





ONE	PLUG	SURFACE	0 PSI	15 FPM	MAIN LOG SECTION			
	GAMMA RAY		IR		THICKNESS		IMPEDANCE	
Pass	Scale		Scale		Scale		Scale	
No.	L	R	L	R	L	R	L	L
	0 API	150 API	2.6	3.6	0.26	0.46	0	6.15
DIRECTIONAL INFORMATION								
Maximum Deviation			deg. @		KOP			

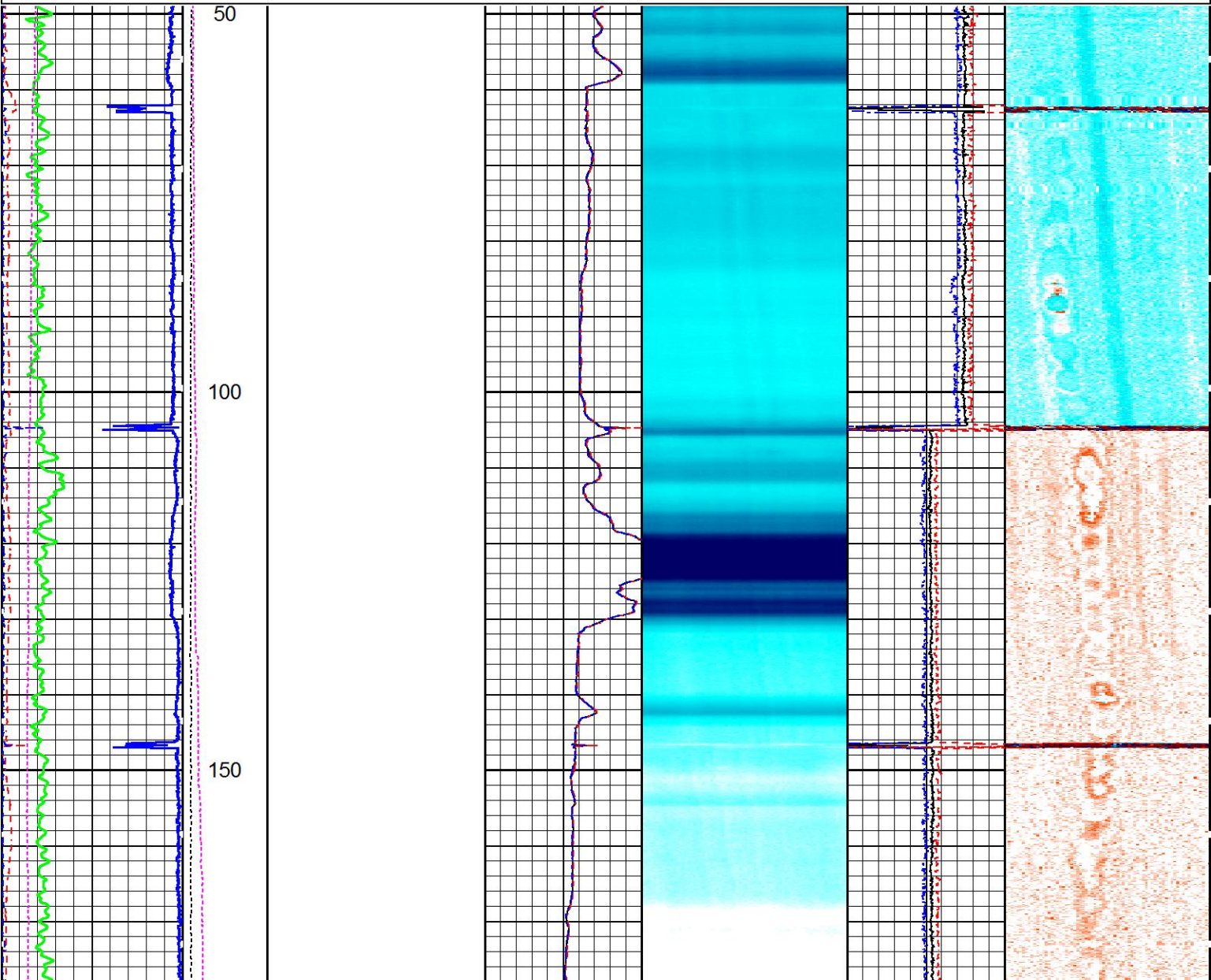
MAIN PASS

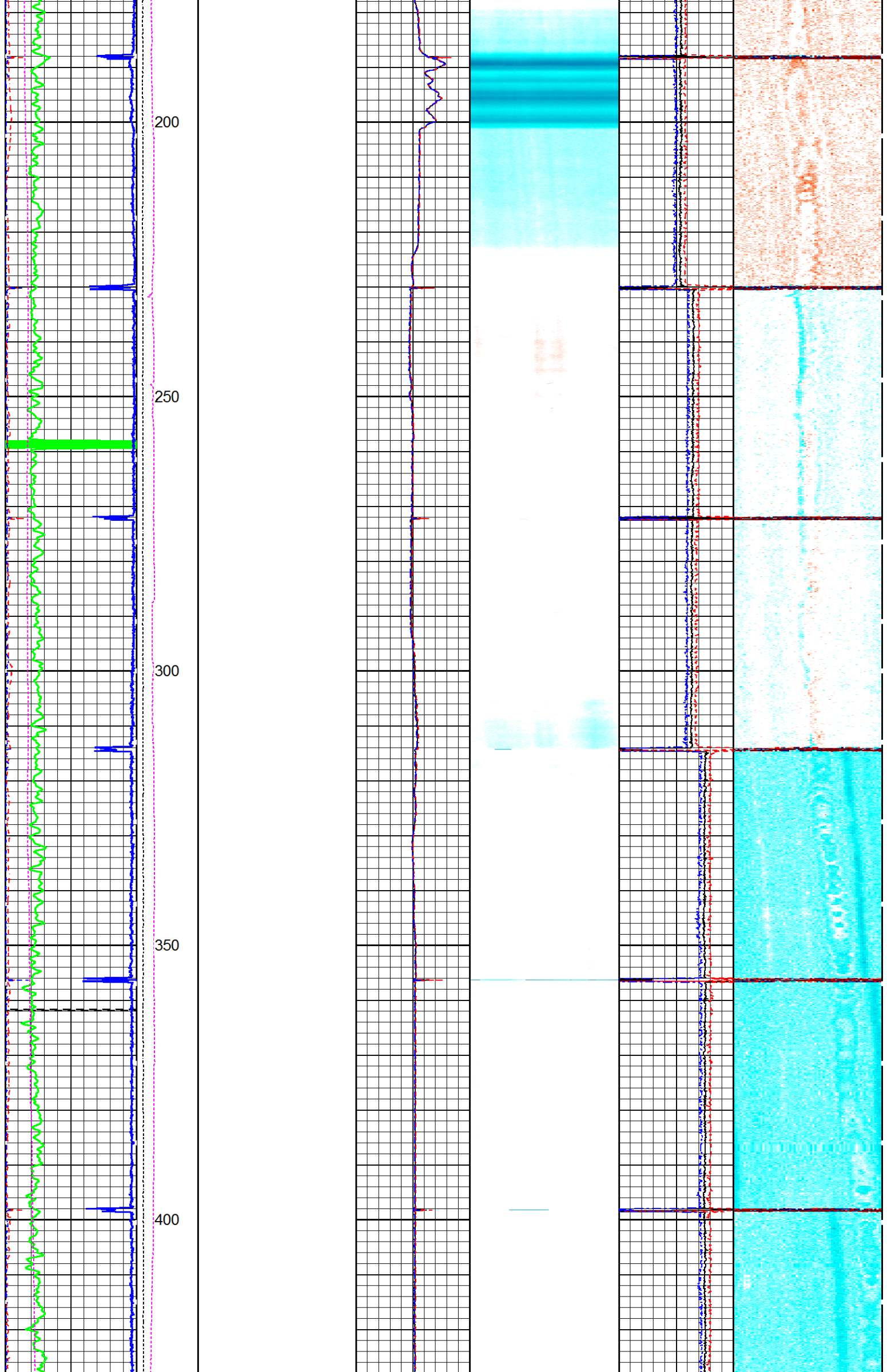
HALLIBURTON

5" = 100'

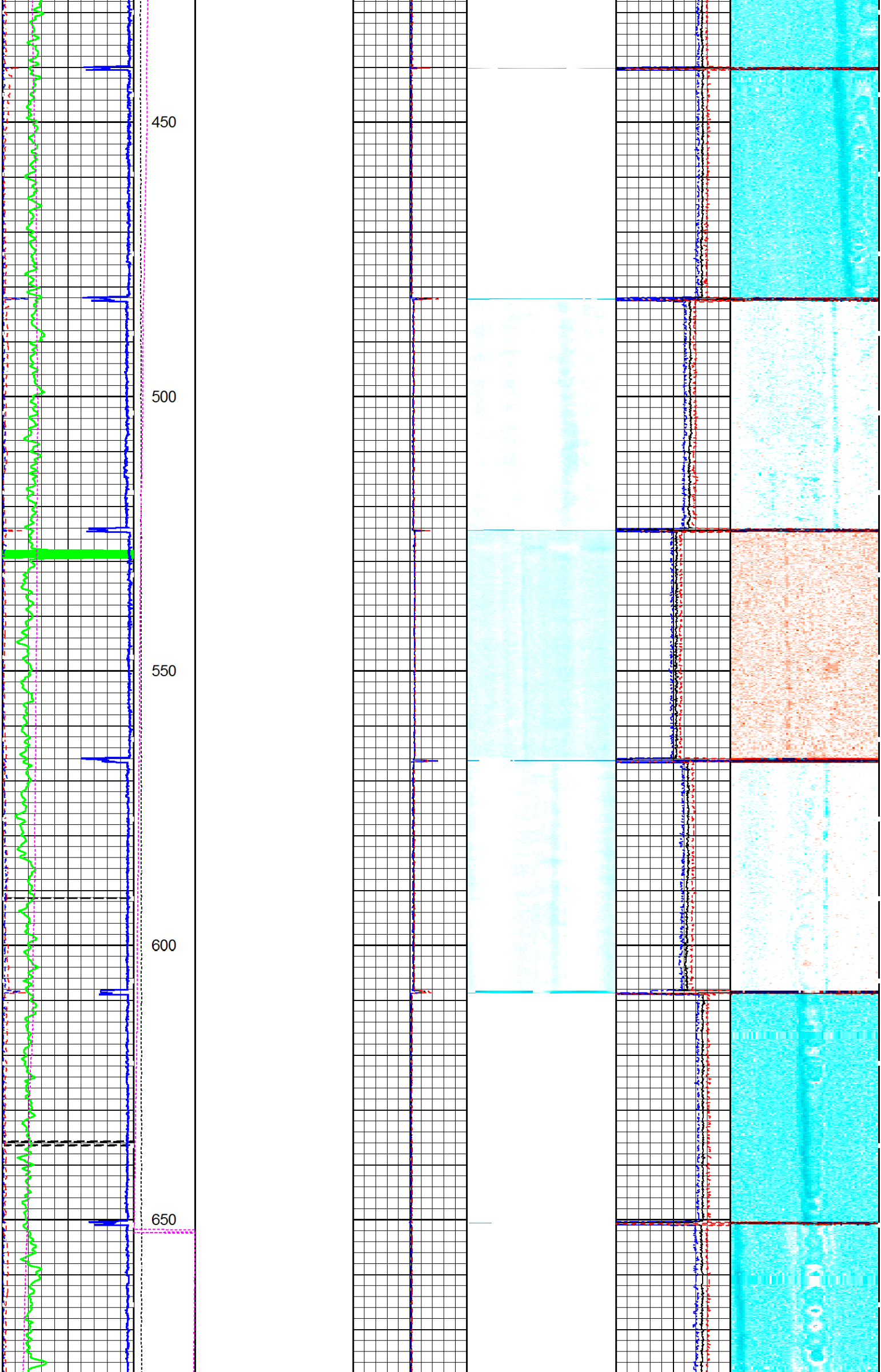
Database File	egcs_6_18_wp_d011_2_cast.db
Dataset Pathname	MAIN_FINAL
Presentation Format	1PIM7~1
Dataset Creation	Fri Mar 25 11:00:23 2016
Charted by	Depth in Feet scaled 1:240

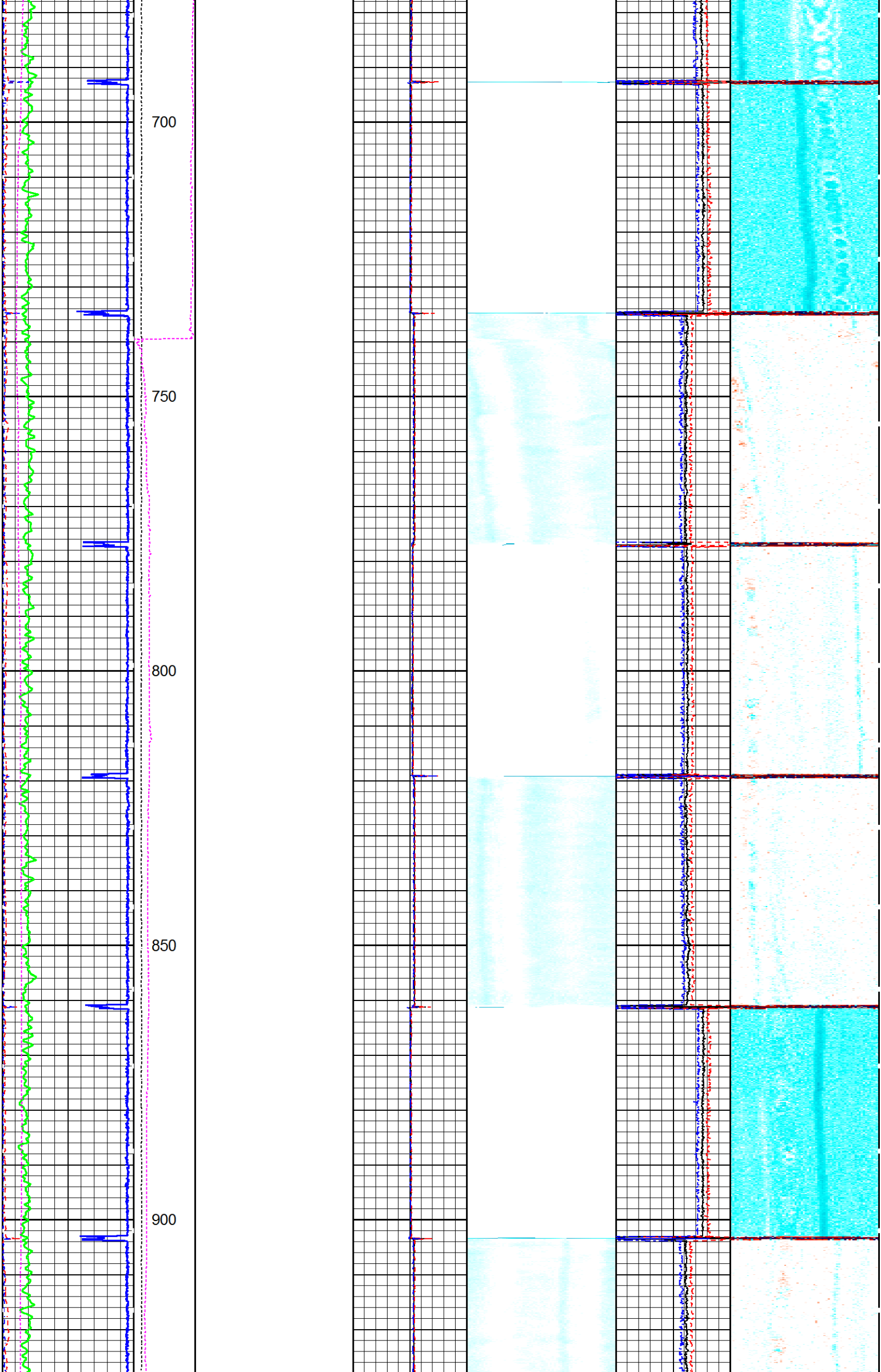
300 CCL 10	LTEN	IR_AVG	0 IR 360	THK_AV	0 THICKNESS 360
0 GR (GAPI)150		2.6 (in) 3.6	2.6 3.6	0.3 (in) 0.4	0.26 0.46
0 ECC (in) 1	0 (2500	IR_MAX		THK_MAX	
0 OVAL (in) 0.2	RB	2.6 (in) 3.6		0.3 (in) 0.4	
ACCL	(deg)	IR_MIN		THK_MIN	
-1 DEV (deg) 9	-1 359	2.6 (in) 3.6		0.3 (in) 0.4	

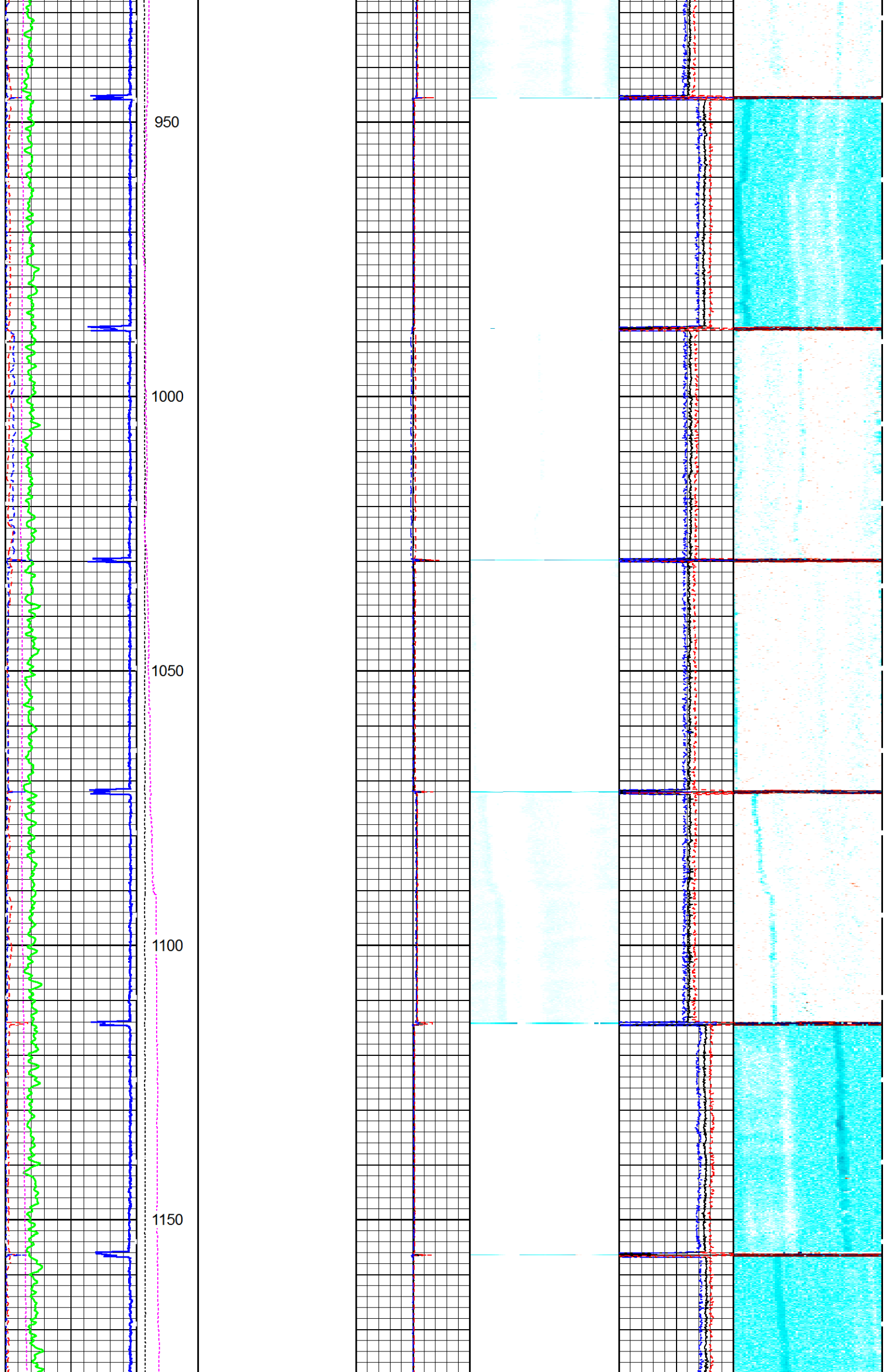


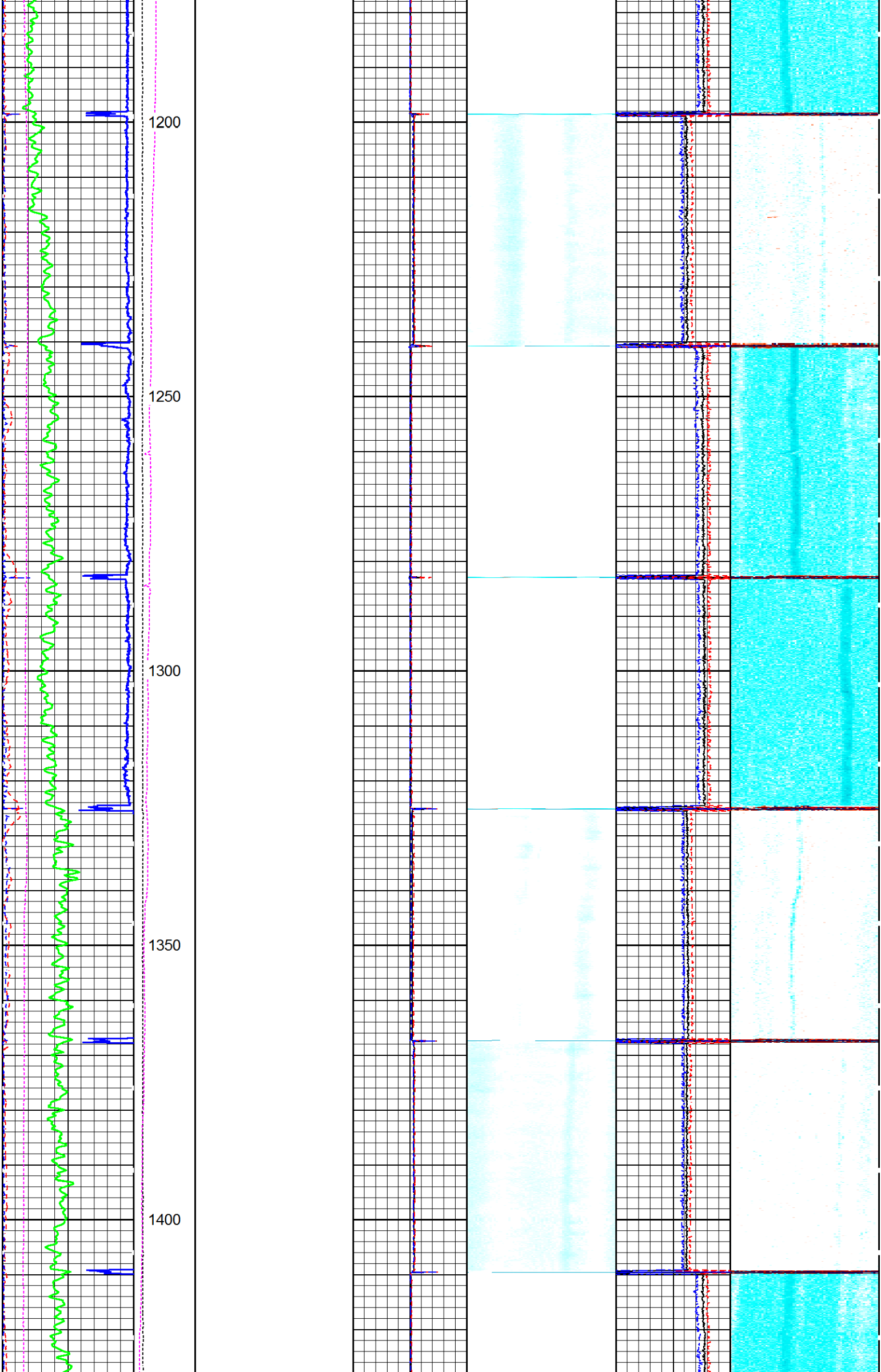




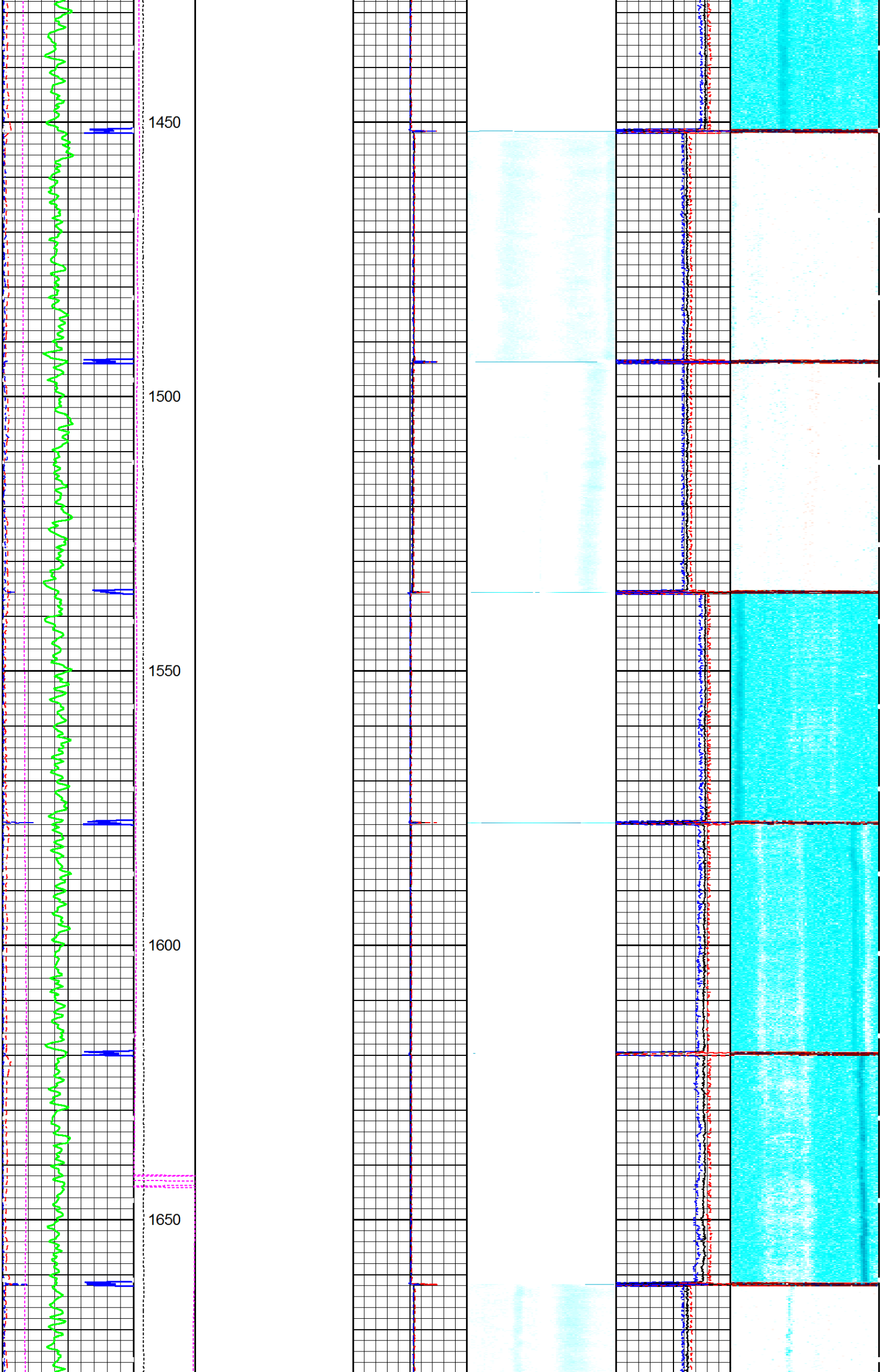




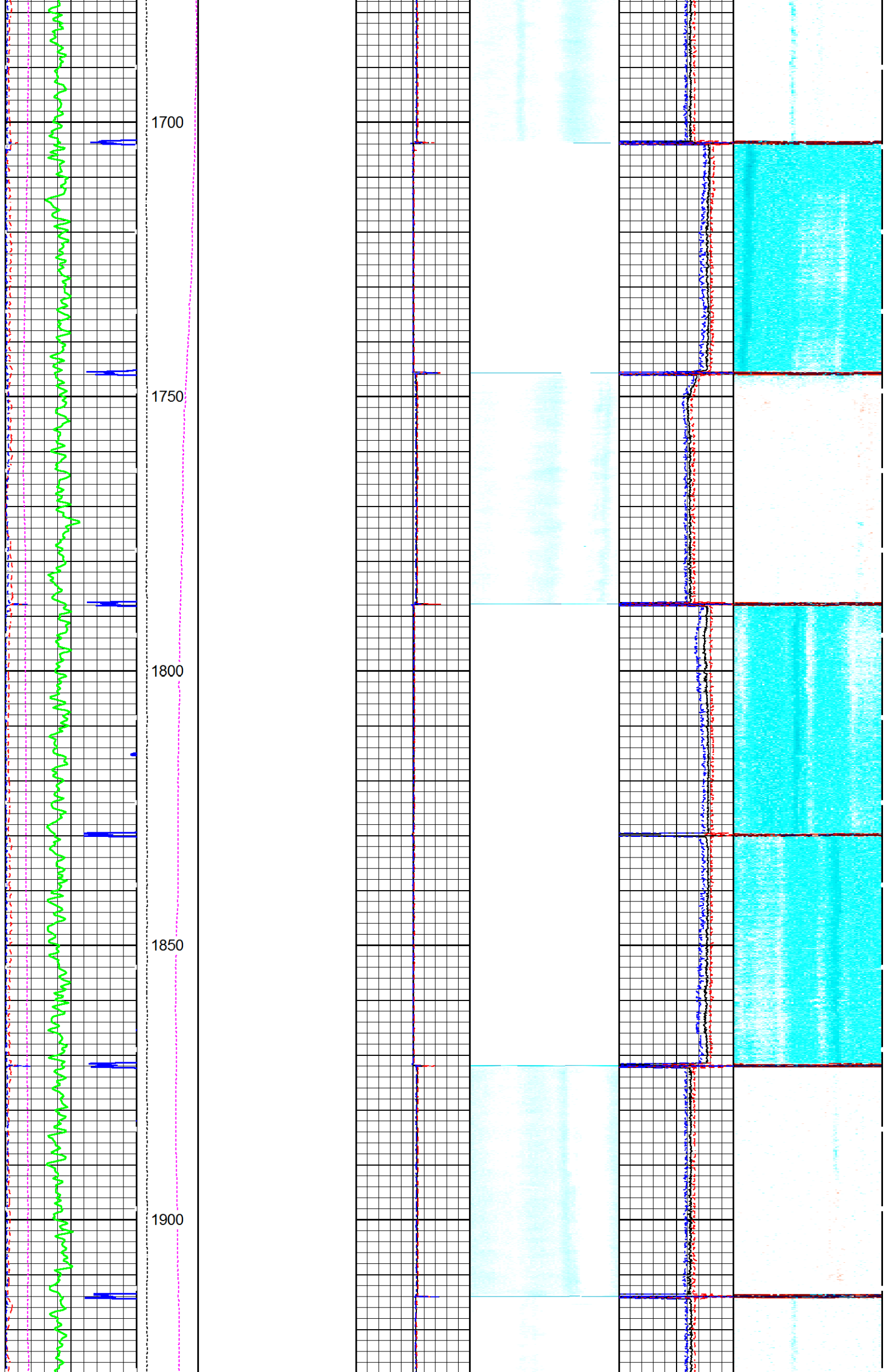


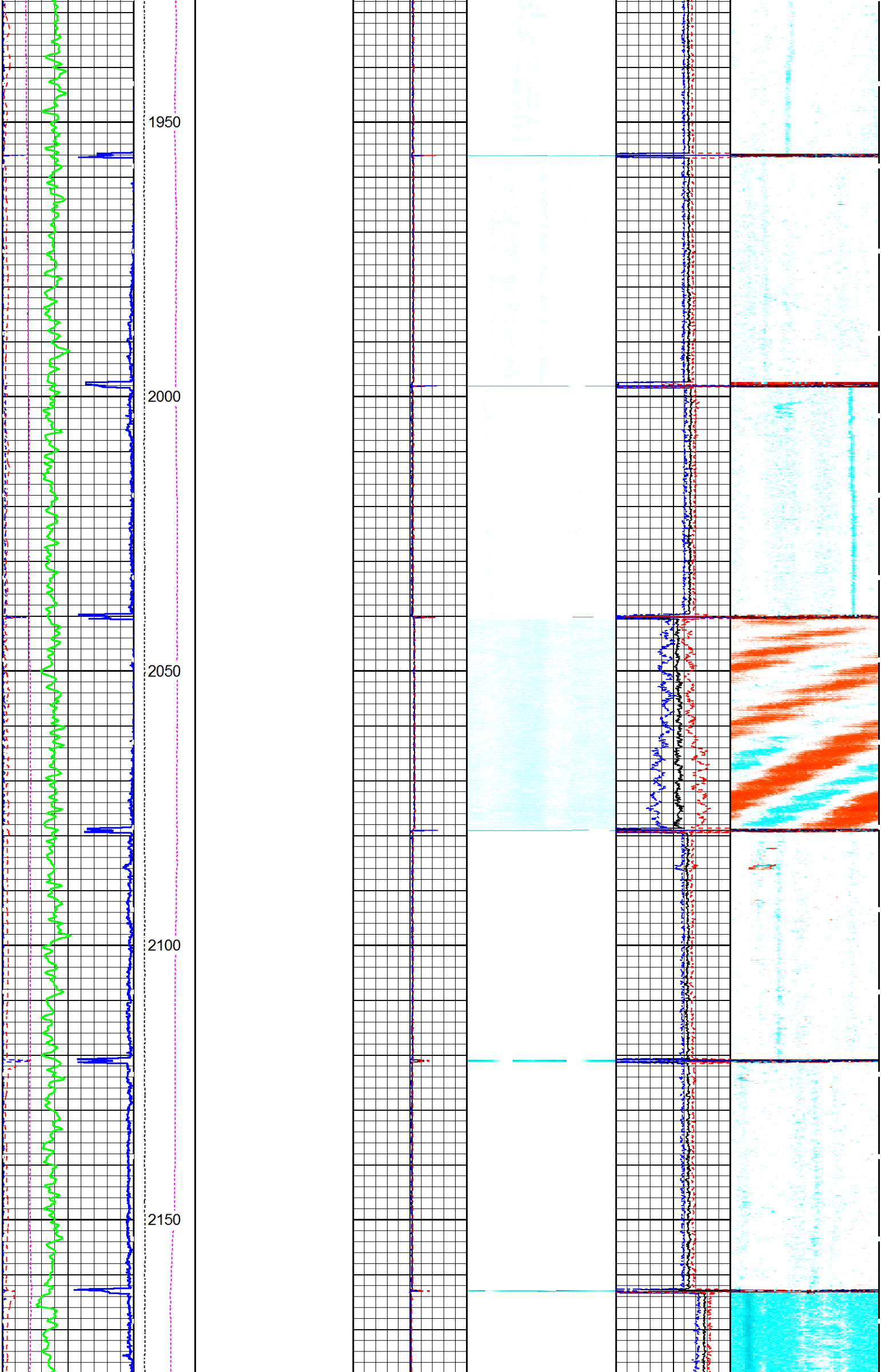


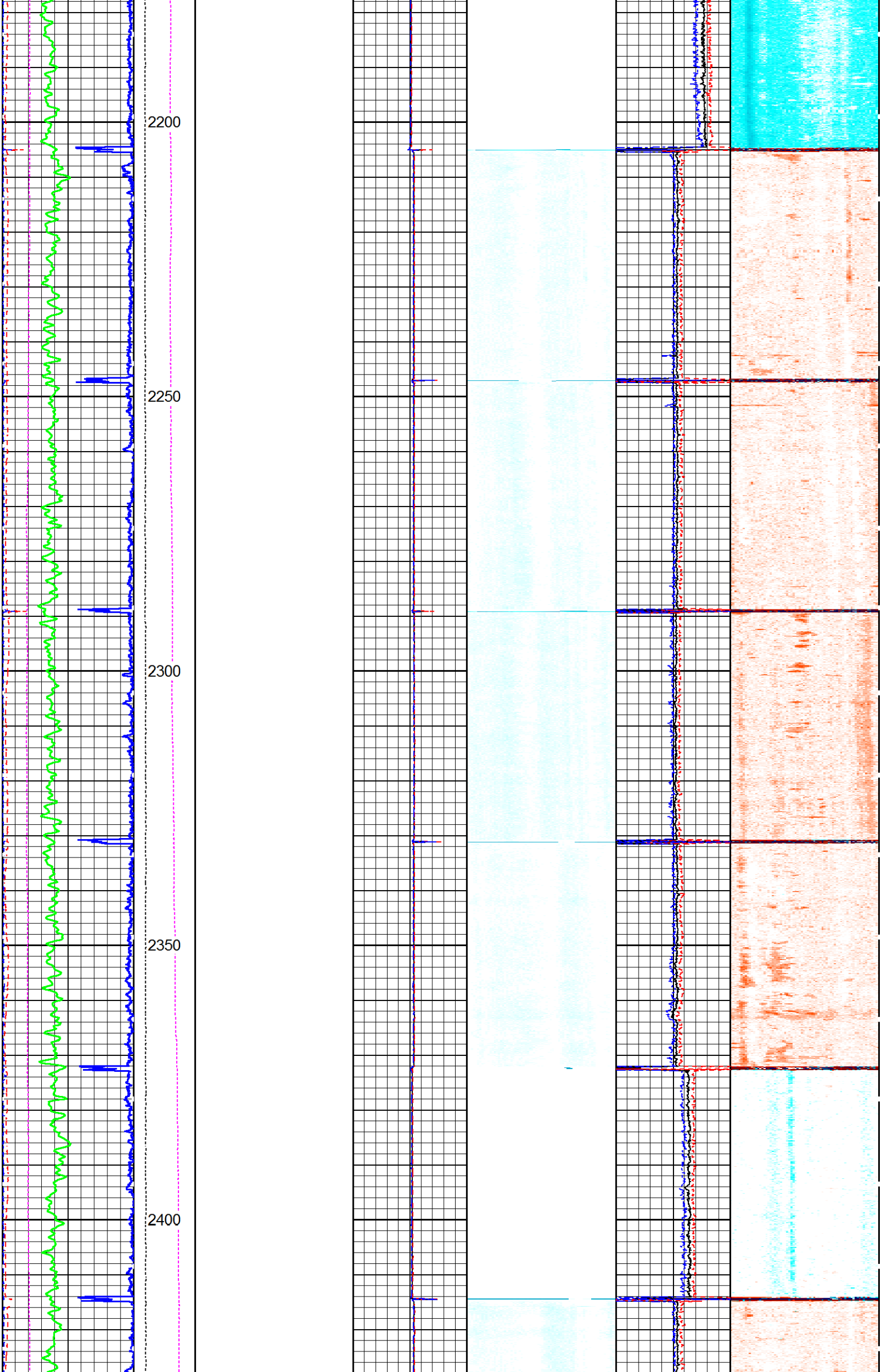




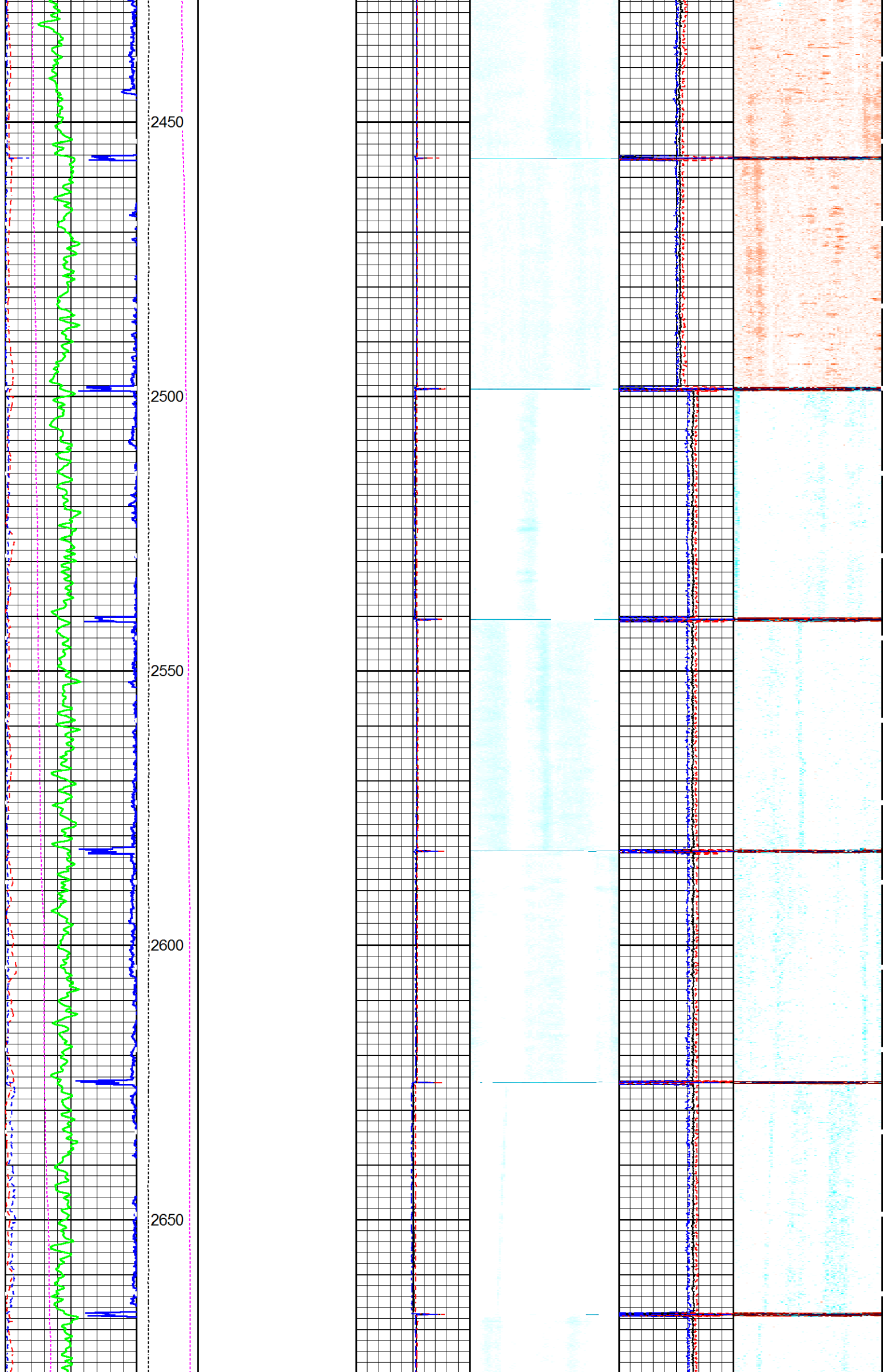


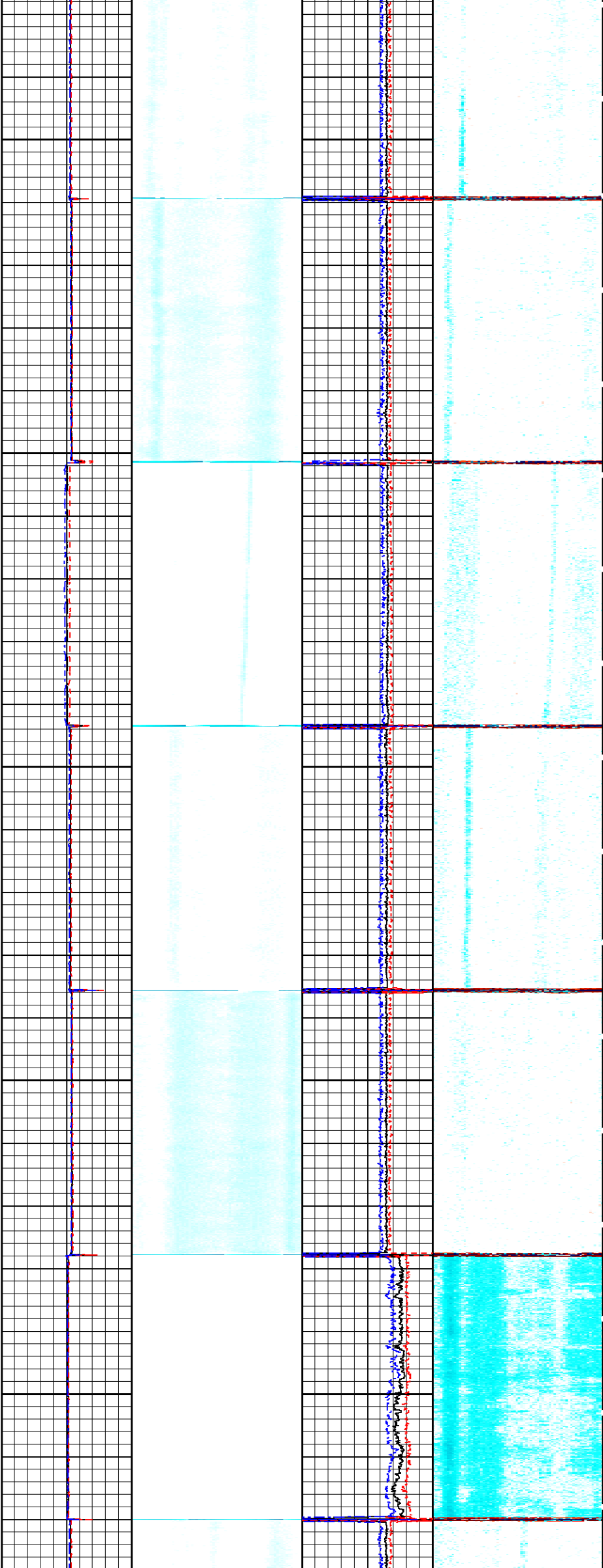
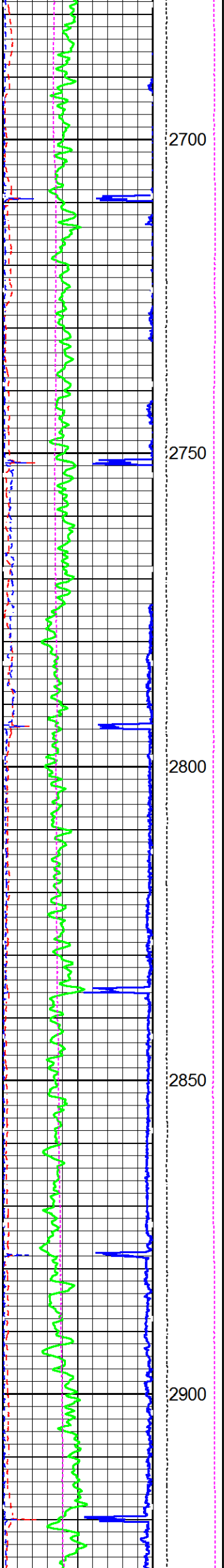


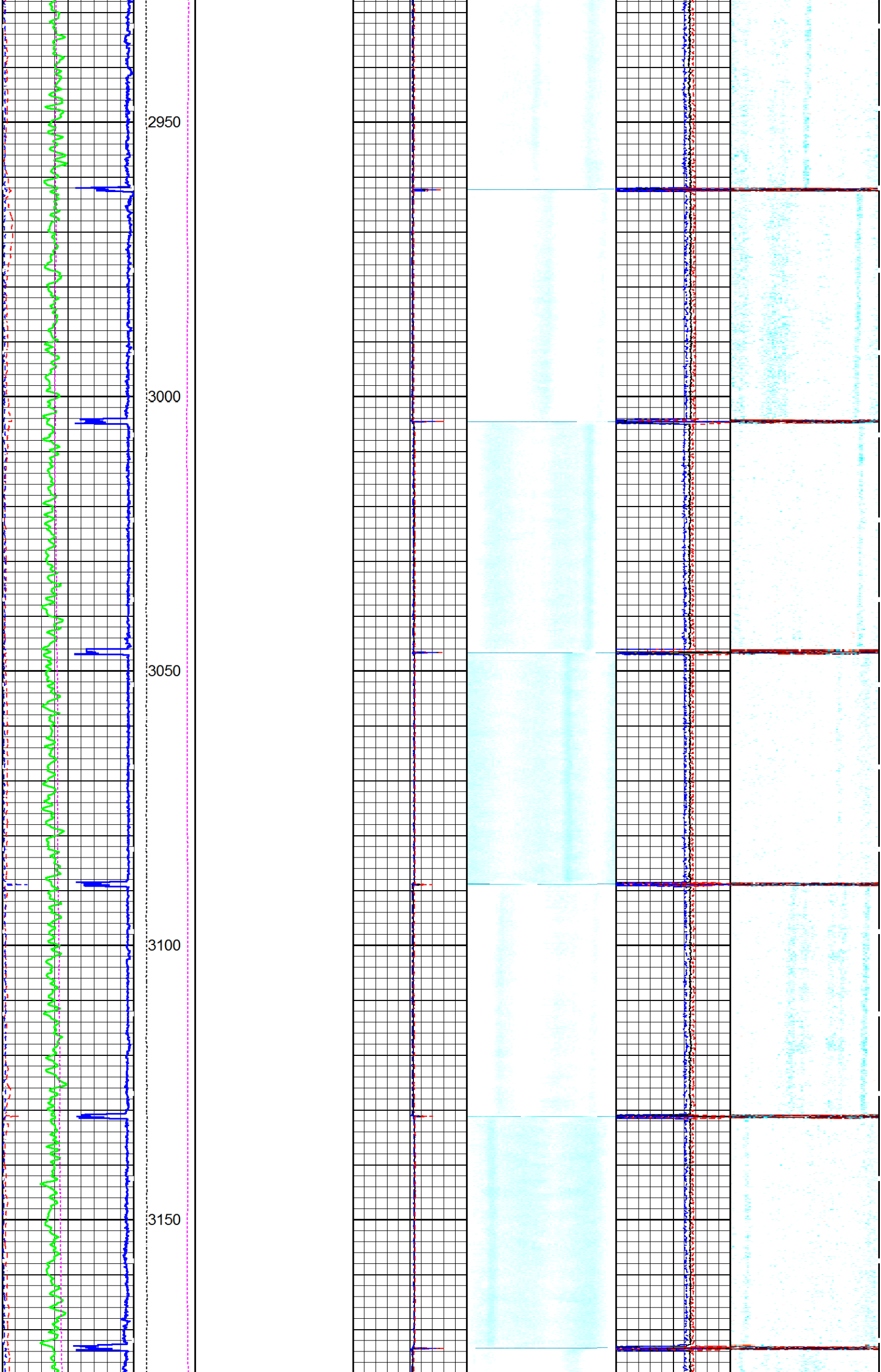




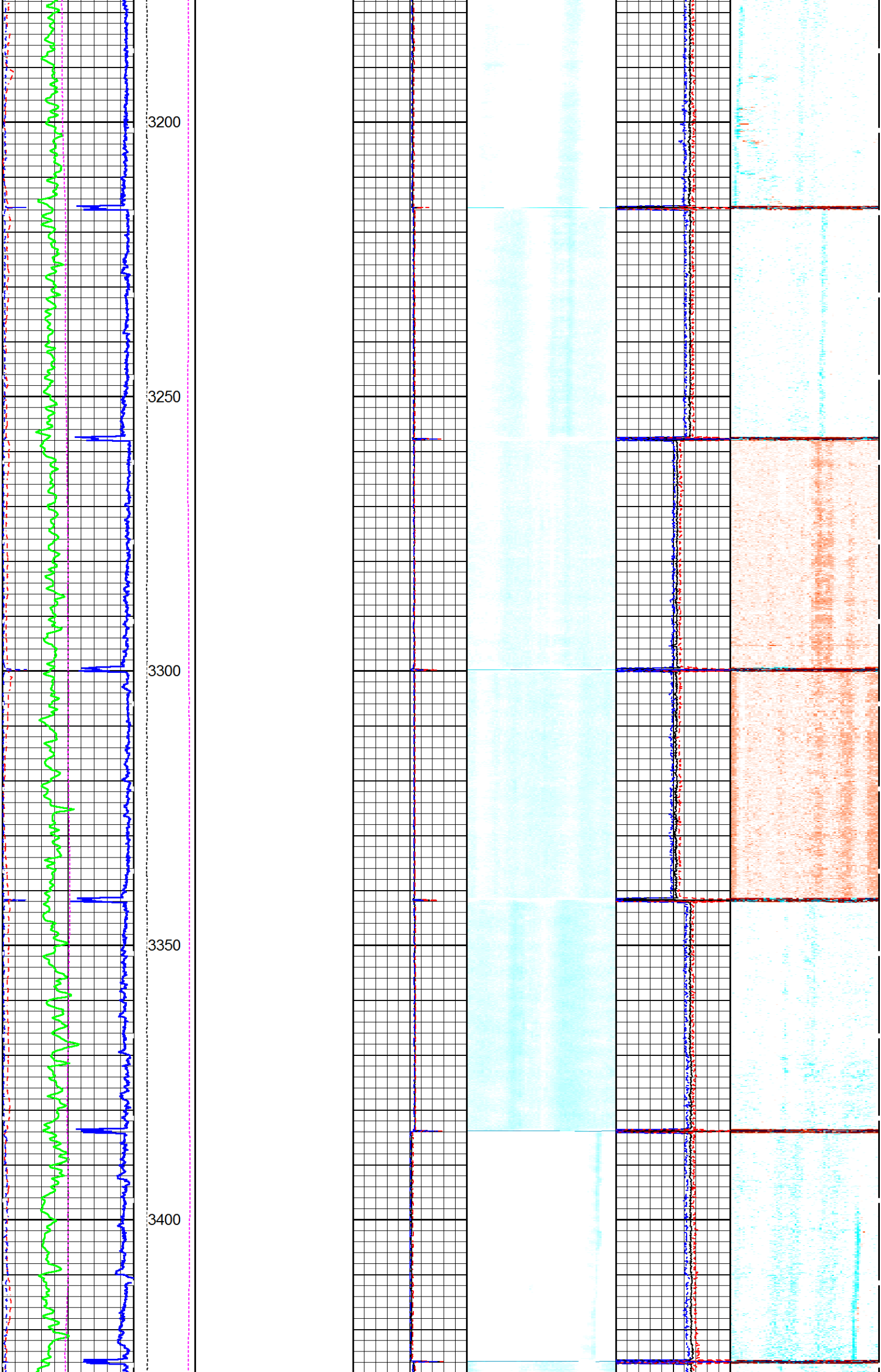


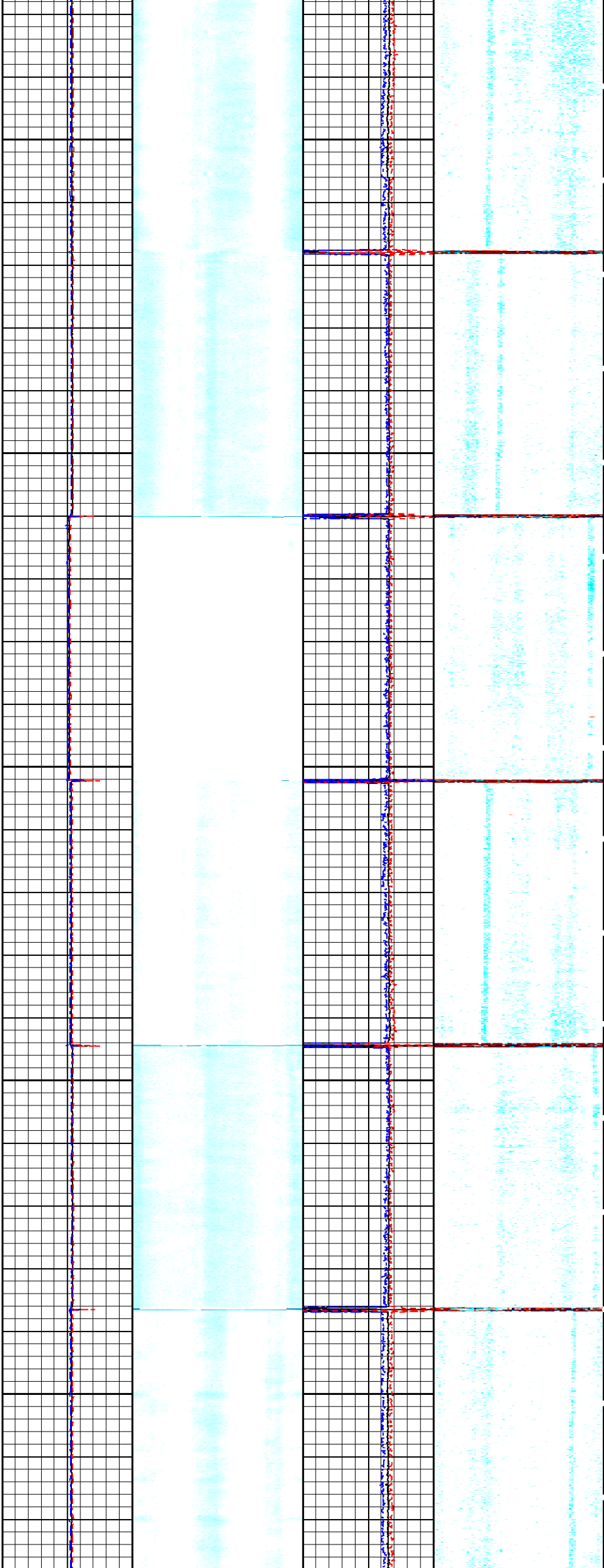
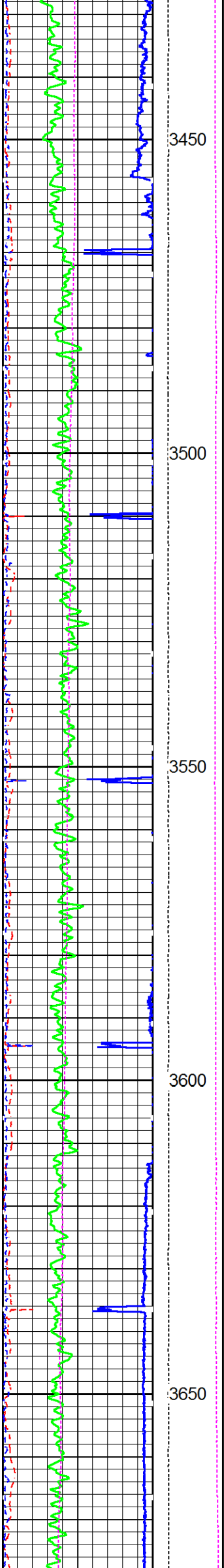


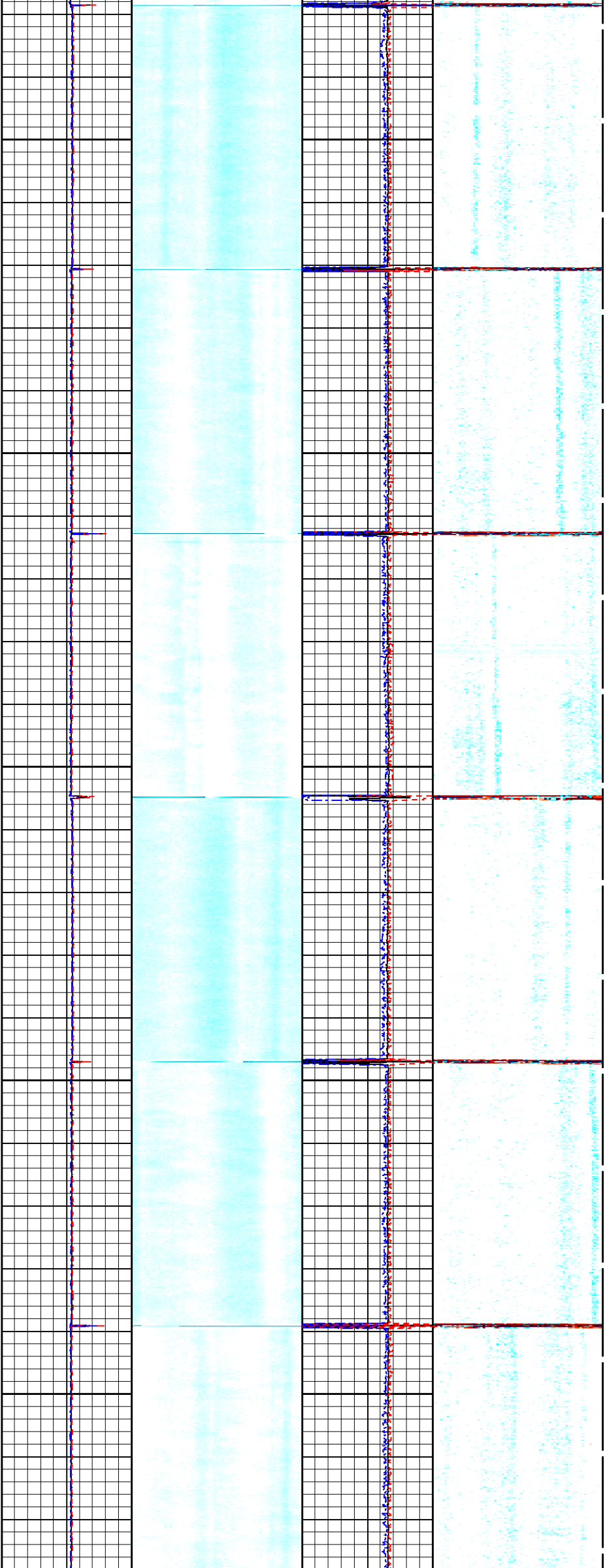
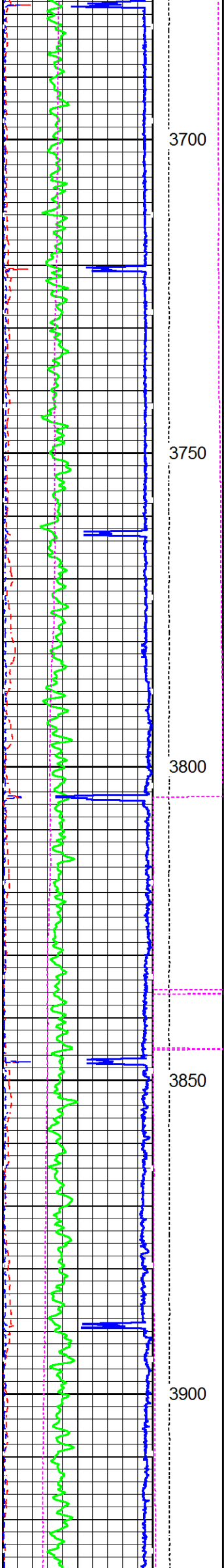




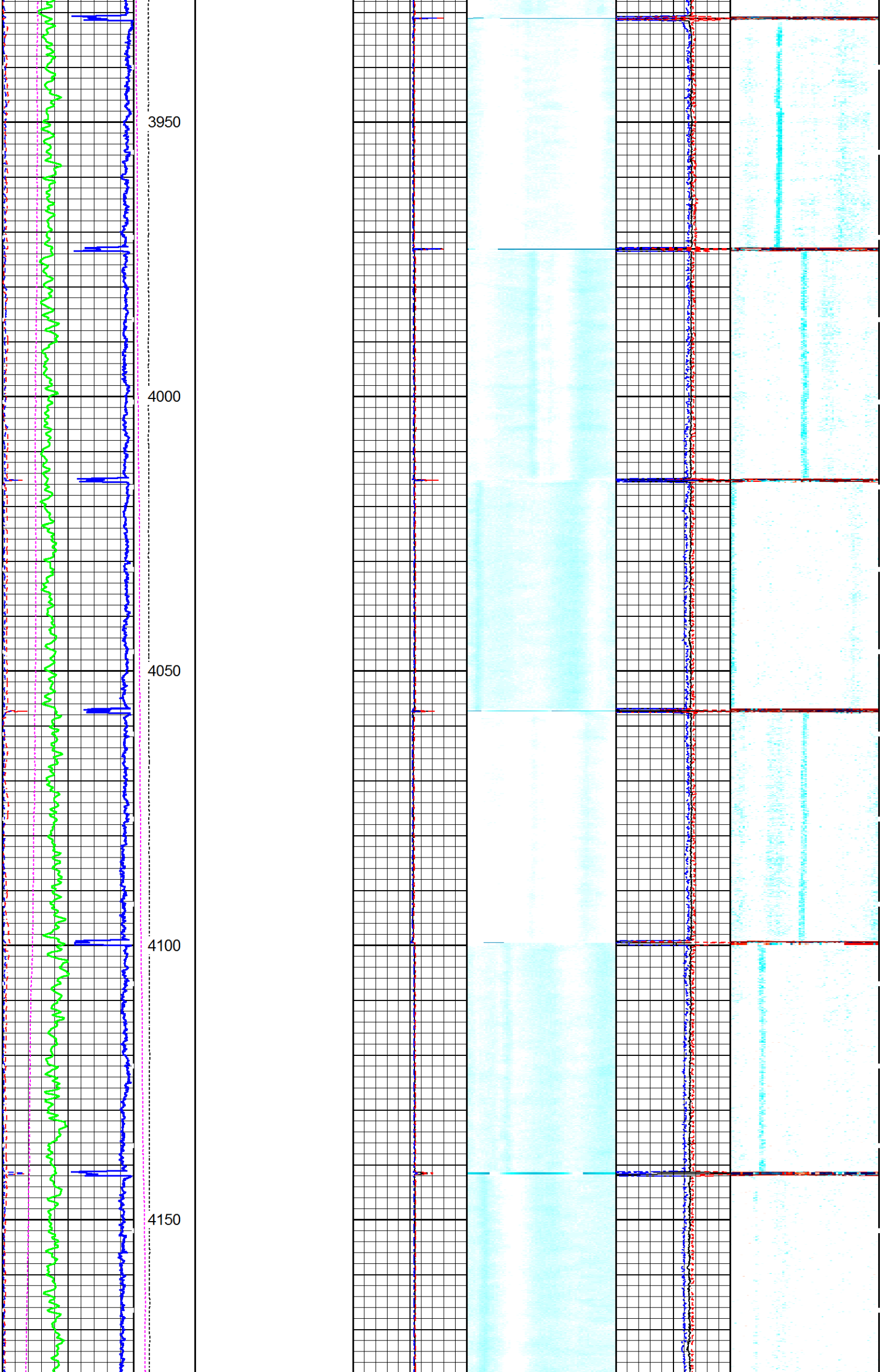


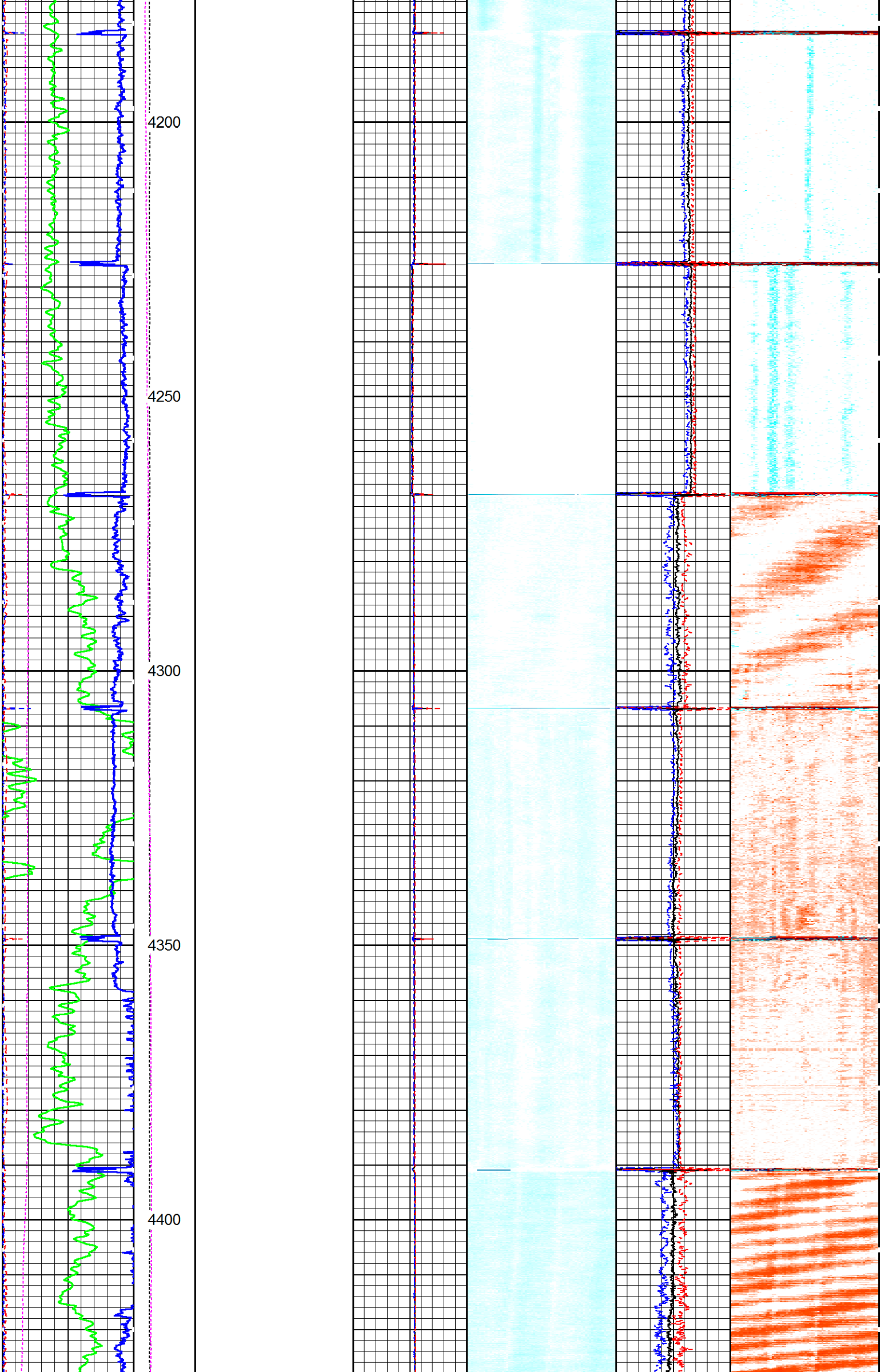


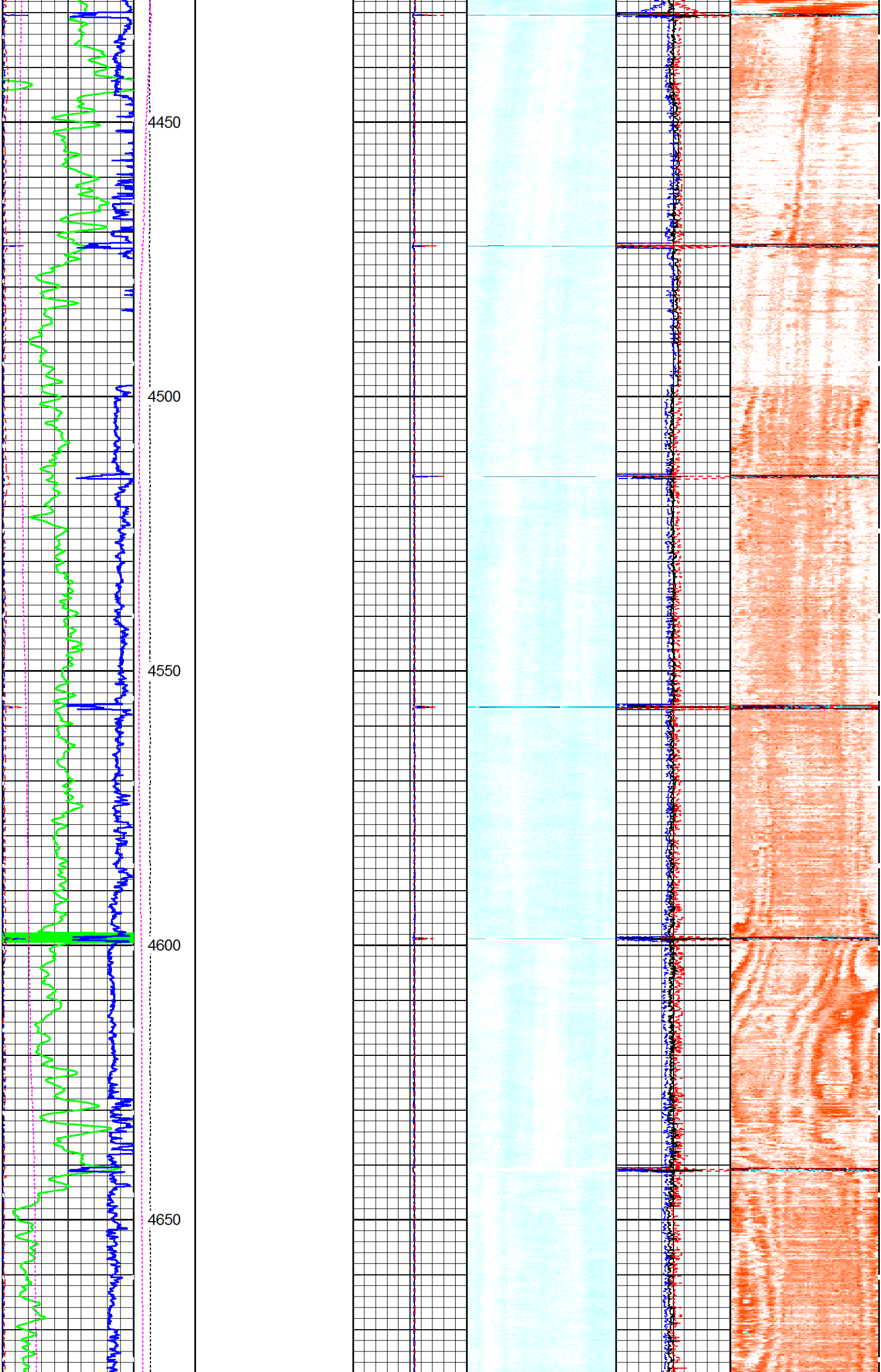




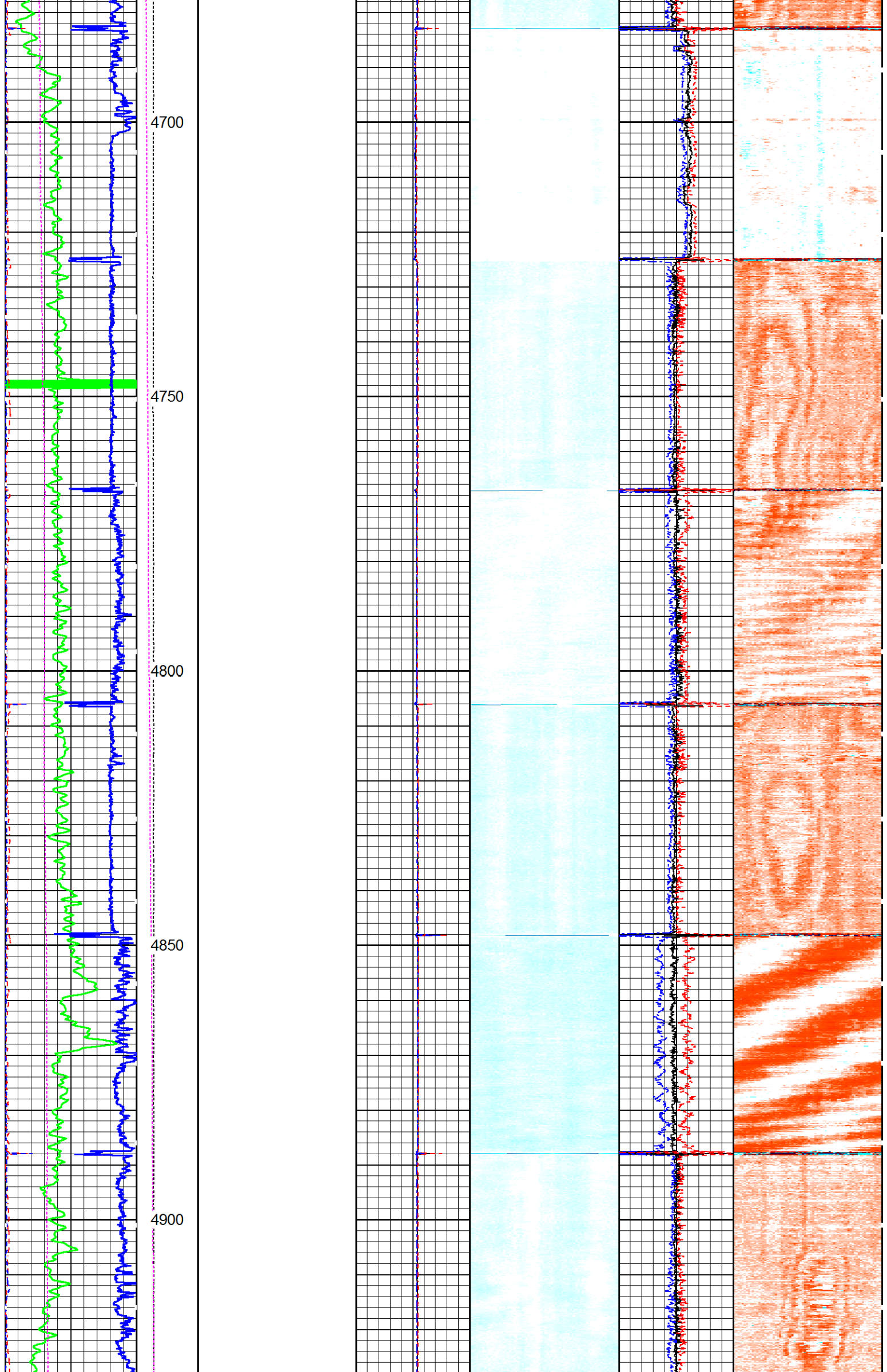


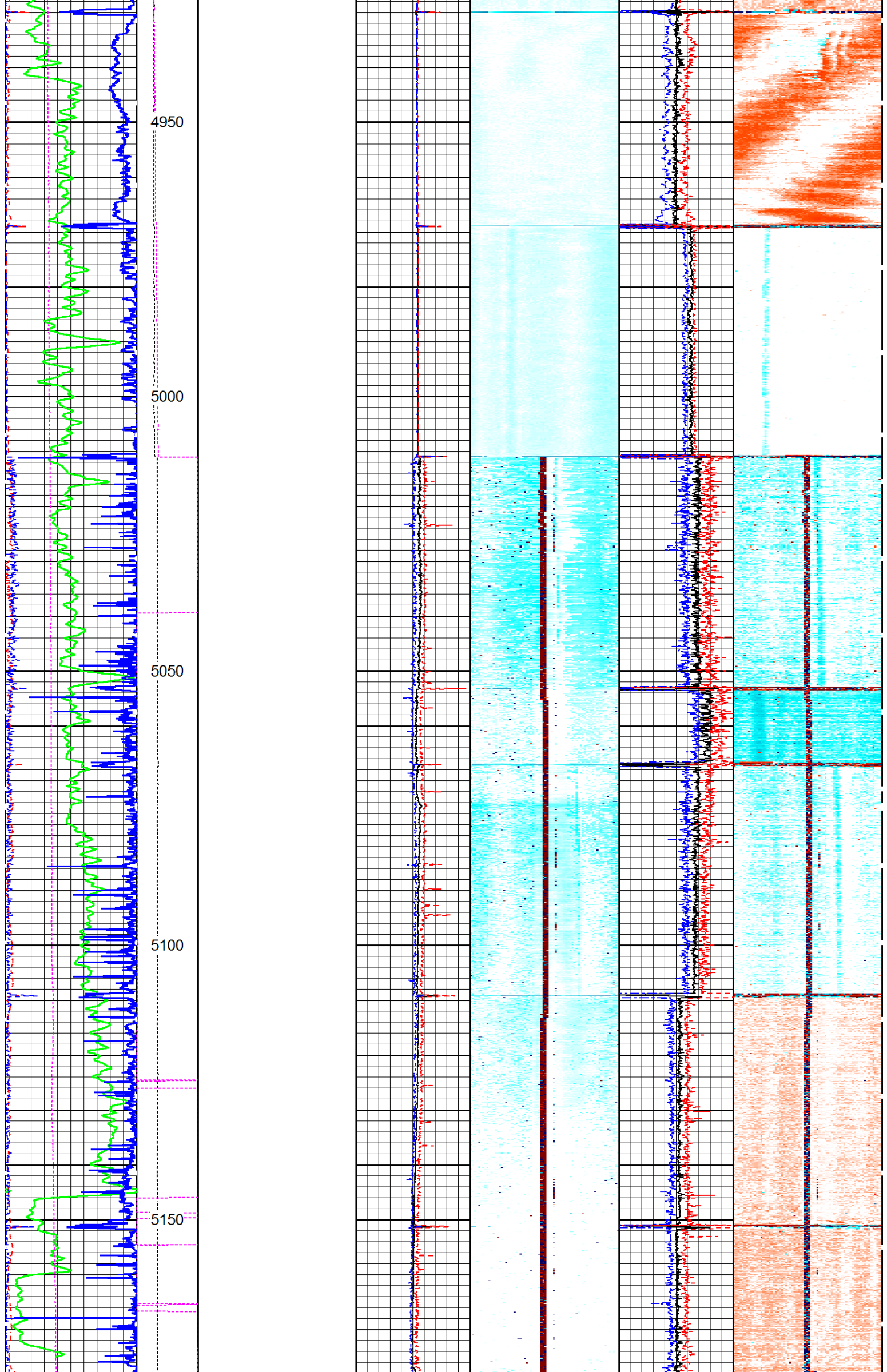




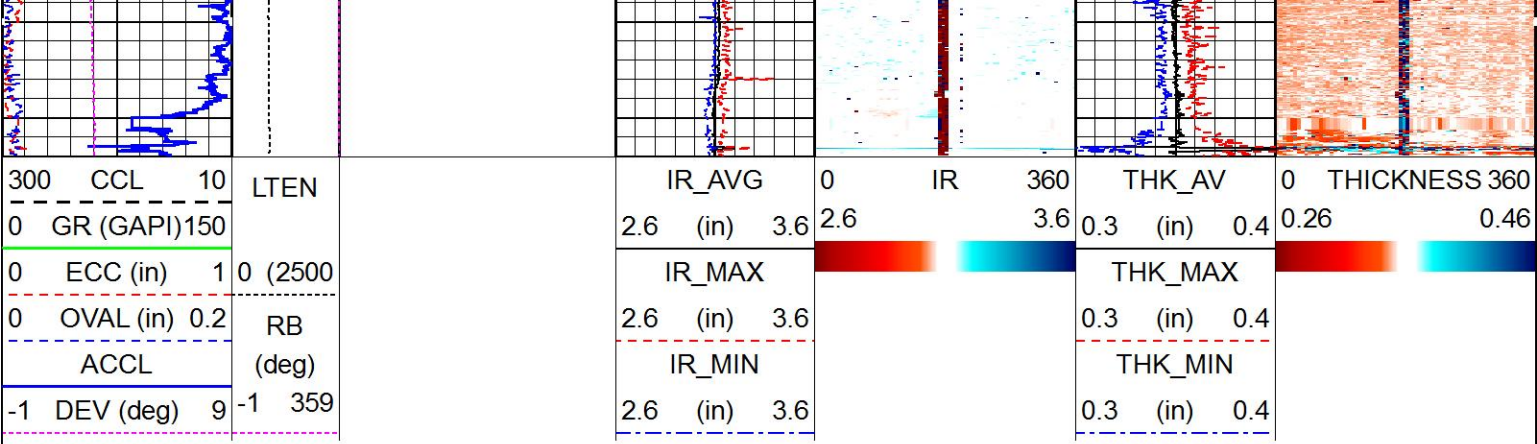








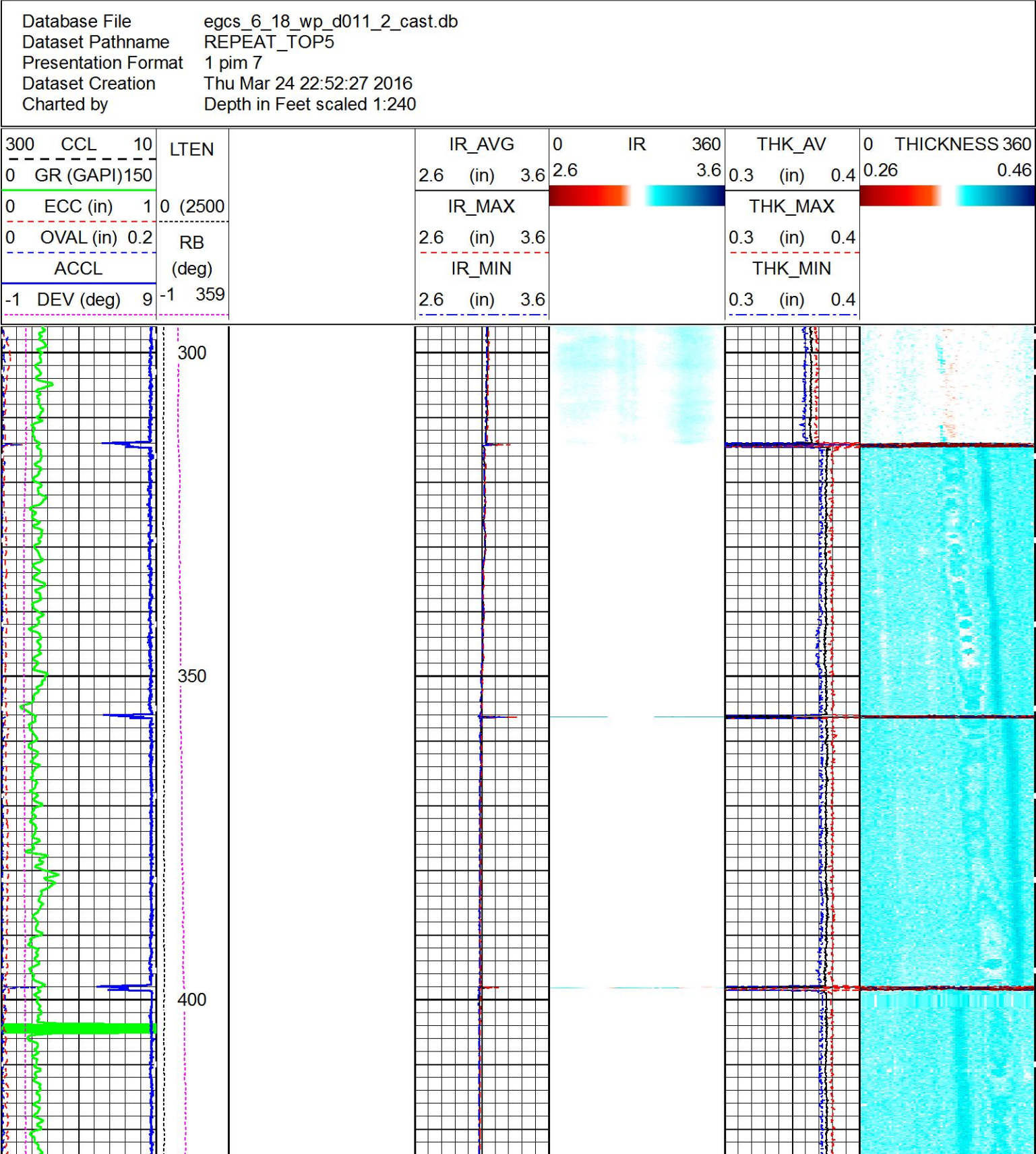




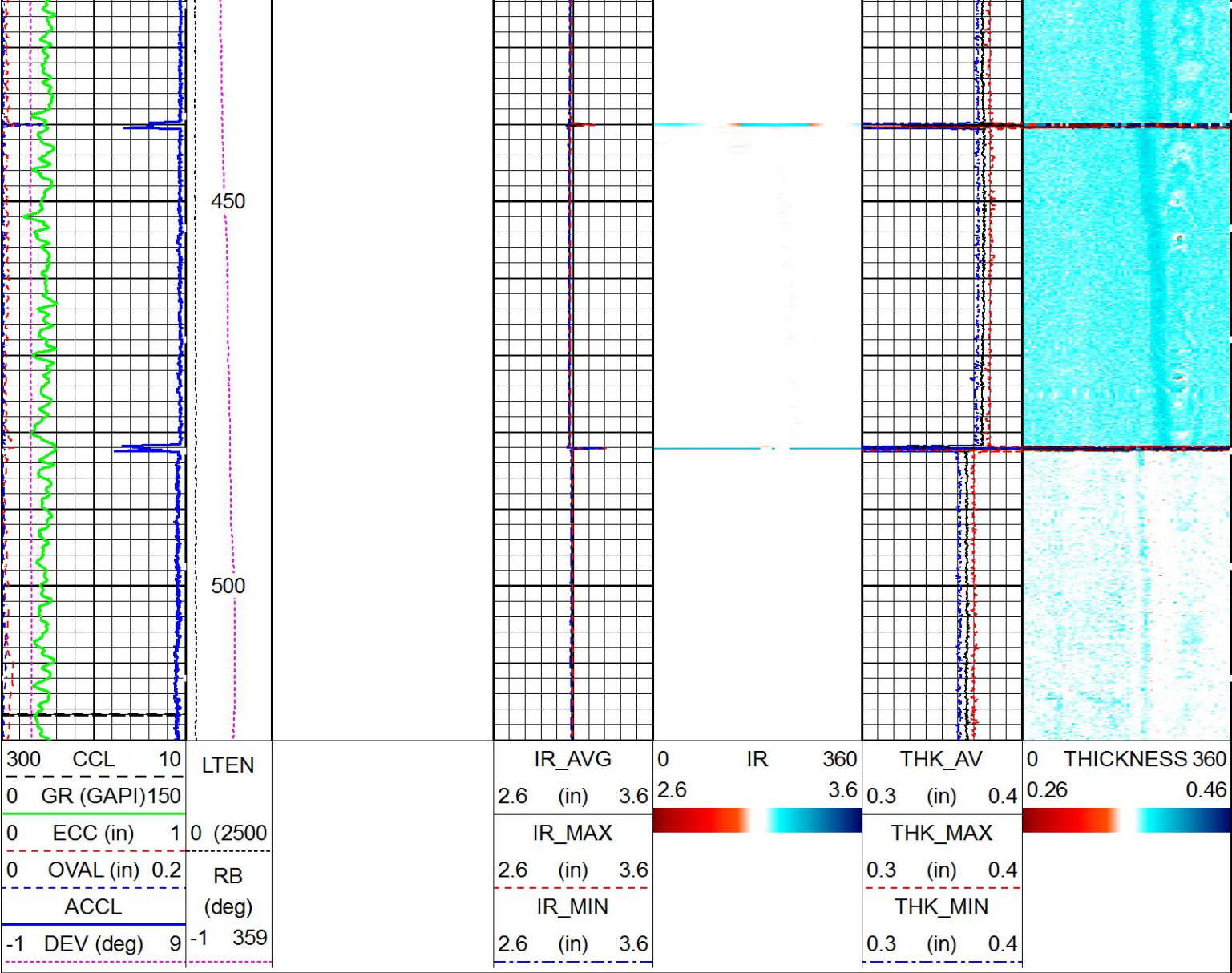
MAIN PASS

HALLIBURTON

5" = 100'







Log Variables

DatabaseC:\ProgramData\Warrior\Data\egcs\_6\_18\_wp\_d011\_2\_cast.db  
Dataset field/well/run1/REPEAT\_TOP5/\_vars\_

Top - Bottom

BHTEMP_Src	USERFTT	ZREF	CASEWGHT	SRFTEMP	MudWgt	CASETHCK	CASEOD
ITEMPX	usec/ft	MRayl	lb/ft	degF	lb/gal	in	in
	0	1.7	26	30	8.5	0.362	7

PERFS	TDEPTH	BOTTEMP	BITSIZE
0	ft	degF	in
	5205	169	8.75

Calibration Report

Database File egcs\_6\_18\_wp\_d011\_2\_cast.db  
Dataset Pathname MAIN\_FINAL  
Dataset Creation Fri Mar 25 11:00:23 2016

Circumferential Acoustic Scanning Tool Downhole Calibration Report

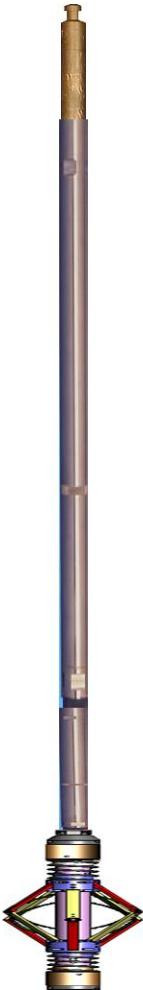
Serial-Model: 11488892-4 3/8 SCAN  
Calibration Performed: Thu Mar 24 16:58:52 2016


Averaged Results

Name	Value	Units
TT-Main	48.7	usec
Amp-Main	65.4	
Frq-Main	270.2	khz
TT-Mud	45.8	usec
Amp-Mud	55.6	
TT-LWw1	48.8	usec

TT-LWw2	93.3	usec
Amp-LWw1	65.6	
Amp-LWw2	39.2	
Frq-LWw	335.1	khz
TT-MWw1	45.8	usec
TT-MWw2	87.6	usec
Amp-MWw1	55.9	
Amp-MWw2	19.8	
Frq-MWw	319.1	khz
Calibrated Offsets		
Name	Value	
TCAL	4.3	
MCAL	4.0	

XY Accelerometers Calibration Report						
Performed:	(Not Performed)					
	Low Read.	High Read.		Low Ref.	High Ref.	
X Accelerometer	0.000	1.000	gee	0.000	1.000	gee
Y Accelerometer	0.000	1.000	gee	0.000	1.000	gee
Gamma Ray Calibration Report						
Serial Number:	10010734					
Tool Model:	002					
Performed:	Tue Mar 08 14:57:04 2016					
Calibrator Value:	190.0	GAPI				
Background Reading:	42.0	cps				
Calibrator Reading:	184.4	cps				
Sensitivity:	1.3349	GAPI/cps				

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
CCL	24.68		STNDCH-STND_CH Fishing Neck	1.50	2.00	1.00
			TTTCU-002 (10010734) Through Tubing Telemetry Cartridge - Ultrawire	7.65	1.69	100.00
			XHU-003 (11899561) Crossover Halliburton 1553 to Ultrawire	1.58	1.69	7.00
			CENT-CASTM-CENT CAST M INLINE CENTRALIZER	2.16	3.13	25.00

			HAL-CAST-M-ELECT-CAST-M-Elect (11927.573) CAST M ELECTRONIC		2.75	30.00	
AccY2	0.00		HAL-CAST-M-4 3/8 SCAN (11488892) 4 3/8 SCAN CASTM		7.78	4.38	276.00
AccX2	0.00						
AccY1	0.00						
AccX1	0.00						
SCAN	0.00						
LOCTIM	0.00						
UTCTIM	0.00						
LLMTEN	0.00						
Dataset: egcs_6_18_wp_d011_2_cast.db: field/well/run1/MAIN_FINAL							
Total length: 28.25 ft							
Total weight: 439.00 lb							
O.D.: 4.38 in							

Company	EAST CHEYENNE GAS STORAGE, LLC.				
Well	ECGS 6-18 WP-D011-2				
Field	WEST PEETZ				
County	LOGAN	State	CO		
HALLIBURTON	CIRCUMFERENTIAL ACOUSTIC SCANNING TOOL CASING INSPECTION				