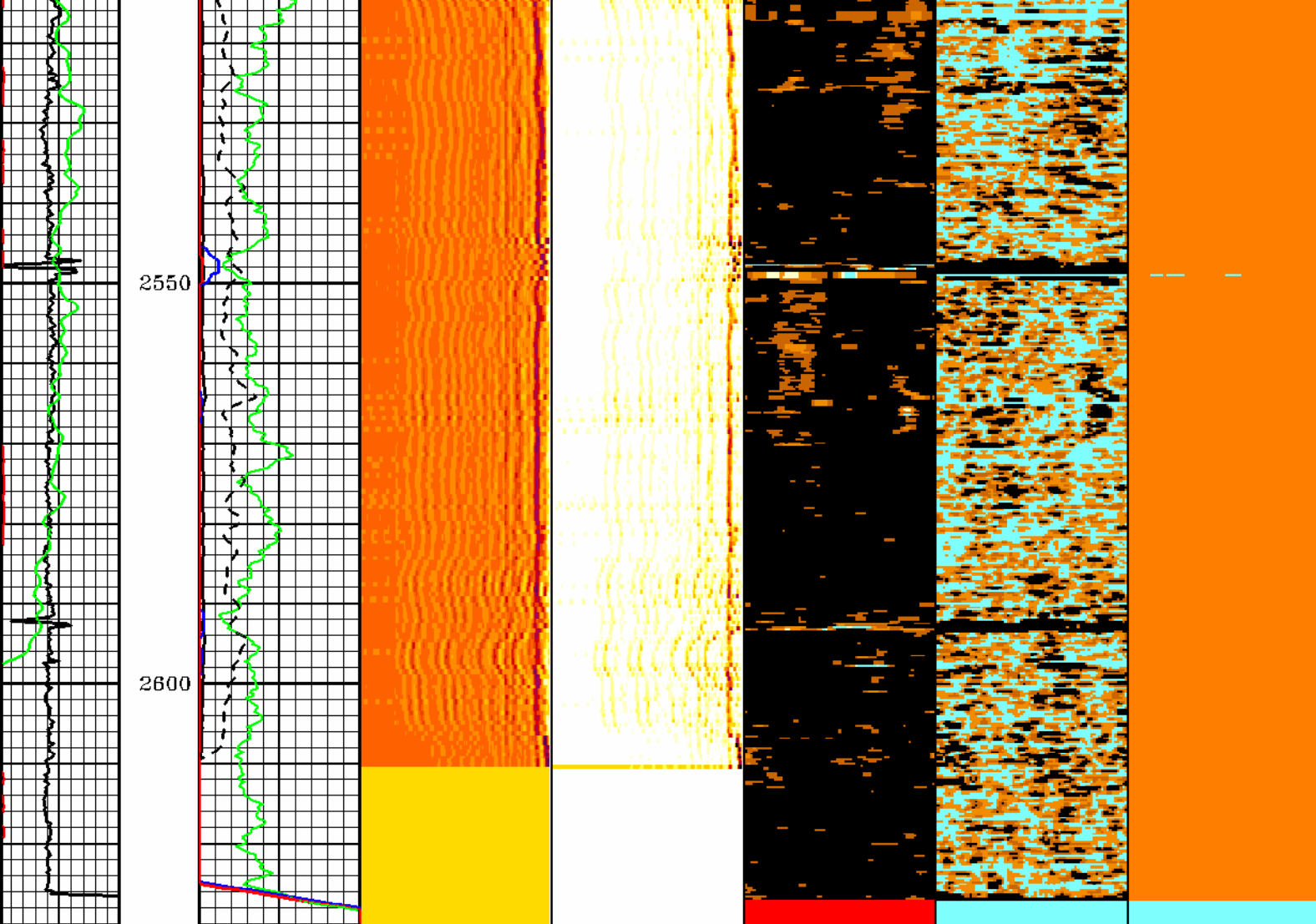






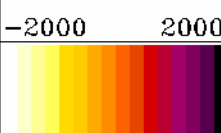
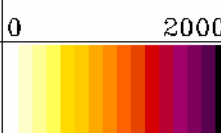
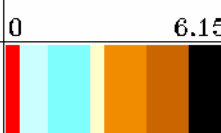
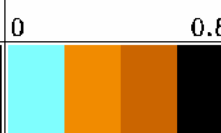







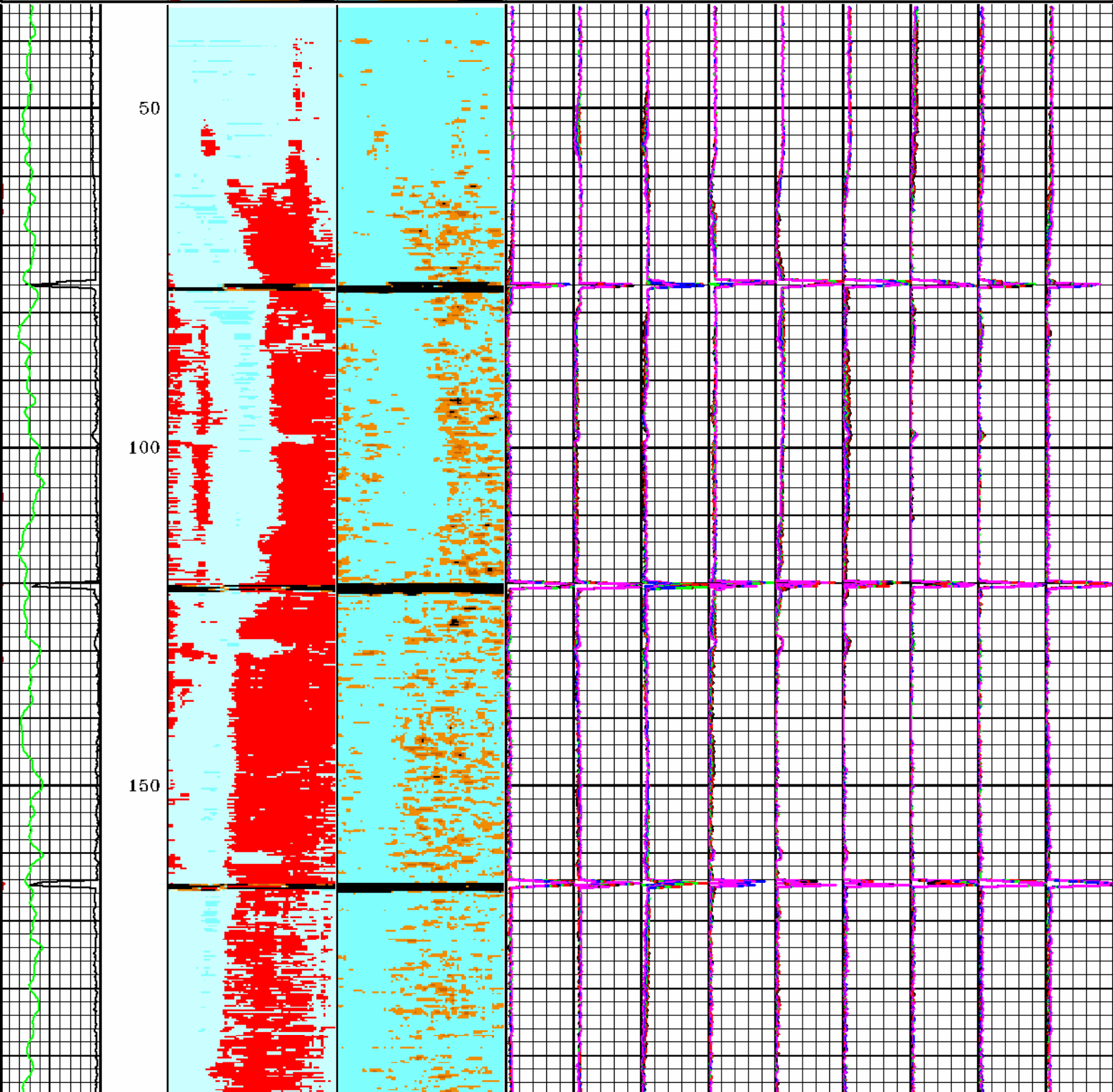


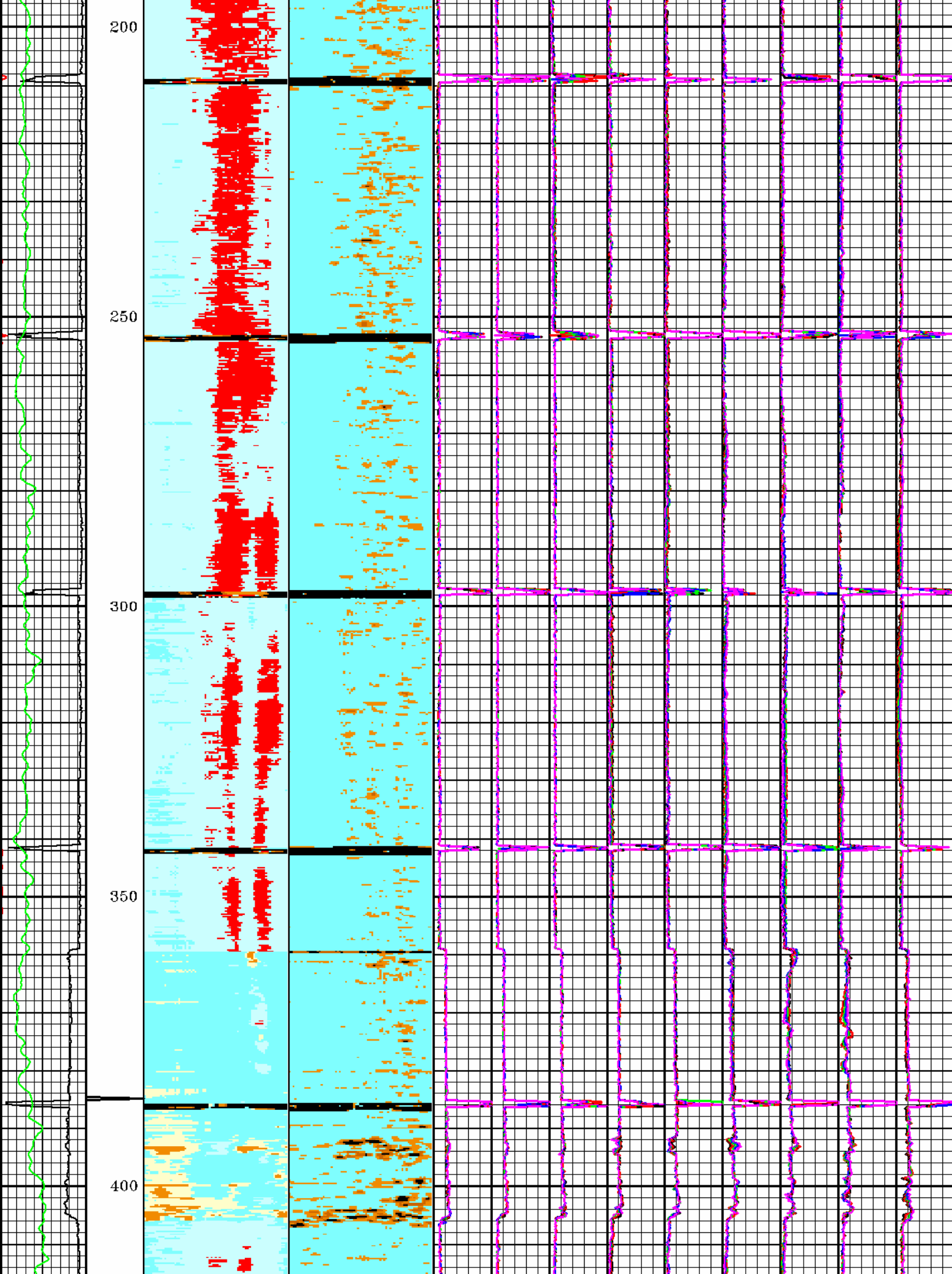




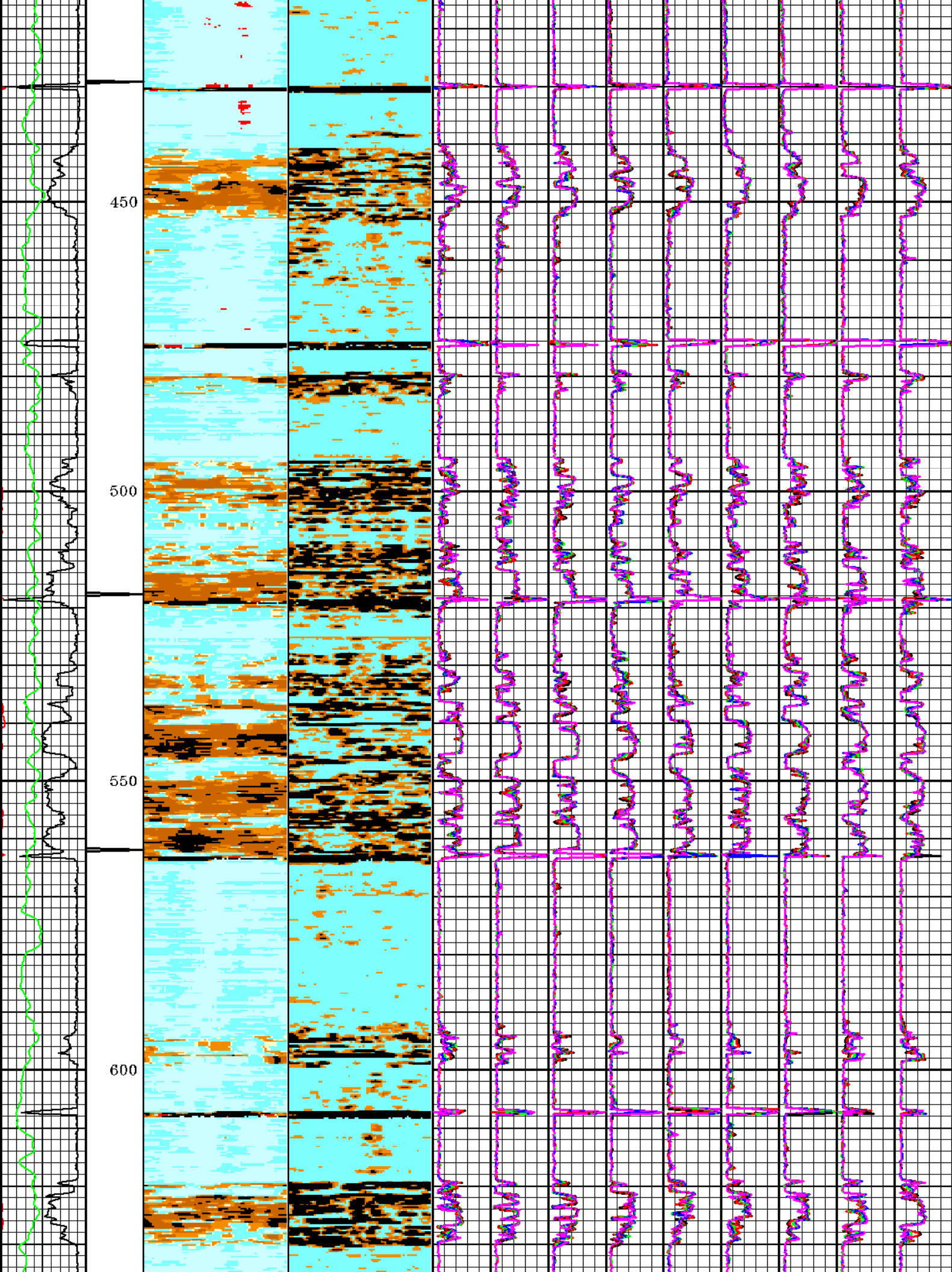
																	
			-2000      2000			0      2000			0      6.15			0      0.8			0      1		
																	
<div>ECTY</div> <div>GR</div> <div>ZAVG</div>	<div>1:240 FT.</div>	<div>FCBIDZ</div>															
		<div>FCEMBI</div>															
		<div>FCBI</div>															
		<div>AMP</div>															
		<div>AMP</div>															
			WMSG		WMSGT		ZP		DZ		CEMT						
CORRELATION		CEMENT DATA	CBL WAVEFORM	CBL WAVEFORM TOTAL	IMPEDANCE	DERIVATIVE	CEMENT										

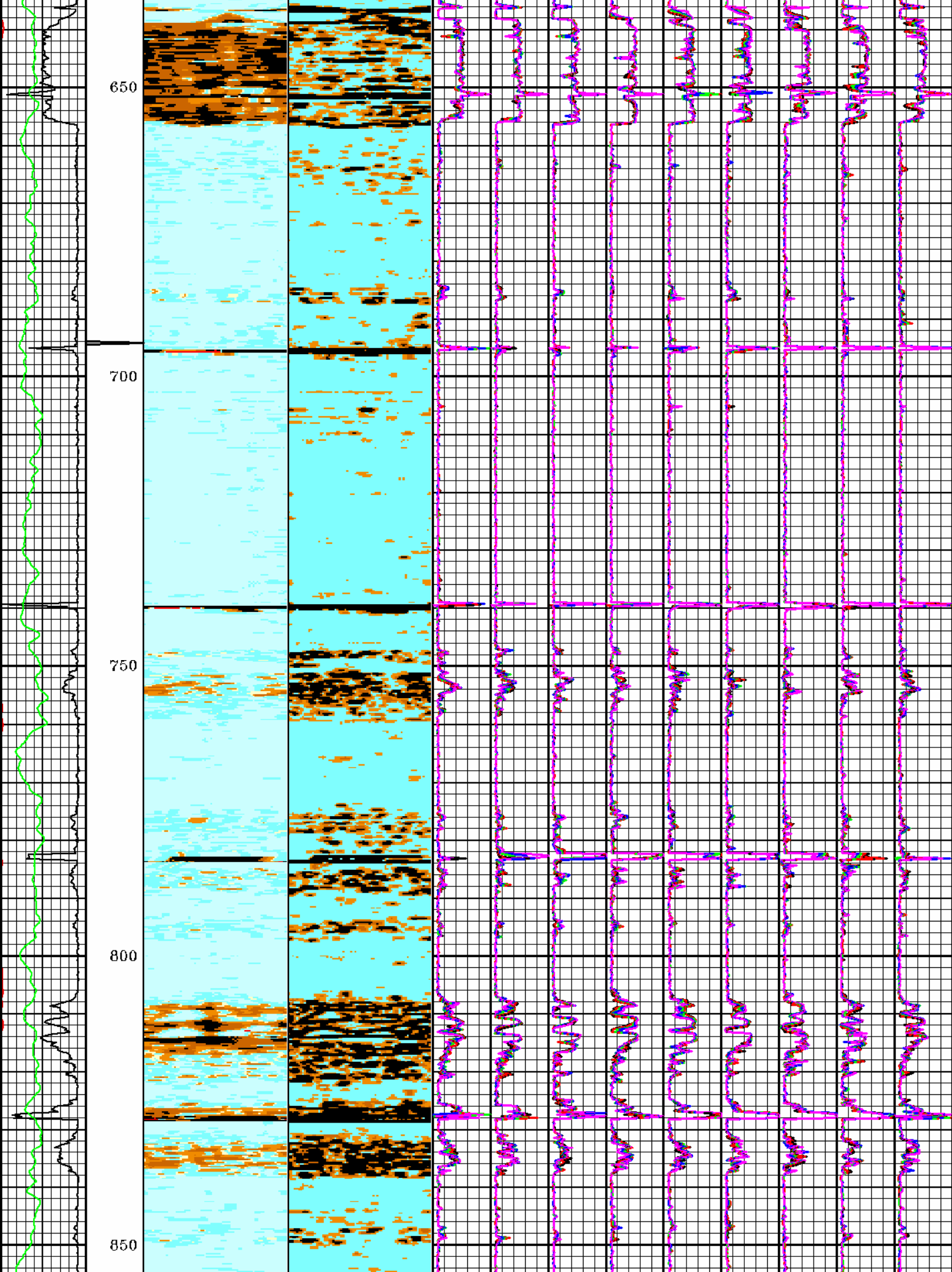
WELLBORE DATA		IMPEDANCE MAP	DZ	SEG. A	SEG. B	SEG. C	SEG. D	SEG. E	SEG. F	SEG. G	SEG. H	SEG. I
ZAVG	1:240 FT.	ZP	DZ	CA1	CB1	CC1	CD1	CE1	CF1	CG1	CH1	CI1
GR				CA2	CB2	CC2	CD2	CE2	CF2	CG2	CH2	CI2
ECTY				CA3	CB3	CC3	CD3	CE3	CF3	CG3	CH3	CI3
OVALITY				CA4	CB4	CC4	CD4	CE4	CF4	CG4	CH4	CI4
				CA5	CB5	CC5	CD5	CE5	CF5	CG5	CH5	CI5
		0	6.15	0	0.8							
												

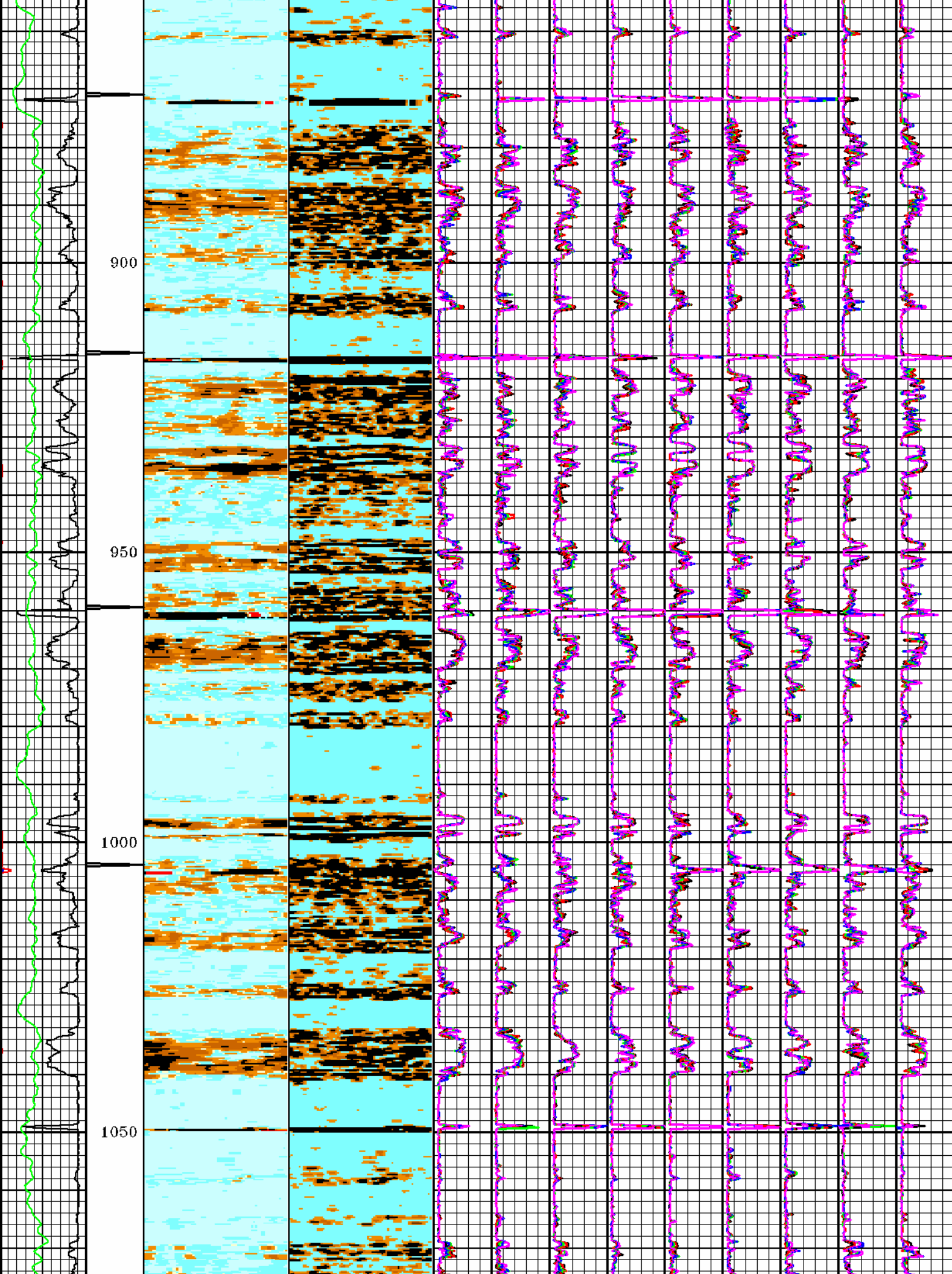




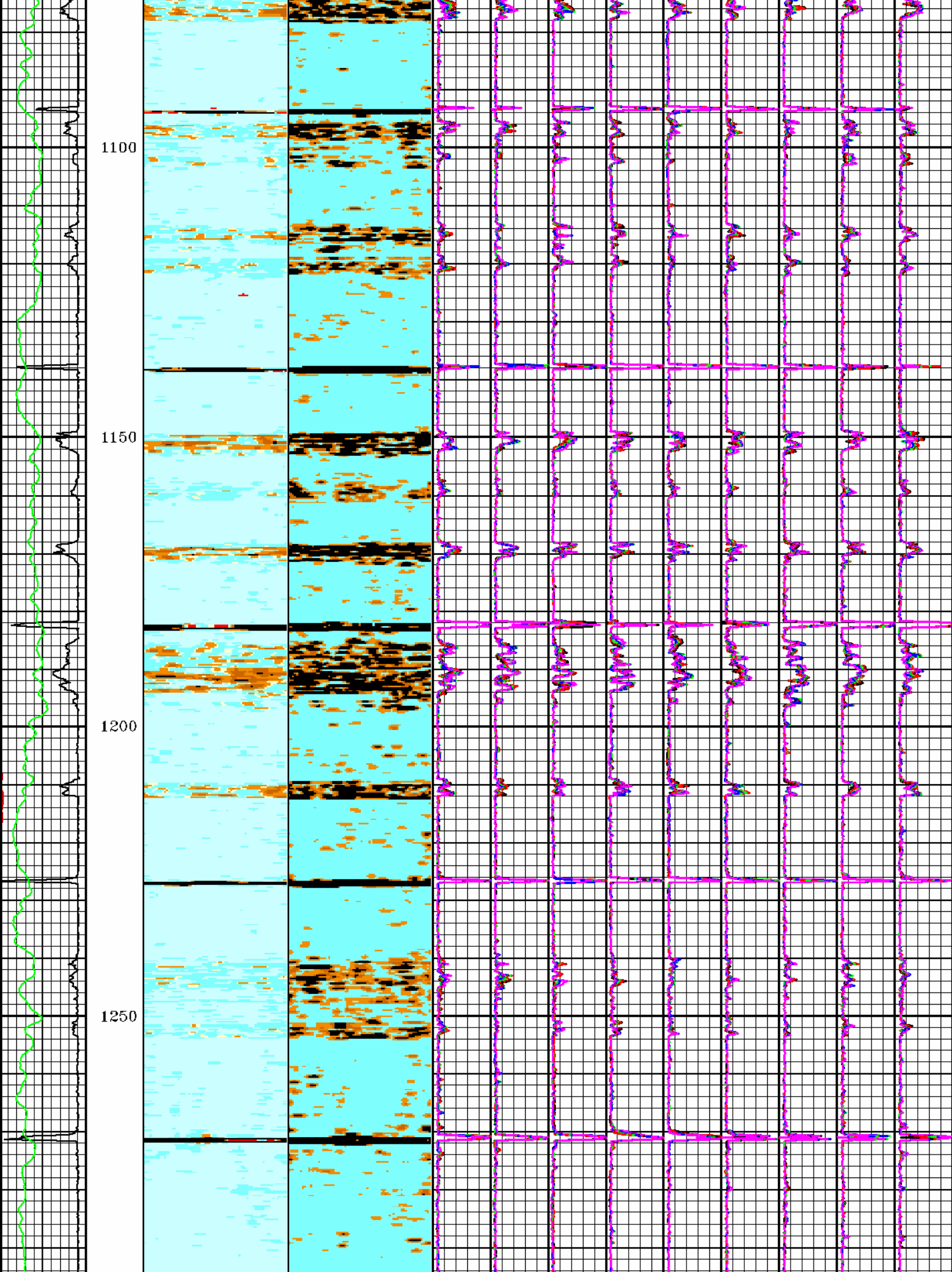




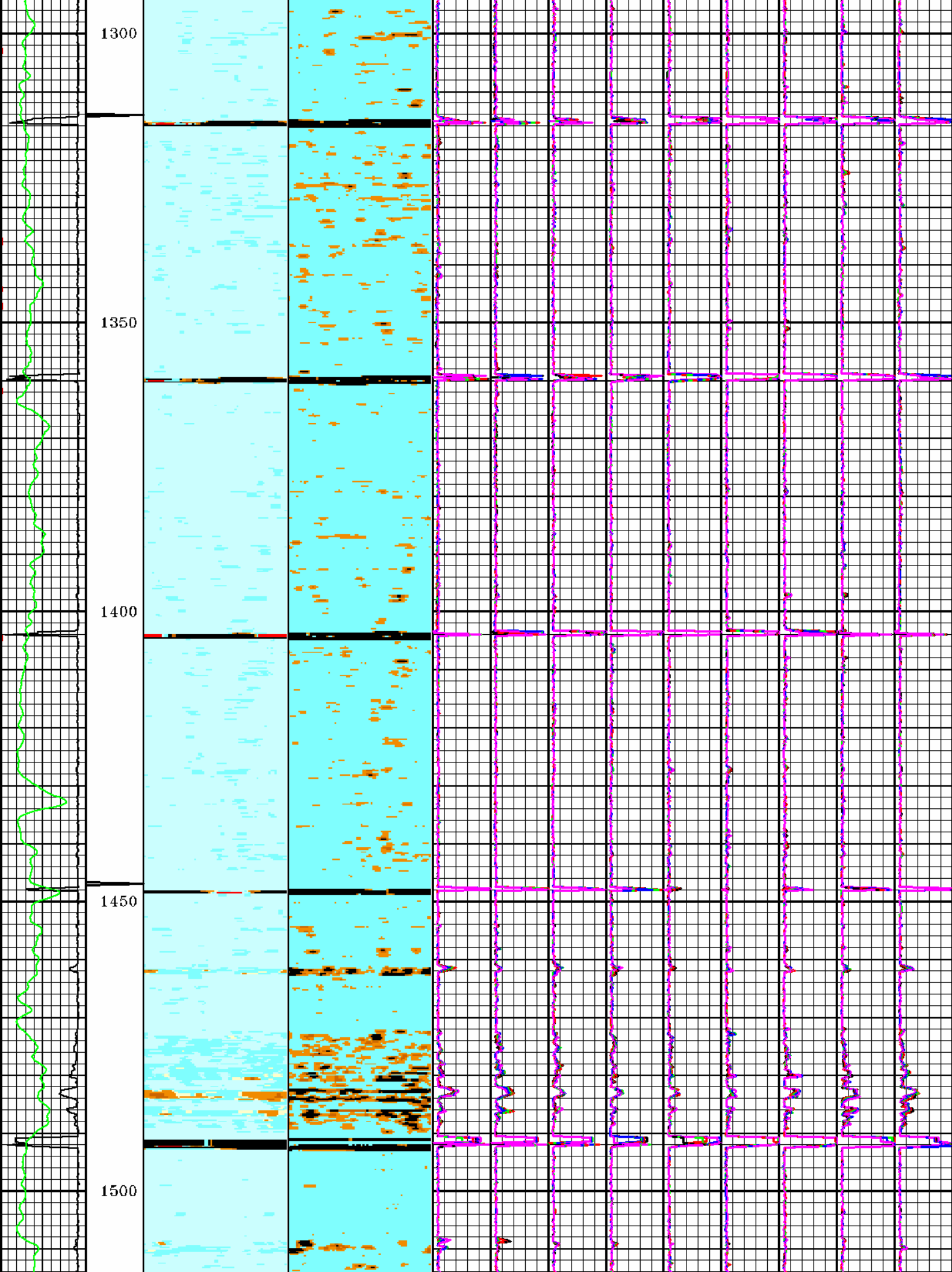


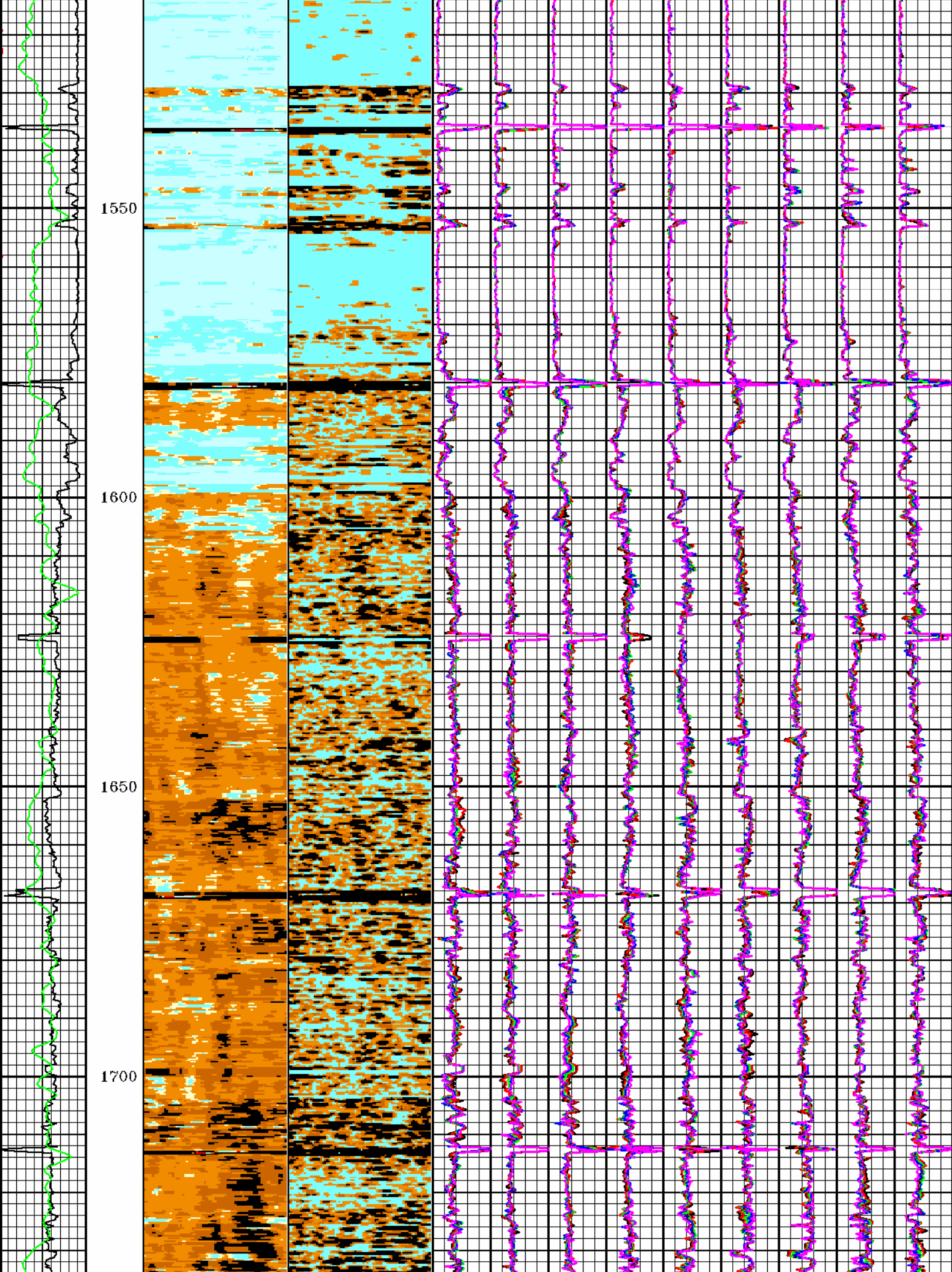


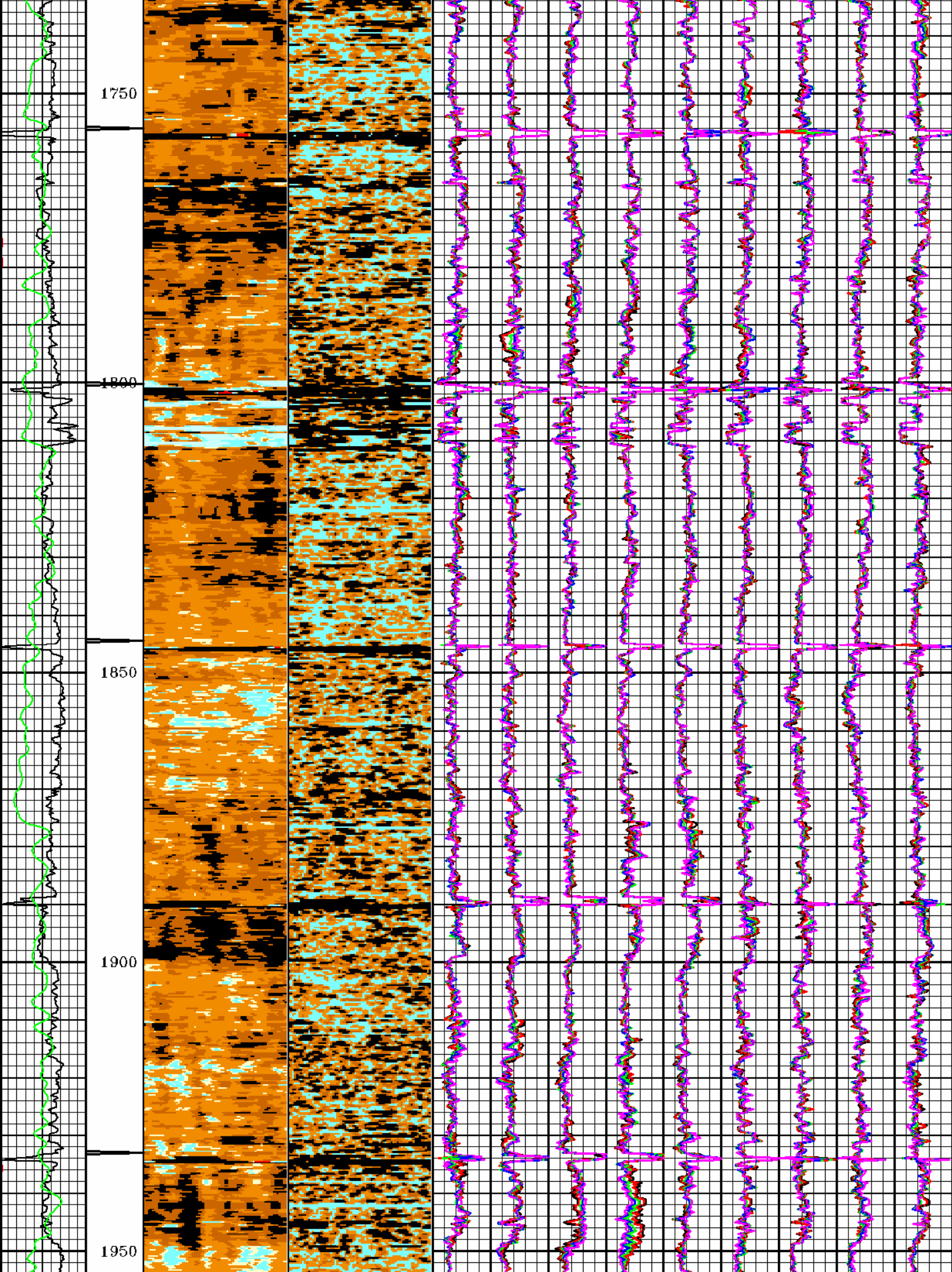




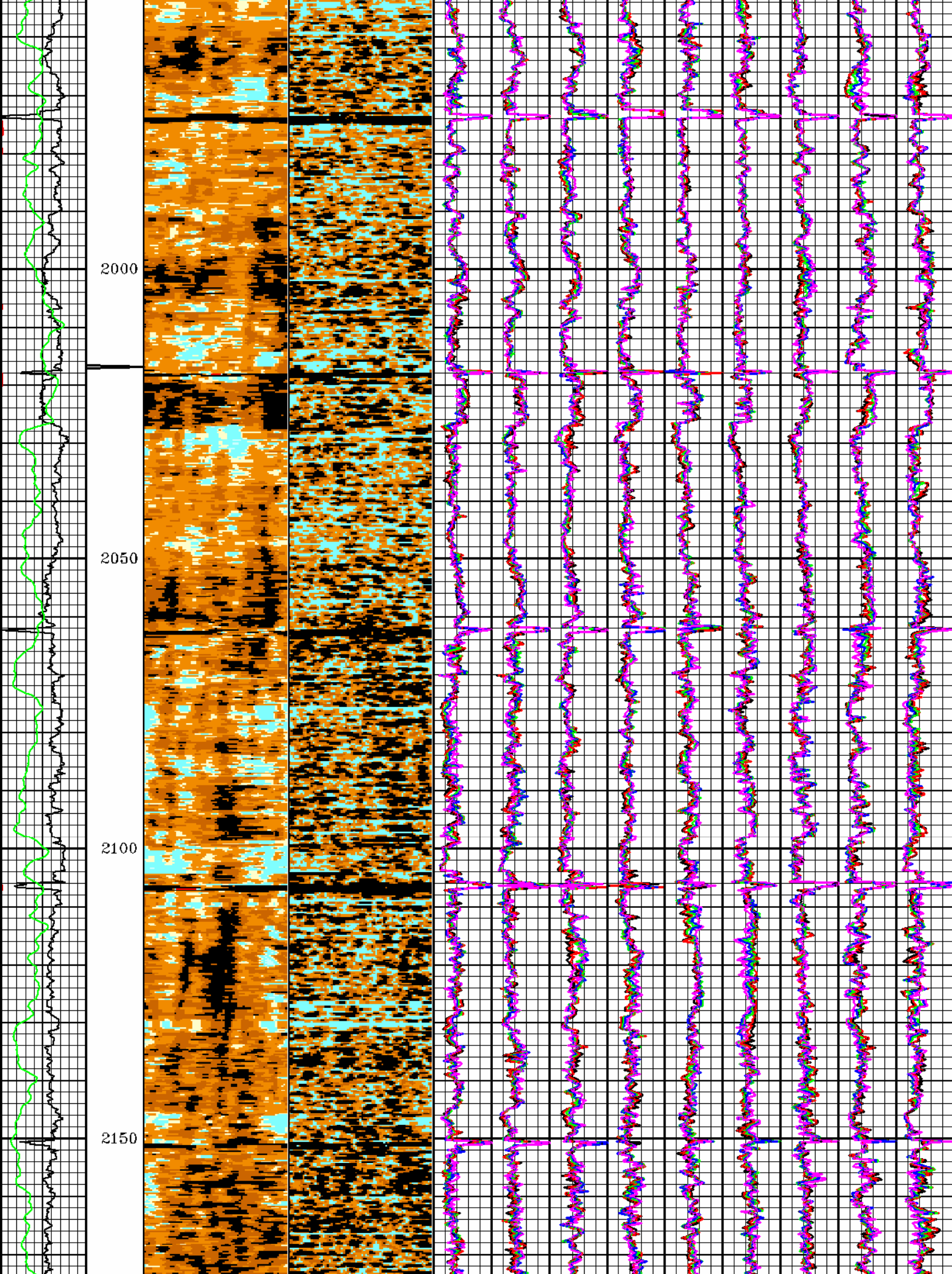




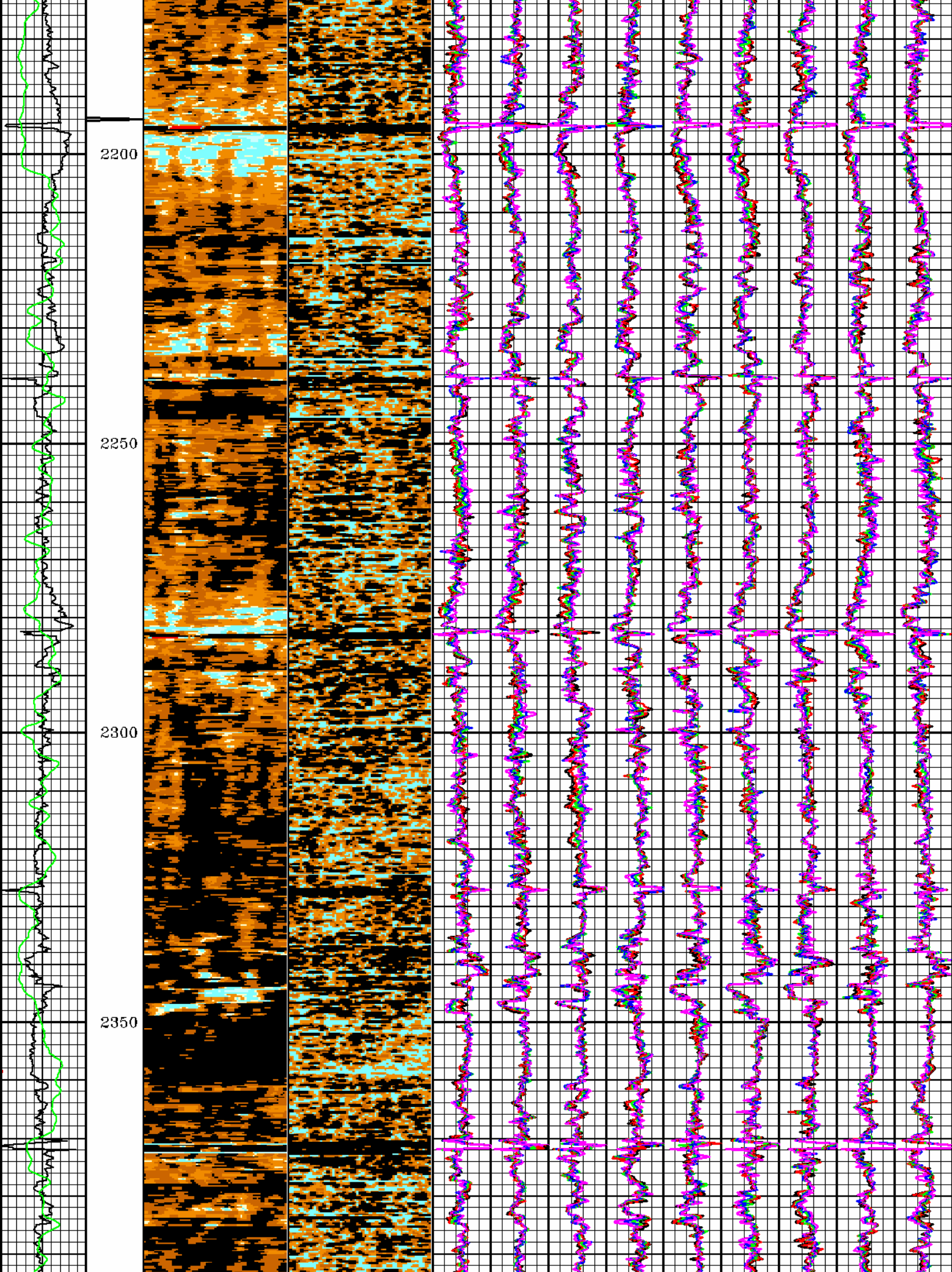


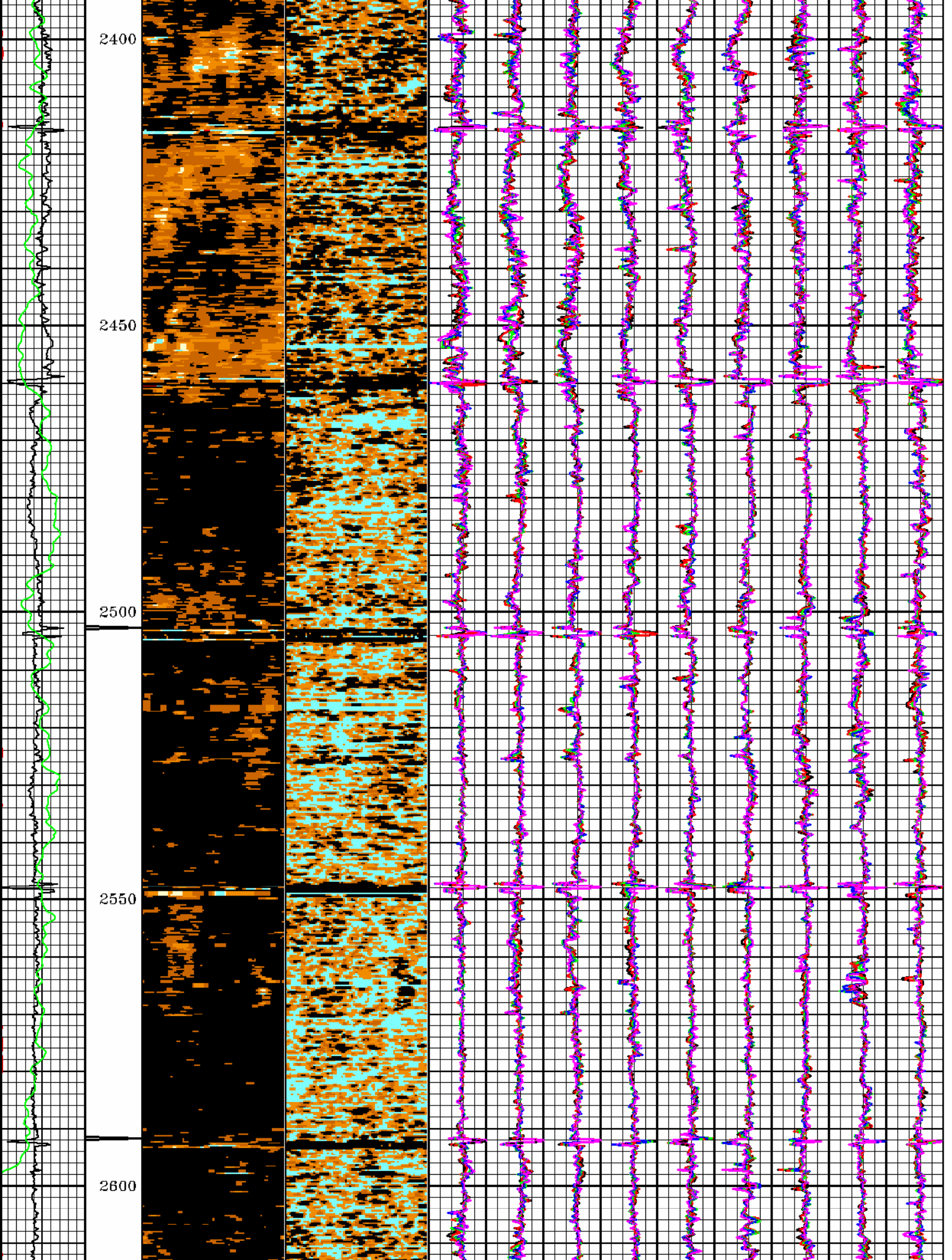


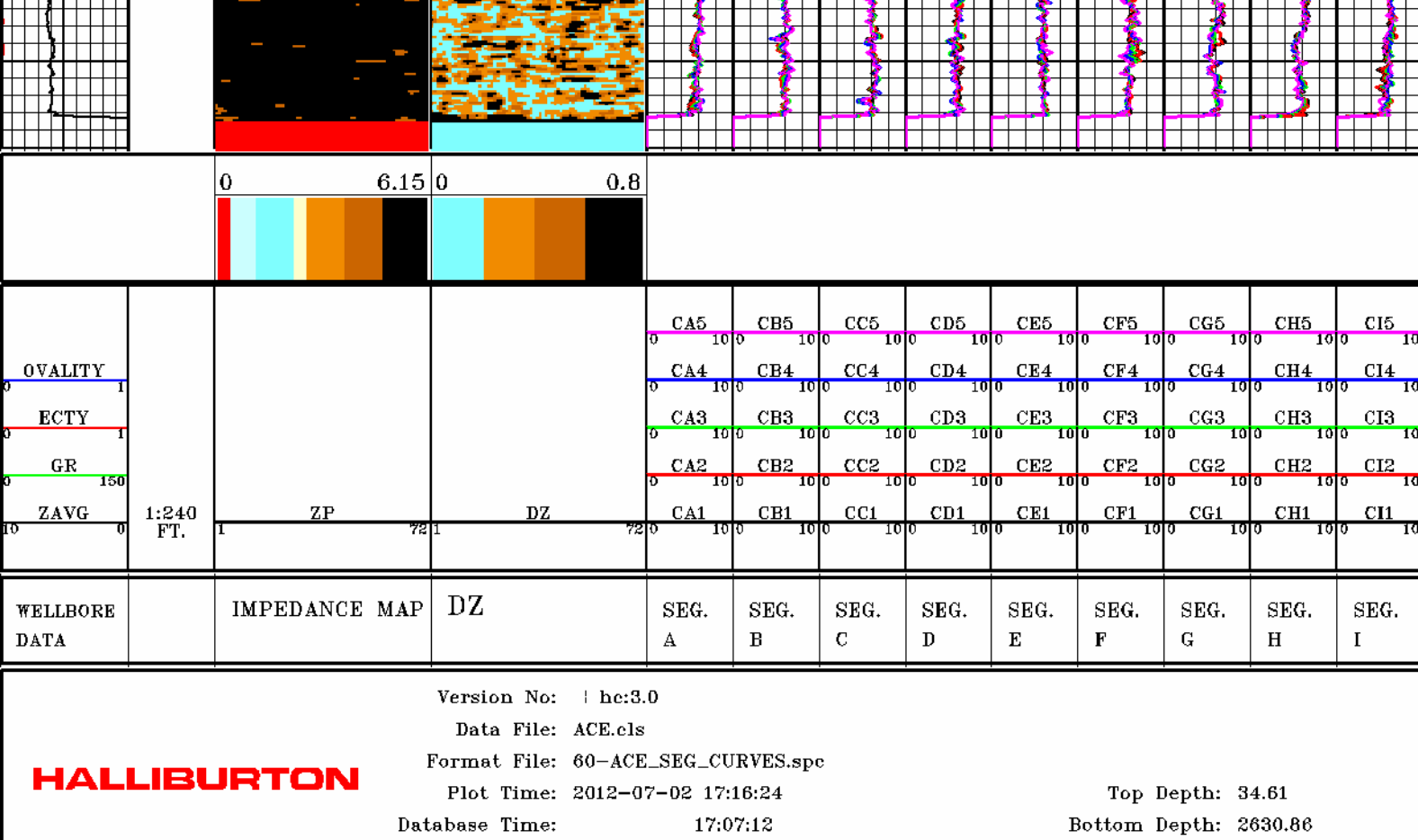












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COUNTY	LA PLATA	STATE	CO
<b>HALLIBURTON</b>		CAST-M ADVANCED CEMENT EVALUATION	