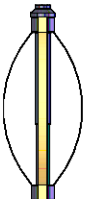

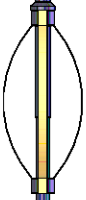
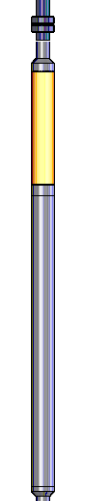
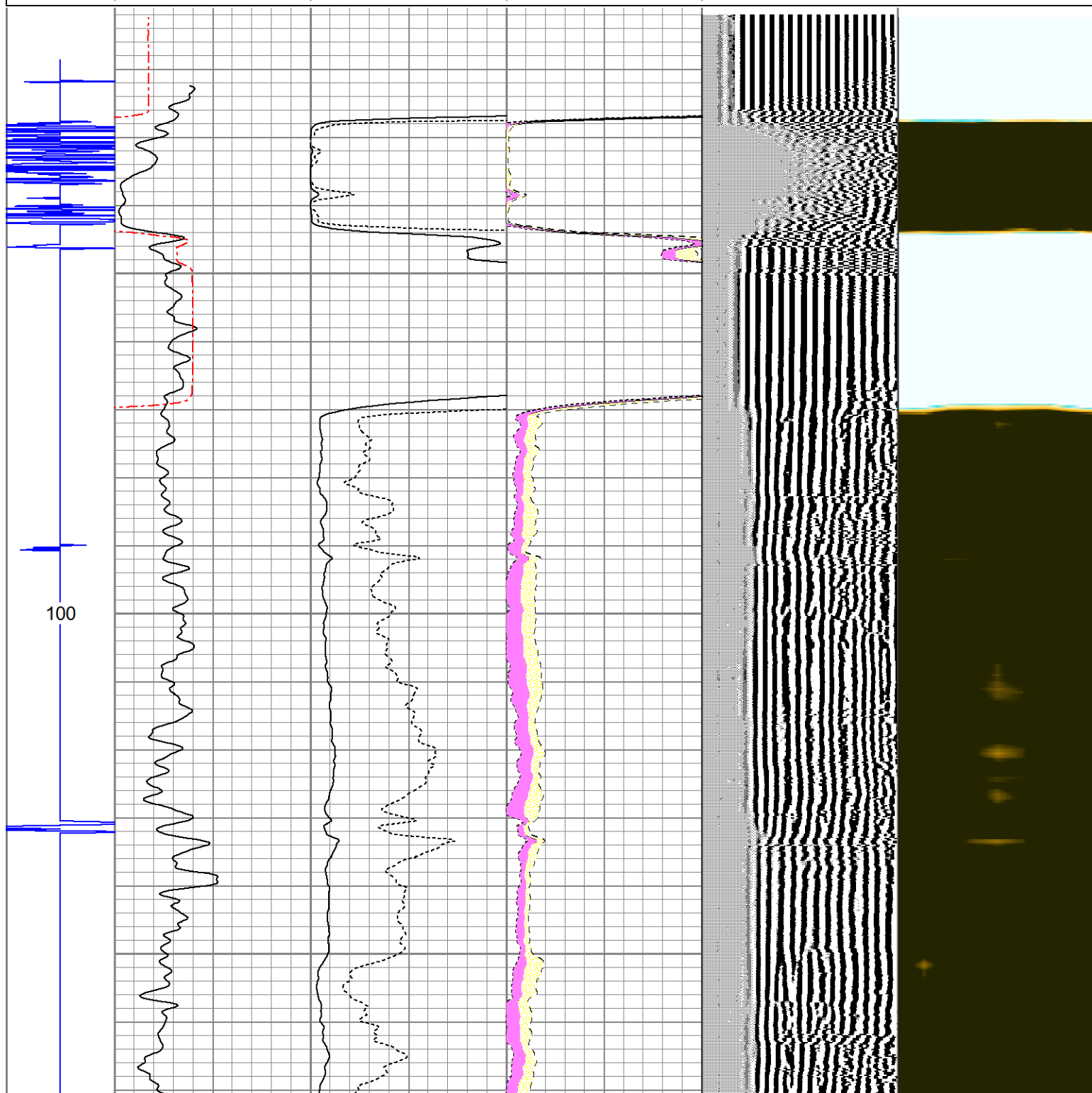
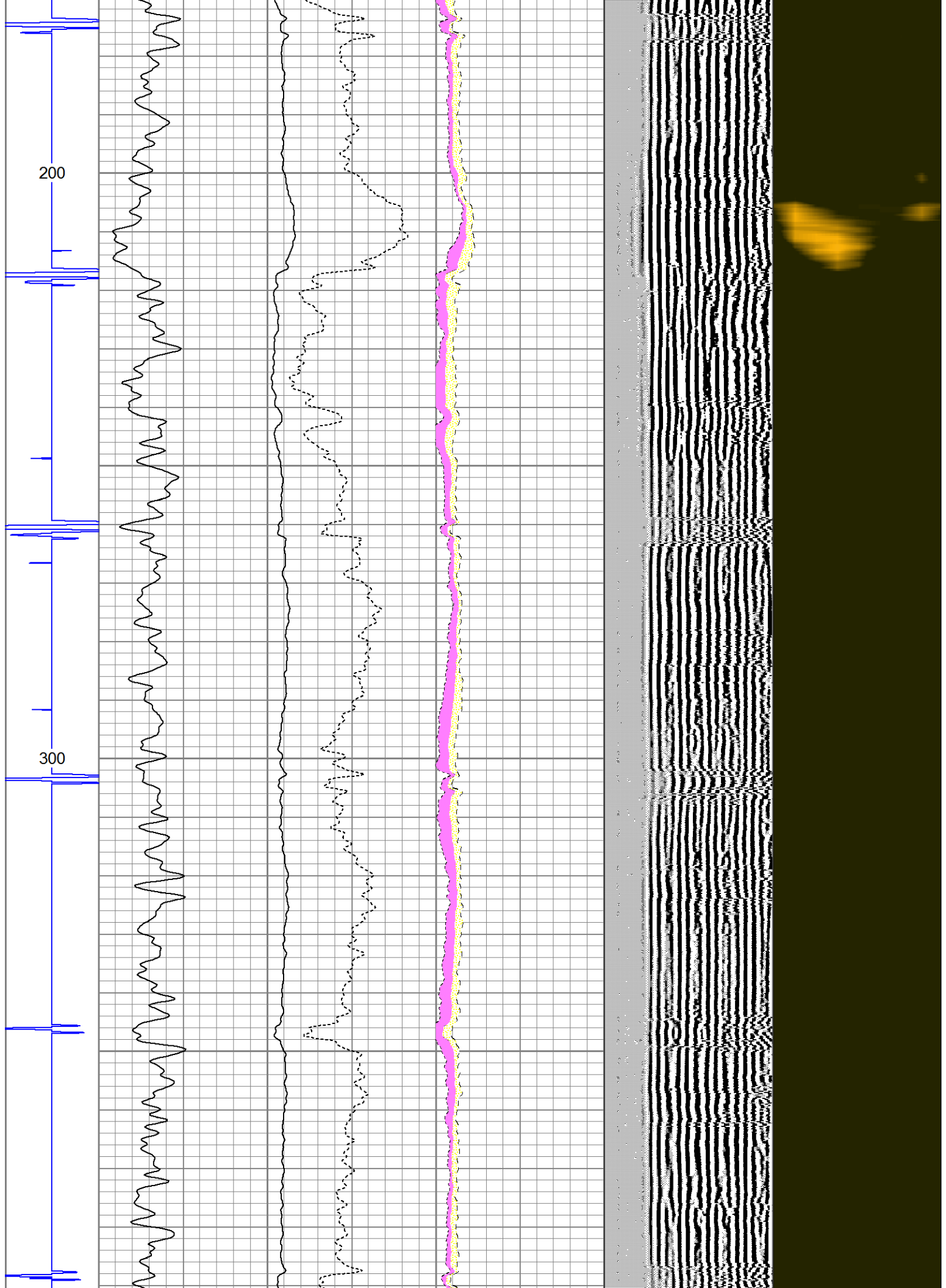


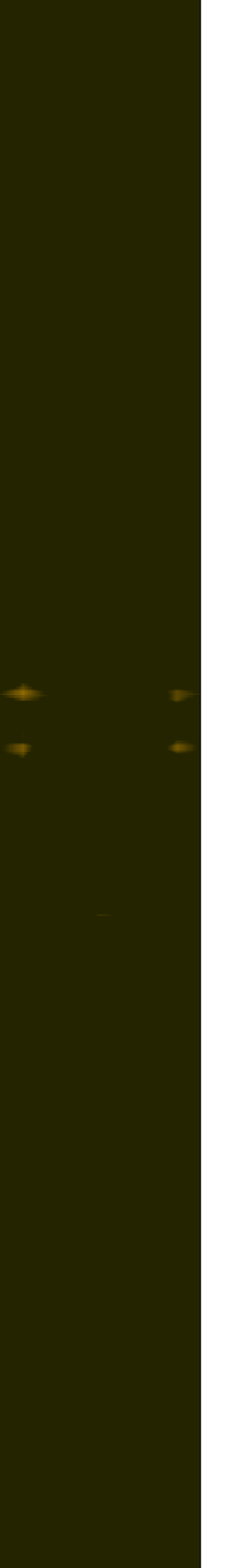
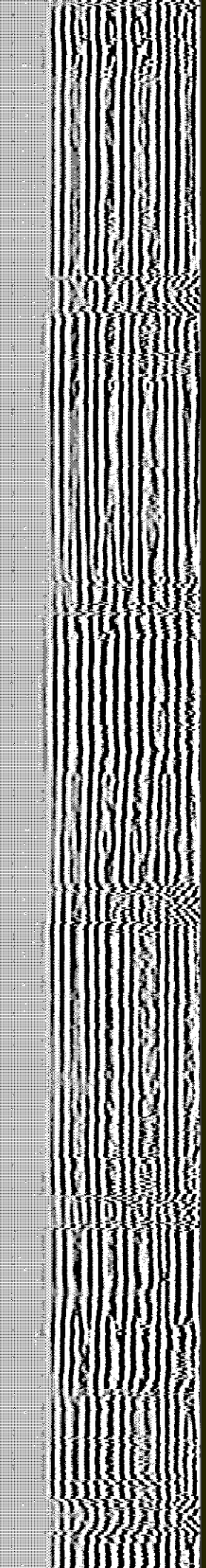
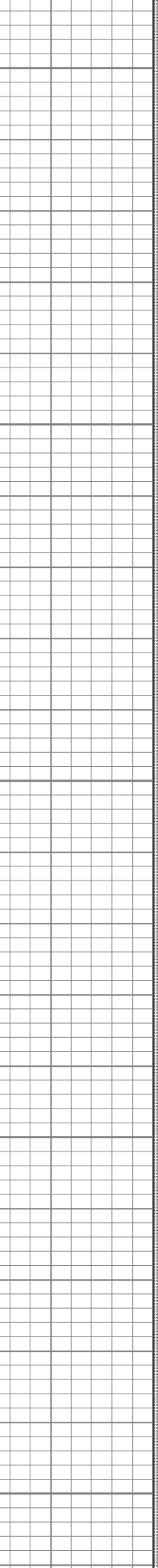
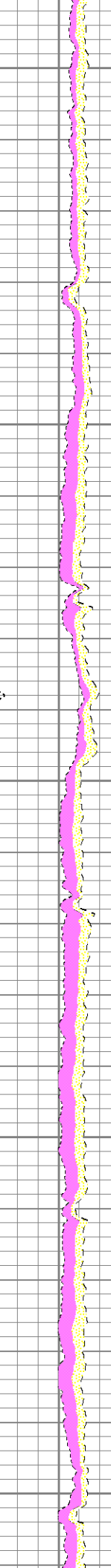
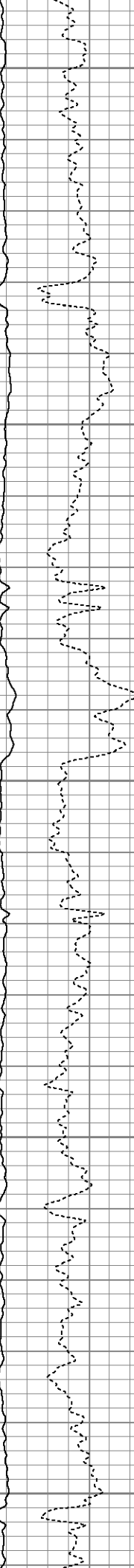
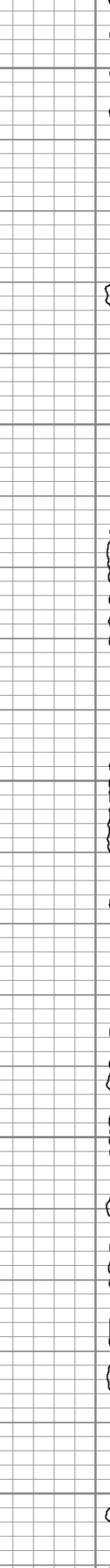
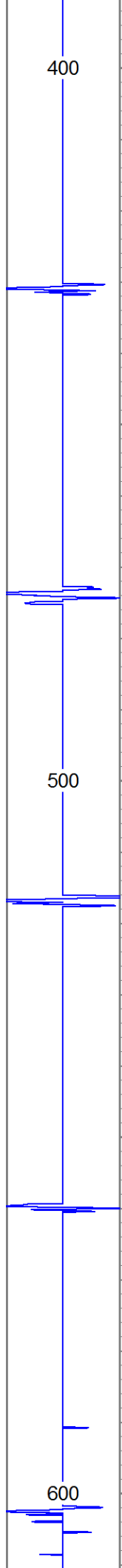
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF3FT	11.78		RBT-Probe (4.5040904) Prototype Probe Radii Bond Tool with Digital Telemetry	8.88	2.75	90.00
WVFCAL	11.78					
WVFS1	11.78					
WVFS2	11.78					
WVFS3	11.78					
WVFS4	11.78					
WVFS5	11.78					
WVFS6	11.78					
WVFS7	11.78					
WVFS8	11.78					
WVF5FT	10.78					
			PTS275	2.83	2.75	
CCL	3.84		GCT-GRCCLTEMP (130608) Probe GCT	4.69	2.75	100.00
TEMP	3.14					
GR	2.30					

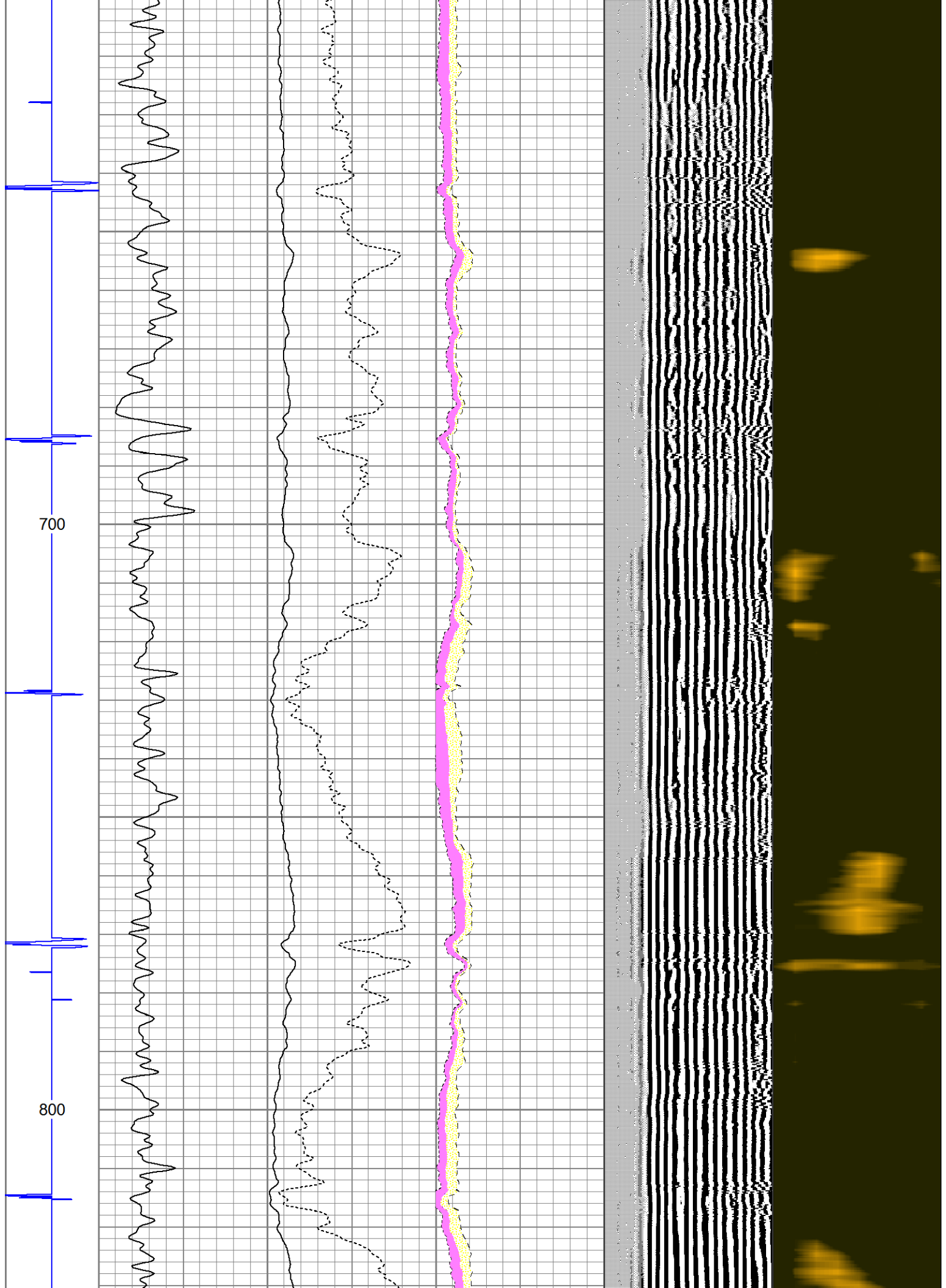
Database File: 05123384200000_grenemyer_16n_3hz_rbl.db
 Dataset Pathname: pass1
 Presentation Format: scbl02
 Dataset Creation: Mon Feb 24 15:21:44 2014
 Charted by: Depth in Feet scaled 1:240

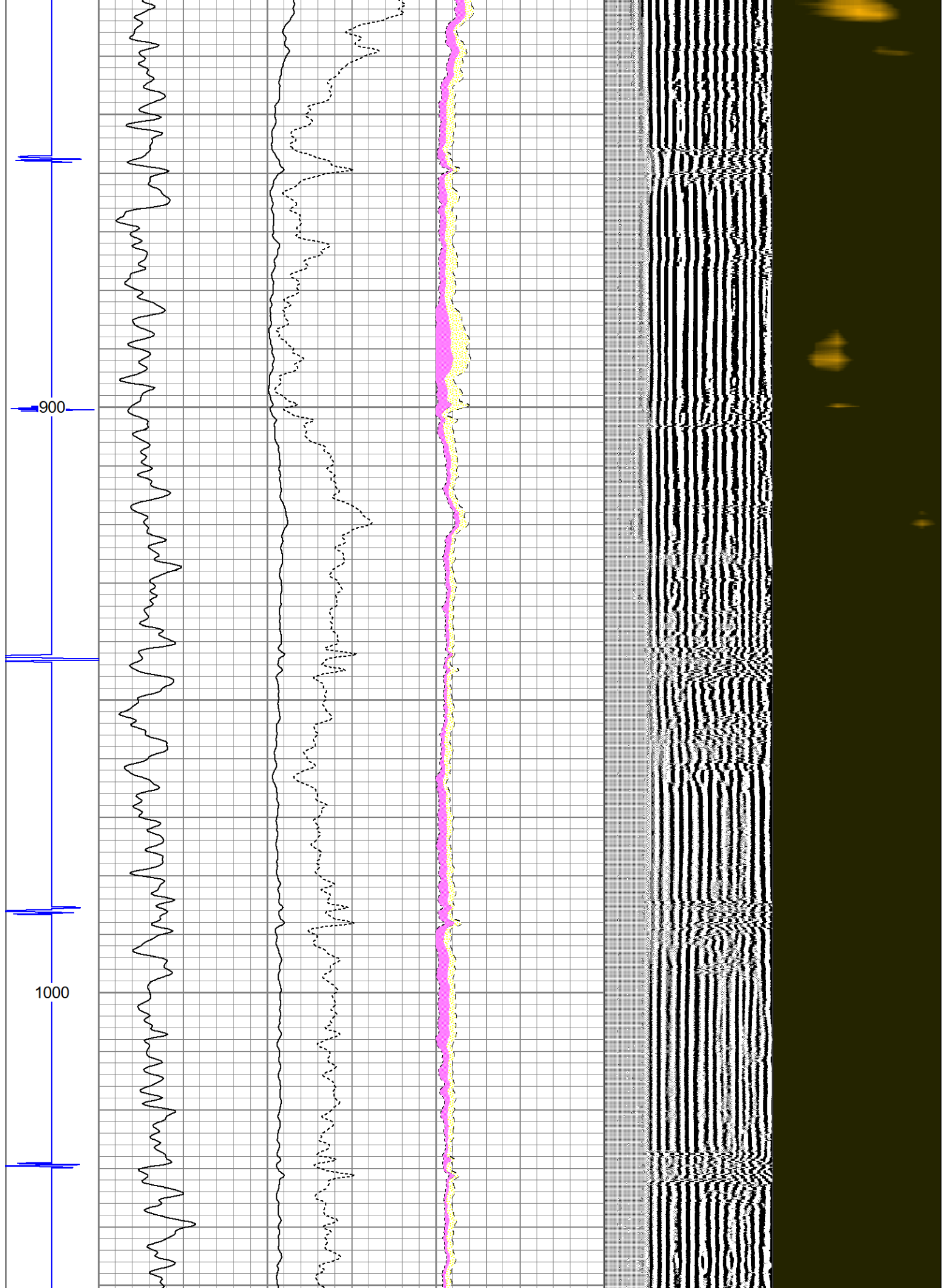
-5	CCL	5	0	GR (GAPI)	200	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	SECTOR MAP	8
				TT3FT		0	AMPx5 (mV)	20	0	AMPMAX	150				25		75
				326 (usec)	226				0	AMPMIN	150						

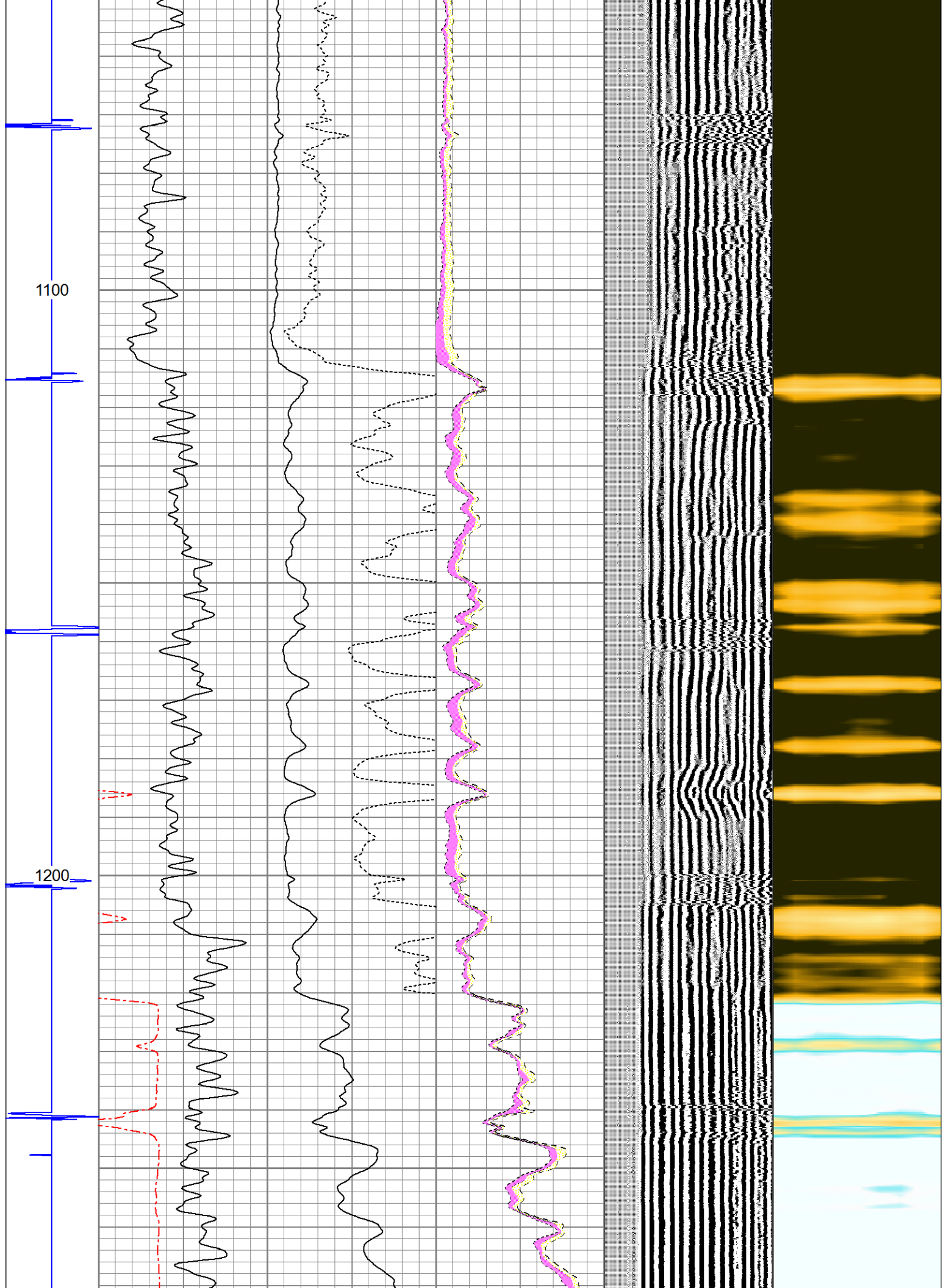


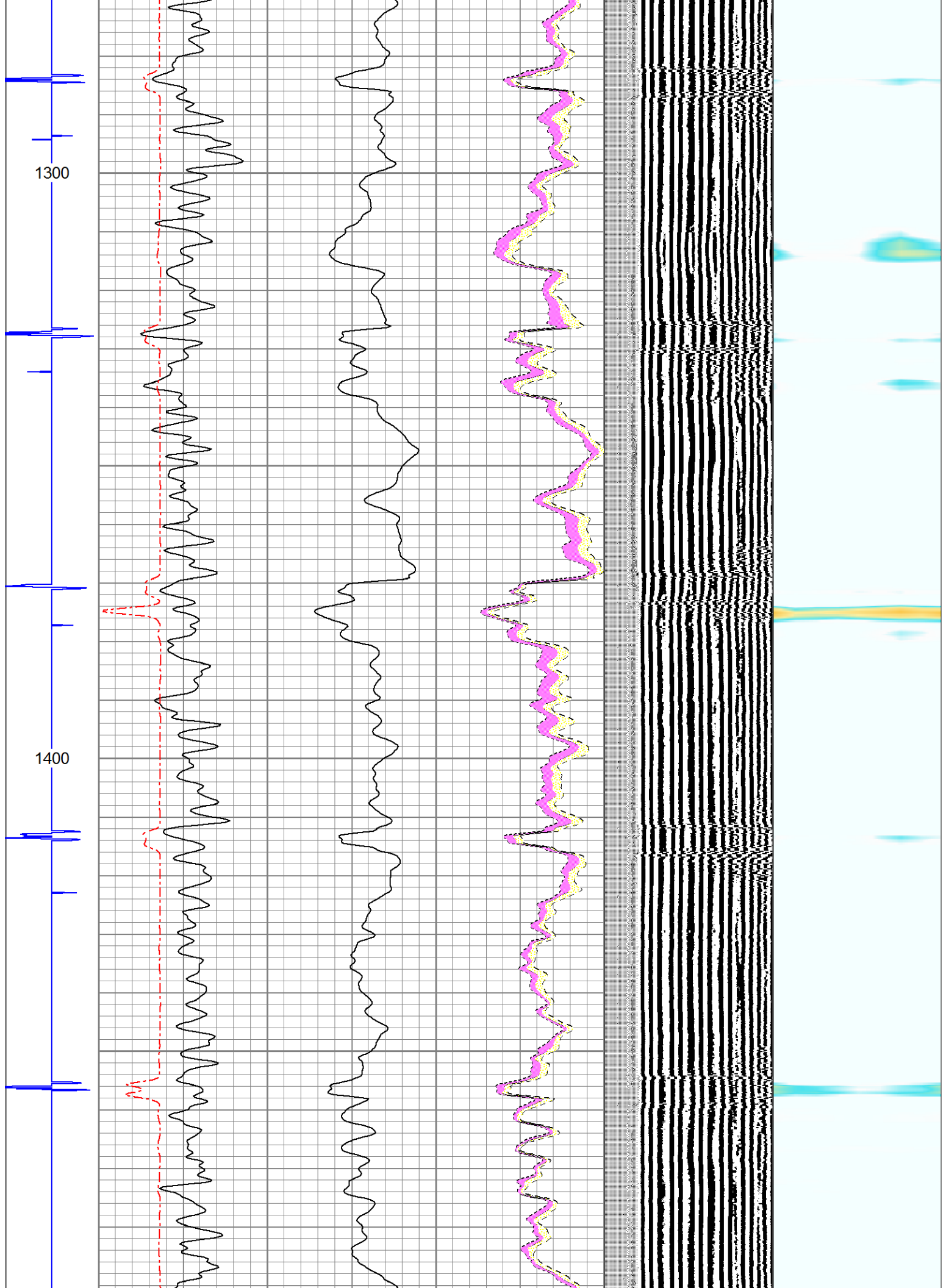


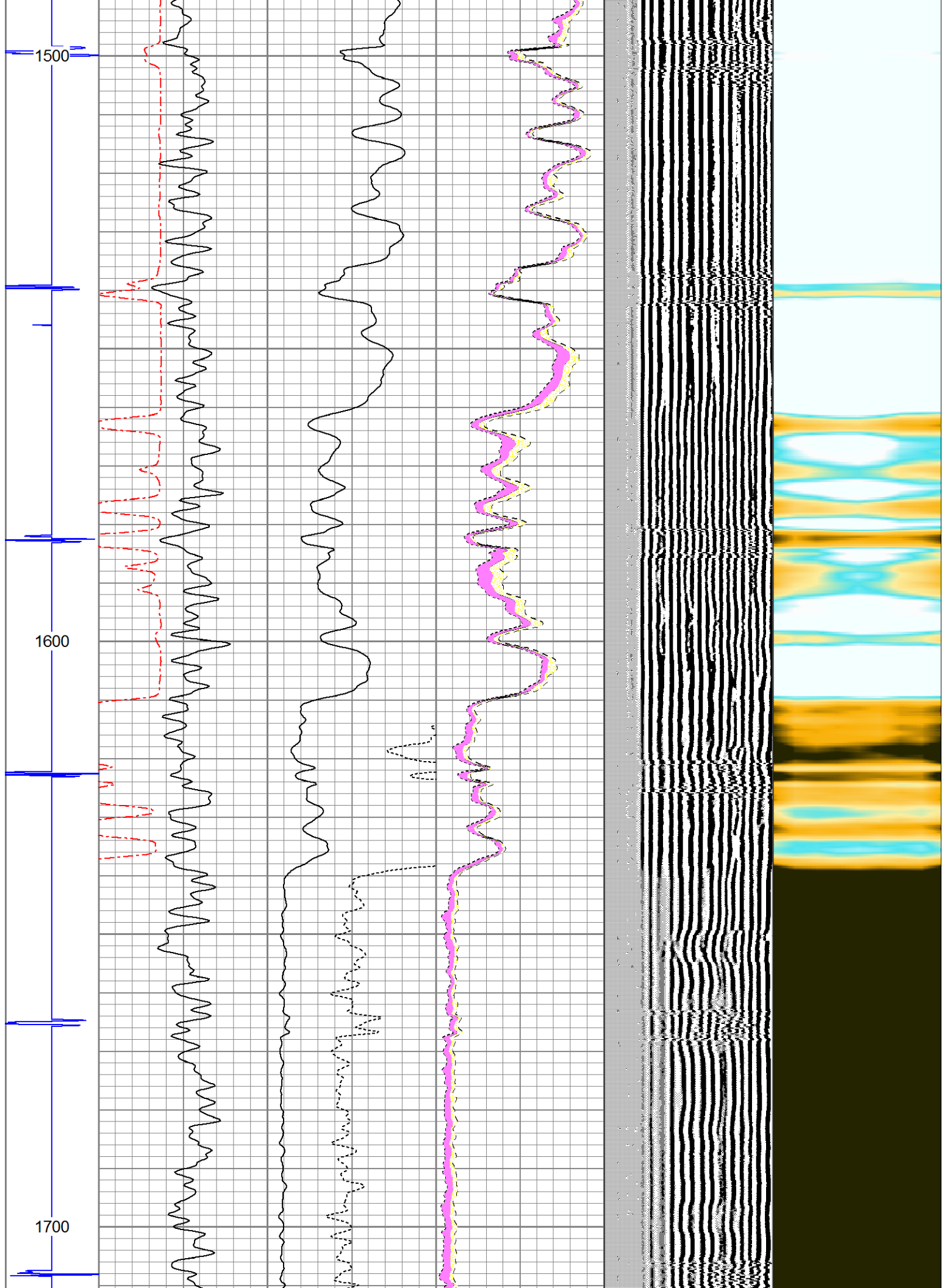


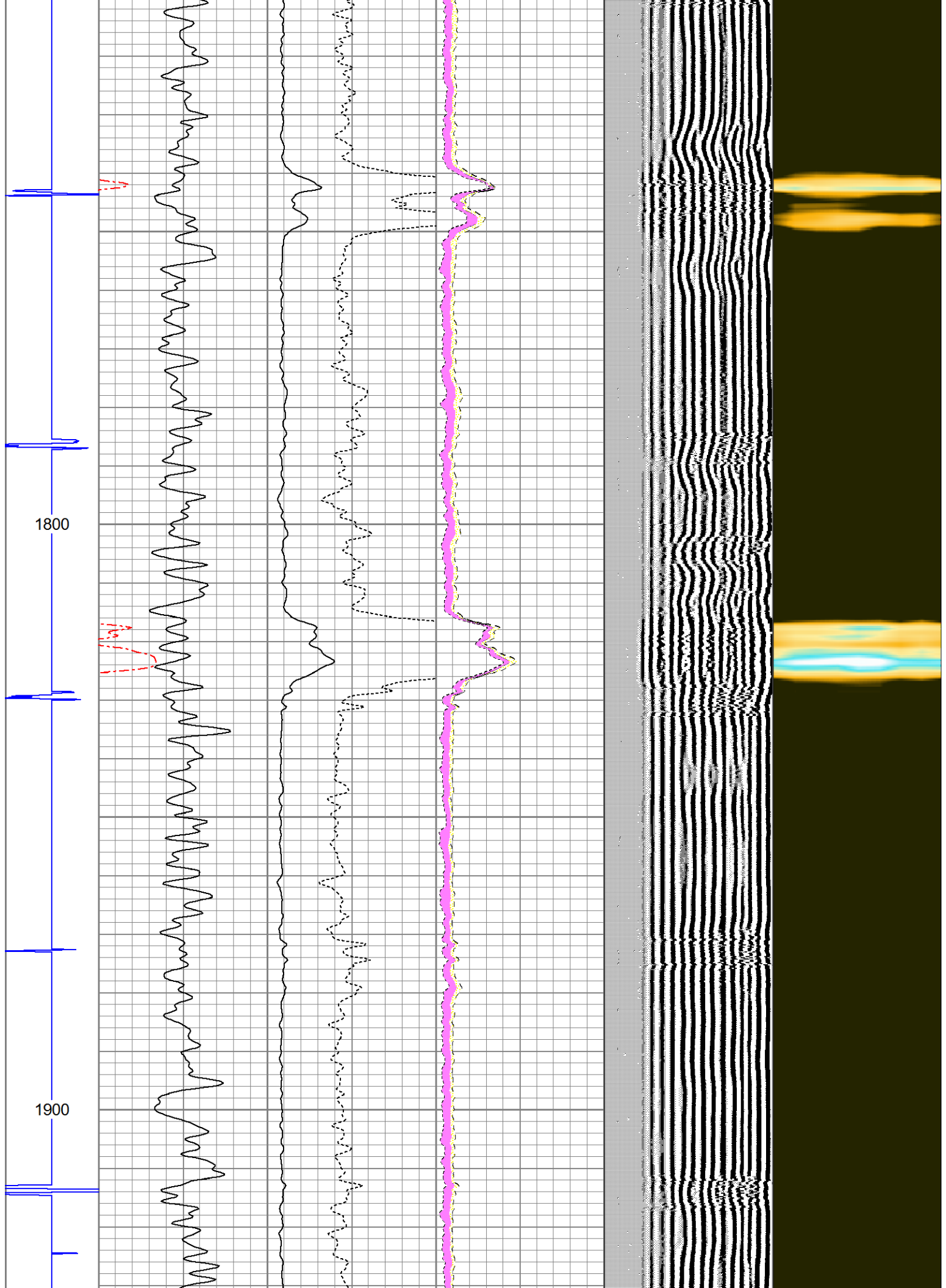


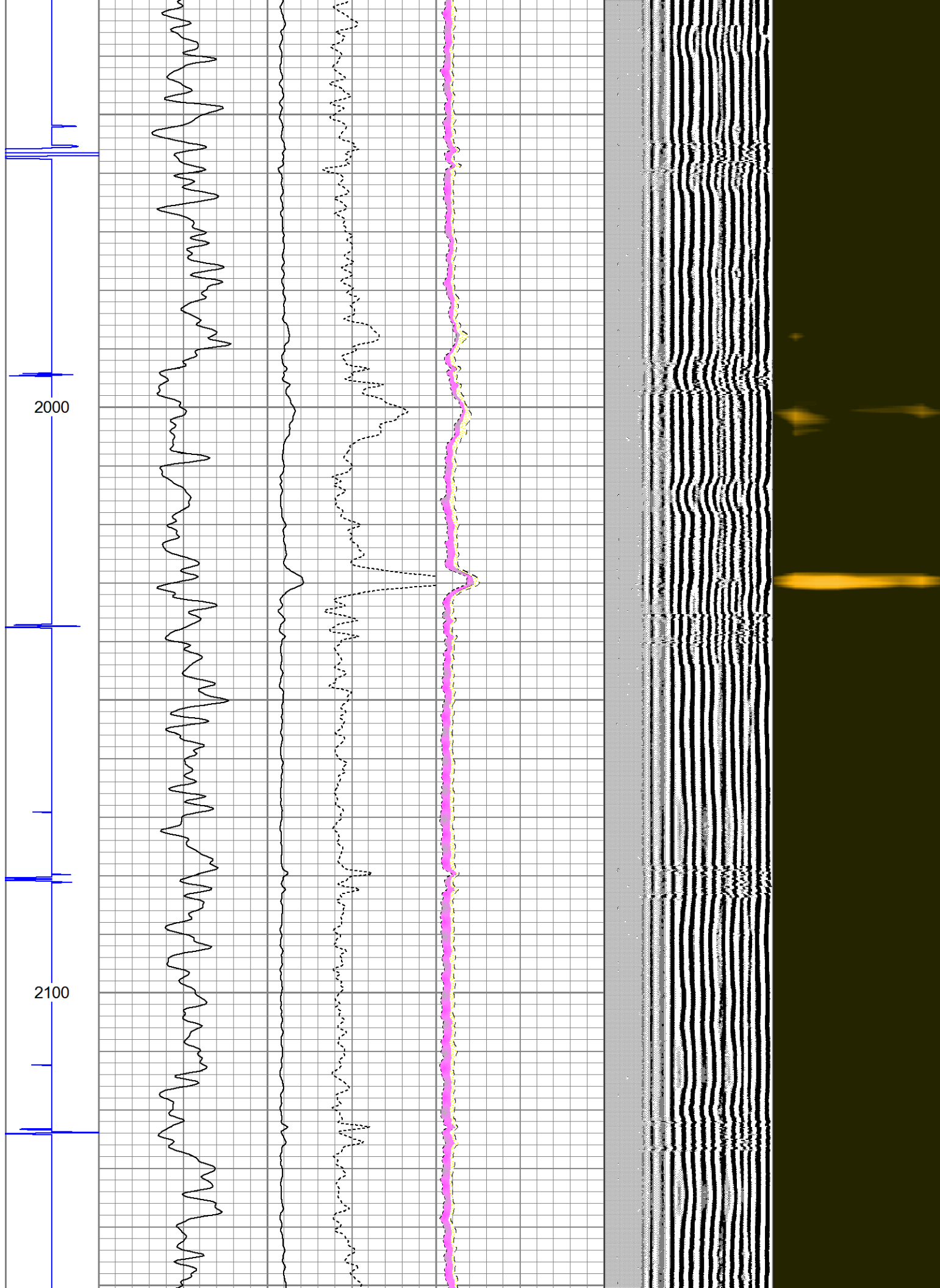


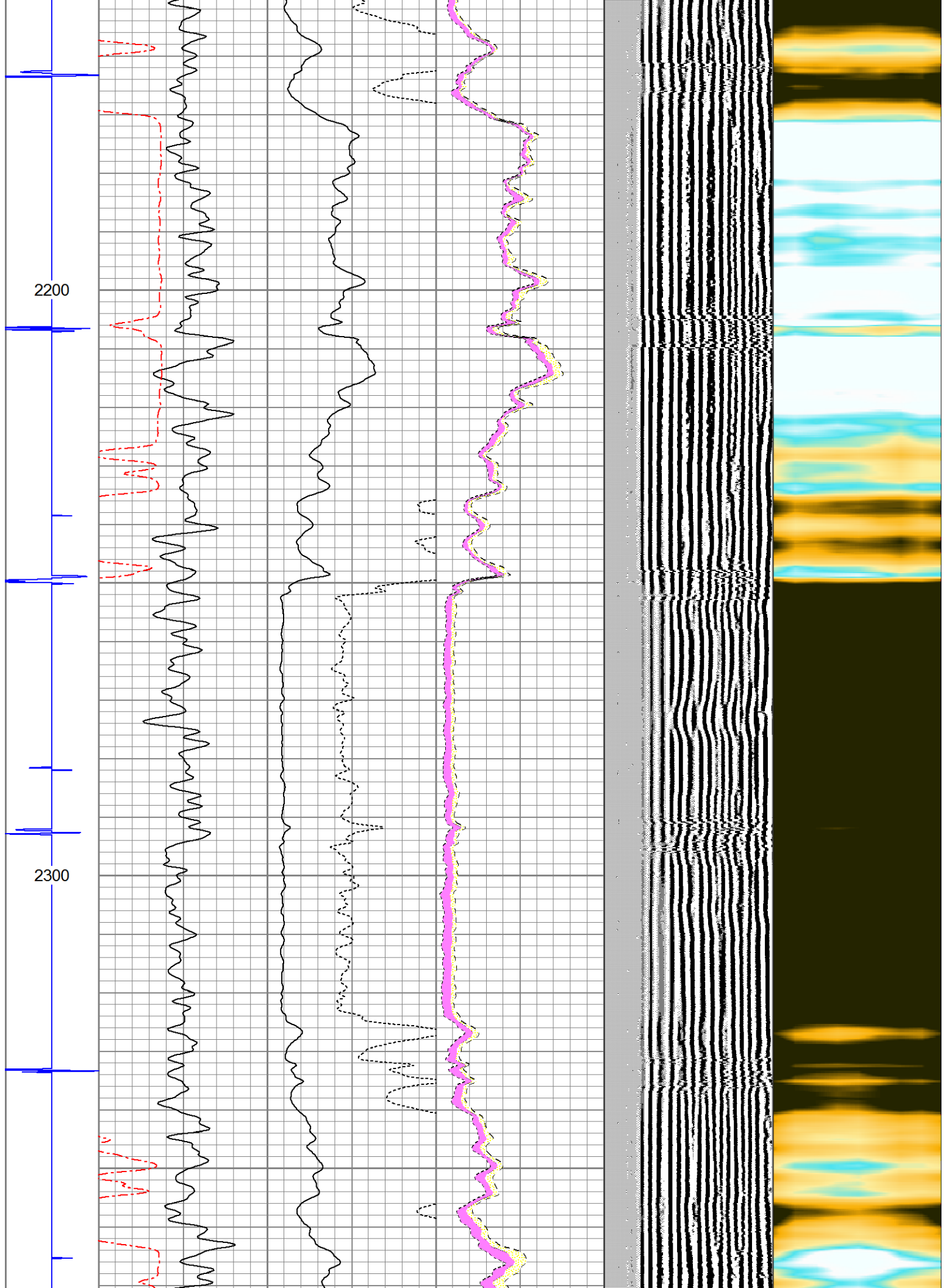


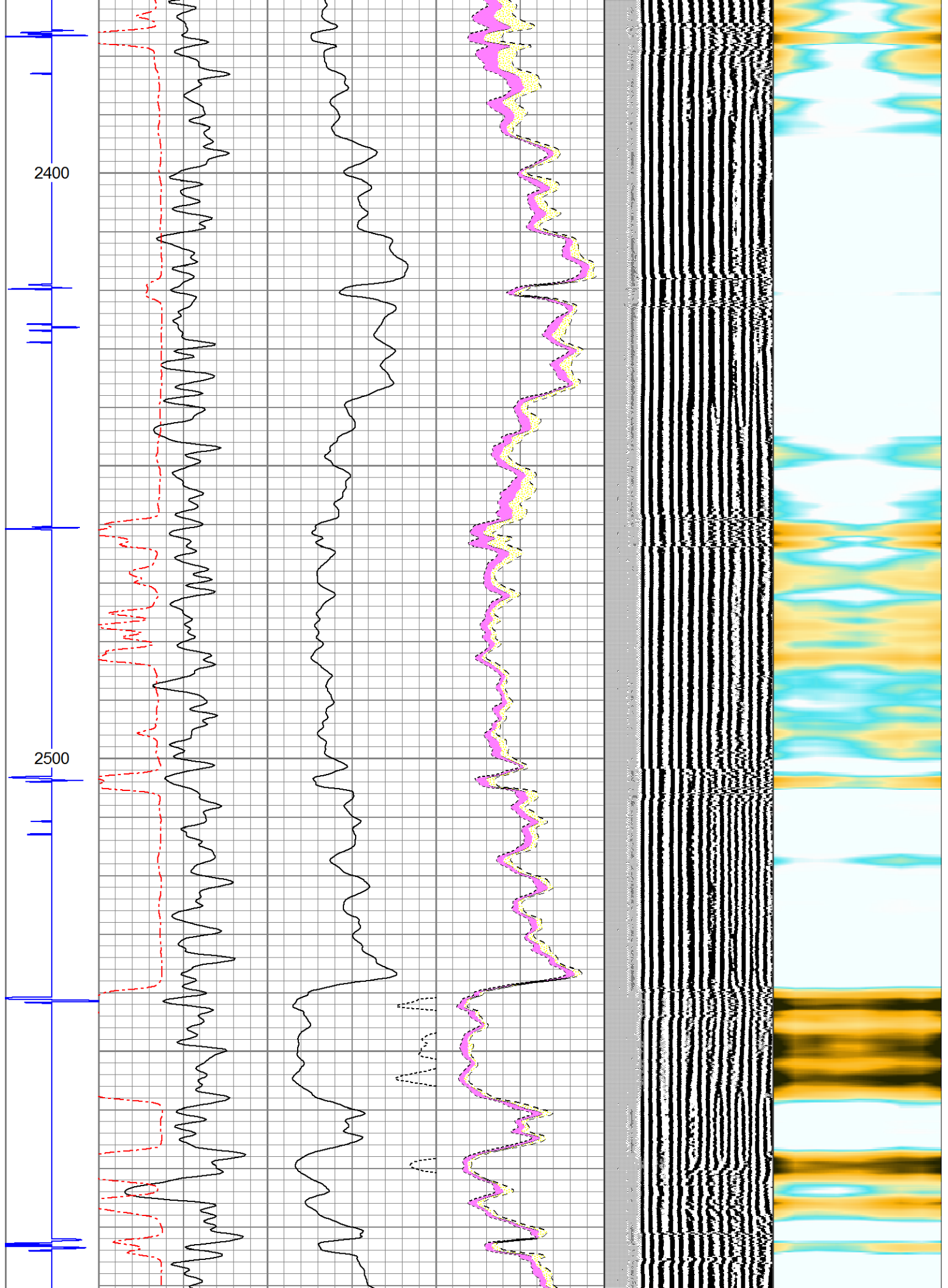


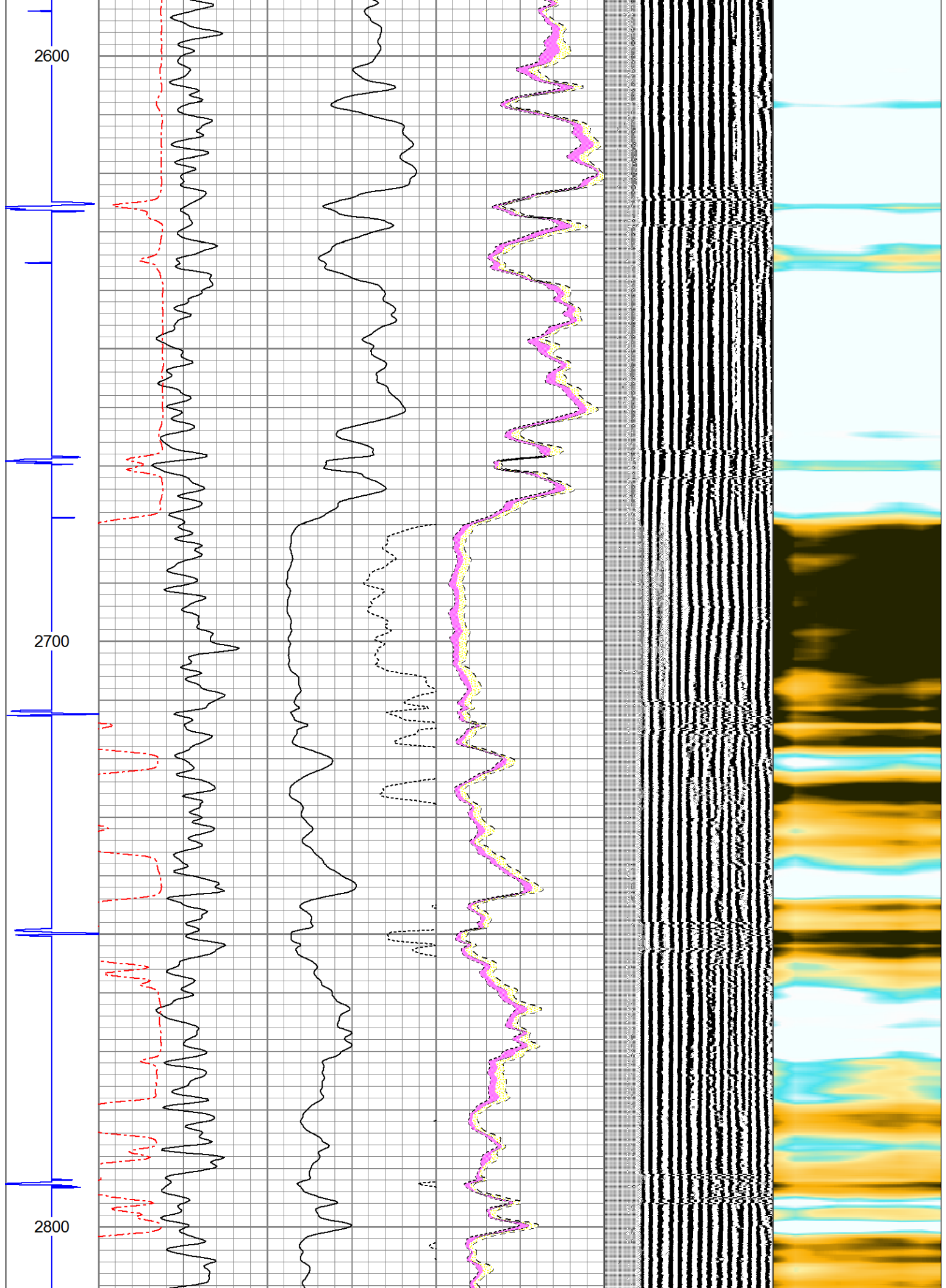


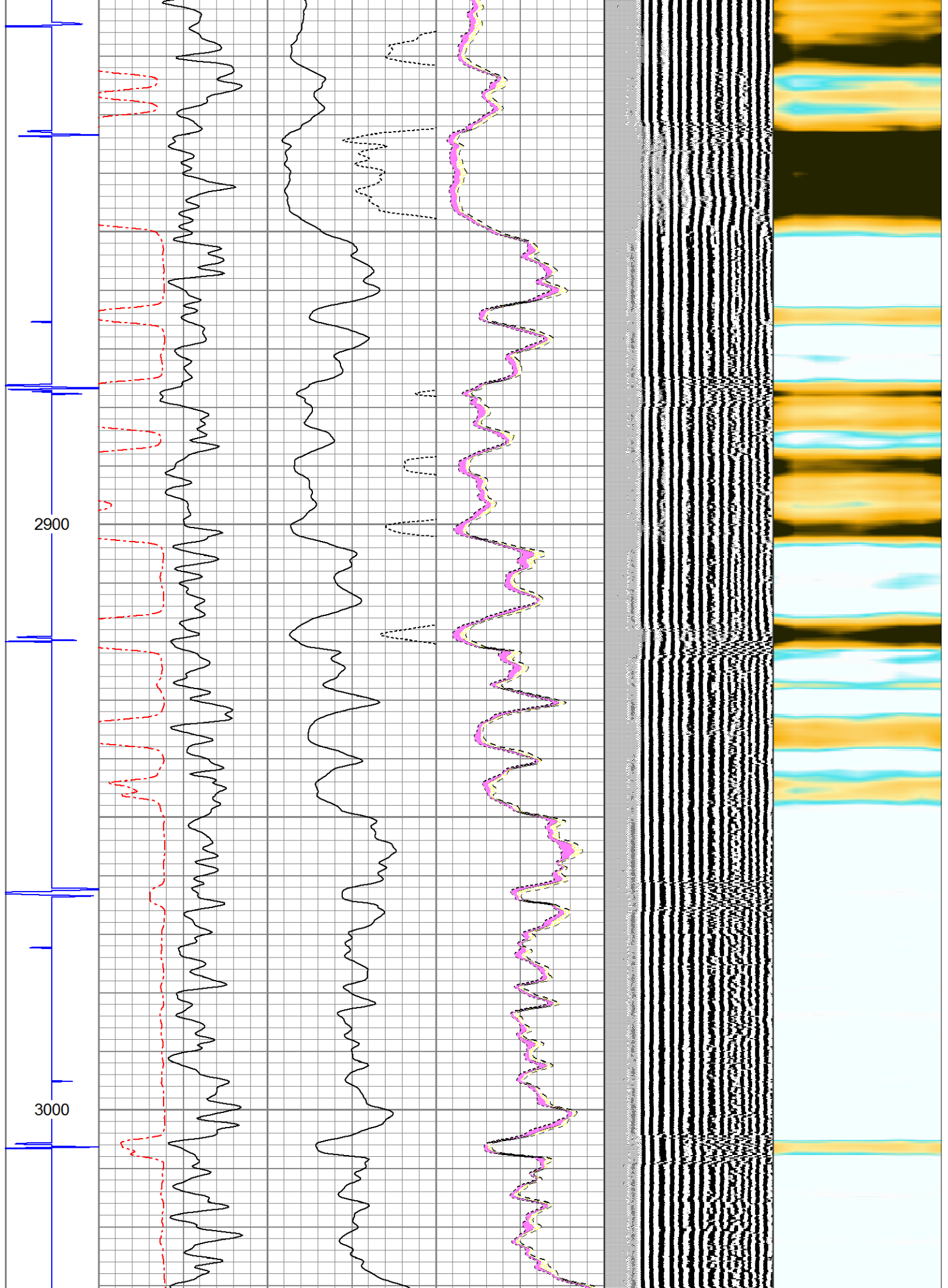


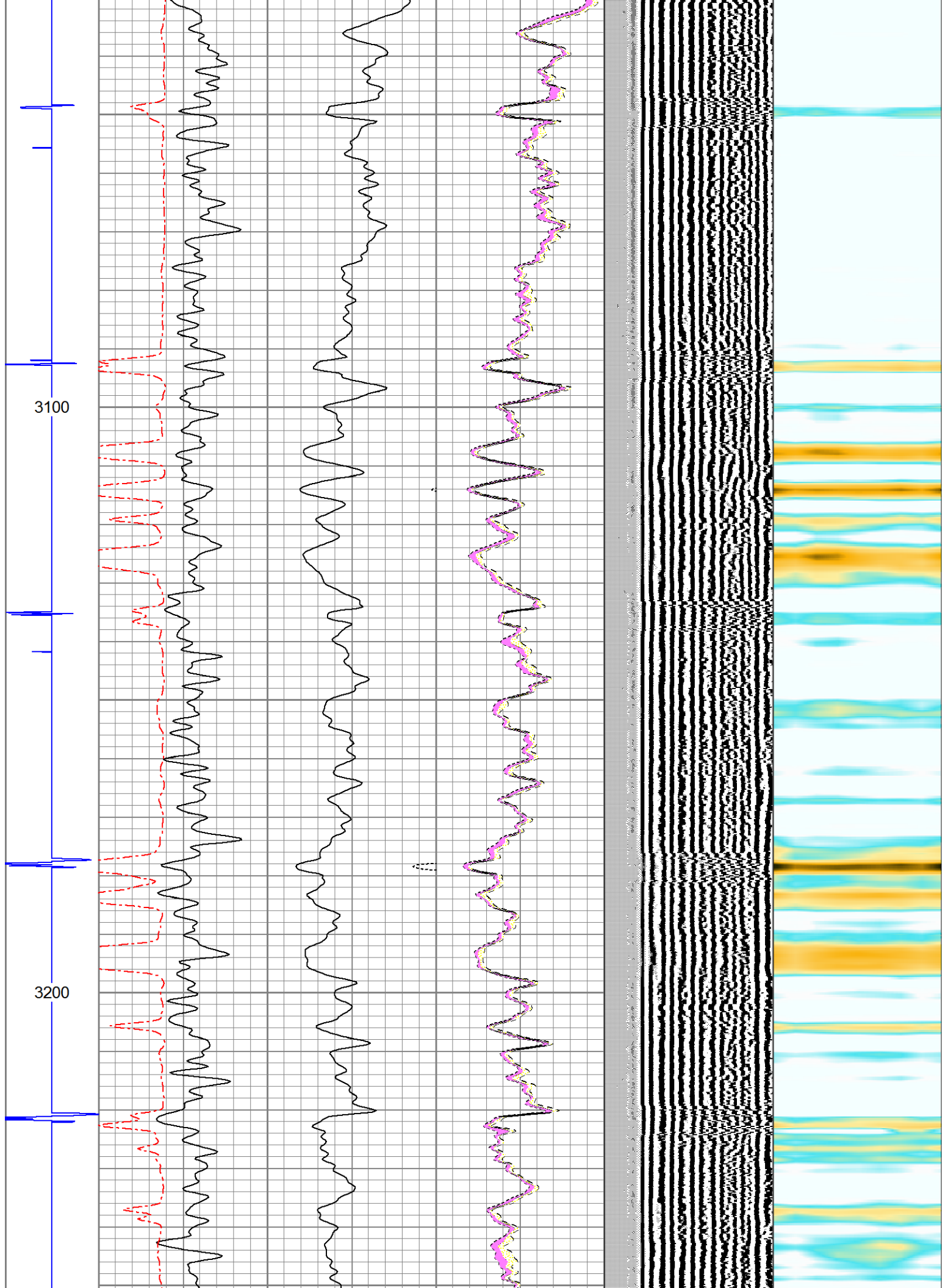


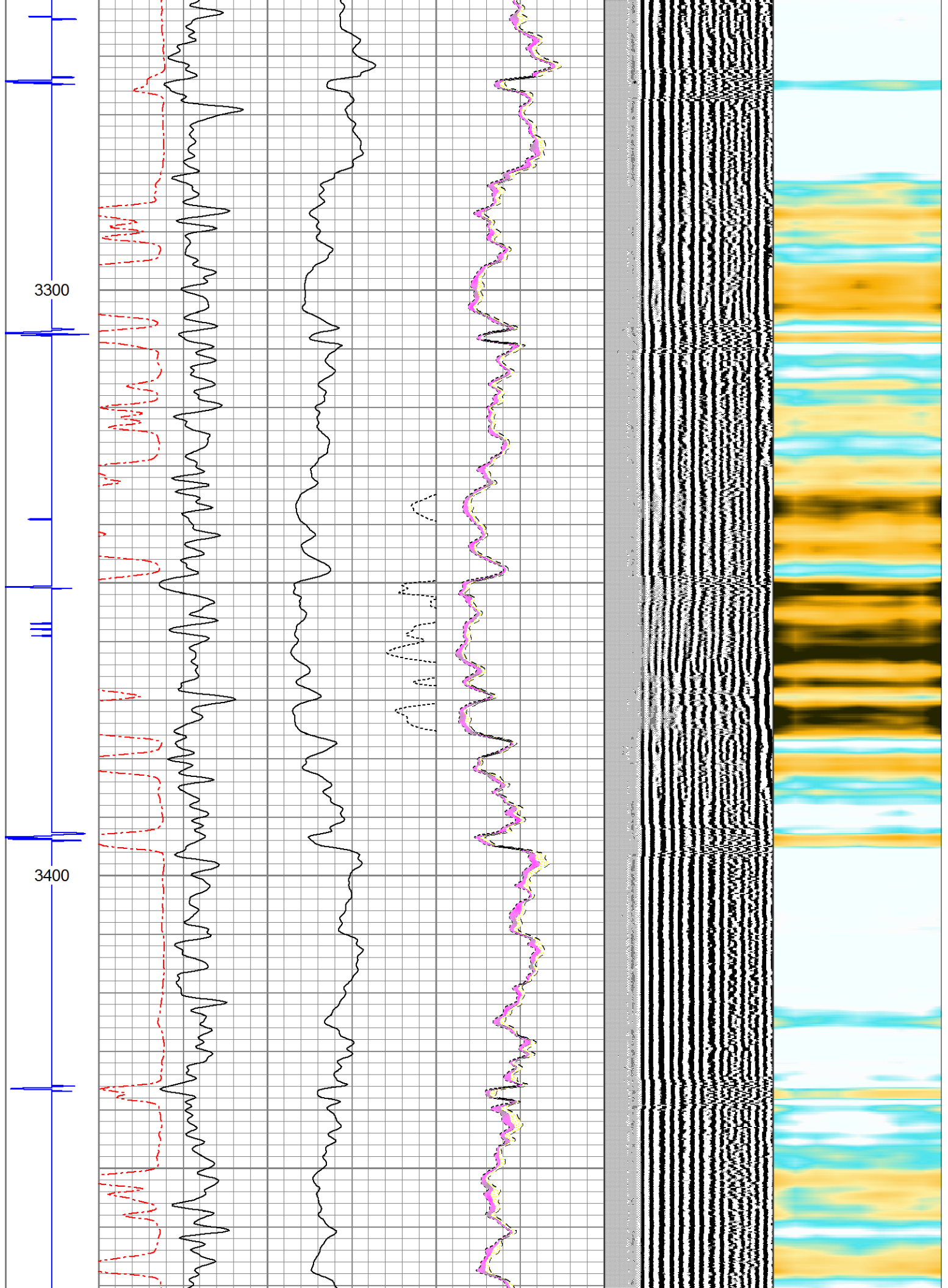


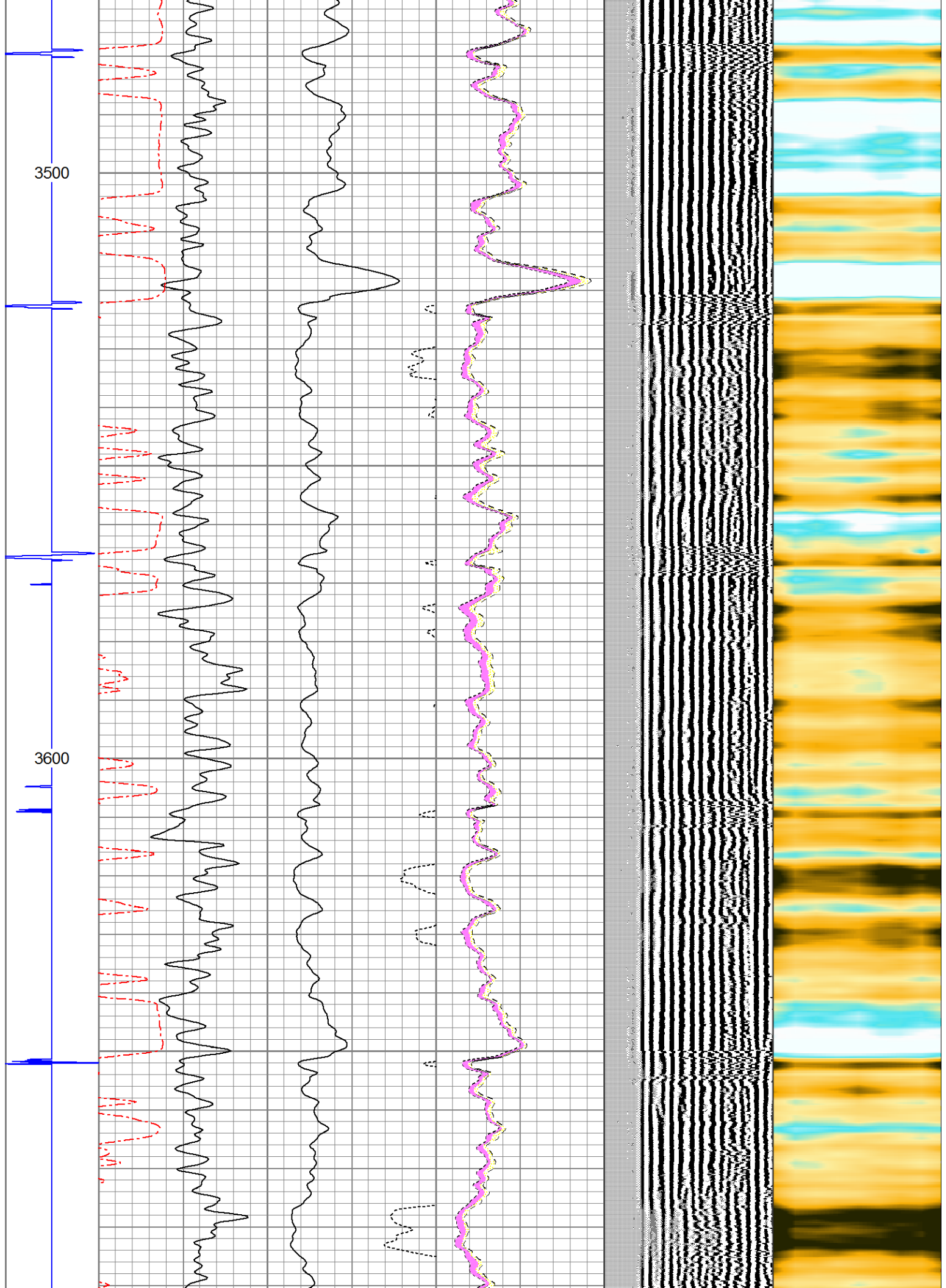


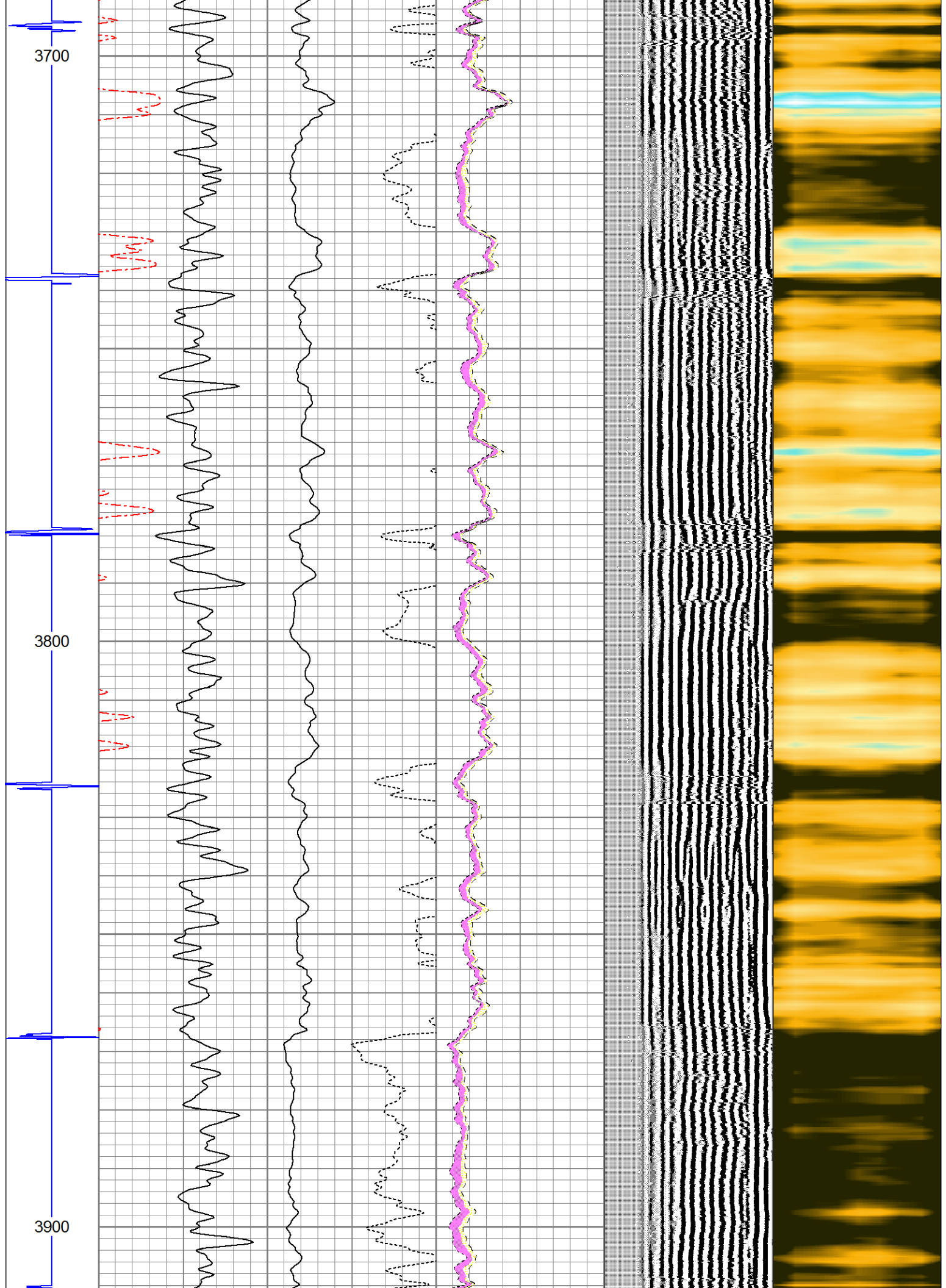


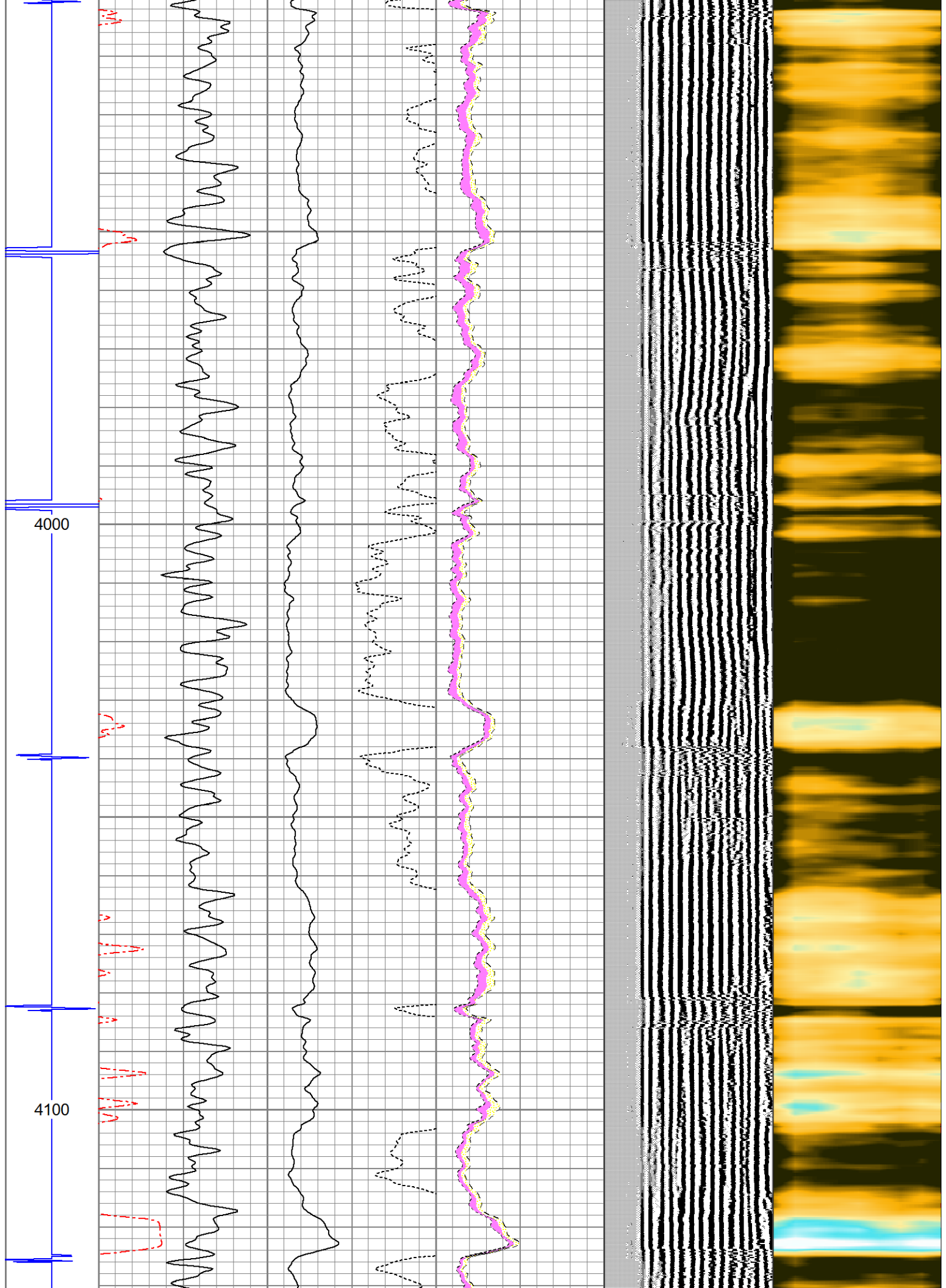


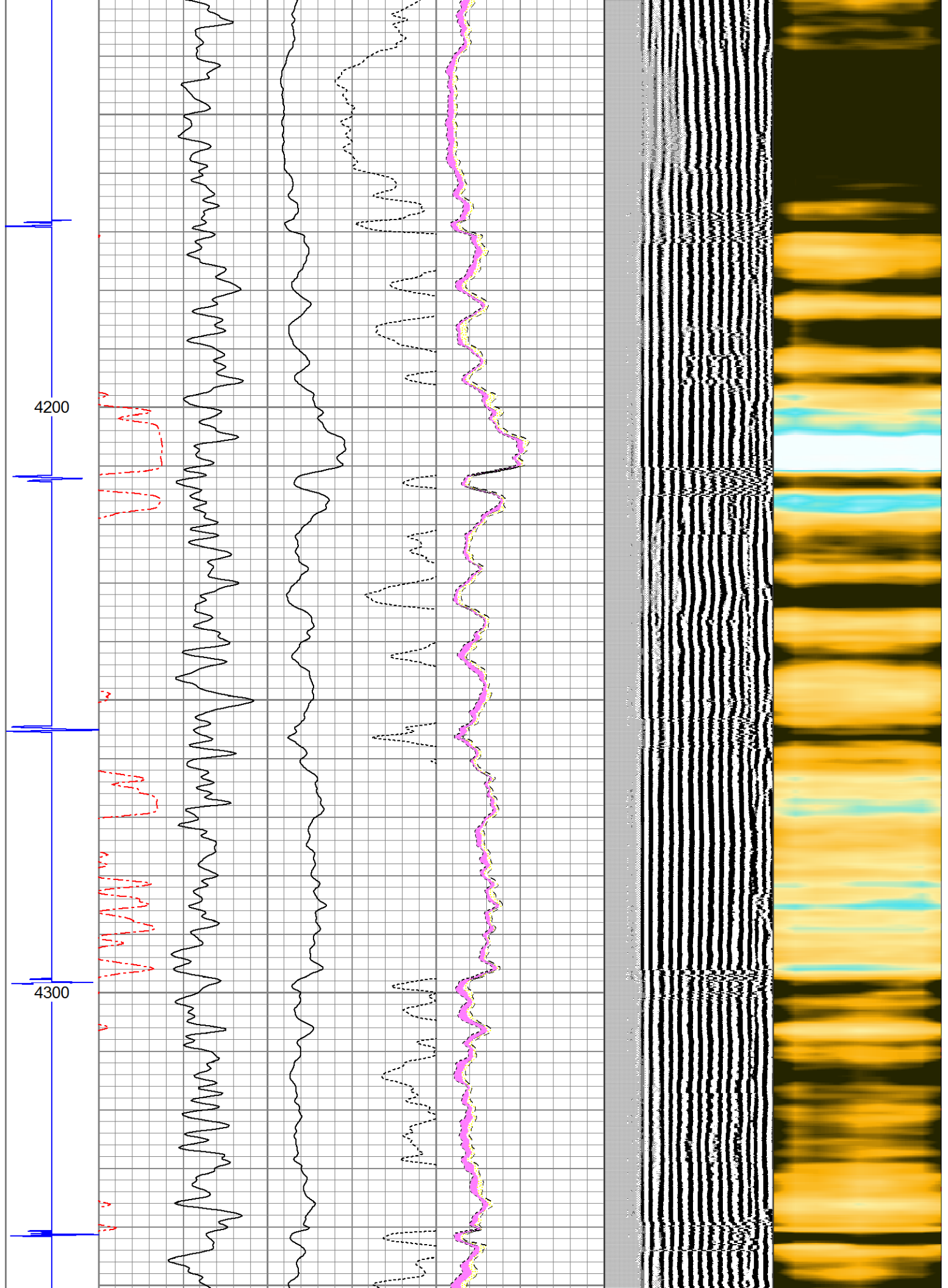


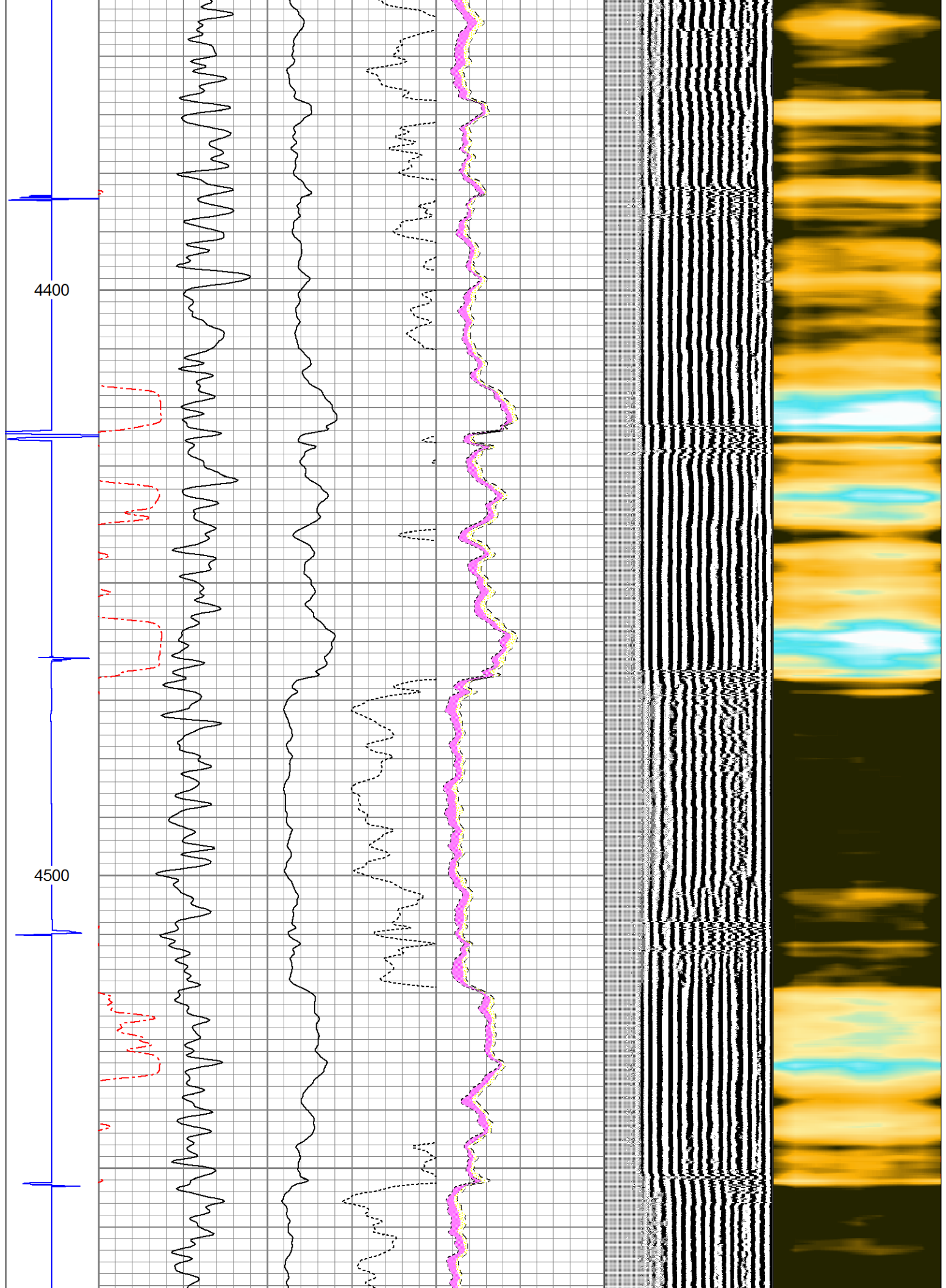


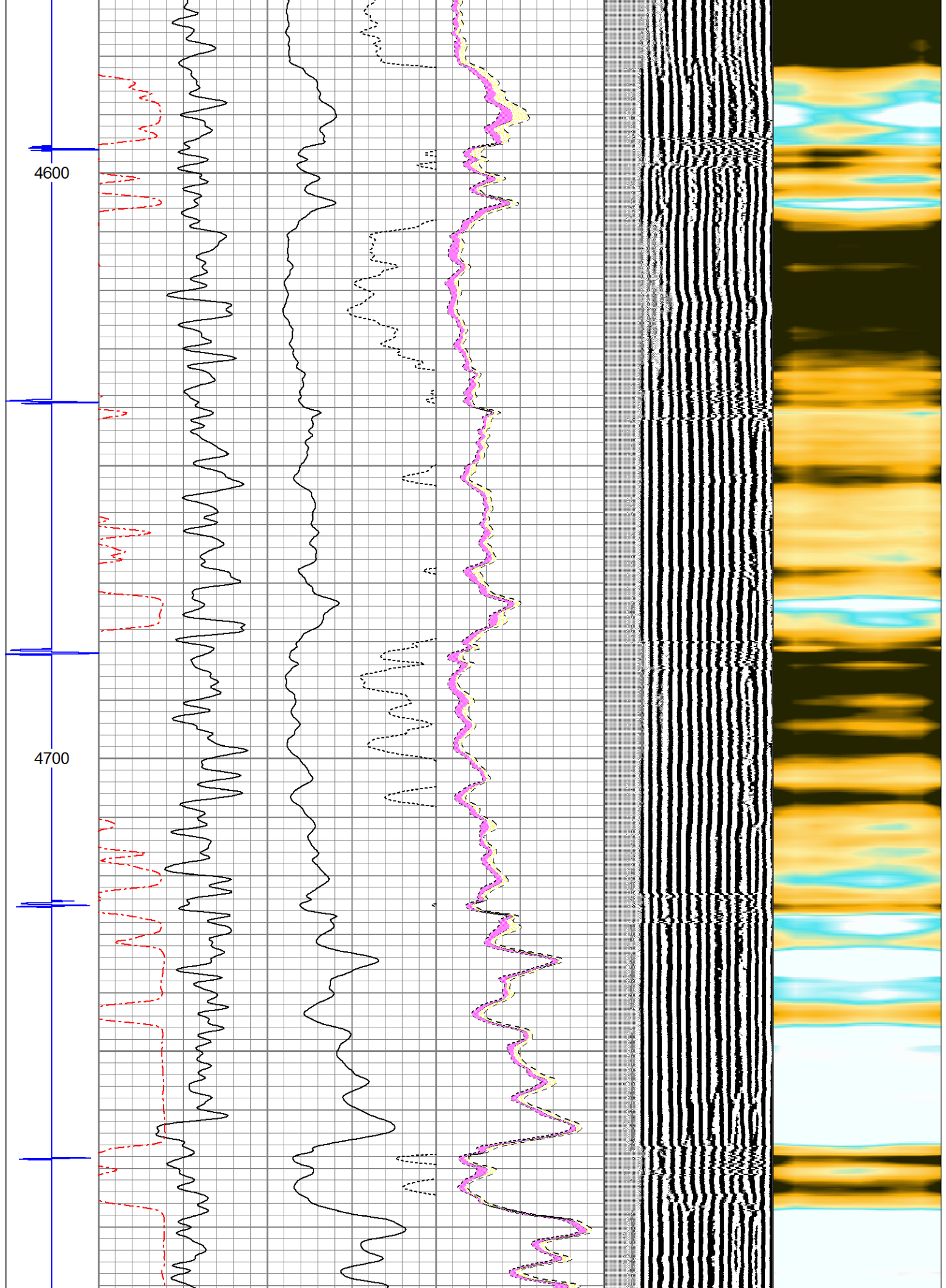


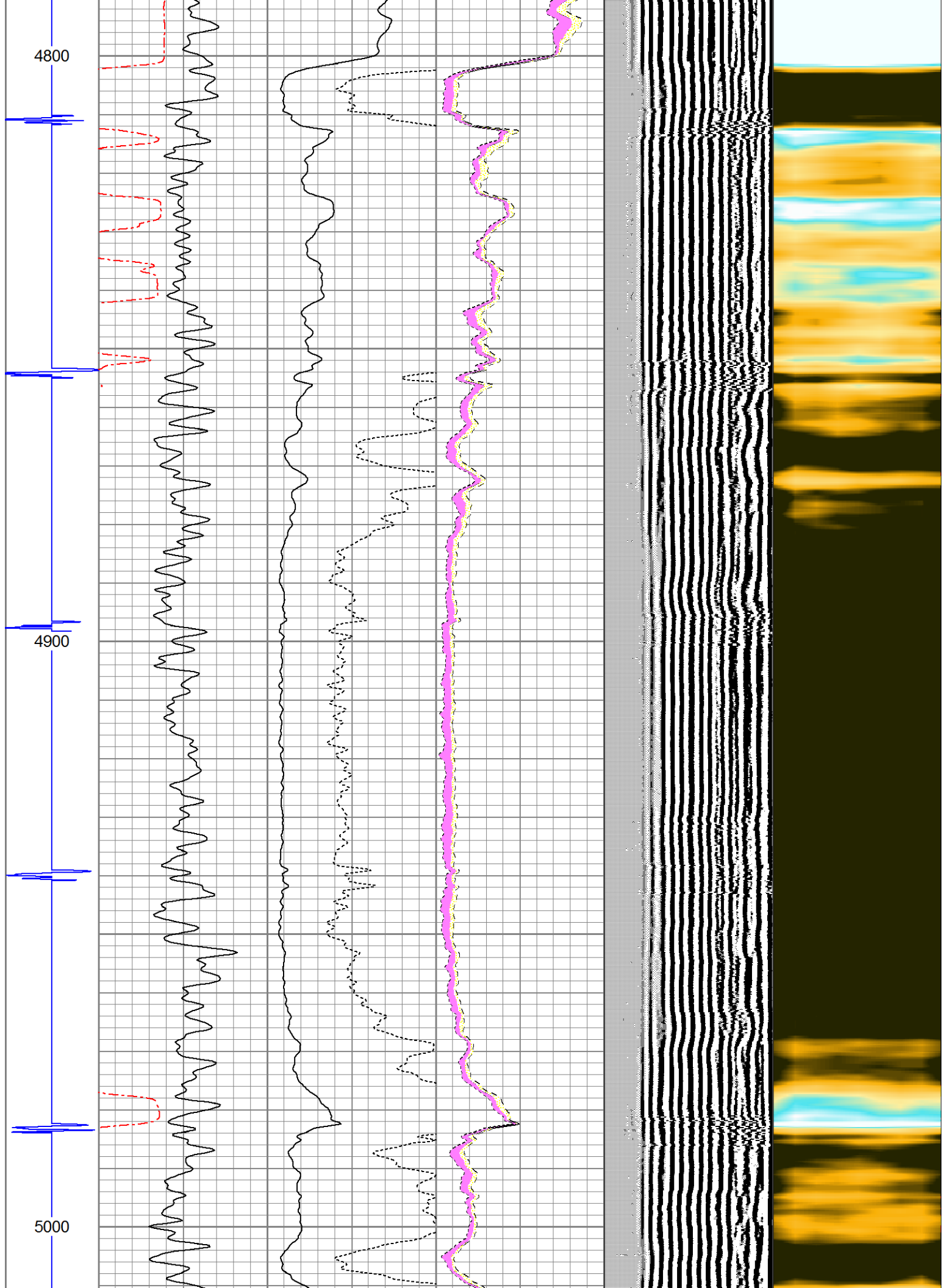


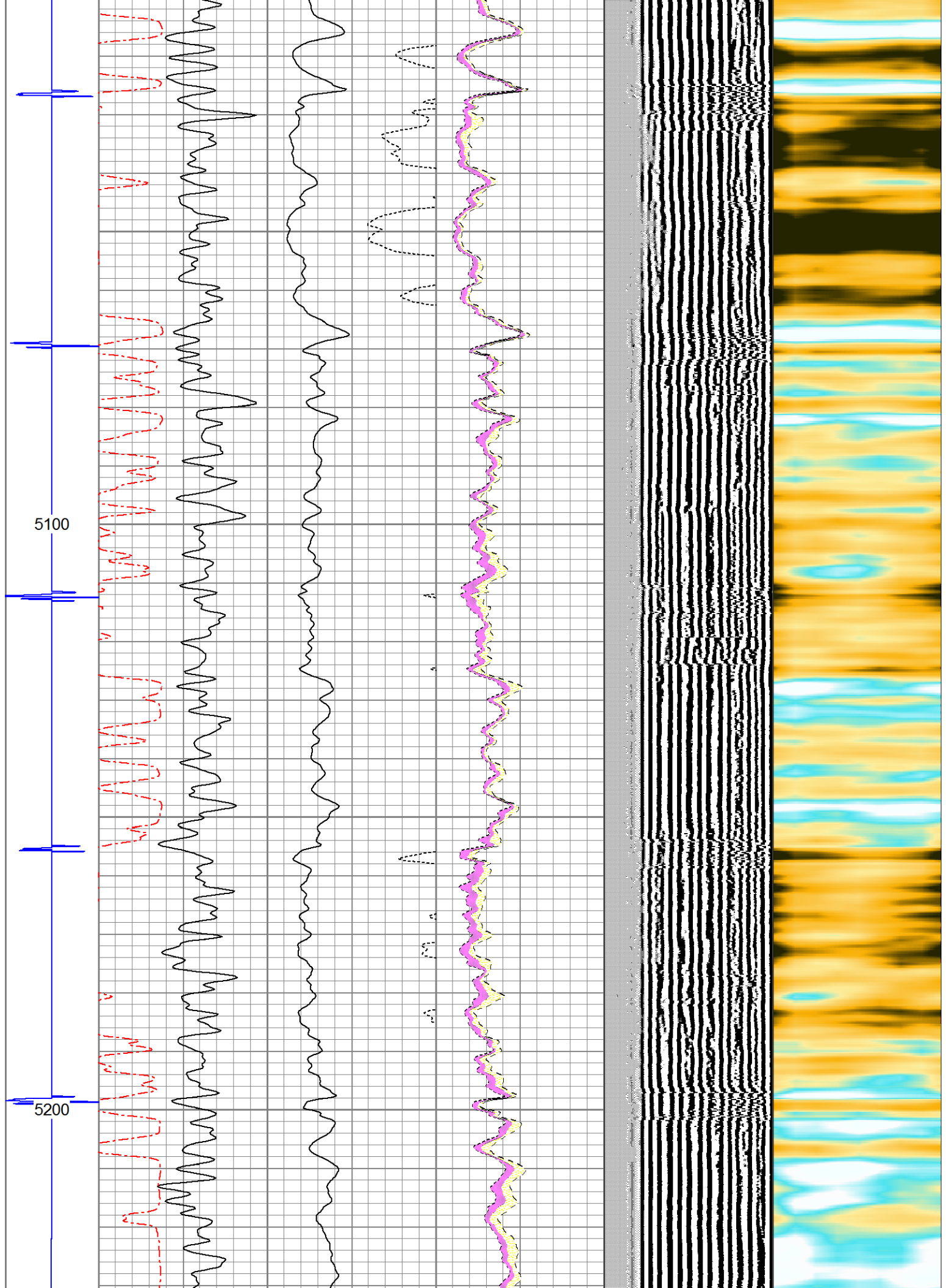


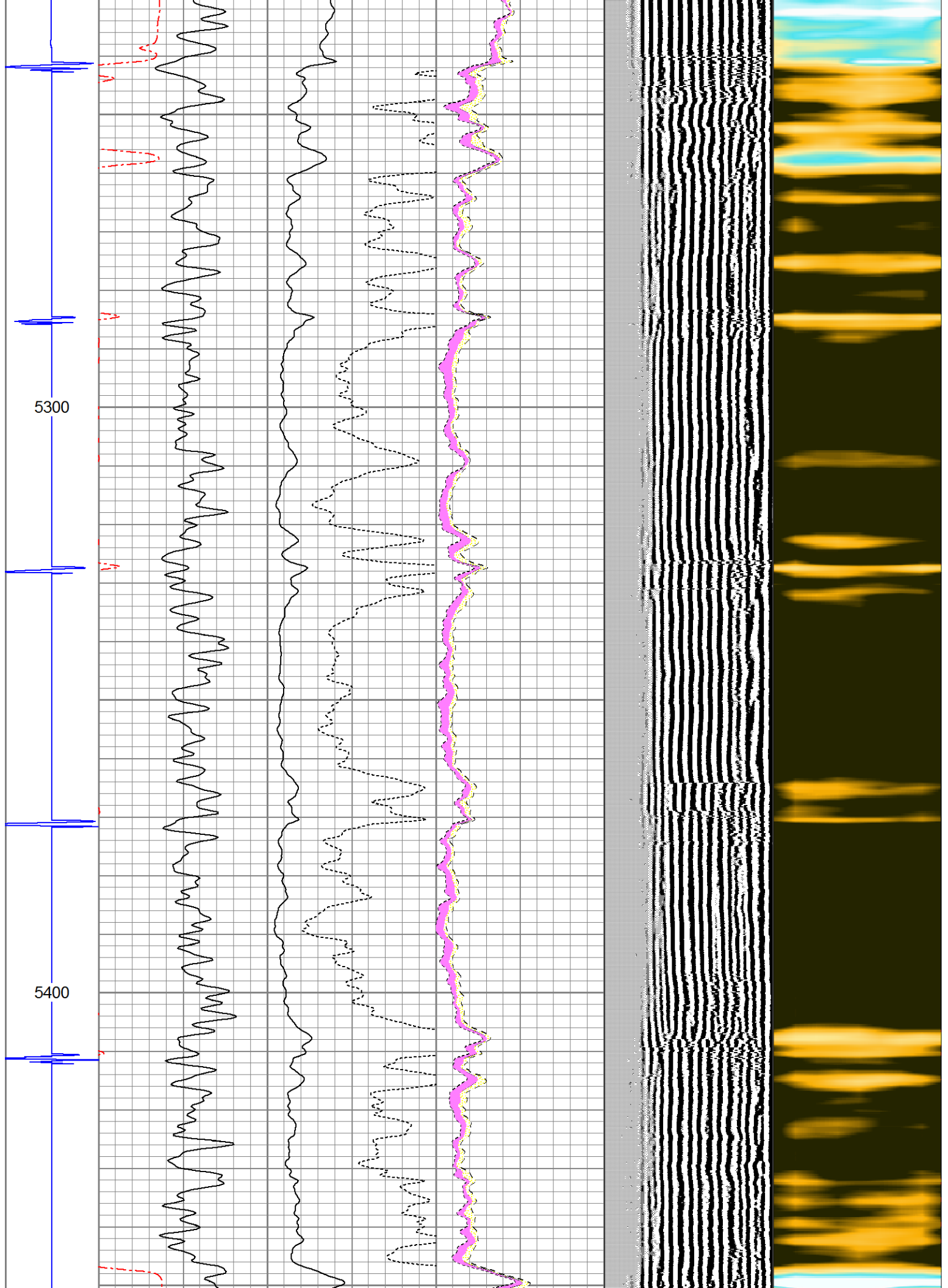


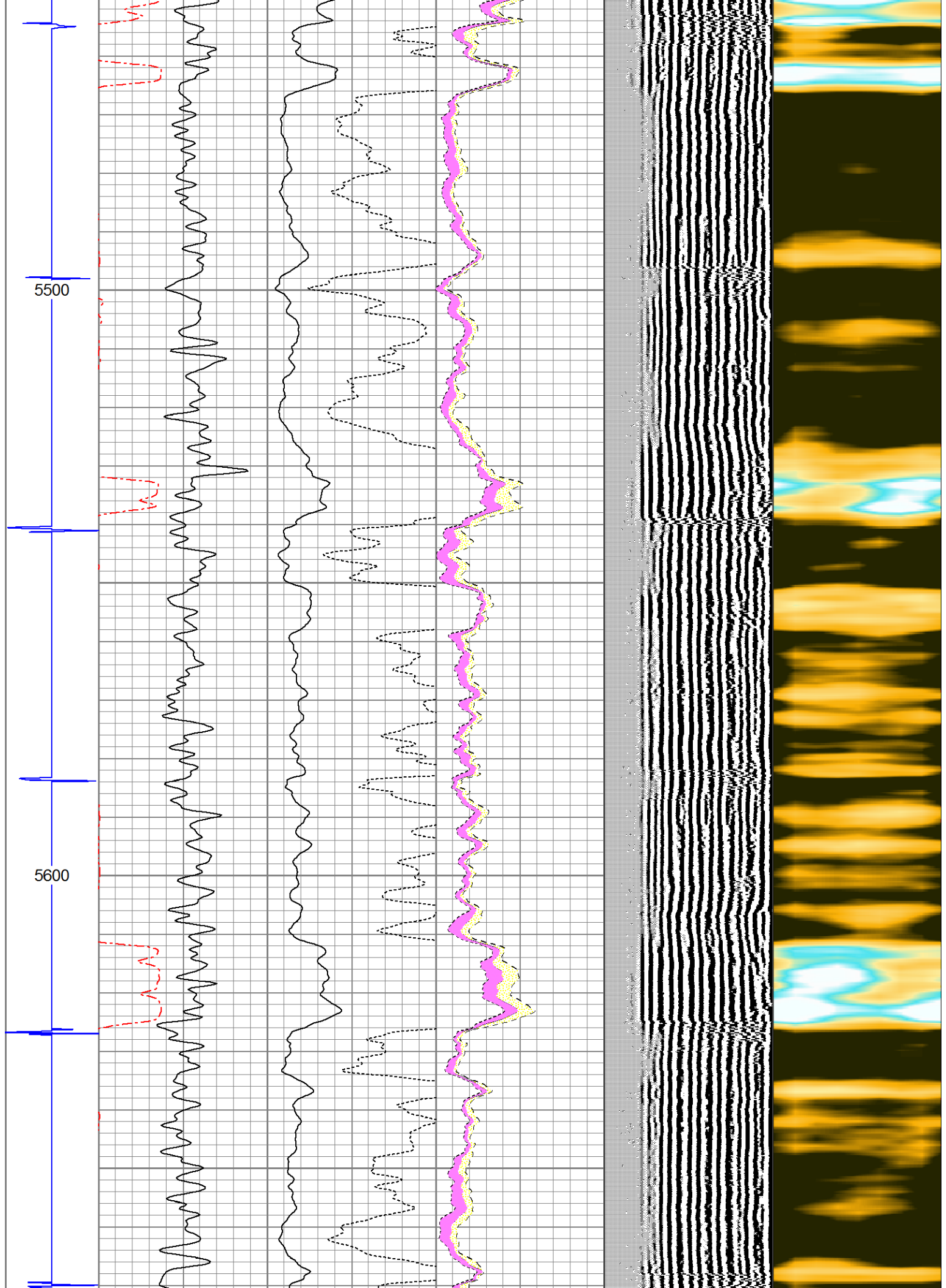


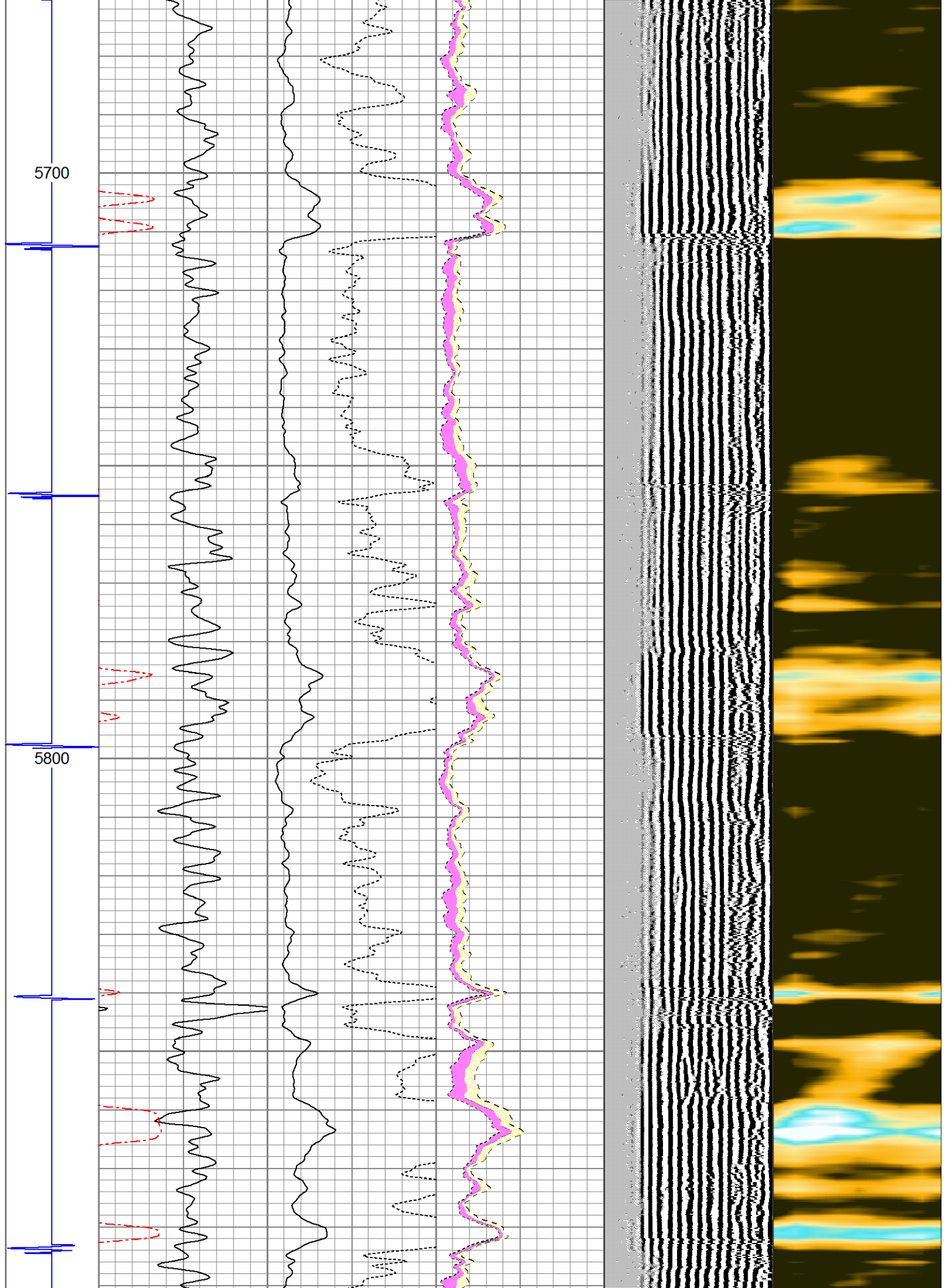


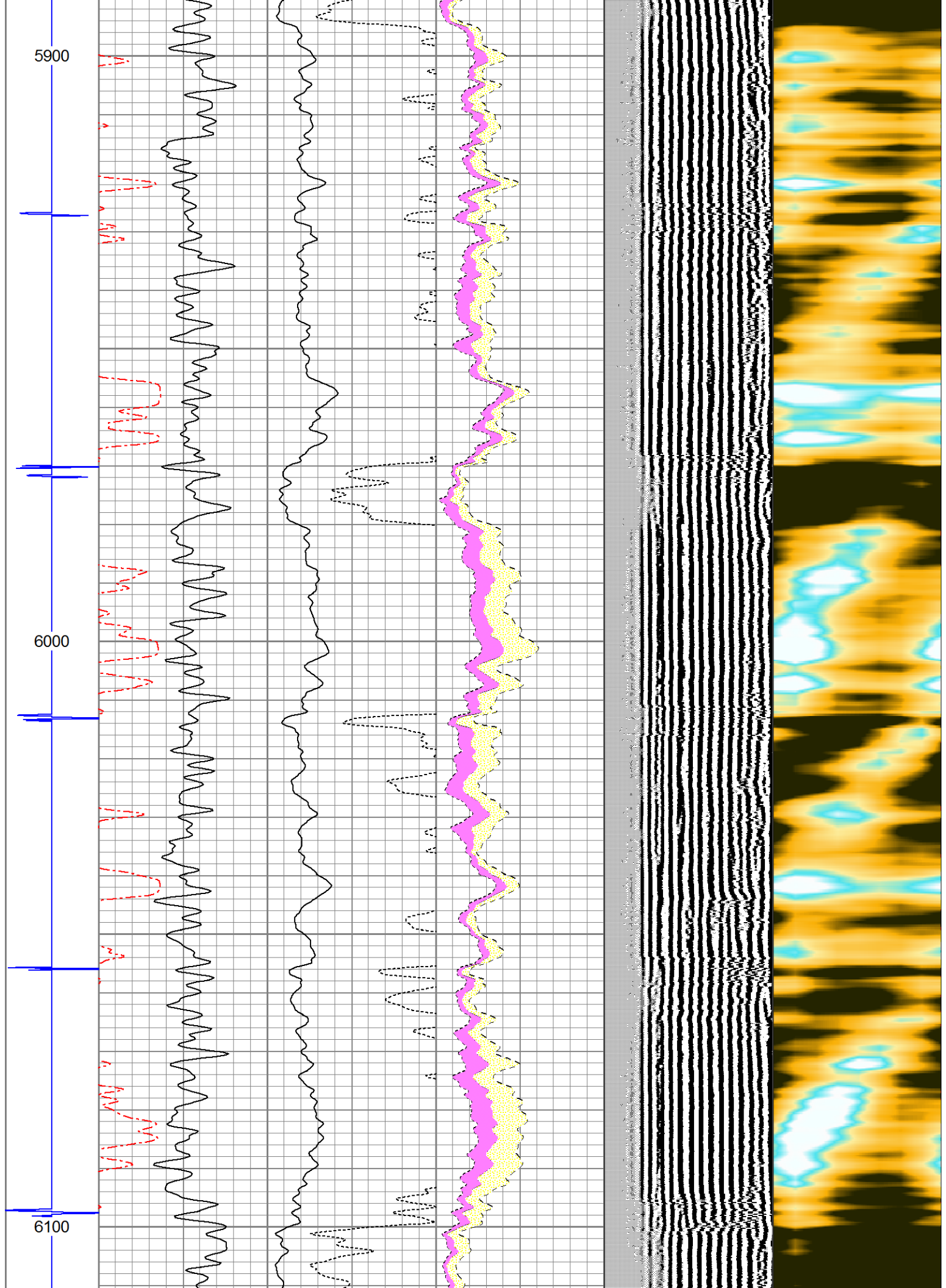


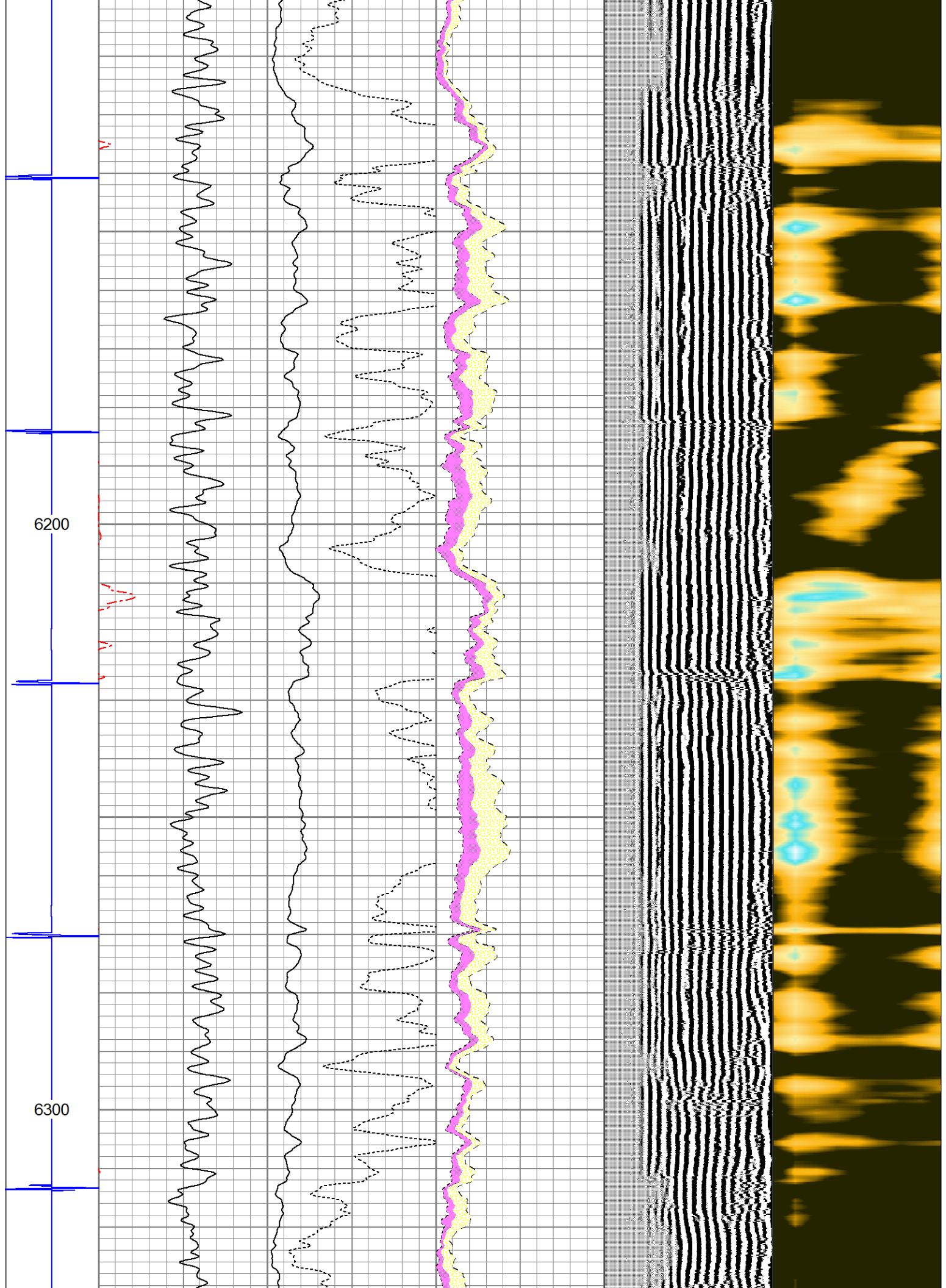


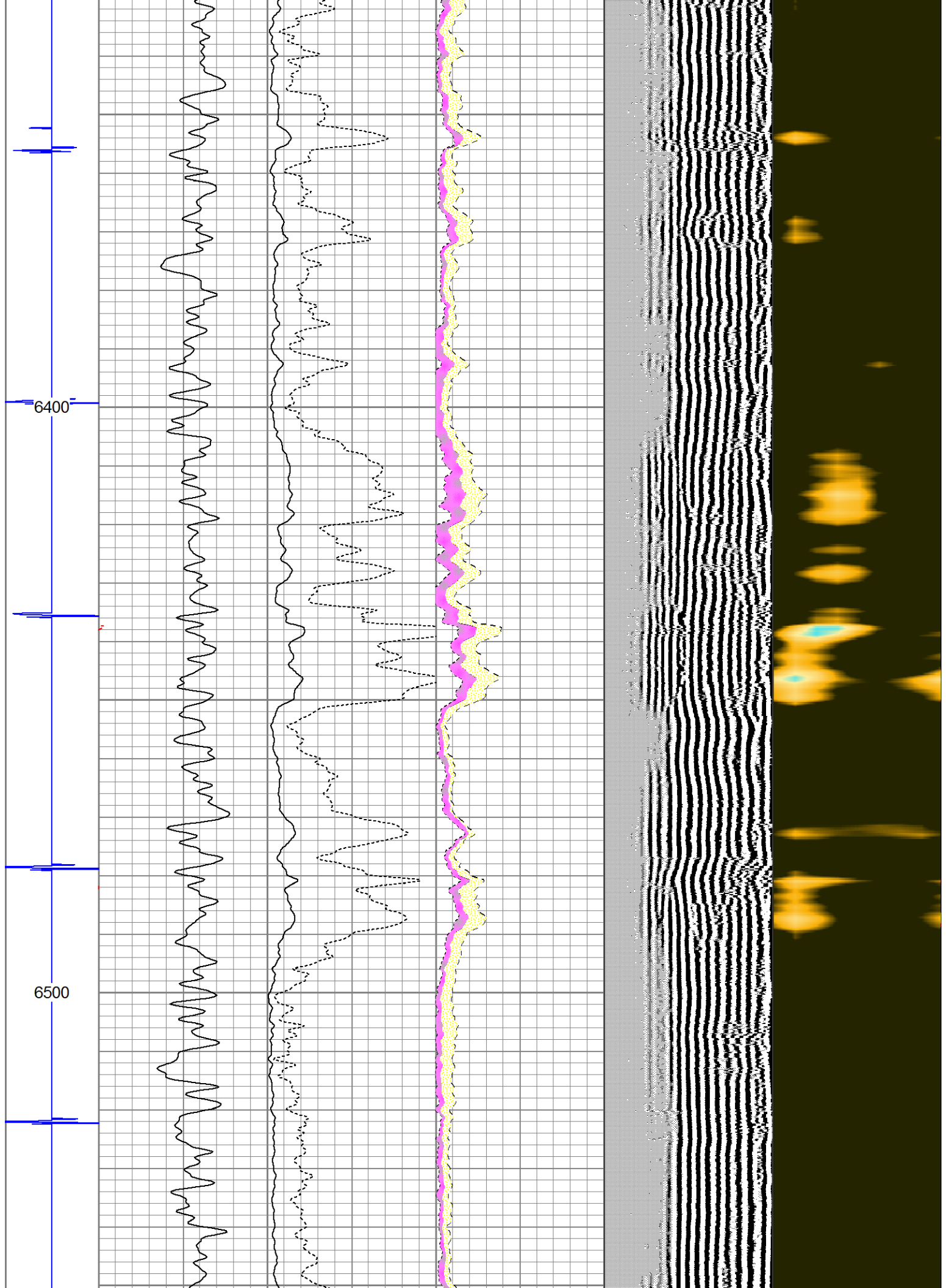


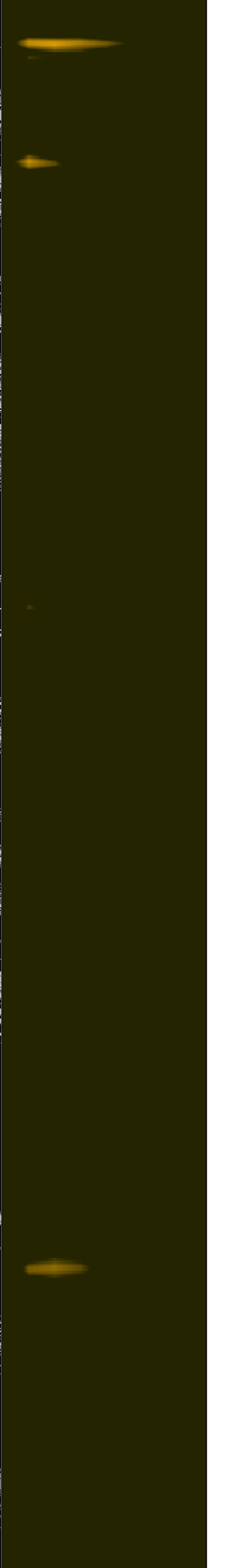
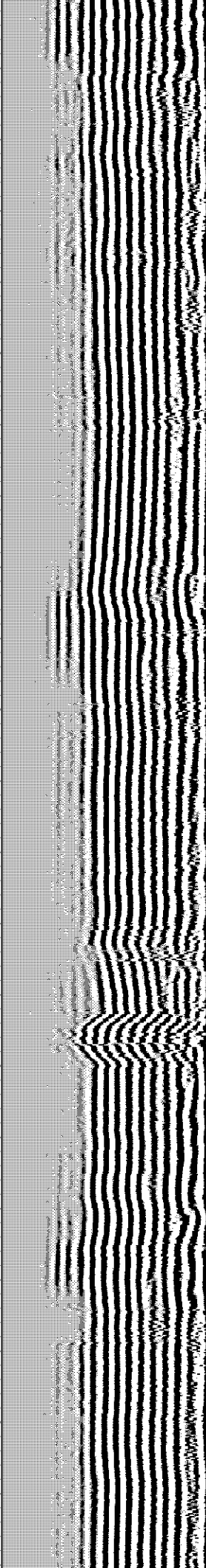
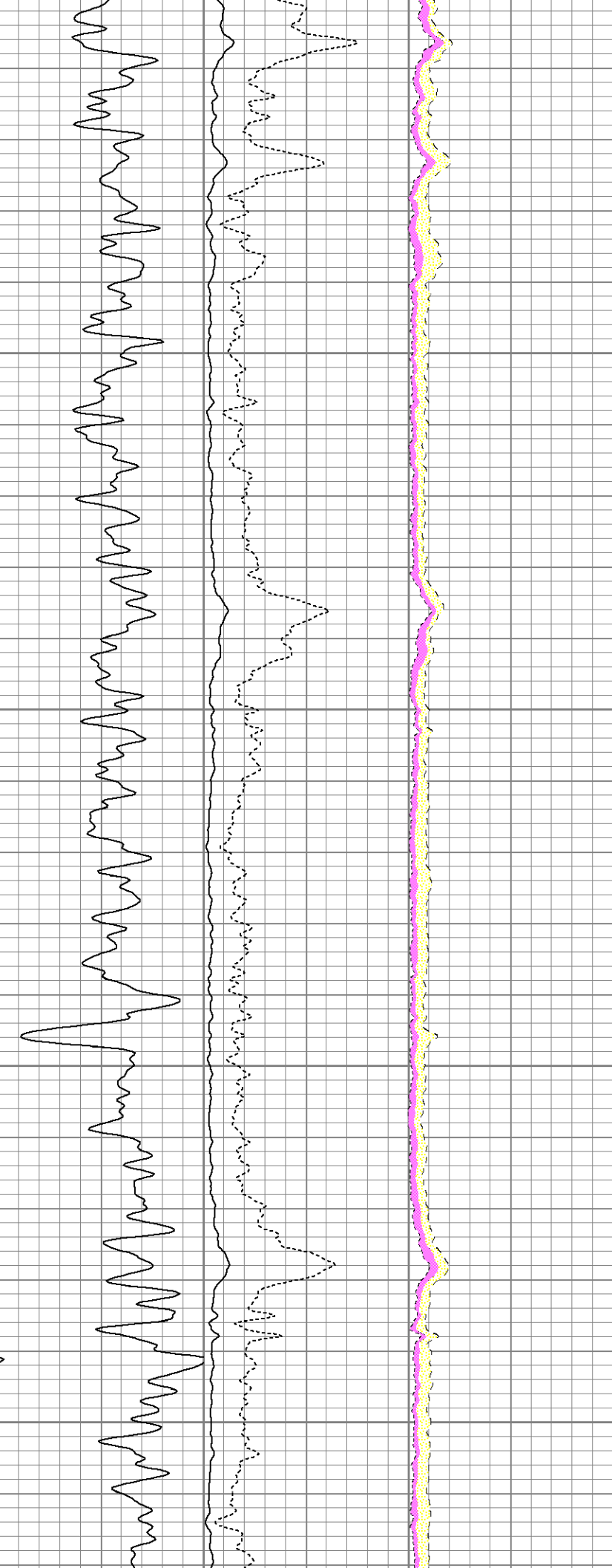
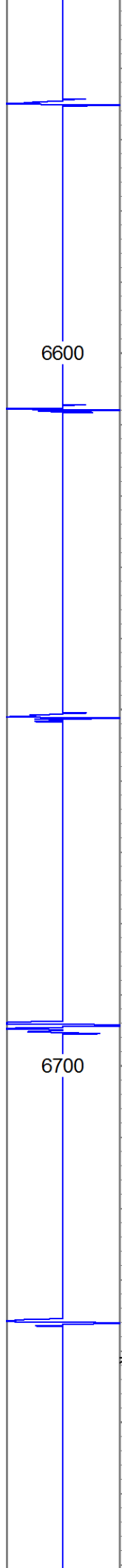


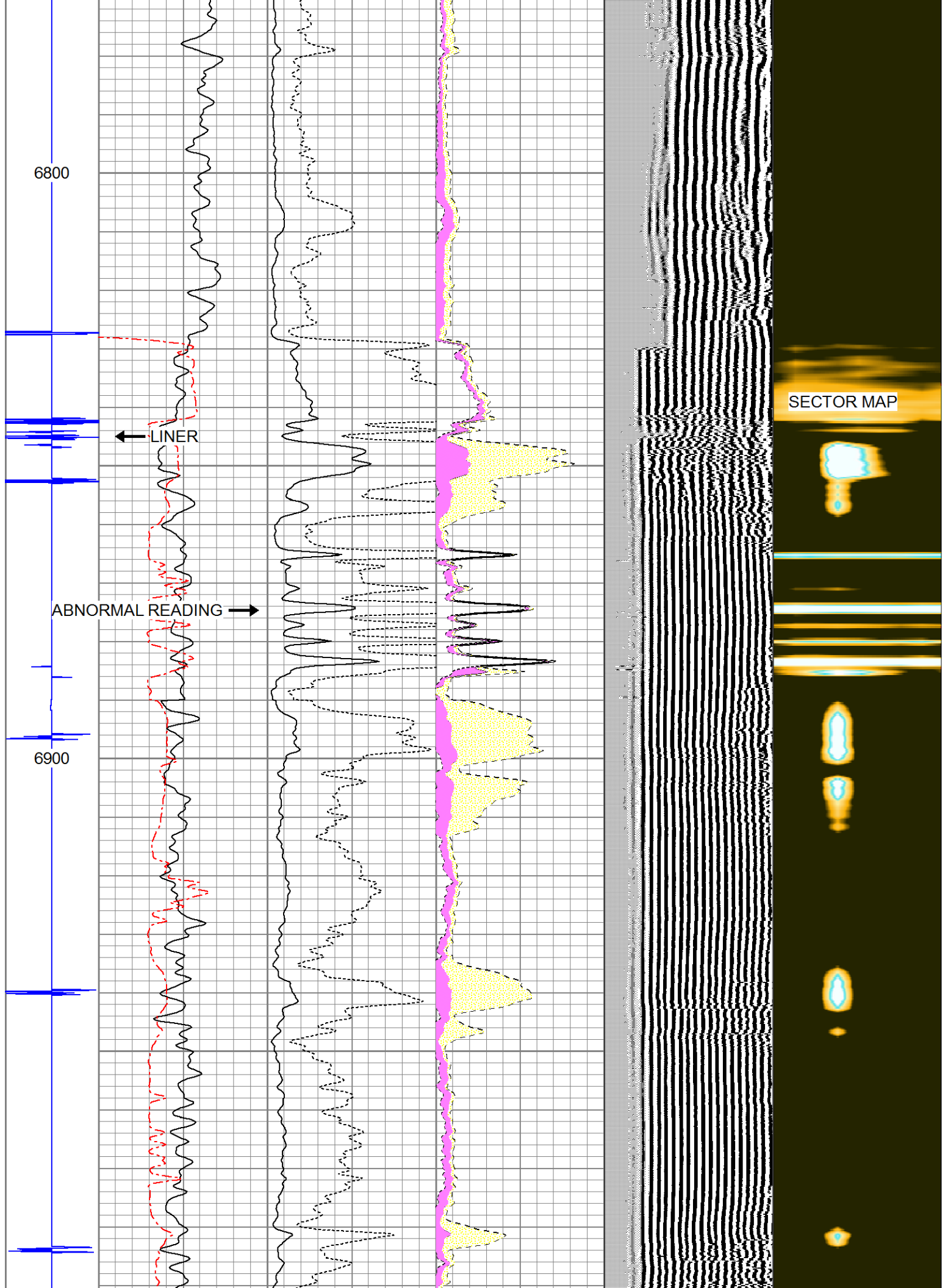


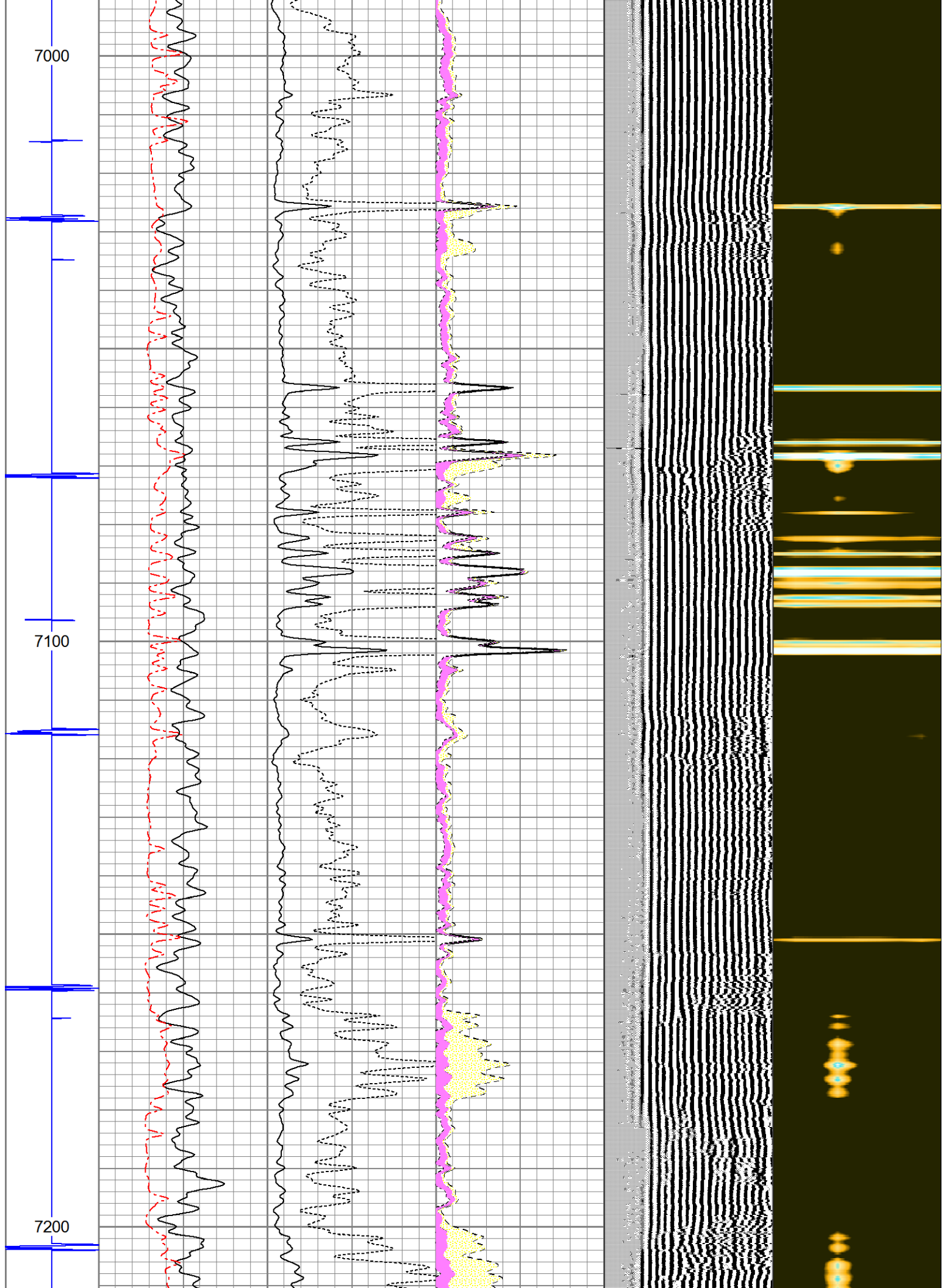


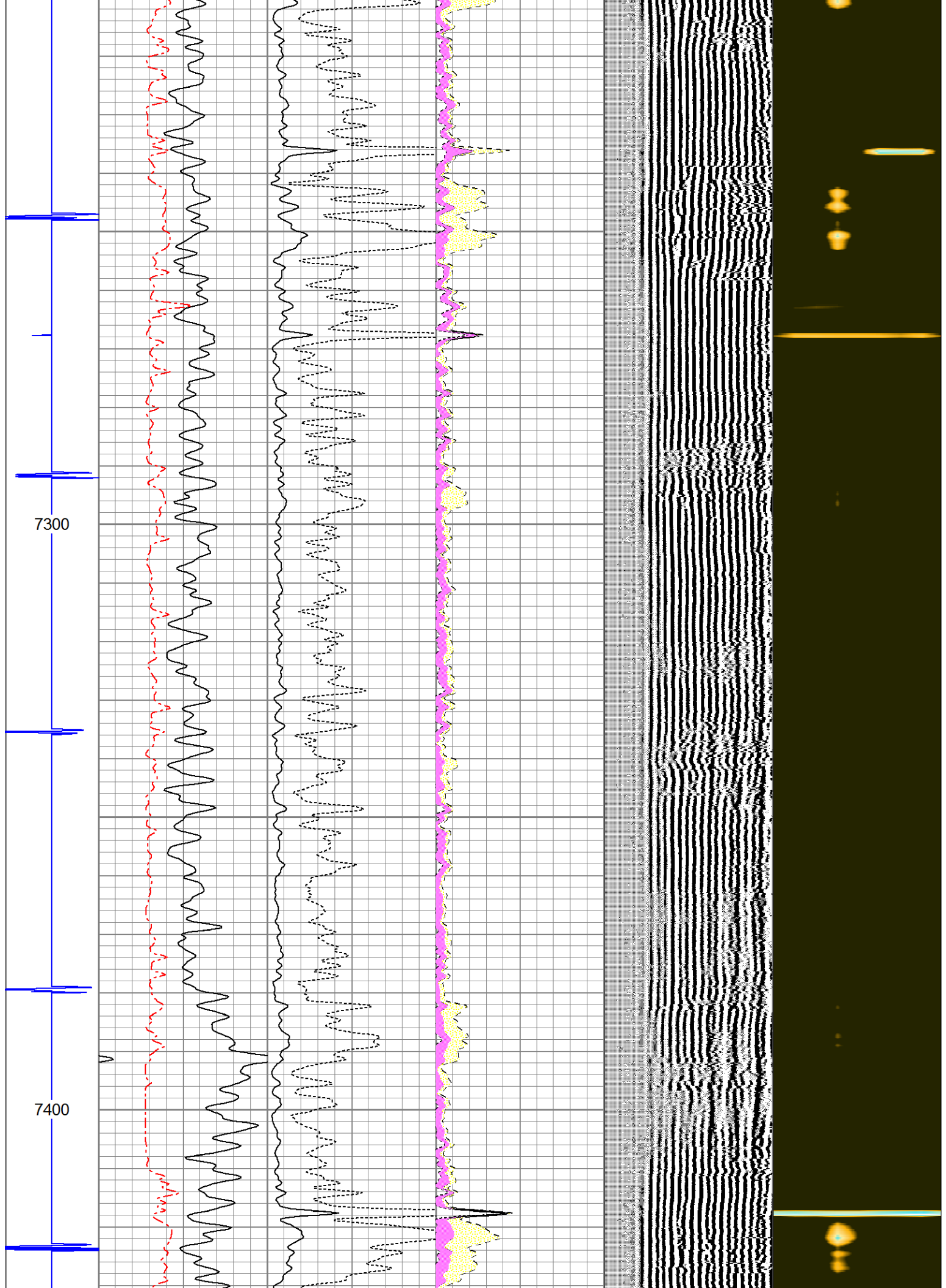


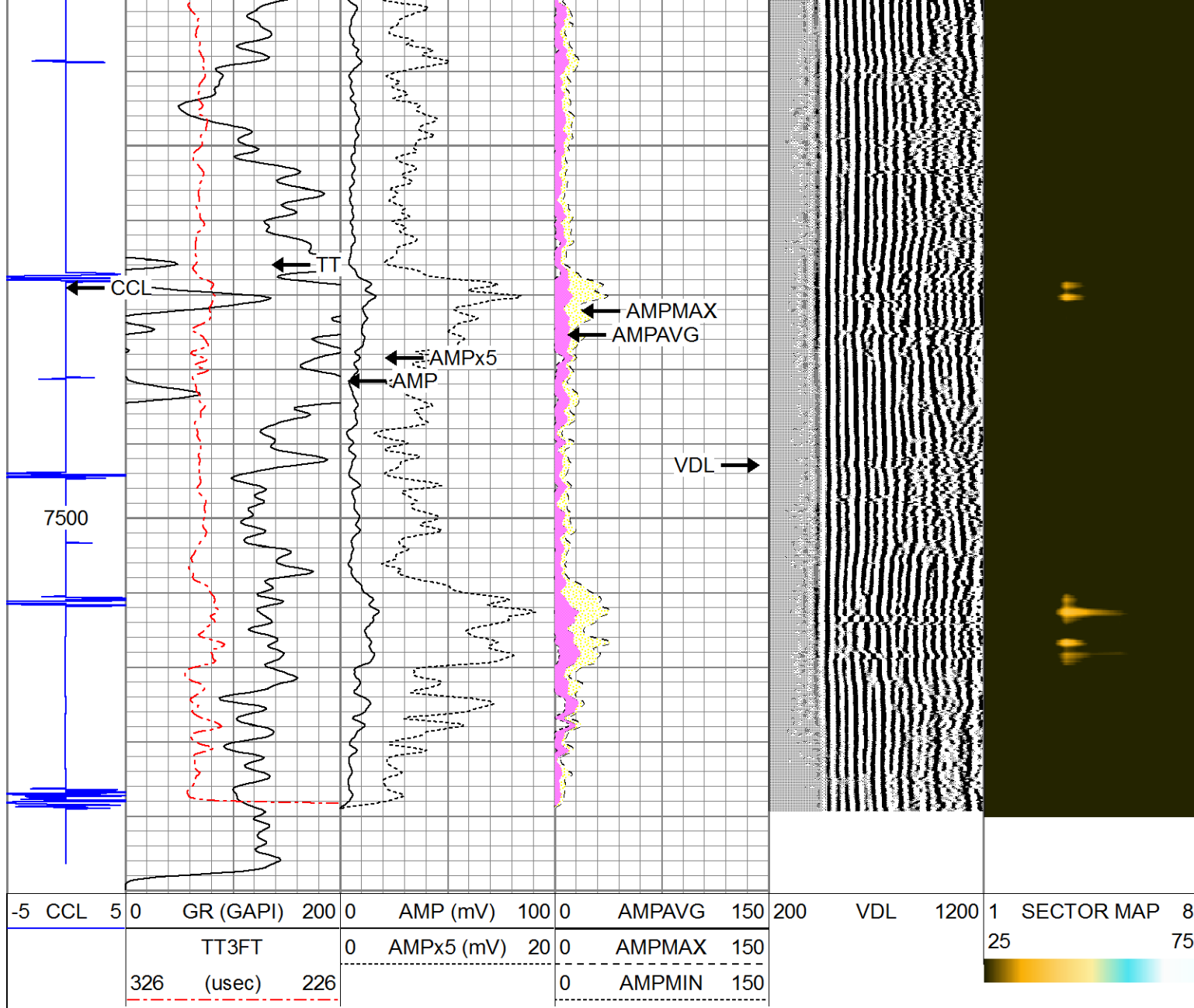








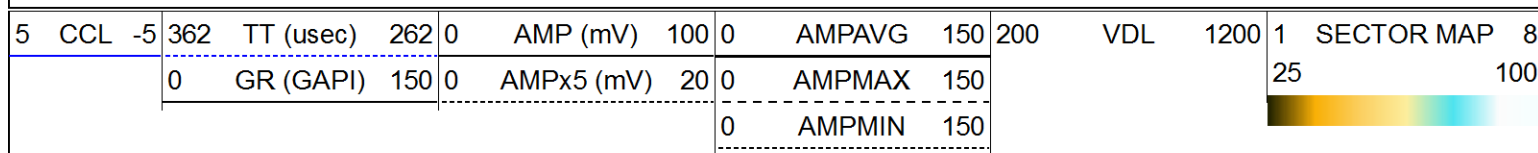




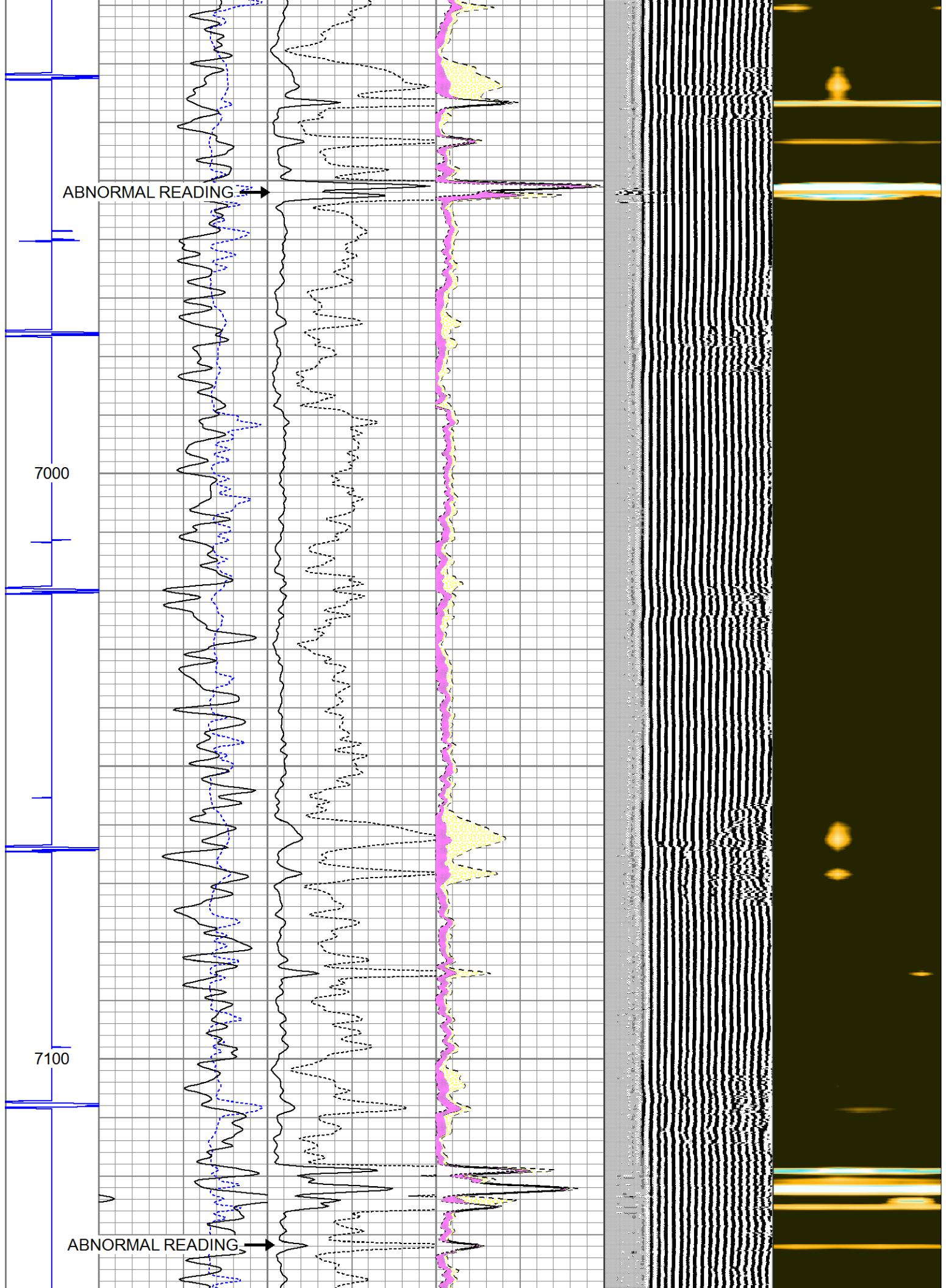
Pioneer Energy Services

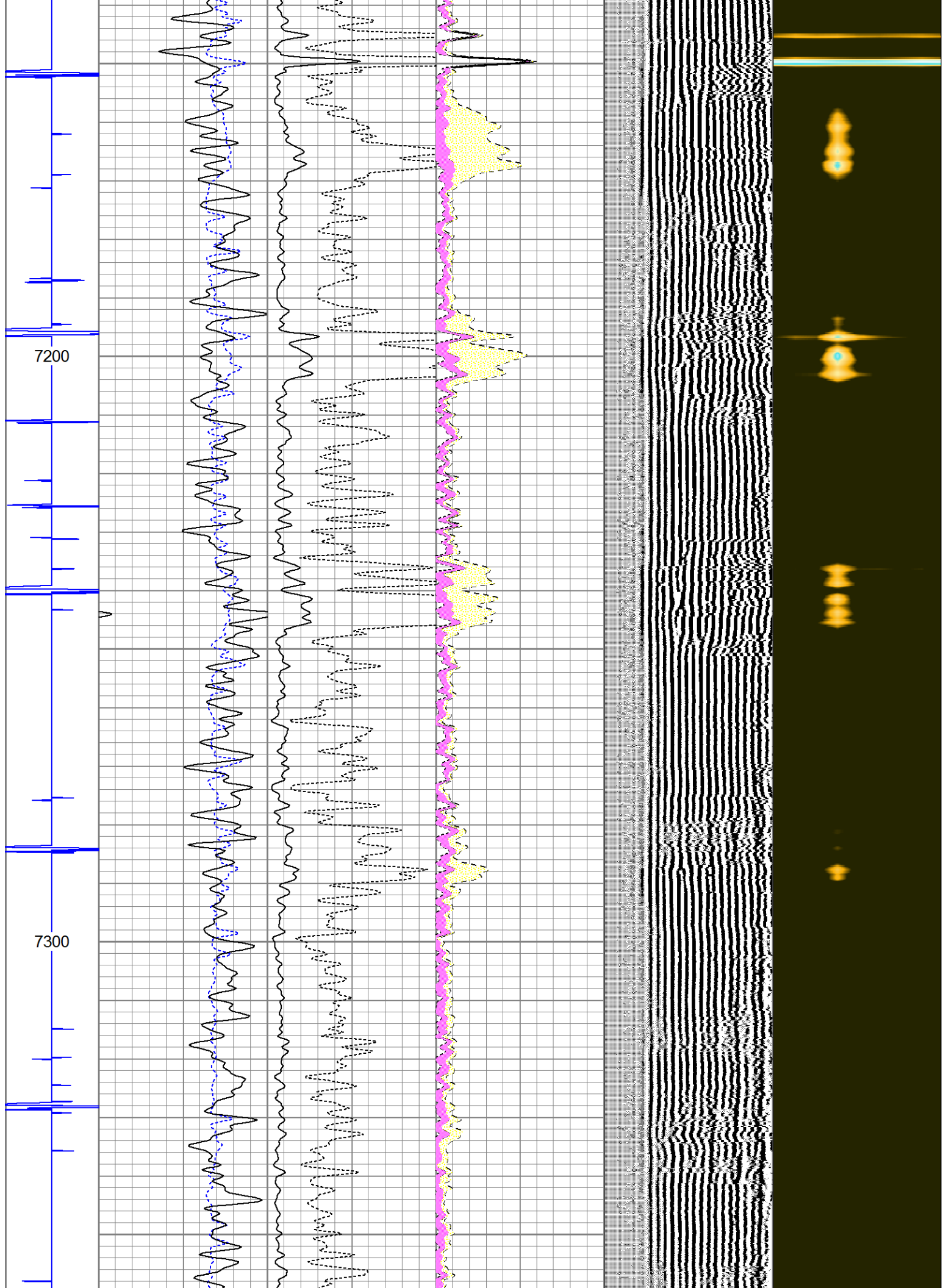
REPEAT PASS

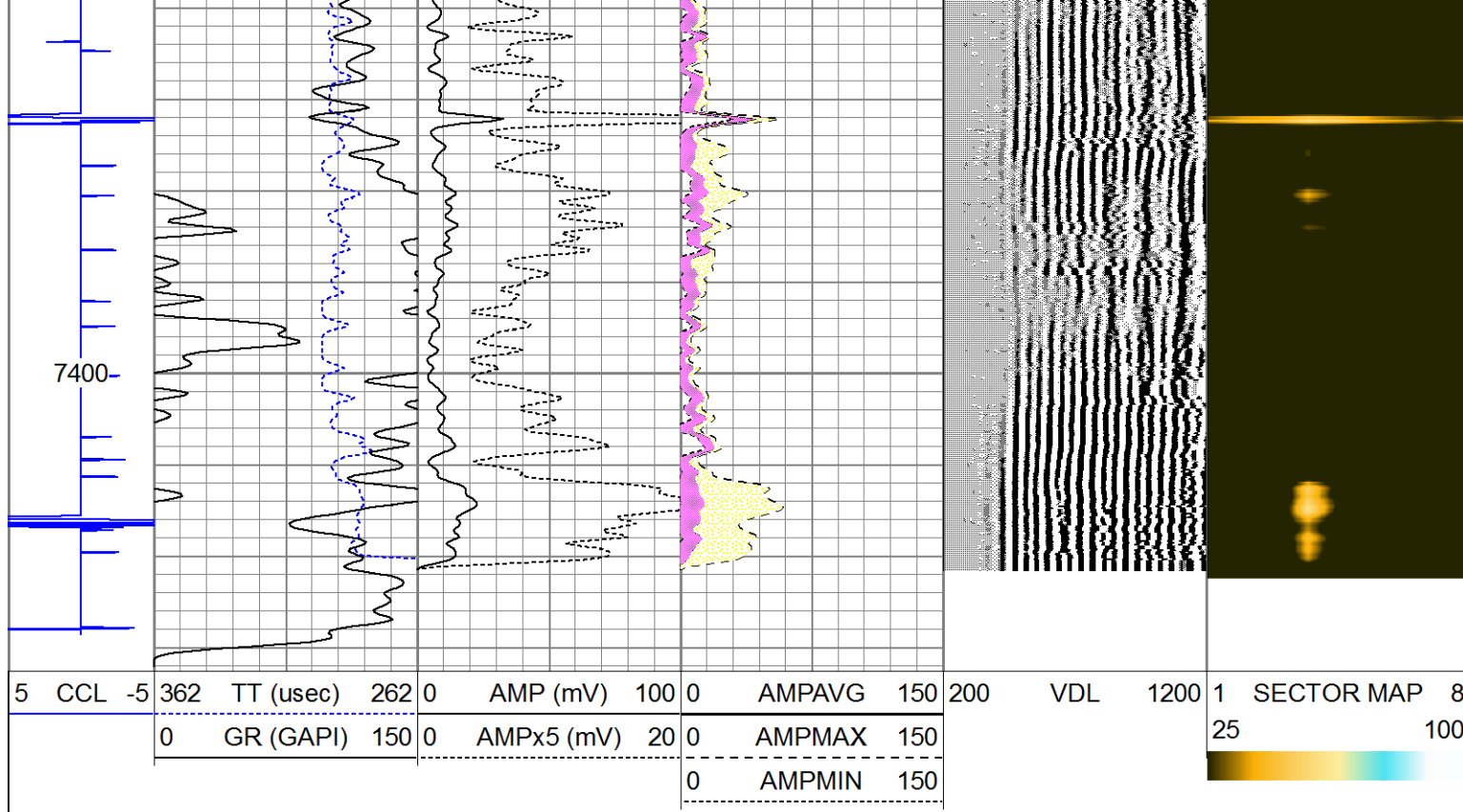
Database File: 05123384200000_grenemyer_16n_3hz_rbl.db
 Dataset Pathname: pass3
 Presentation Format: scbl02
 Dataset Creation: Mon Feb 24 13:51:25 2014 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240



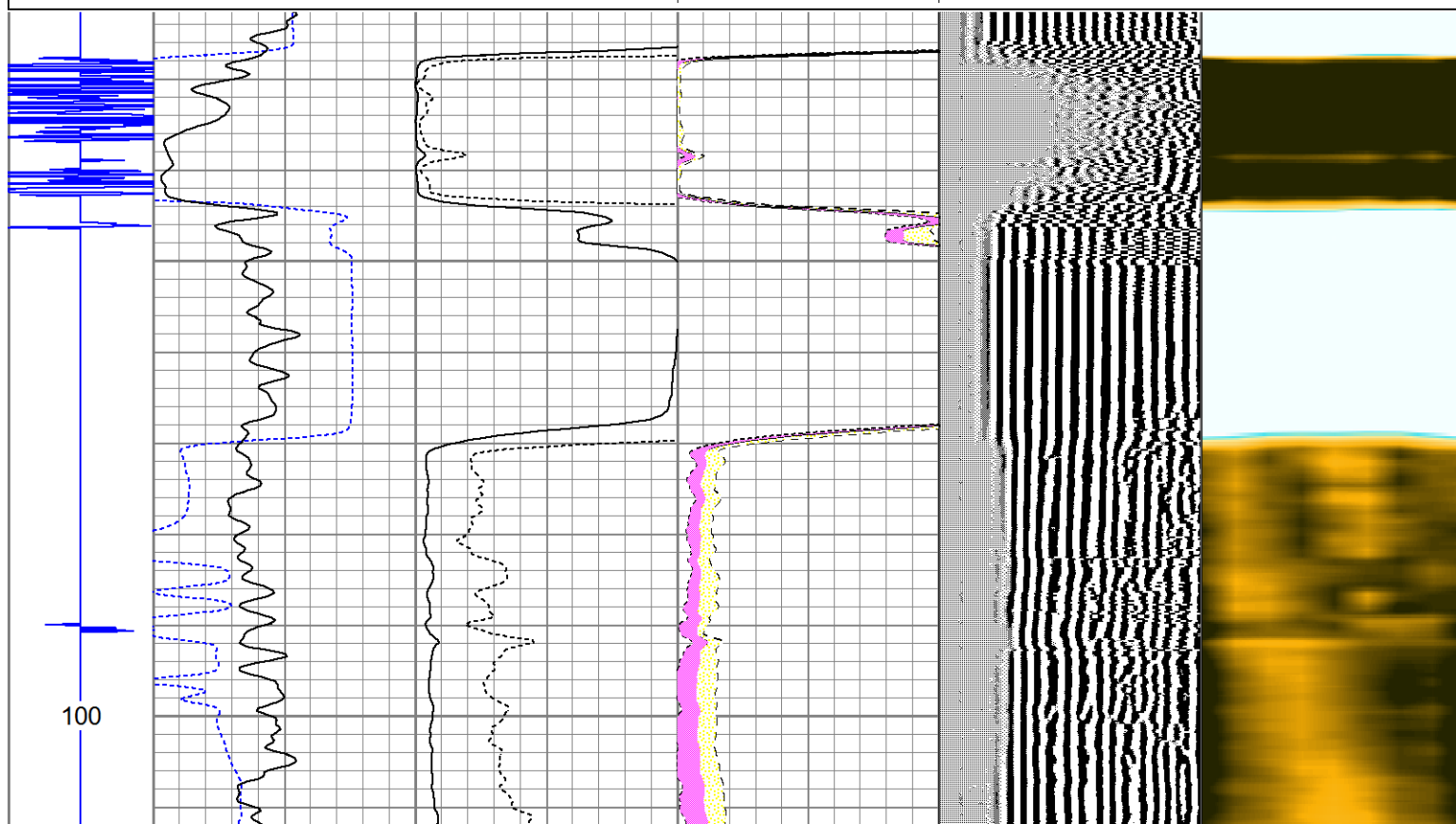
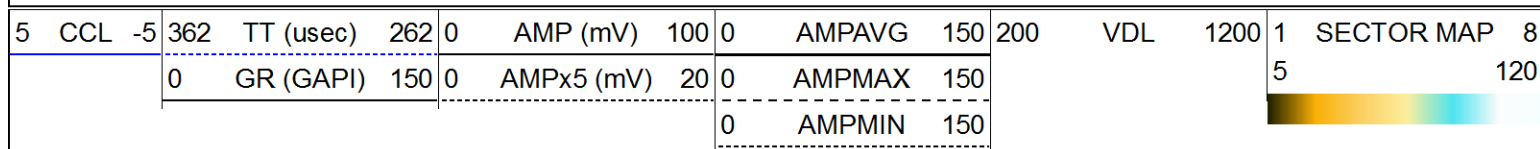
6900

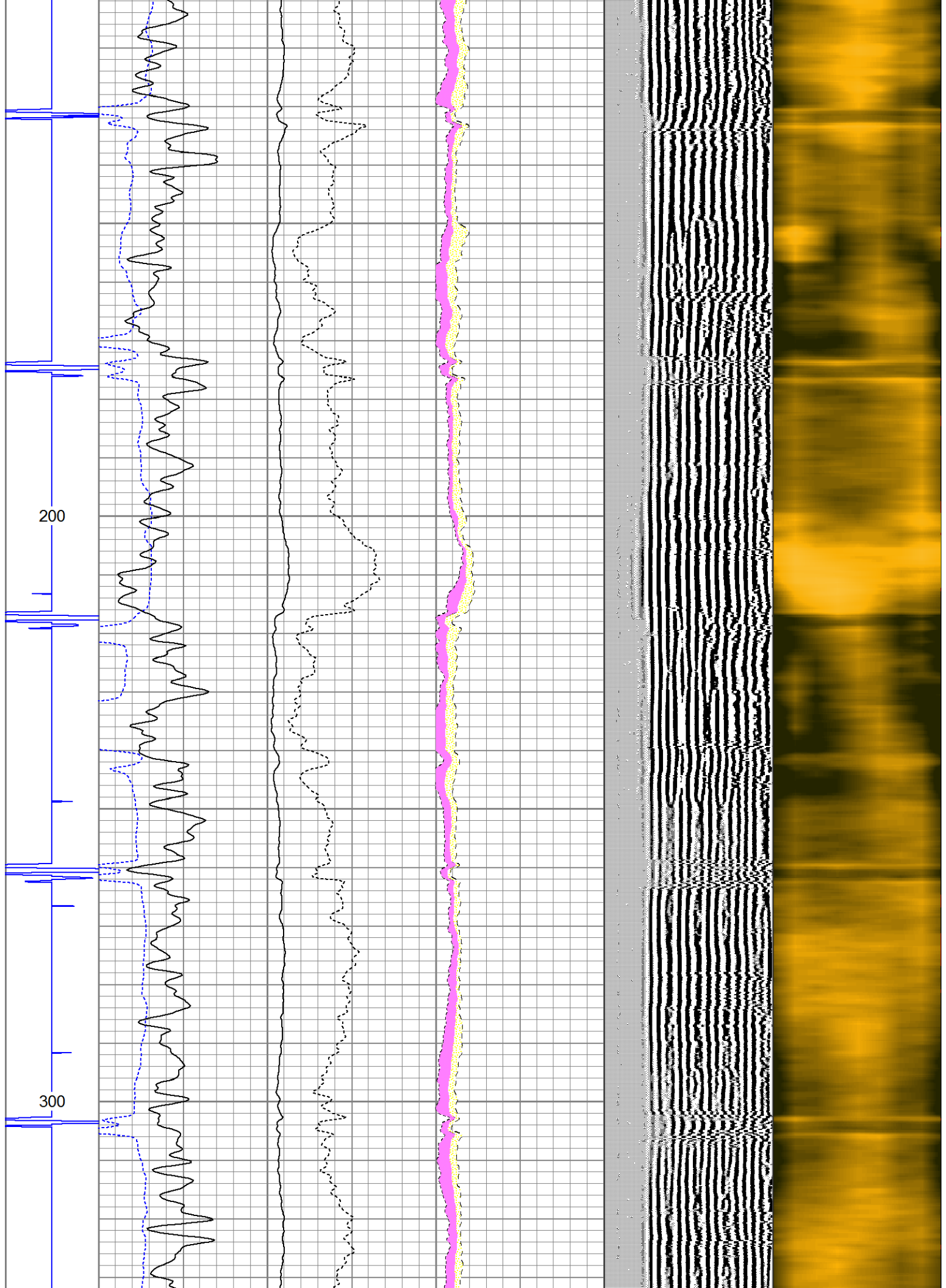


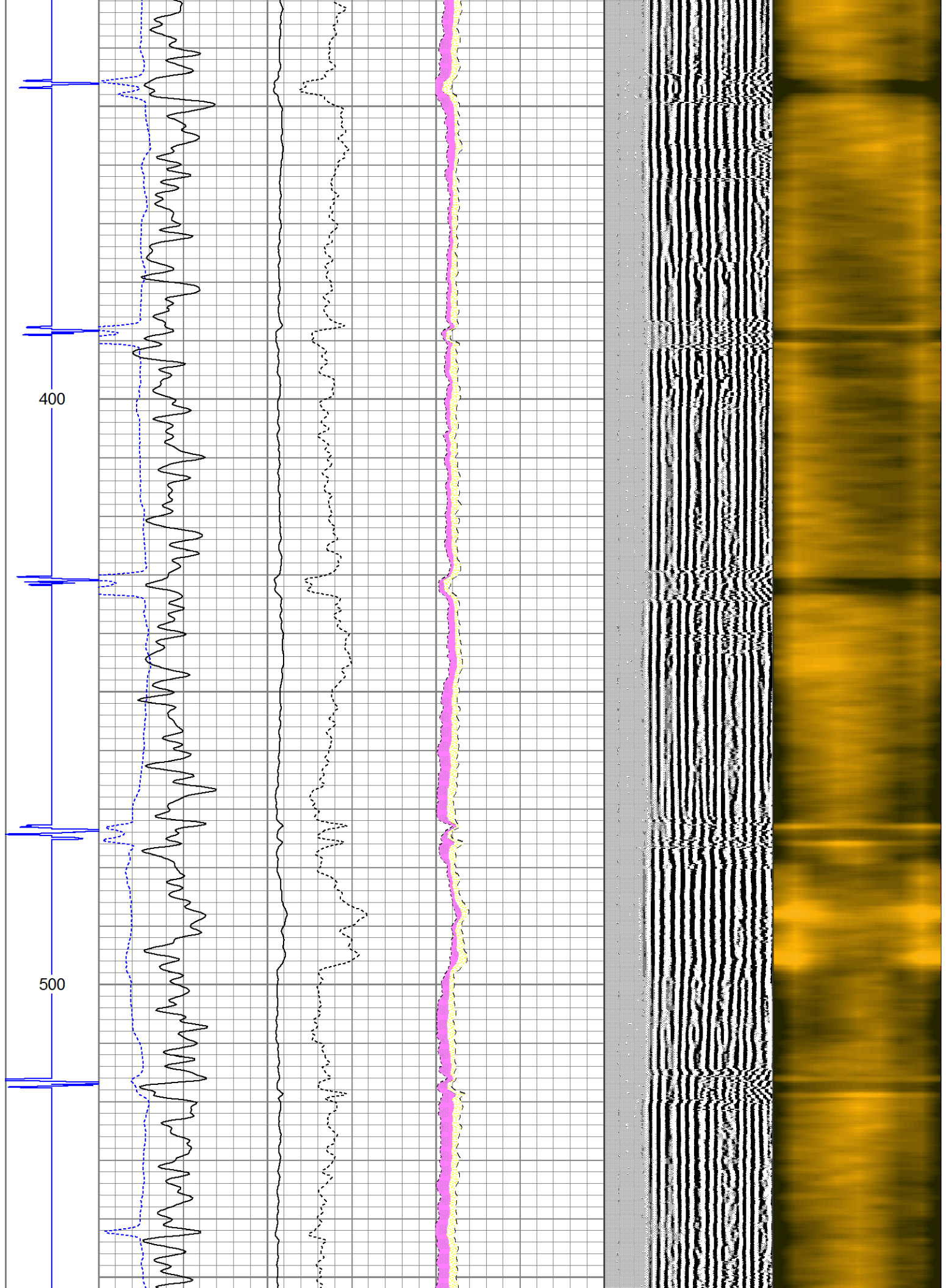


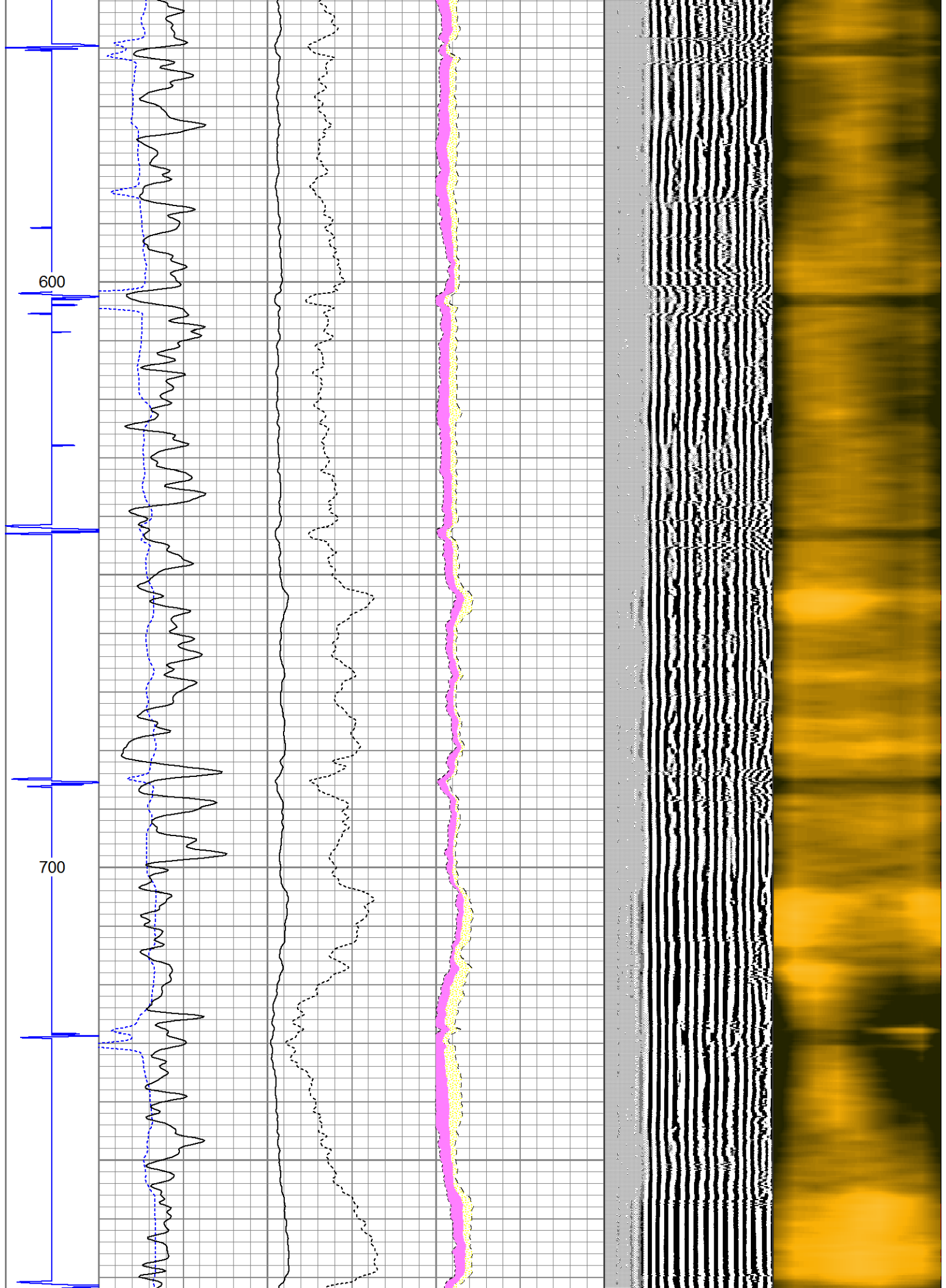


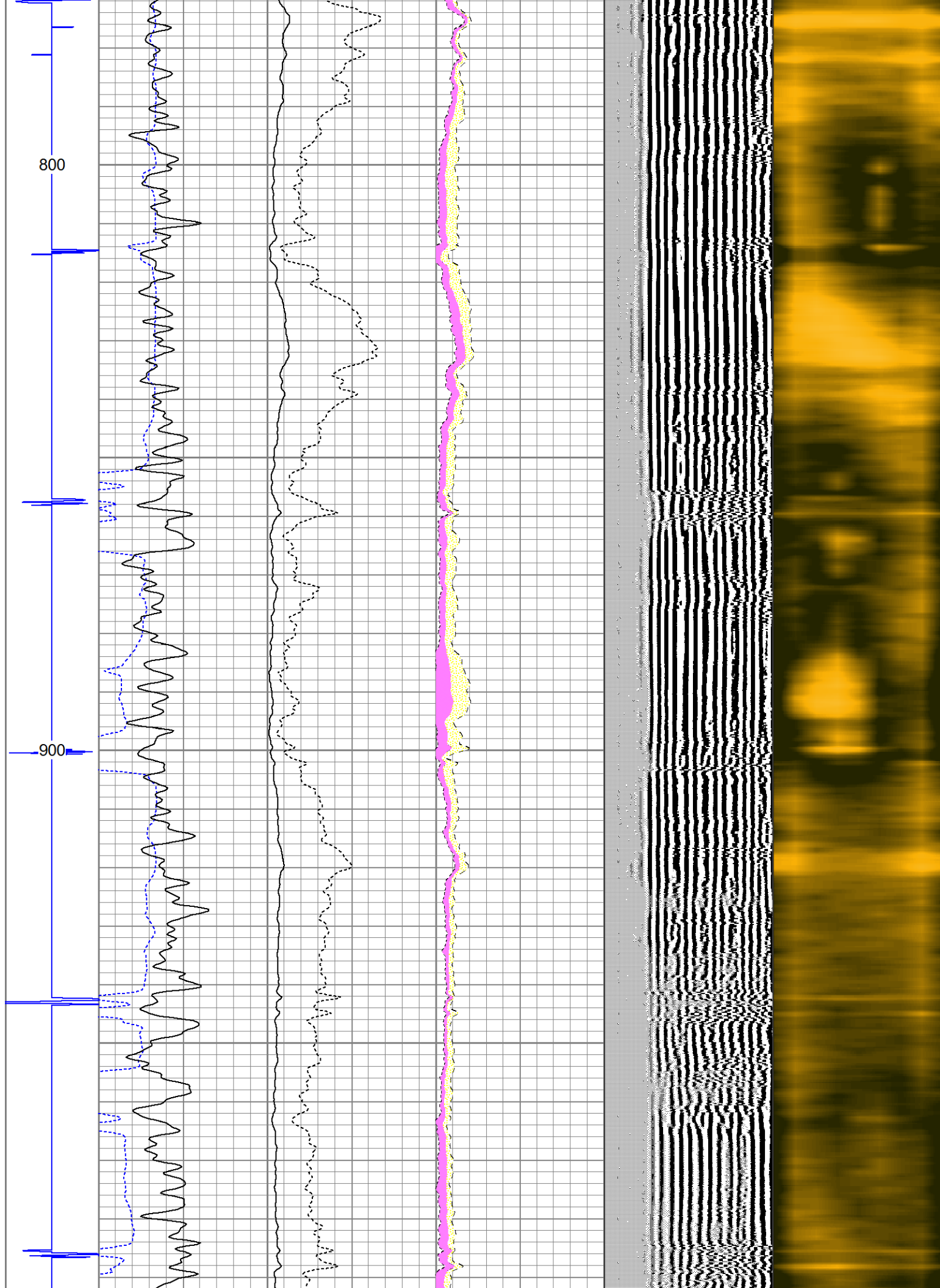
Database File: 05123384200000_grenemyer_16n_3hz_rbl.db
 Dataset Pathname: pass7
 Presentation Format: scbl02
 Dataset Creation: Mon Feb 24 15:28:04 2014 by Calc 7.0 B1
 Charted by: Depth in Feet scaled 1:240

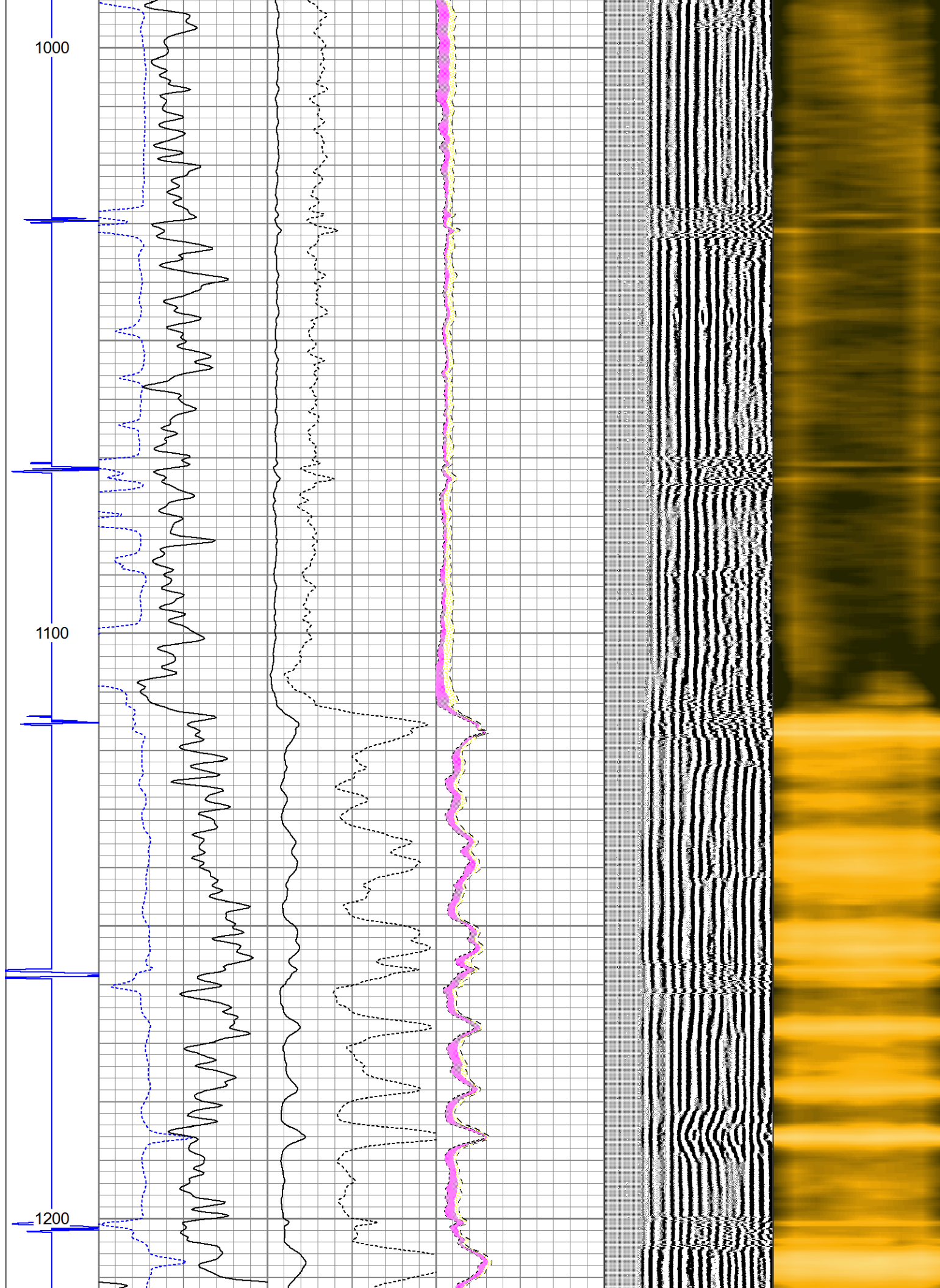


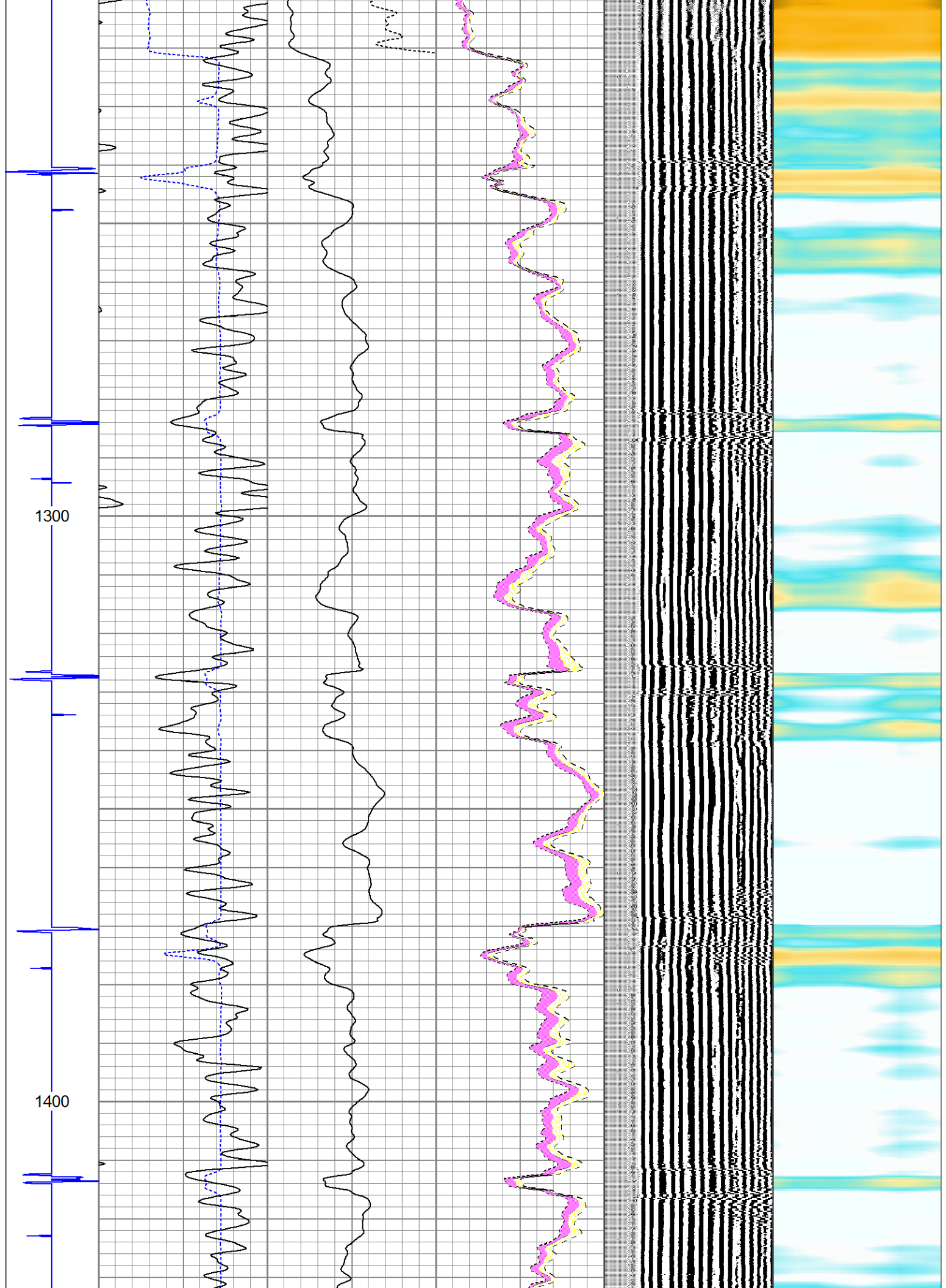


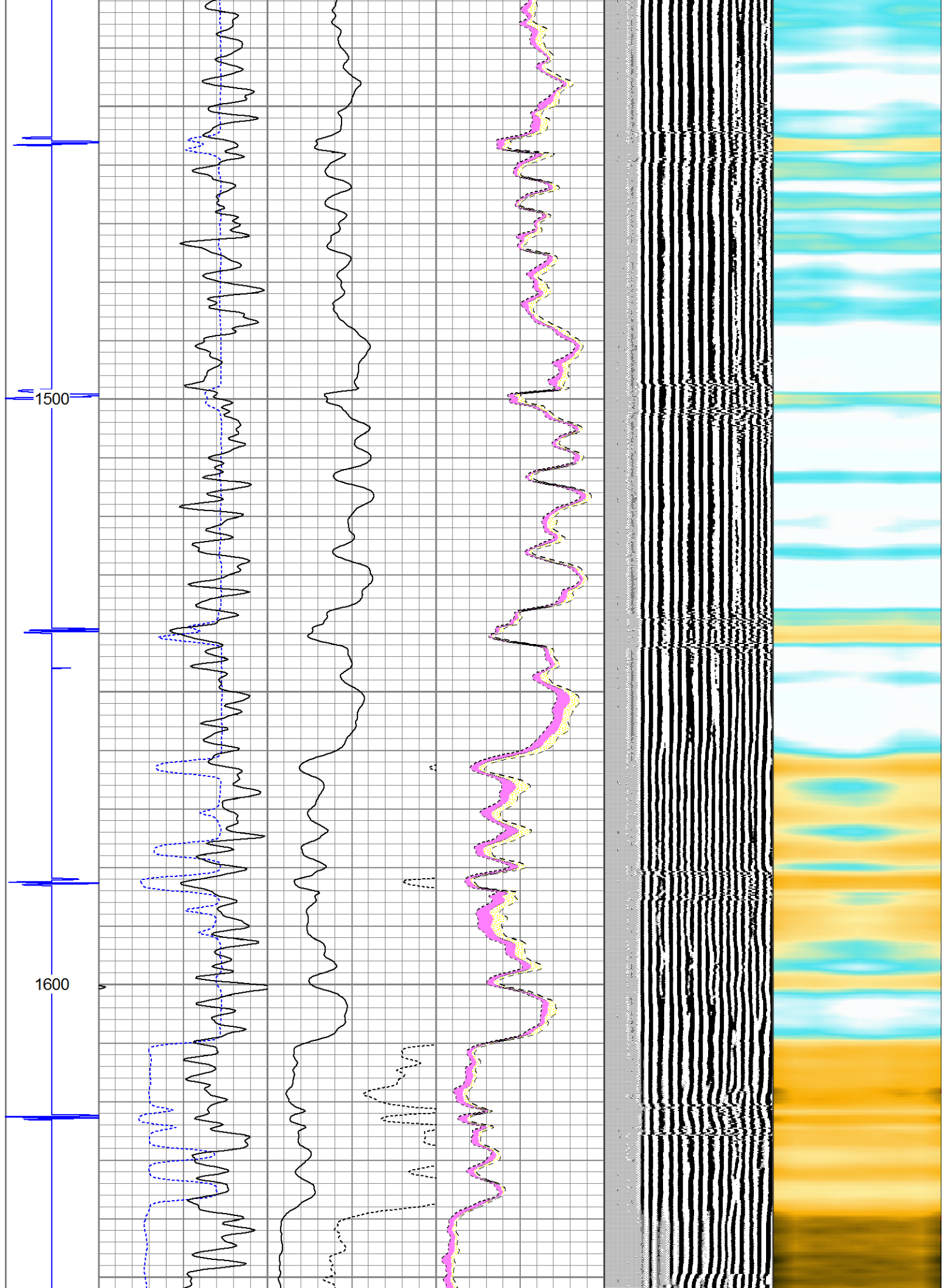


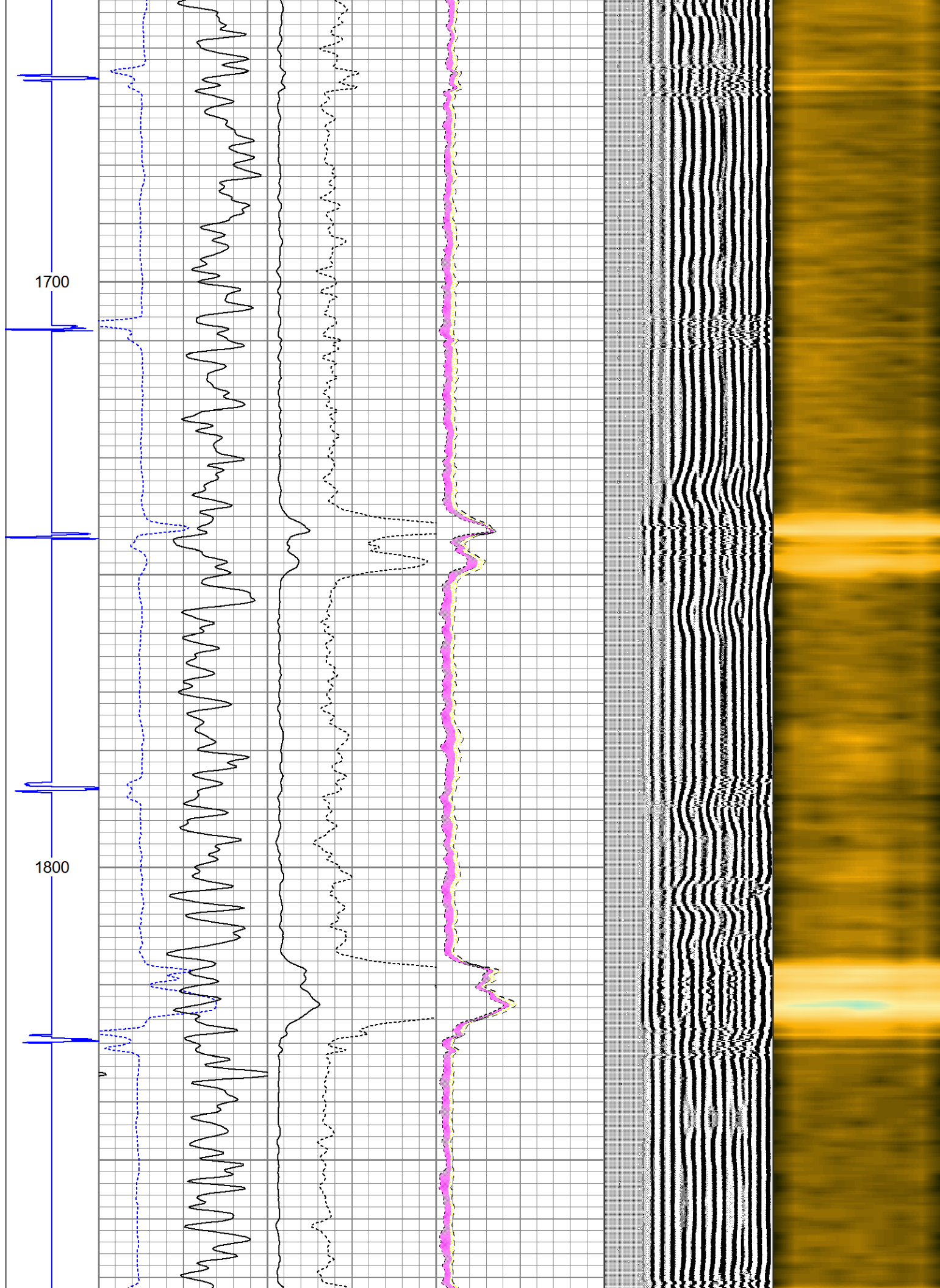


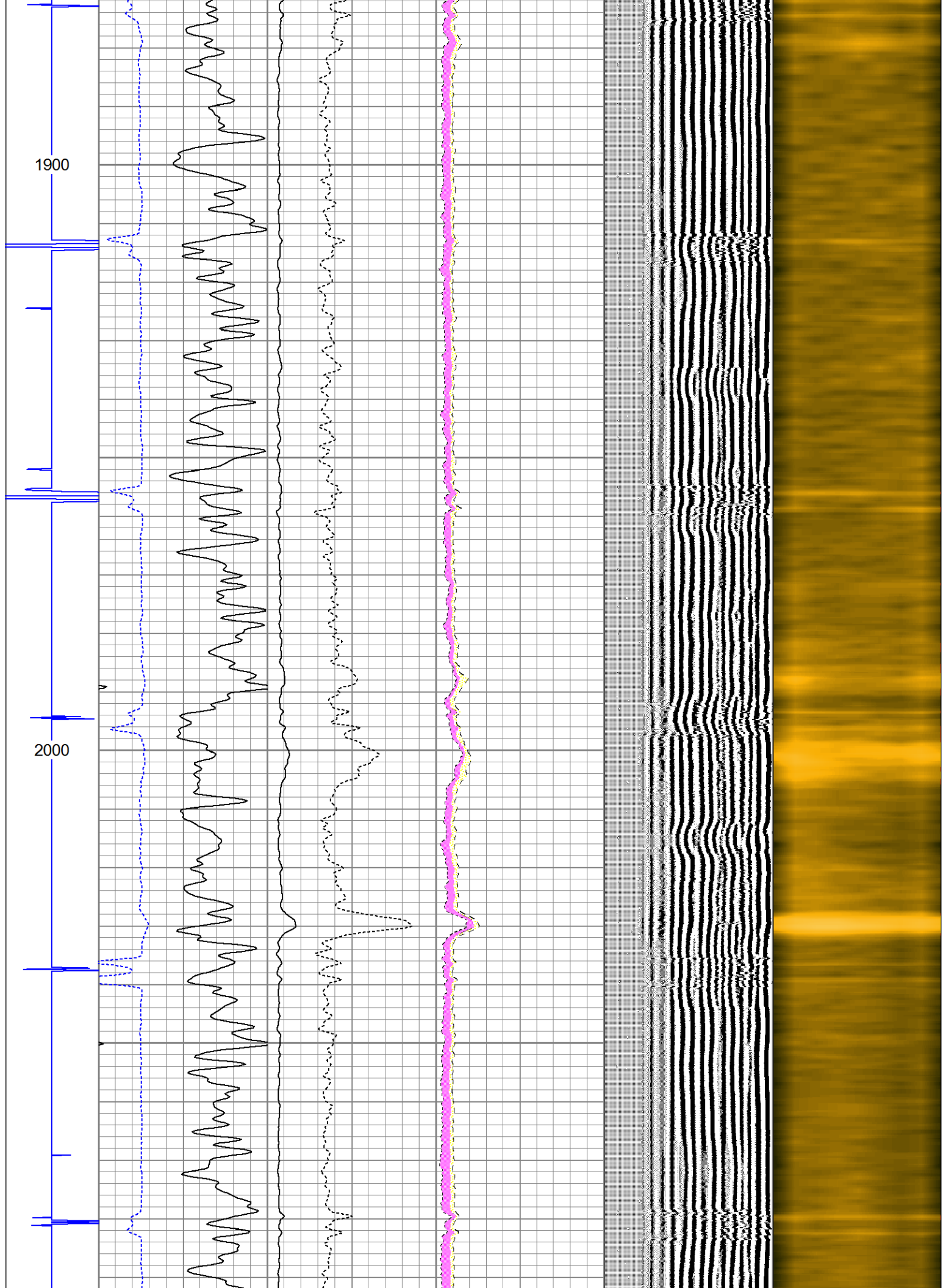


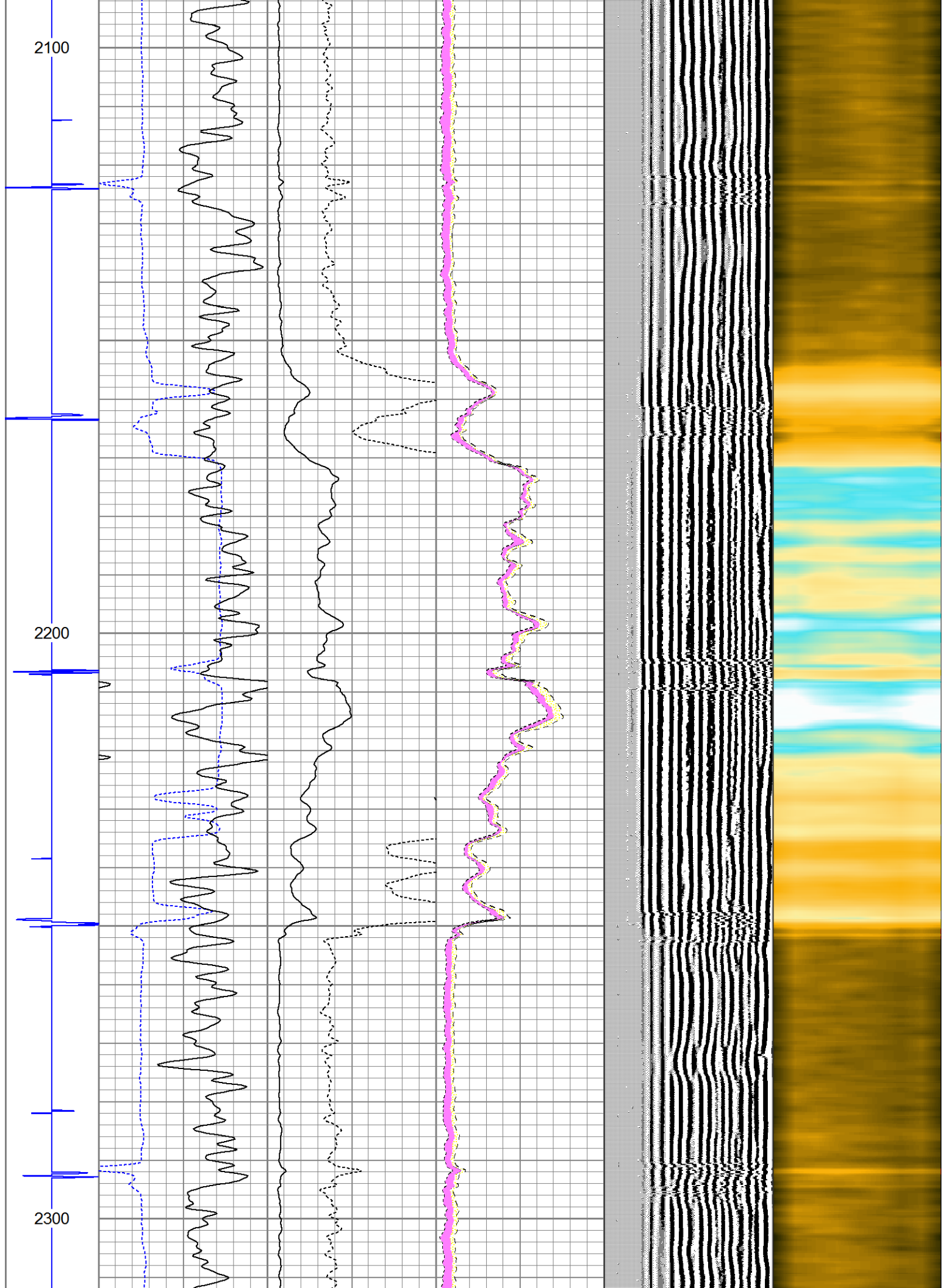


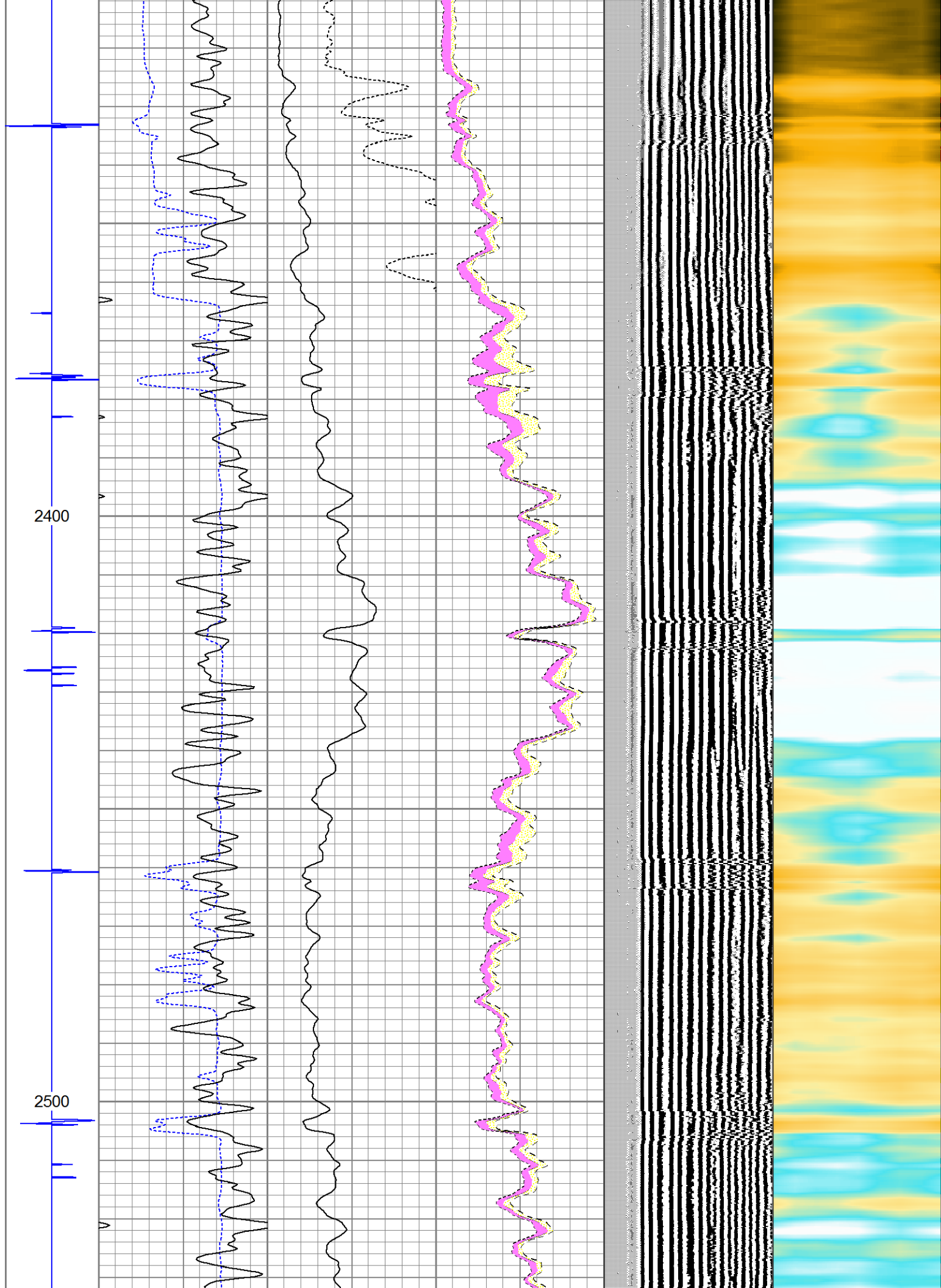


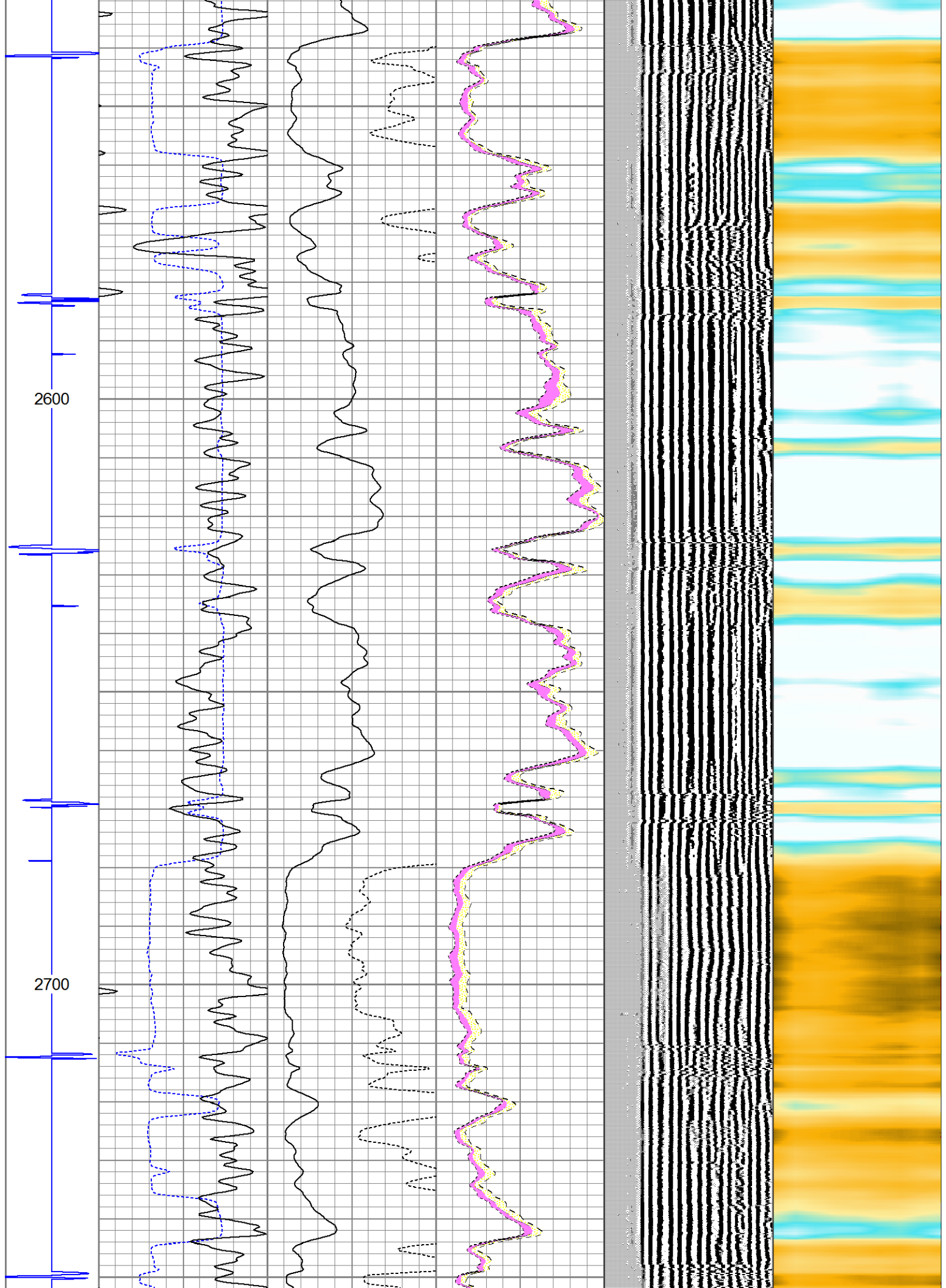


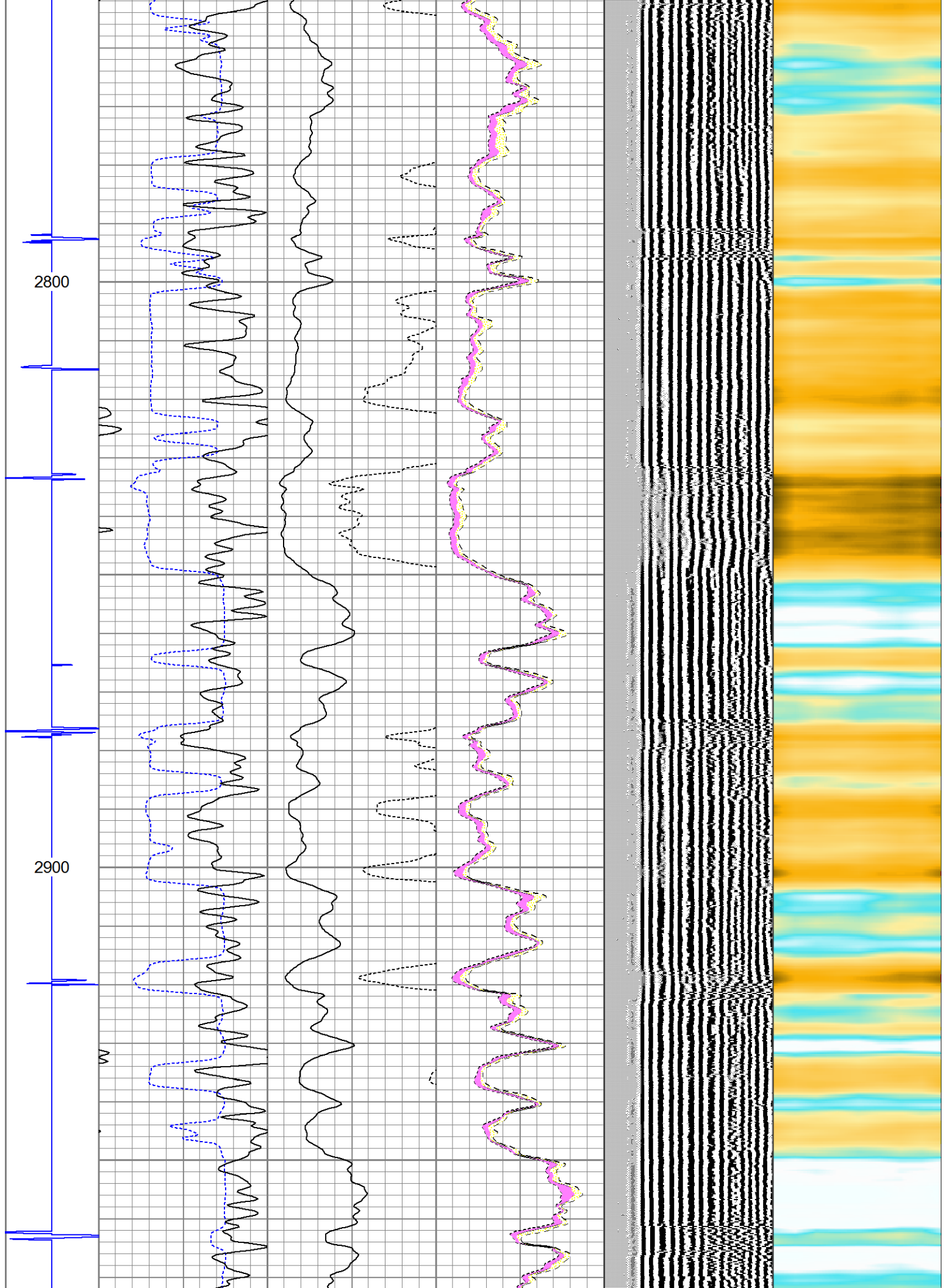


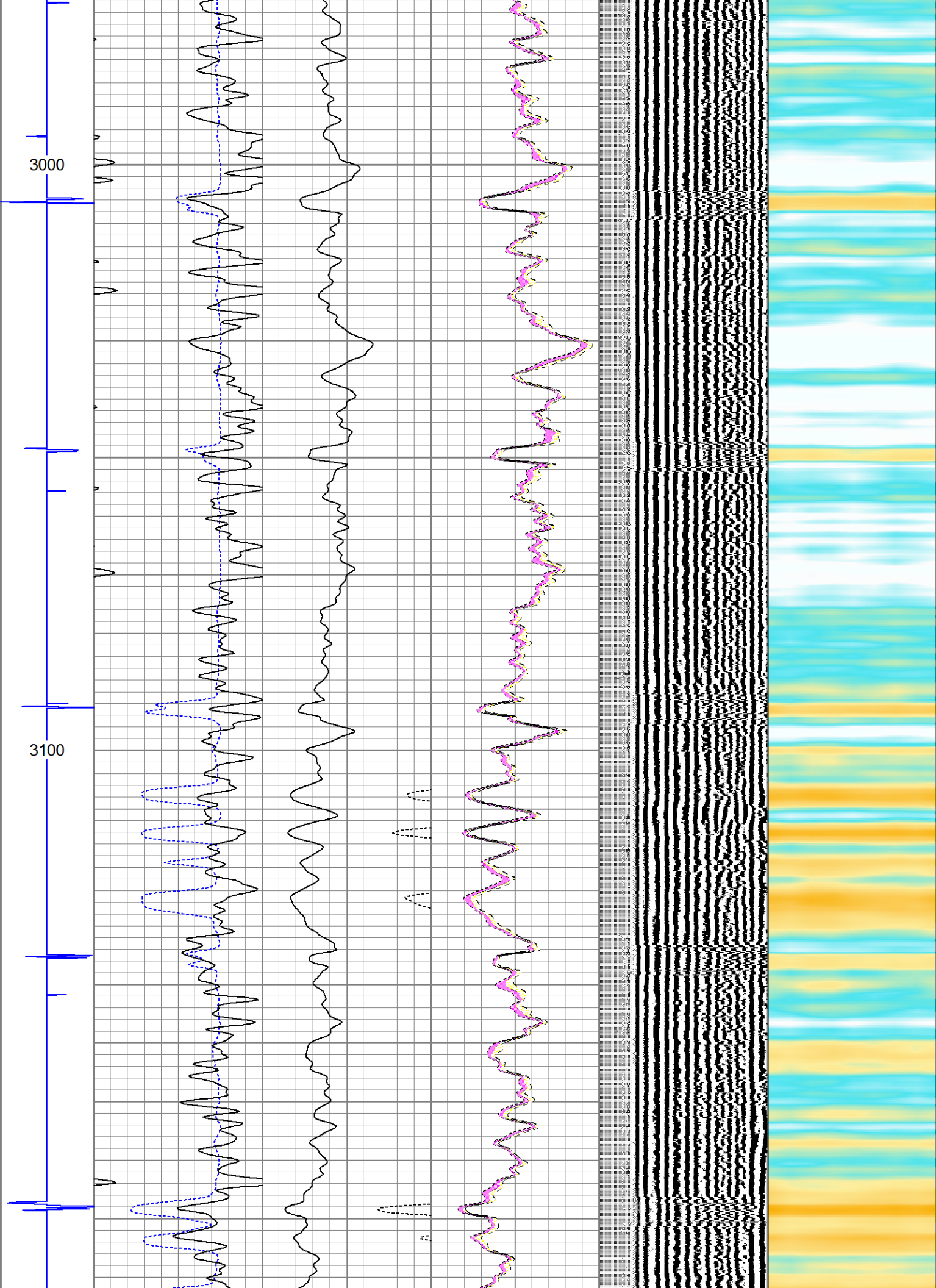


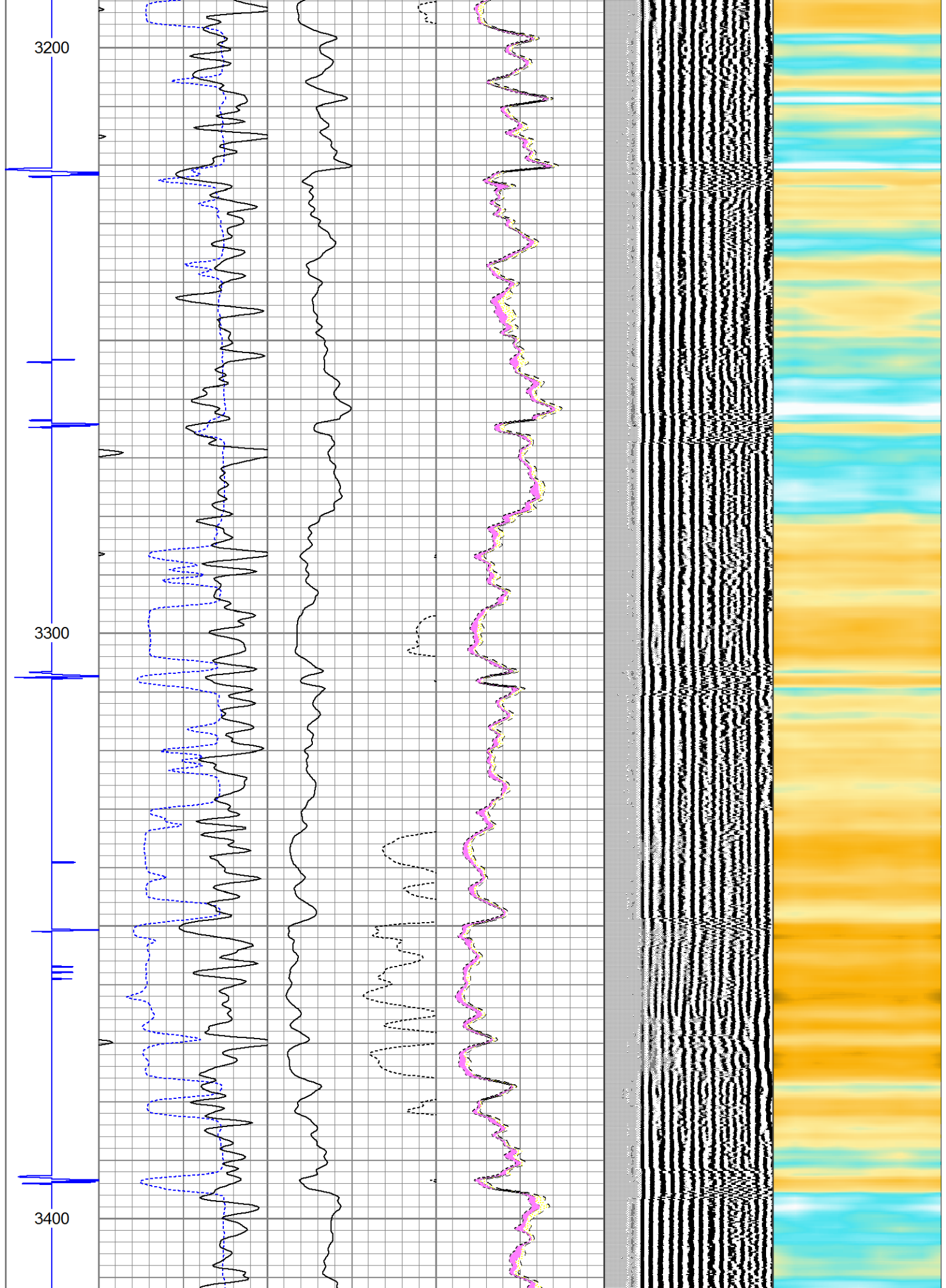


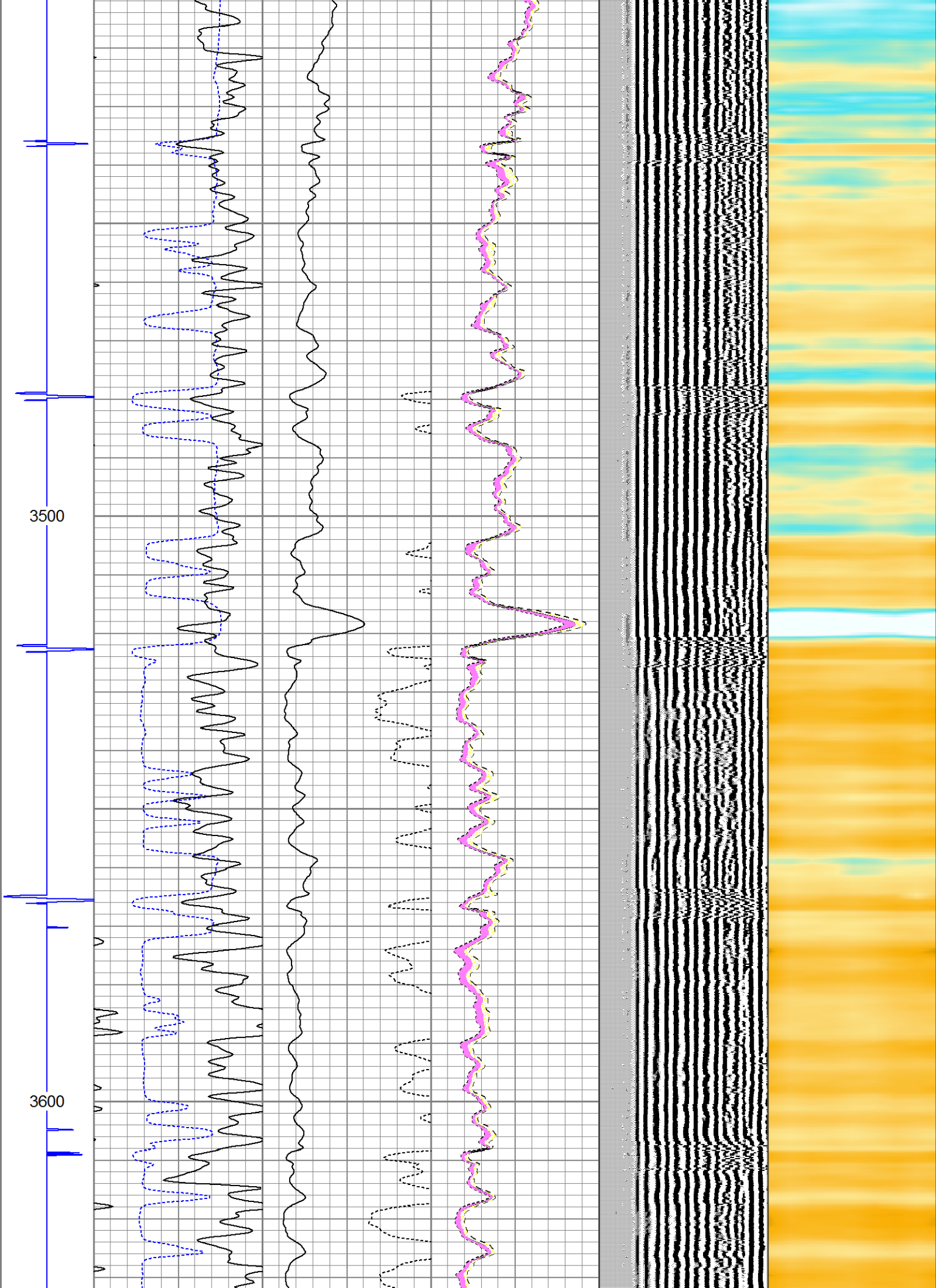


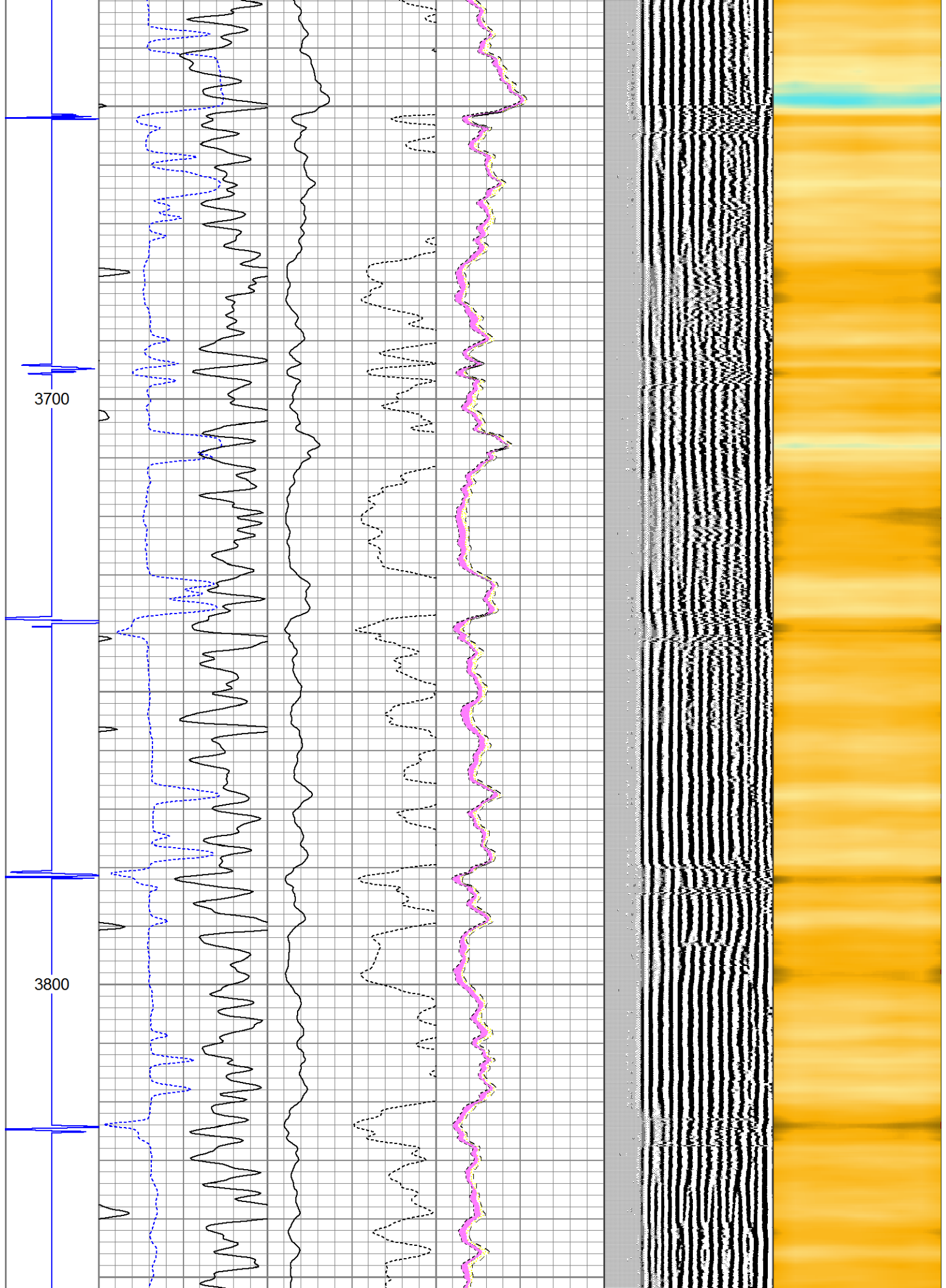


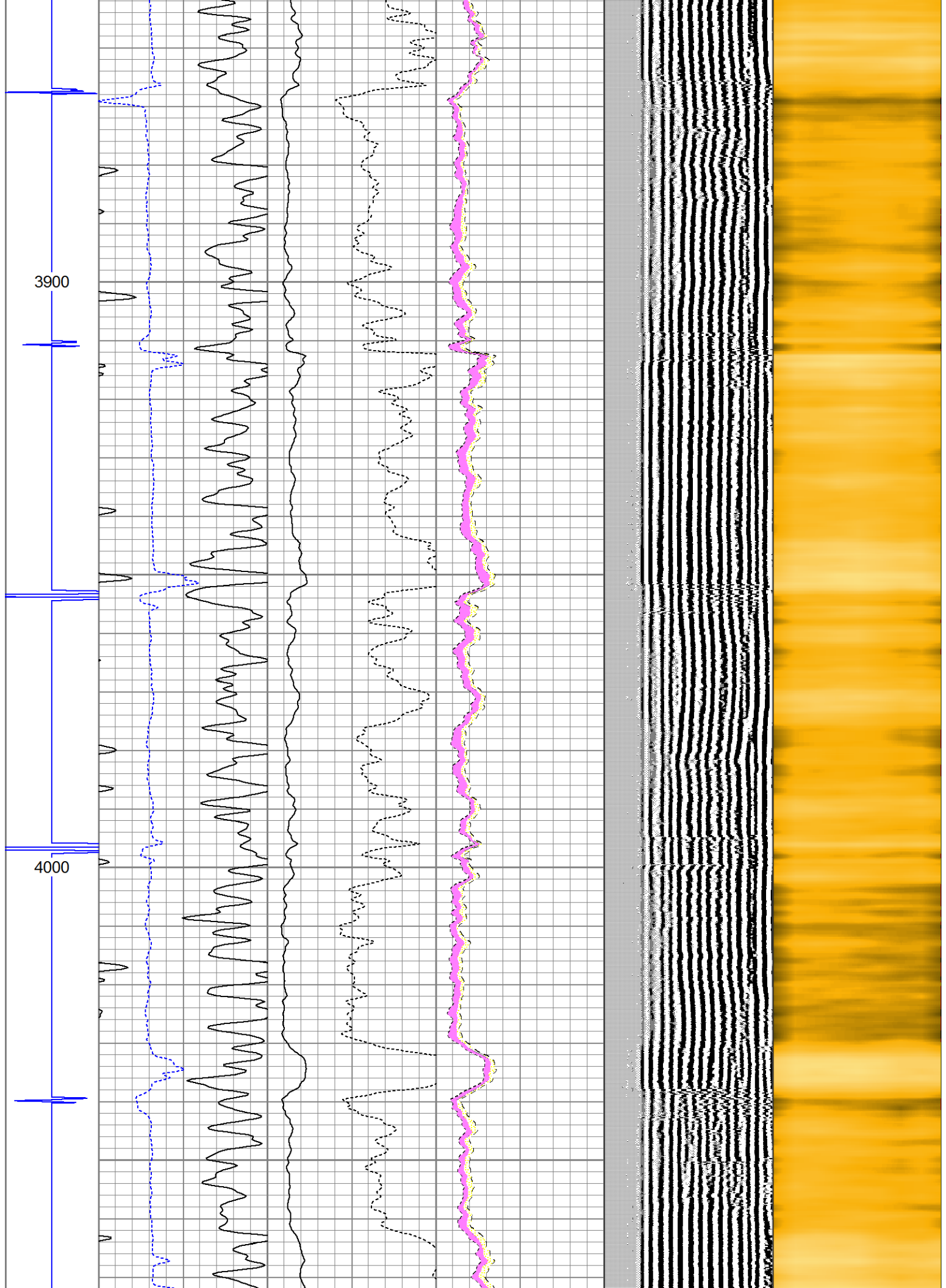


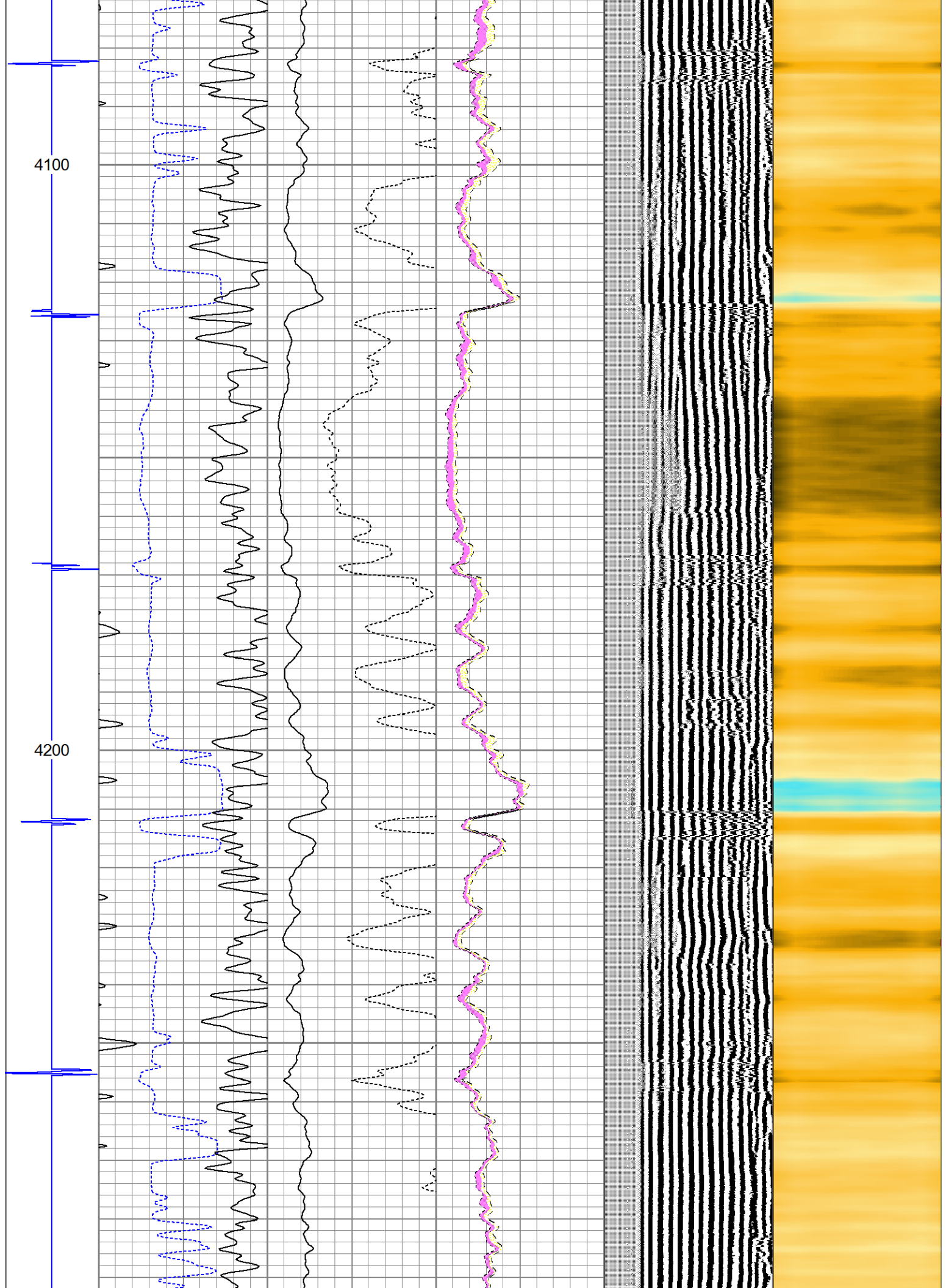


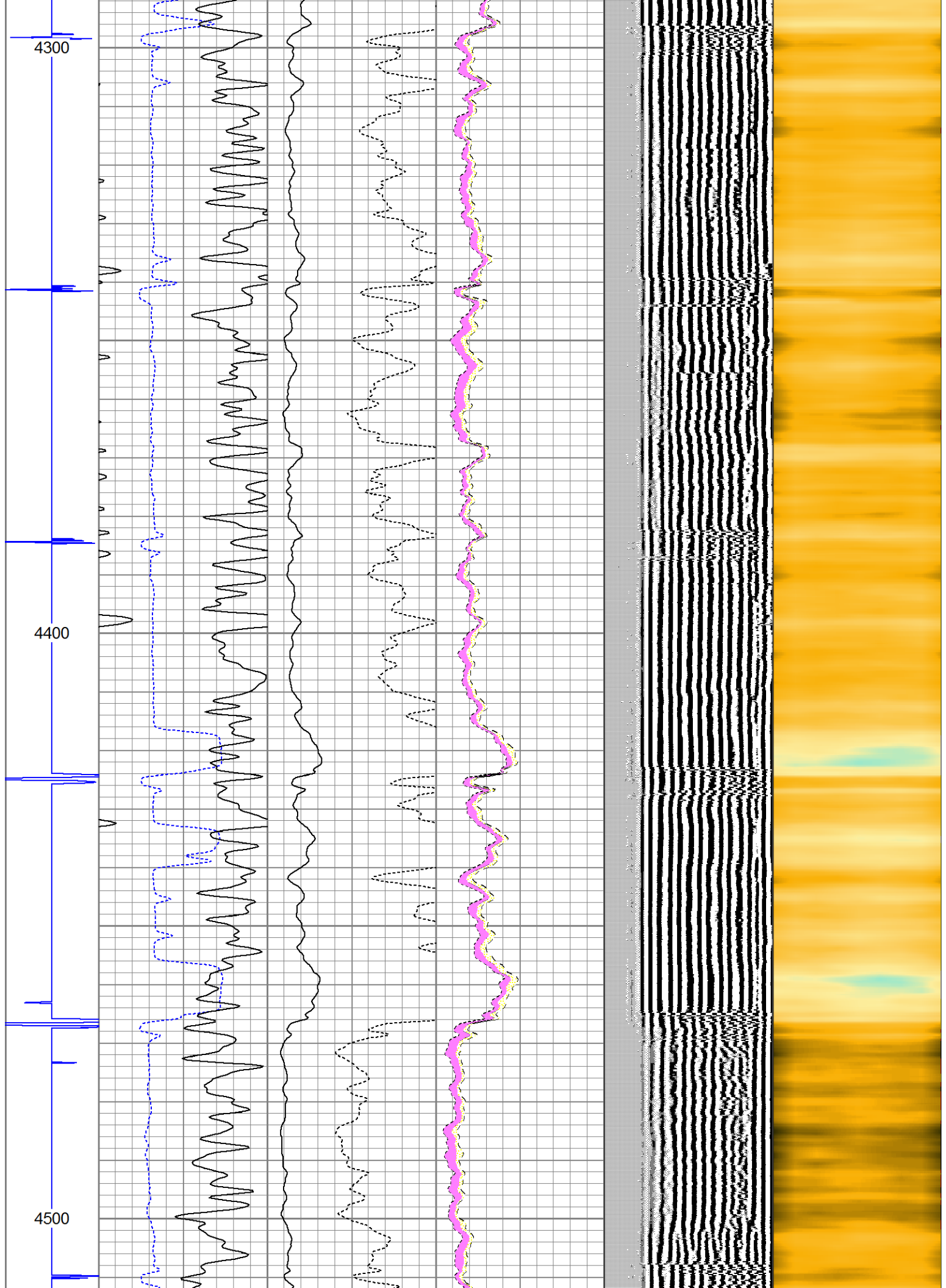


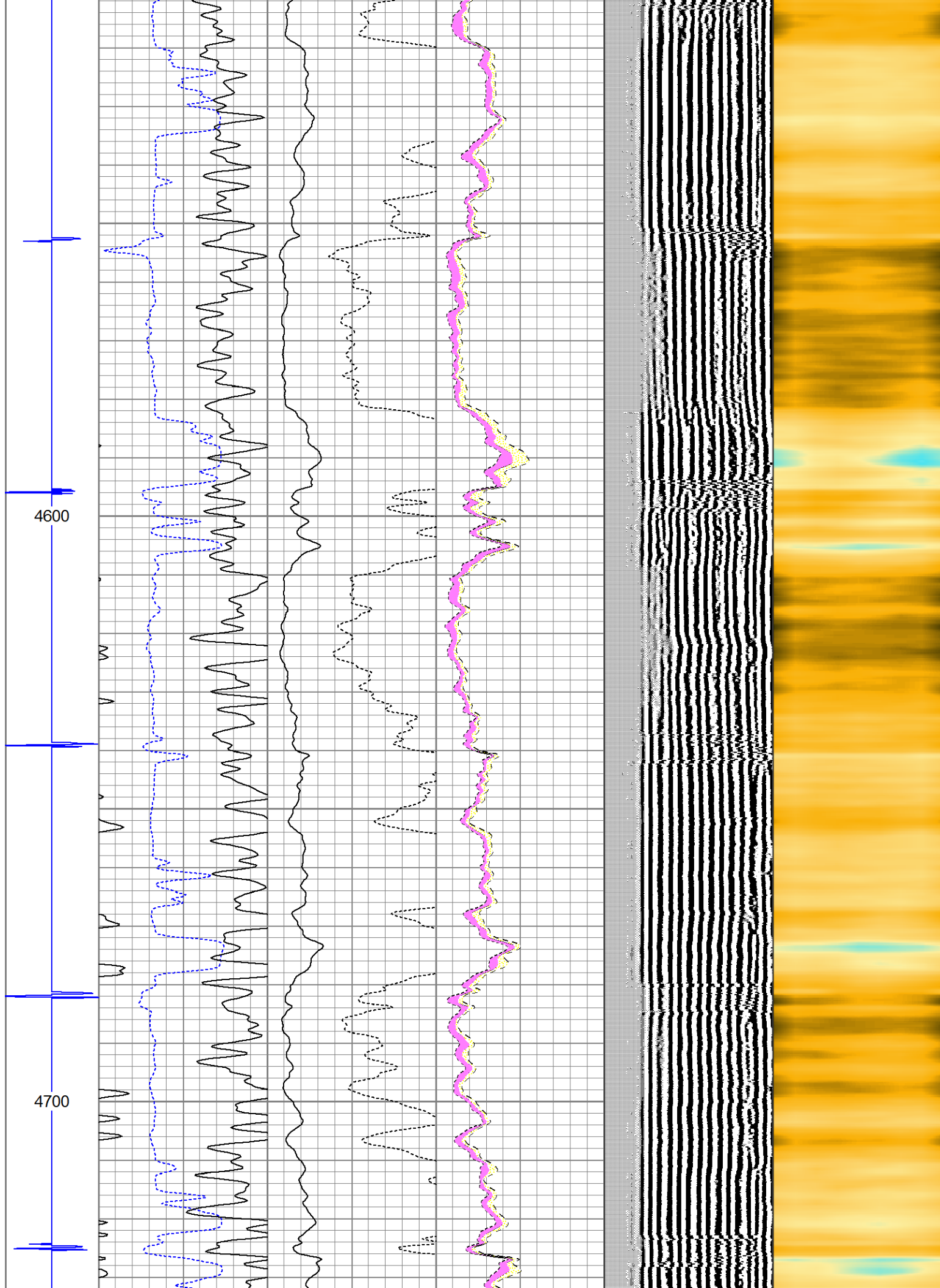


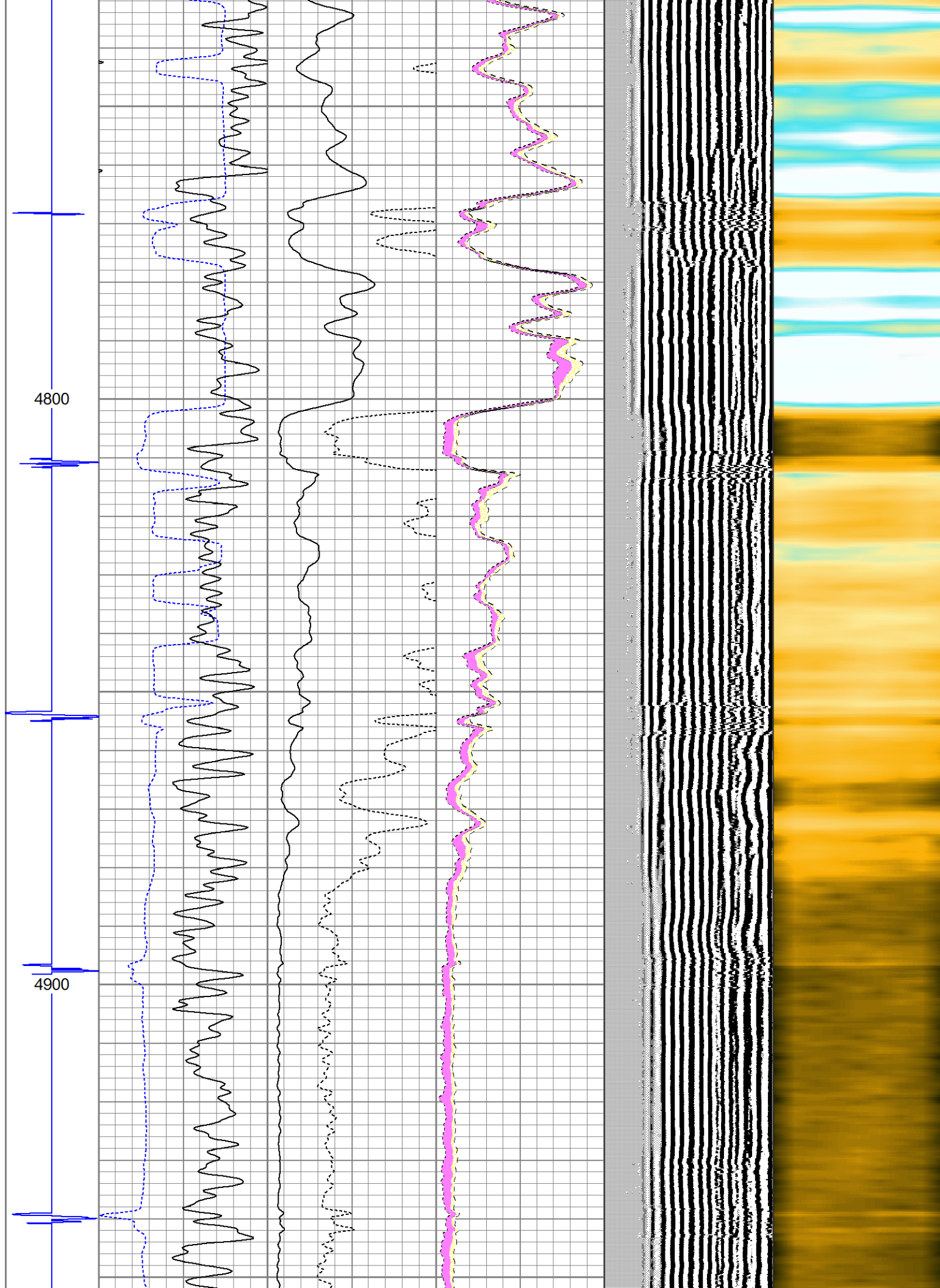


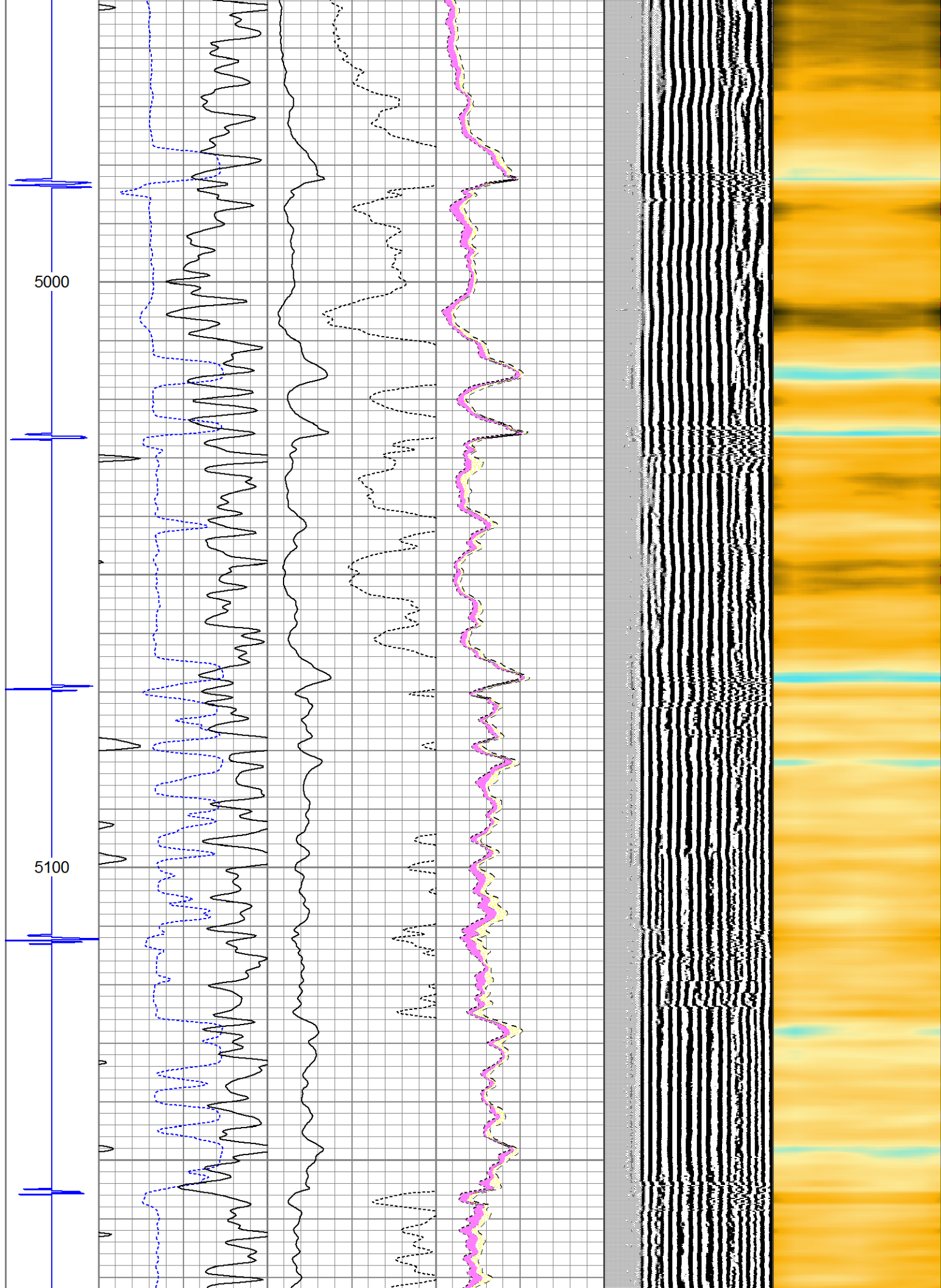


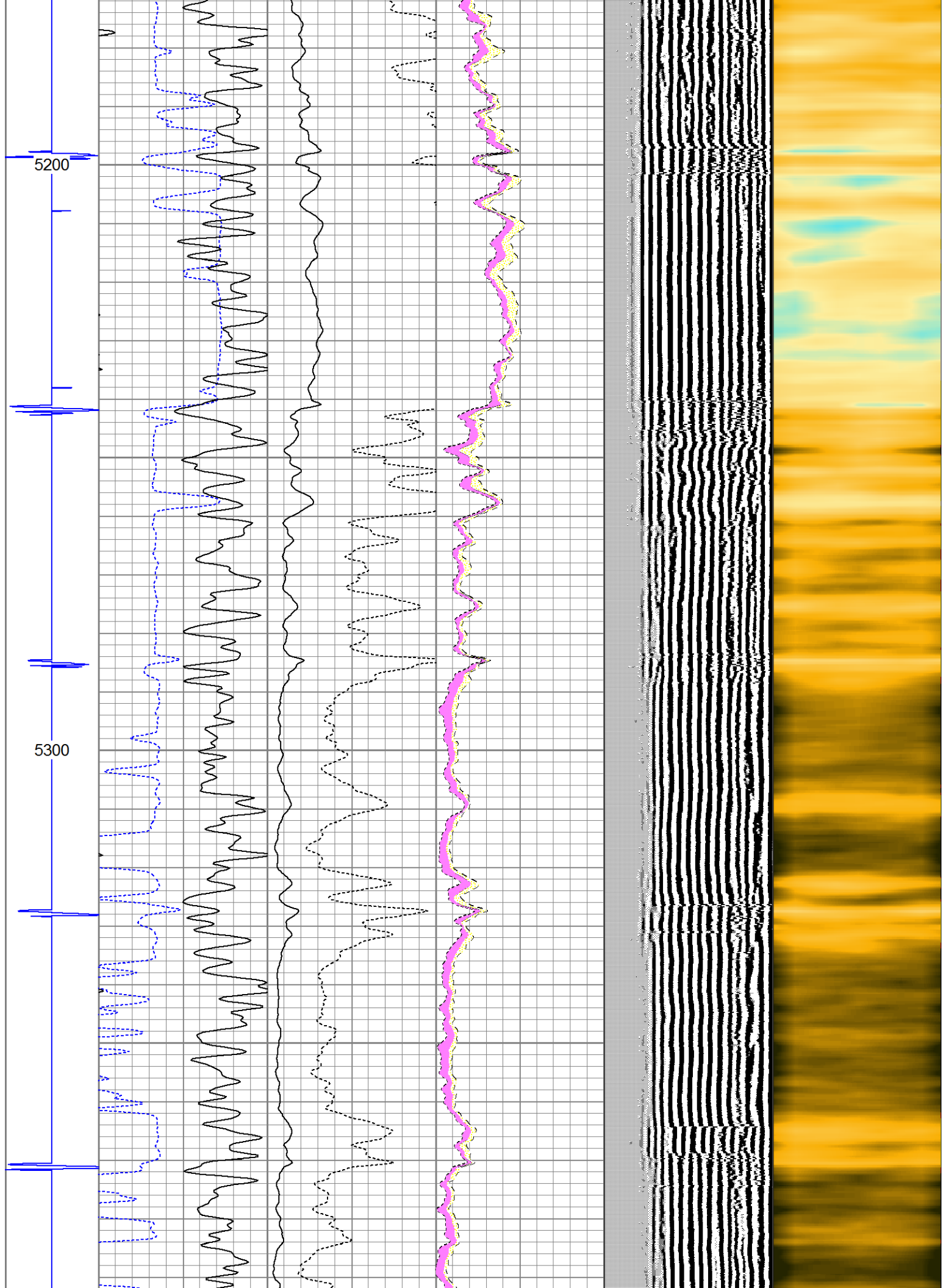


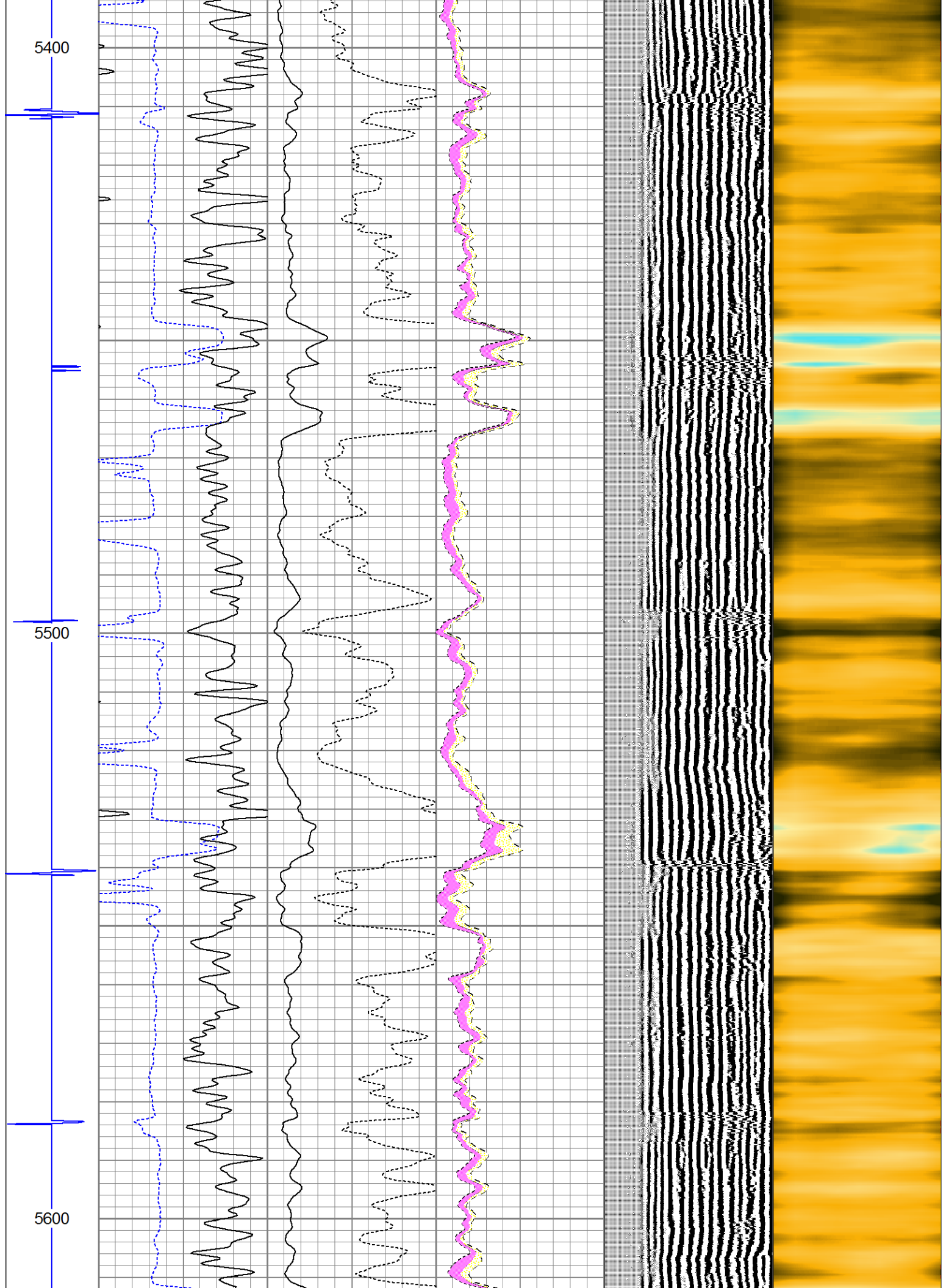


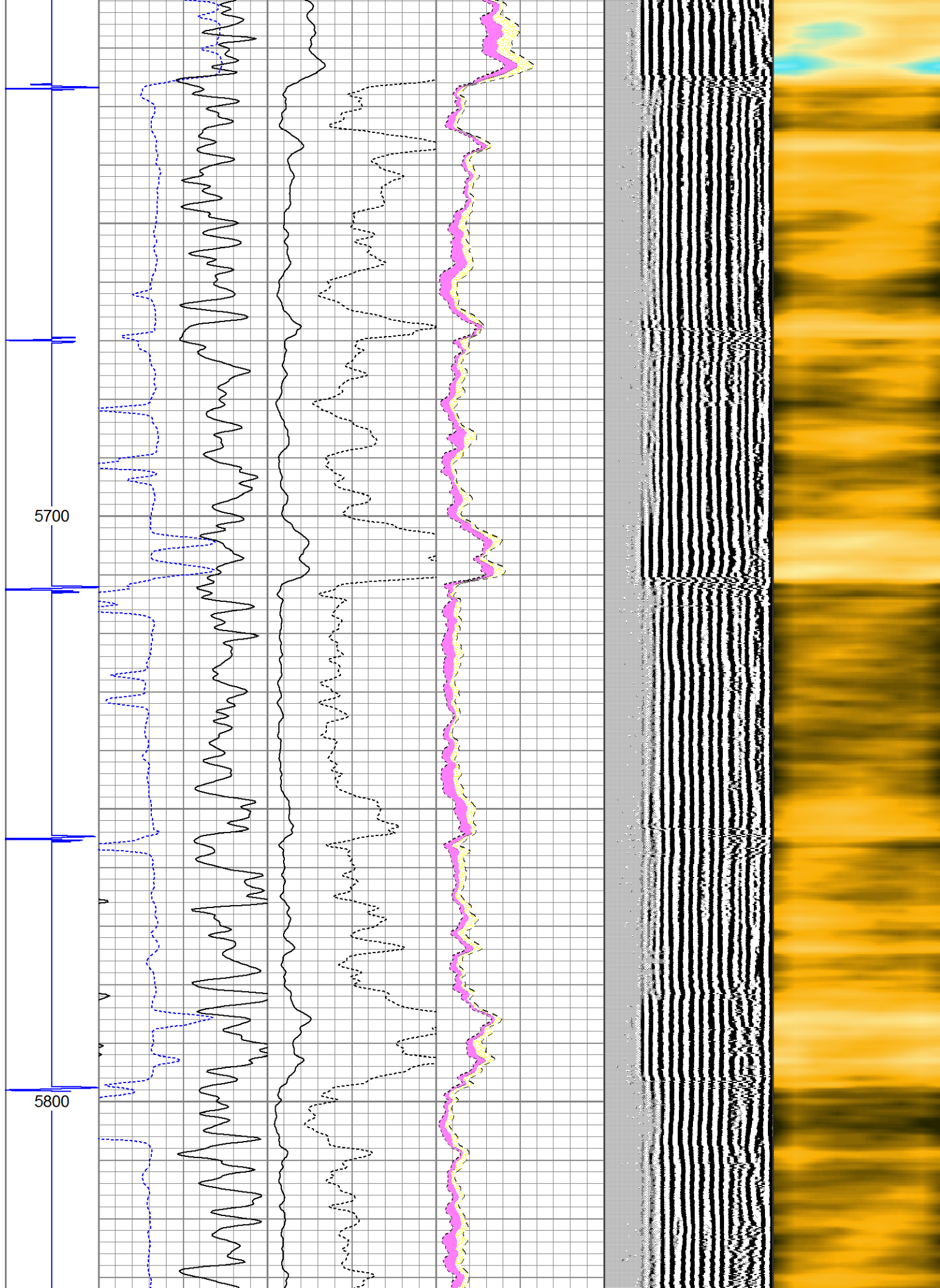


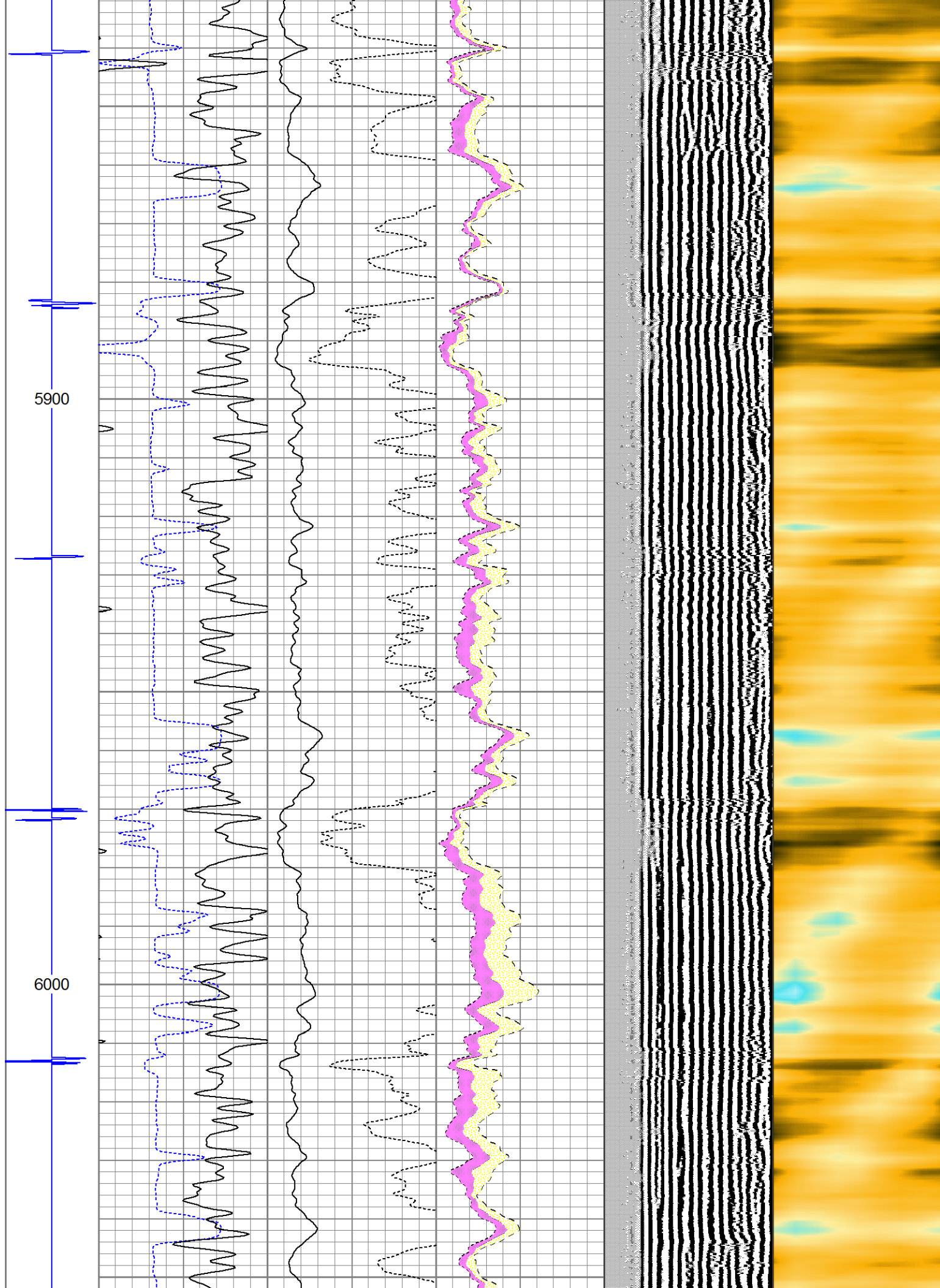


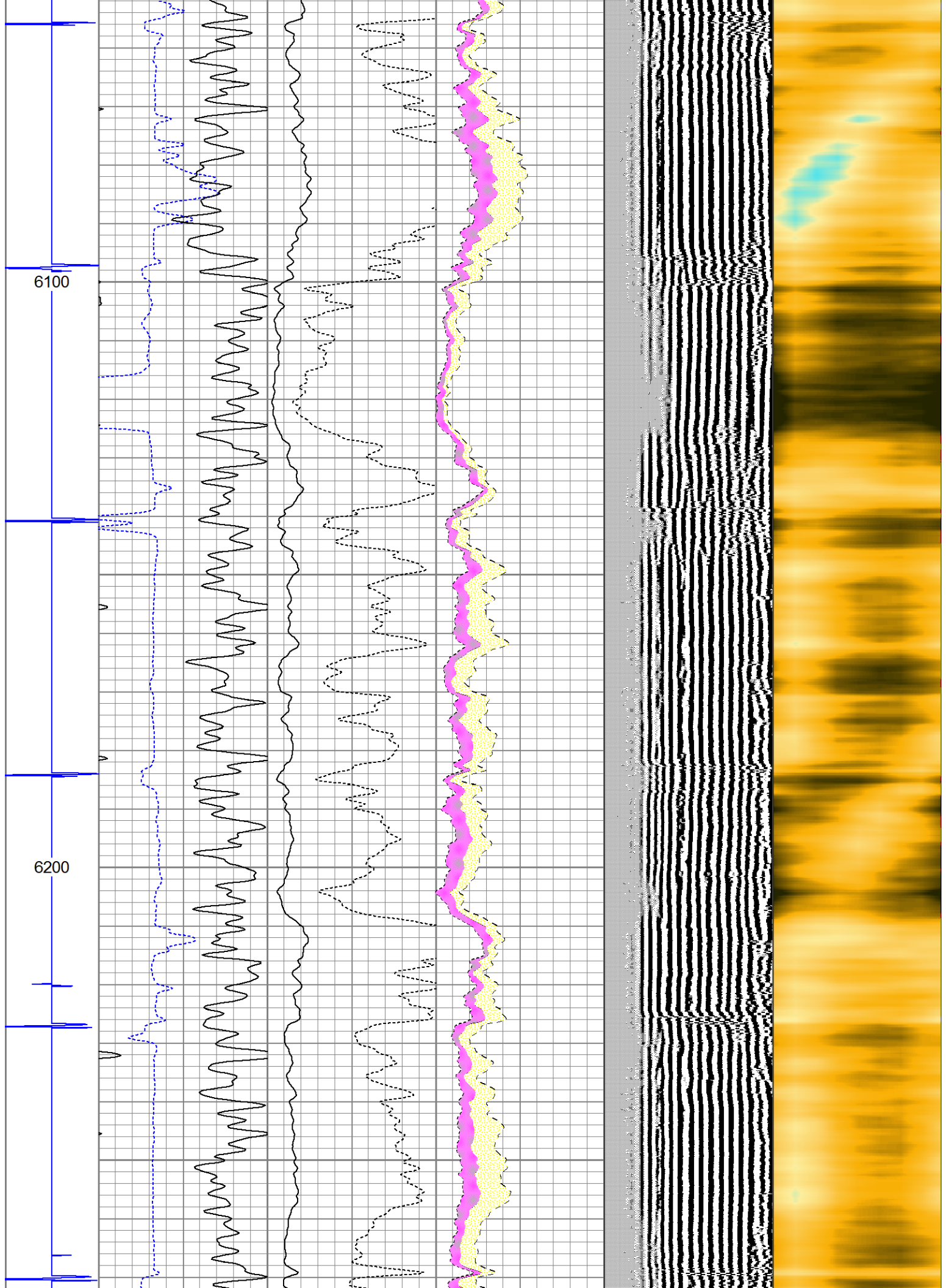


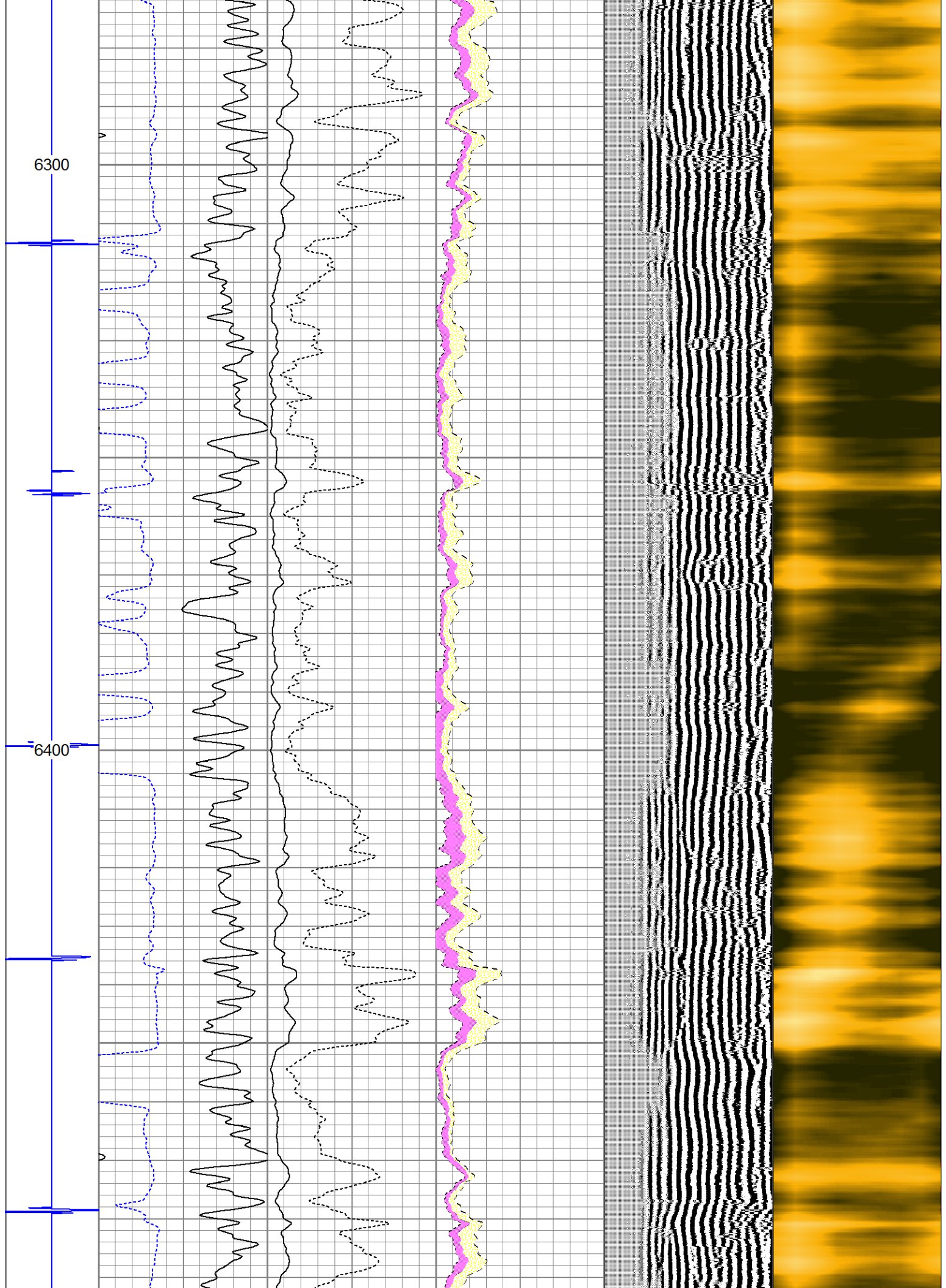


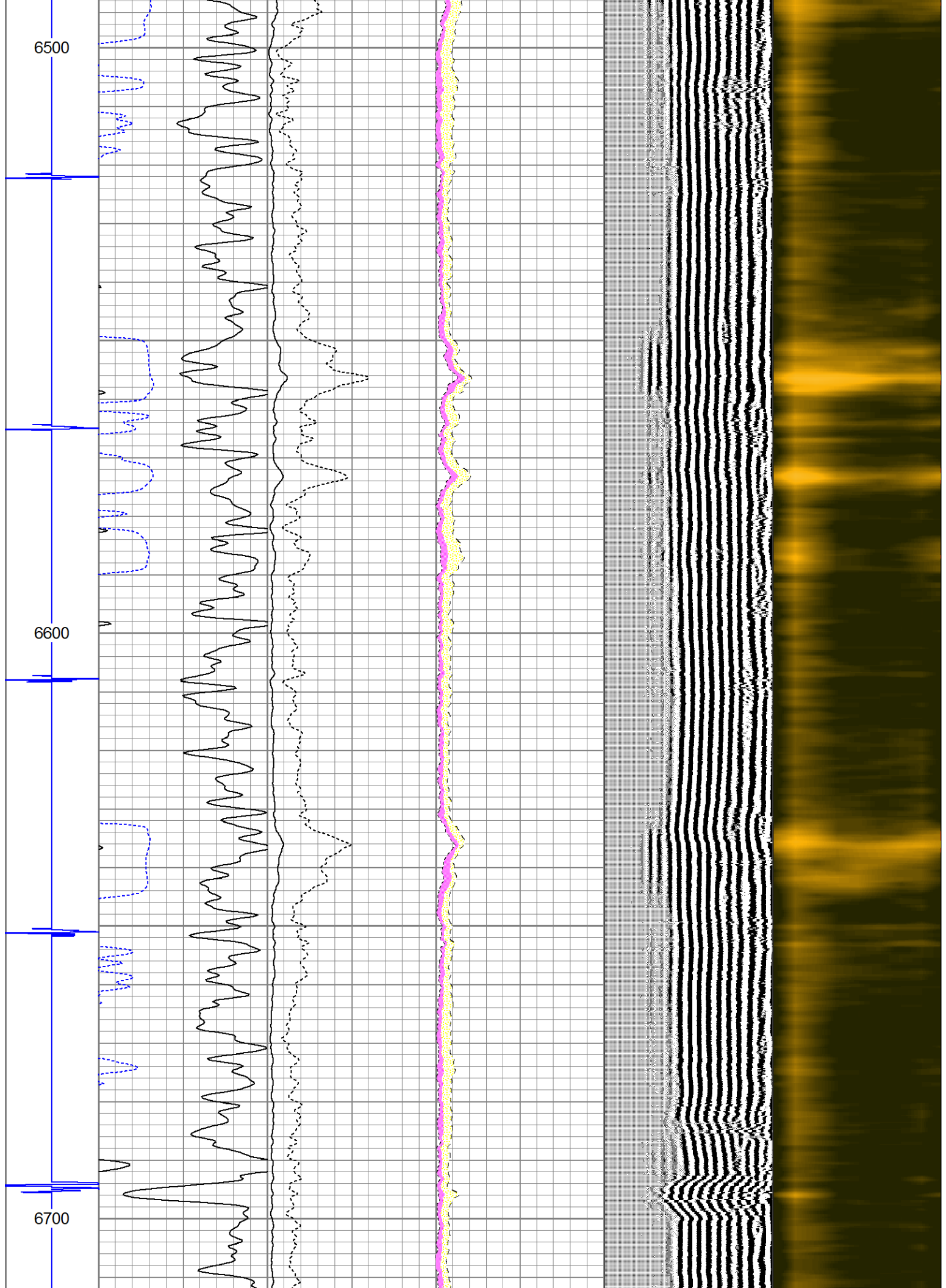


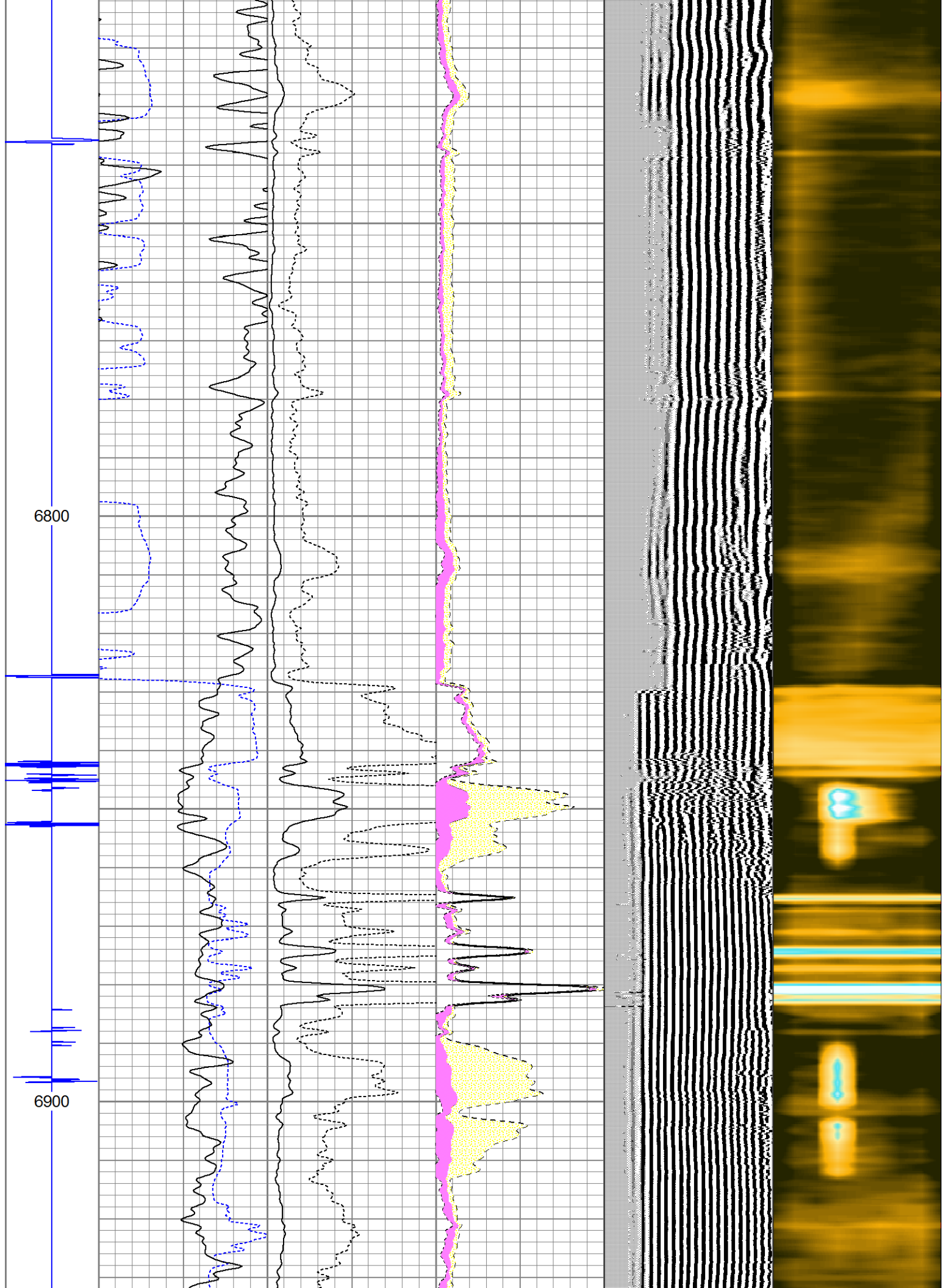


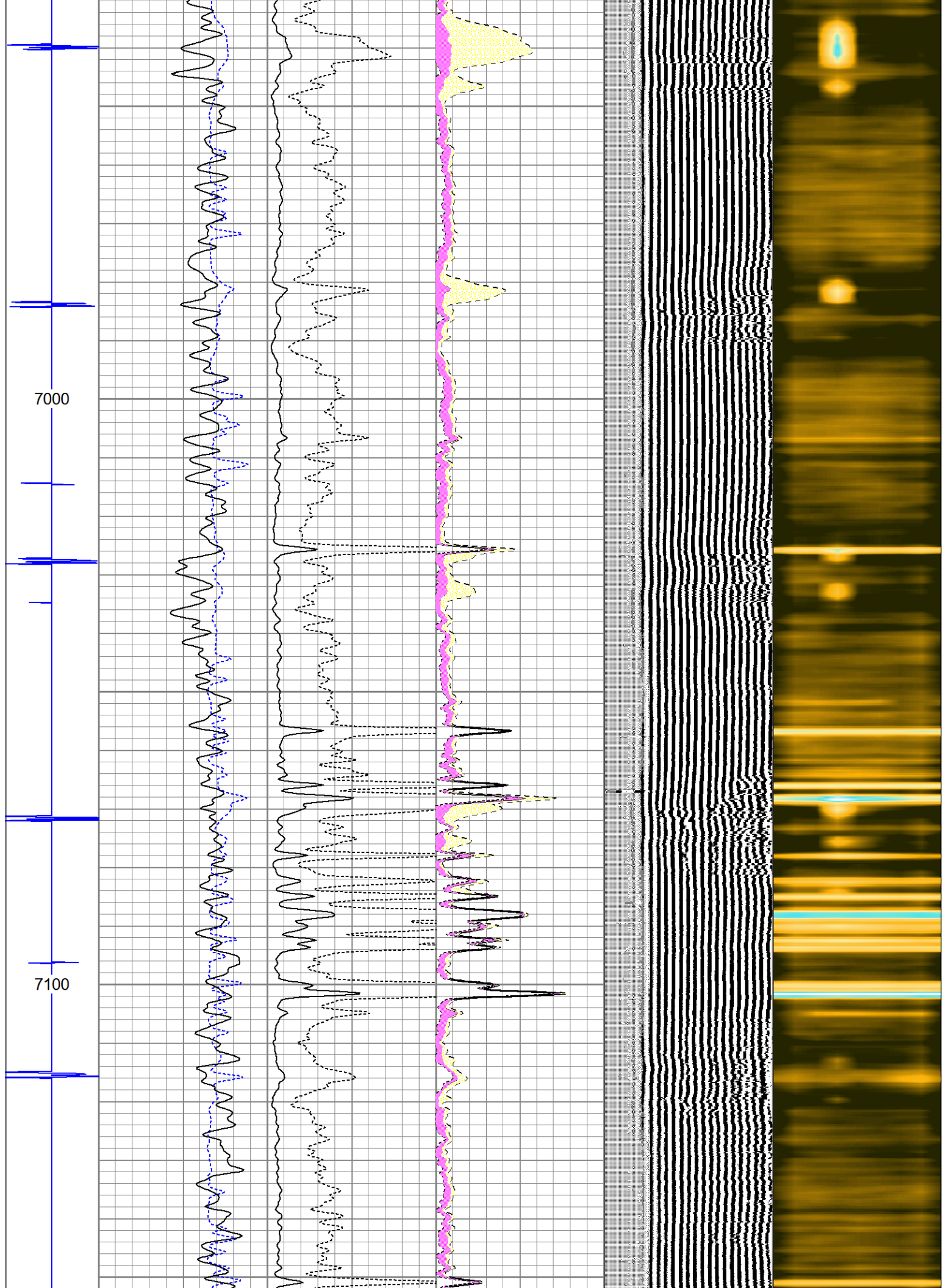


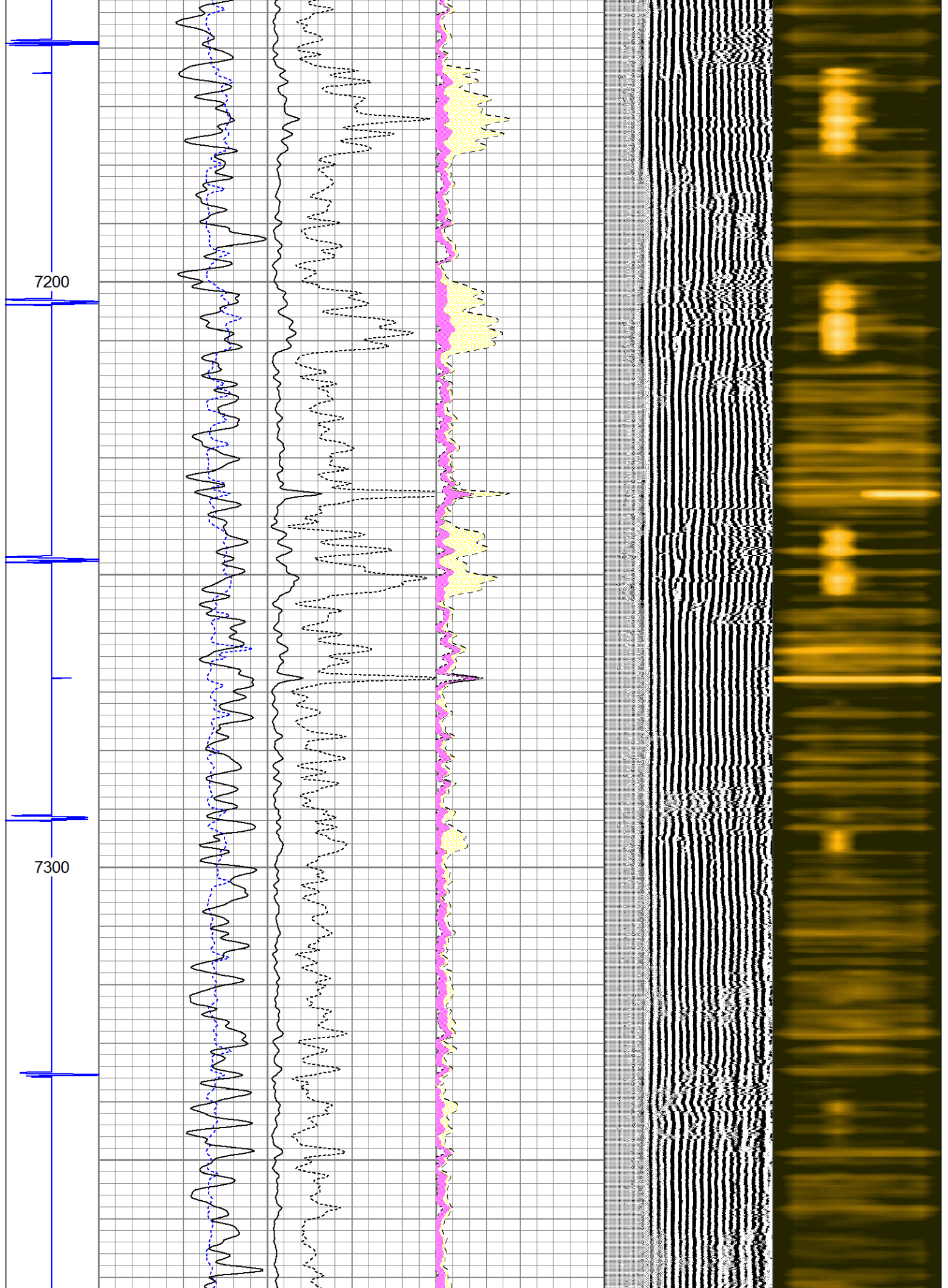


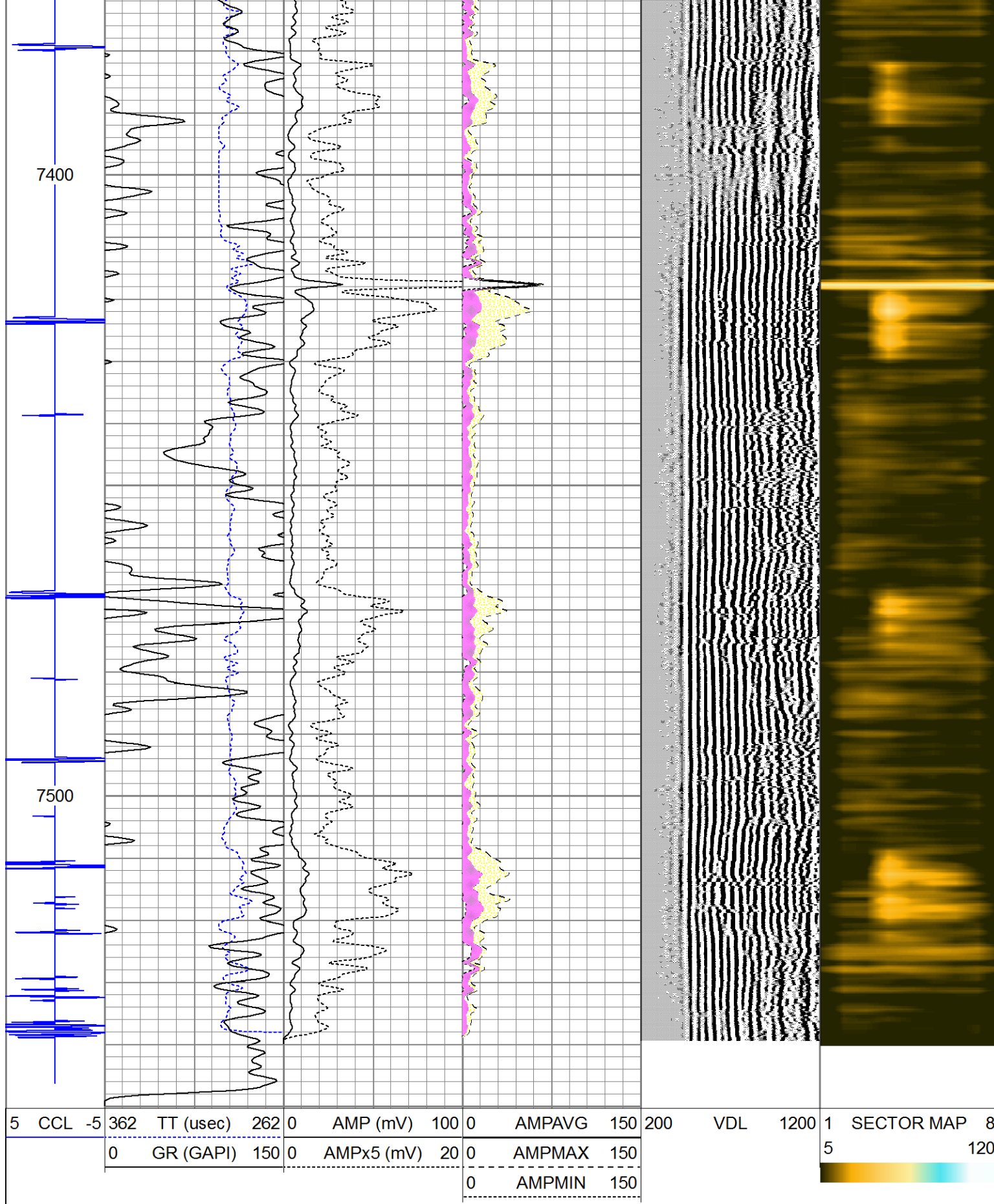












Calibration Report

Database File: 05123384200000_grenemyer_16n_3hz_rbl.db
 Dataset Pathname: pass1
 Dataset Creation: Mon Feb 24 15:21:44 2014

Serial Number:	130608	
Tool Model:	GRCCLTEMP	
Performed:	Sun Jun 13 13:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Temperature Calibration Report

Serial Number:	130608	
Tool Model:	GRCCLTEMP	
Performed:	Thu Aug 15 07:56:46 2013	
	Reference	Reading
Low Reference:	100.00 degF	6509.65cps
High Reference:	350.00 degF	27350.70cps
Gain:	0.01	
Offset:	21.91	
Delta Spacing	1	

Segmented Cement Bond Log Calibration Report

Serial Number:	4.5040904	
Tool Model:	Probe	
Calibration Casing Diameter:	7.000	in
Calibration Depth:	88.575	ft

Master Calibration, performed Mon Feb 24 11:37:27 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.029	1.111	1.000	62.165	56.504	-0.630
CAL	0.015	2.499				
5'	0.017	0.025	1.000	62.165	7661.537	-131.431
SUM						
S1	0.087	1.073	0.000	100.000	101.390	-8.810
S2	0.019	1.112	0.000	100.000	91.426	-1.705
S3	0.018	1.158	0.000	100.000	87.692	-1.573
S4	0.022	1.177	0.000	100.000	86.593	-1.915
S5	0.020	1.162	0.000	100.000	87.592	-1.786
S6	0.018	1.172	0.000	100.000	86.719	-1.600
S7	0.025	1.141	0.000	100.000	89.634	-2.261
S8	0.026	1.095	0.000	100.000	93.505	-2.407

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.015	2.499	1.000	0.000

Air Zero Calibration, performed Thu Feb 23 11:04:07 2012:

	Raw (v)	Calibrated (v)	Results
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	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