



RADIAL CEMENT BOND LOG  
GAMMA RAY AND  
CASSING COLLARS

Company	BP AMERICA PRODUCTION COMPANY	
Well	East Sauls creek 26-1-2	
Field	FRUITLAND	
County	LA PLATA	State
State	COLORADO	
Location:	API # : 05-067-10000	Other Services
Permanent Datum	SEC 17 TWP 34N RGE 7W	
Log Measured From	GROUND LEVEL Elevation 7340	Elevation
Drilling Measured From	K.B. 11ft	K.B. 7351
	KELLY BUSHING	D.F. 7350
		G.L. 7340

Date	9-25-17
Run Number	ONE
Depth Driller	N/A
Depth Logger	3226
Bottom Logged Interval	3226
Top Log Interval	Surf.
Open Hole Size	N/A
Type Fluid	WATER
Density / Viscosity	8.4
Max. Recorded Temp.	N/A
Estimated Cement Top	SEE LOG
Time Well Ready	7:00
Time Logger on Bottom	SEE LOG
Equipment Number	WL-110
Location	FARMINGTON NM
Recorded By	SWEAT
Witnessed By	WHITEMAN

Borehole Record			Tubing Record				
Run Number	Bit	From	To	Size	Weight	From	To

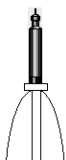
Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"		SURFACE	
Prot. String	5.5		SURFACE	
Production String	7"		SURFACE	
Liner				

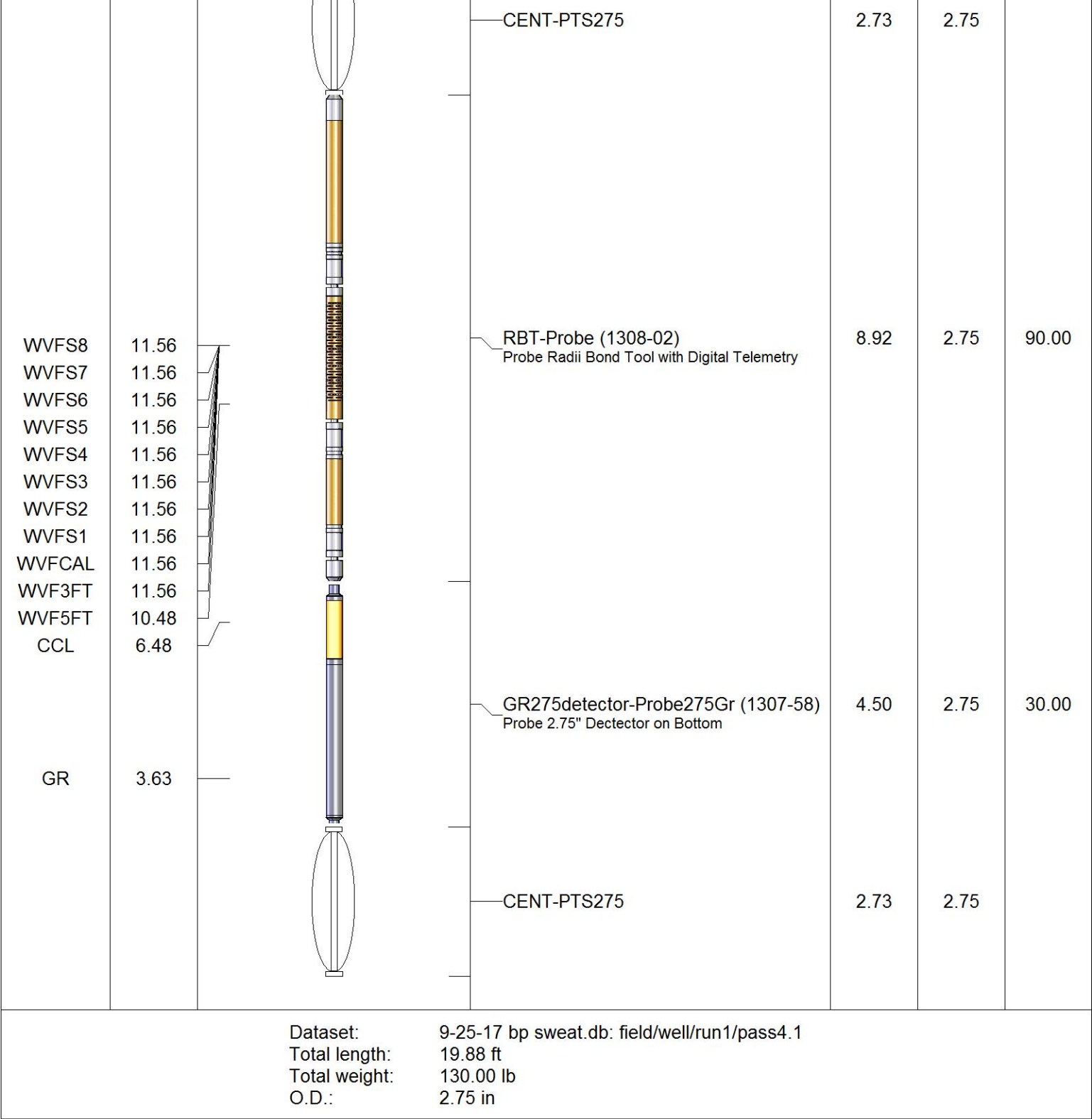
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

THANK YOU FOR USING BASIN WELL LOGGING

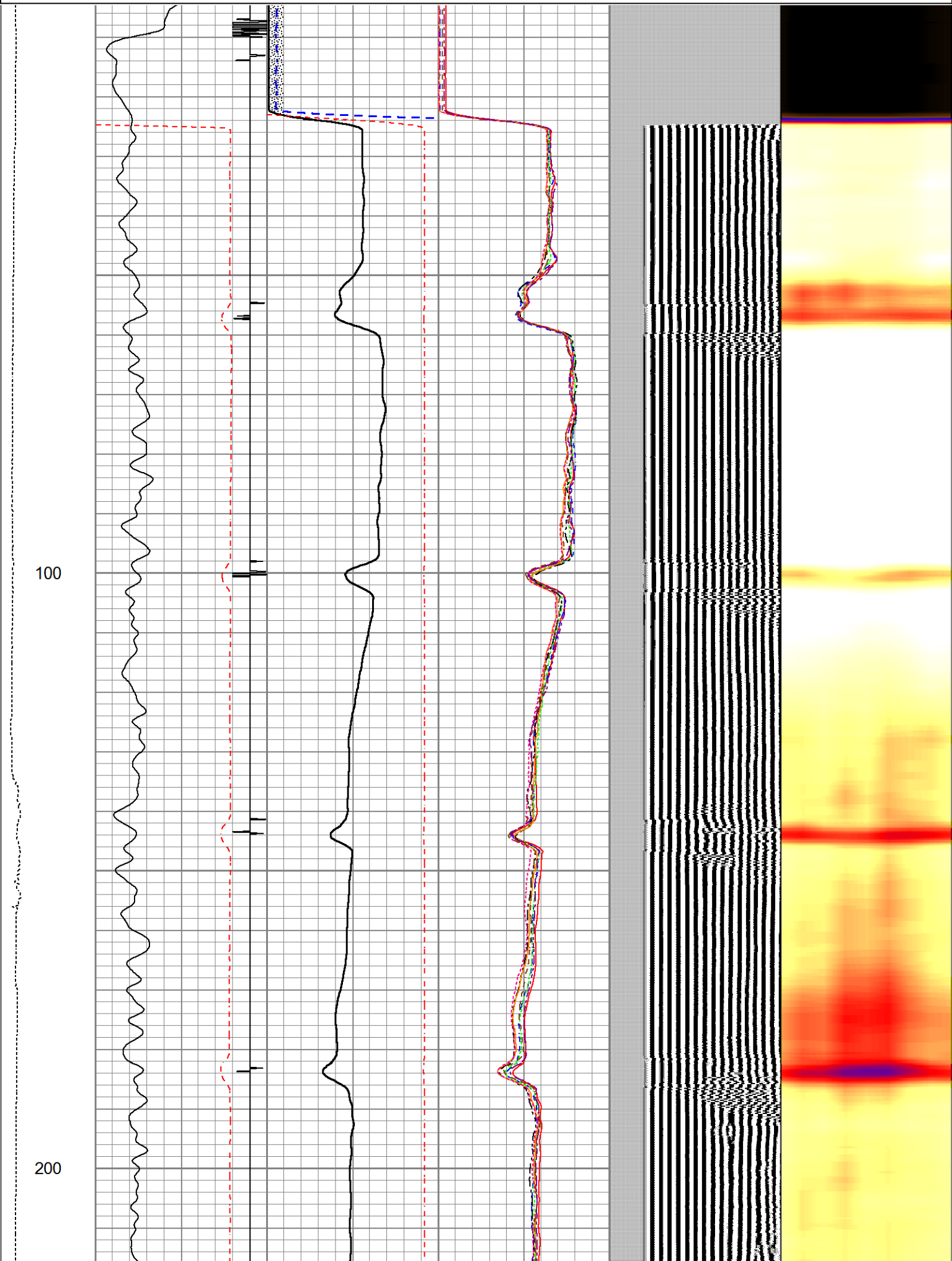
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STNDRD Standard Cable Head	1.00	1.69	10.00

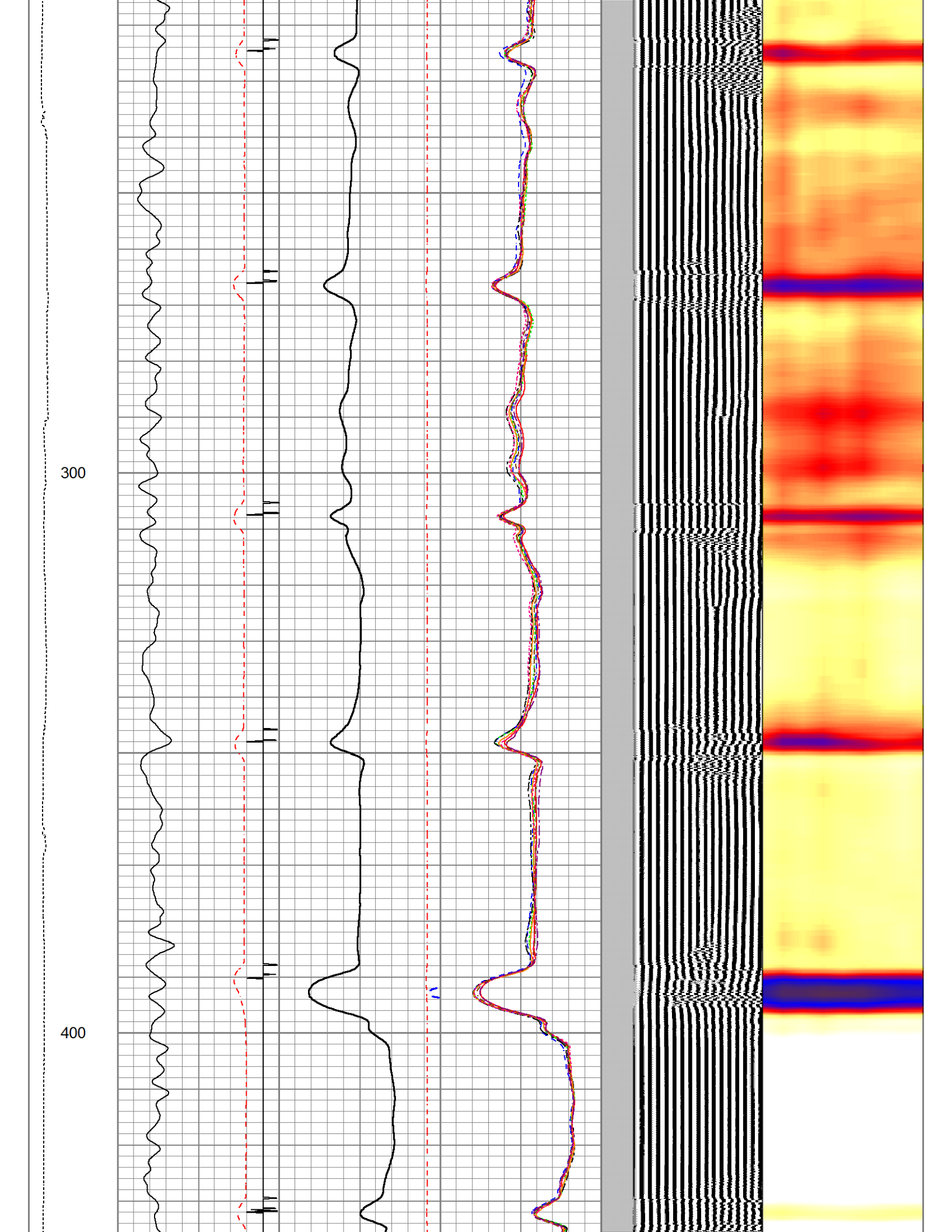


Database File		9-25-17 bp sweat.db					
Dataset Pathname		pass4.1					
Presentation Format		rcblsect					
Dataset Creation		Mon Sep 25 09:21:49 2017					
Charted by		Depth in Feet scaled 1:240					

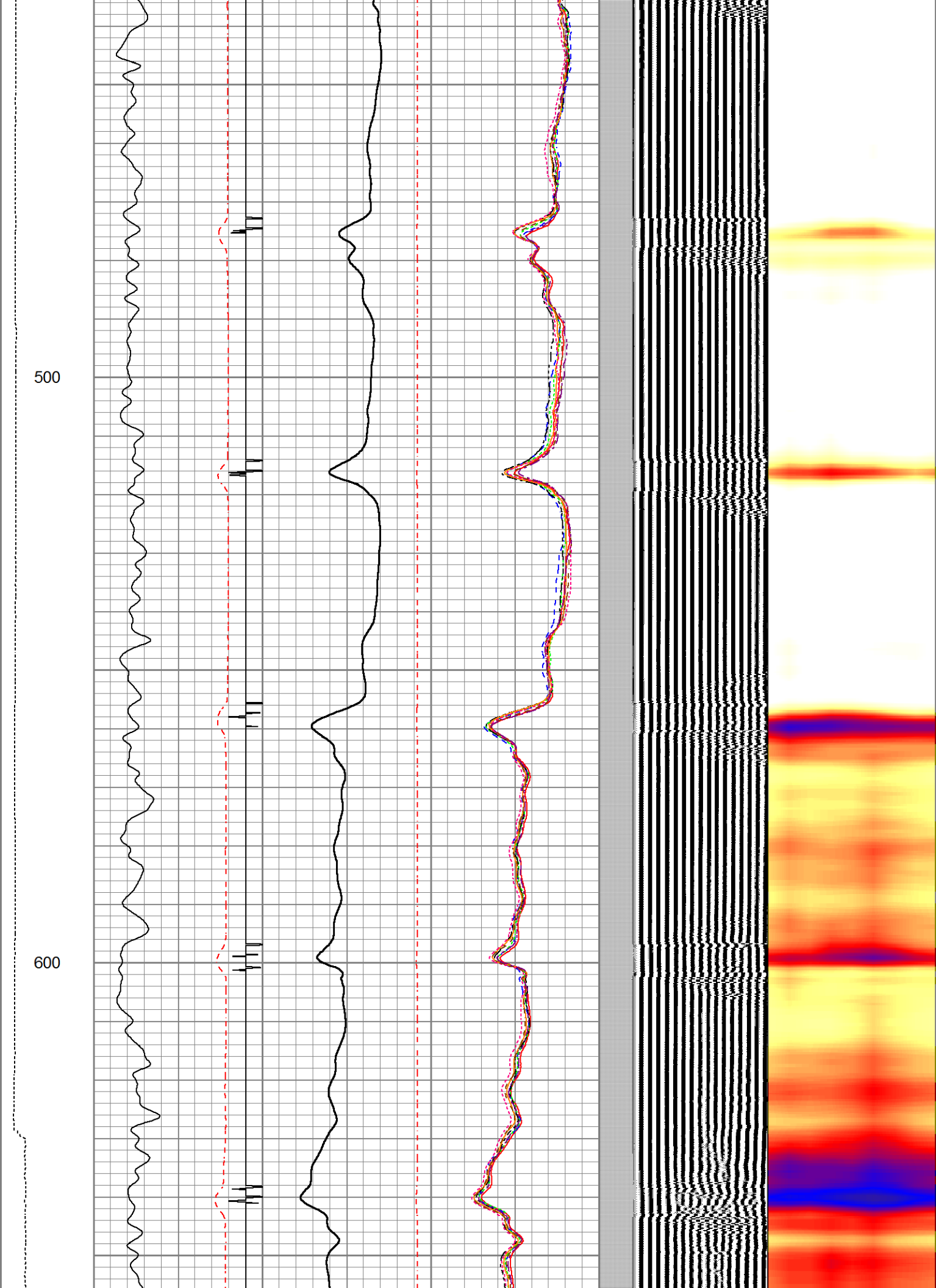
LTEN	360	TT (usec)	260	0	AMP (mV)	100	0	AMPS1	120	200	VDL (V)	1200	1	Cement Map	8
0	(lb1450	-9	CCL	1	TT3FT	0	AMPS2	120	0	AMPS3	120	(V)	3		82
	0	GR (GAPI)	200	1200	(usec)	200	0	AMPS4	120						
				Amplifide Amplitude	0	AMPS5	120								
				0	(mV)	20	0	AMPS6	120						
							0	AMPS7	120						

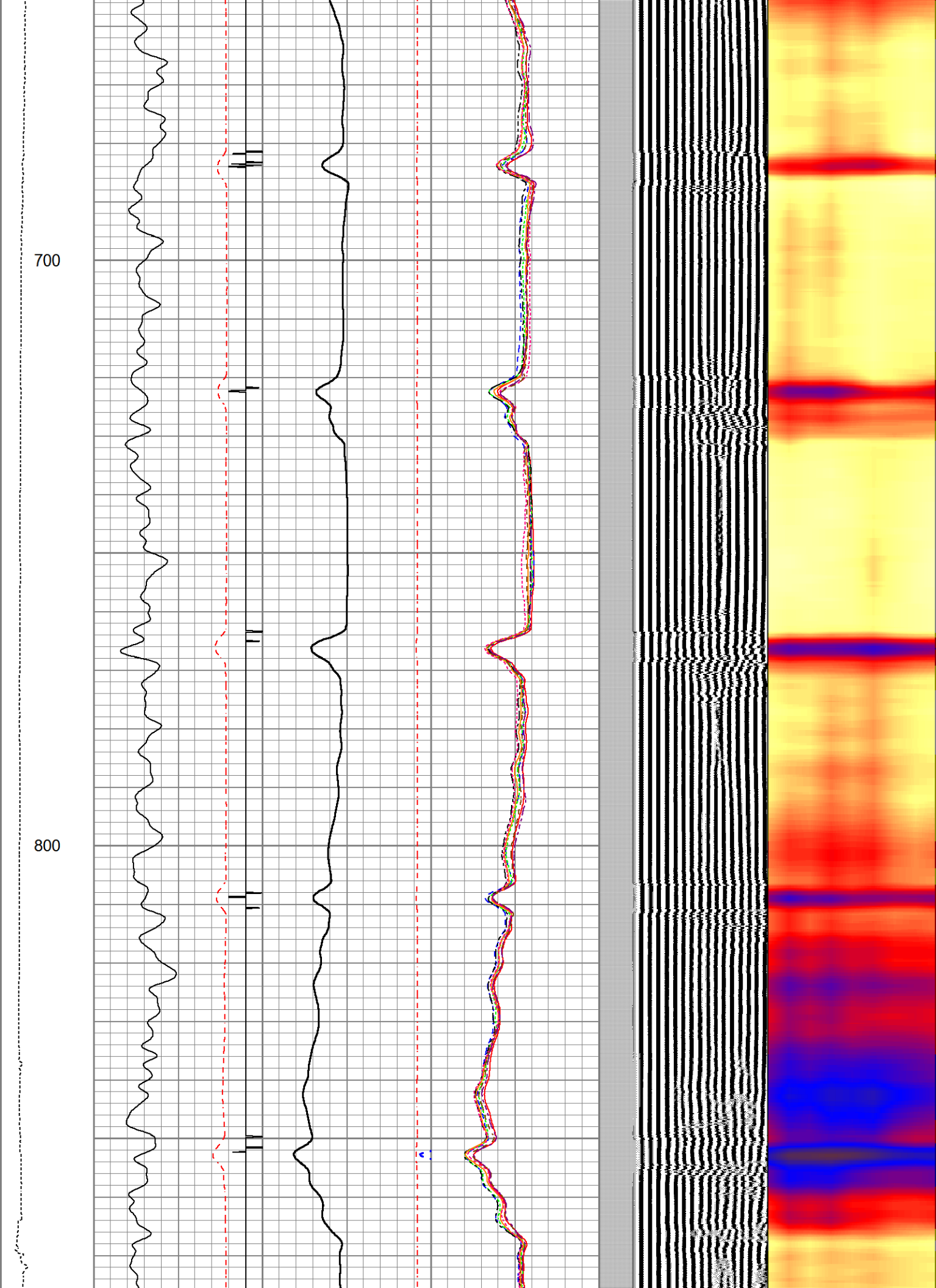
0 AMPS7 120  
0 AMPS8 120





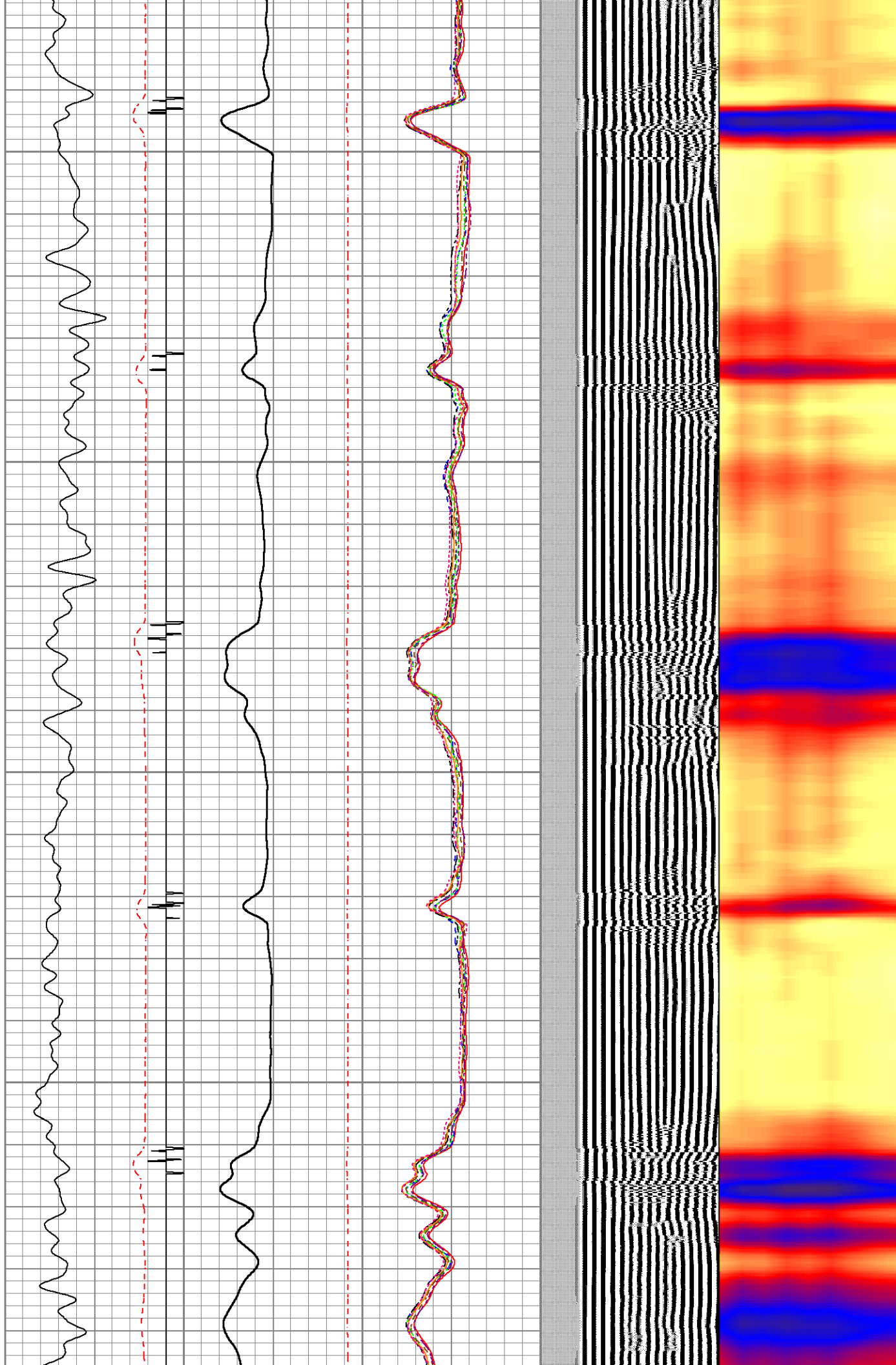






900

1000

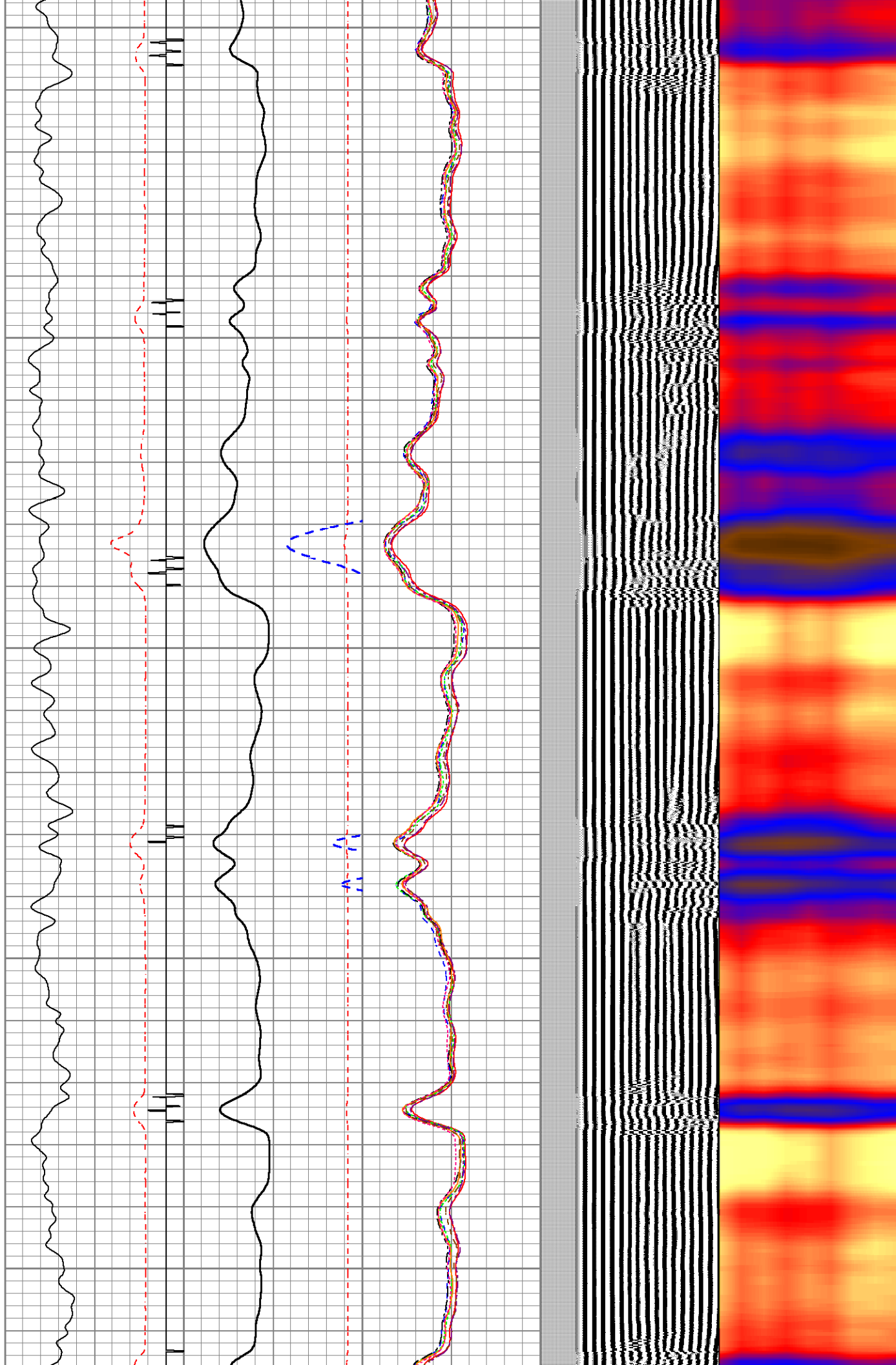




1100

1200

1300

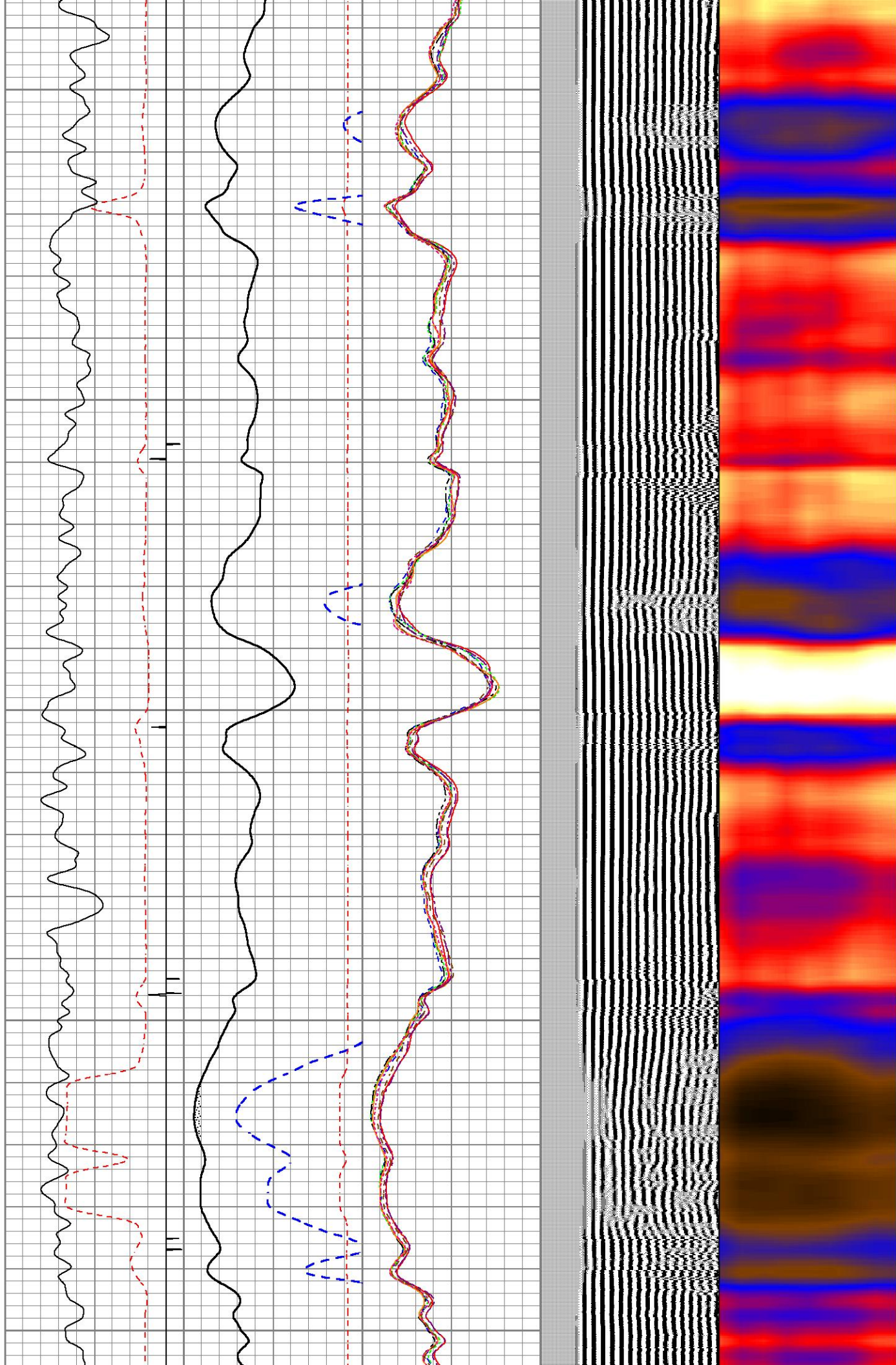






1600

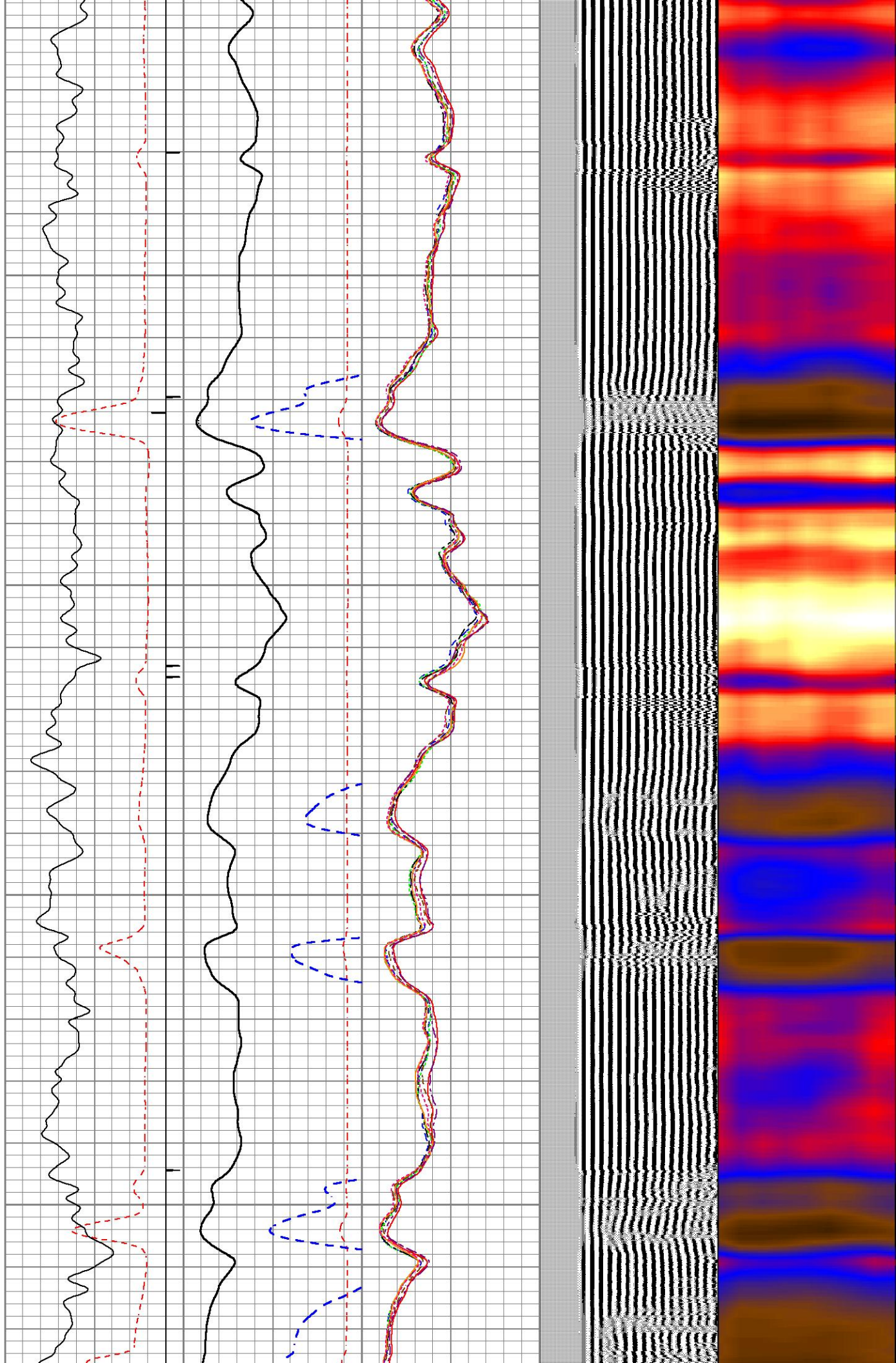
1700





1800

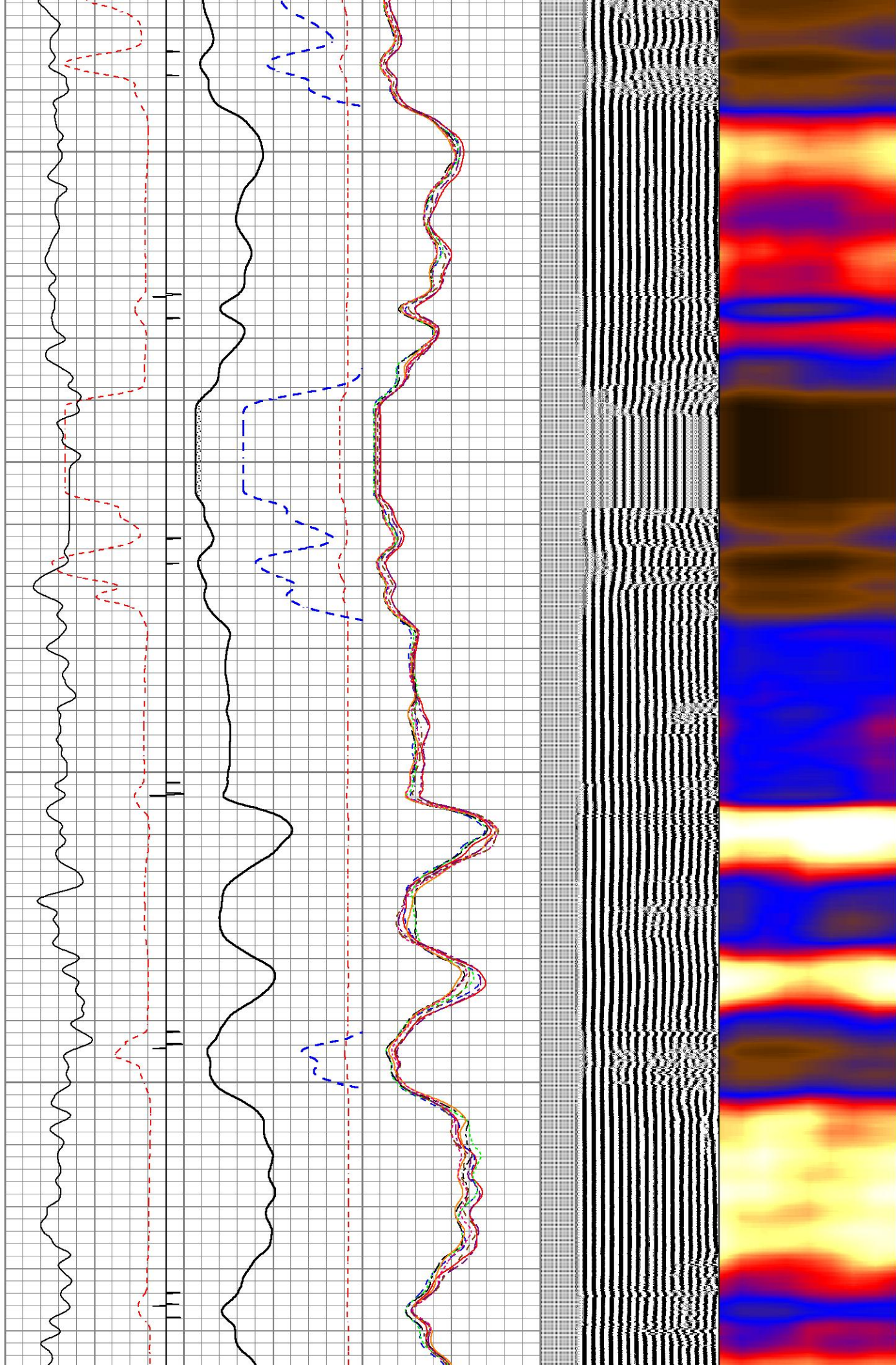
1900





2000

2100

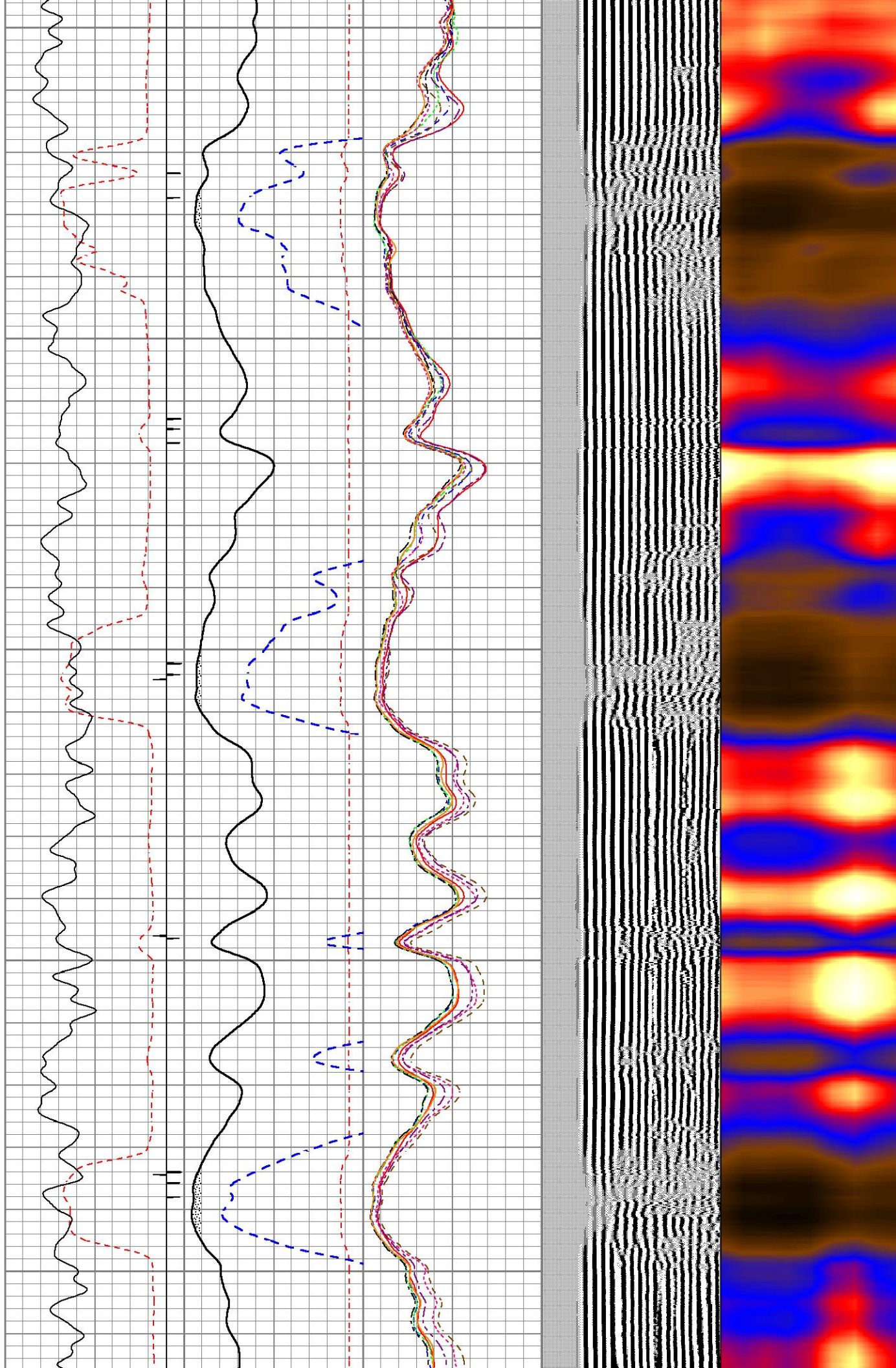




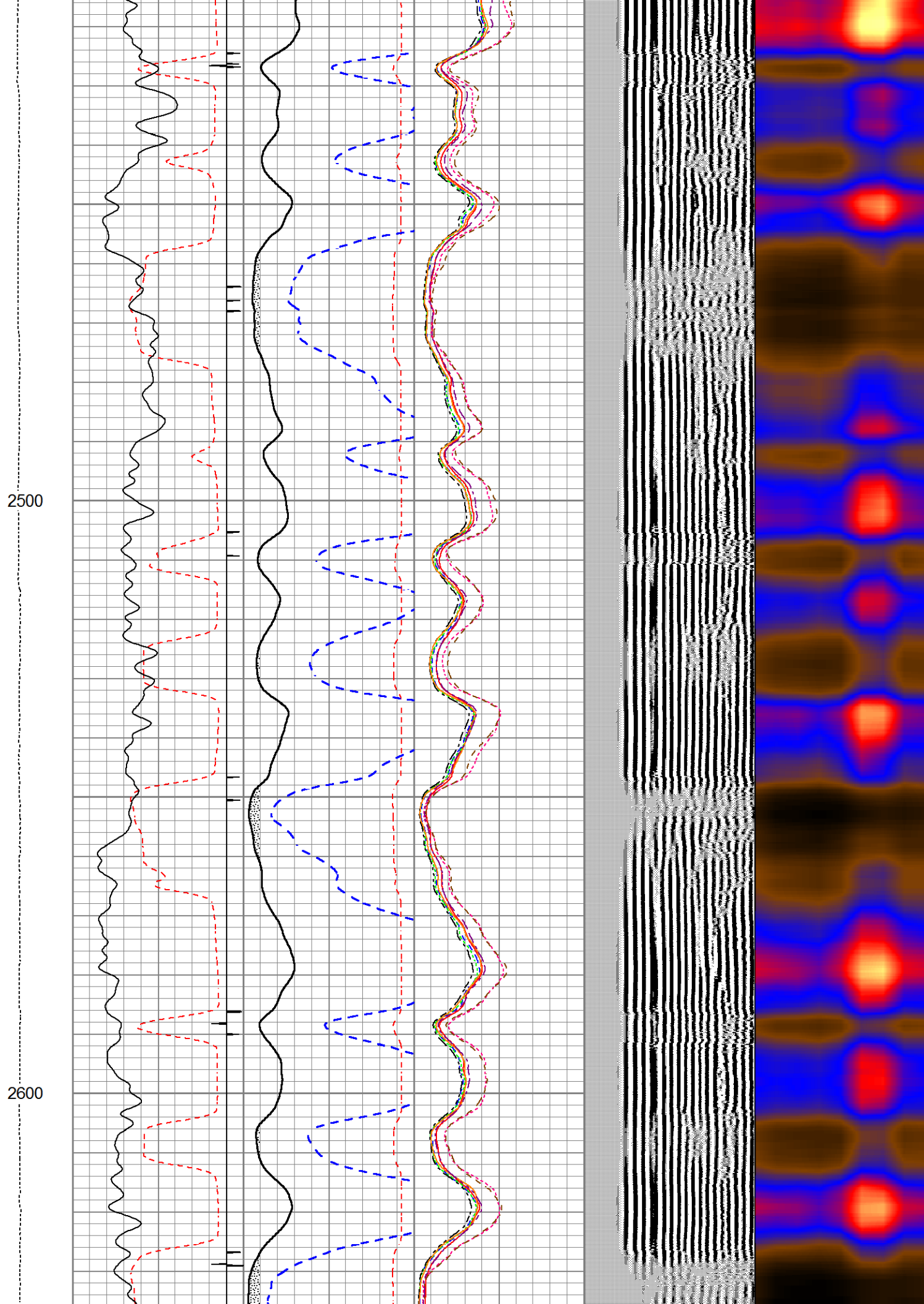
2200

2300

2400

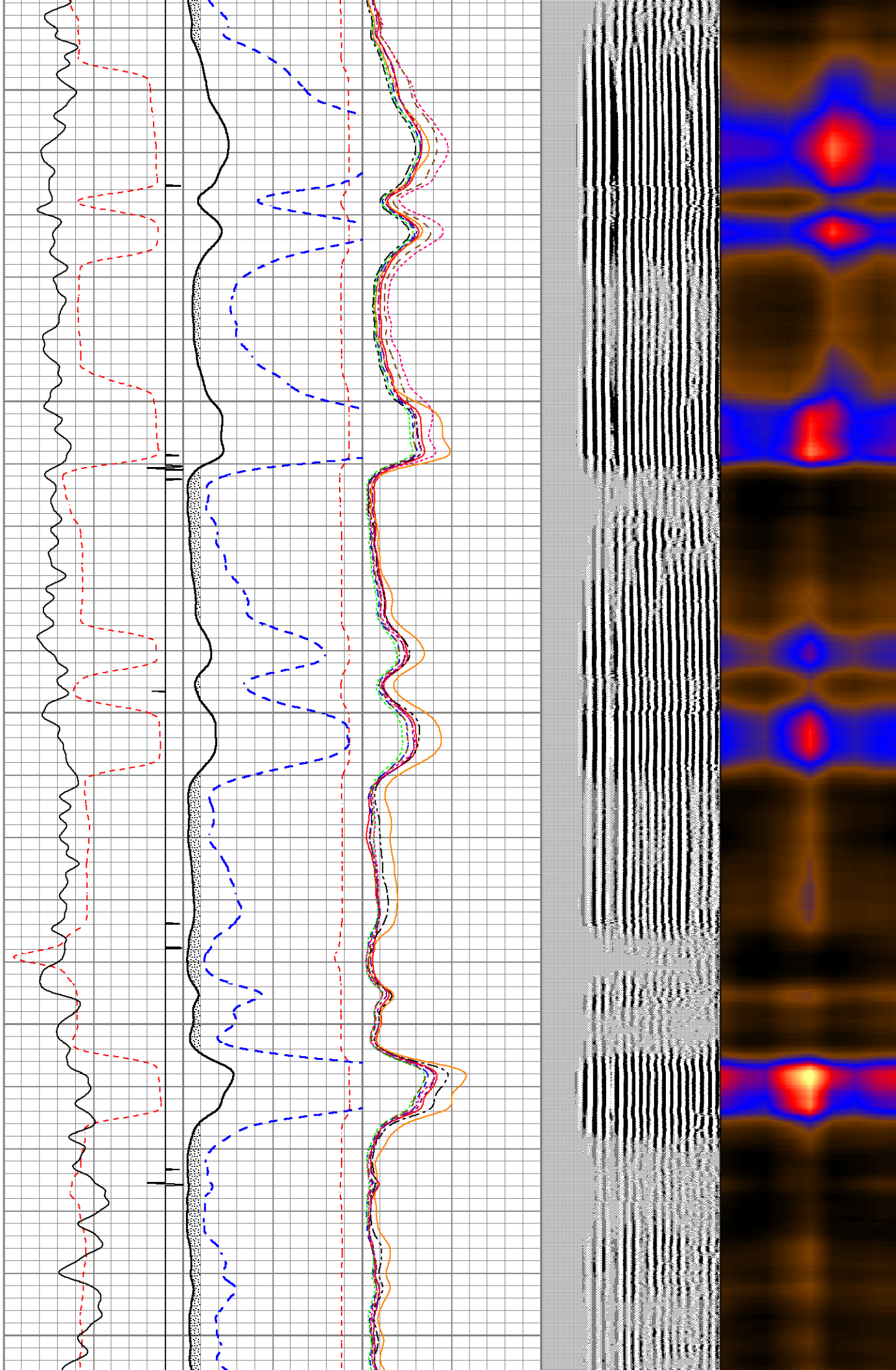






2700

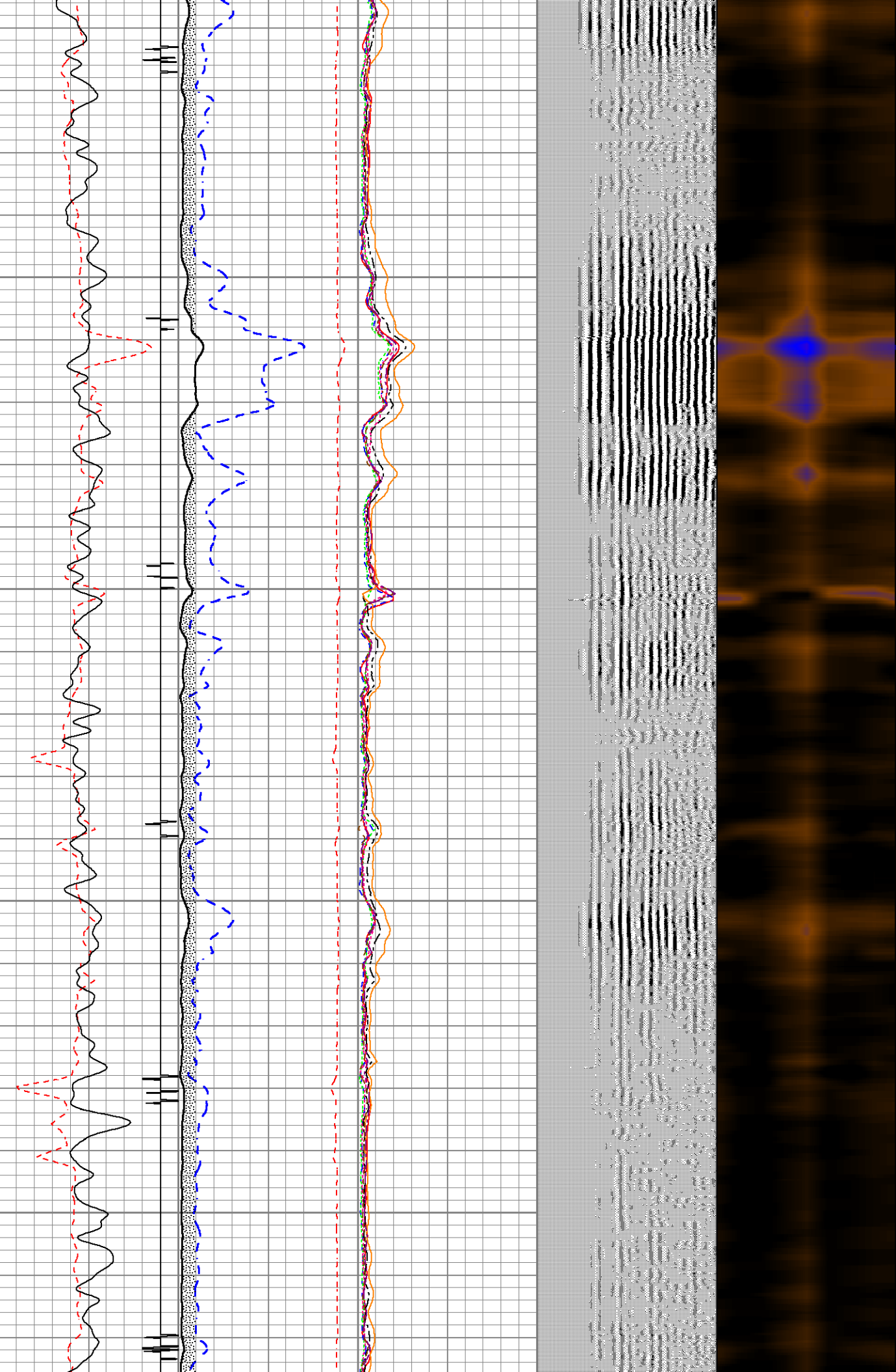
2800



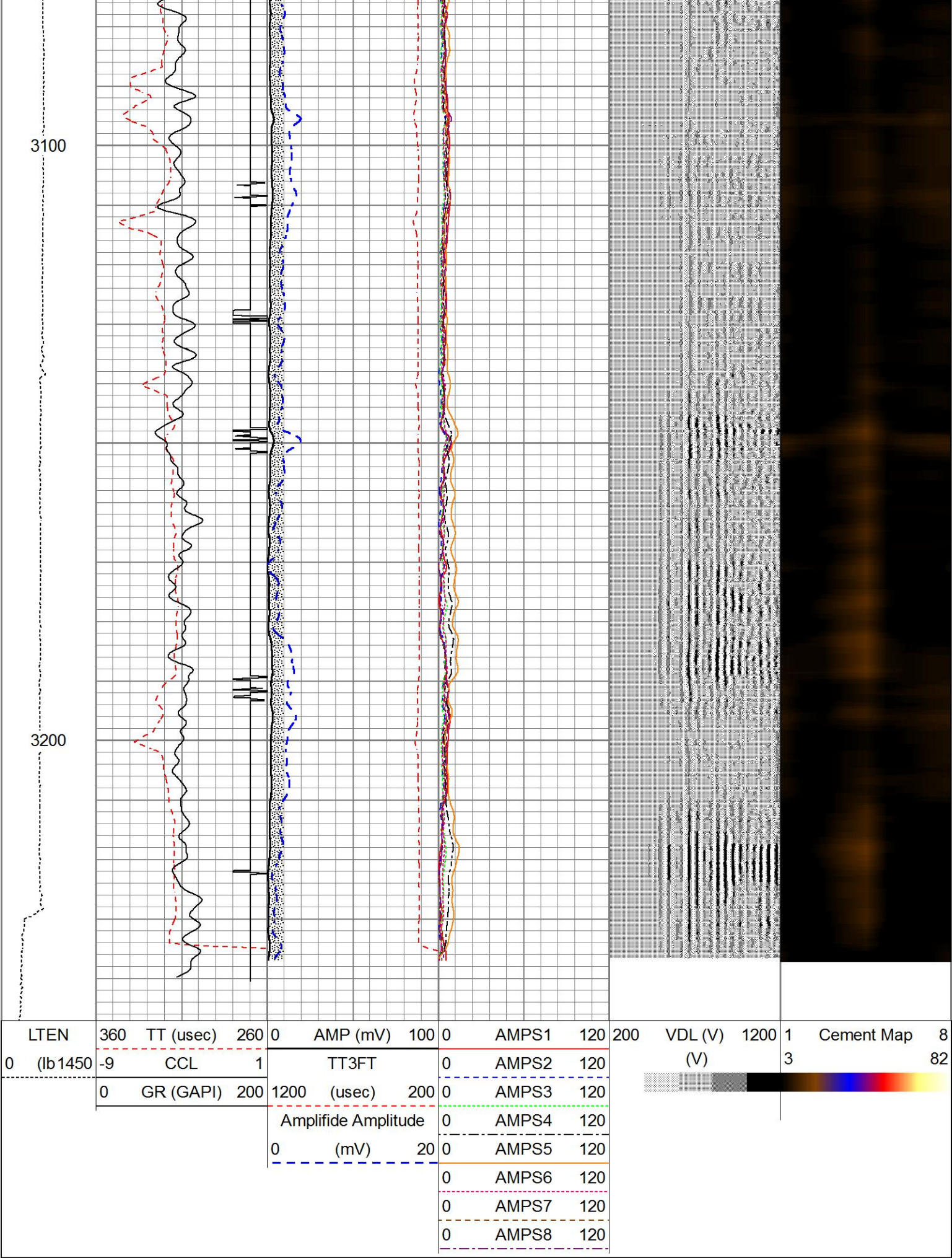


2900

3000







Database File 9-25-17 bp sweat.db  
 Dataset Pathname pass4.1  
 Dataset Creation Mon Sep 25 09:21:49 2017

## Gamma Ray Calibration Report

Serial Number: 1307-58  
 Tool Model: Probe275Gr  
 Performed: Mon Sep 25 08:29:31 2017

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps  
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

## Segmented Cement Bond Log Calibration Report

Serial Number: 1308-02  
 Tool Model: Probe

Calibration Casing Diameter: 5.500 in  
 Calibration Depth: 540.458 ft

## Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.012	1.012	0.000	71.921	70.215	0.859
CAL	0.002	1.049				
5'	-0.008	0.920	0.000	71.921	77.438	0.656
SUM						
S1	-0.055	0.998	0.000	100.000	94.999	5.197
S2	-0.004	1.048	0.000	100.000	95.039	0.421
S3	0.000	1.042	0.000	100.000	96.006	-0.043
S4	0.001	1.034	0.000	100.000	96.802	-0.099
S5	0.001	0.993	0.000	100.000	100.818	-0.131
S6	0.000	0.990	0.000	100.000	101.037	-0.050
S7	-0.022	0.987	0.000	100.000	99.050	2.199
S8	-0.036	0.980	0.000	100.000	98.413	3.550

## Internal Reference Calibration, performed Fri Sep 04 12:49:21 2015:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.002	1.049	1.000	0.000

## Air Zero Calibration, performed Mon Sep 25 08:19:22 2017:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000

S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000