



RBL CCL GAMMA-RAY CEMENT BOND LOG

Pioneer Energy Services

Company KERR MC GEE OIL & GAS ONSHORE LP
Well RATTLER 36N-3HZ
Field WATTENBERG
County WELD State COLORADO

Location: API # : 05123366030000 Other Services

SEC 34 TWP 3N RGE 66W
BHL 1' FSL & 2615' FWL
Permanent Datum GL Elevation 5008'
Log Measured From KB
Drilling Measured From KB
Elevation K.B. 5025'
D.F. 5024'
G.L. 5008'

Date

8-4-13

Run Number

ONE

Depth Driller

12353'

Depth Logger

6740'

Bottom Logged Interval

6740'

Top Log Interval

SURFACE

Open Hole Size

8.75"

Type Fluid

WATER

Density / Viscosity

NA

Max. Recorded Temp.

231 DEG. F

Estimated Cement Top

1070'

Time Well Ready

NA

Time Logger on Bottom

NA

Equipment Number

1

Location

FT MORGAN

Recorded By

TODD YOUNG

Witnessed By

CHRIS HAYES

Borehole Record

Tubing Record

Run Number

Bit

From

To

Size

Weight

From

To

Casing Record

Surface String

Size

Wgt/Ft

Top

Bottom

Prot. String

7"

26#

SURFACE

7699'

Production String

Liner

<<< Fold Here >>>

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

SO# 2-204222

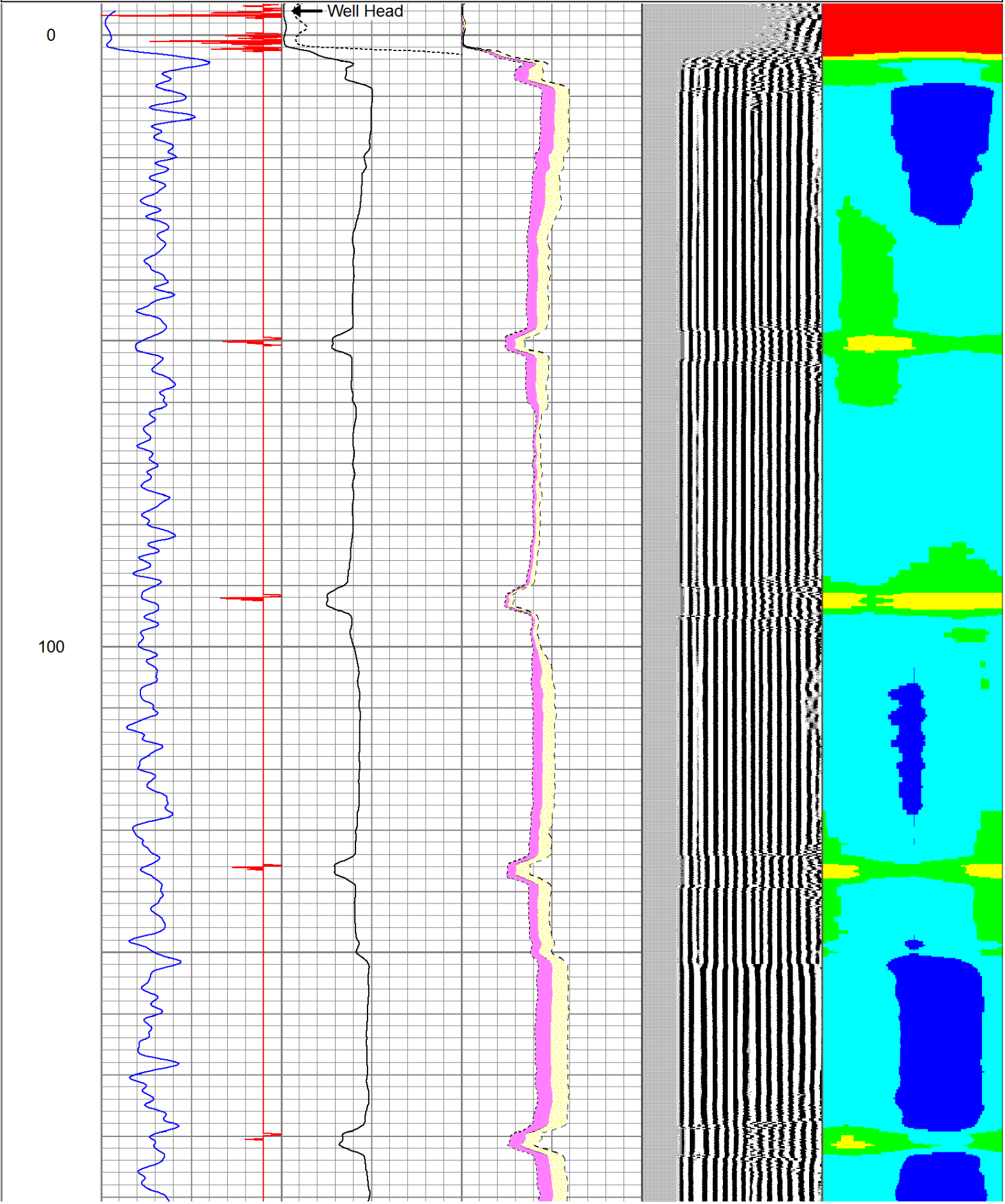
WELL LOGGED UNDER 2800 PSI

THANK YOU FOR USING
PIONEER ENERGY SERVICES

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

Tool Name	Length (ft)	Weight (lb)	O.D. (in)	Notes
PTS275	2.83	2.75		
RBT-Probe (Base)	8.92	2.75	90.00	Probe Radii Bond Tool with Digital Telemetry
WVFCAL	11.50			
WVFS1	11.50			
WVFS2	11.50			
WVFS3	11.50			
WVFS4	11.50			
WVFS5	11.50			
WVFS6	11.50			
WVFS7	11.50			
WVFS8	11.50			
WVF5FT	10.42			
PTS275	2.83	2.75		
CCL	3.64			
GR-Probe (275)	4.33	2.75	30.00	Probe 2.75" 4 Channel Pulse
GR	0.90			
Dataset: rattler 36n-3hz.db: field/well/run1/pass2 Total Length: 18.92 ft Total Weight: 120.00 lb O.D.: 2.75 in				

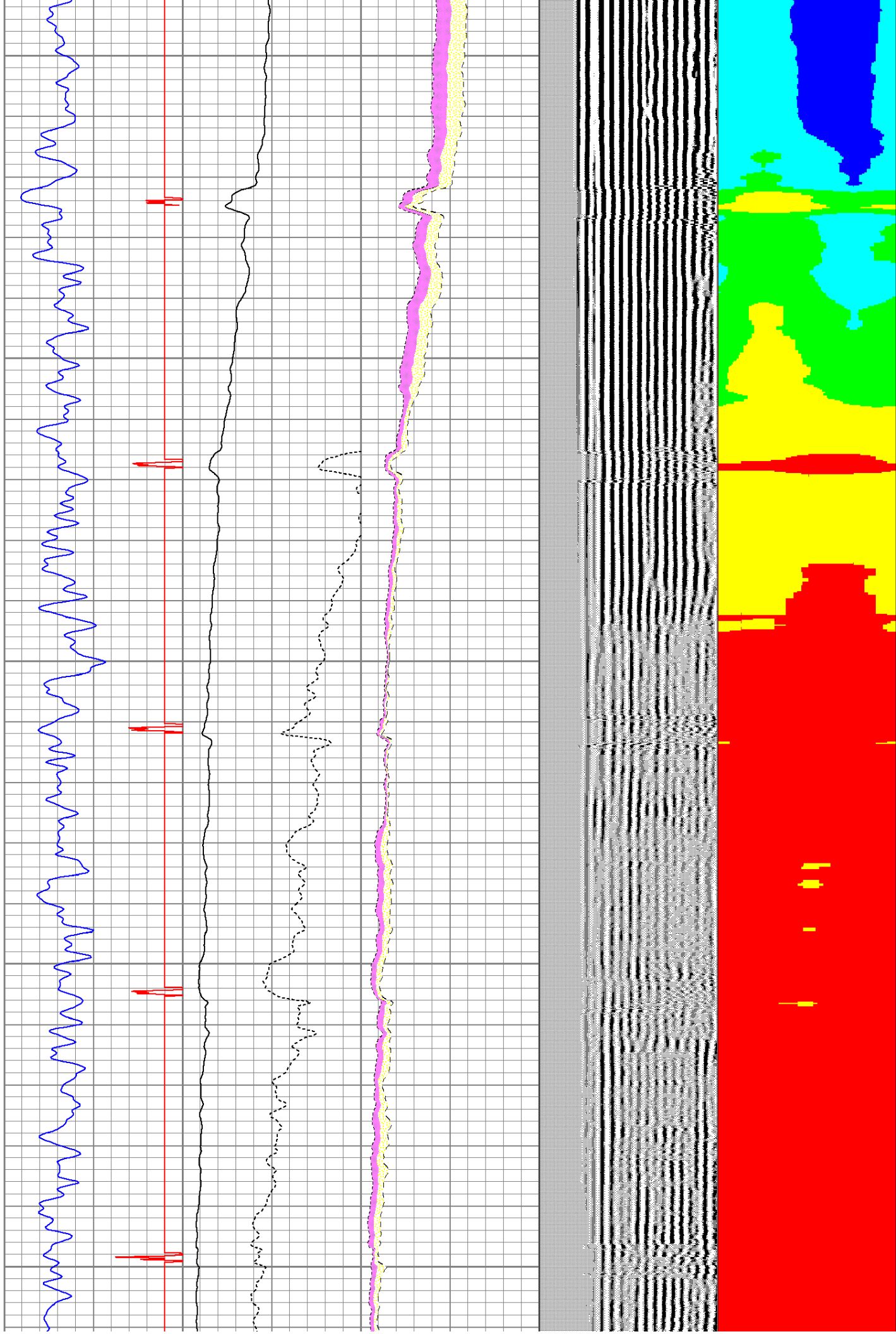
	-9	CCL	1	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	SECTOR MAP	8
	0	GR (GAPI)	175	0	AMPx5 (mV)	20	0	AMPMAX	150				25		75
							0	AMPMIN	150						



200

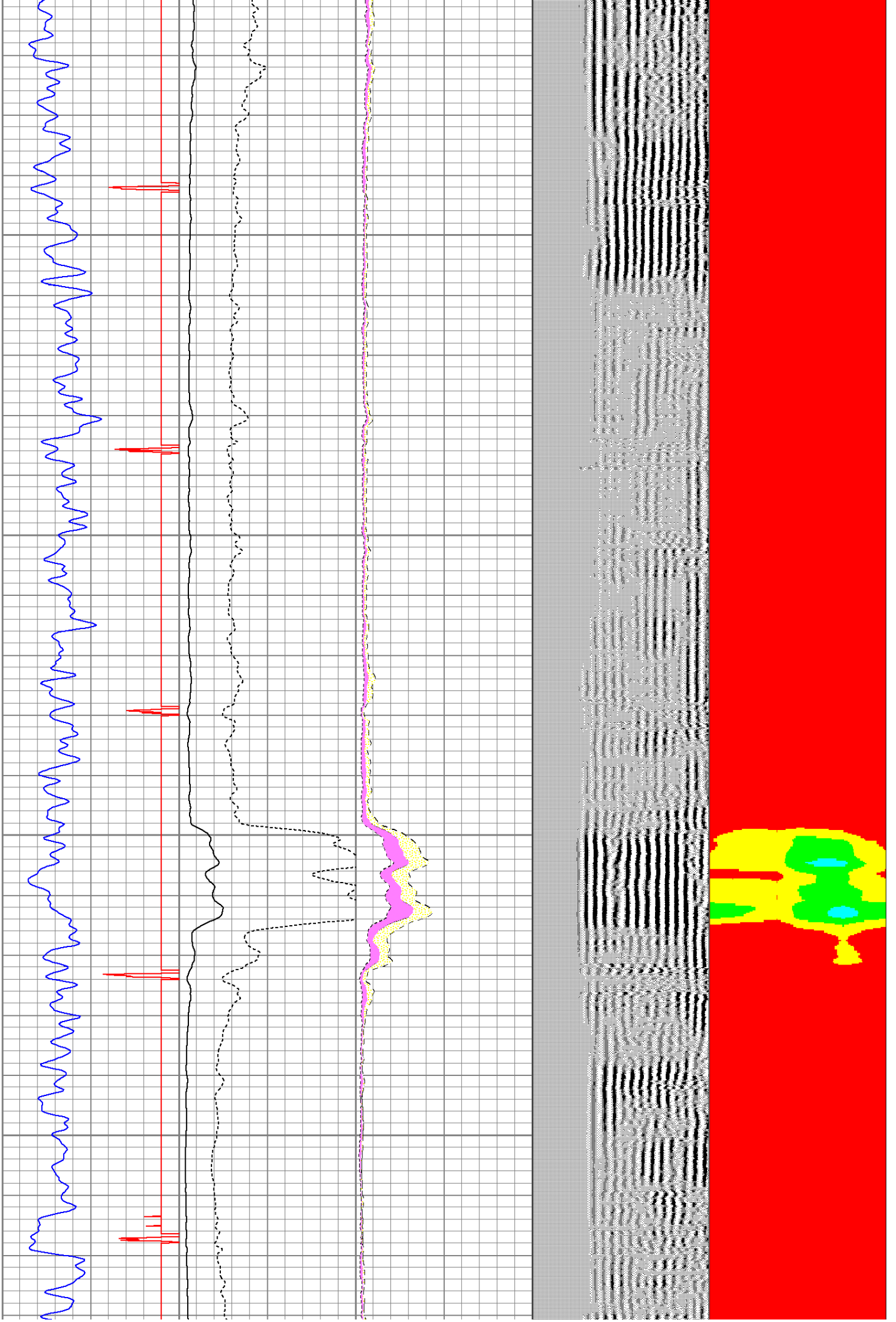
300

400



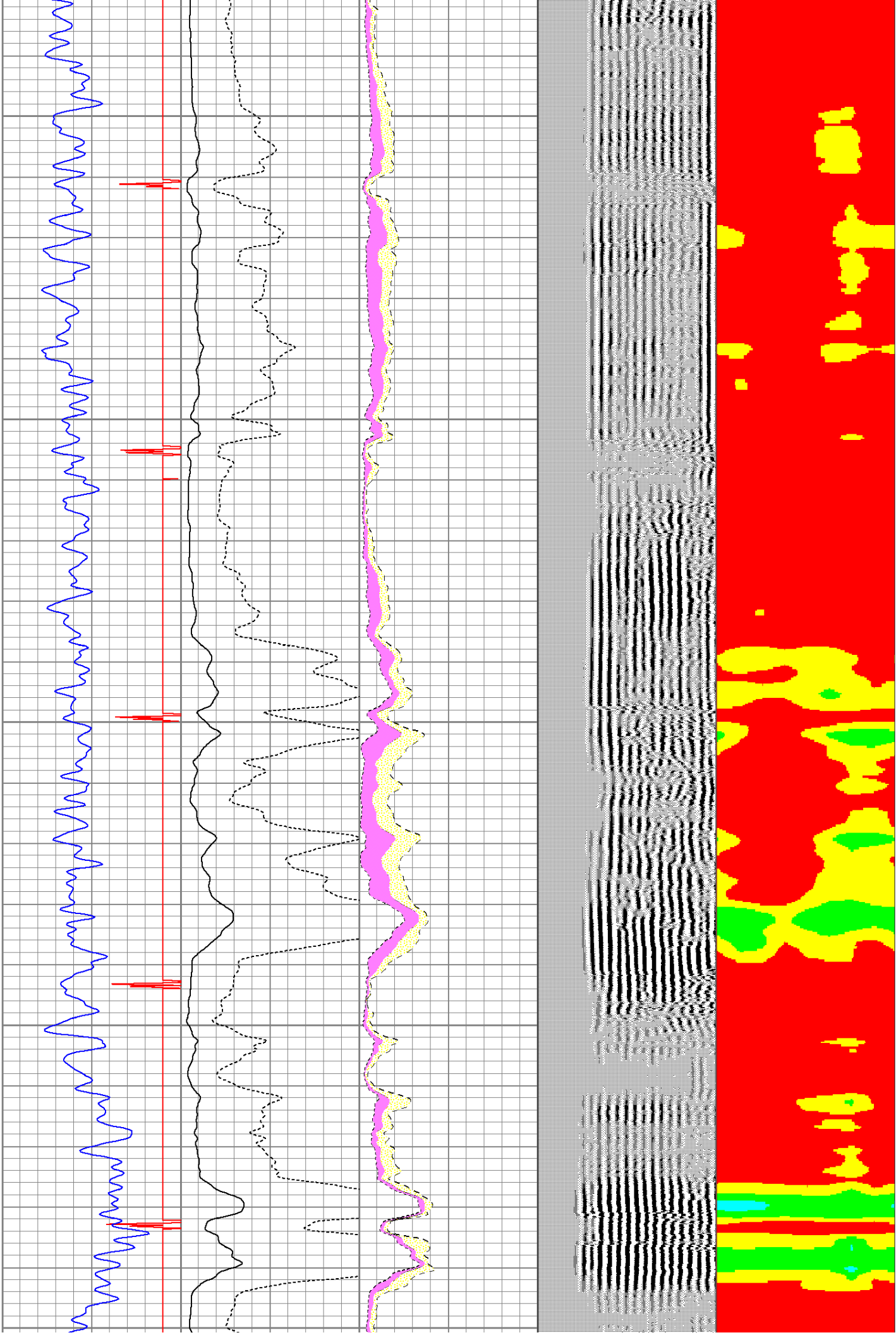
500

600



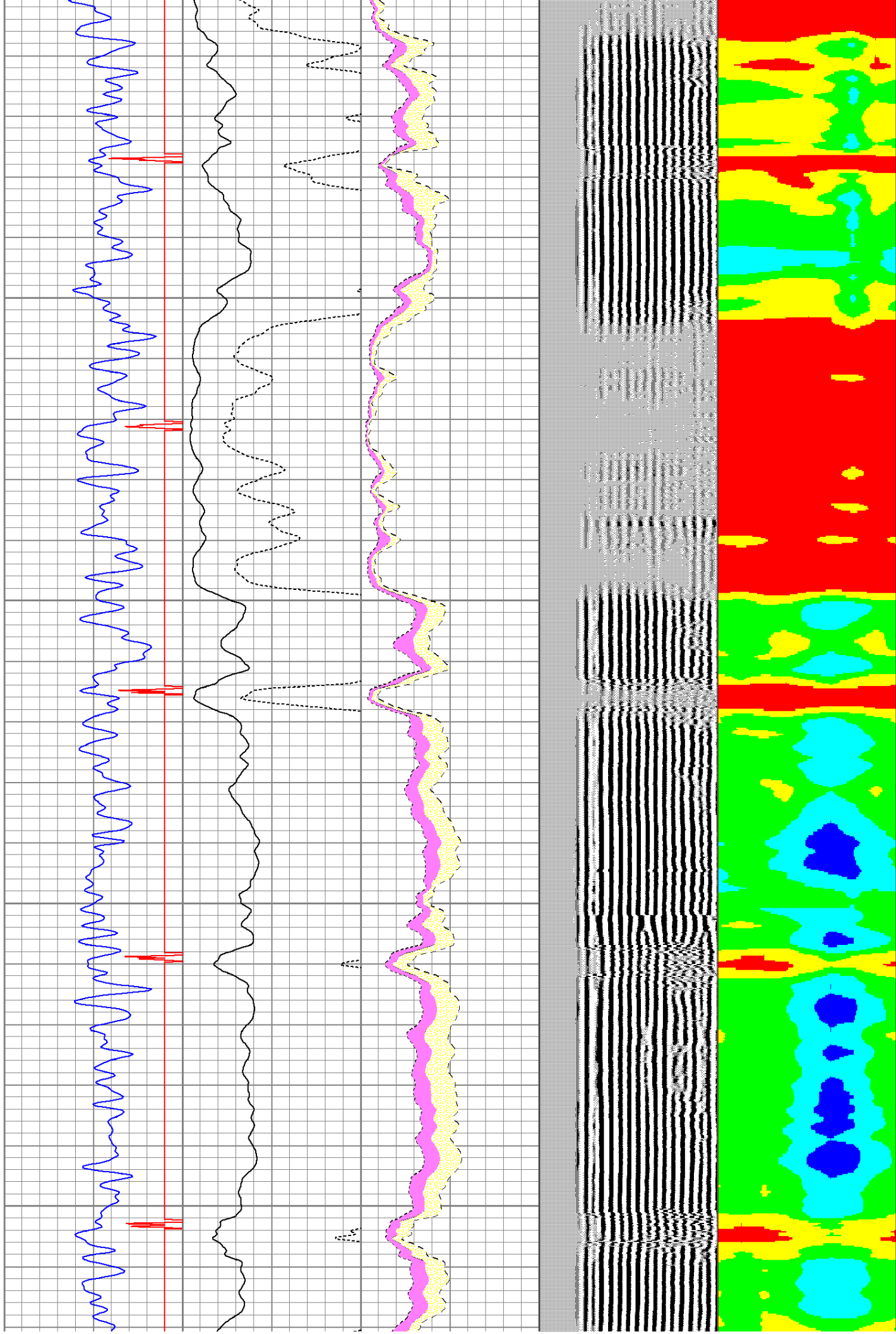
700

800



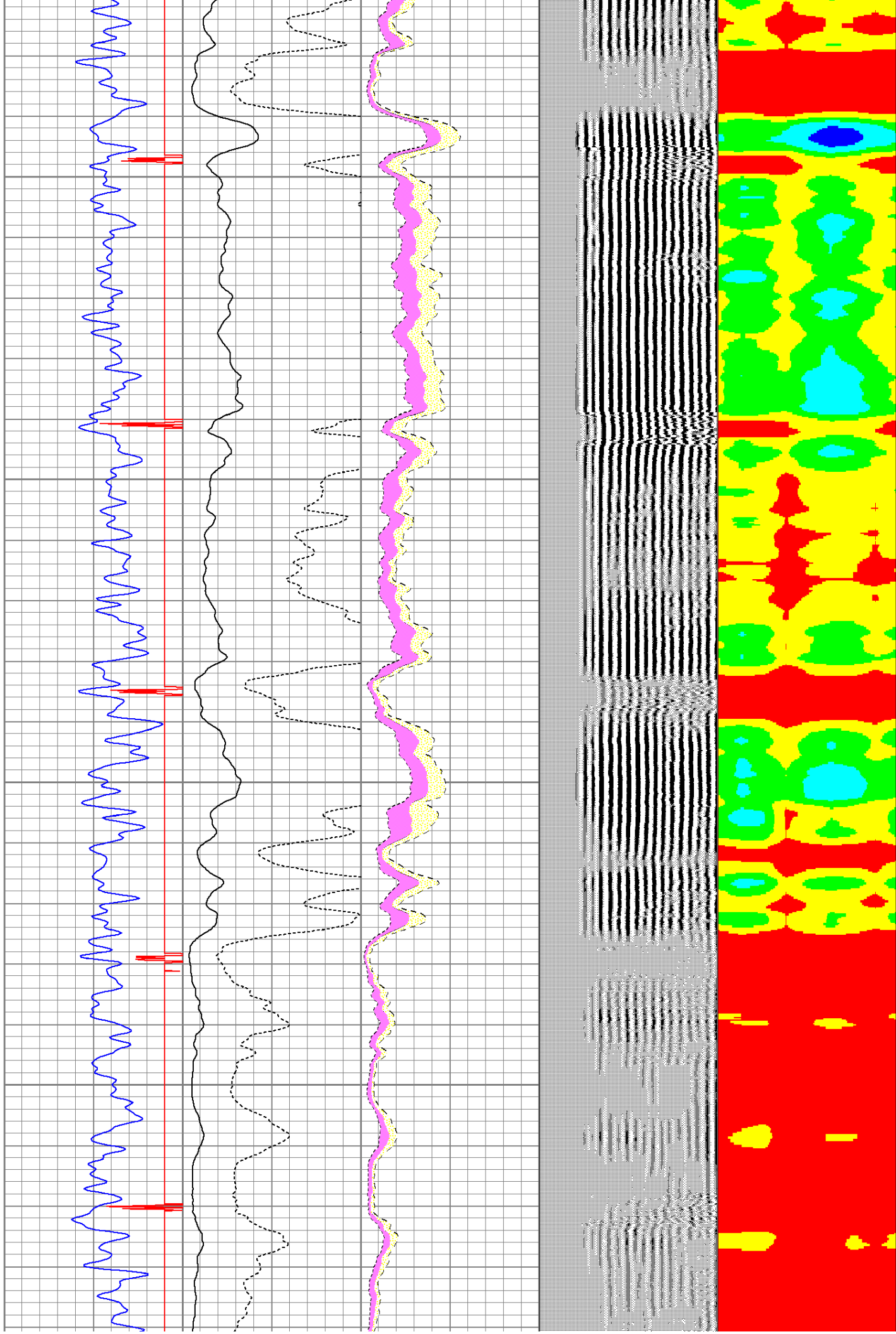
900

1000



1100

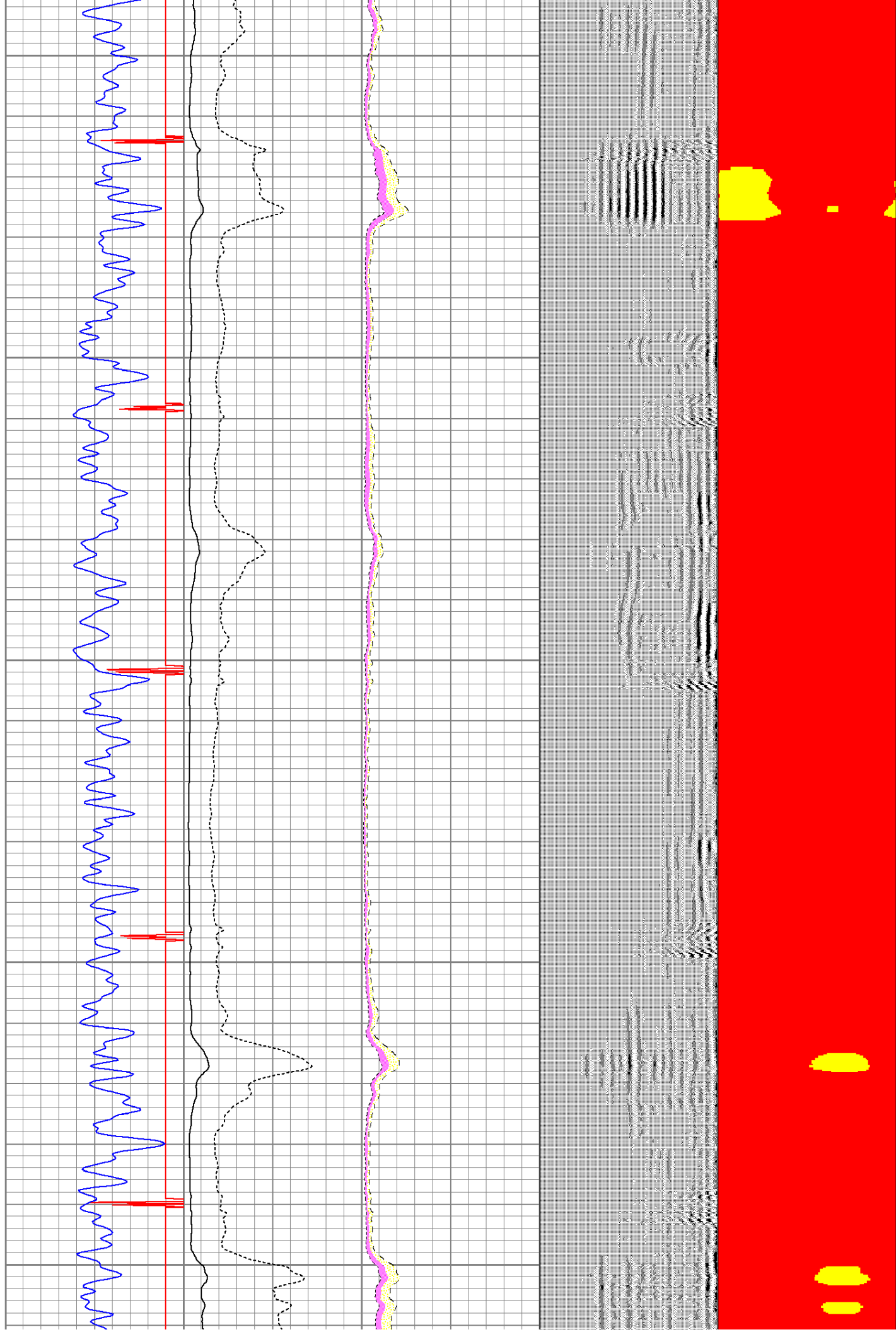
1200



1300

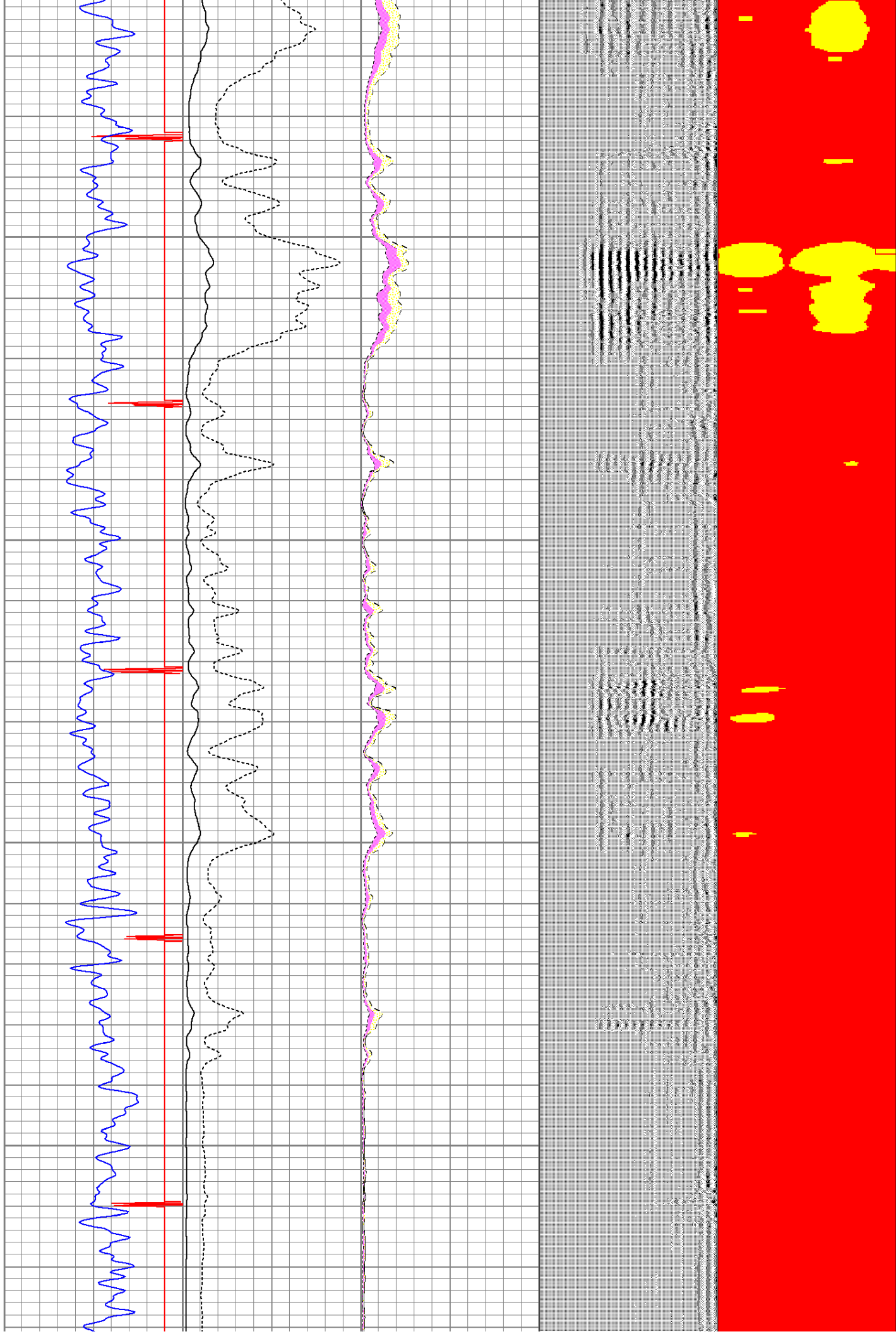
1400

1500



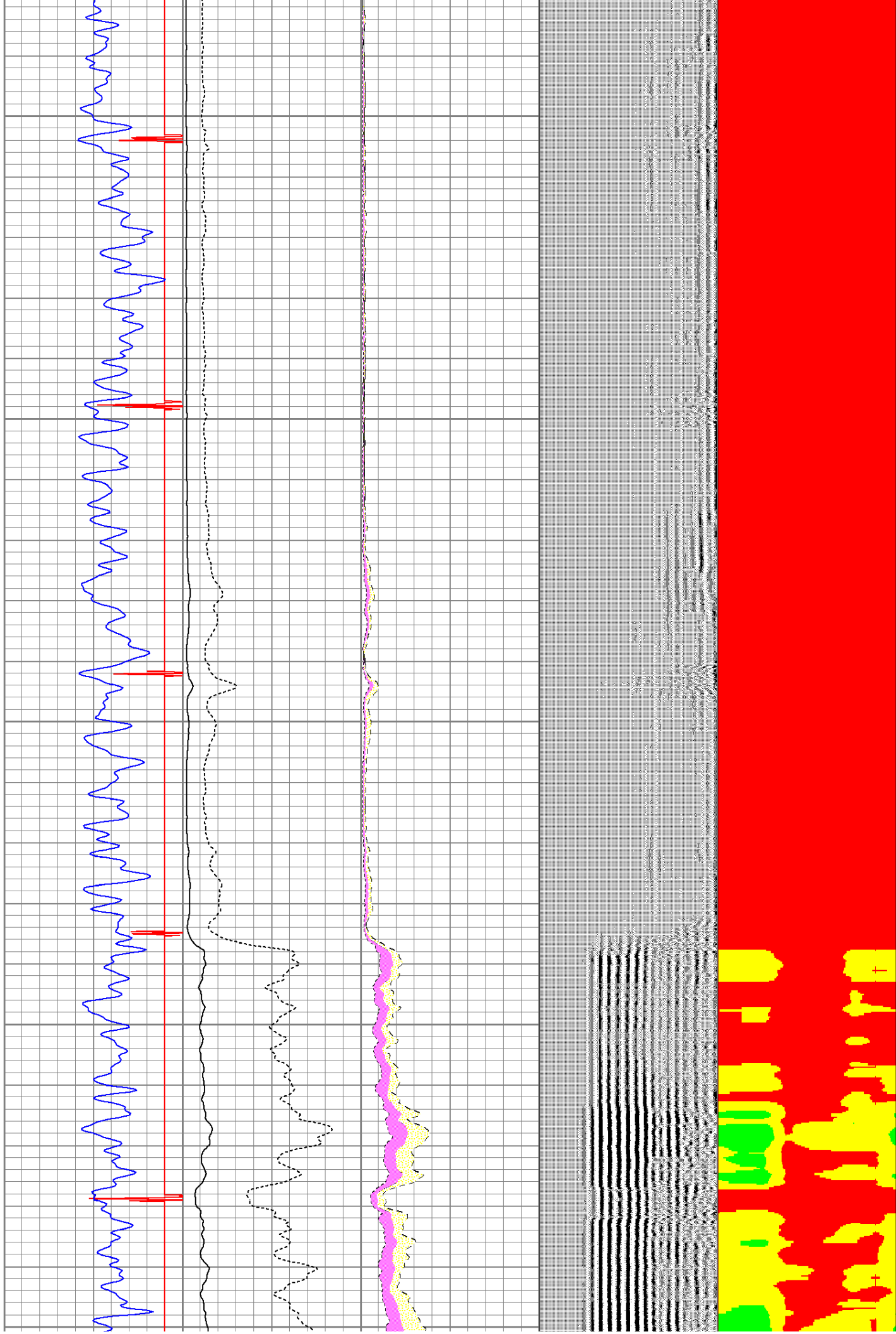
1600

1700



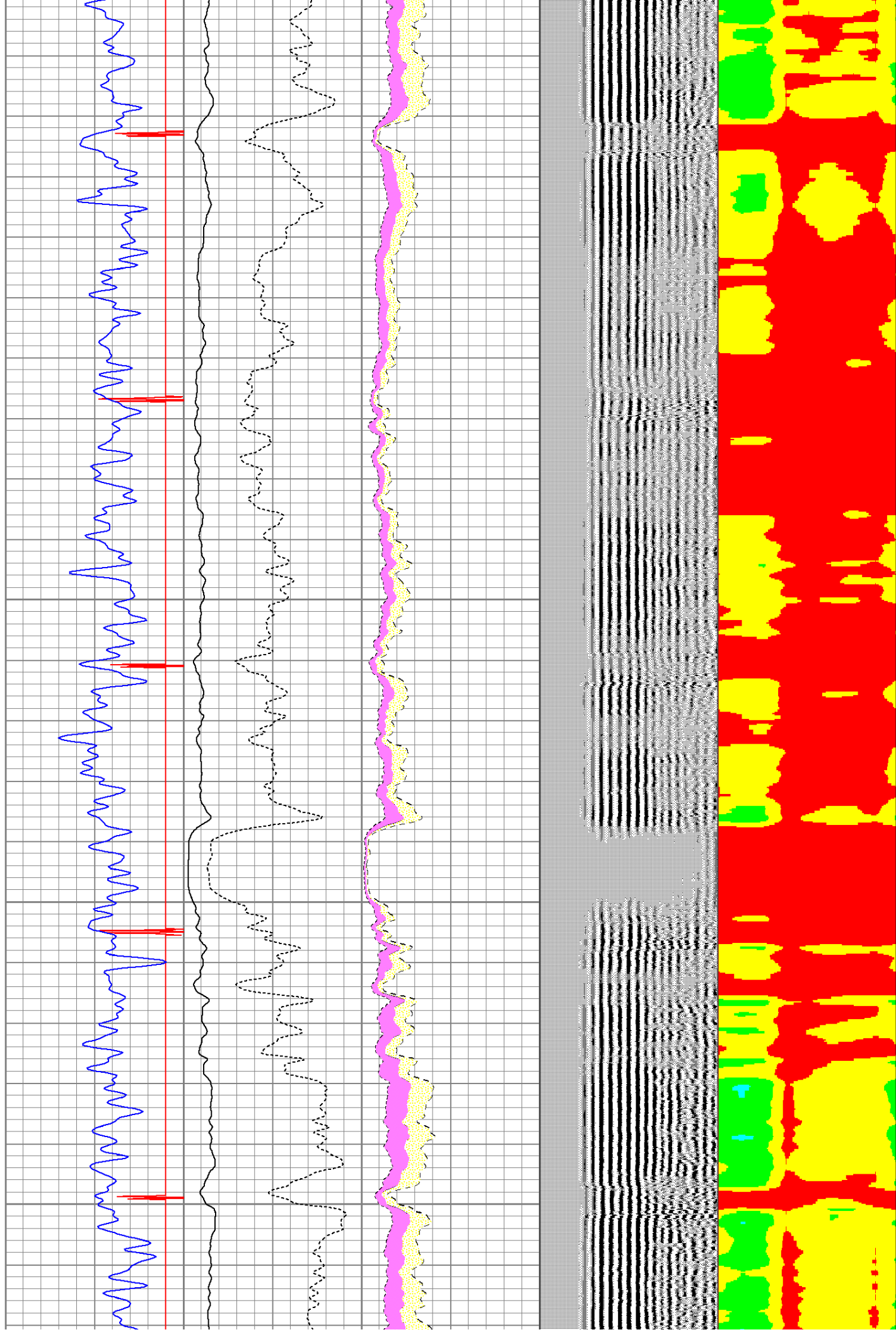
1800

1900



2000

2100

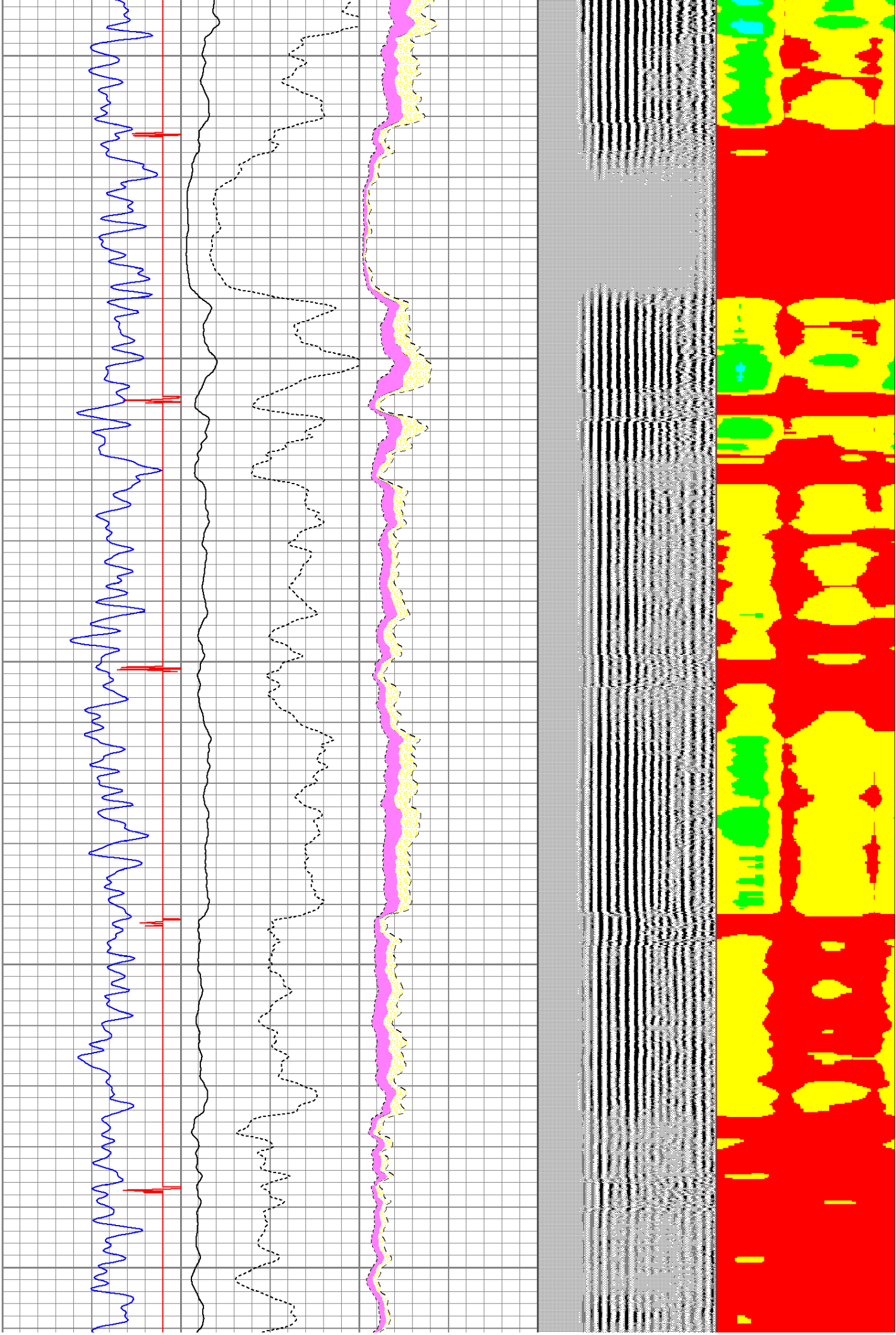


2300

2400

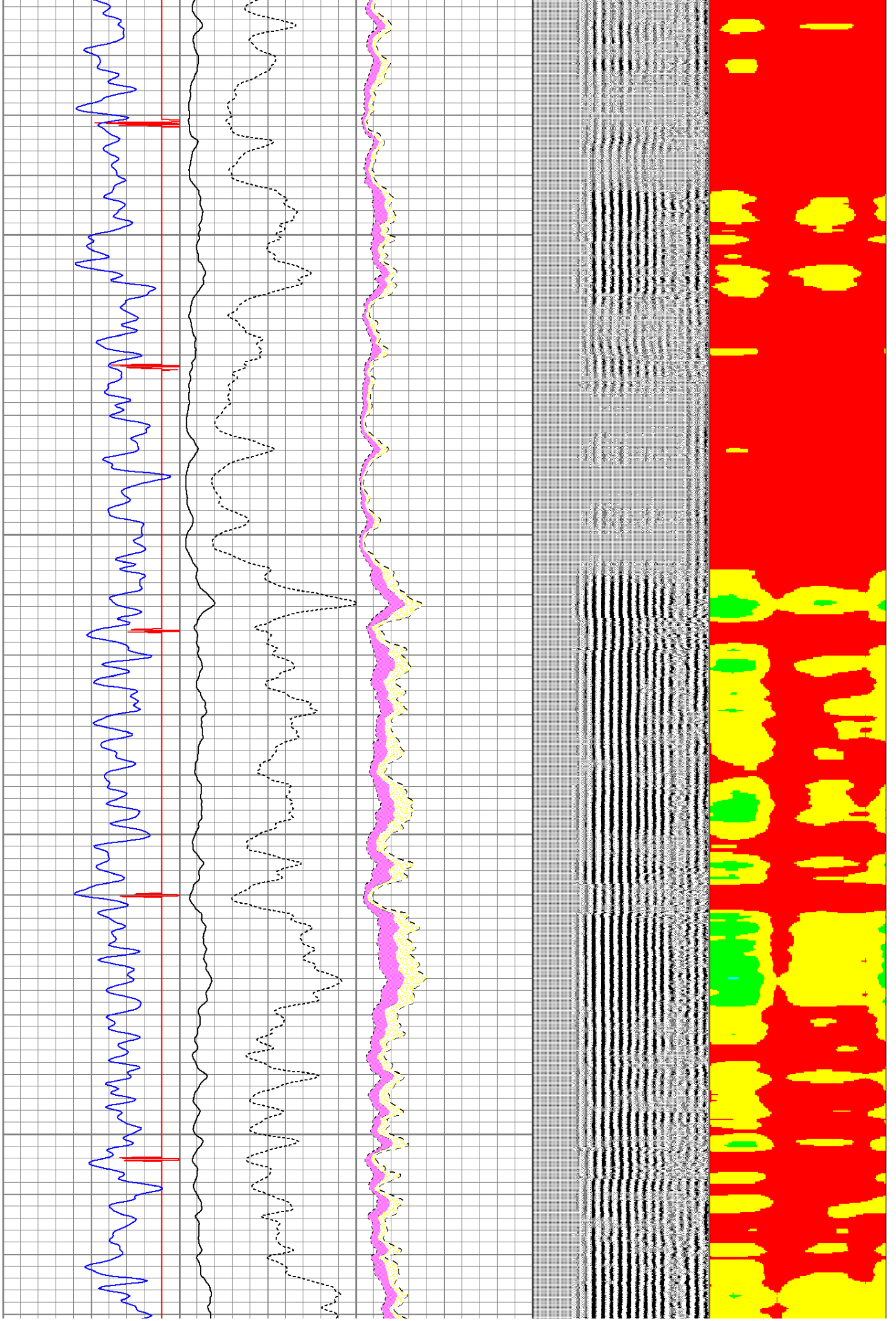
2500

2600



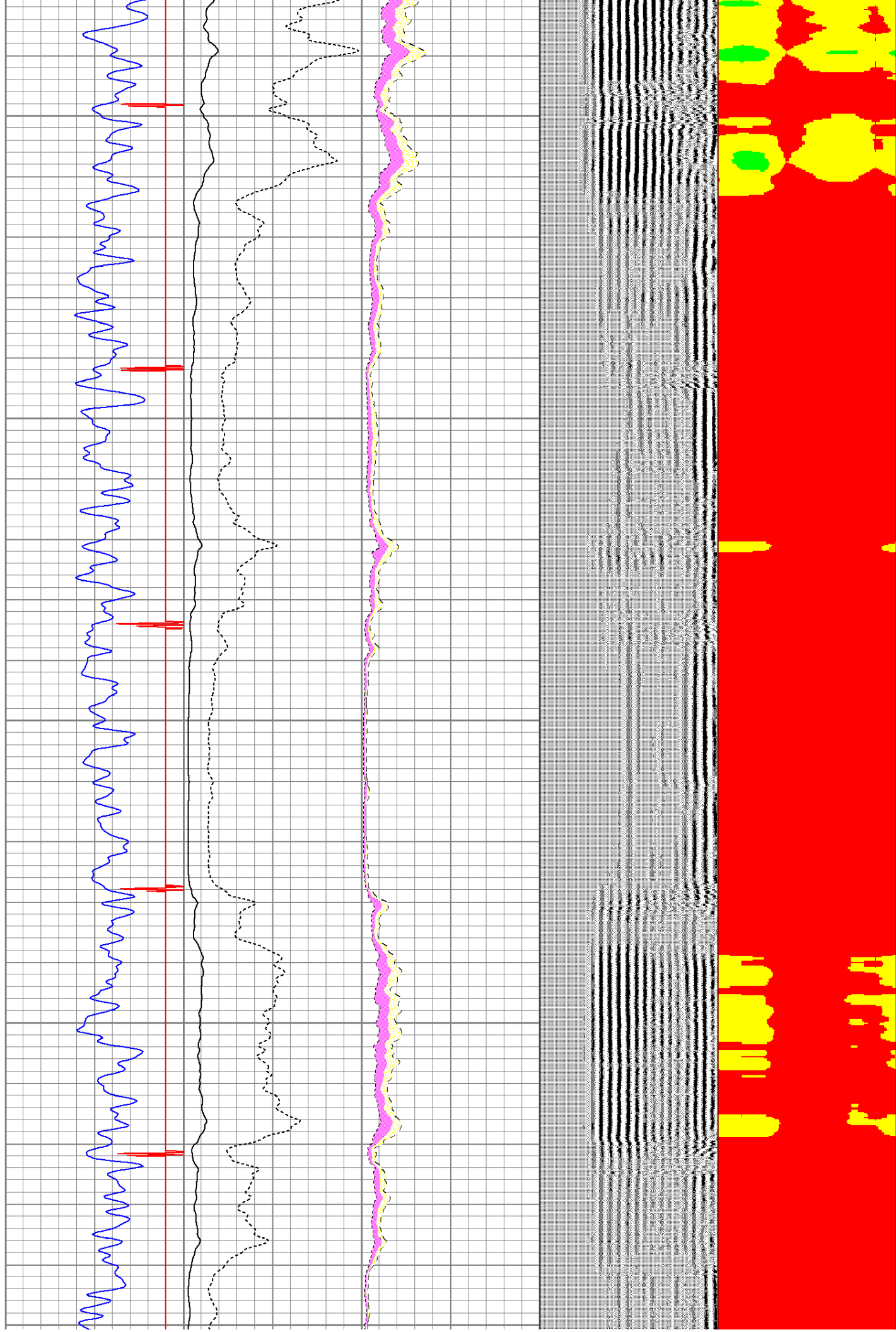
2700

2800



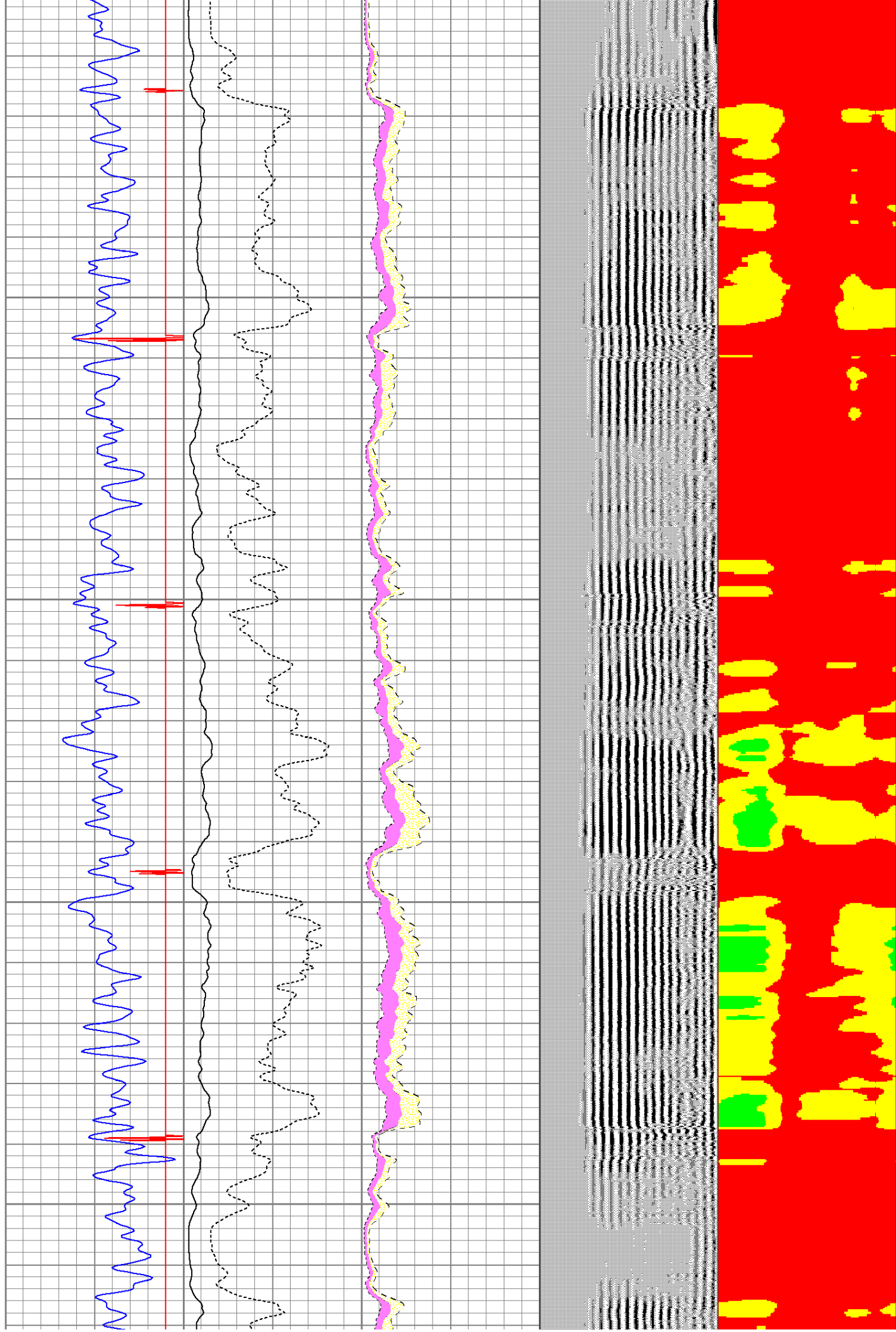
2900

3000



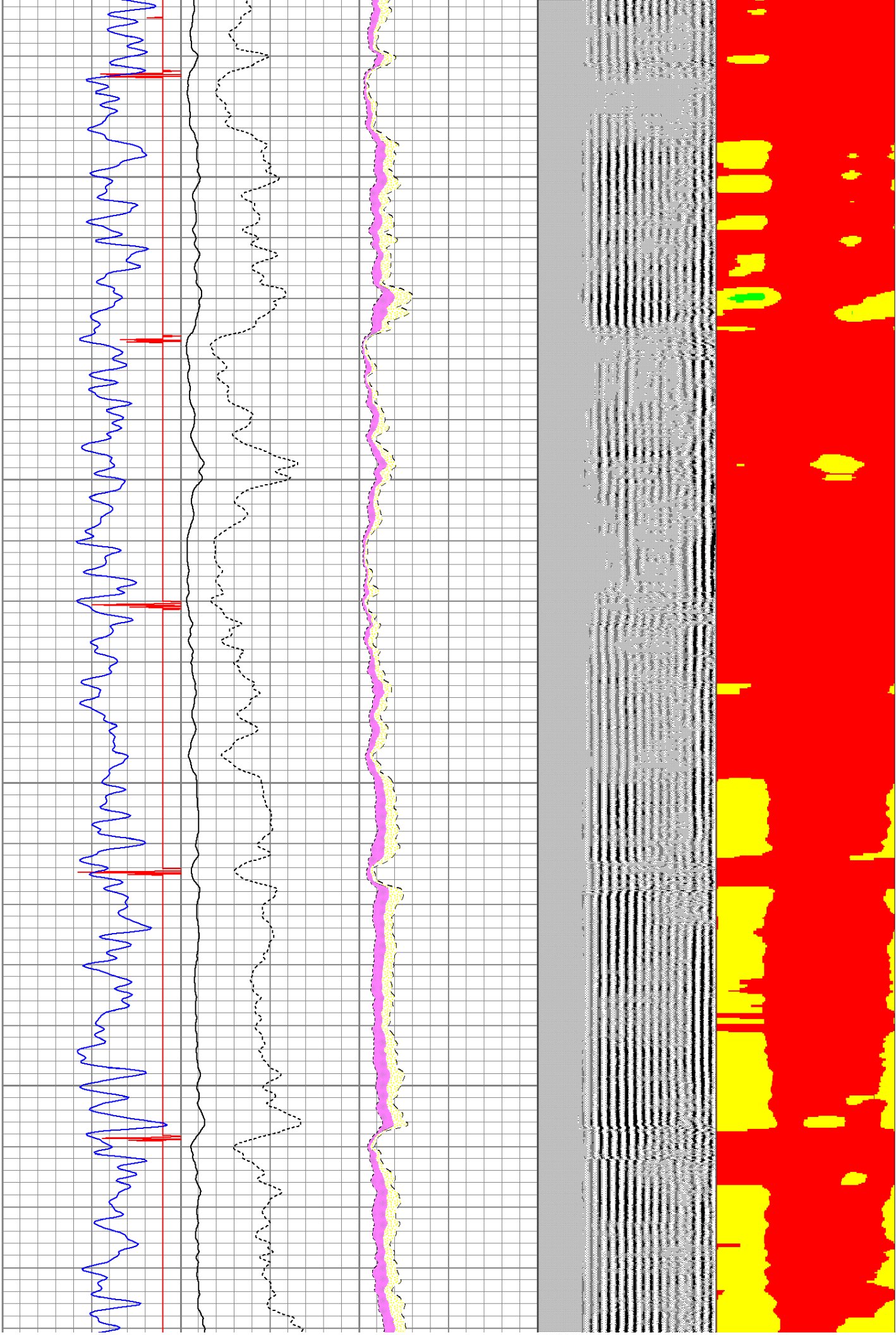
3100

3200



3300

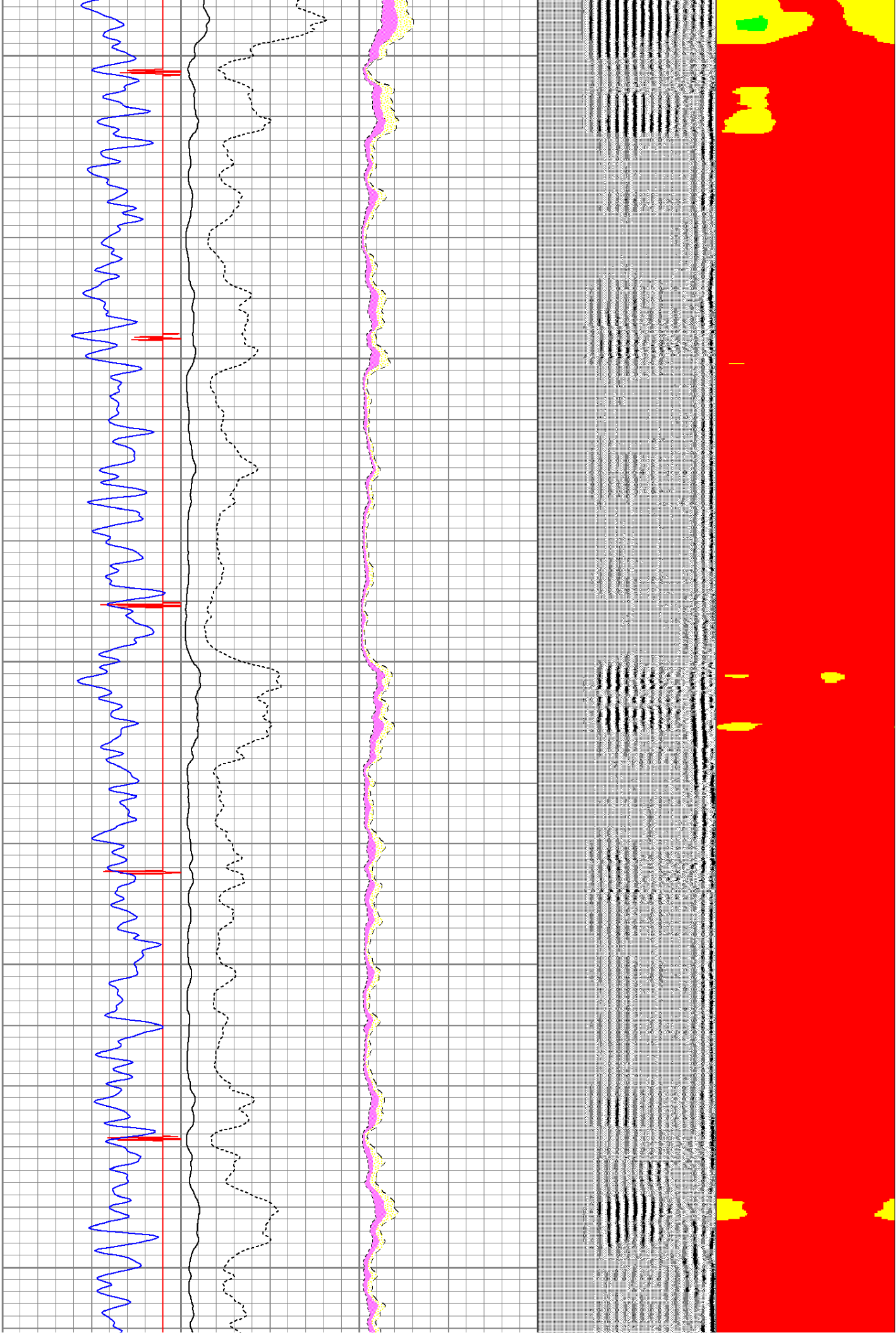
3400



3500

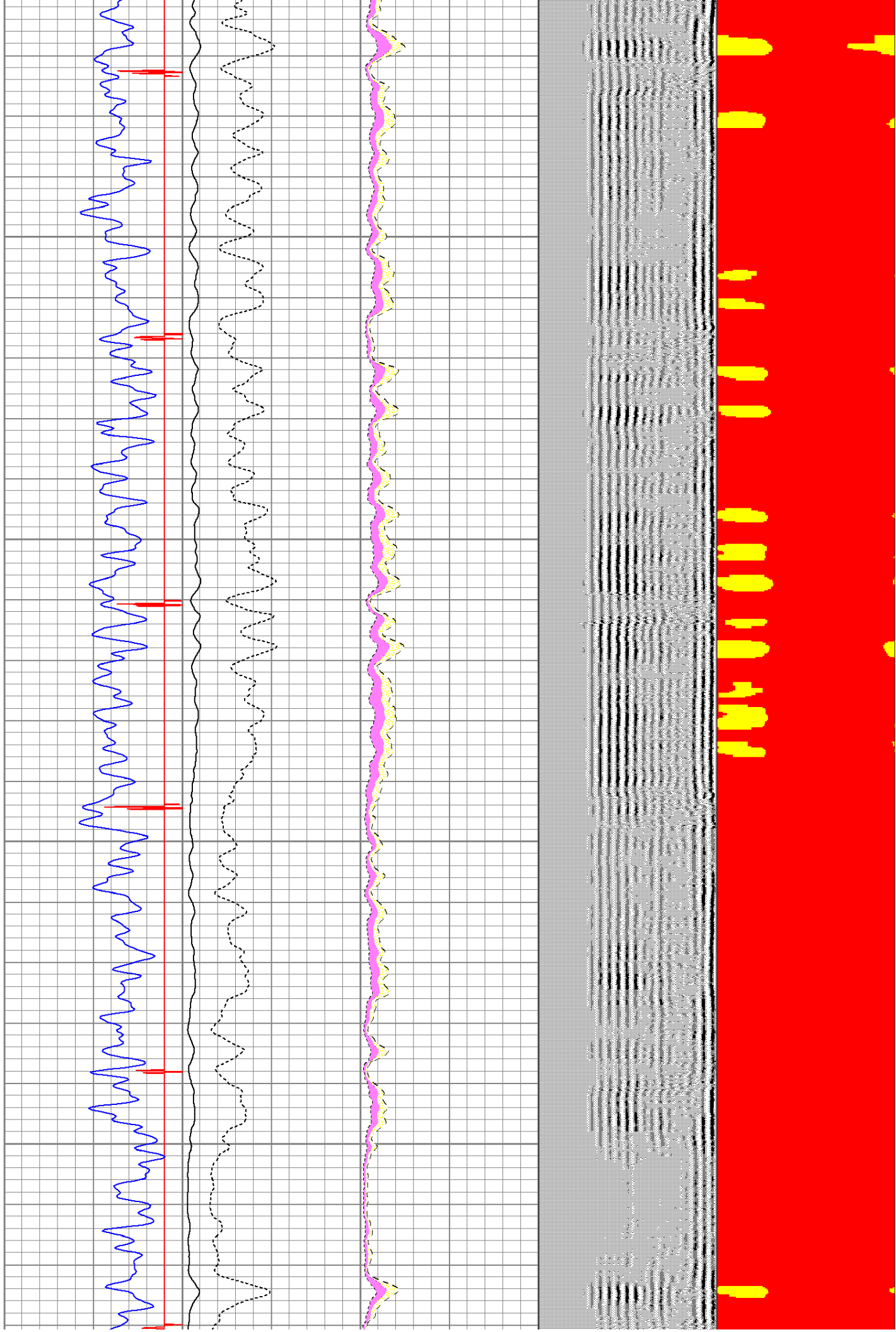
3600

3700



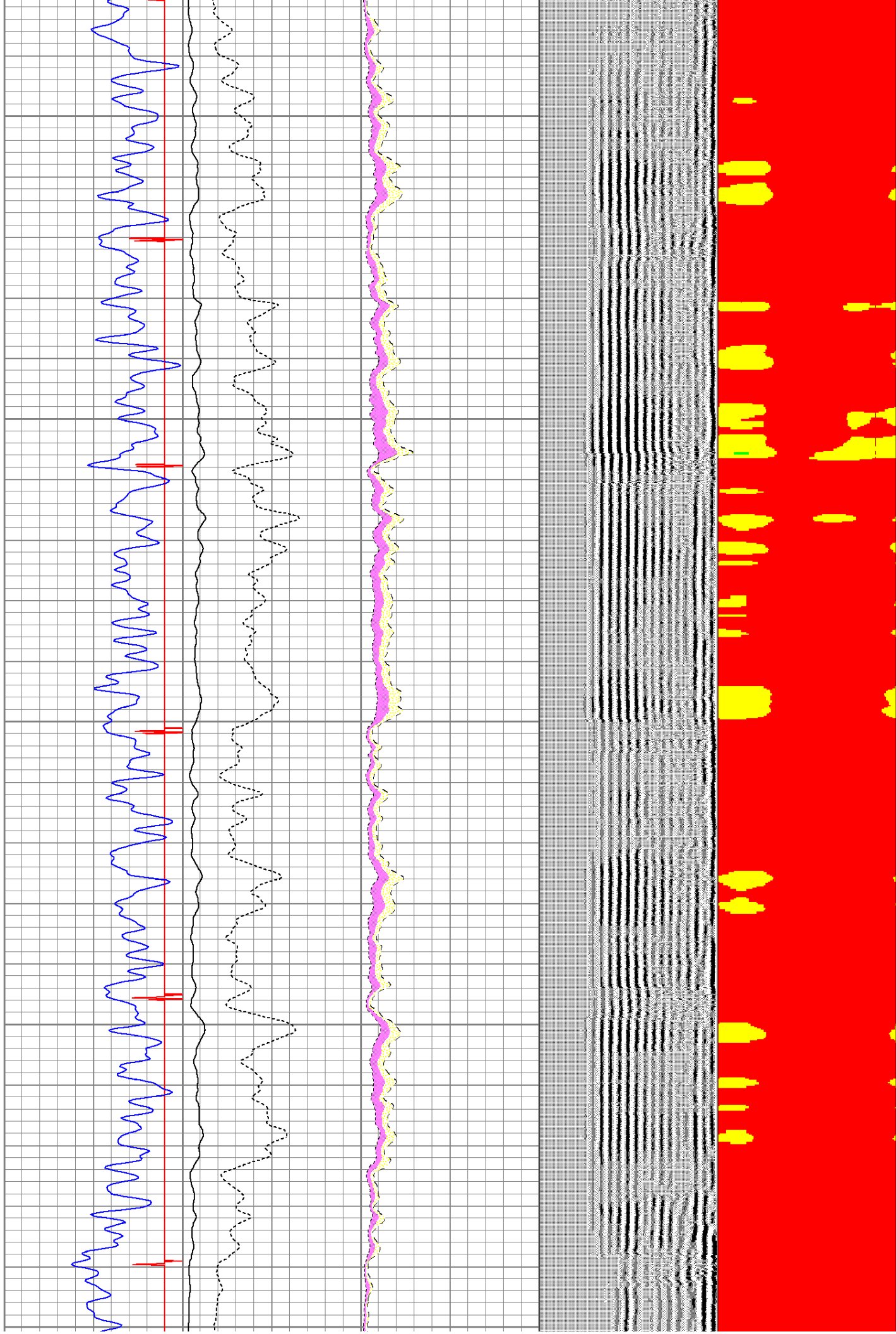
3800

3900



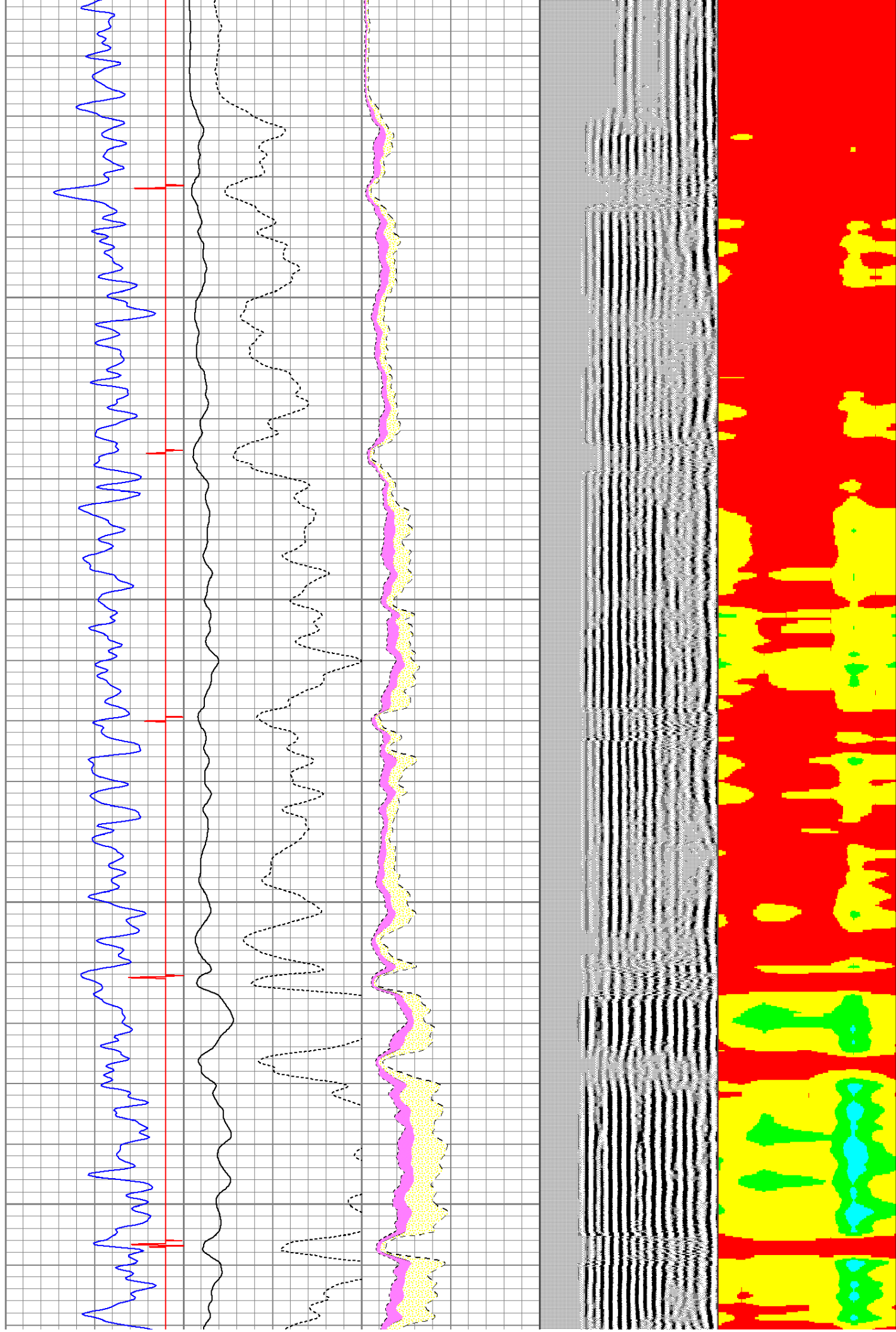
4000

4100



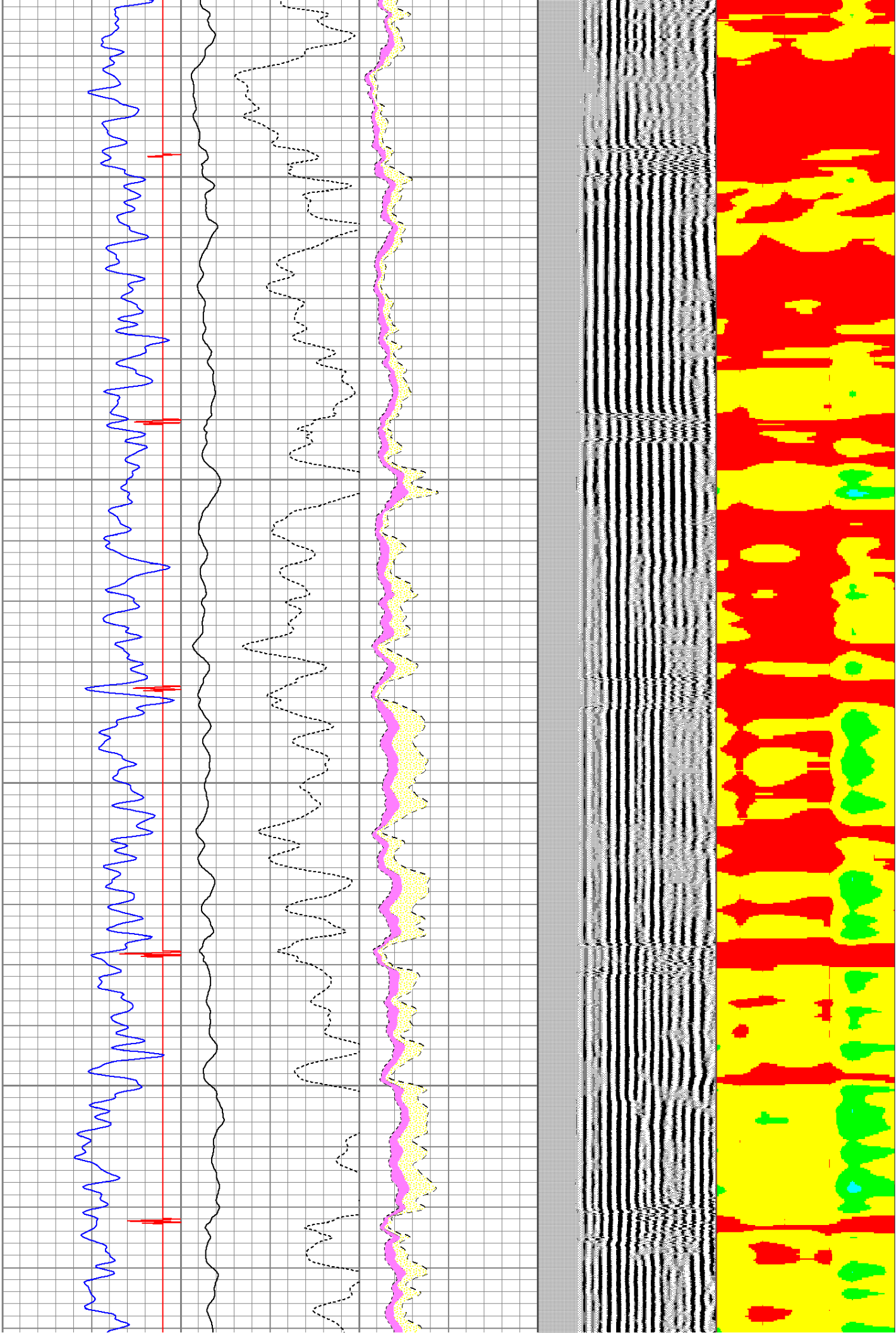
4200

4300



4400

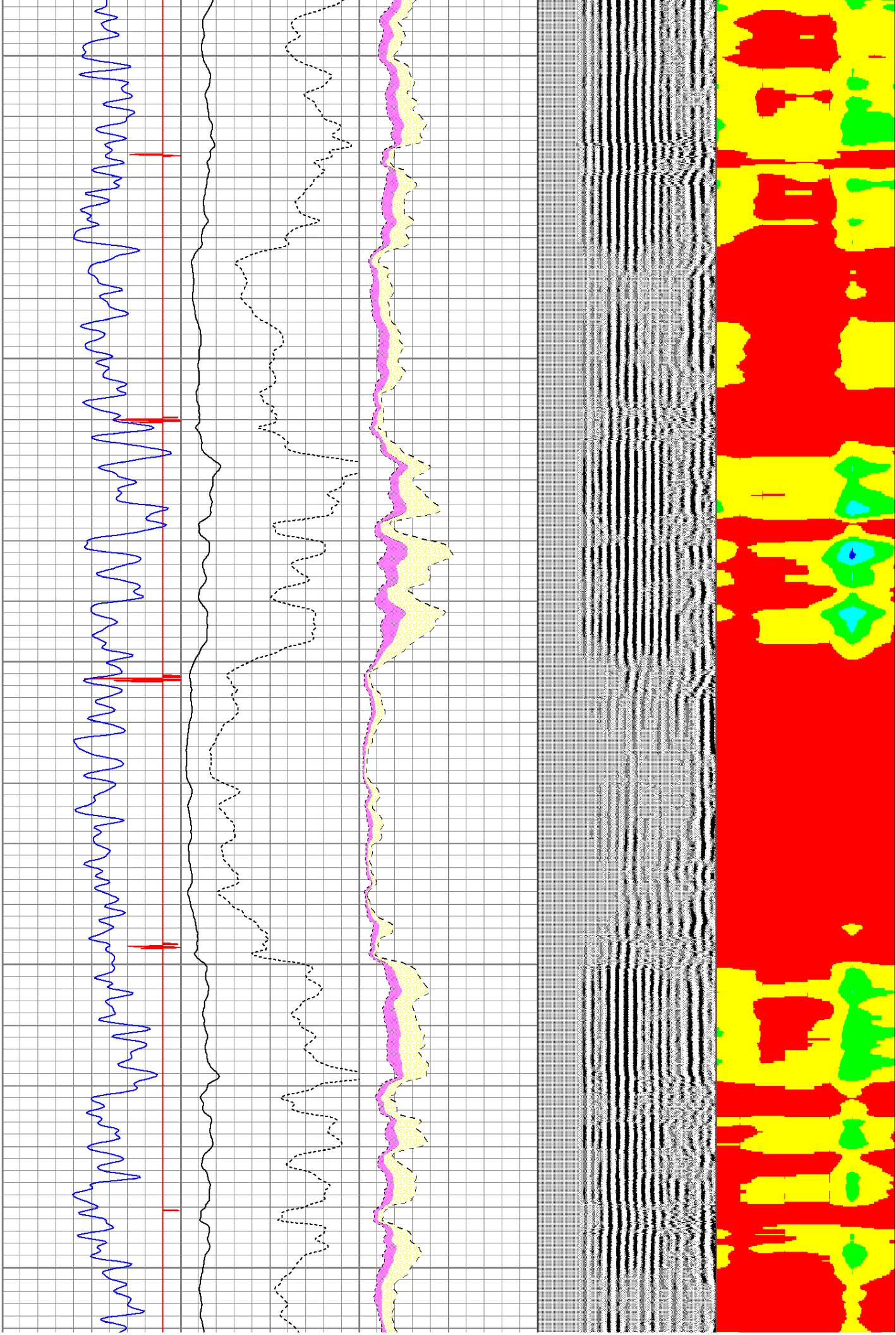
4500



4600

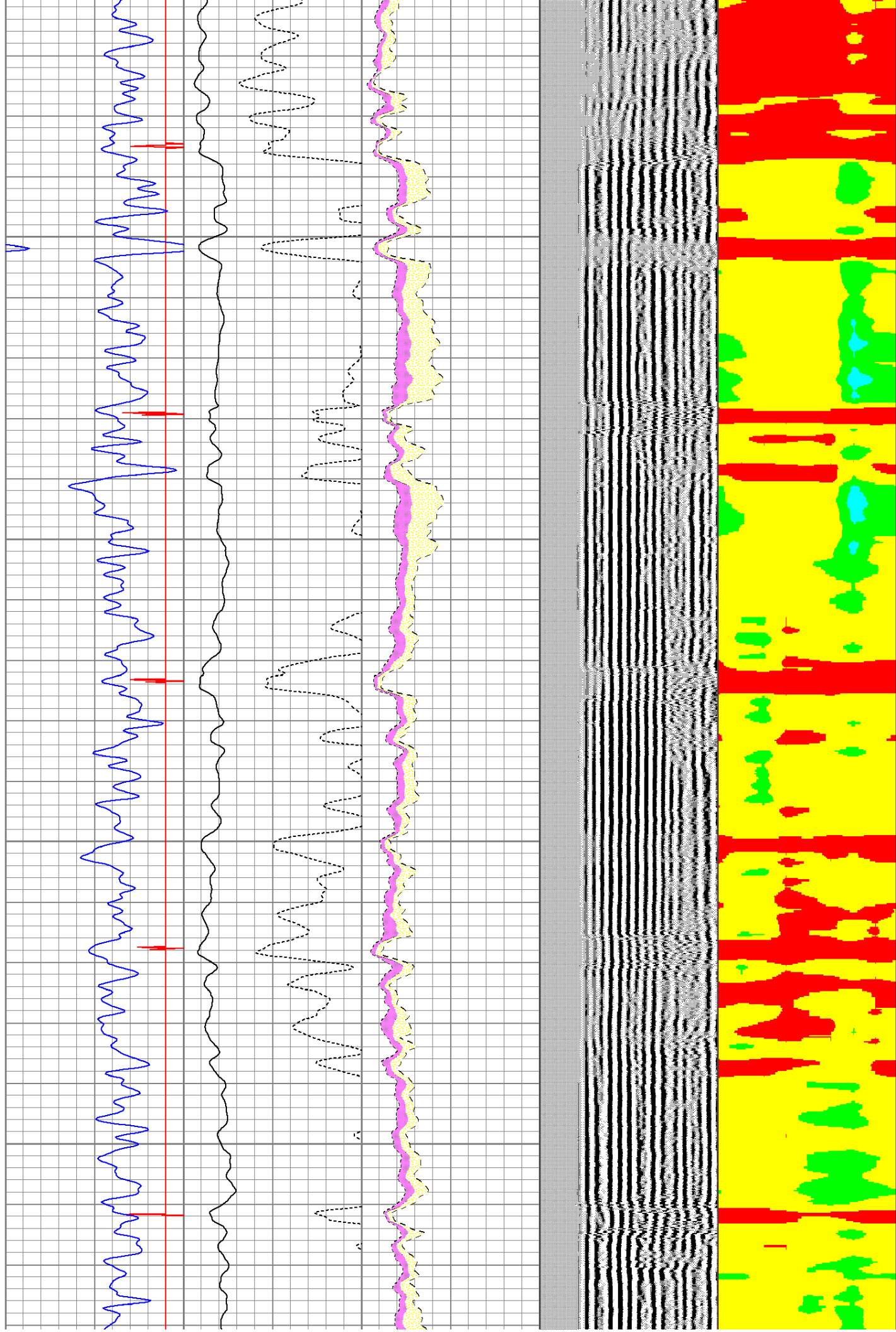
4700

4800



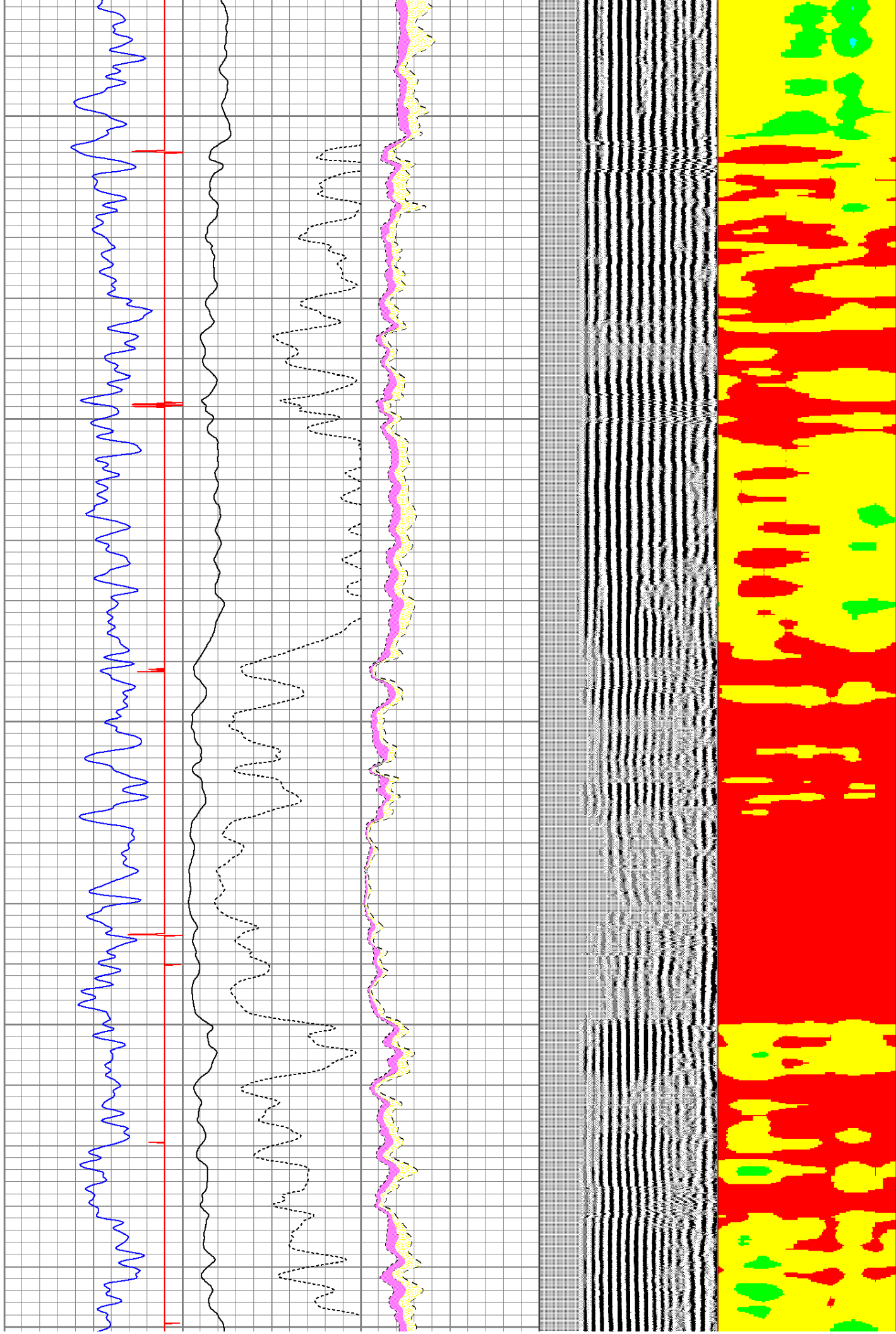
4900

5000



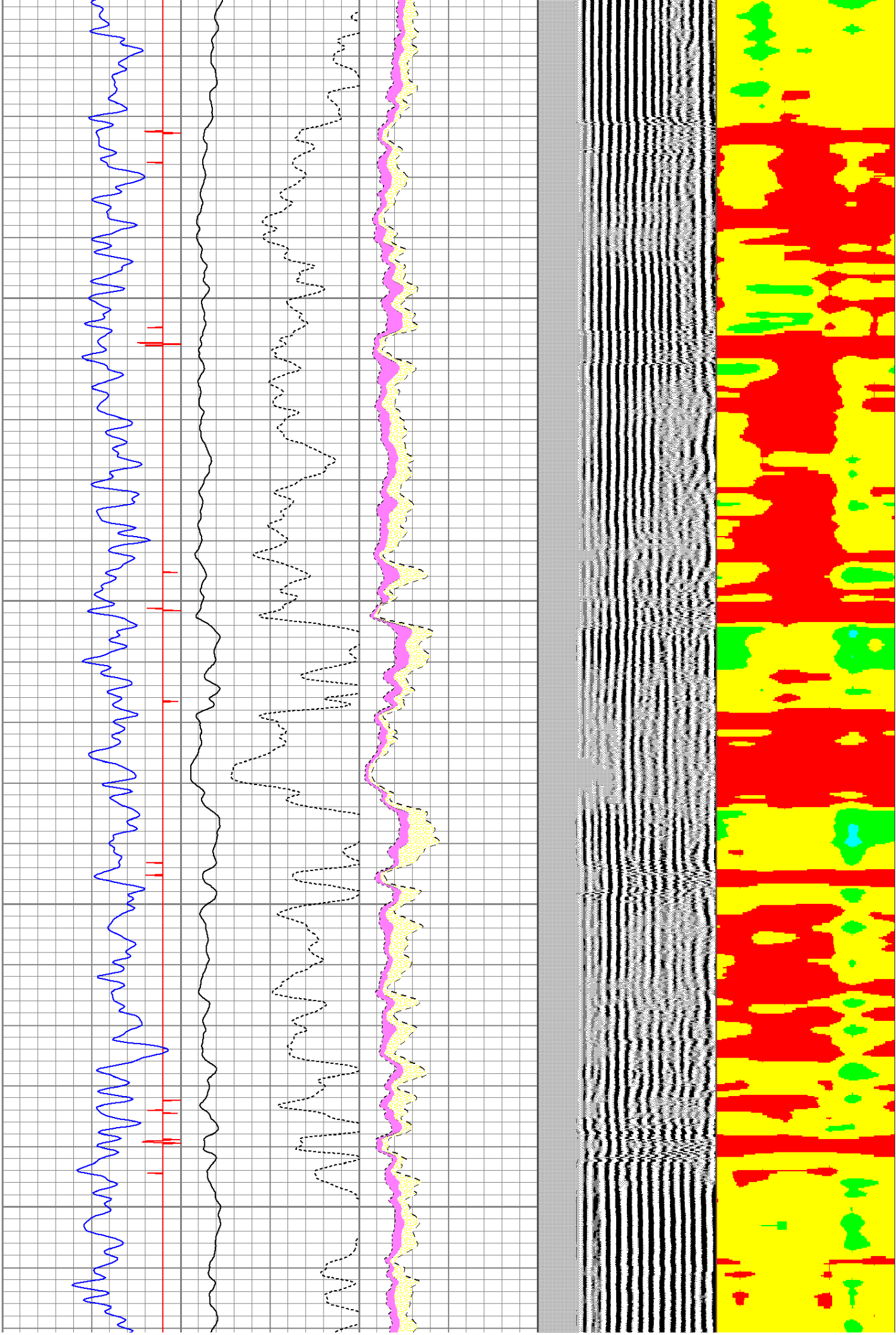
5100

5200



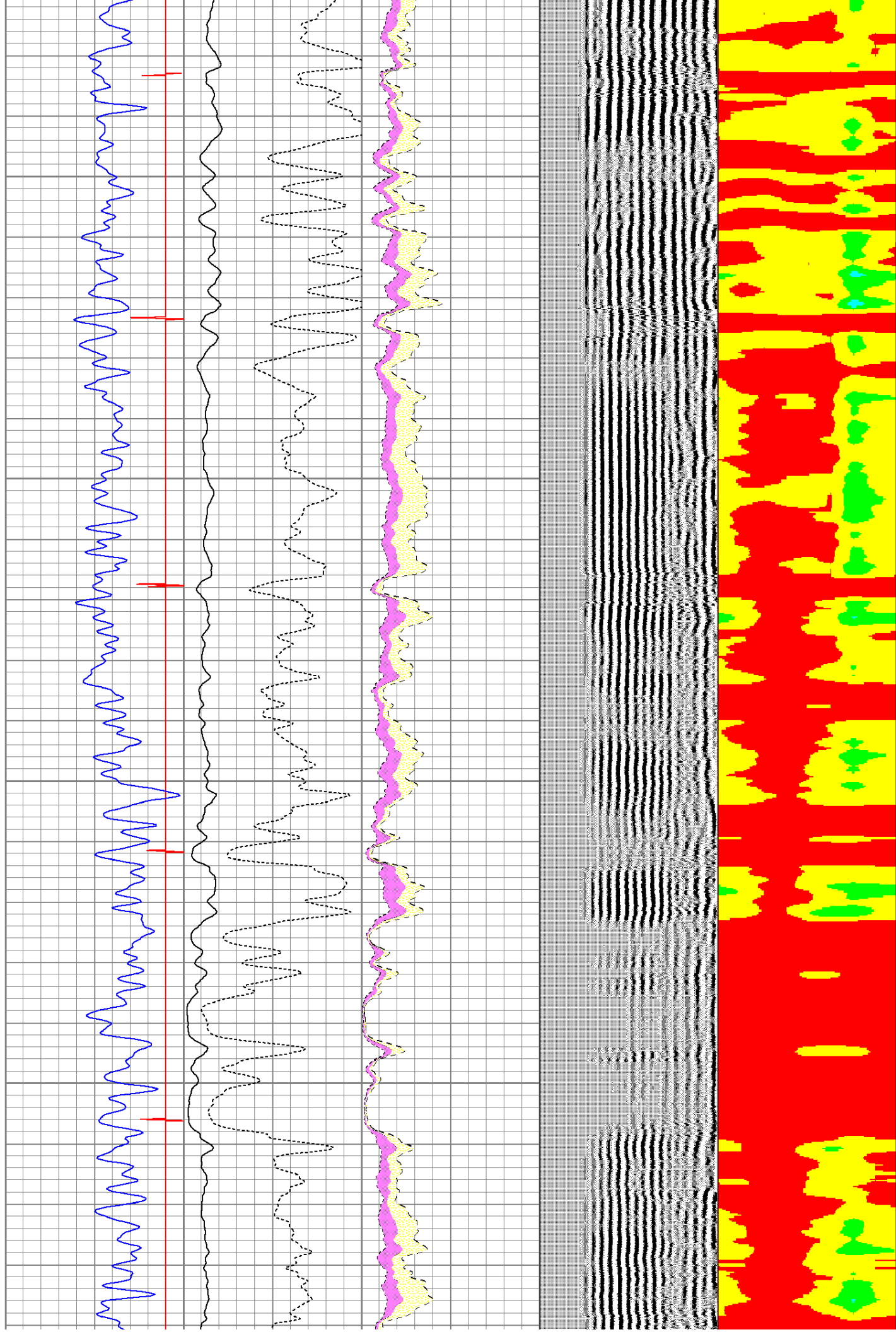
5300

5400



5500

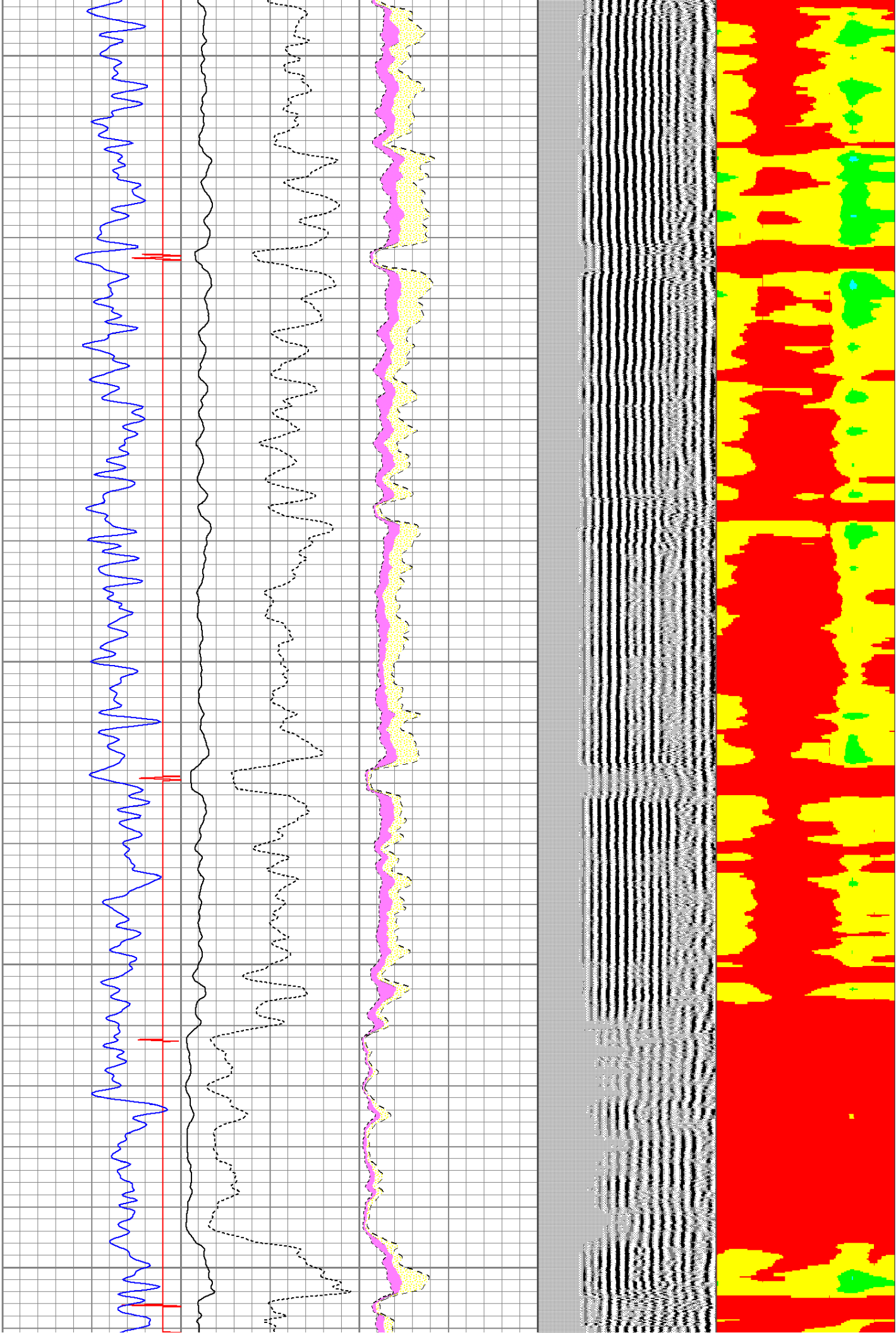
5600



5700

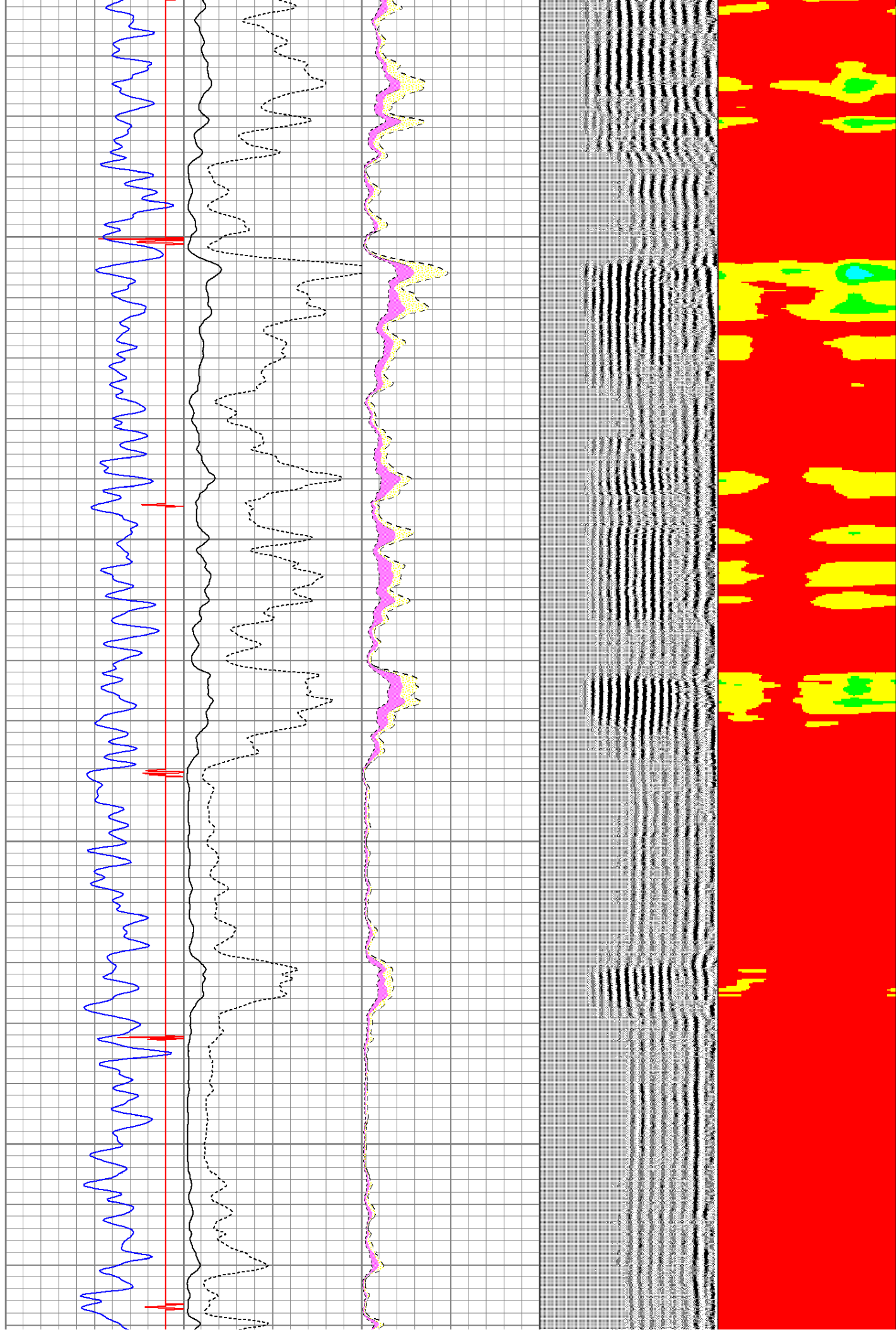
5800

5900



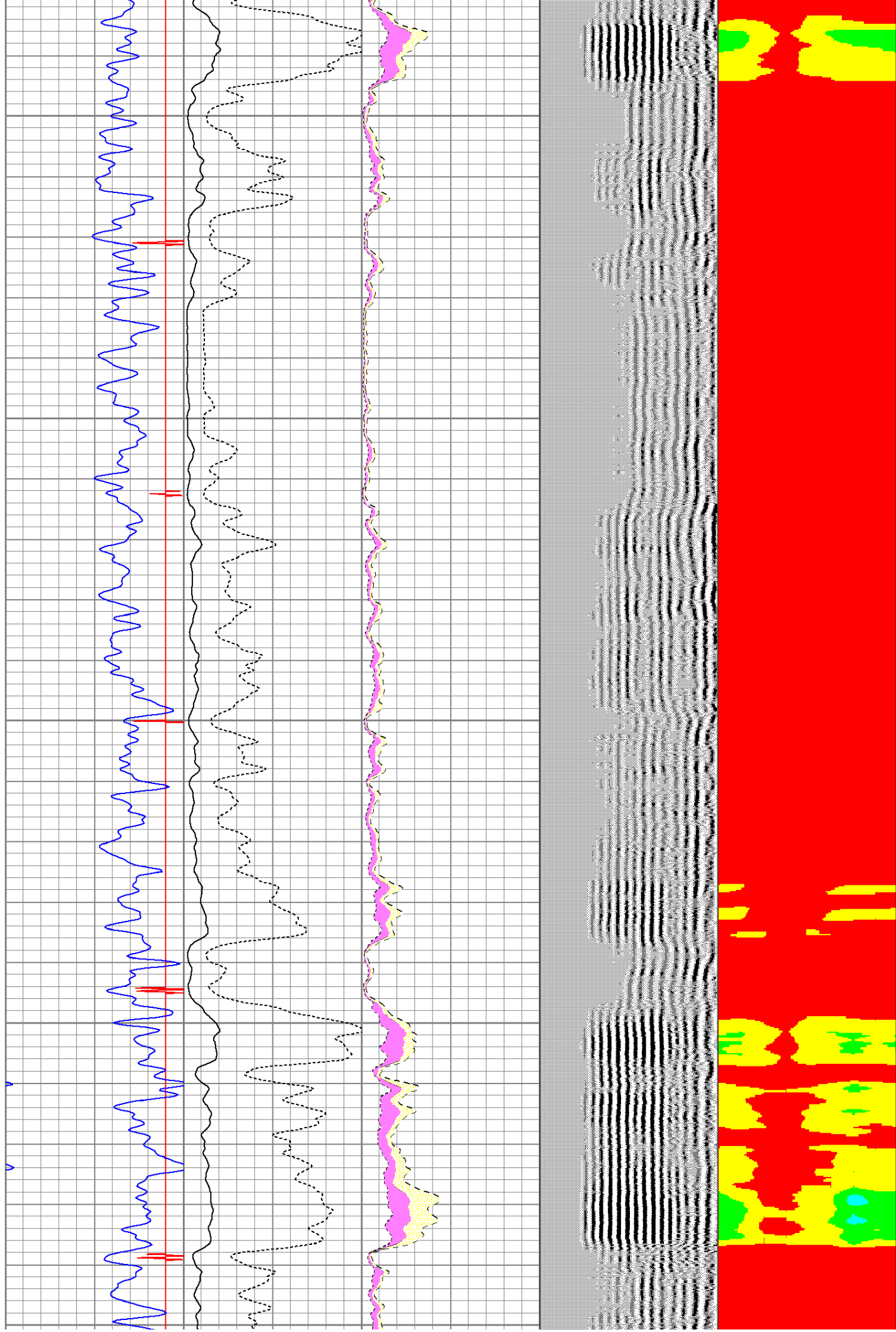
6000

6100



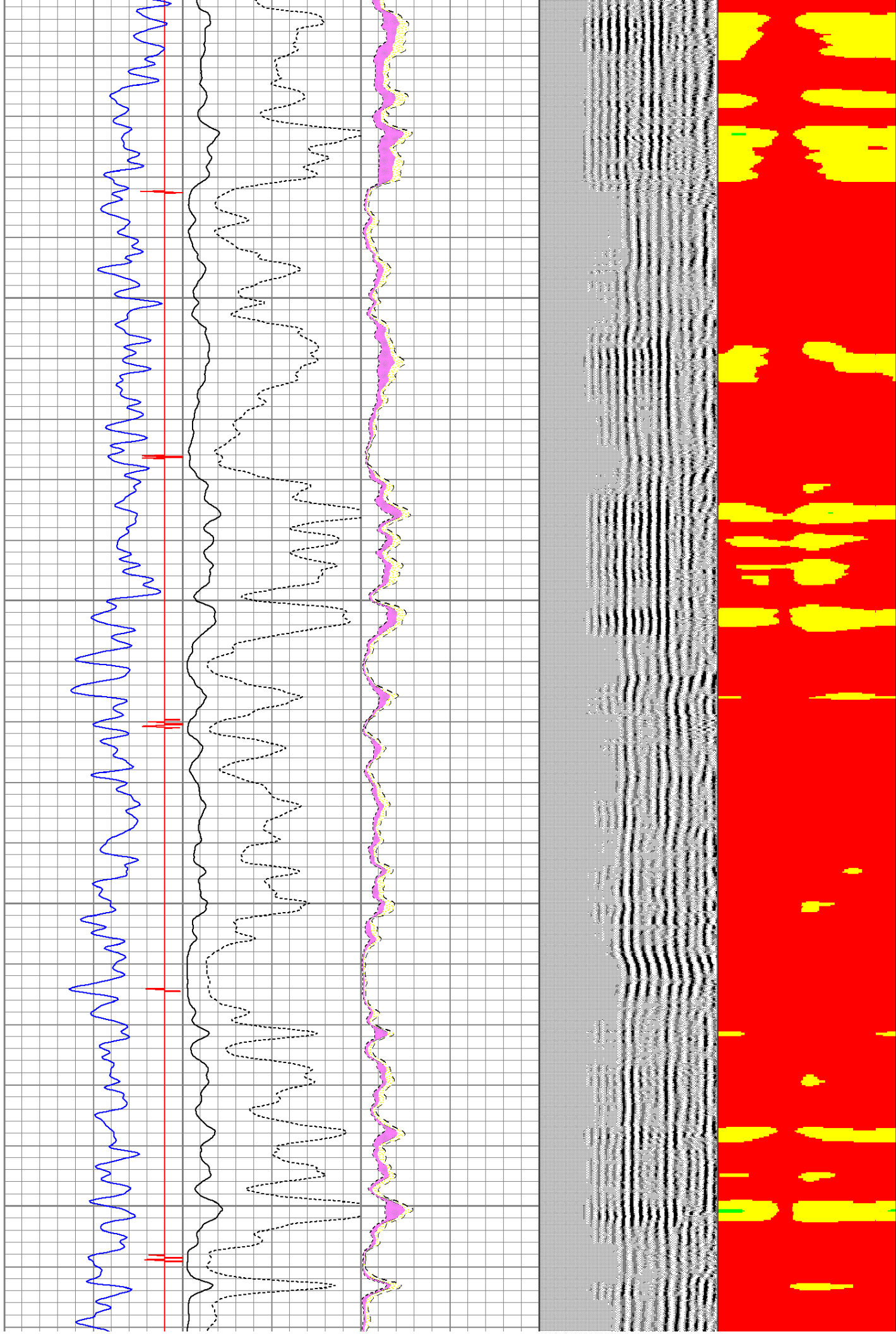
6200

6300



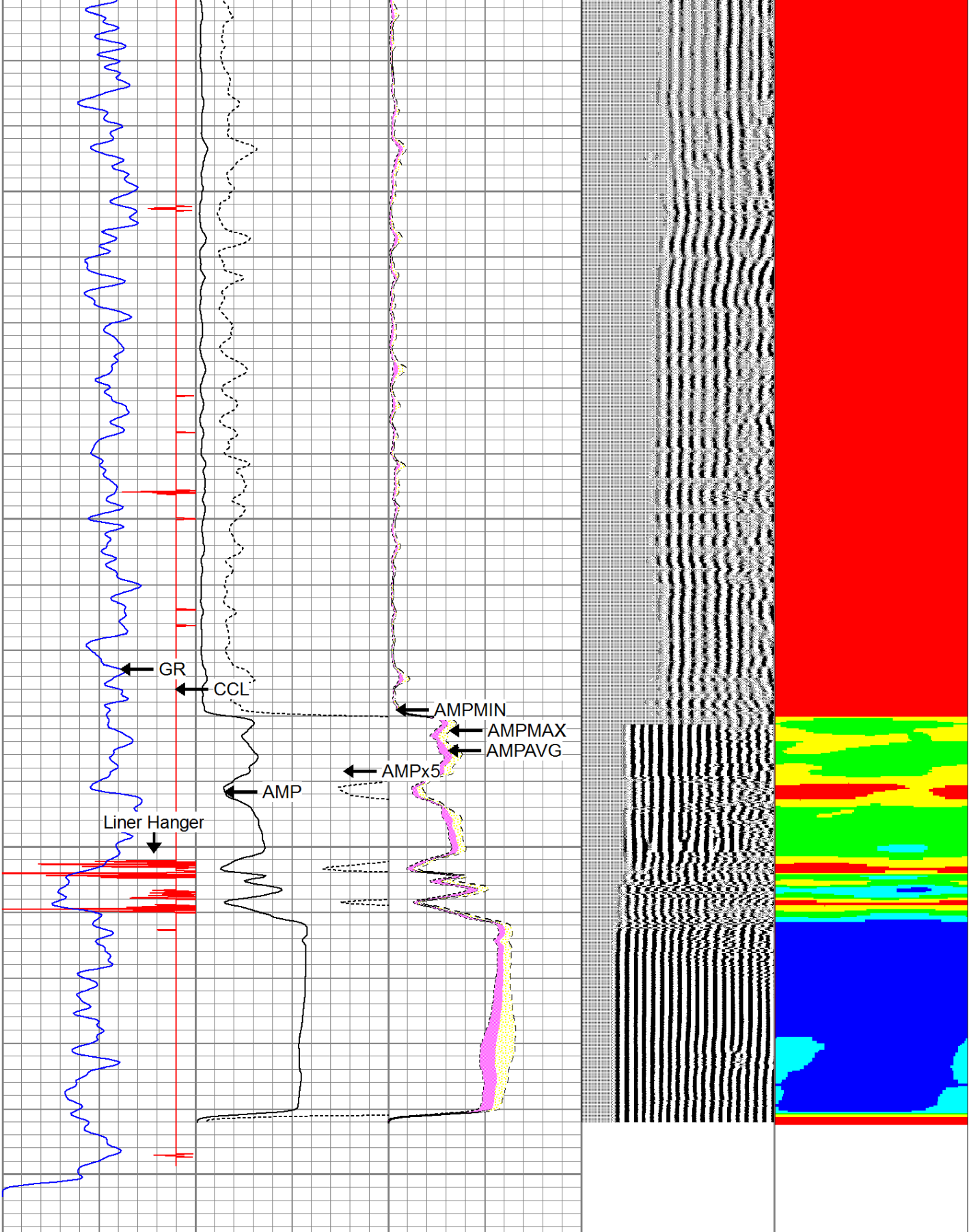
6400

6500



6600

6700



-9	CCL	1	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	SECTOR MAP	8
0	GR (GAPI)	175	0	AMPx5 (mV)	20	0	AMPMAX	150				25		75
						0	AMPMIN	150						