



FILE NO:  
CH085717  
API NO:  
05045222660000

COMPANY  
WELL  
FIELD  
COUNTY  
STATE

WPX ENERGY INC  
C&C ENERGY GM 522-13  
GRAND VALLEY  
GARFIELD  
CO

Ver. 3.87

S 13 T7S R96W  
PAD: GM 24-12  
RIG: H & P 318

LOCATION:  
SHL: 263' FSL 1036' FWL S12 T7S R96W  
BHL: 2506' FNL 2010' FWL S13 T7S R96W

SEC 13 TWP 7S RGE 96W

OTHER SERVICES  
RPM

PERMANENT DATUM  
LOG MEASURED FROM  
DRILL MEAS. FROM

GL  
KB  
KB  
24 FT  
ELEVATION  
5141 FT  
ABOVE P.D.

ELEVATIONS:  
KB  
DF  
GL  
5165 FT  
5141 FT

DATE	TRIP	14-May-2014	1
RUN	1	US085717	
SERVICE ORDER			
DEPTH DRILLER		7045 FT	
DEPTH LOGGER		7040 FT	
BOTTOM LOGGED INTERVAL		7030 FT	
TOP LOGGED INTERVAL		24 FT	
TIME STARTED		0700	
TIME FINISHED		1230	
OPERATOR RIG TIME		5.5 HR	
TYPE OF FLUID IN HOLE		WATER	
FLUID DENSITY		NA	
FLUID SALINITY		NA	
FLUID LEVEL		68 FT	
LOGGED CEMENT TOP		NA	
WELLHEAD PRESSURE		0 PSI	
MAXIMUM HOLE DEVIATION		NA	
NOMINAL LOGGING SPEED		65 FMIN	
MAX. RECORDED TEMP.		200 DEGF	
REFERENCE LOG		NA	
REFERENCE LOG DATE		NA	
EQUIP. NO.	LOCATION	6670	GRAND JCT
RECORDED BY		D SMITH/T NEWELL	
WITNESSED BY		JEFF BRADY	

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE THE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

#### BOREHOLE RECORD

BIT SIZE	FROM	TO
13.5 IN	0 FT	1517 FT
8.75 IN	1517 FT	7060 FT

#### CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN	32.2 LB/F		0 FT	1517 FT
4.5 IN	11.6 LB/F	I-80	0 FT	7060 FT

#### REMARKS

RUN 1 TRIP 1: ALL DATA ON THIS LOG IS SHIFTED USING THE CCL CURVE TO PUT THE WELLHEAD (TOP CCL MARK) ON DEPTH WITH GROUND LEVEL ELEVATION AT THE CLIENT'S REQUEST

AMOUNT OF LINEAR SHIFT IS 11 FEET

LOGGED WITH 0 PSI AT WELLHEAD

BHT = 200 DEGF

SJ = 3828'-3850'

THANK YOU FOR USING BAKER HUGHES WIRELINE SERVICES

## EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10154957	CENTRALIZED
1	1	GR/CCL	2459XA	10124121	CENTRALIZED

## PRIMARY PRESENTATION 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1

Plotted: Fri May 16 13:33:33 2014

## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH085717/n012e02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 17.500 ft BOTTOM DEPTH: 7021.000 ft

## SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER Q	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER Q	light (2a)		"	"
TRAVEL TIME	FILTER Q	medium (1)		"	"

## RAL CCL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM

## ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	160	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (gtrn*)	-64	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

## CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	May 14 10:27:11 2014	CASING COLLAR LOCATOR
F1:FAMPN	May 14 10:27:11 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	May 14 10:27:11 2014	FAR WAVE FORM
F1:GR	May 14 10:27:11 2014	GAMMA RAY
F1:TTN	May 14 10:27:11 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	May 14 10:27:11 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

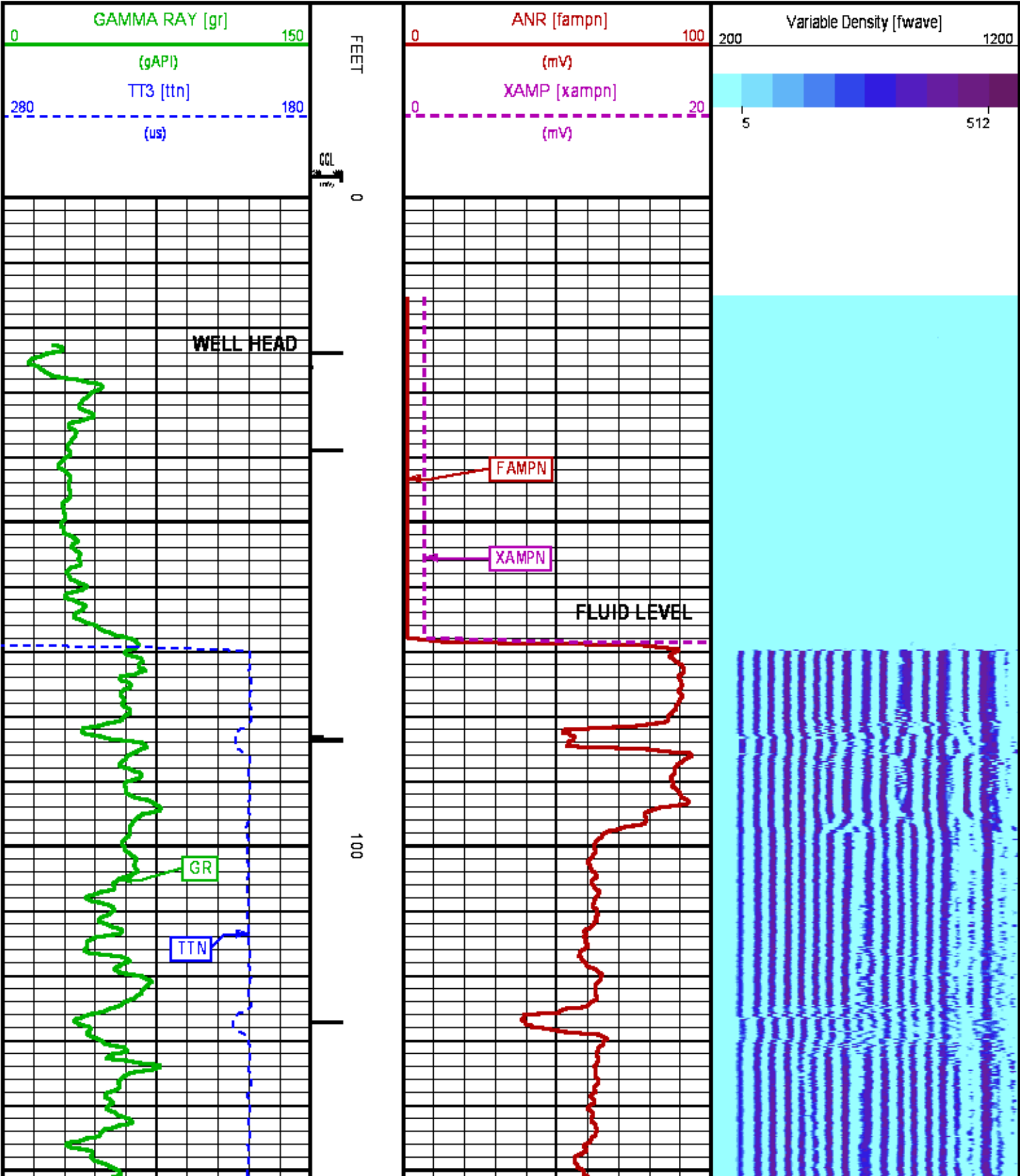
## CURVE MEASURE POINT OFFSET

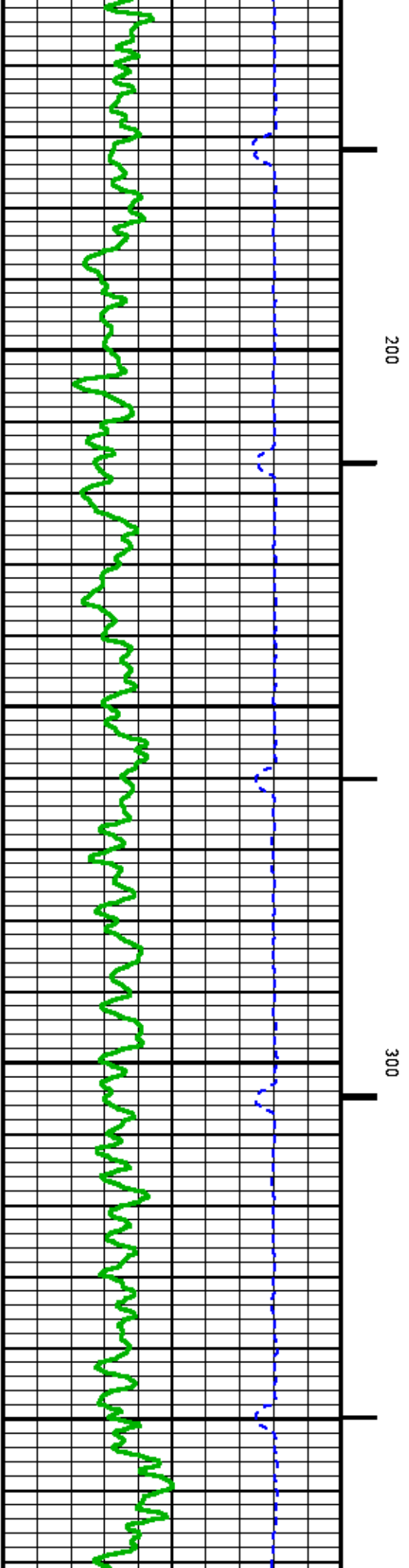
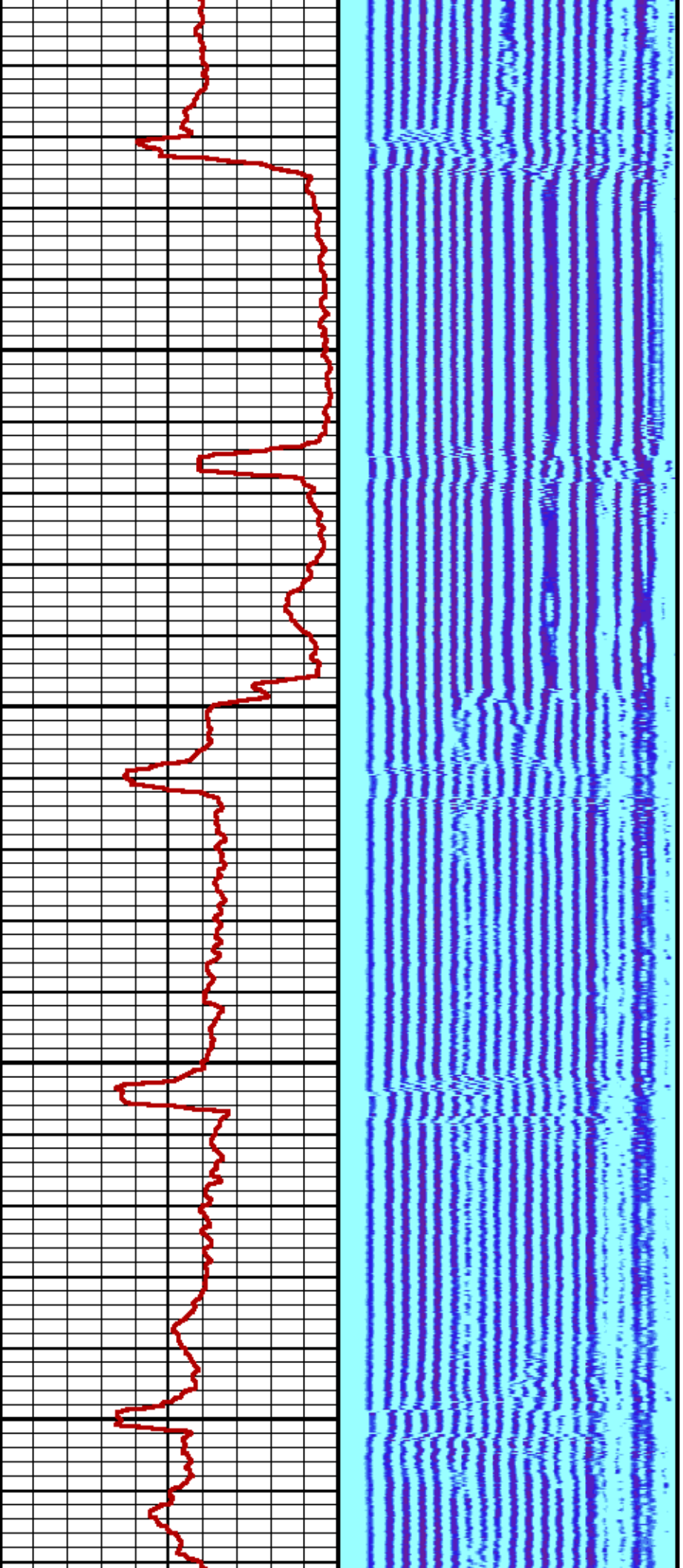
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.60	GR	6.60	XAMPN	12.75		

CCL	0.50	GR	0.50	XAMPN	13.75
FAMPN	13.75	TTN	13.75		

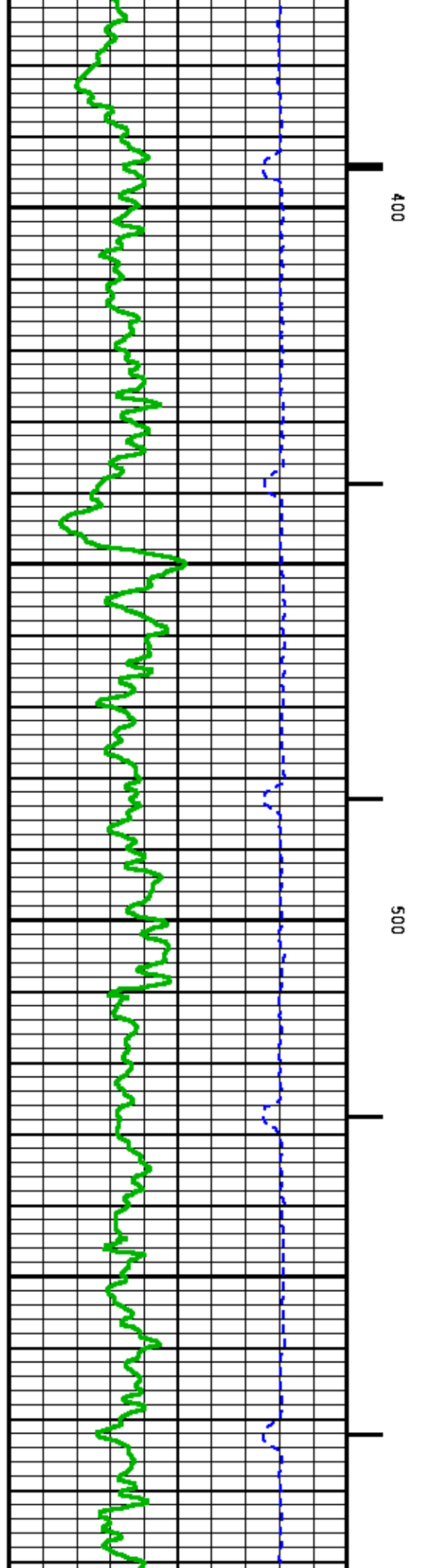
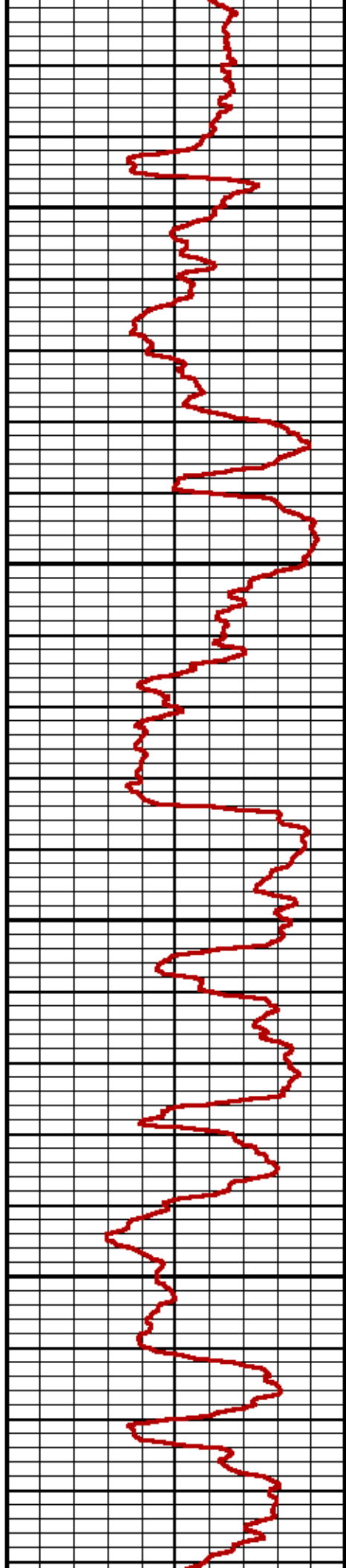
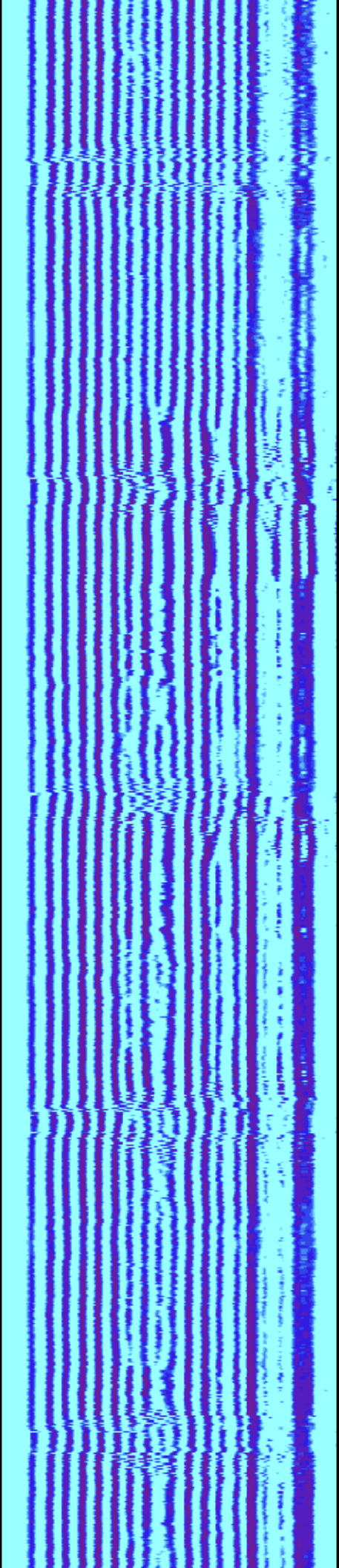
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**Plot Interval** : 0 - 7050 Feet

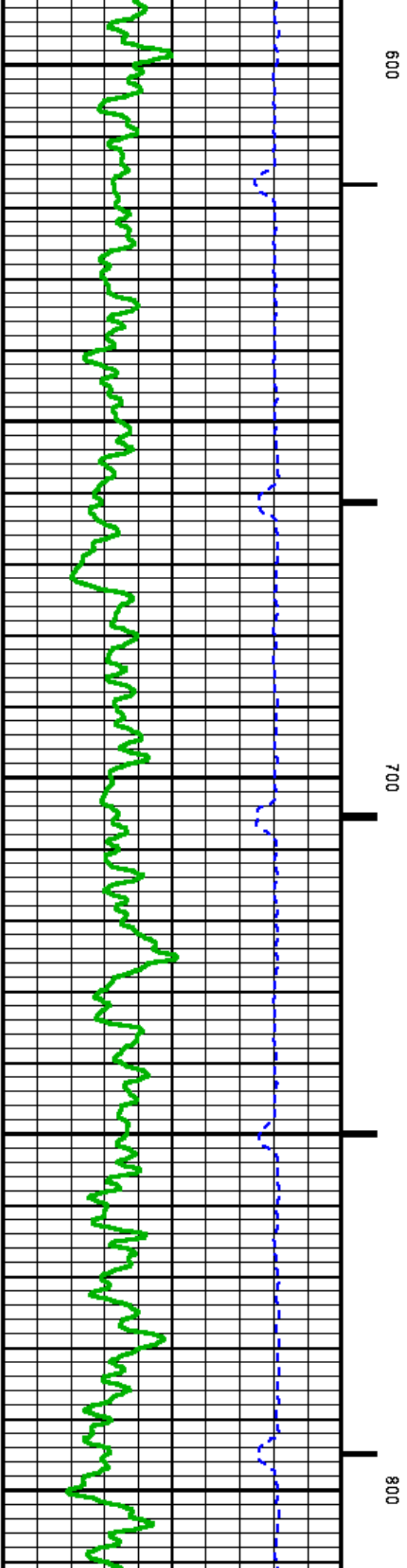
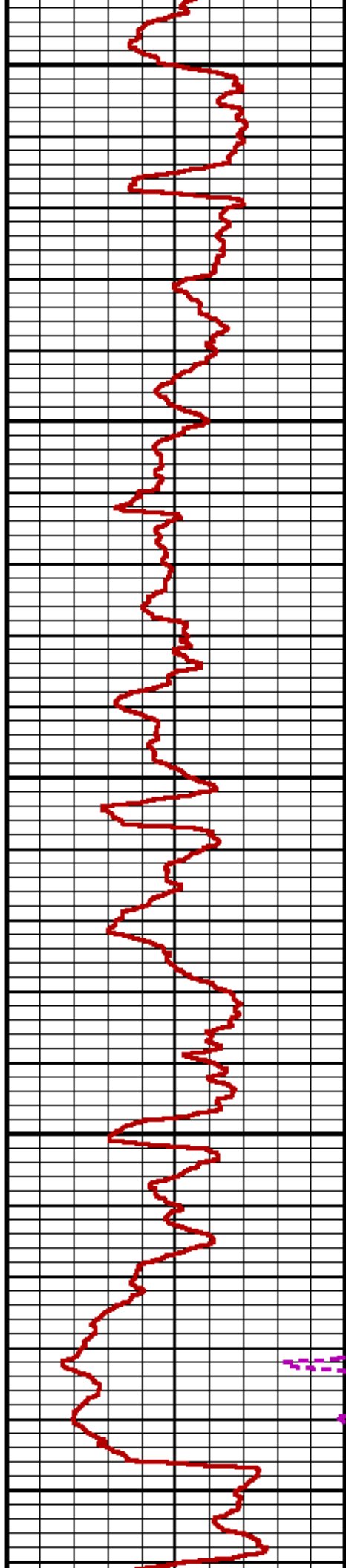
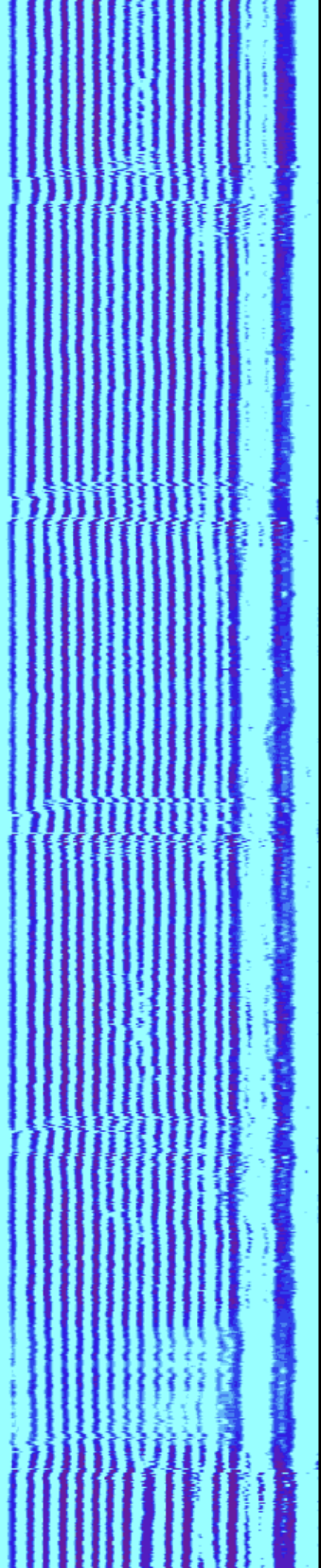
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**Created On** : May 14 10:27:11 2014  
**Company** : WPX ENERGY INC  
**Well** : C&C ENERGY GM 522-13  
**Field** : GRAND VALLEY  
**File Interval** : 14.25 - 7042 Feet  
**OCT** : n012e

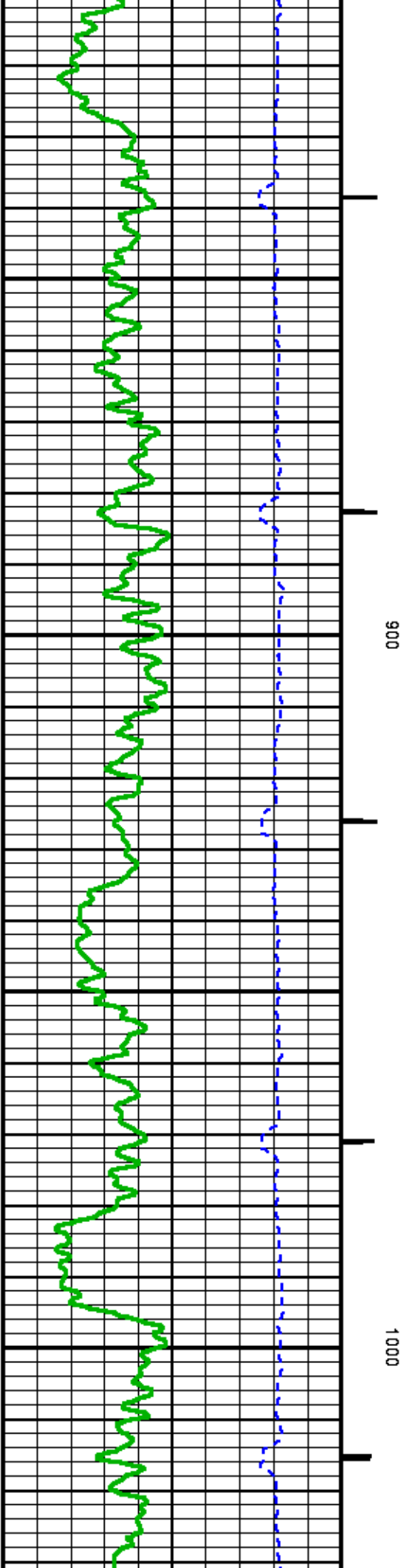
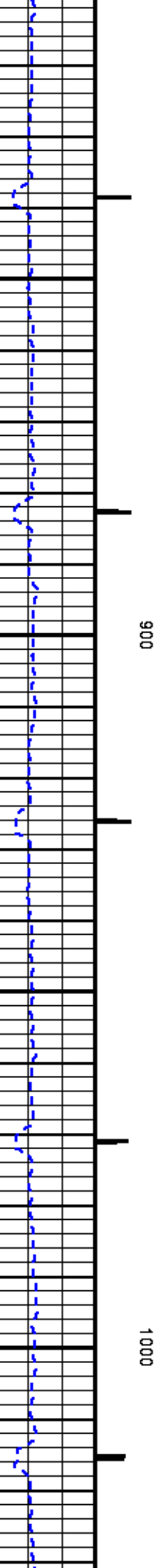
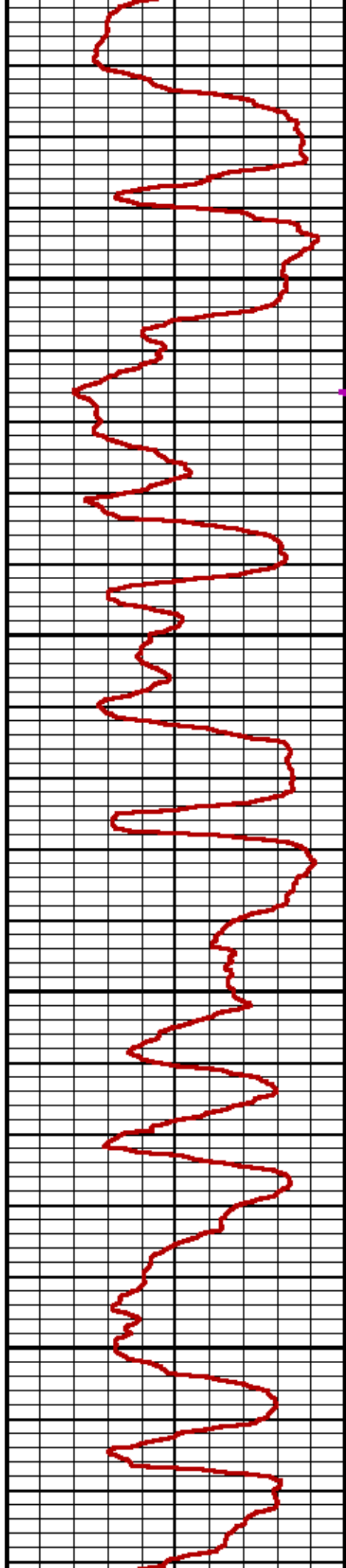
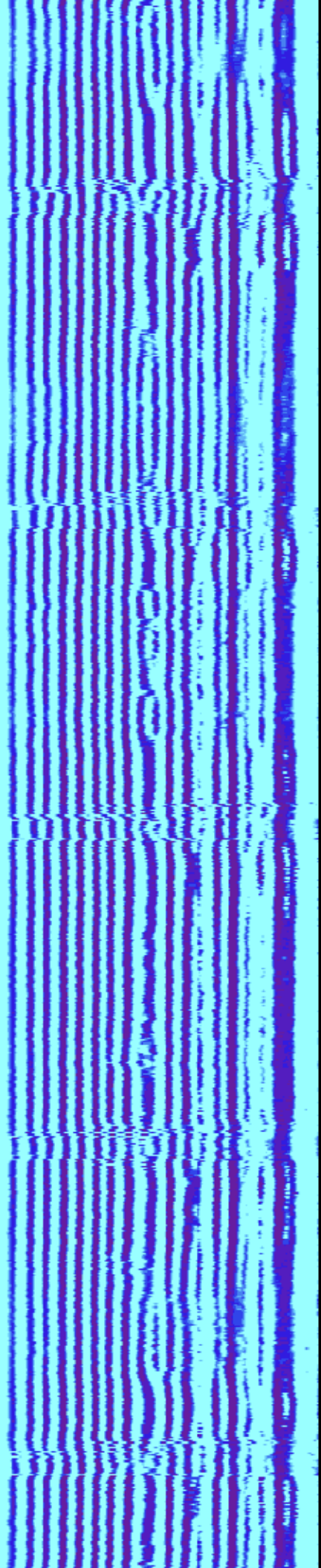




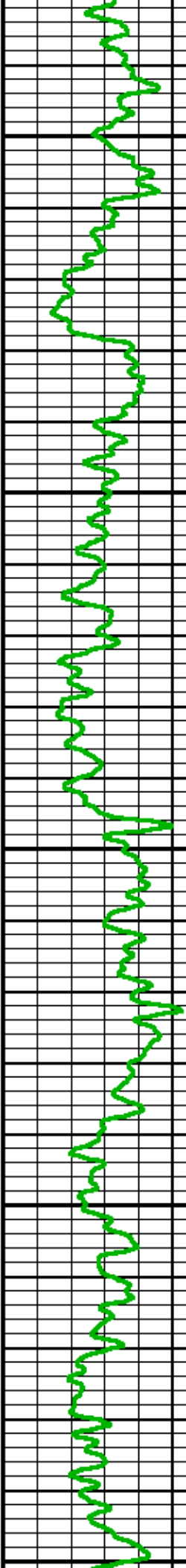
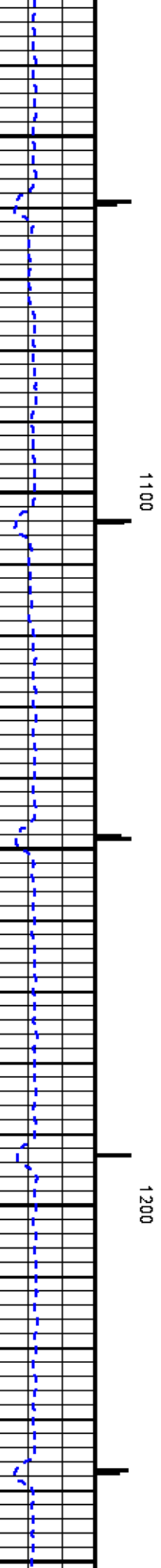
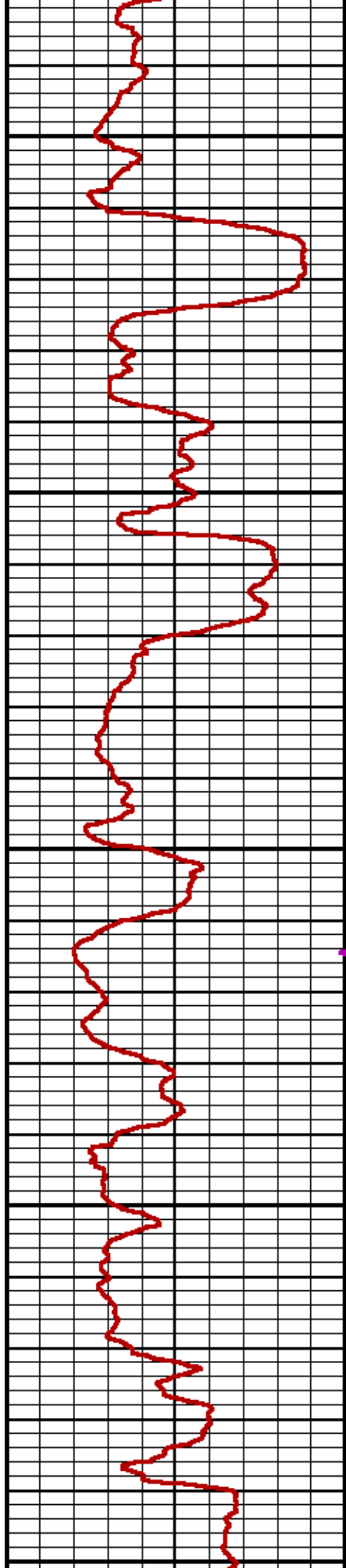
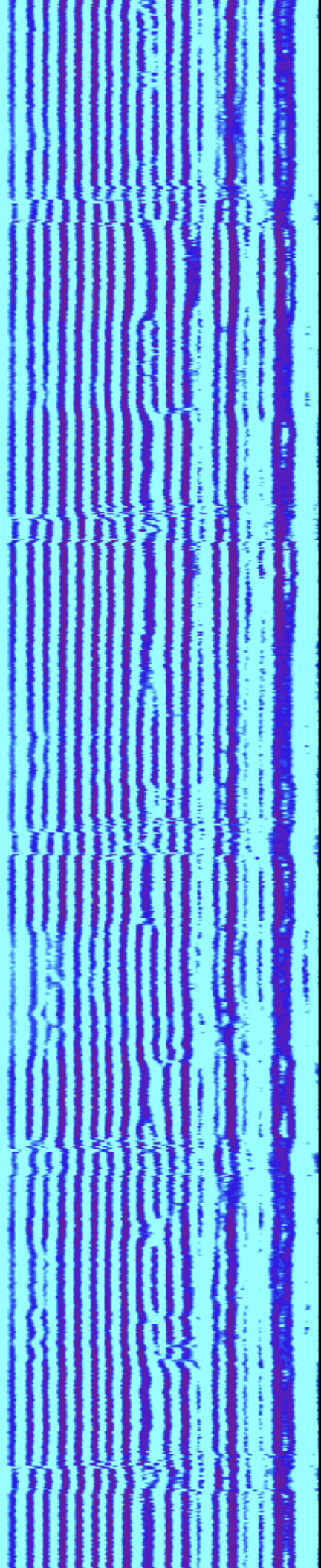




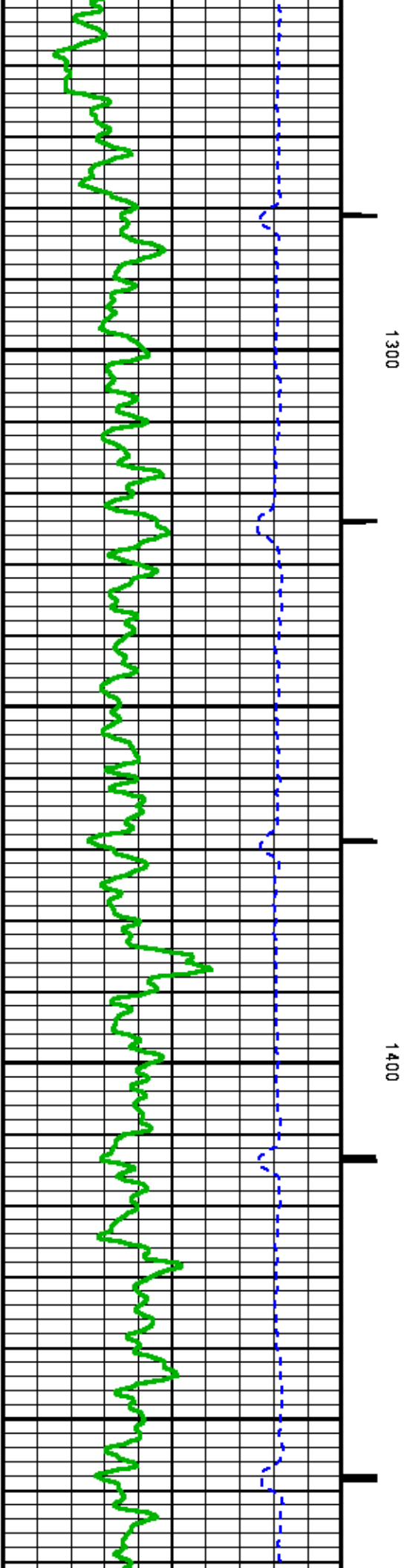
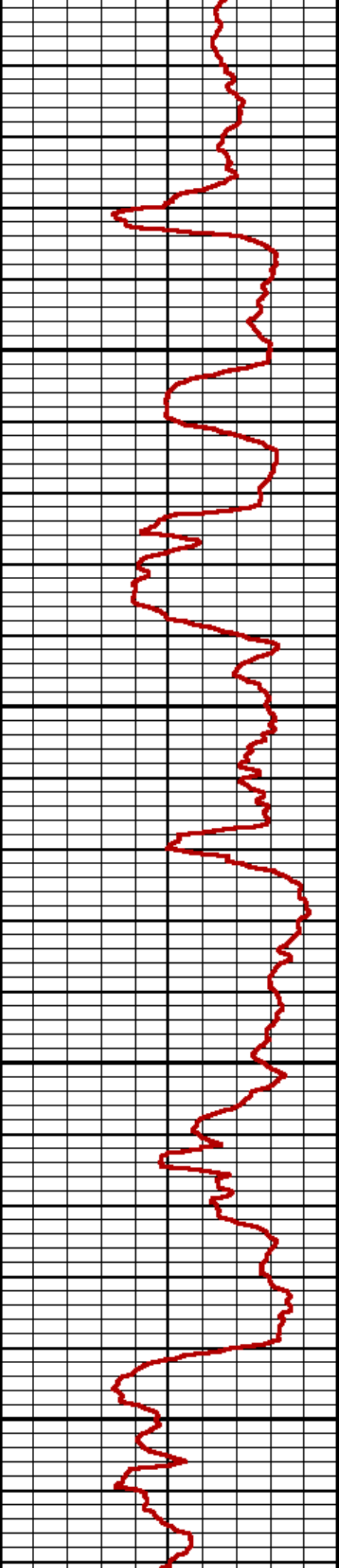
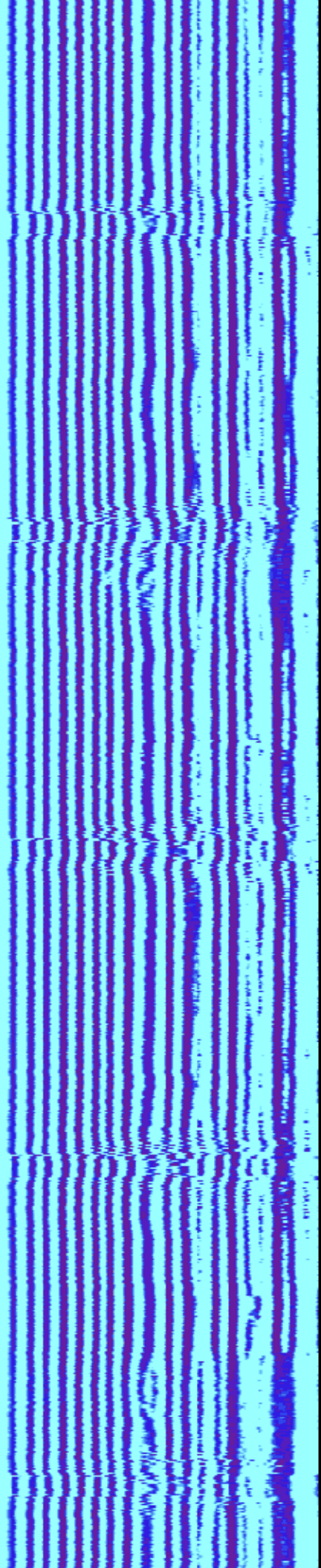


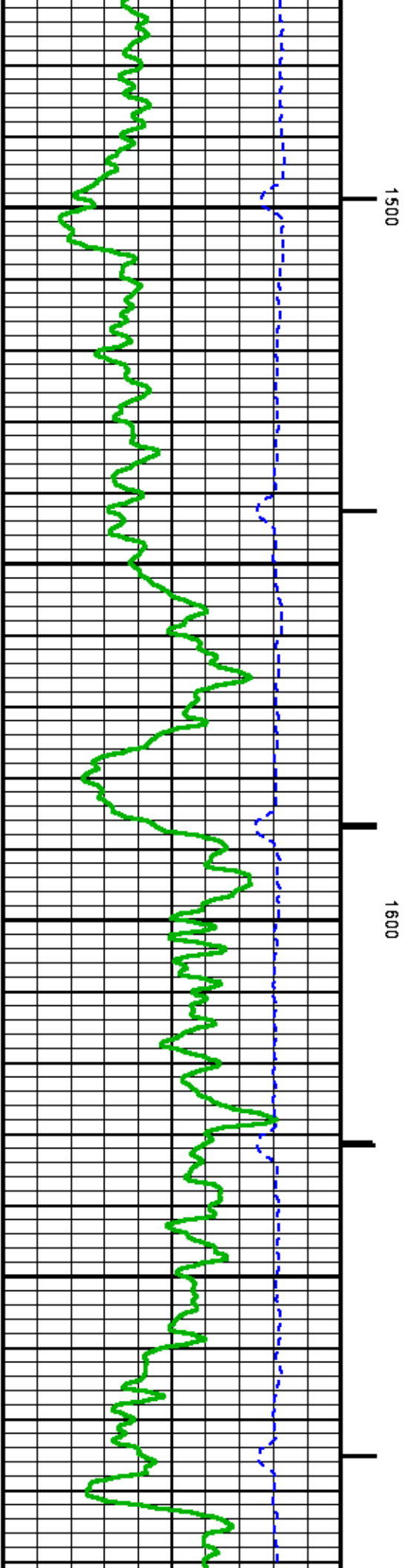
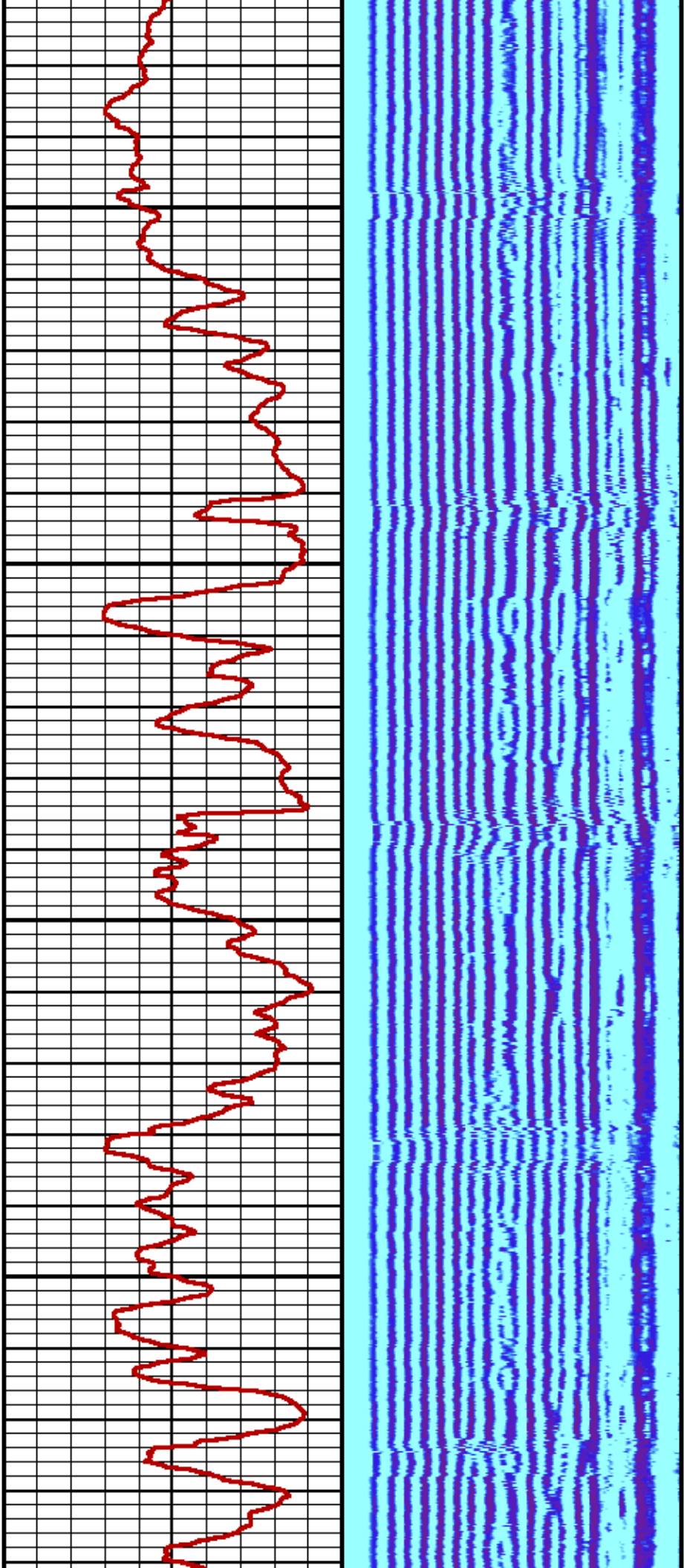


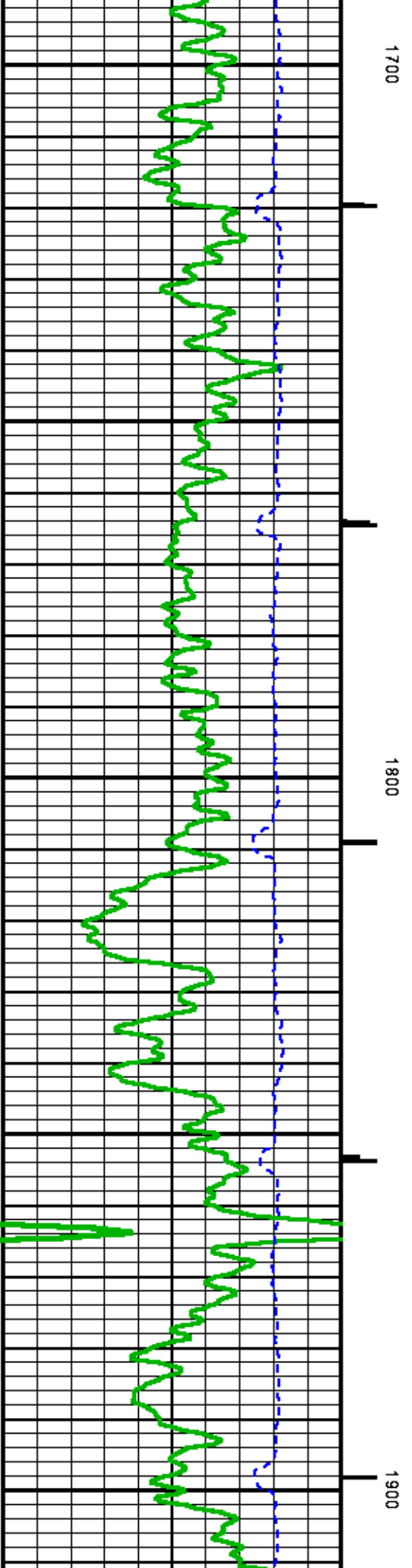
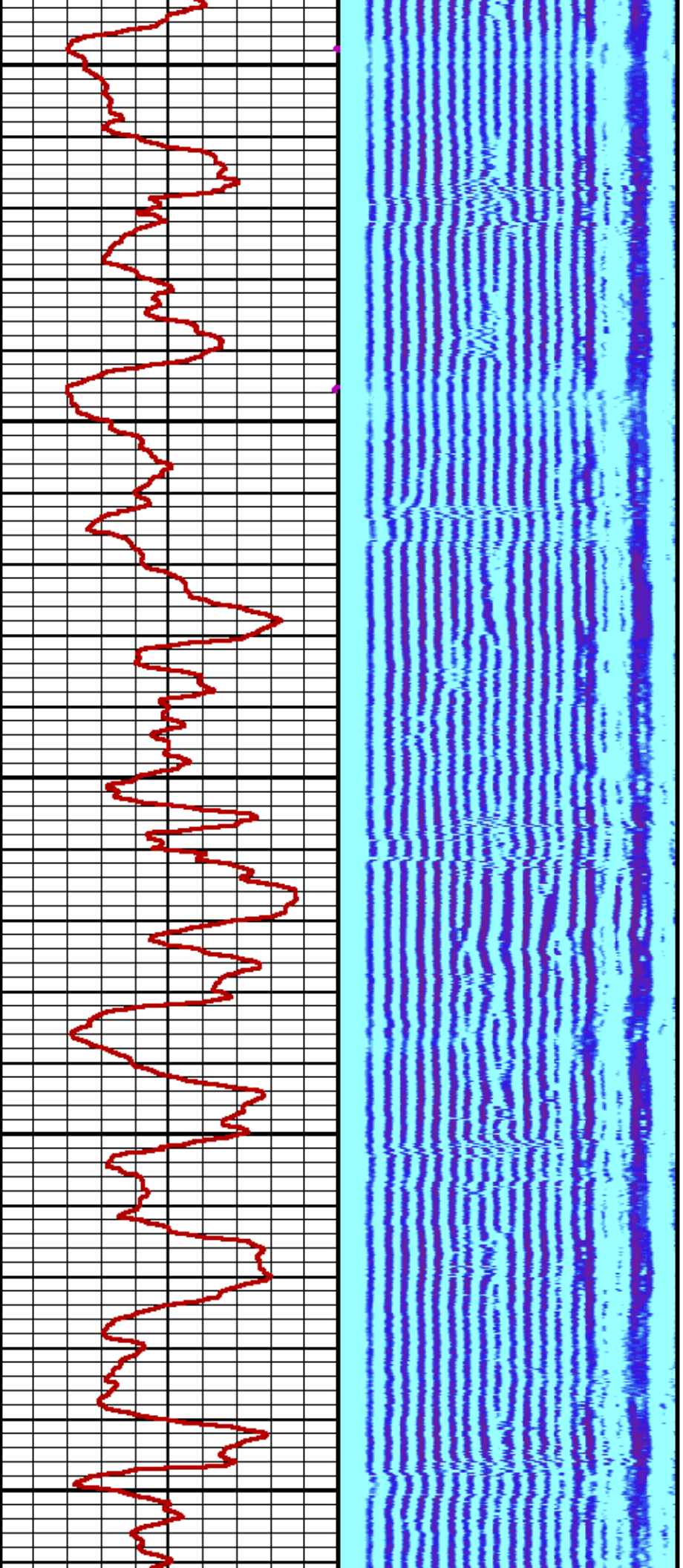




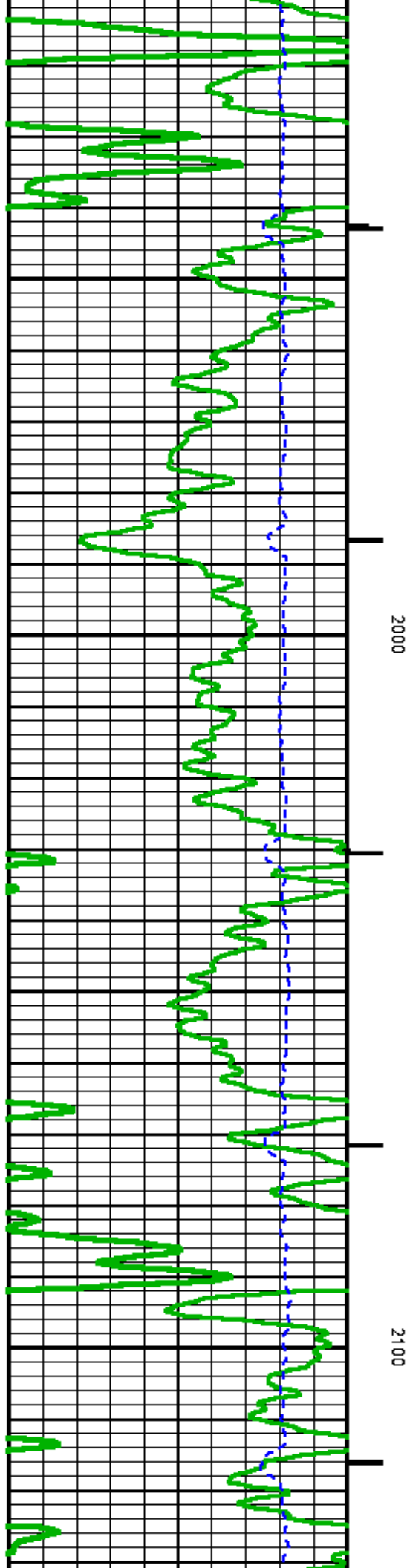
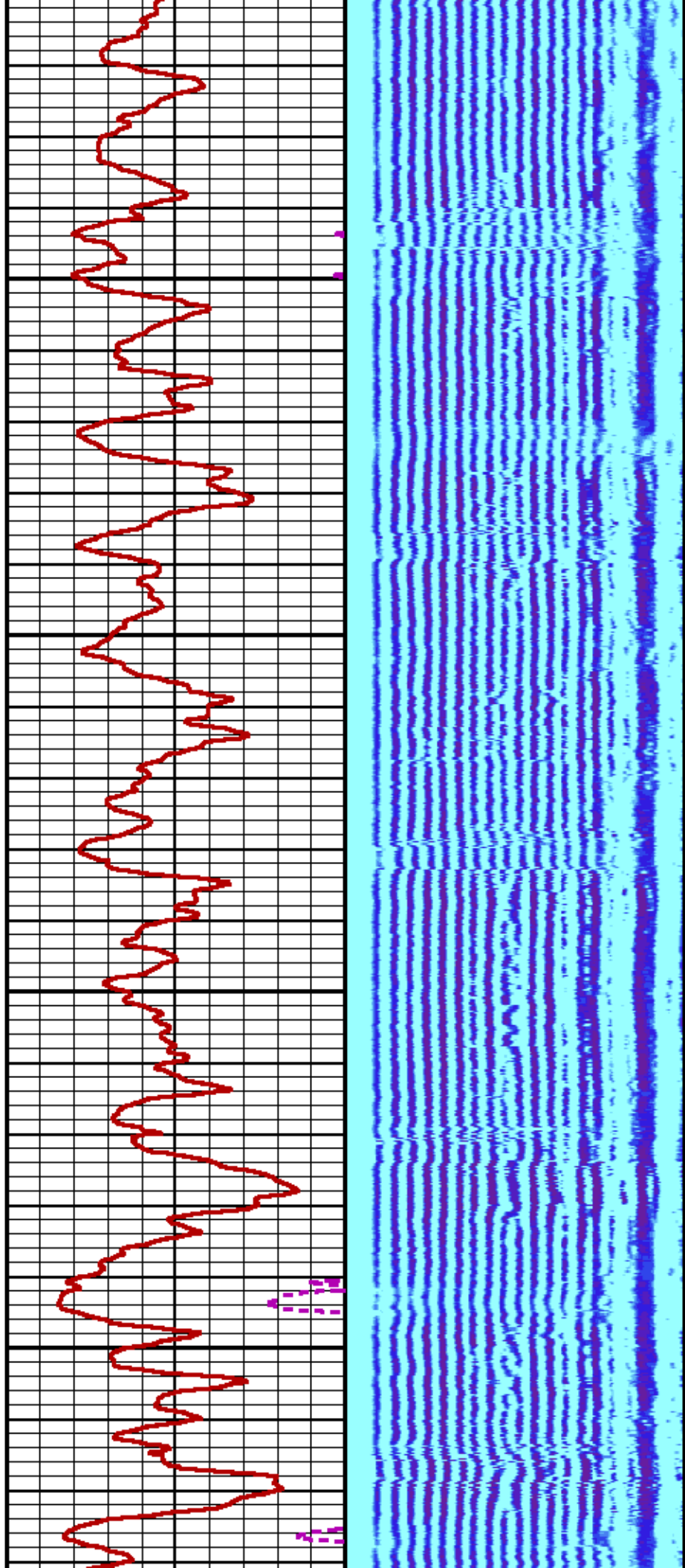




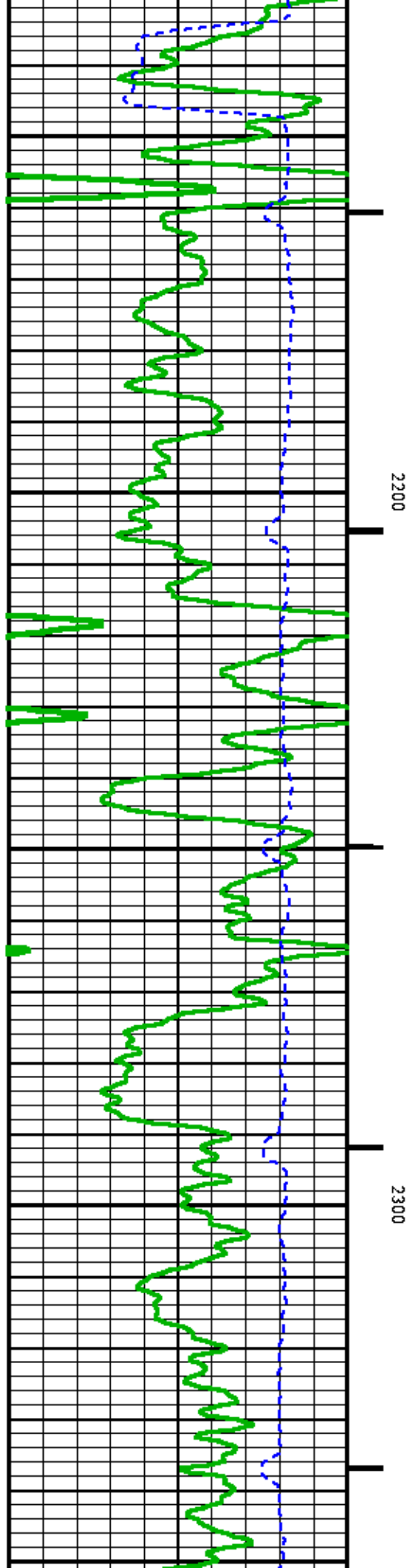
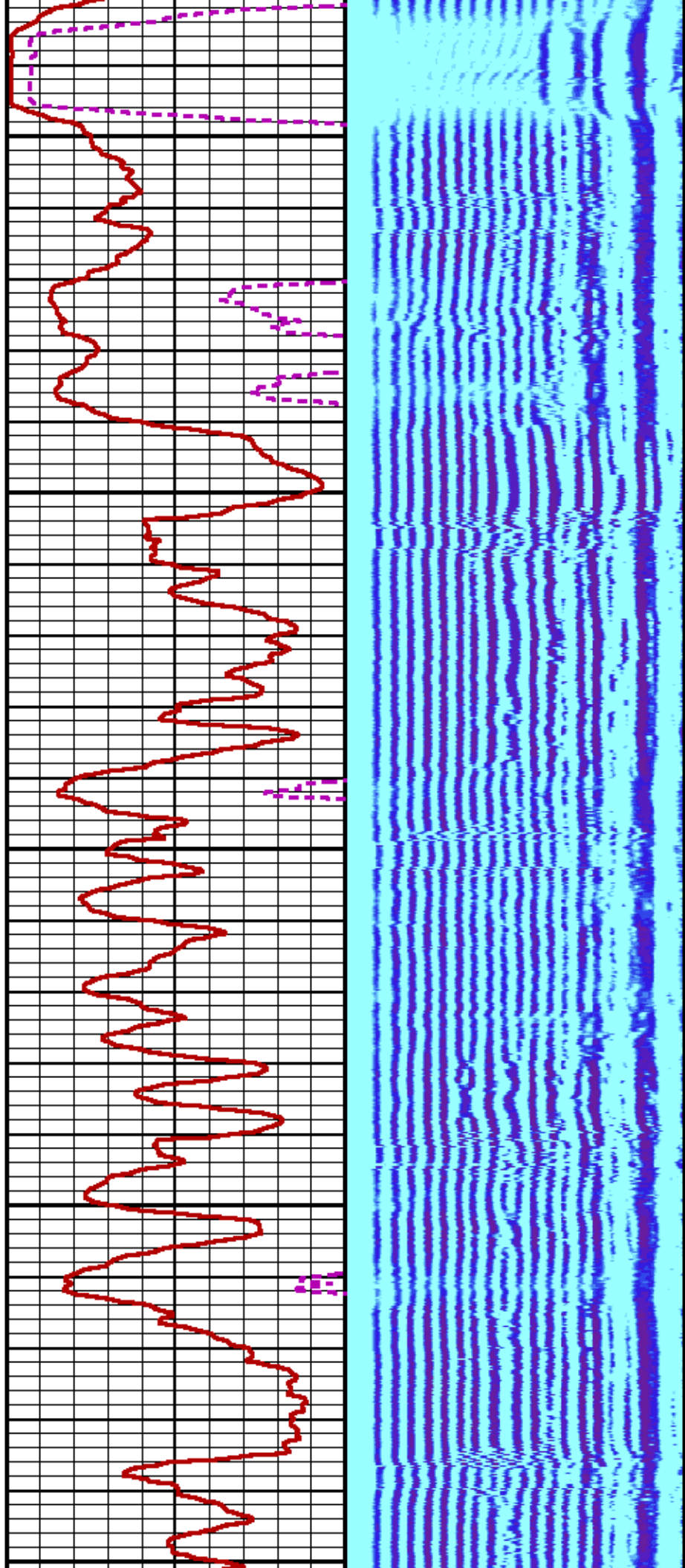


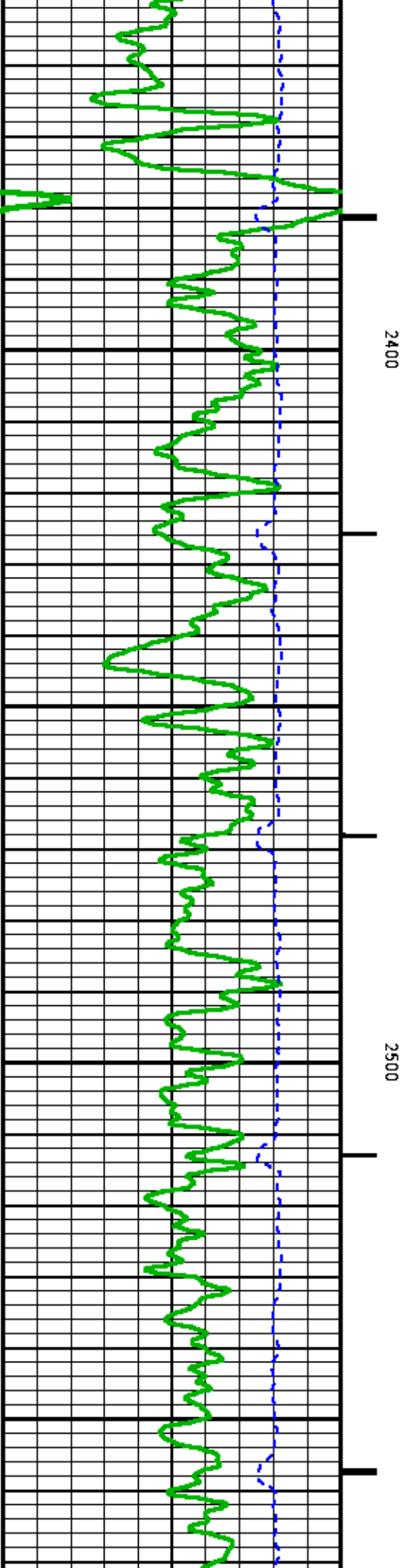
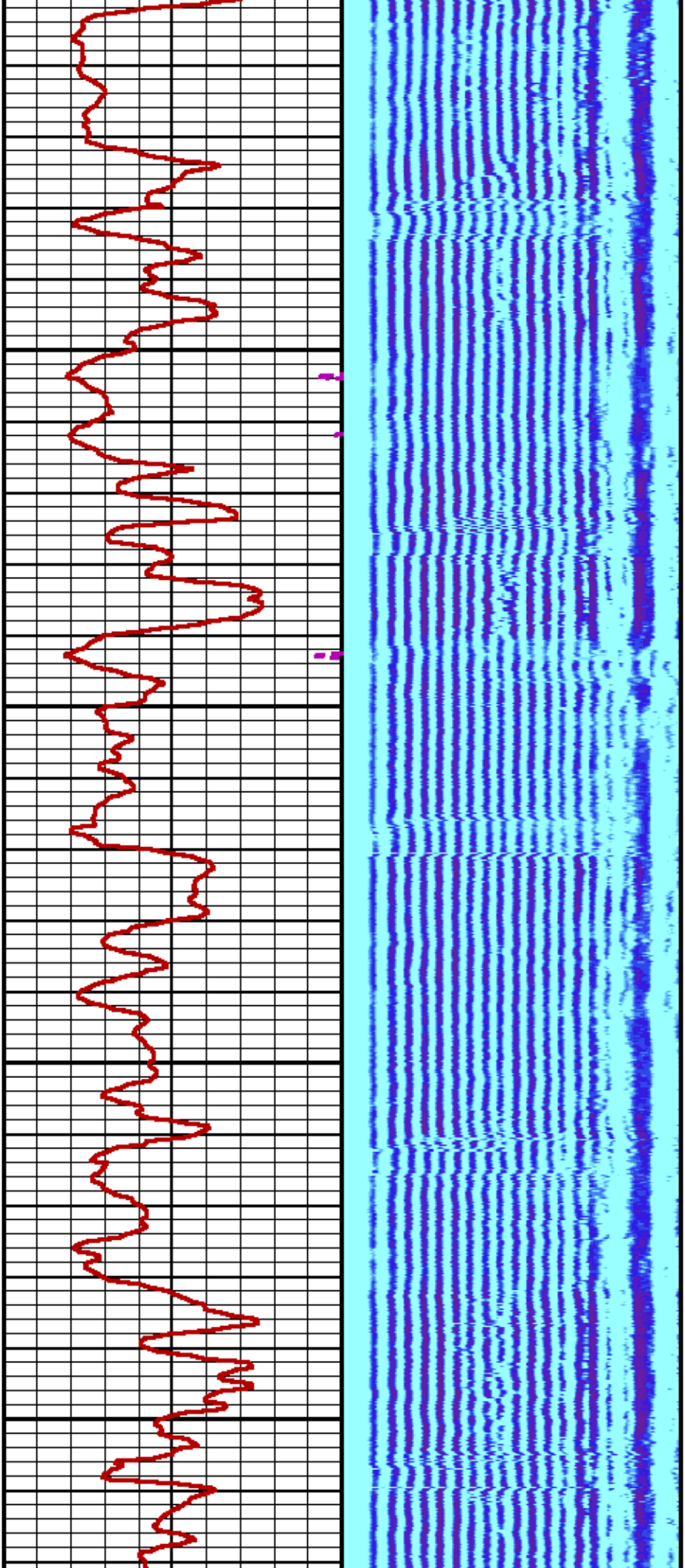


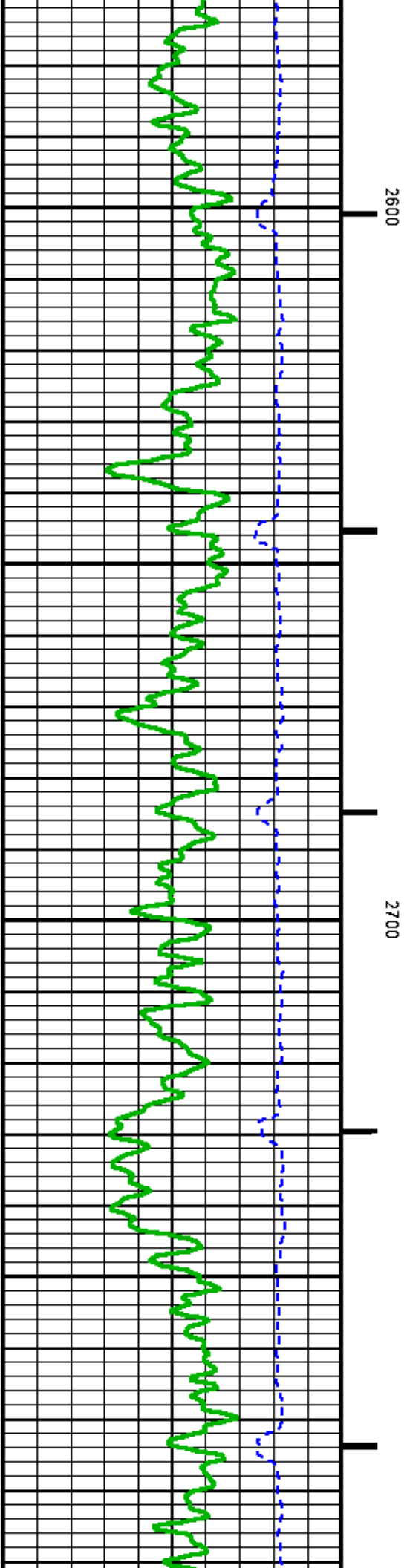
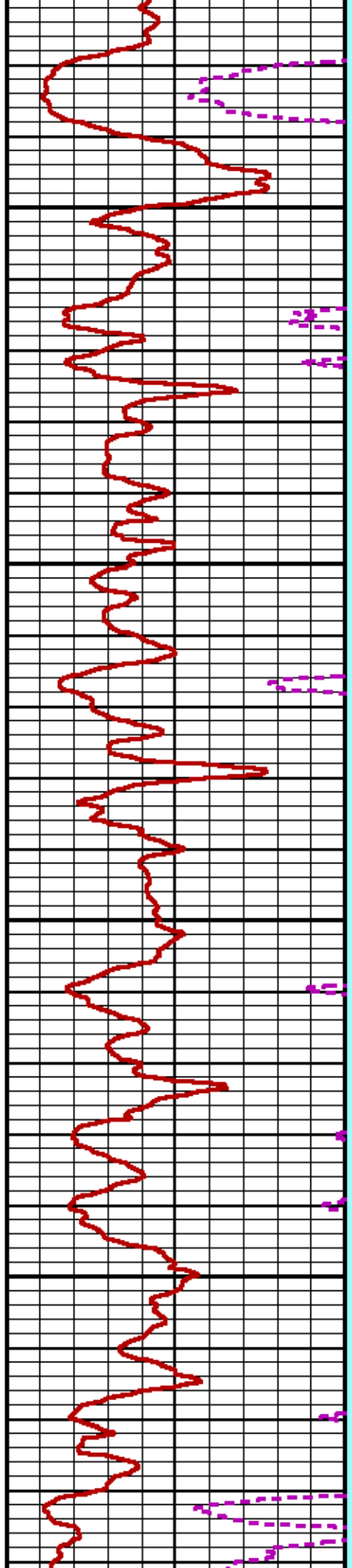
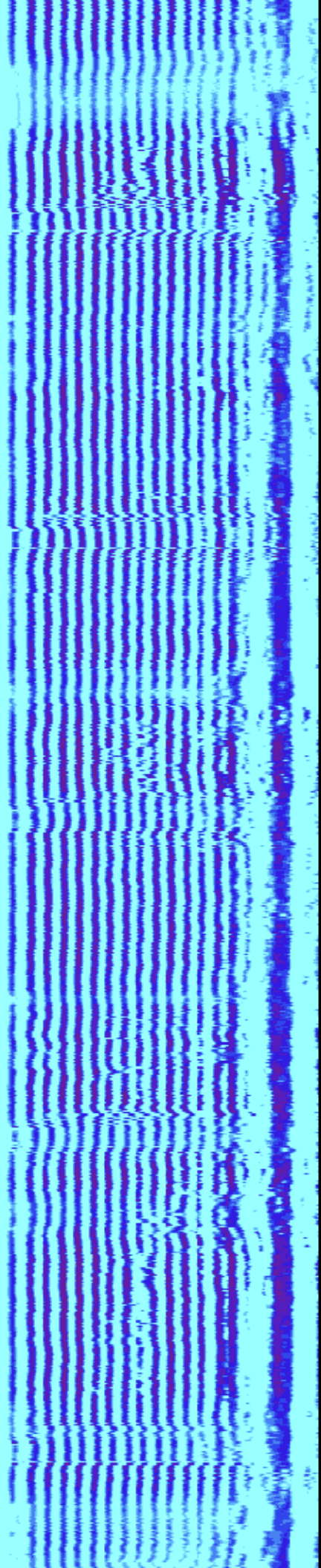




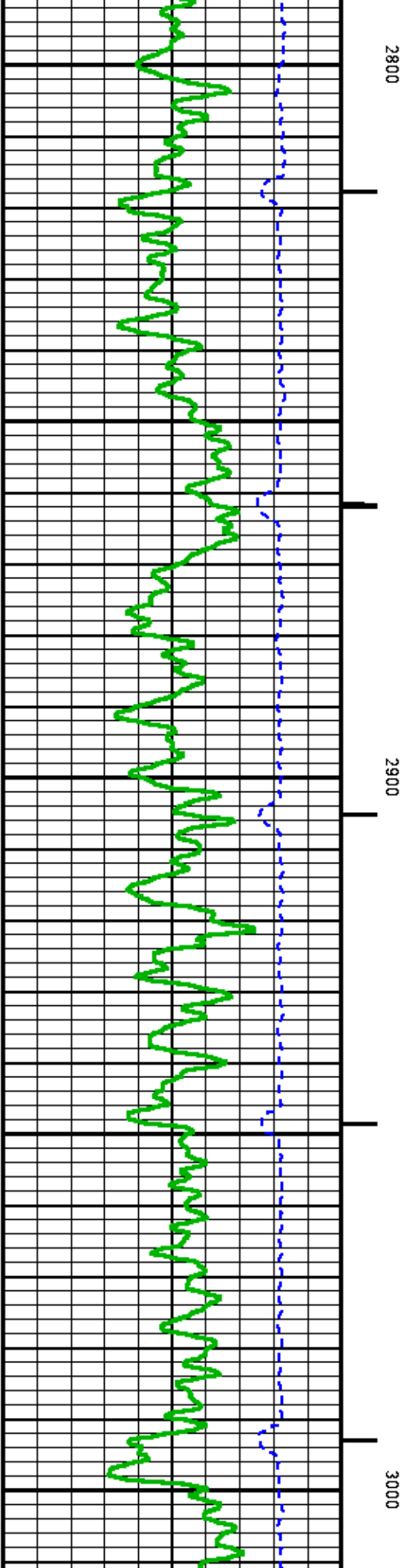
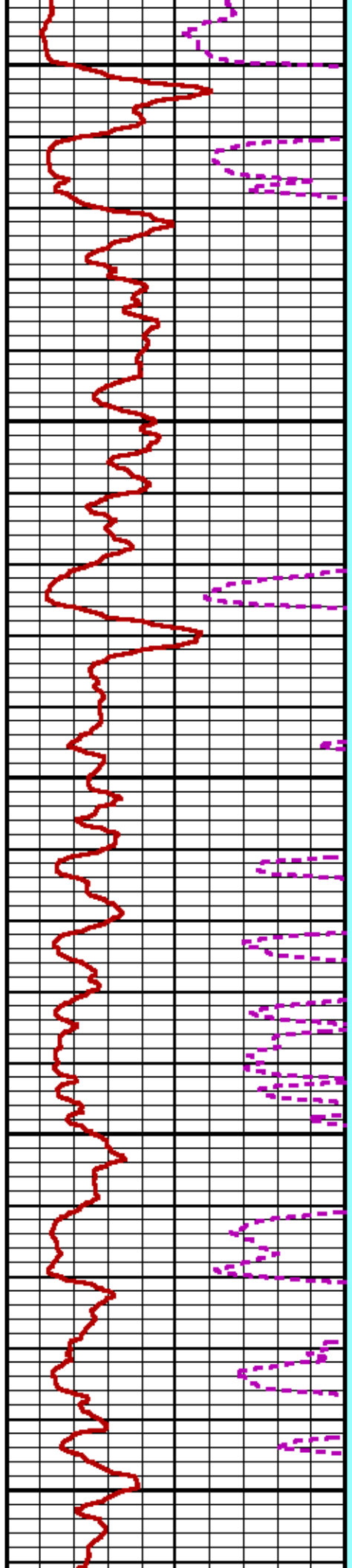
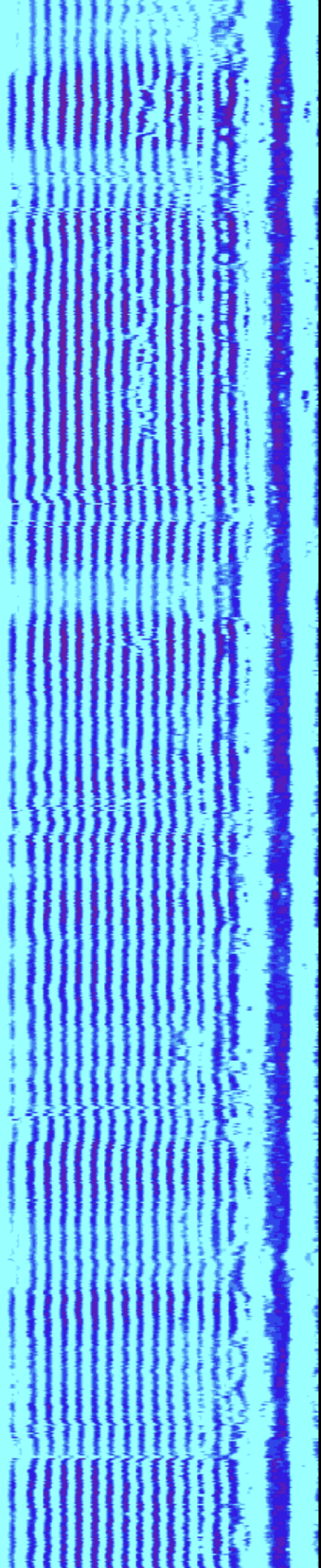




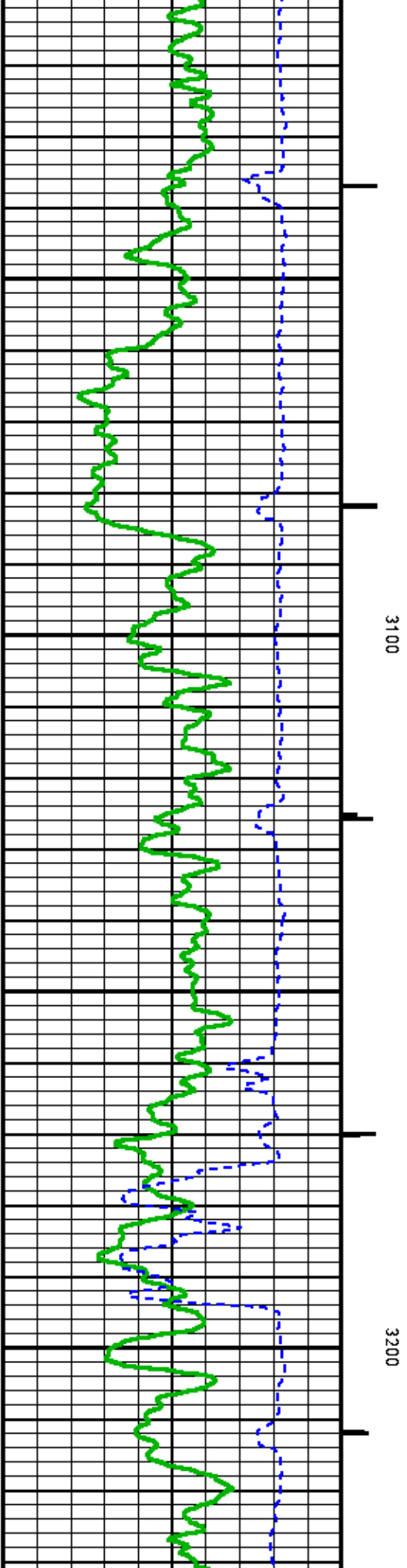
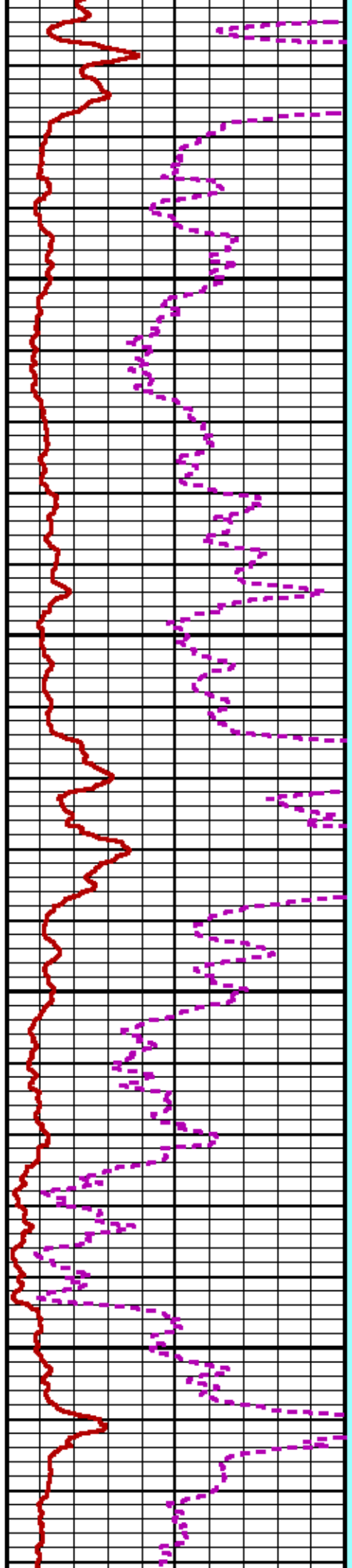
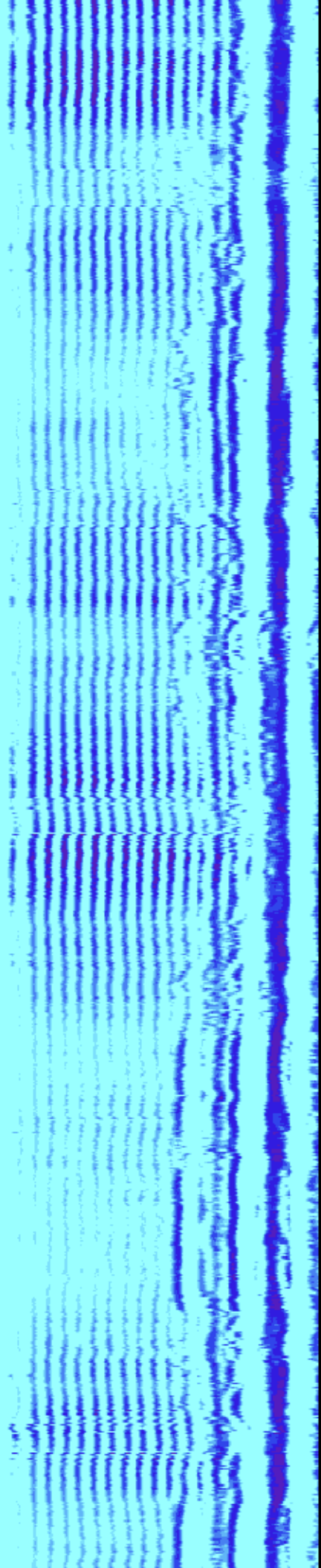


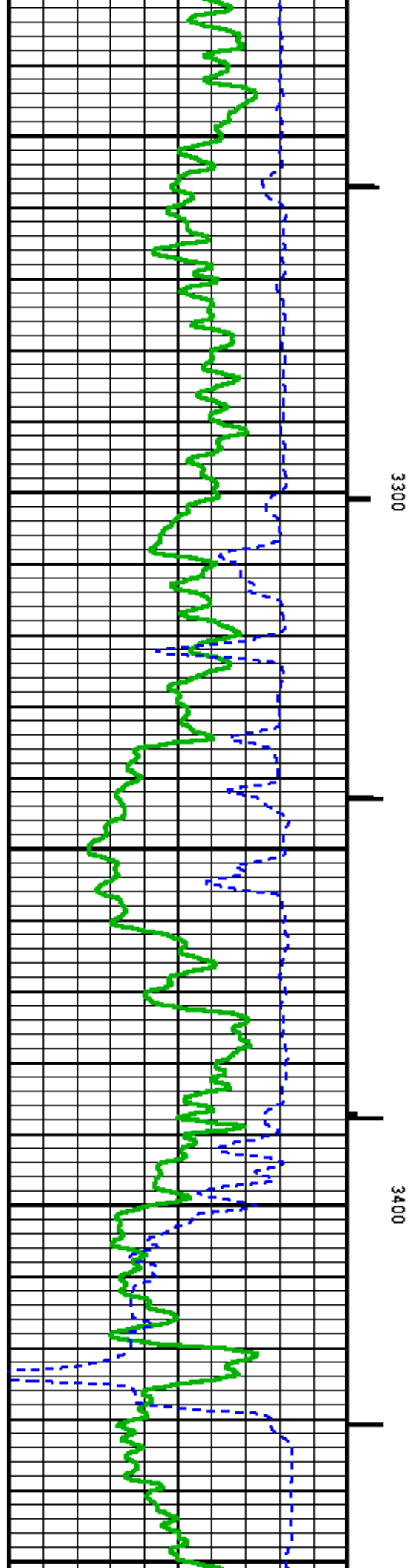
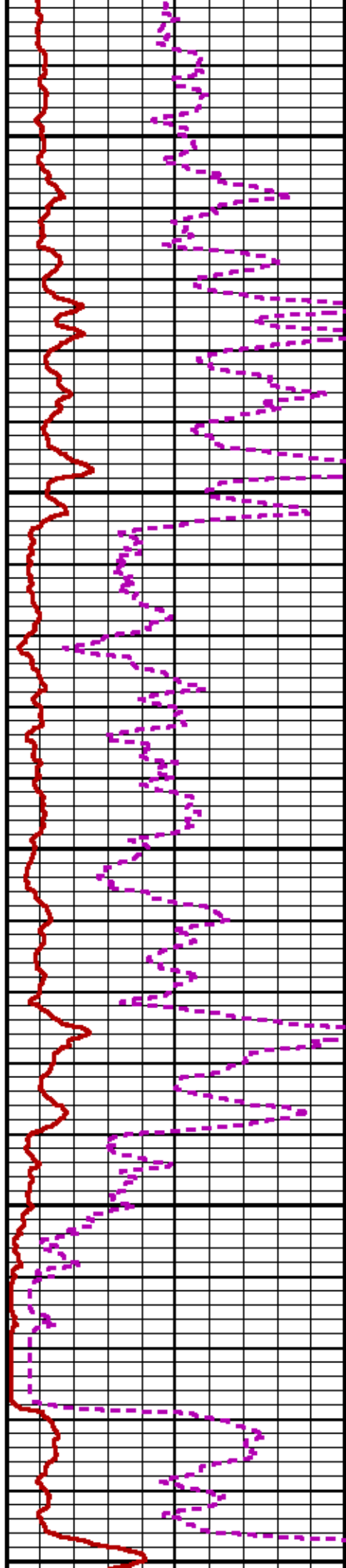
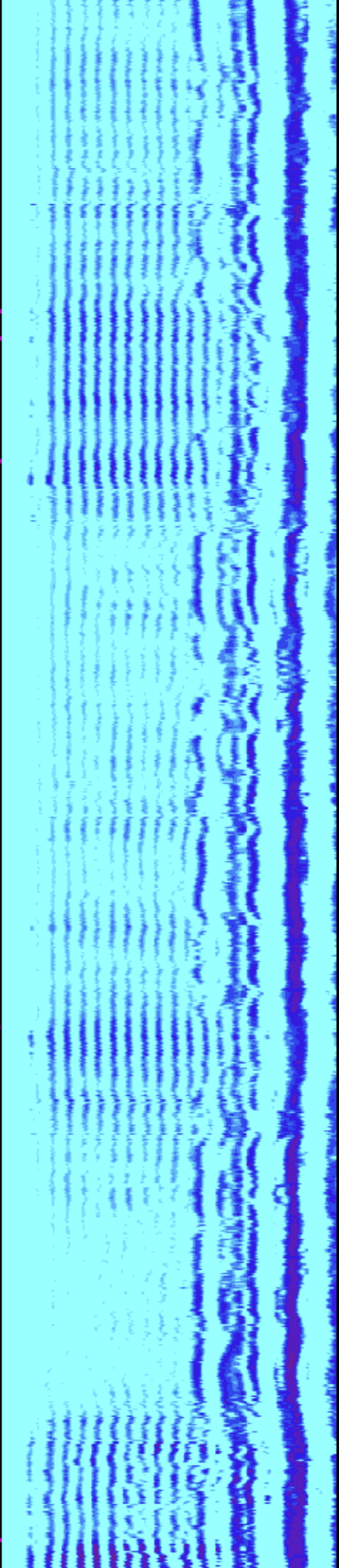


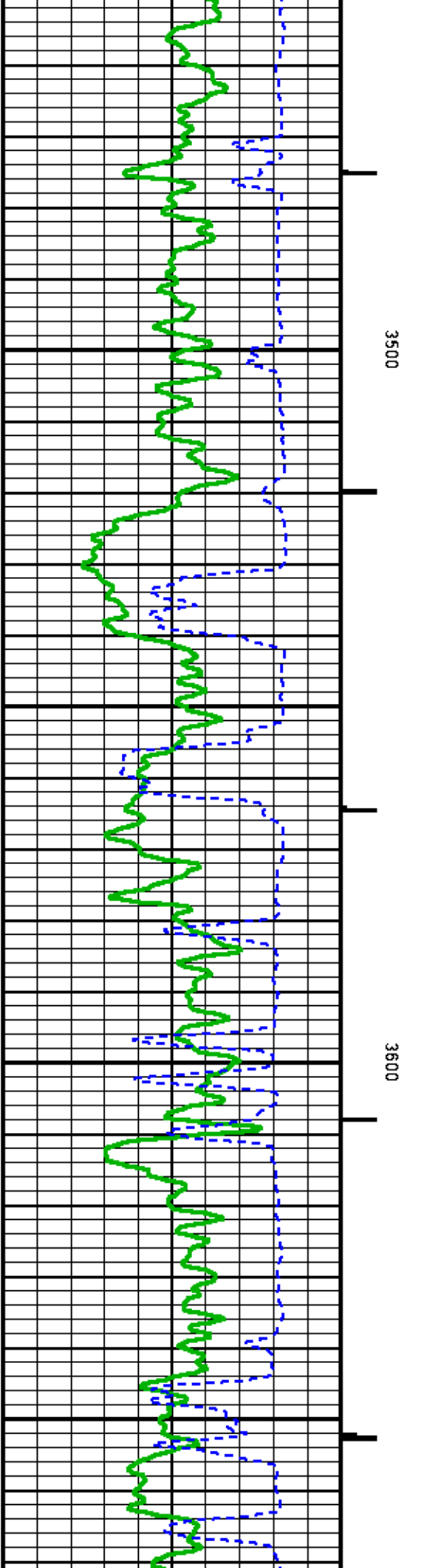
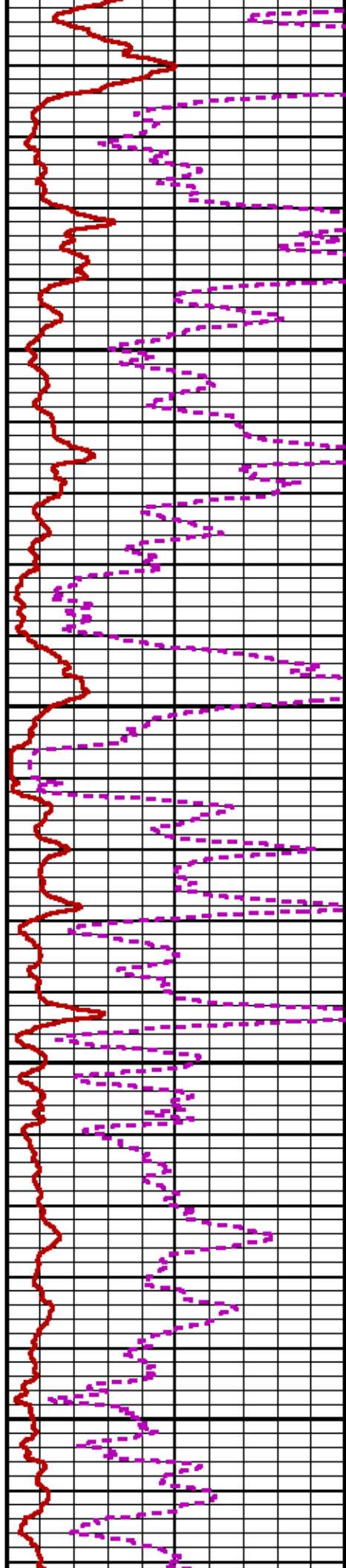
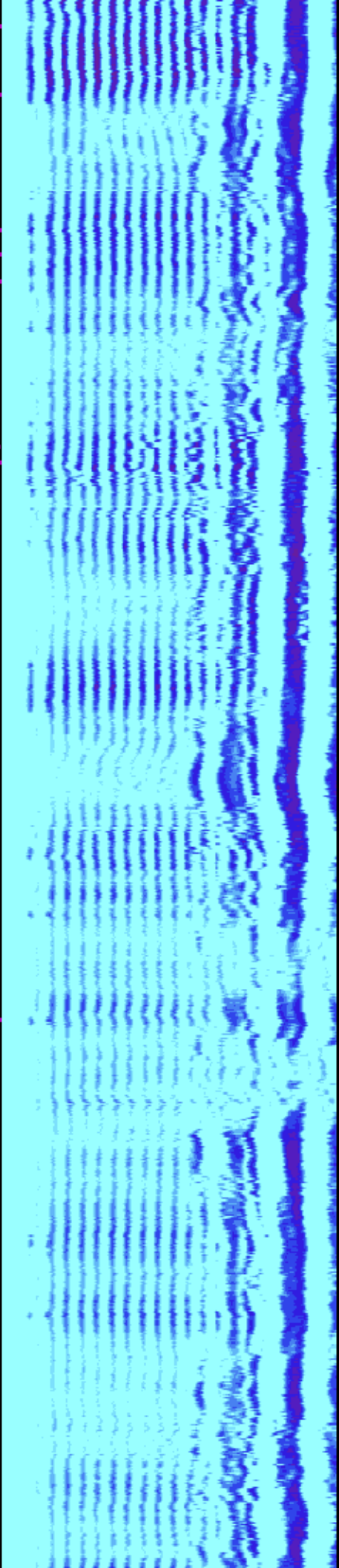




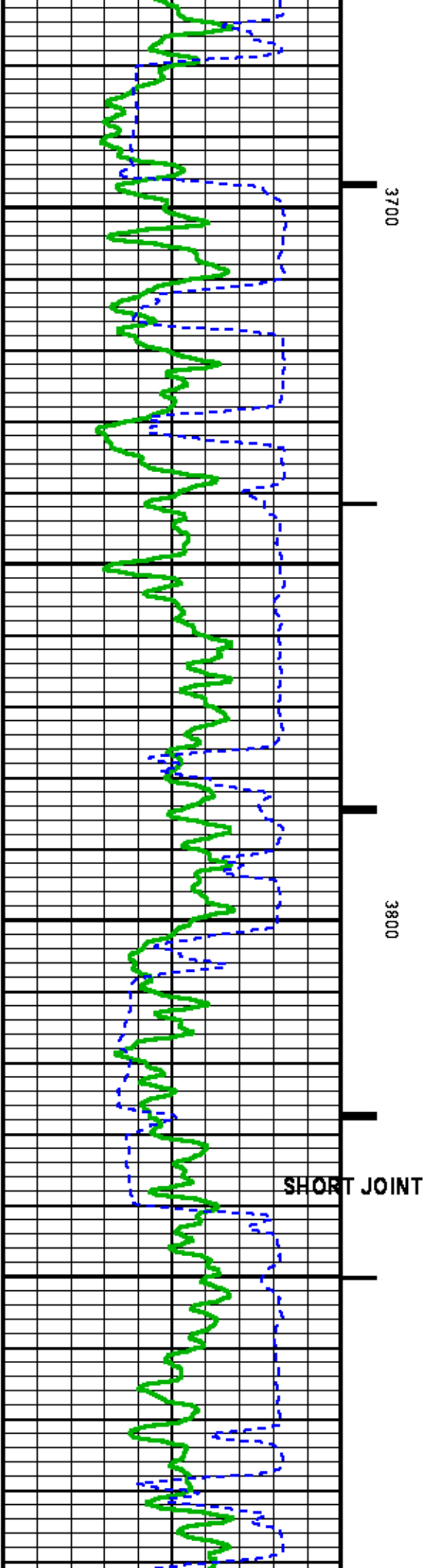
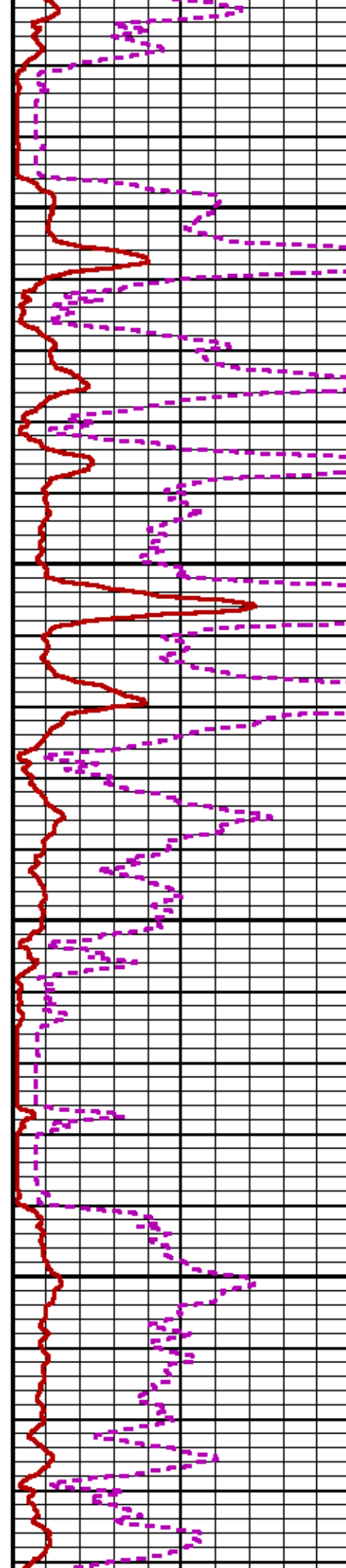
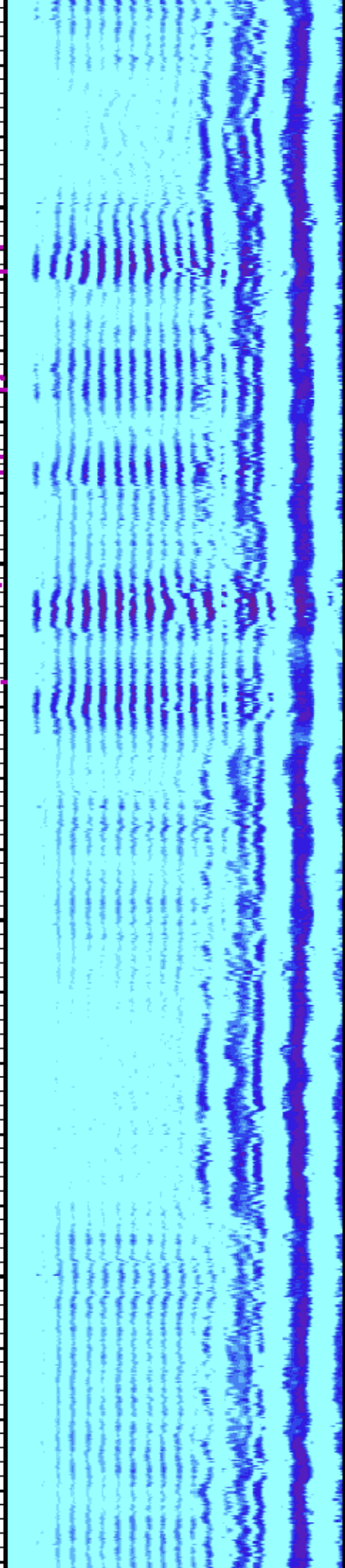




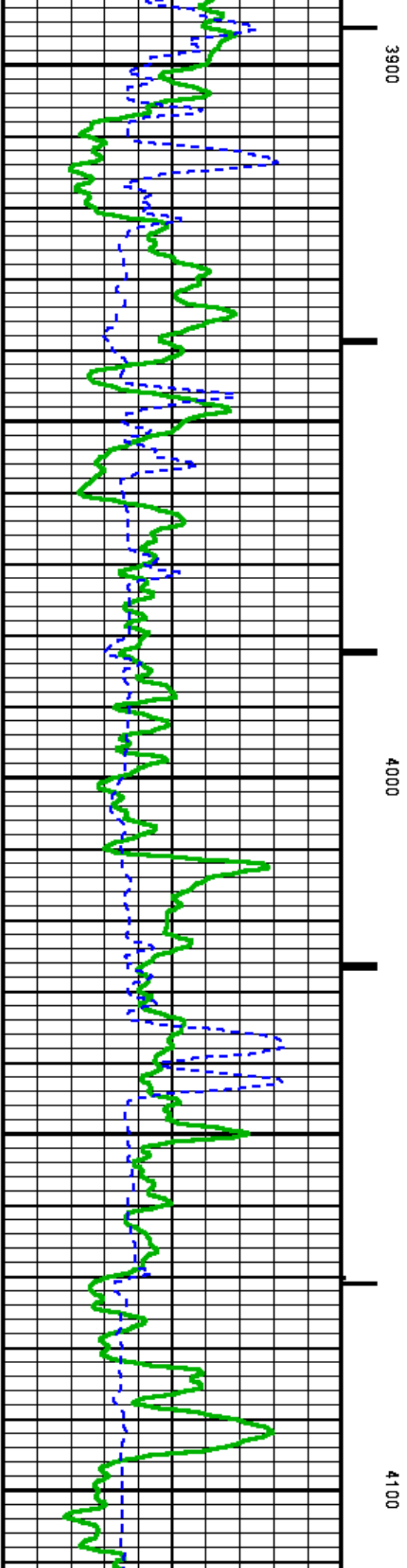
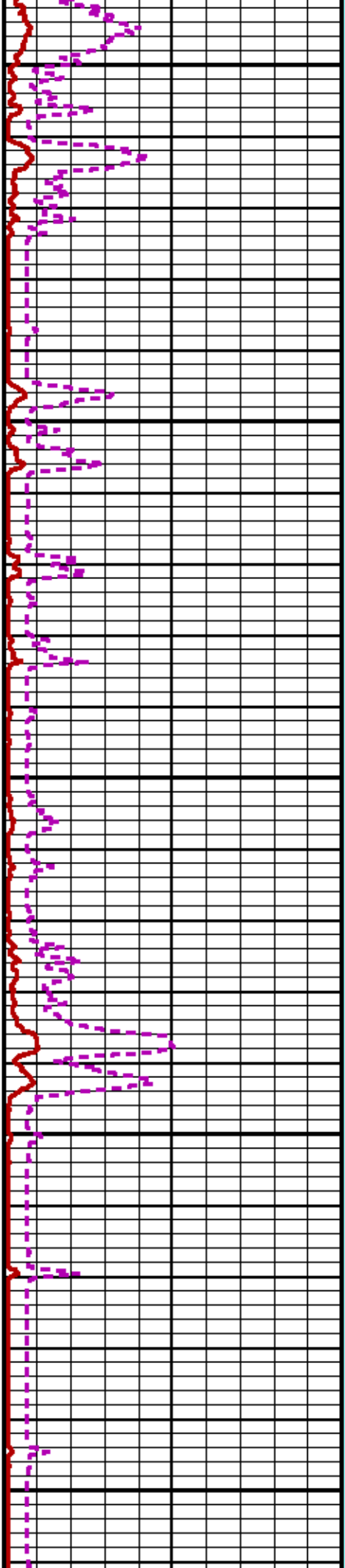
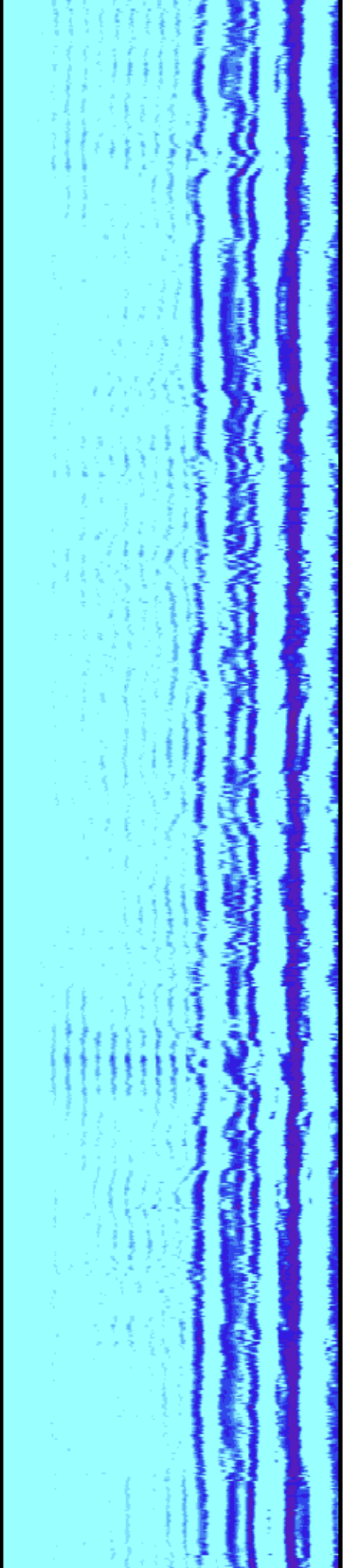


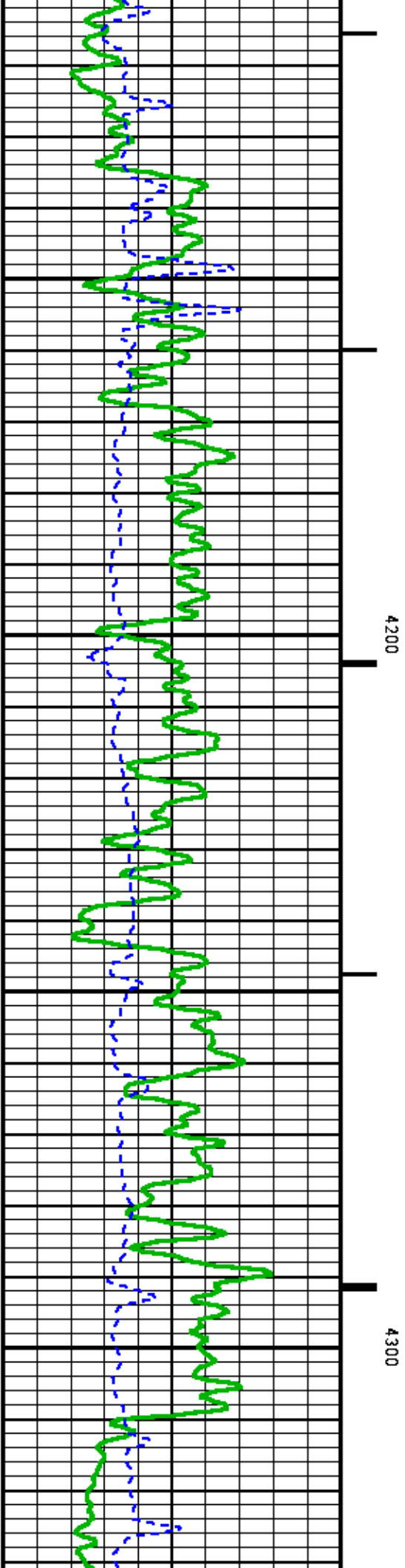
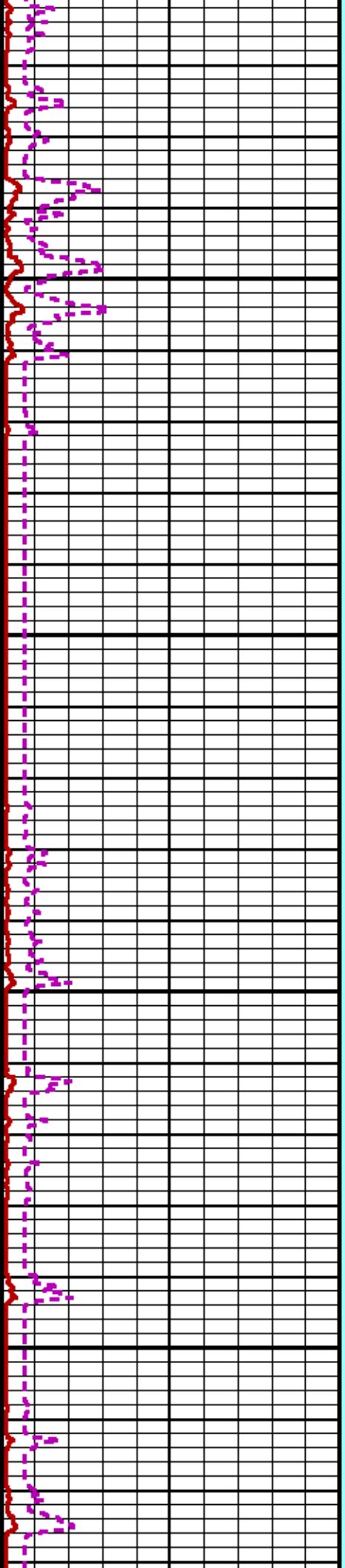
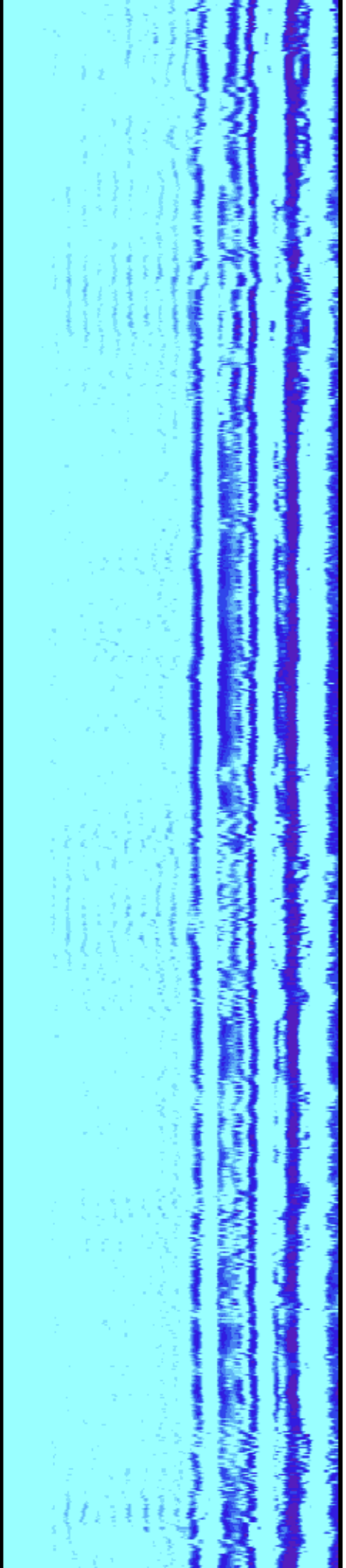


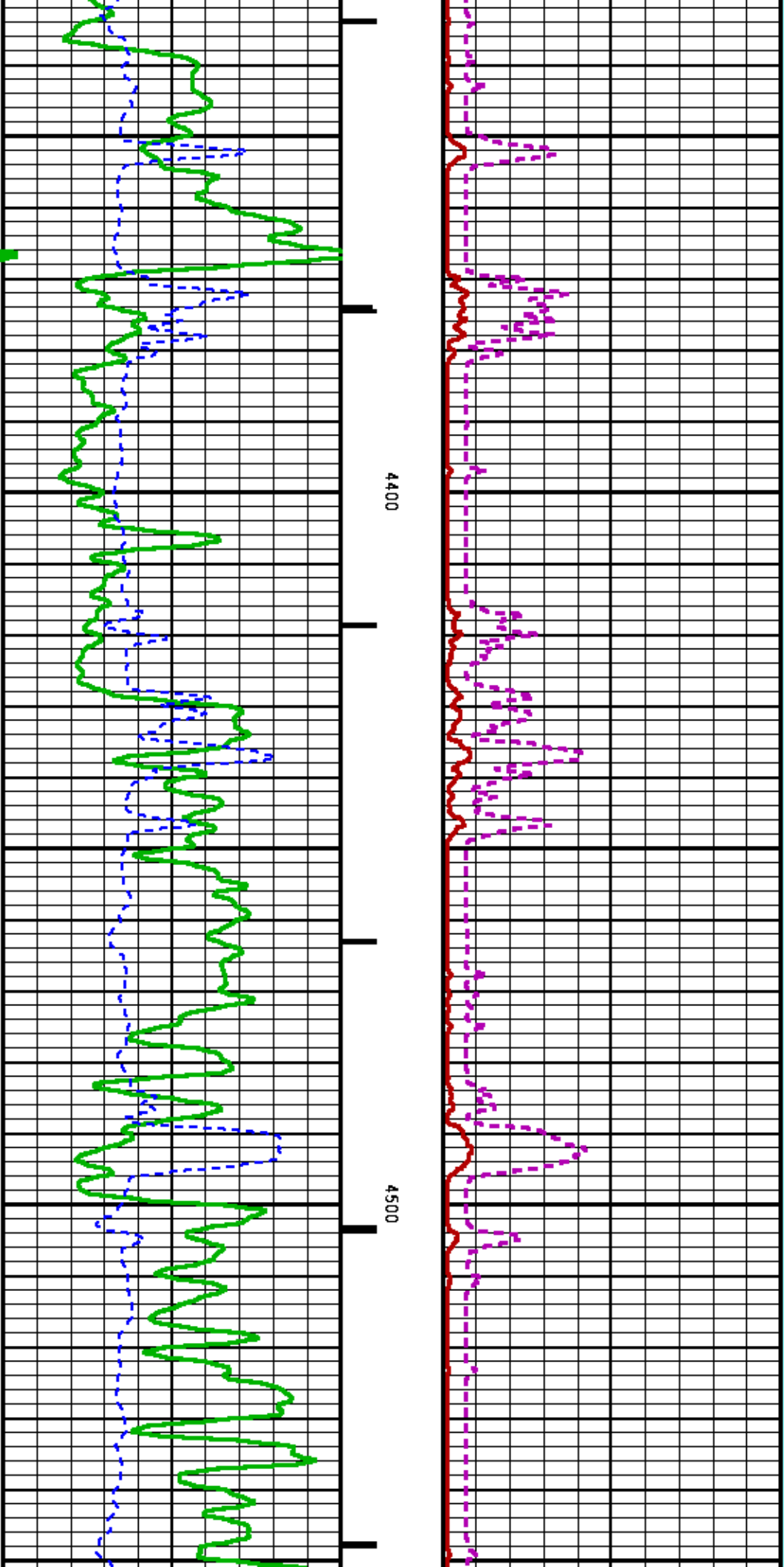
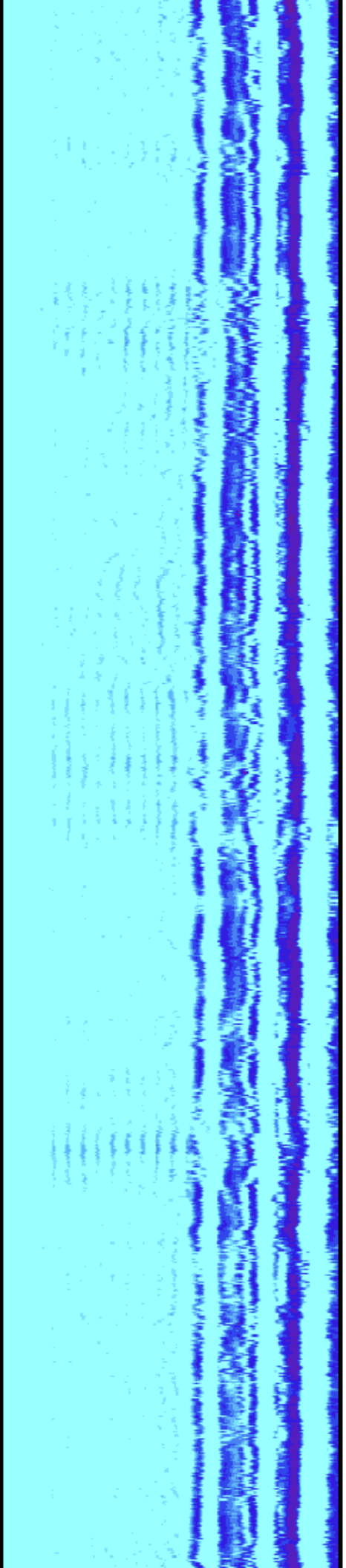


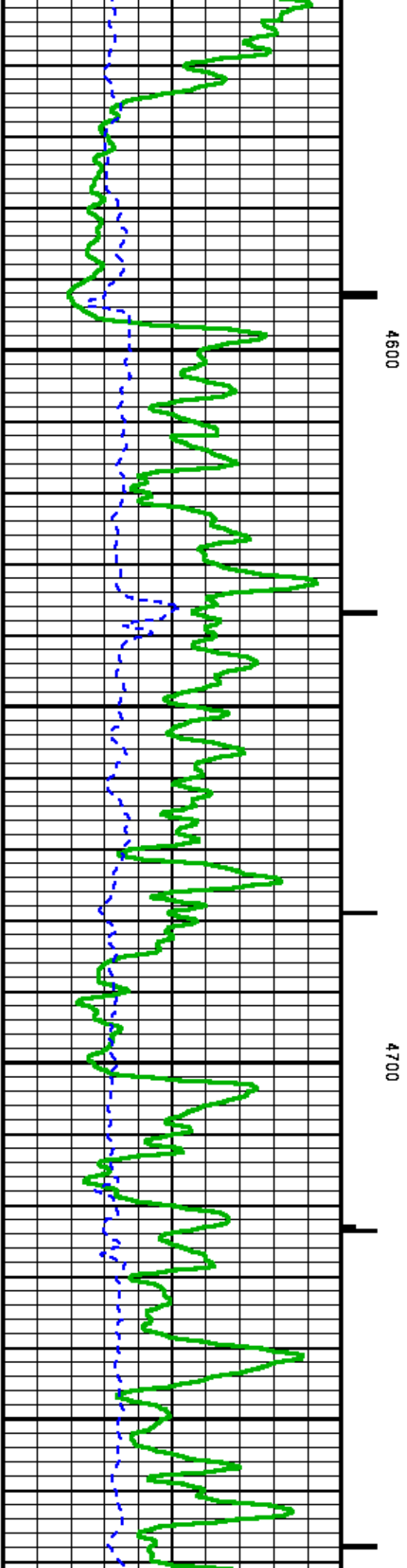
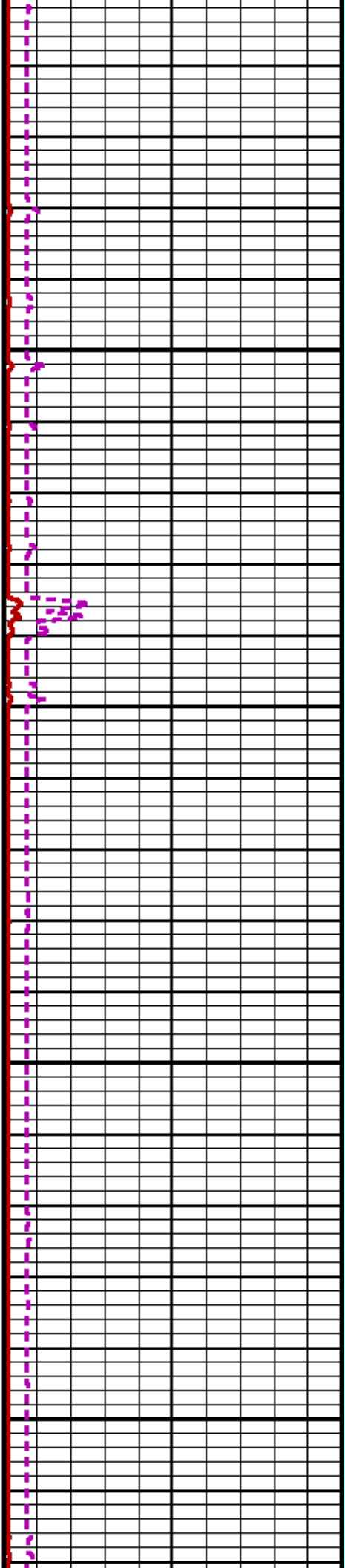
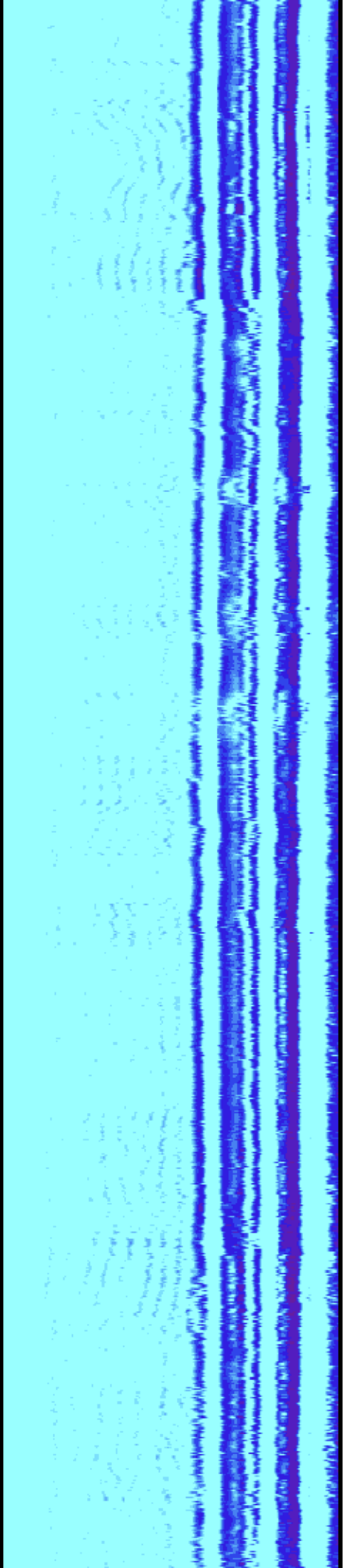




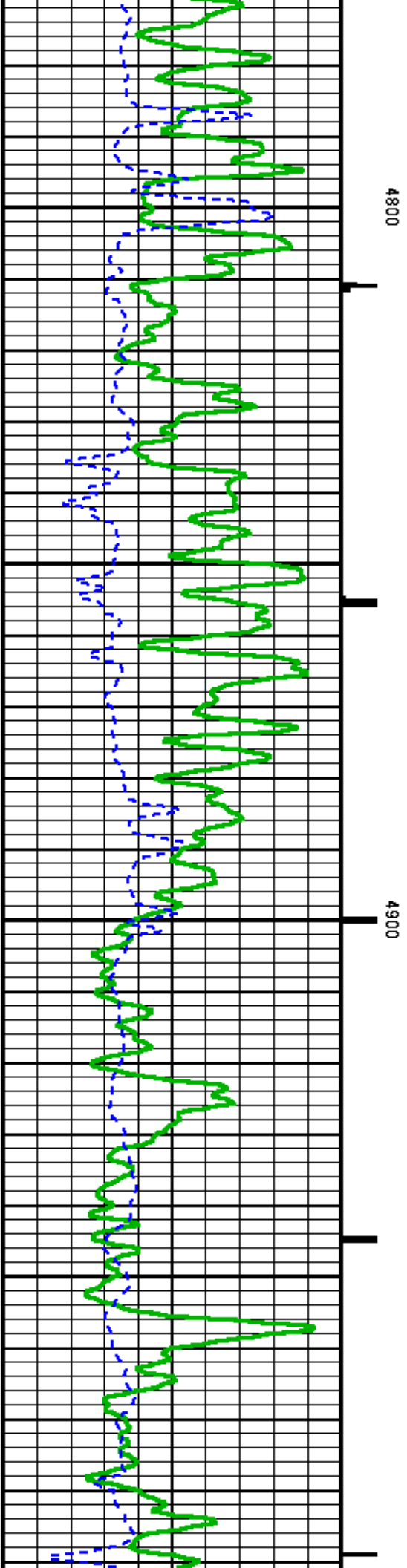
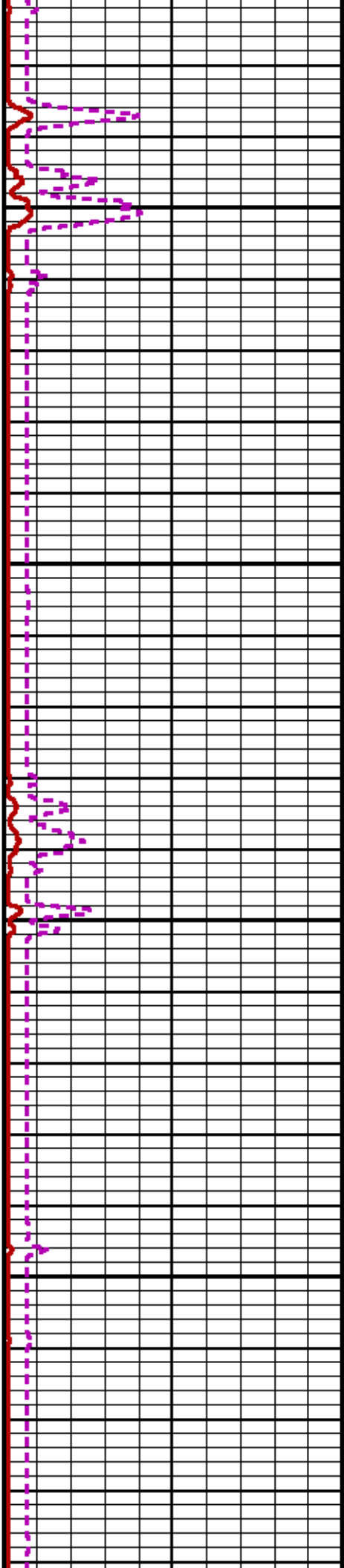
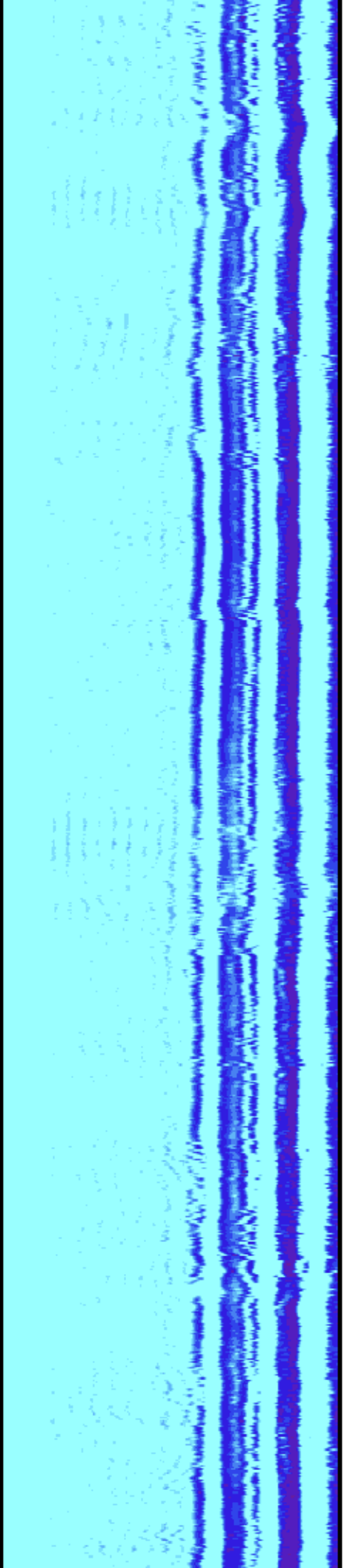


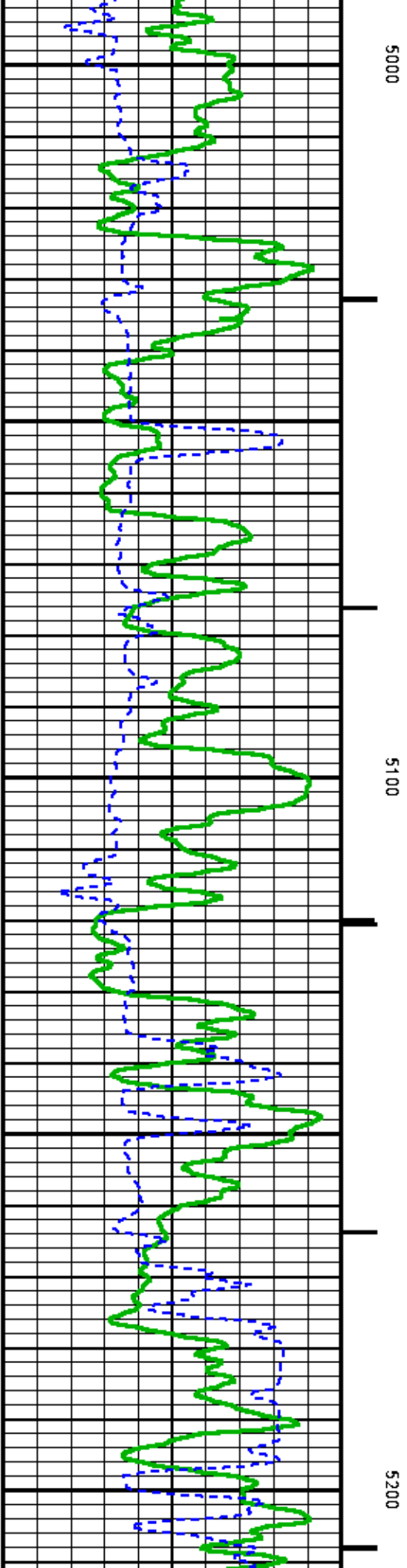
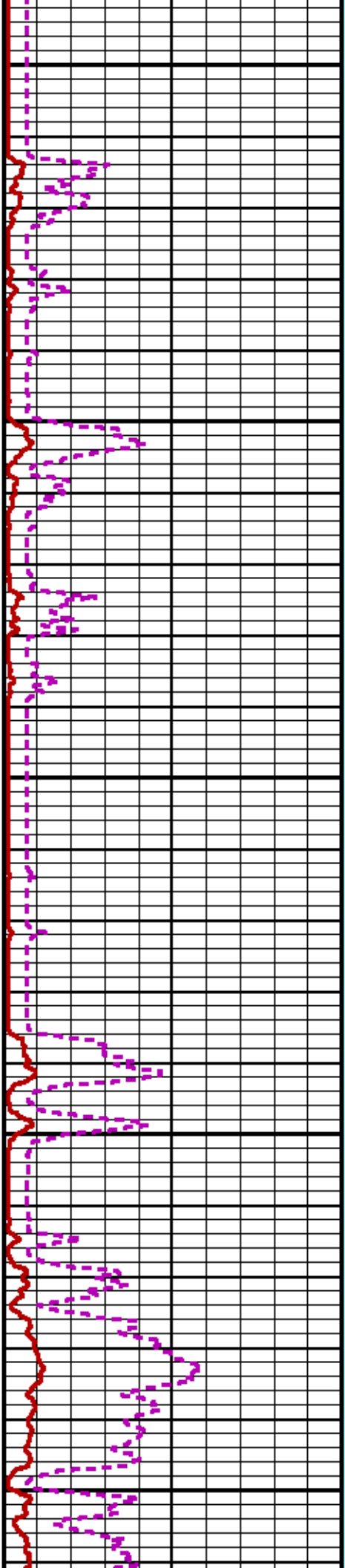
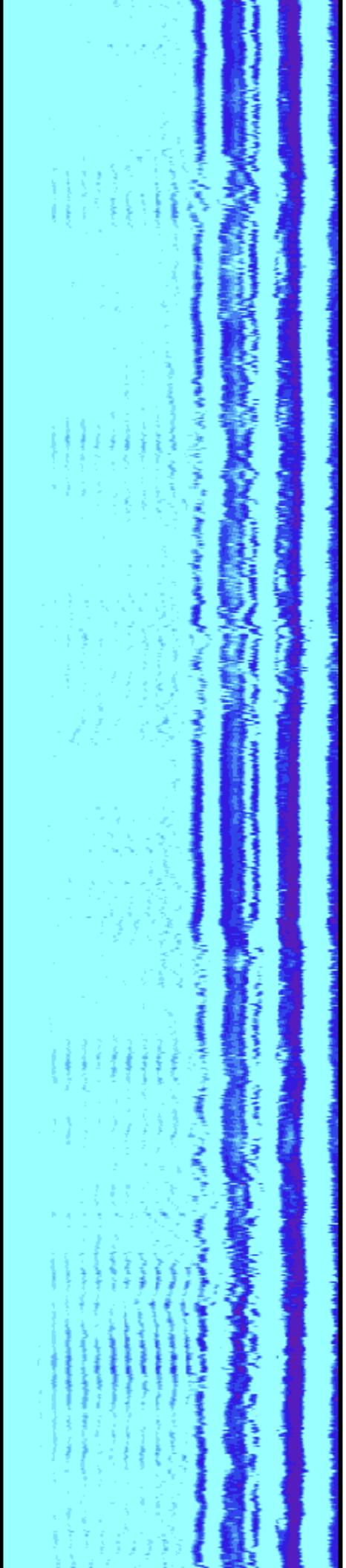


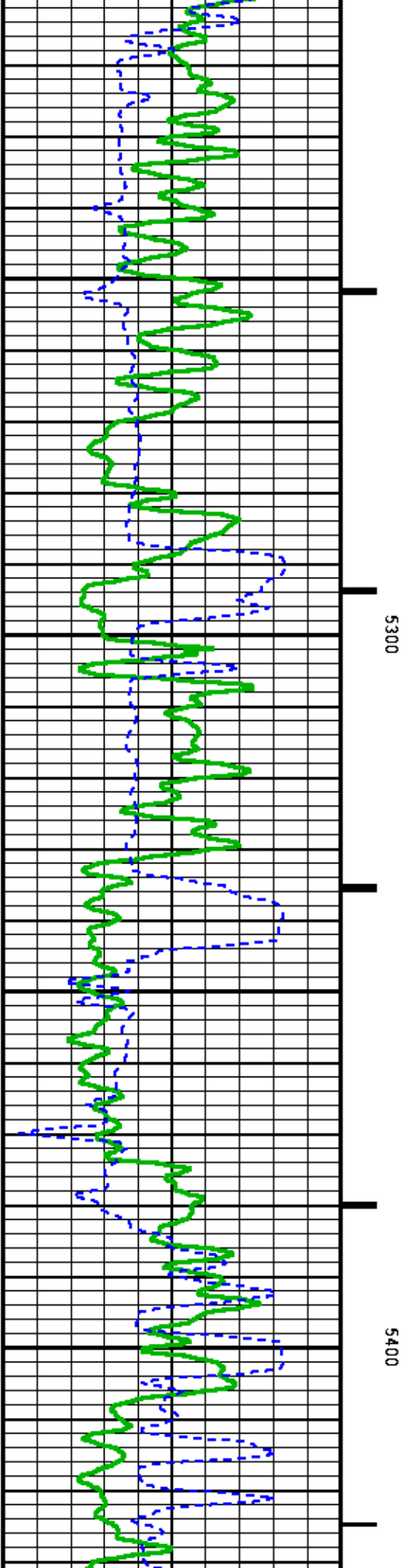
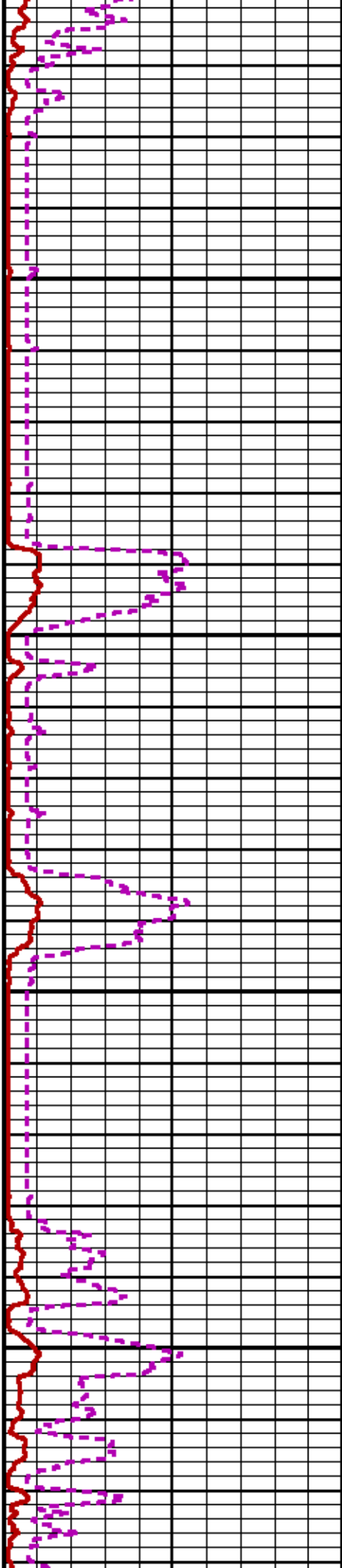
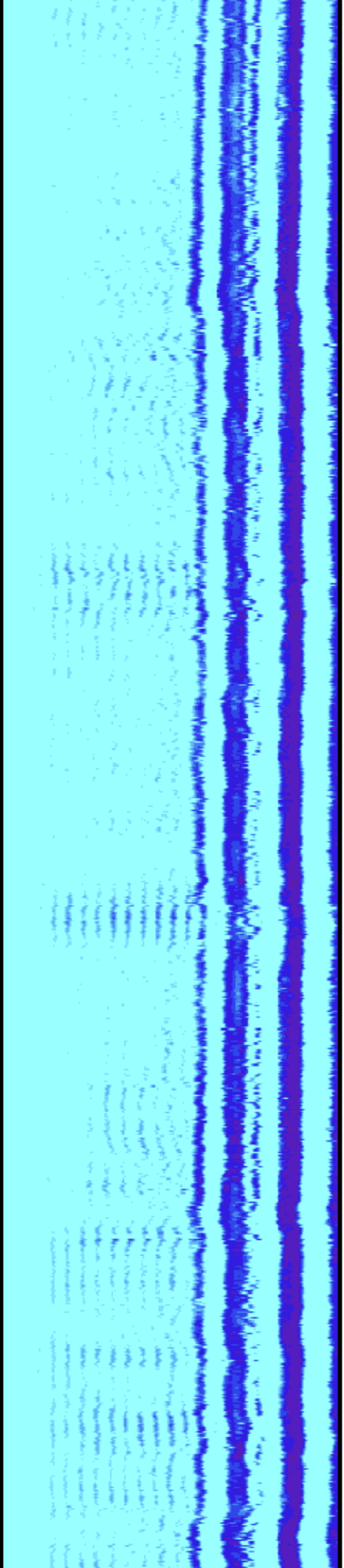




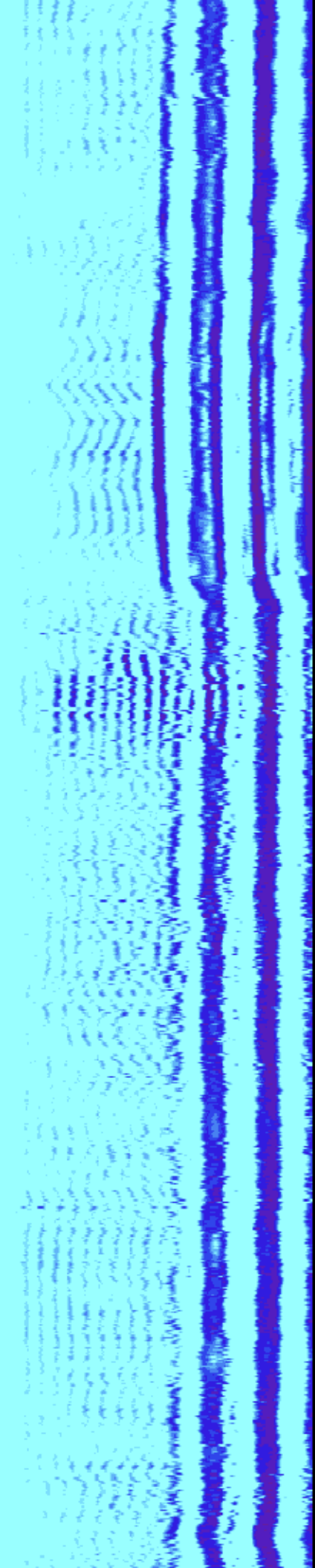
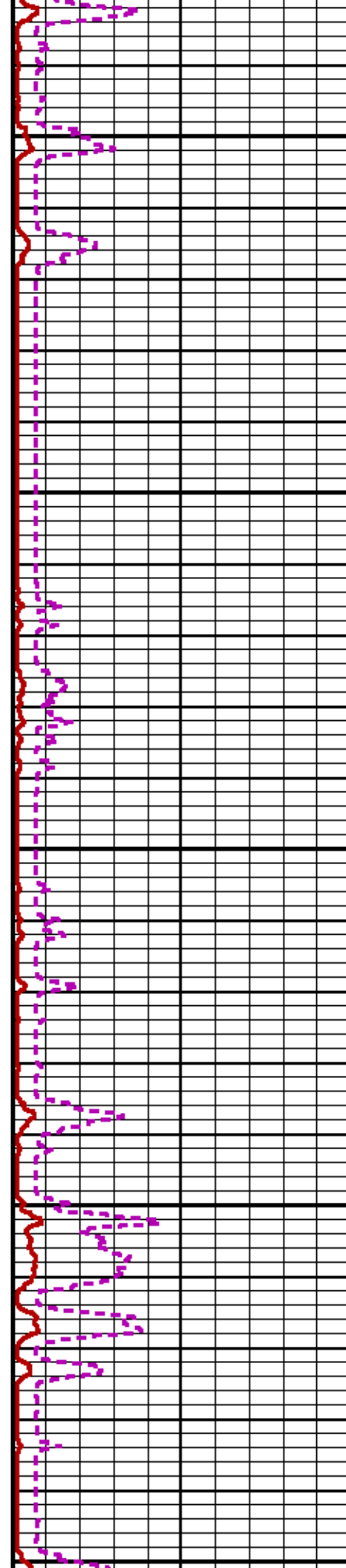
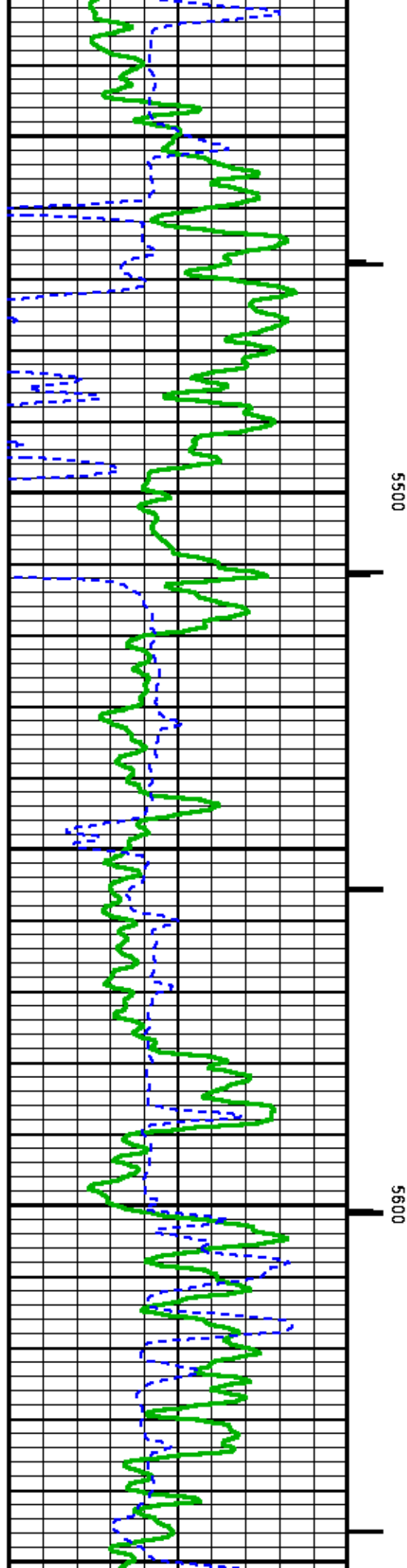


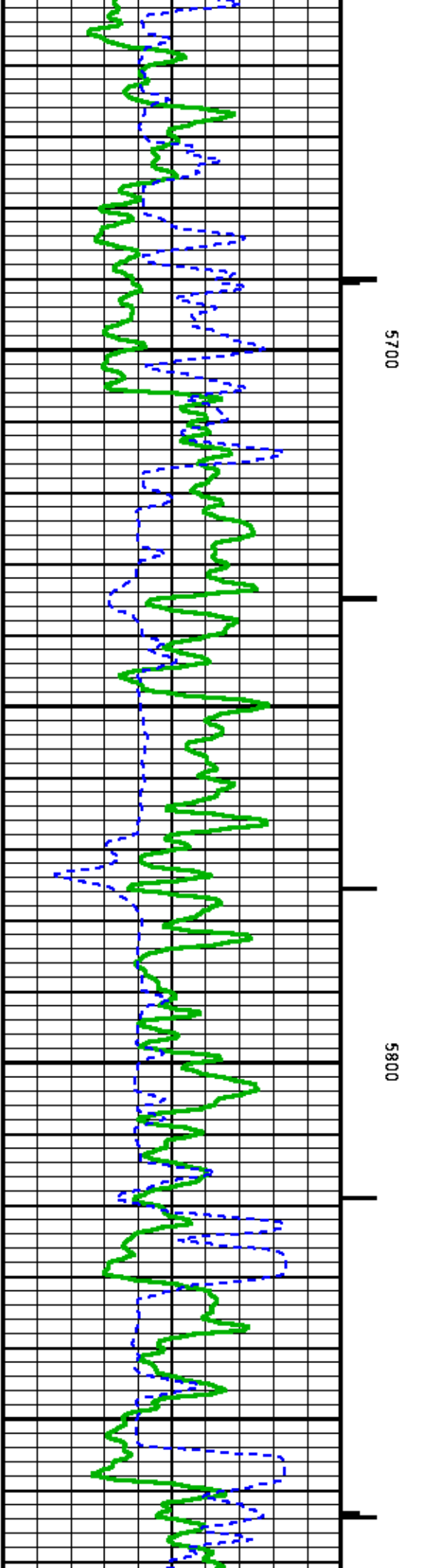
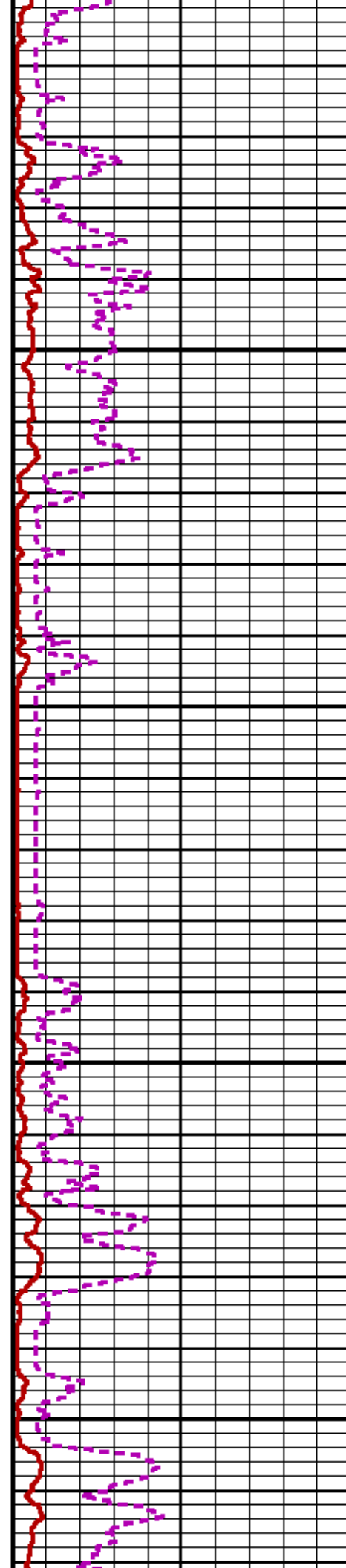
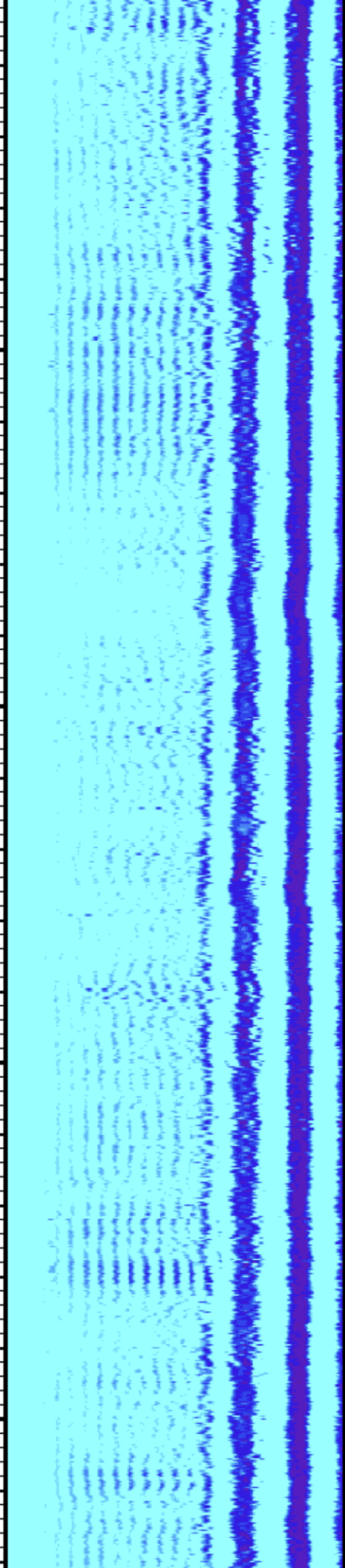


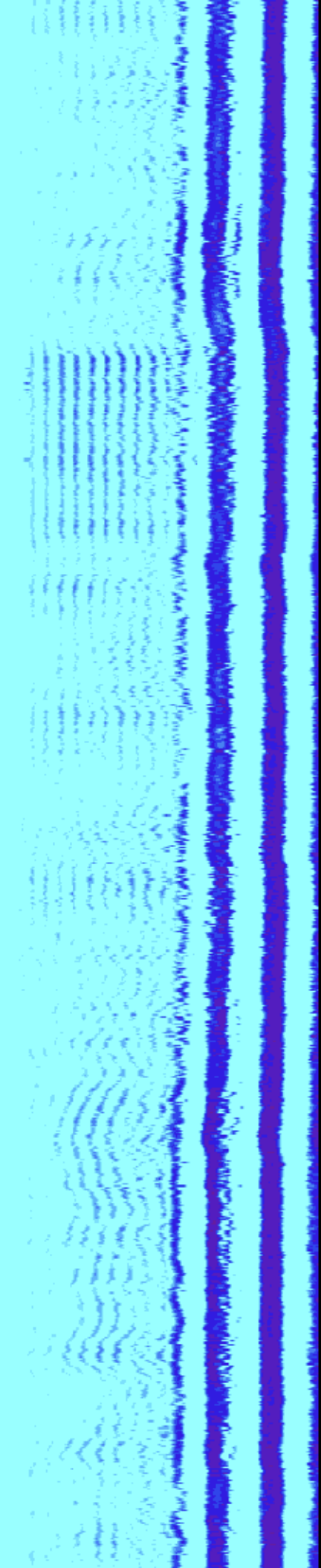
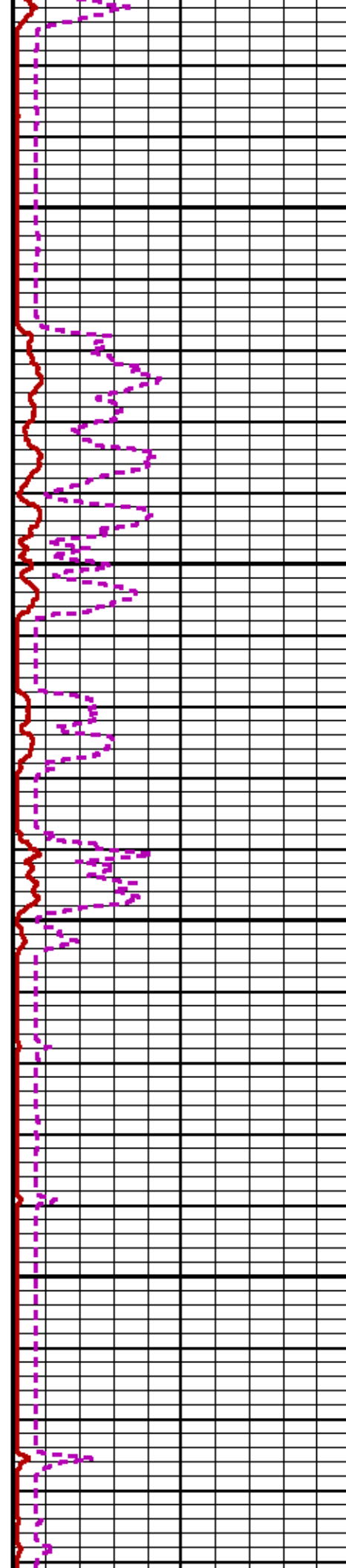
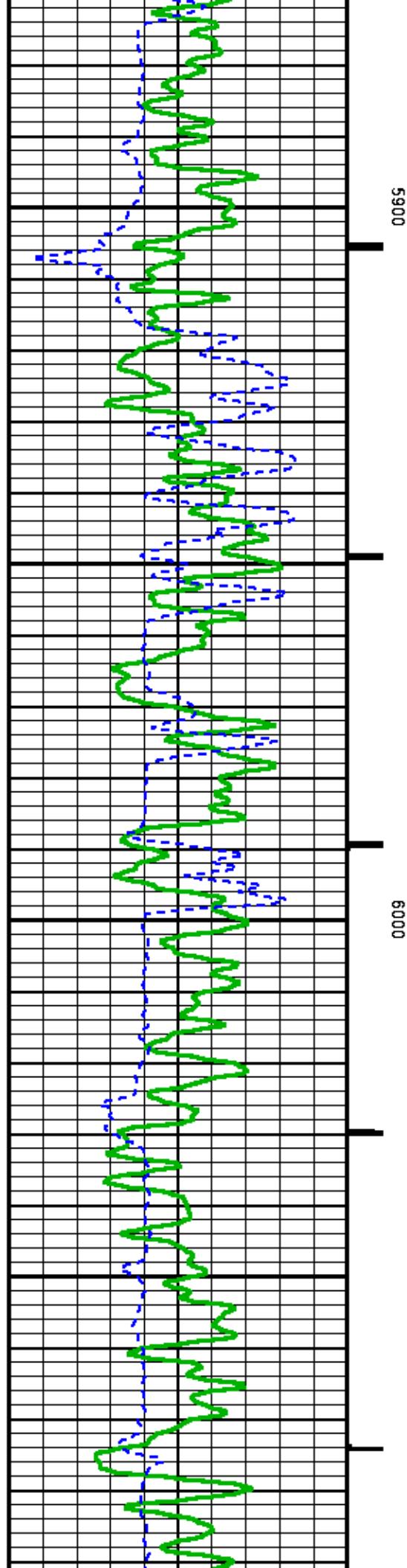




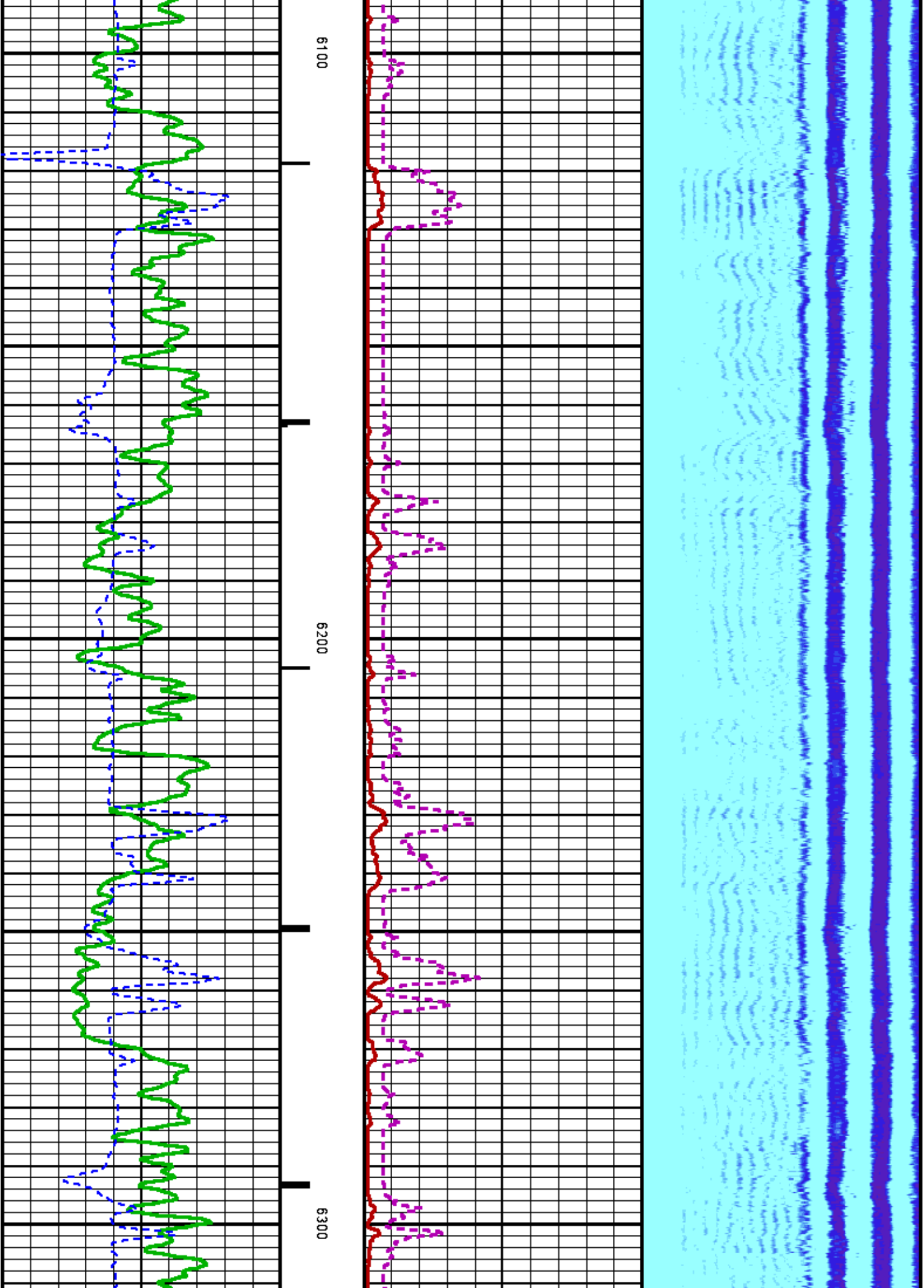


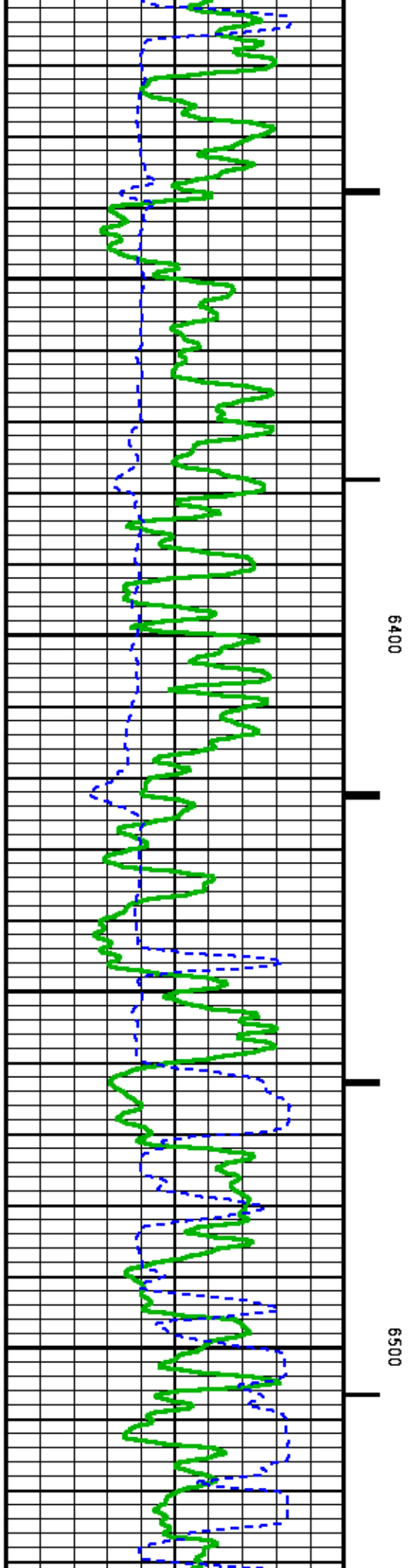
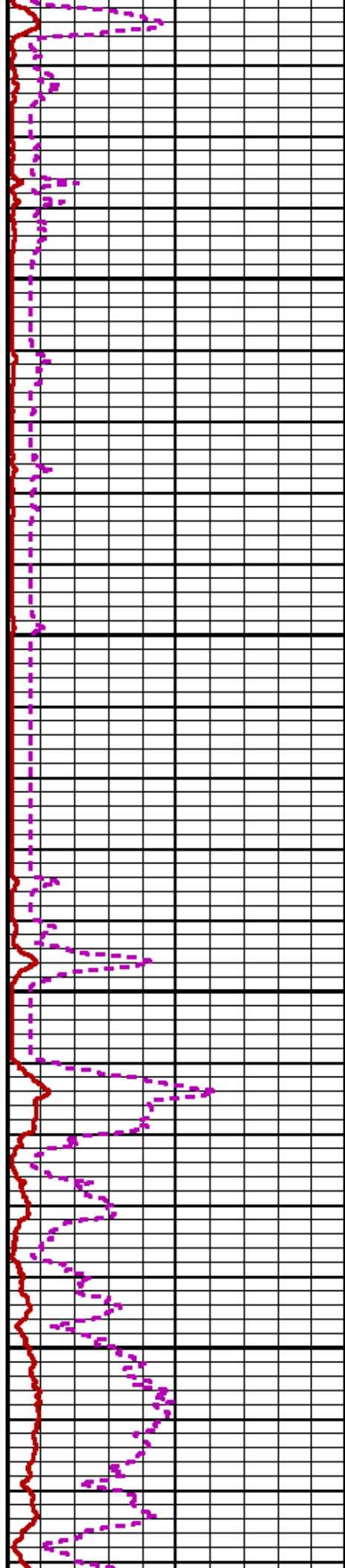
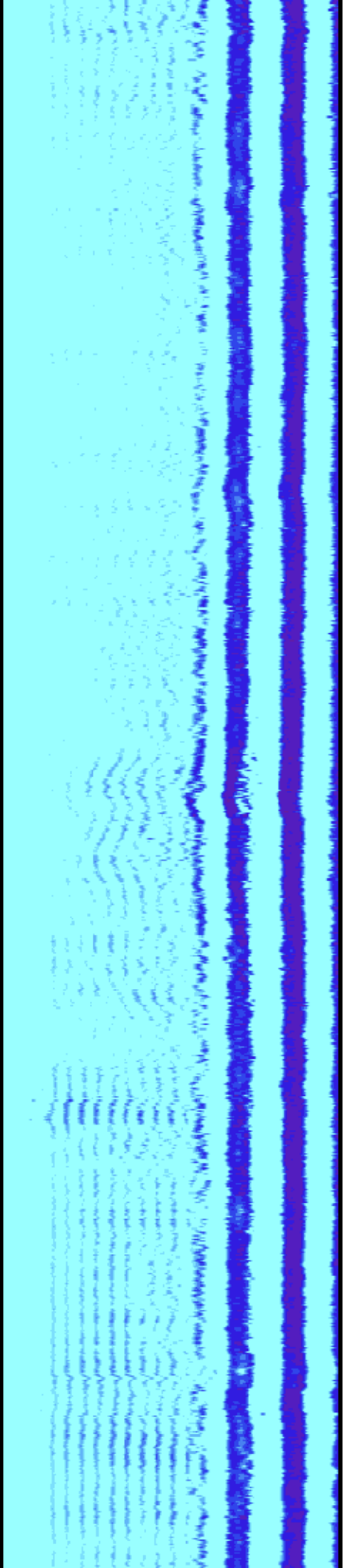


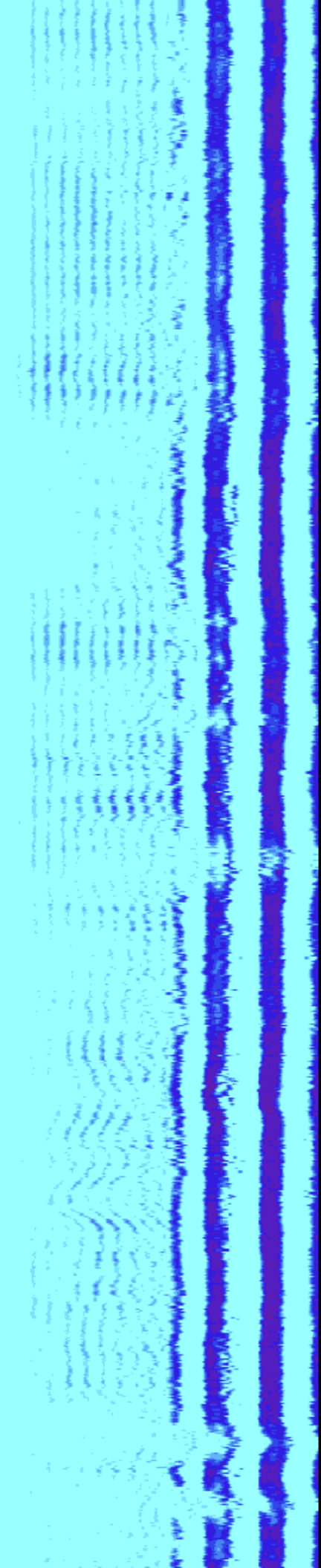
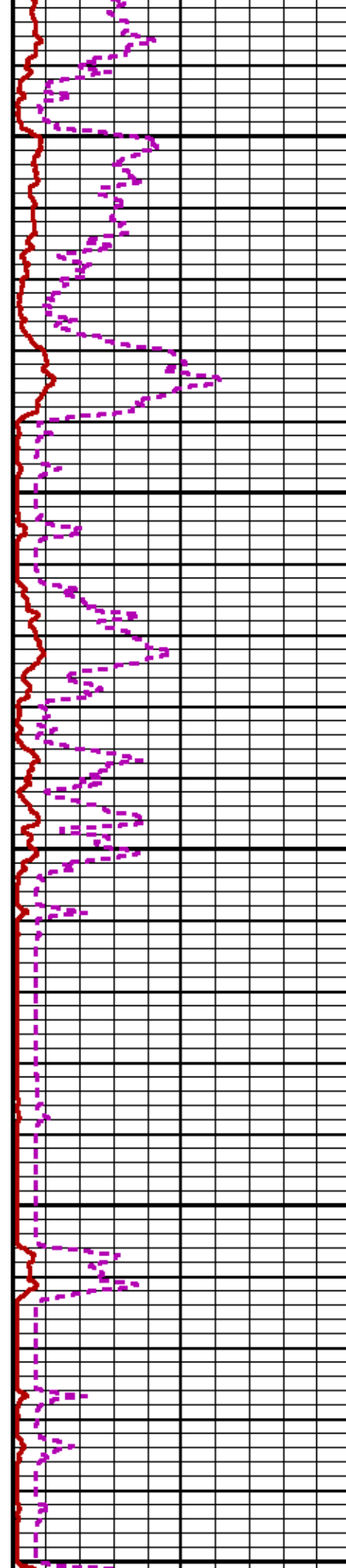
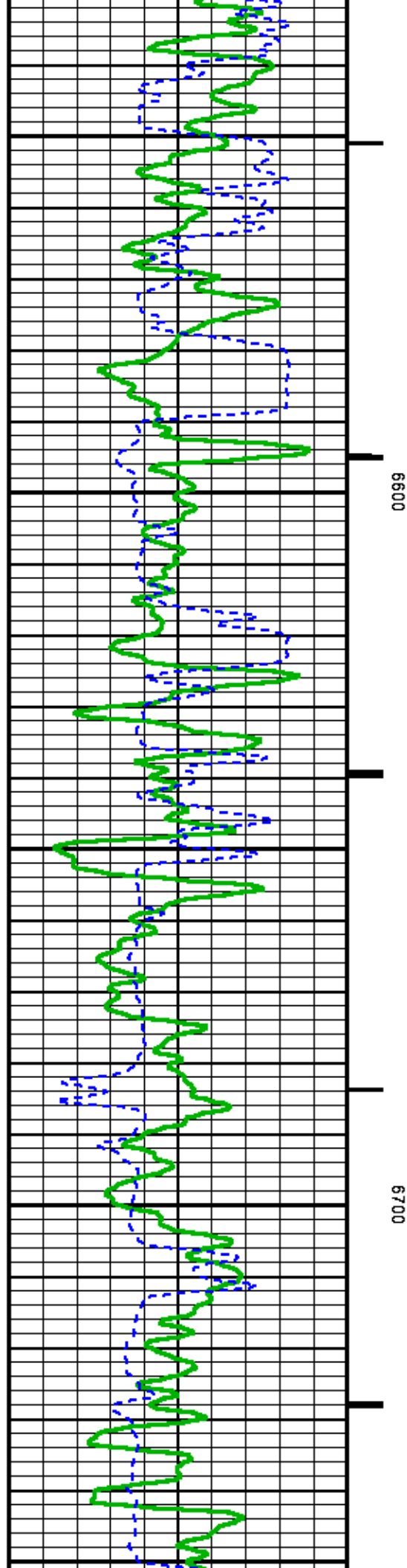




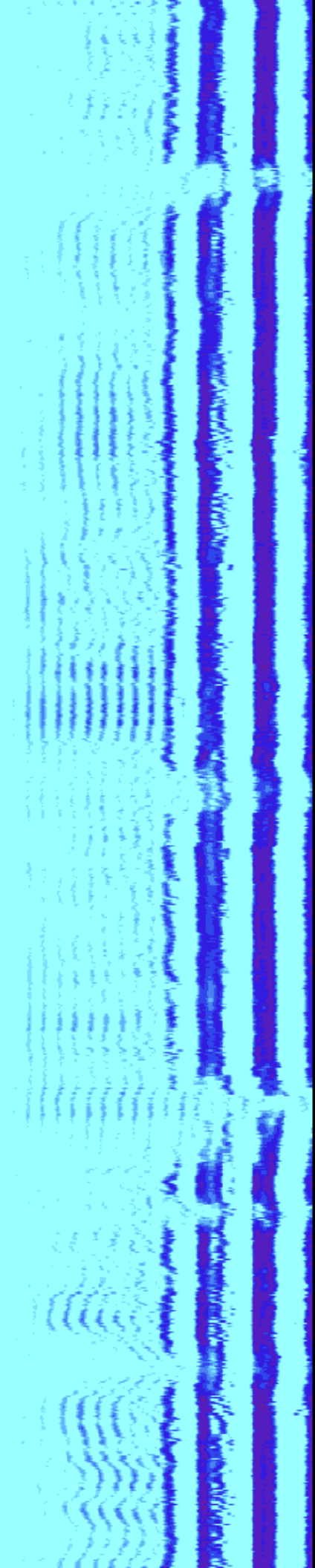
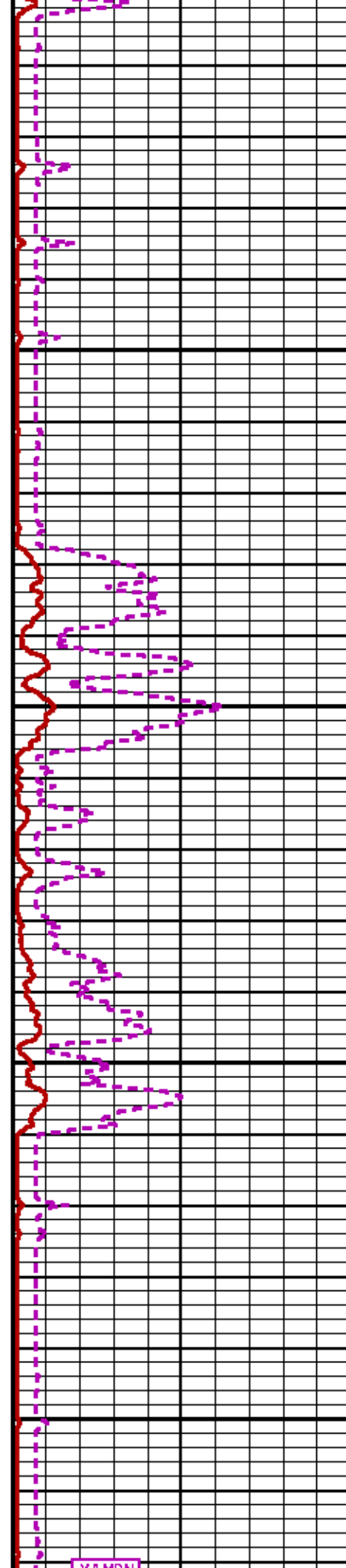
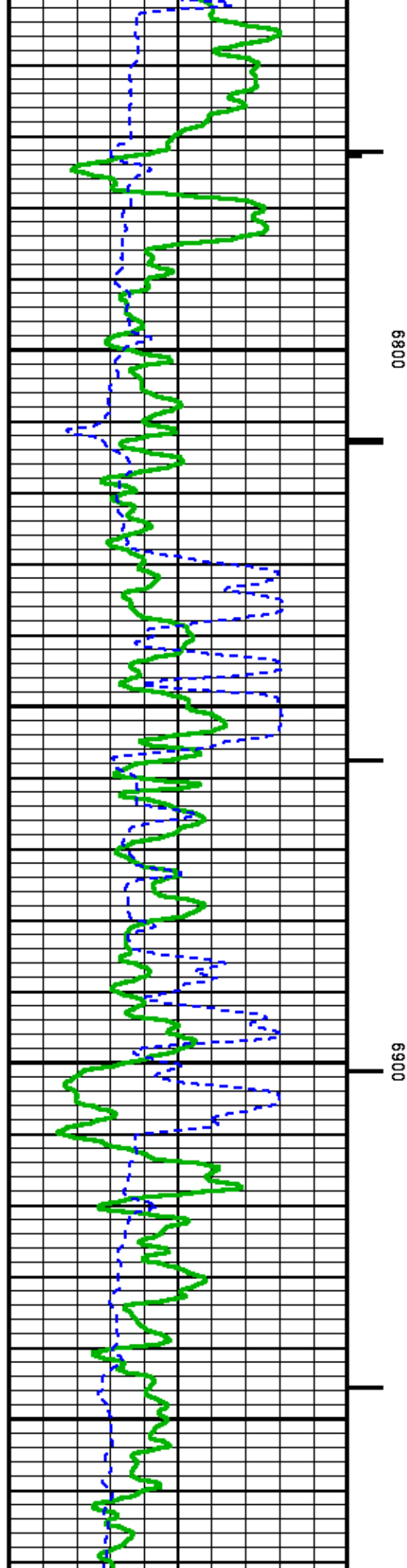


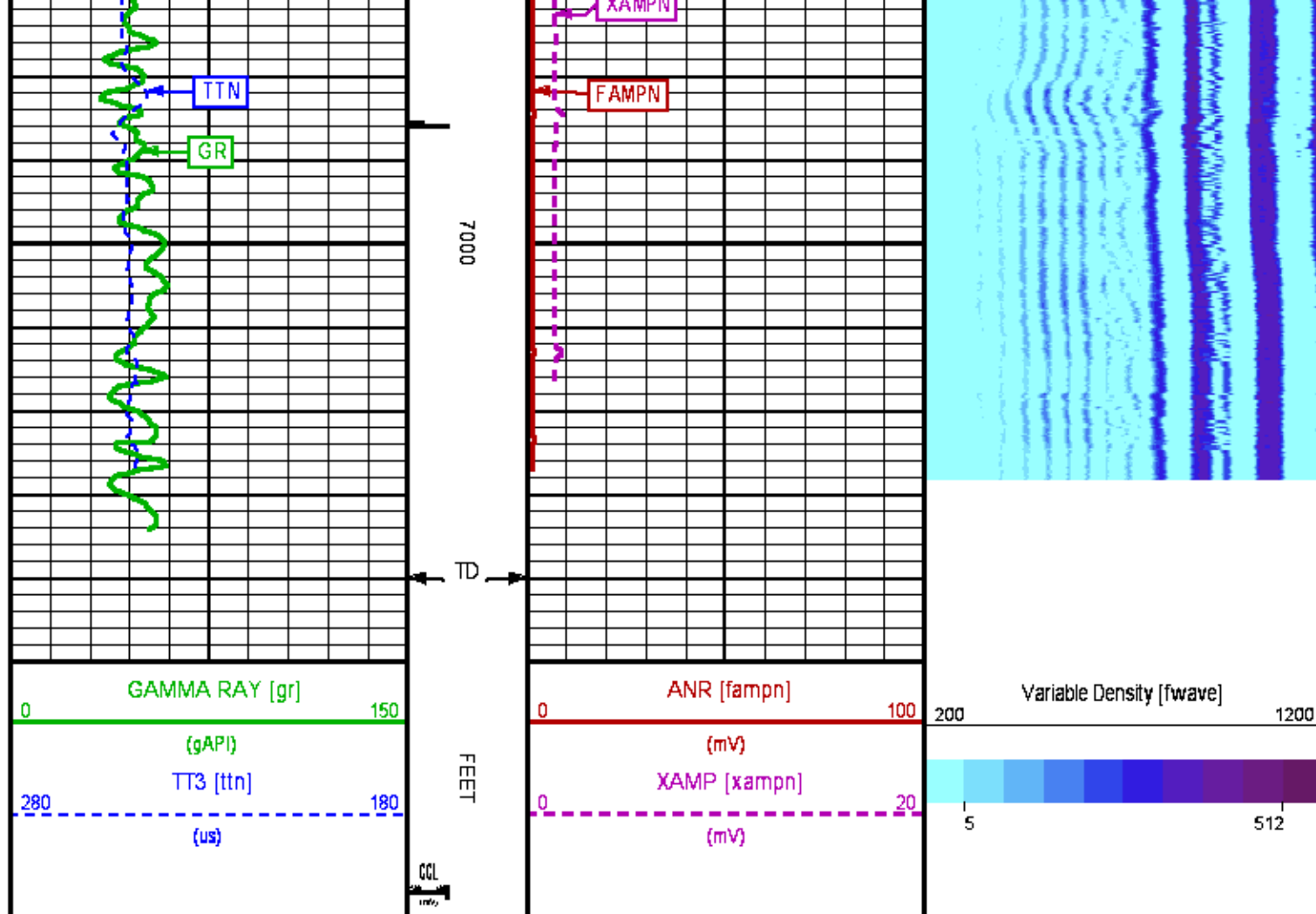












# SECONDARY PRESENTATION 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013  
 Updates: 1

Plotted: Thu May 15 22:35:23 2014

PARAMETER AND FILTER SUMMARY REPORT					
FILE: /dat1a/CH085717/n012e02.prm LOGGING MODE: DEPTH DIRECTION: UP TOP DEPTH: 17.500 ft BOTTOM DEPTH: 7021.000 ft					
SYMMETRIC FILTER					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER 0	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER 0	light (2a)		"	"
TRAVEL TIME	FILTER 0	medium (1)		"	"
RAL CCL PROCESSING					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM
ANALOG RAL PROCESSING					

## ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgp1*)	187	US	TOP	BOTTOM
	AMP WINDOW START (fgp2*)	187	US	"	"
	AMP WINDOW START (fgp3*)	187	US	"	"
	AMP WINDOW START (fgp4*)	187	US	"	"
	AMP WINDOW START (fgp5*)	187	US	"	"
	AMP WINDOW START (fgp6*)	187	US	"	"
	AMP WINDOW START (fgp7*)	187	US	"	"
	AMP WINDOW START (fgp8*)	187	US	"	"
	AMP WINDOW START (fgpn*)	187	US	"	"
	AMP WINDOW LENGTH	25	US	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	160	US	"	"
	TT WINDOW LENGTH	500	US	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	US	"	"
RAL TOOL DELAY	TOOL DELAY (str1*)	-64	US	"	"
	TOOL DELAY (str2*)	-64	US	"	"
	TOOL DELAY (str3*)	-64	US	"	"
	TOOL DELAY (str4*)	-64	US	"	"
	TOOL DELAY (str5*)	-64	US	"	"
	TOOL DELAY (str6*)	-64	US	"	"
	TOOL DELAY (str7*)	-64	US	"	"
	TOOL DELAY (str8*)	-64	US	"	"
	TOOL DELAY (strn*)	-64	US	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	US	"	"
	NOISE WINDOW LENGTH	25	US	"	"

## PERCENT BOND CEMENT MAP

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
RAL FREE PIPE AMPLITUDE	FREE AMP REC 1	81	mV	TOP	BOTTOM
	FREE AMP REC 2	81	mV	"	"
	FREE AMP REC 3	81	mV	"	"
	FREE AMP REC 4	81	mV	"	"
	FREE AMP REC 5	81	mV	"	"
	FREE AMP REC 6	81	mV	"	"
	FREE AMP REC 7	81	mV	"	"
	FREE AMP REC 8	81	mV	"	"
RAL FULL BOND AMPLITUDE	FULL BOND AMP REC 1	2	mV	"	"
	FULL BOND AMP REC 2	2	mV	"	"
	FULL BOND AMP REC 3	2	mV	"	"
	FULL BOND AMP REC 4	2	mV	"	"
	FULL BOND AMP REC 5	2	mV	"	"
	FULL BOND AMP REC 6	2	mV	"	"
	FULL BOND AMP REC 7	2	mV	"	"
	FULL BOND AMP REC 8	2	mV	"	"

## CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	May 14 10:27:11 2014	FIXED GATE AMPLITUDE T-R1
F1:AR2	May 14 10:27:11 2014	FIXED GATE AMPLITUDE T-R2
F1:AR3	May 14 10:27:11 2014	FIXED GATE AMPLITUDE T-R3
F1:AR4	May 14 10:27:11 2014	FIXED GATE AMPLITUDE T-R4
F1:AR5	May 14 10:27:11 2014	FIXED GATE AMPLITUDE T-R5
F1:AR6	May 14 10:27:11 2014	FIXED GATE AMPLITUDE T-R6
F1:AR7	May 14 10:27:11 2014	FIXED GATE AMPLITUDE T-R7
F1:AR8	May 14 10:27:11 2014	FIXED GATE AMPLITUDE T-R8
F1:CCL	May 14 10:27:11 2014	CASING COLLAR LOCATOR
F1:FAMPN	May 14 10:27:11 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	May 14 10:27:11 2014	FAR WAVE FORM
F1:GR	May 14 10:27:11 2014	GAMMA RAY
F1:PBMAP	May 14 10:27:11 2014	PERCENT BOND CEMENT MAP
F1:TTN	May 14 10:27:11 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	May 14 10:27:11 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

## CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		



AR4

13.75

AR8

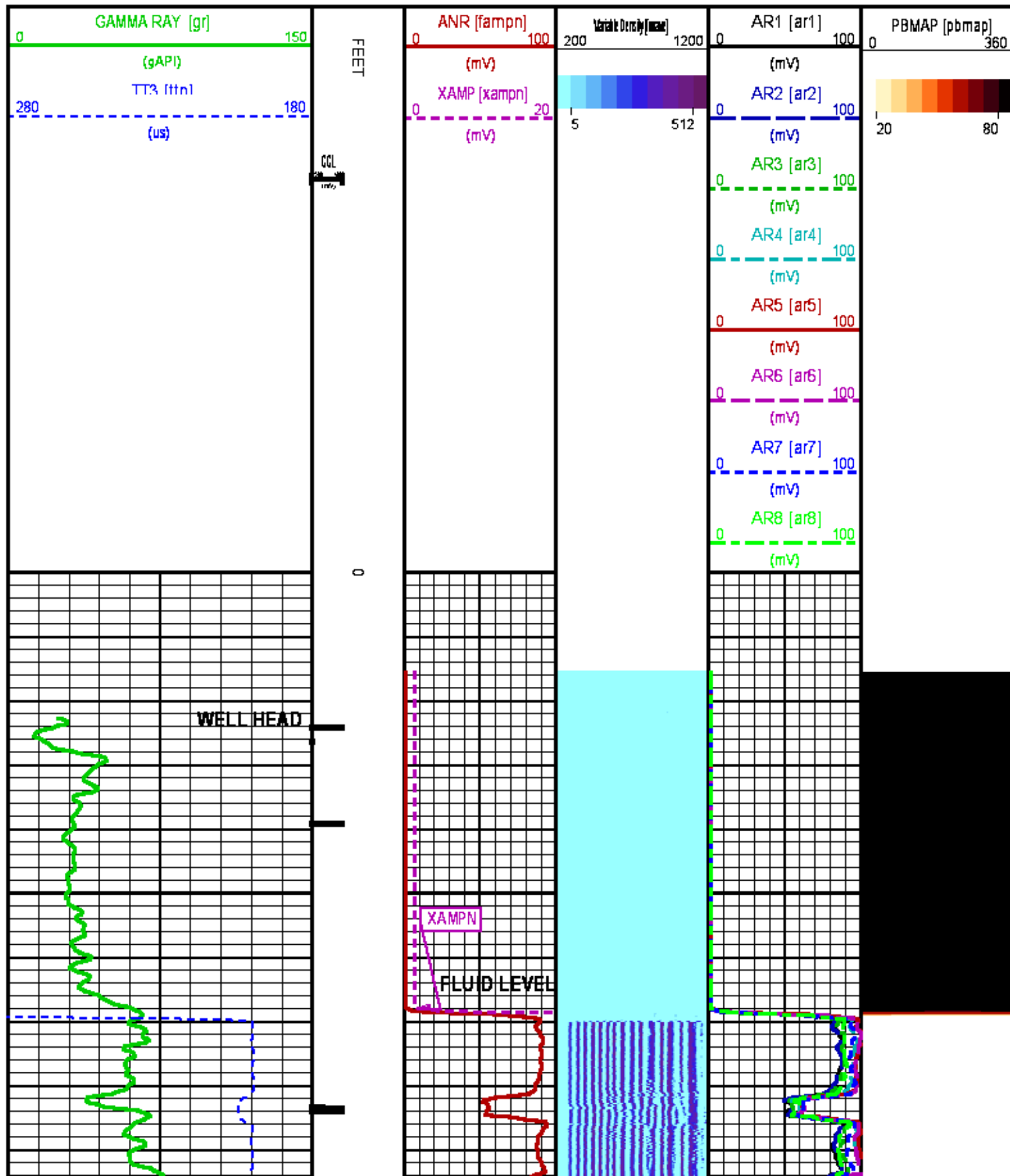
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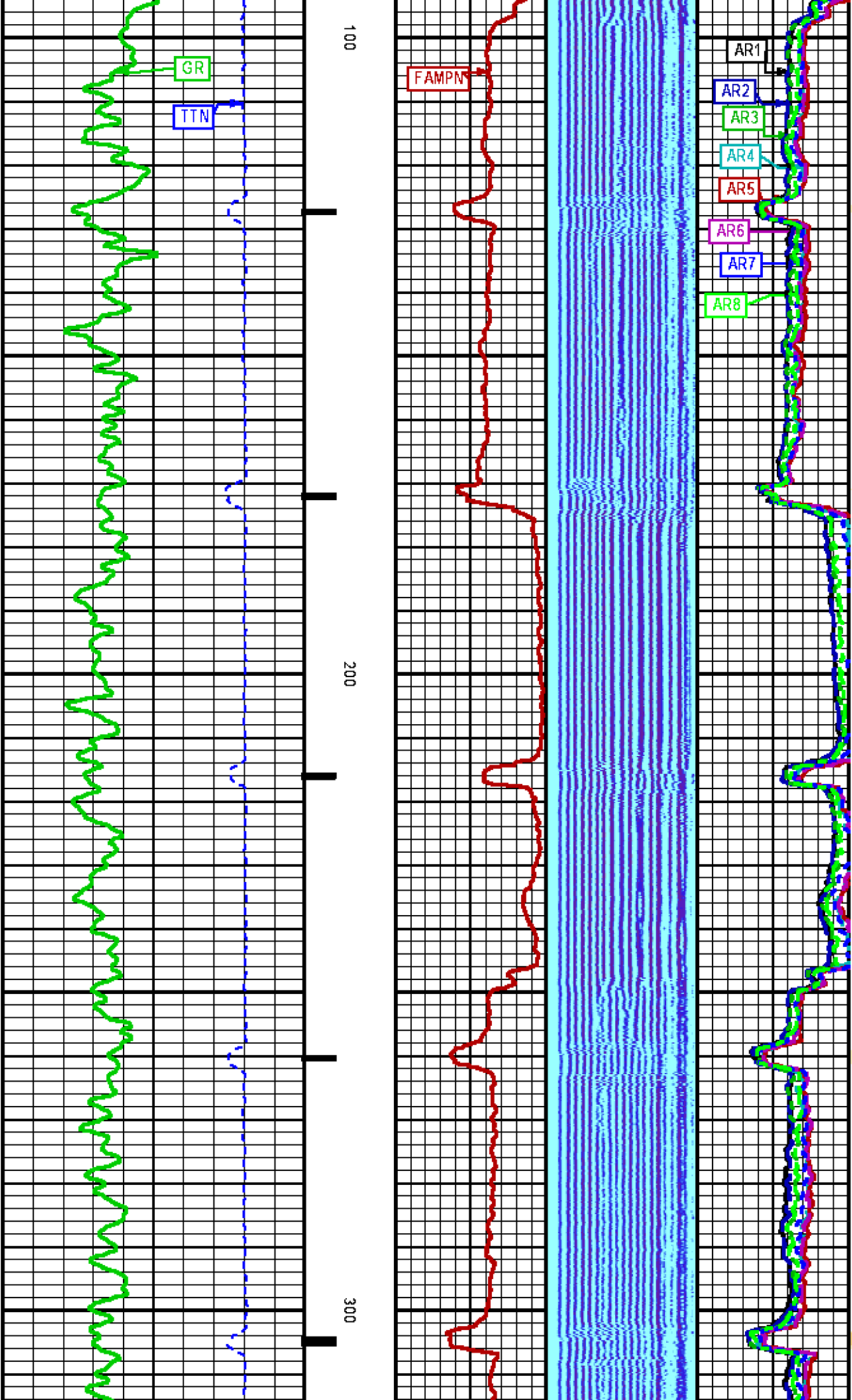
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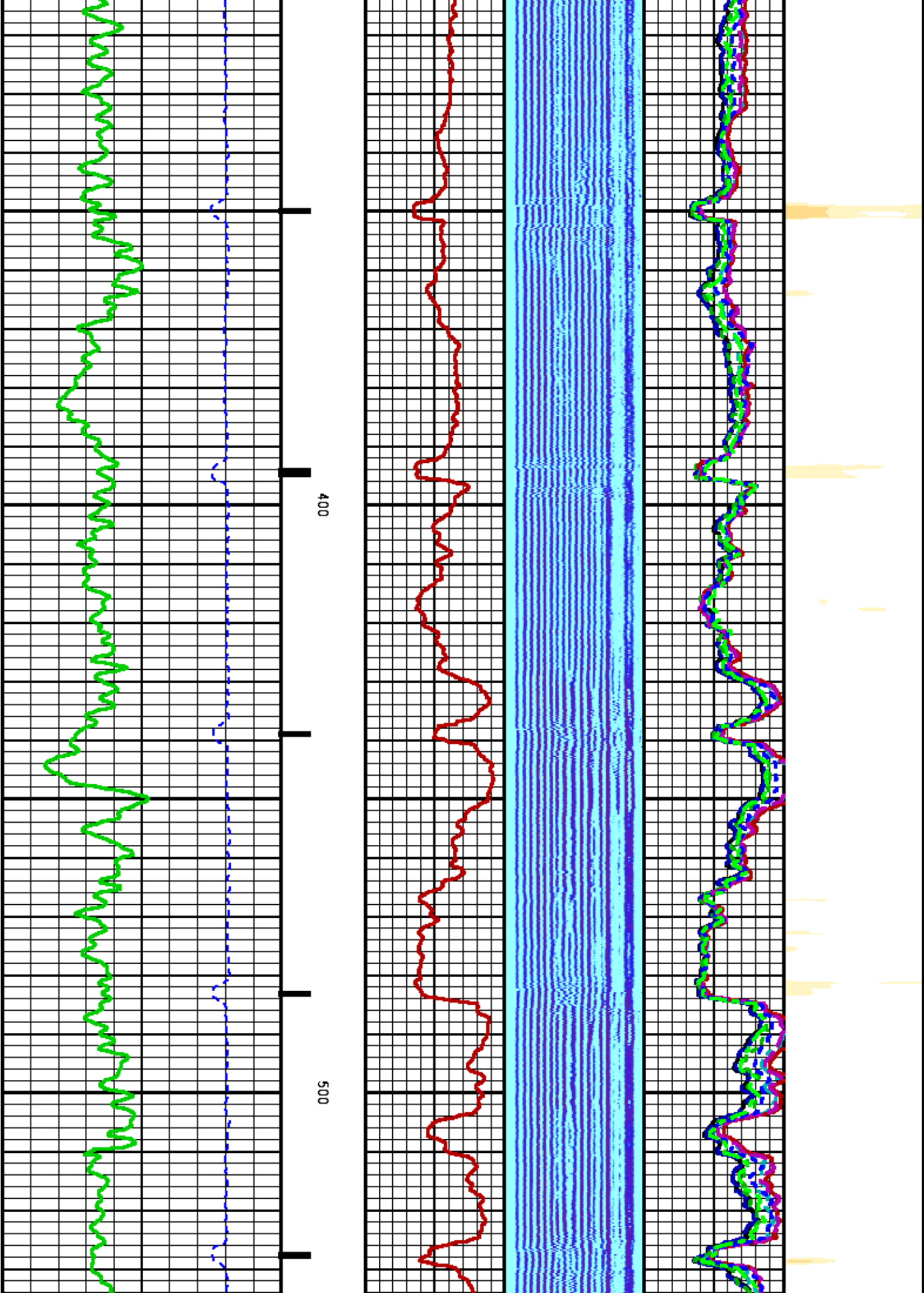
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Plot Interval : 0 - 7050 Feet

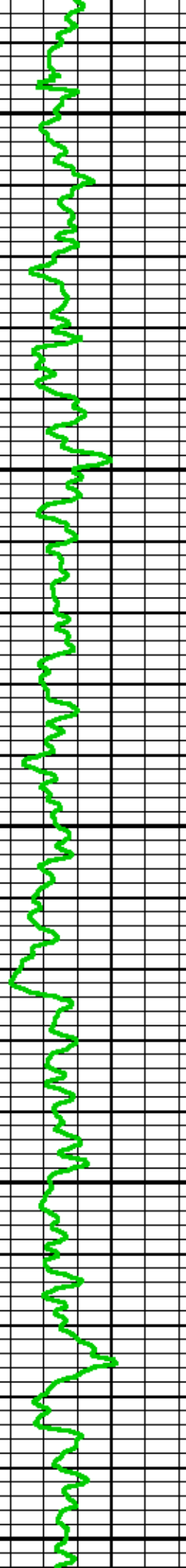
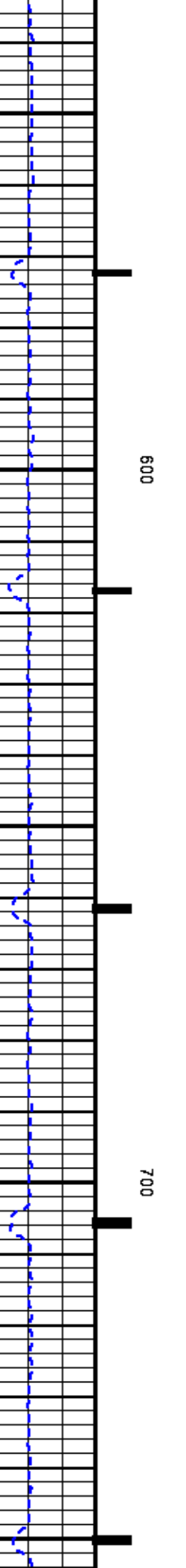
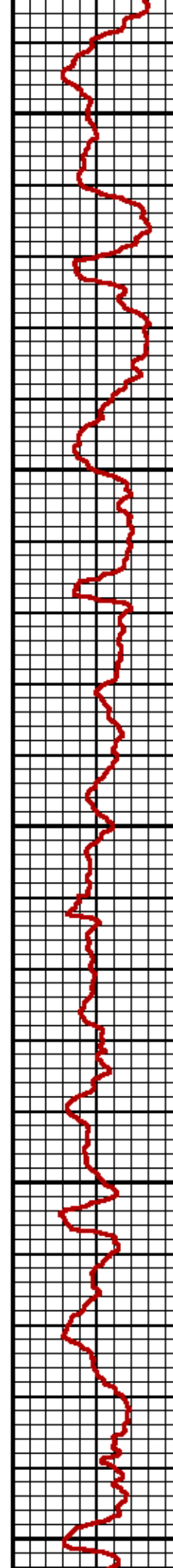
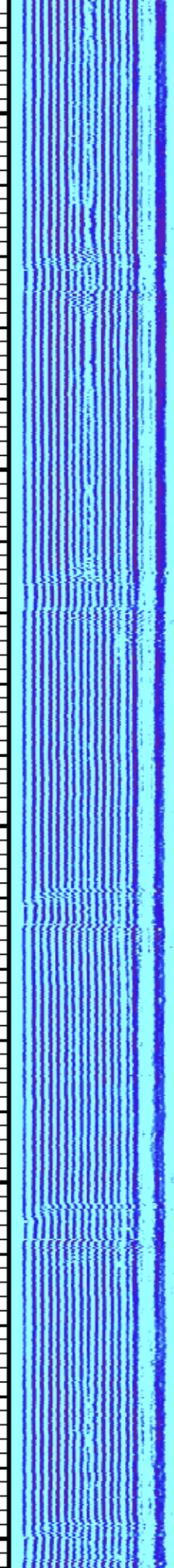
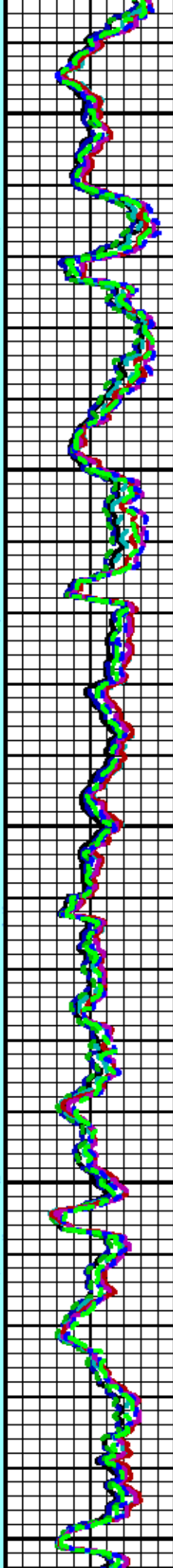
Data File 1 : F1 : HL6670:/dat1a/CH085717/CBL\_MAIN.xtf  
Created On : May 14 10:27:11 2014  
Company : WPX ENERGY INC  
Well : C&C ENERGY GM 522-13  
Field : GRAND VALLEY  
File Interval : 14.25 - 7042 Feet  
OCT : n012e

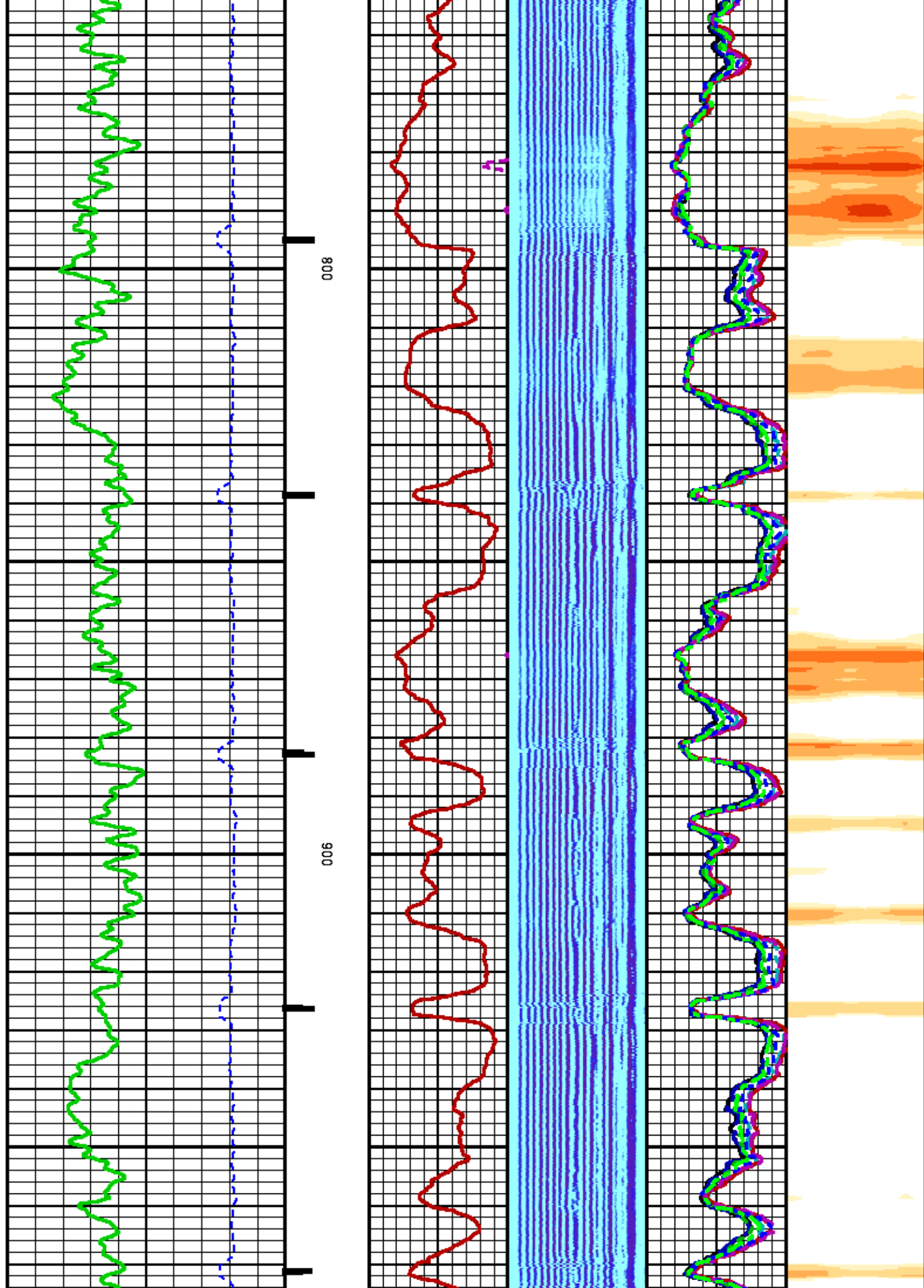


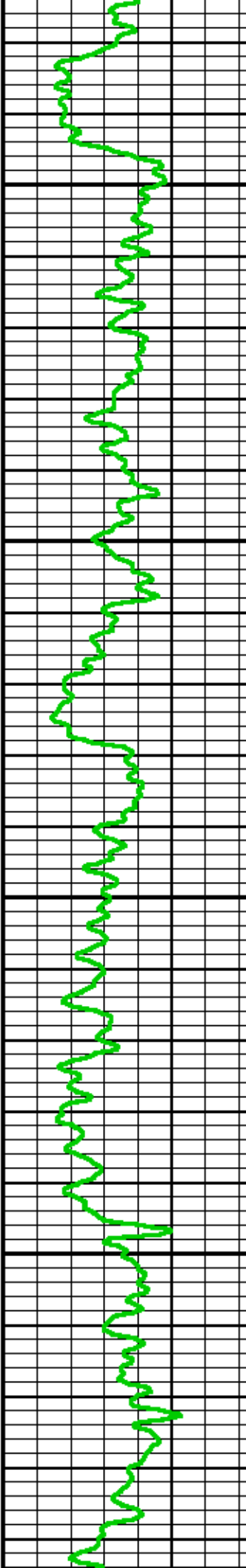
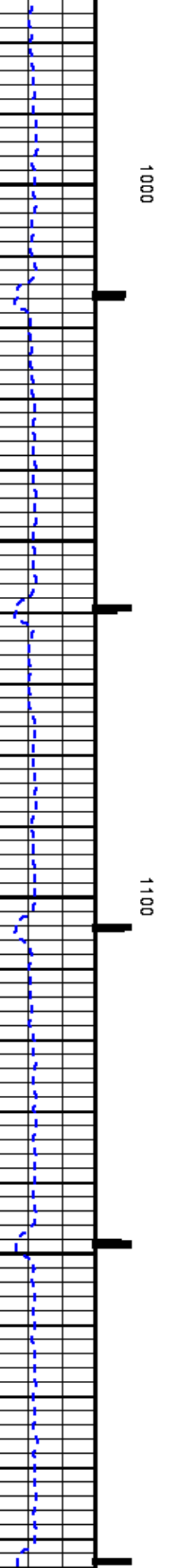
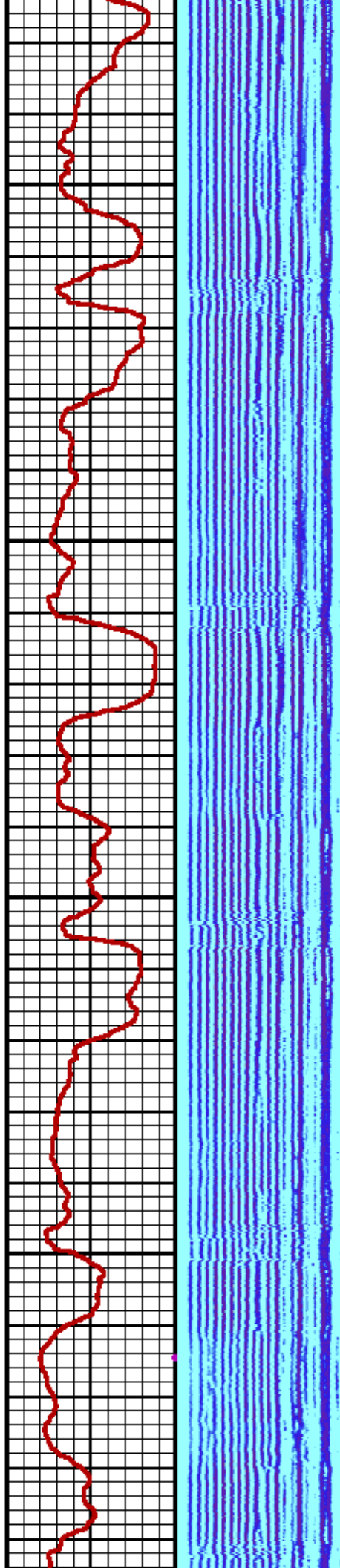
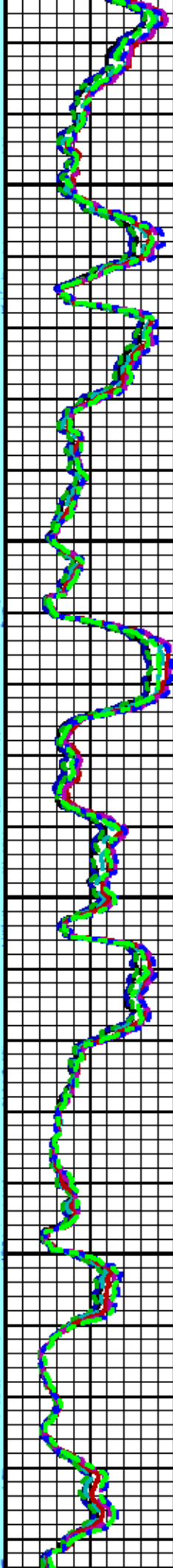
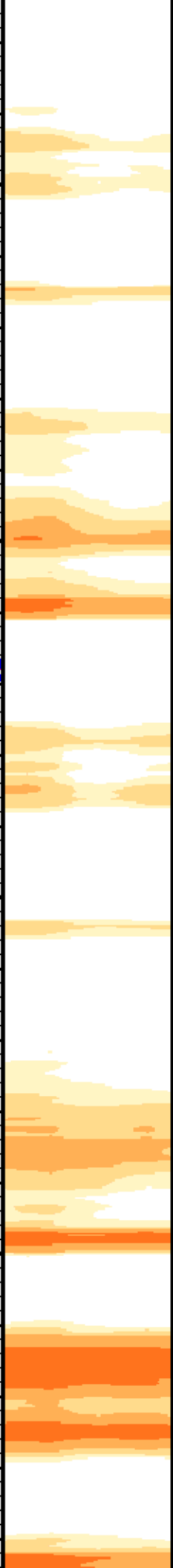




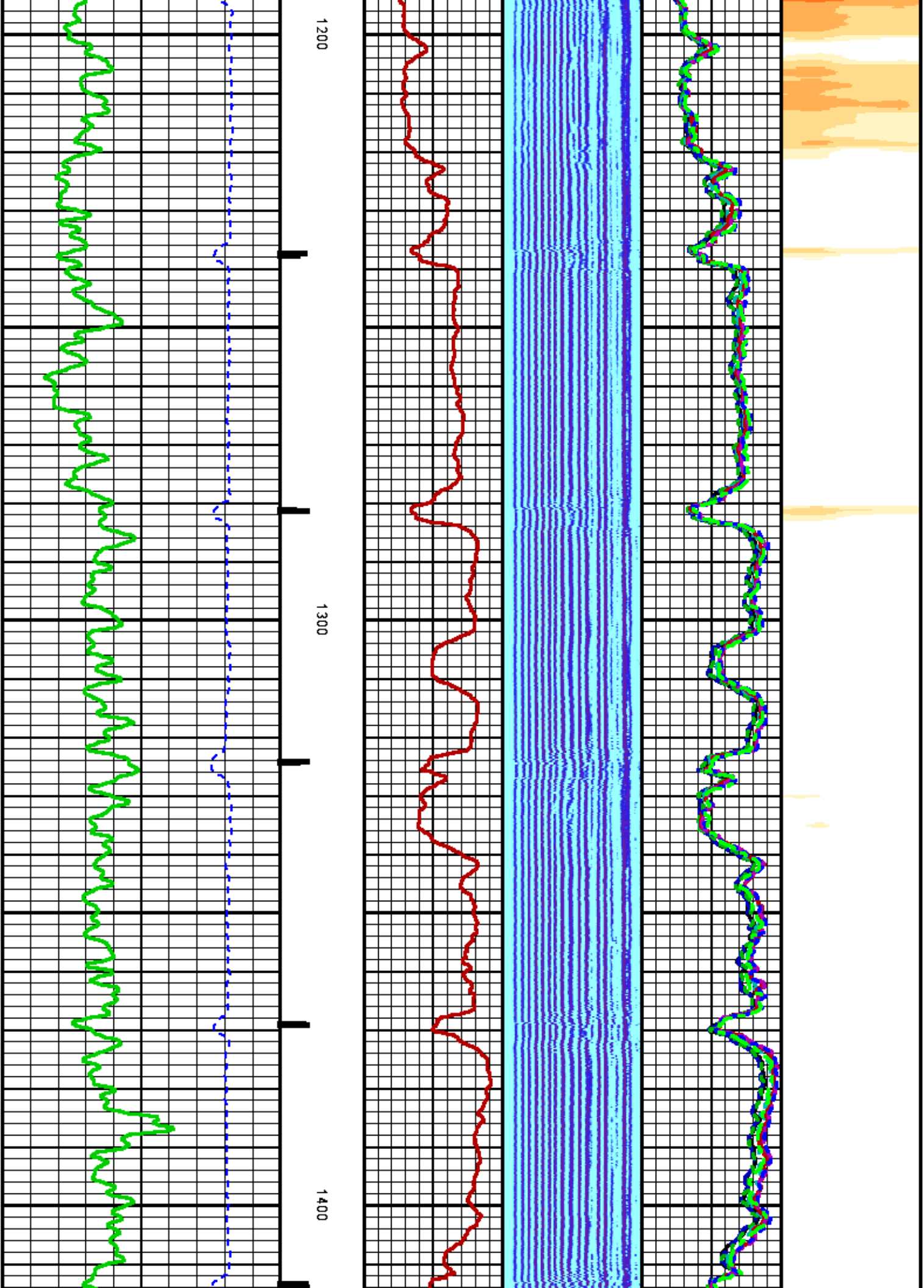




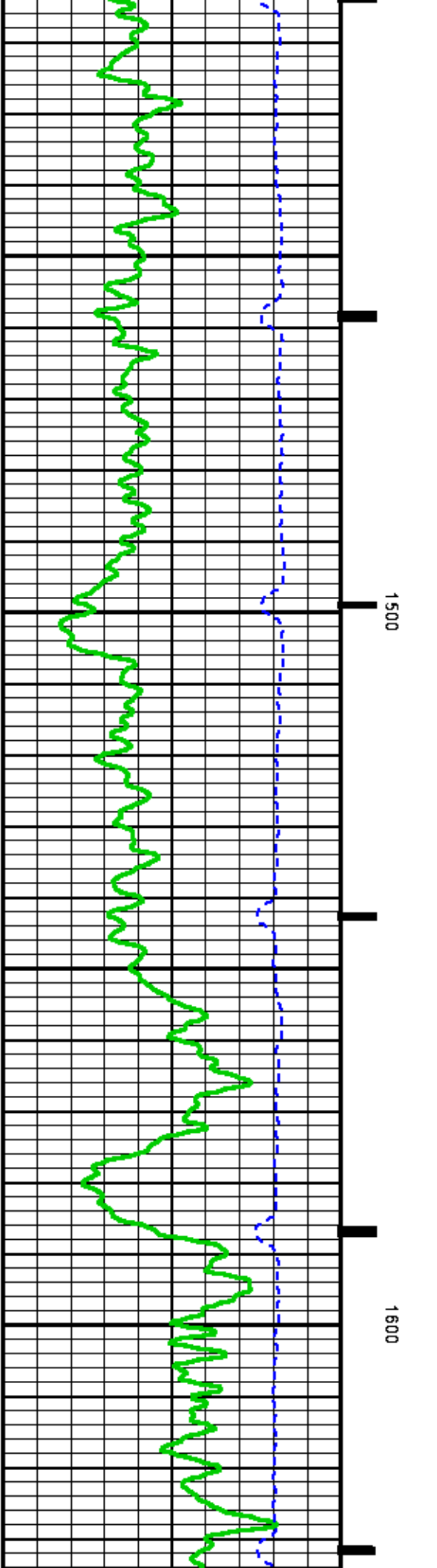
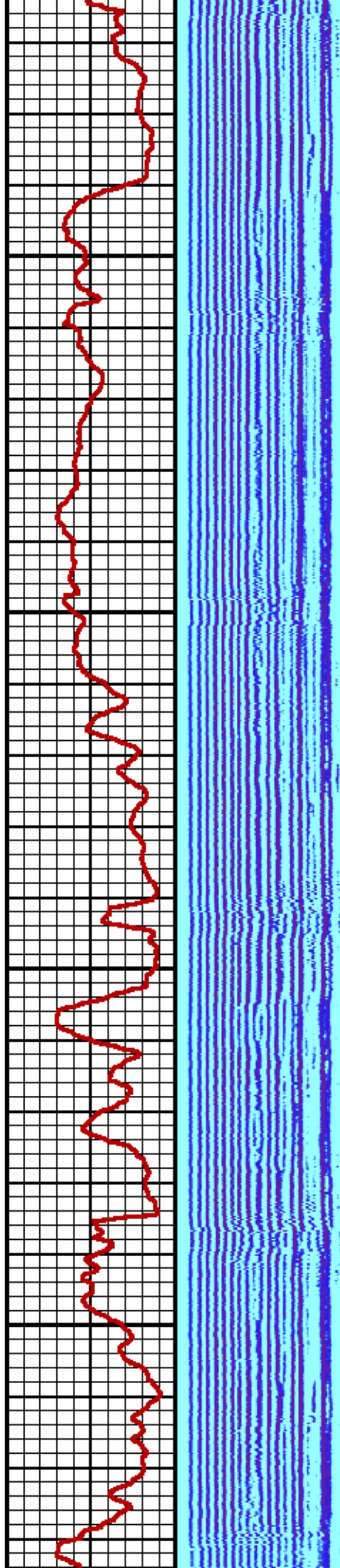
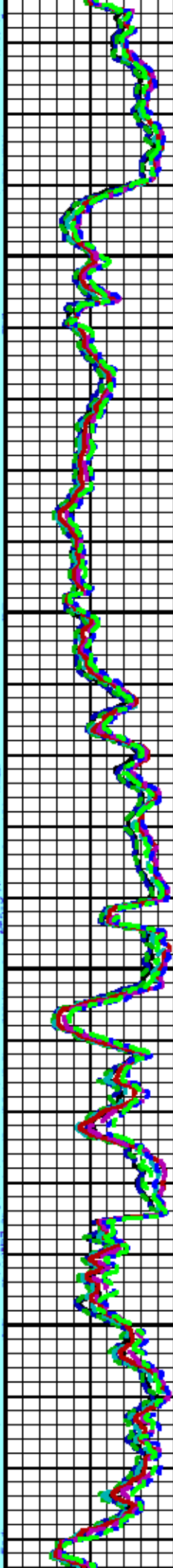


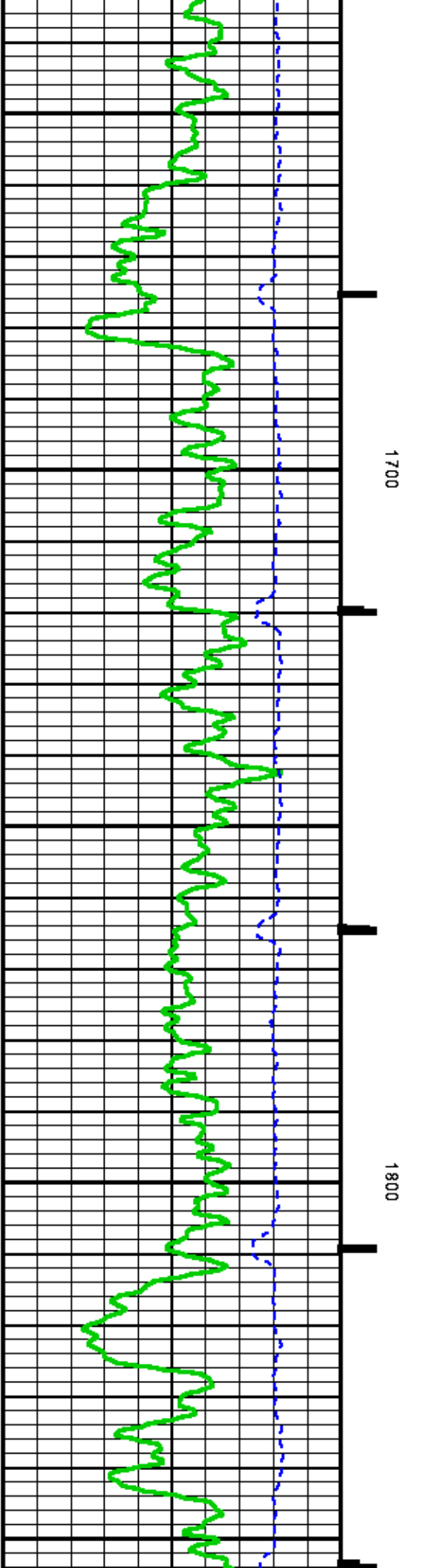
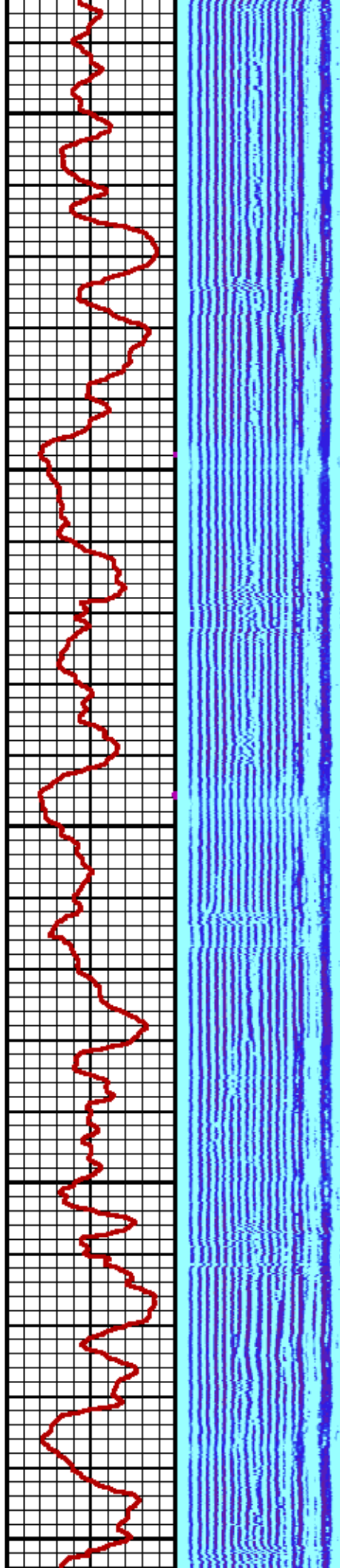
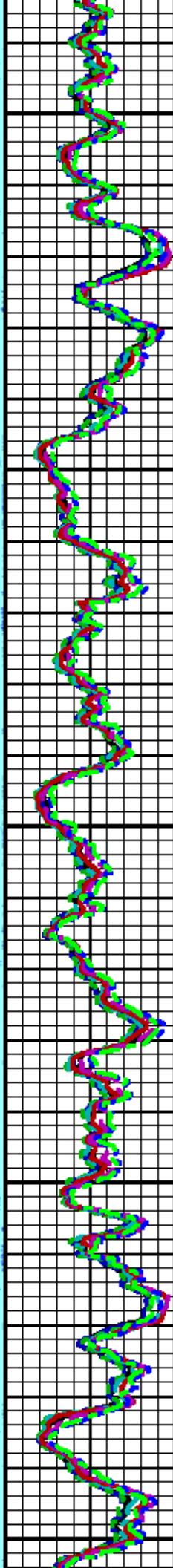
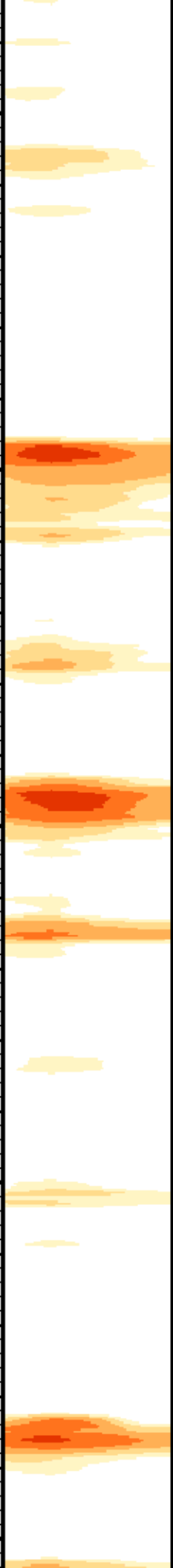


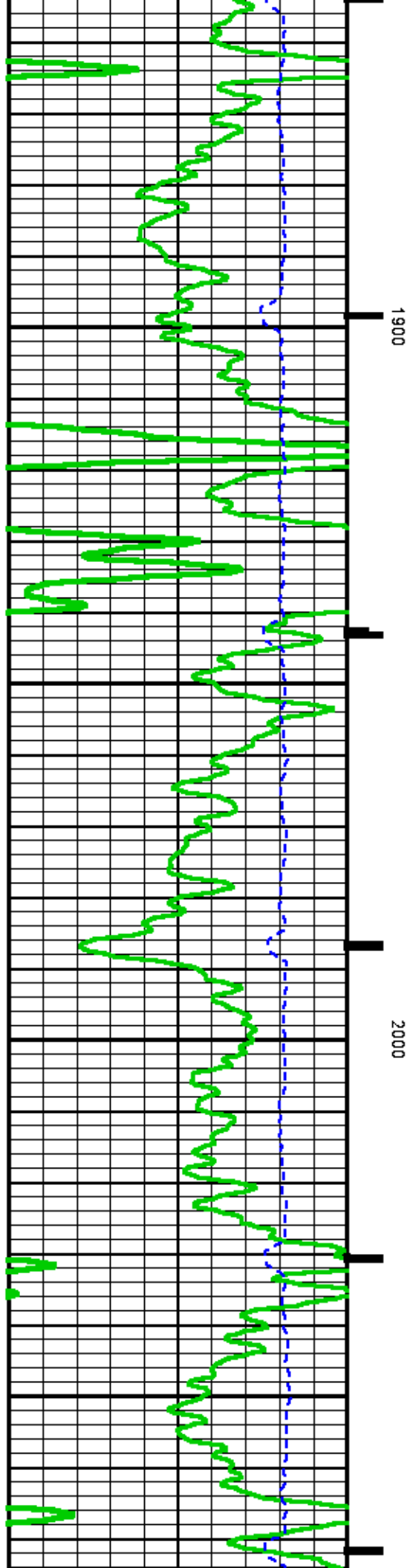
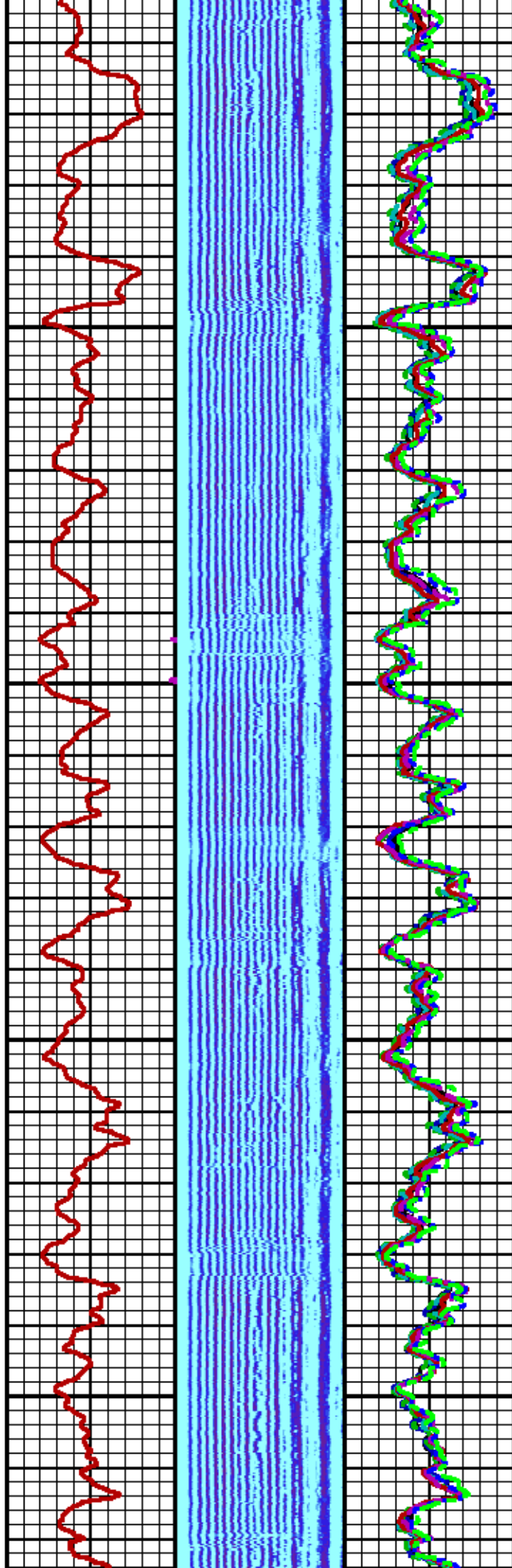
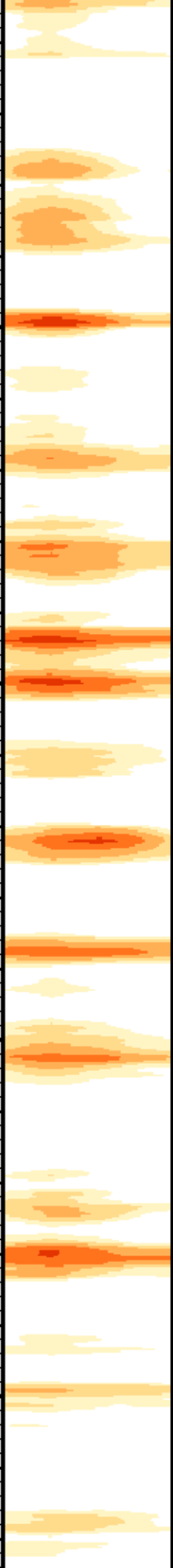




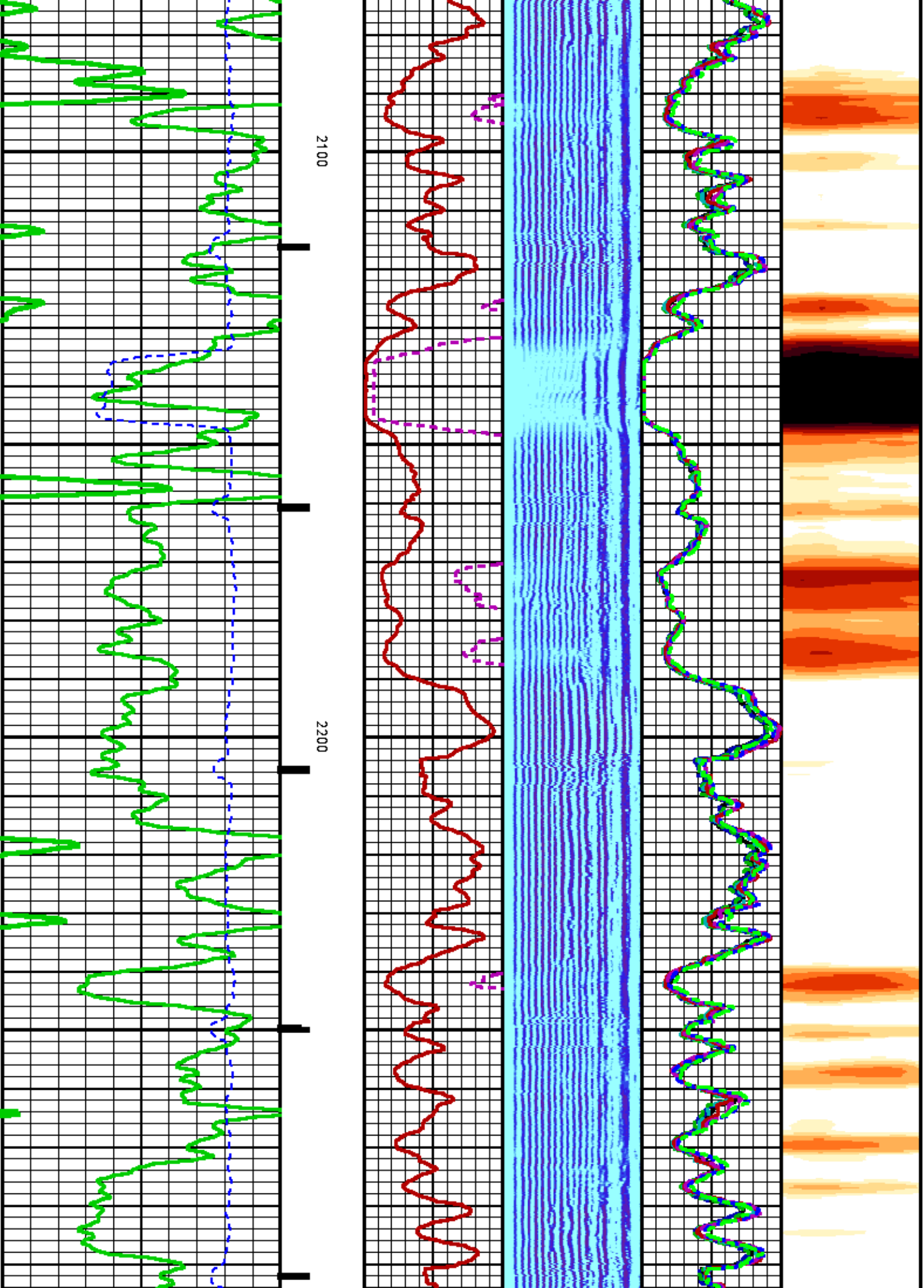




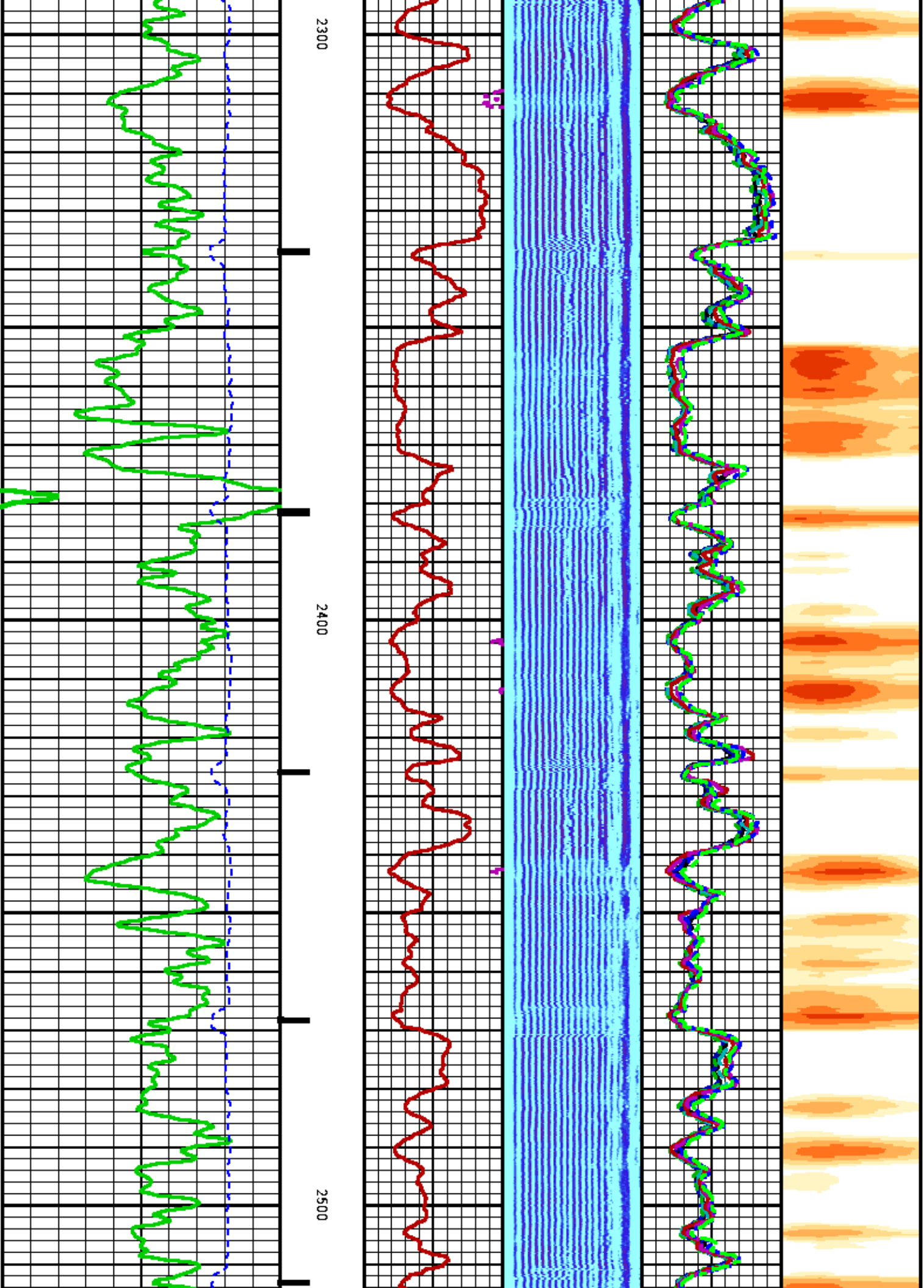


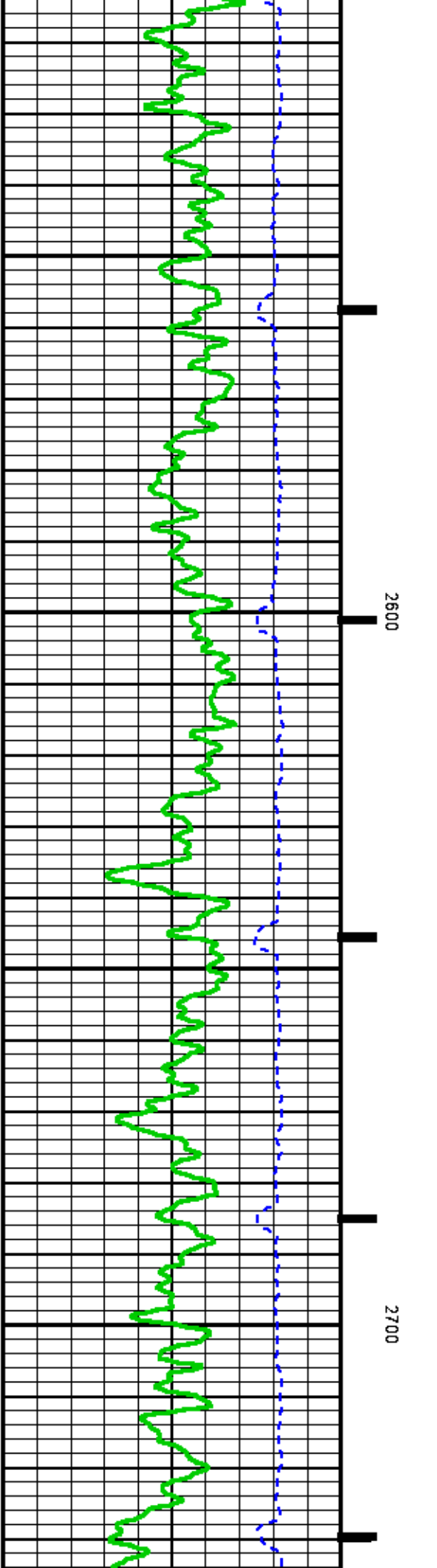
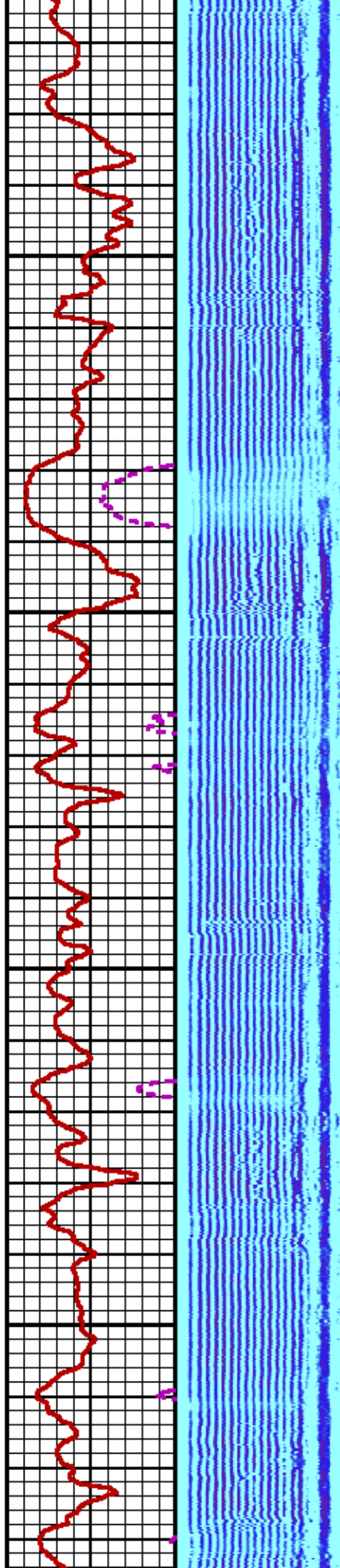
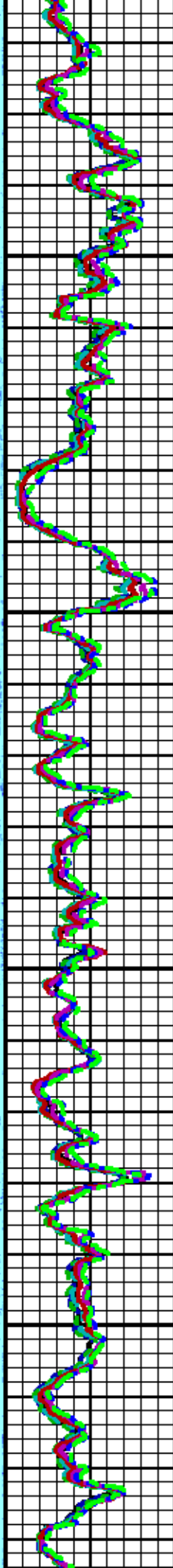
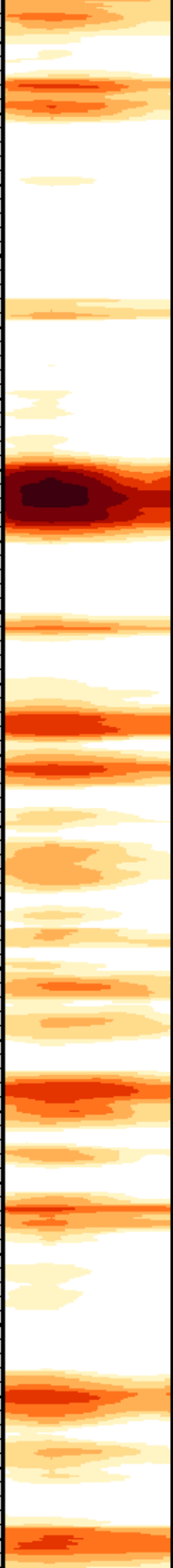


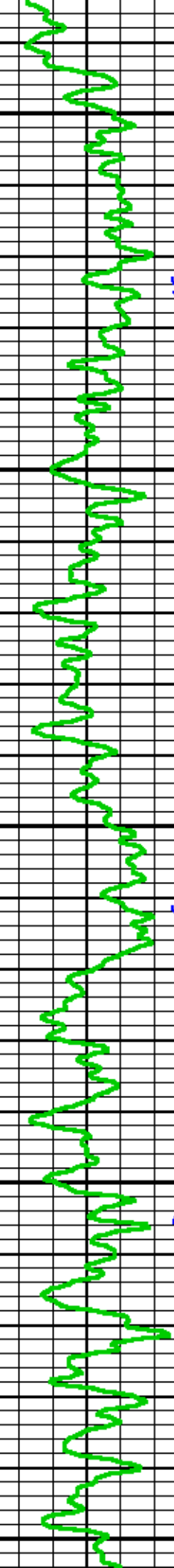
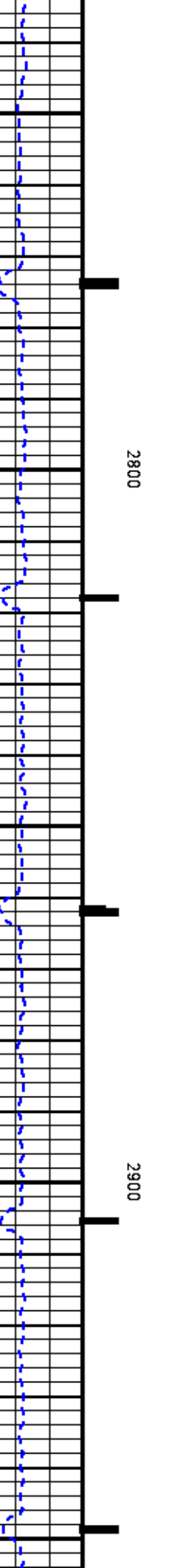
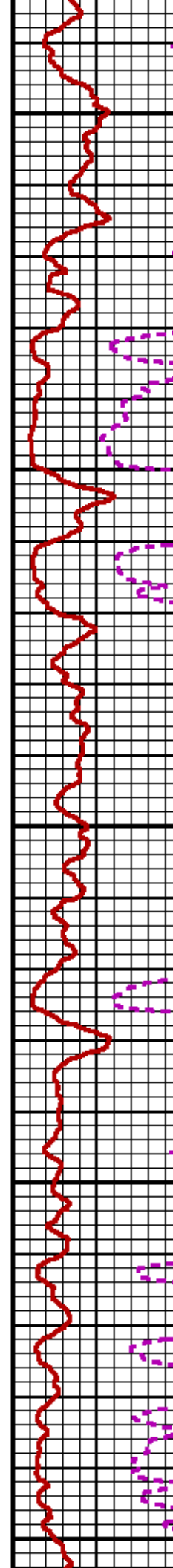
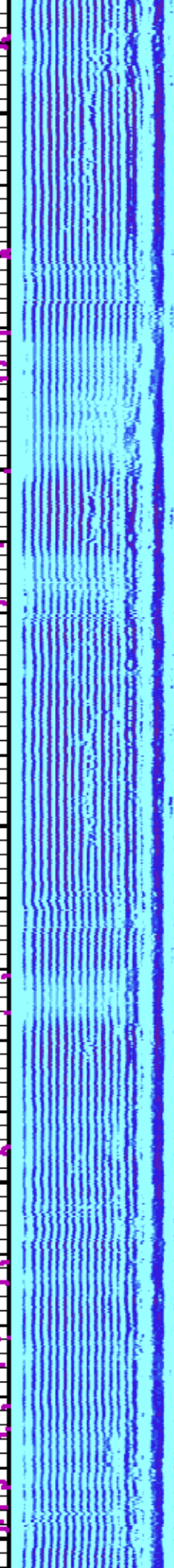
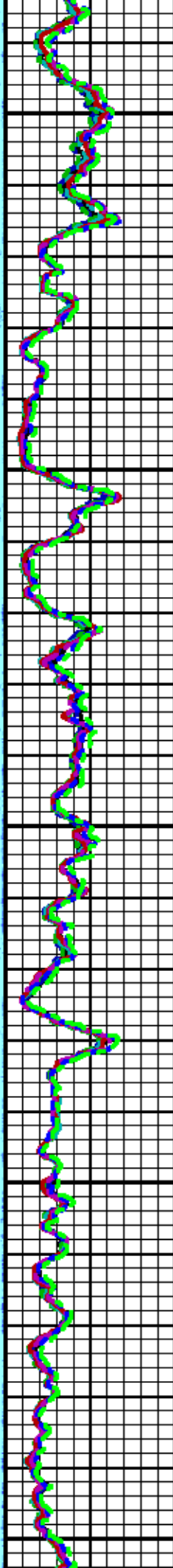
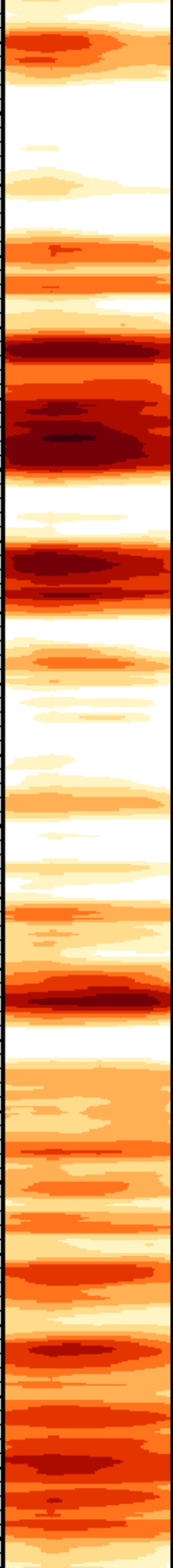




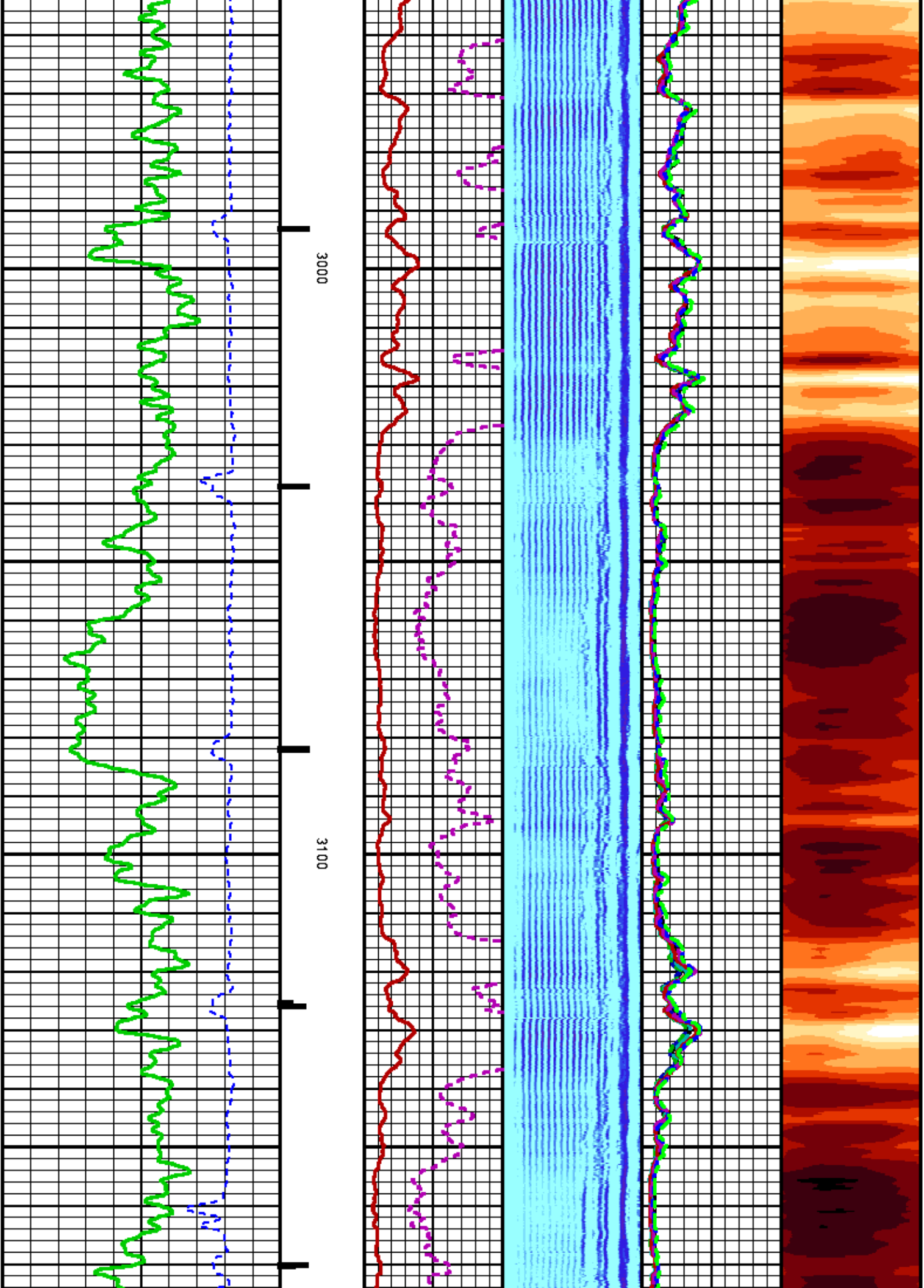




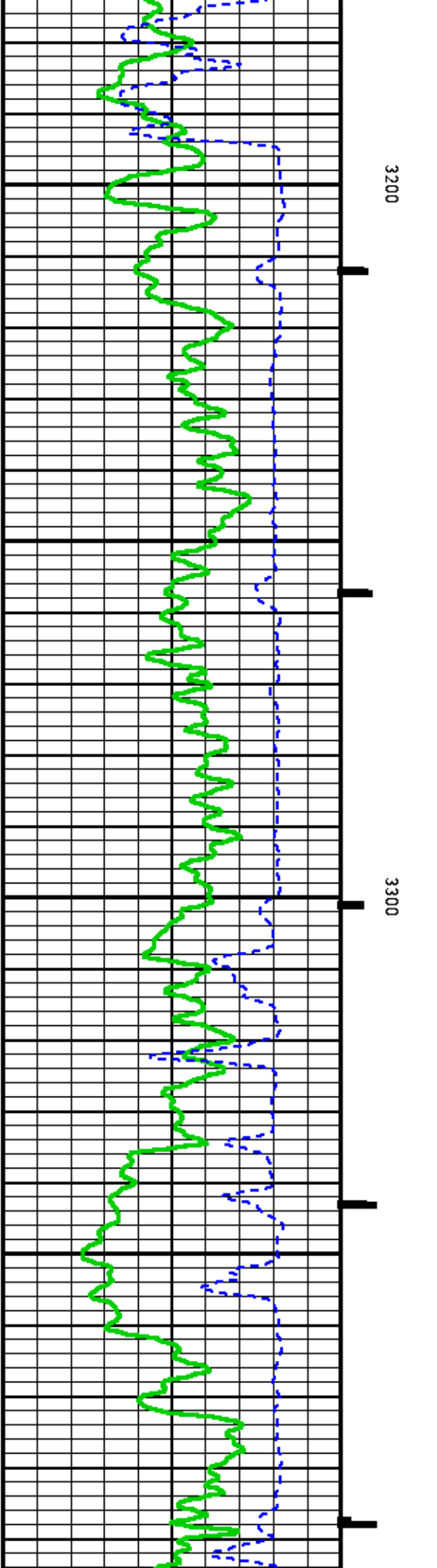
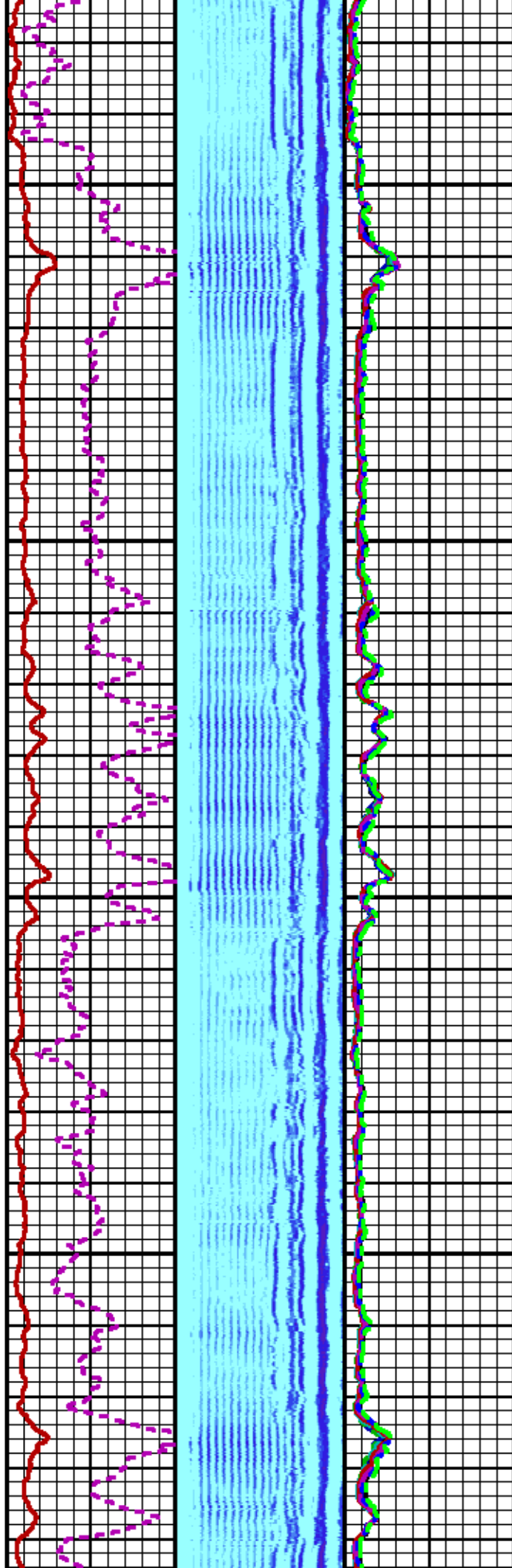
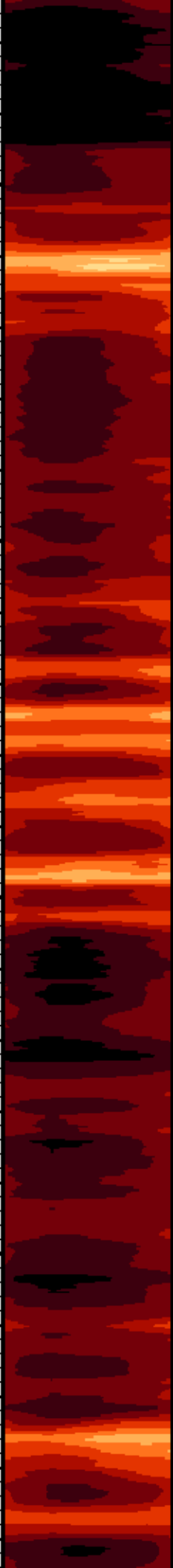


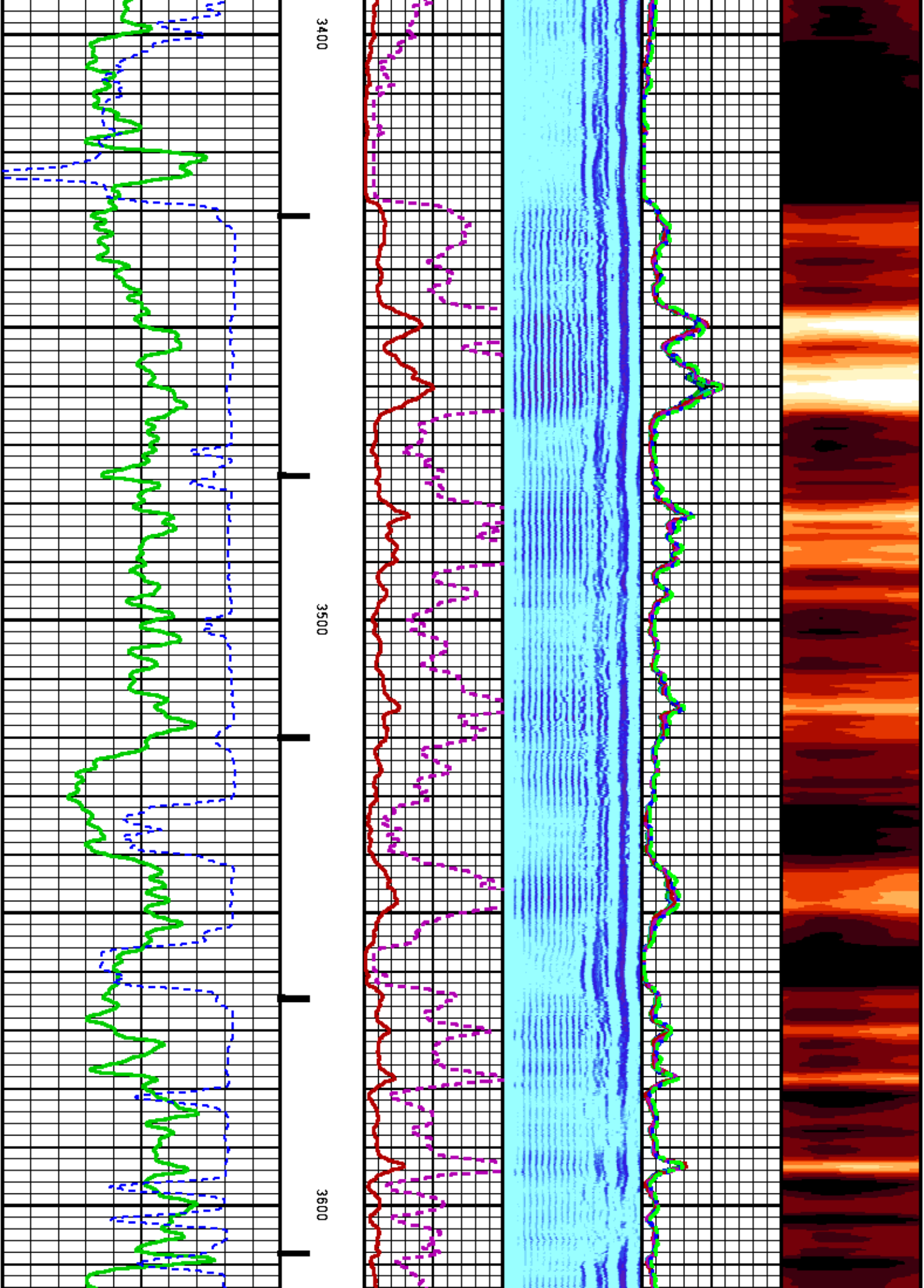


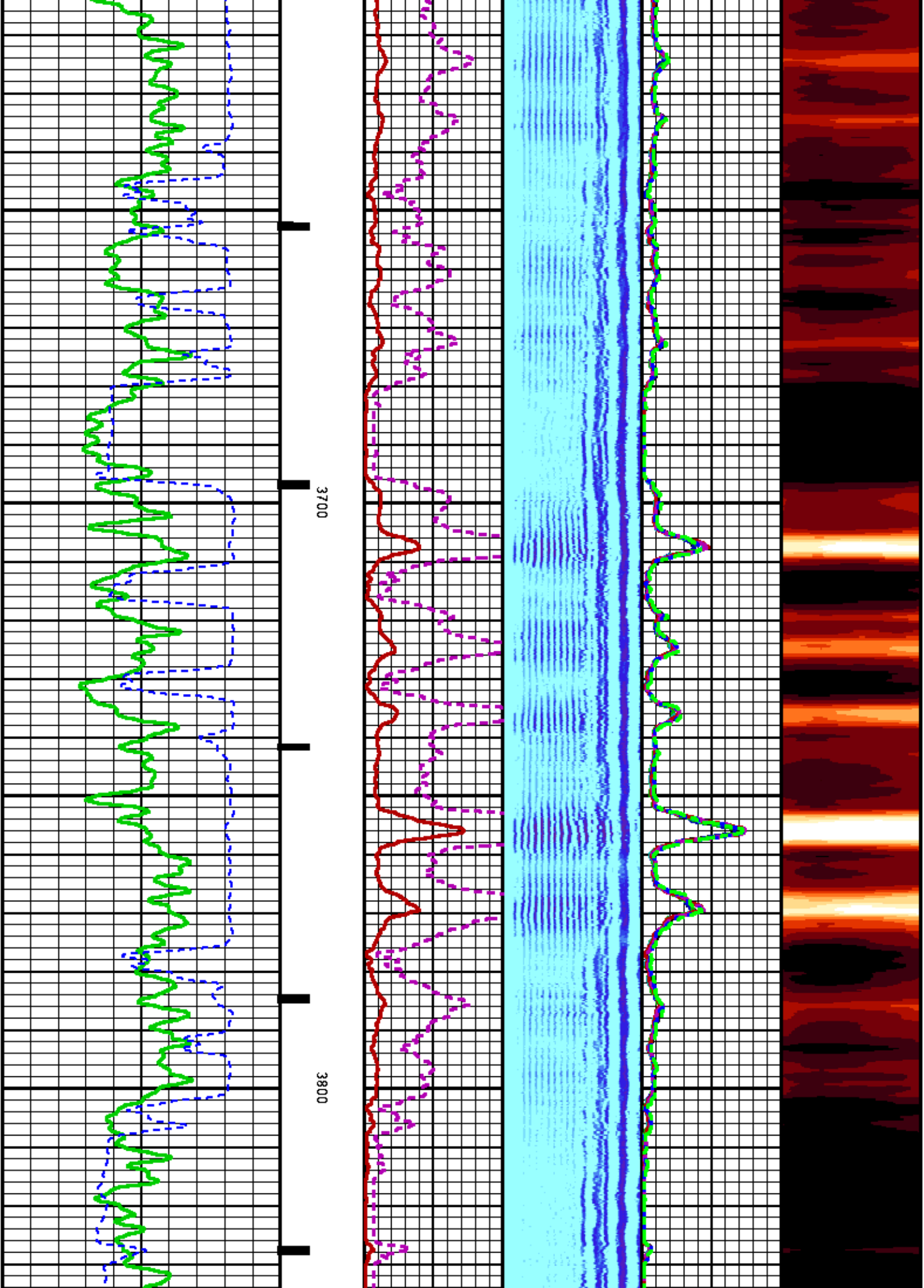








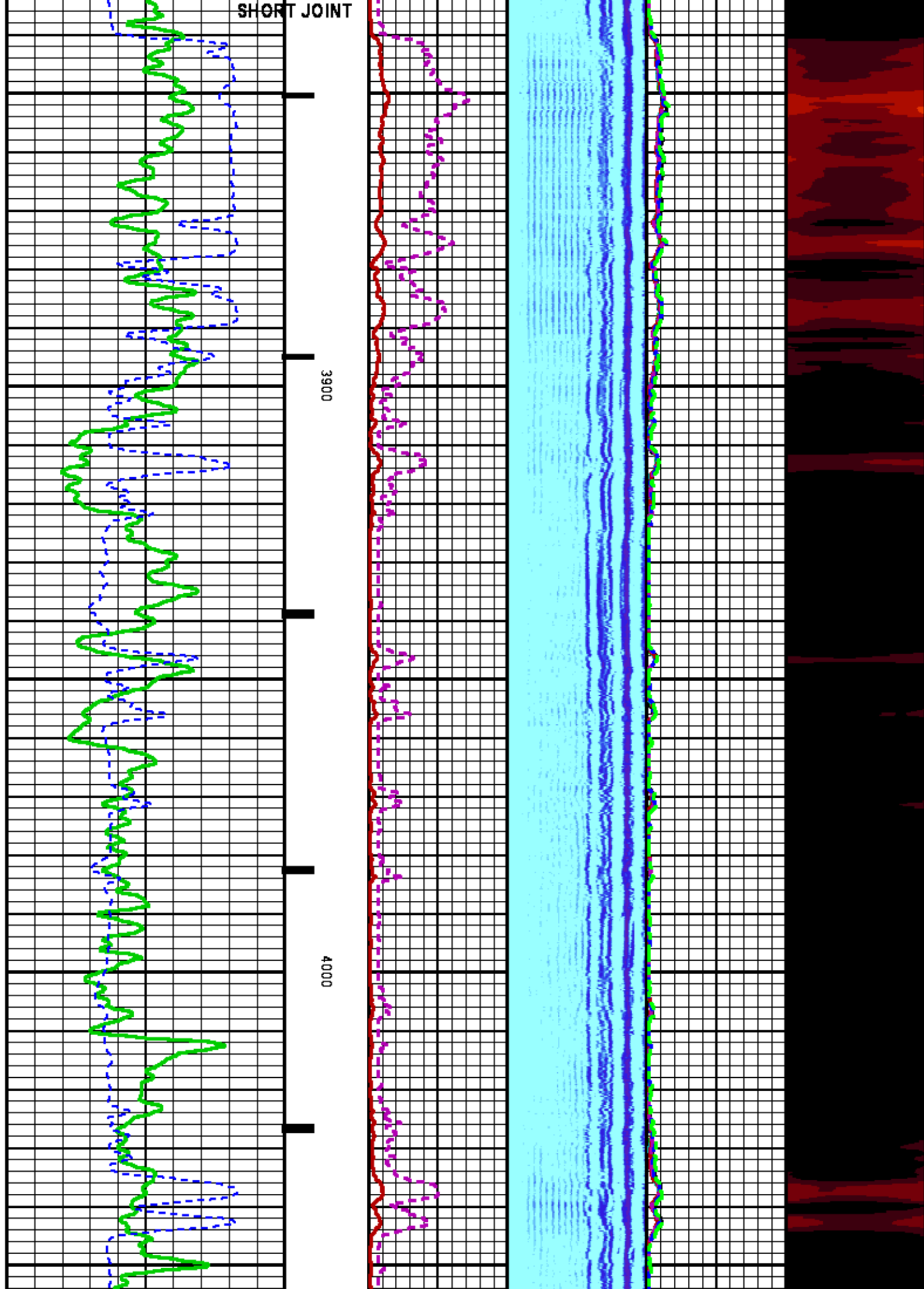




SHORT JOINT

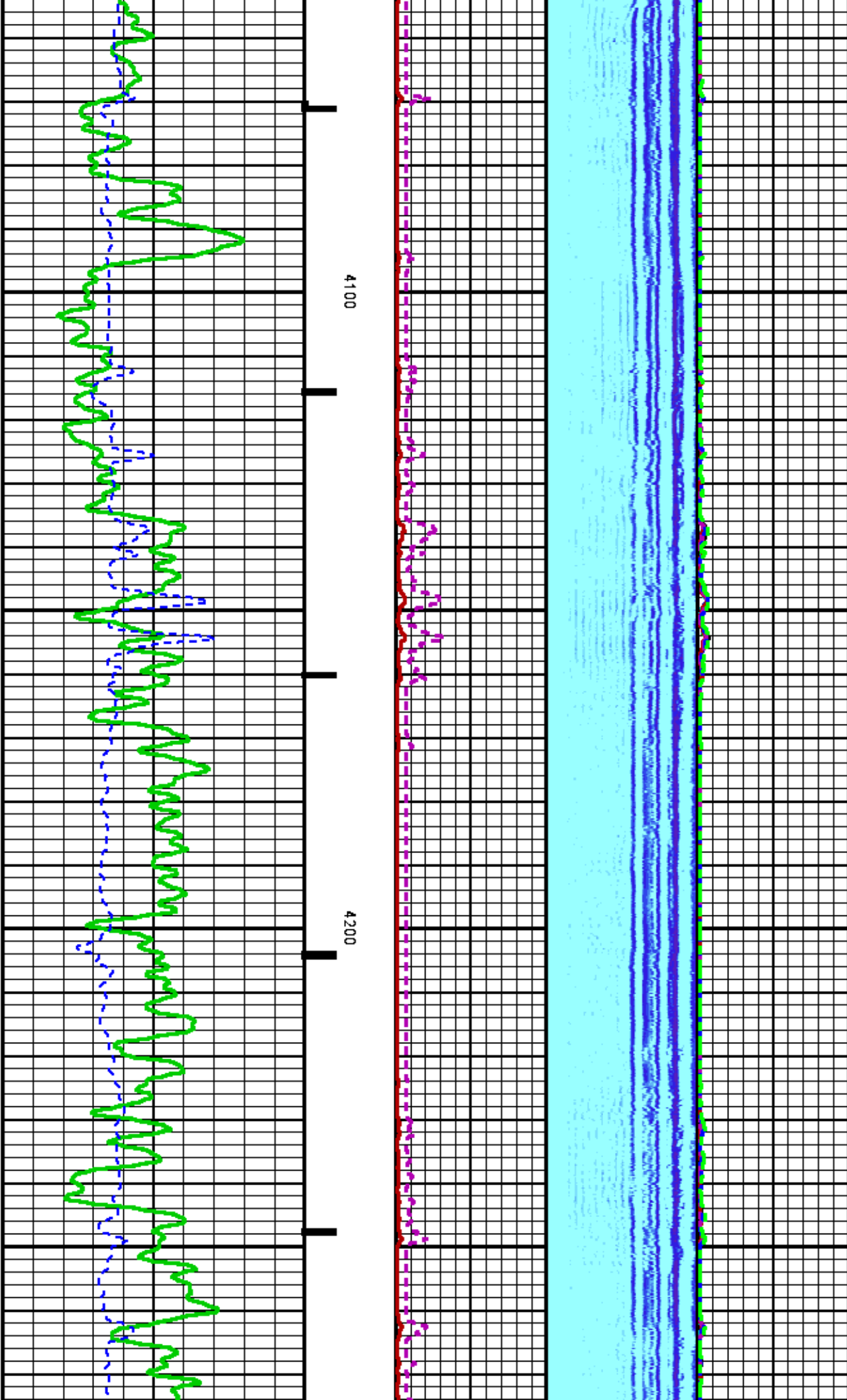
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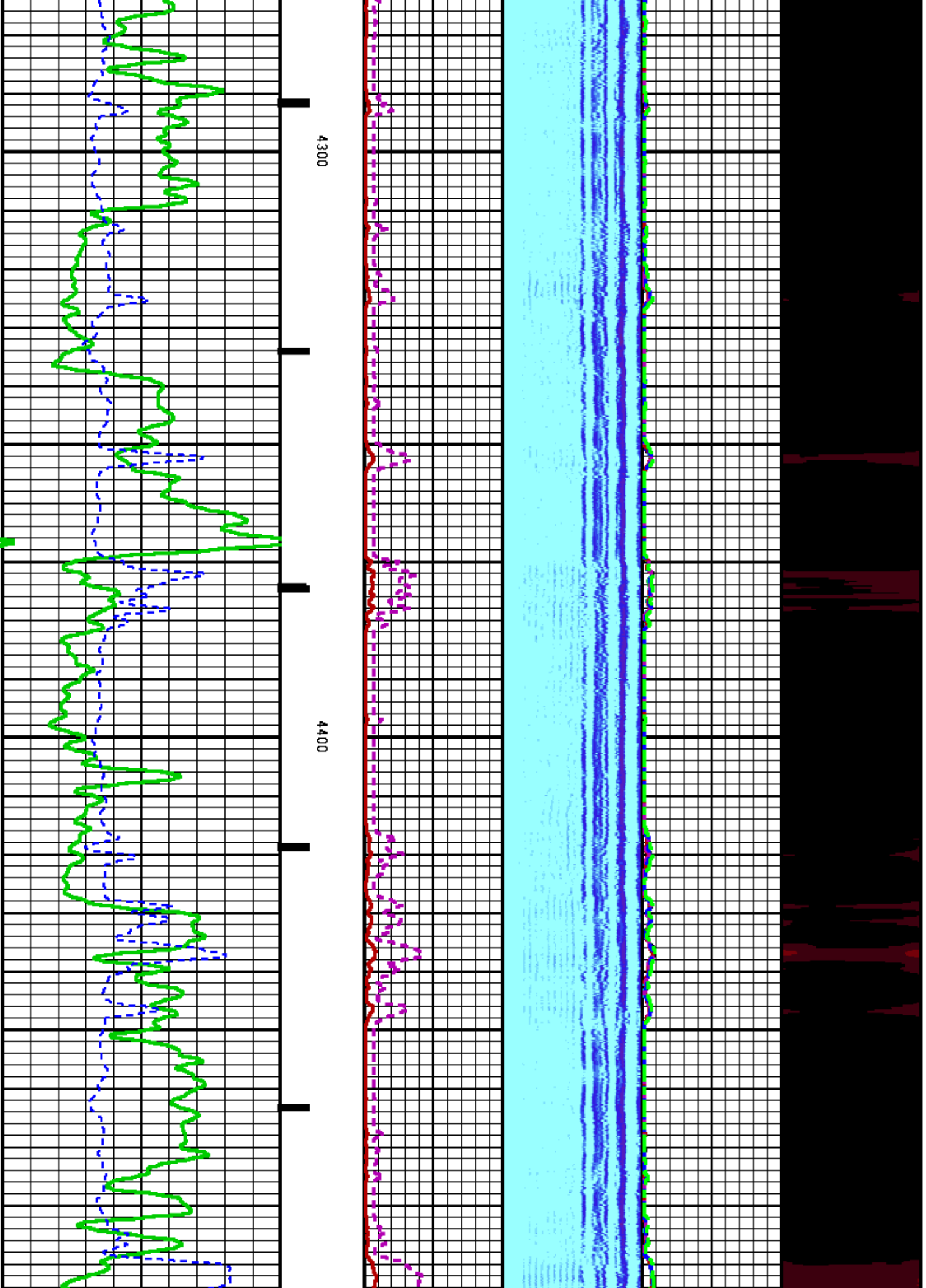
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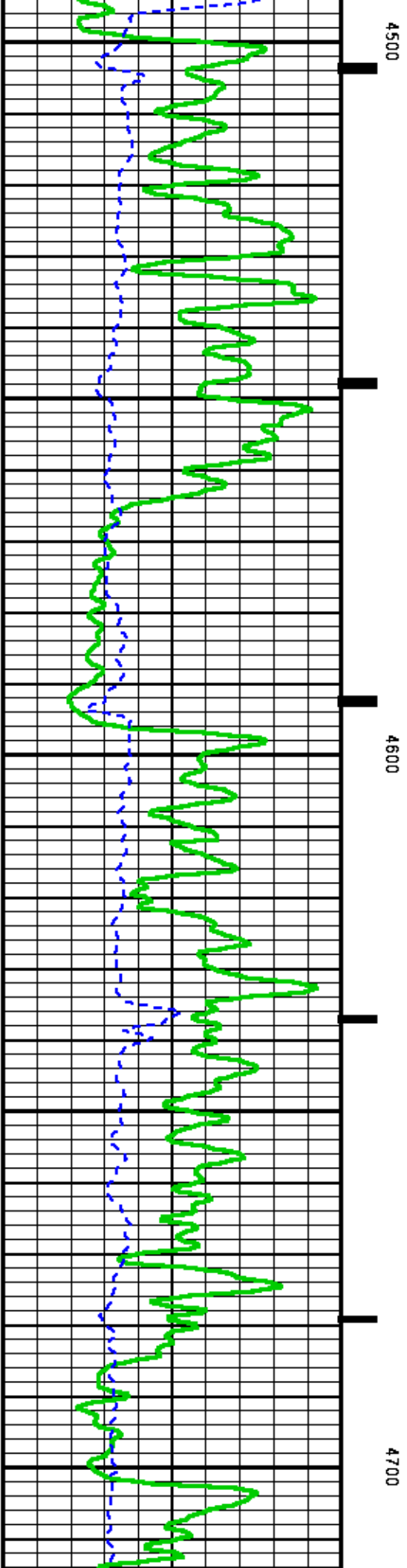
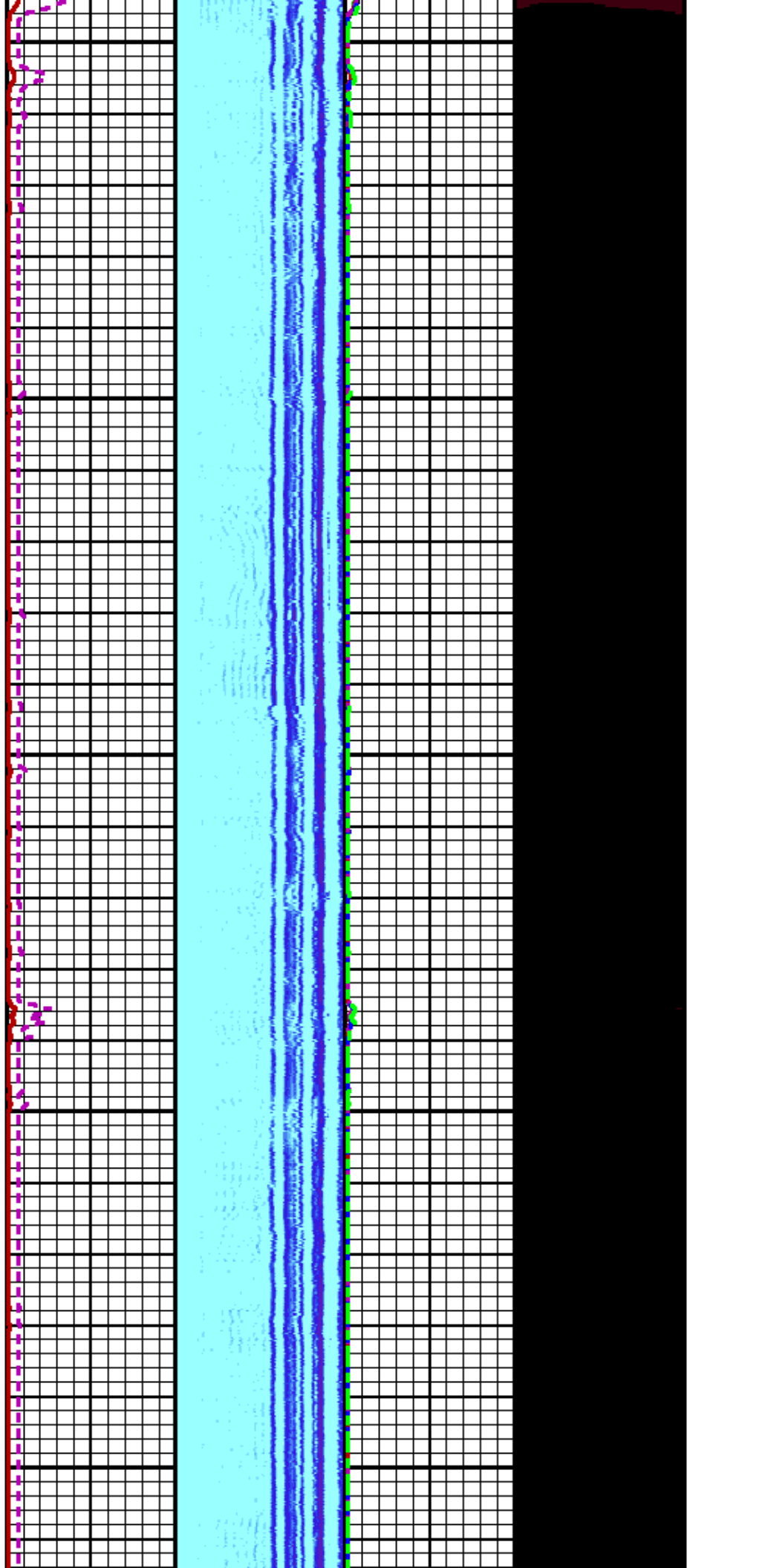


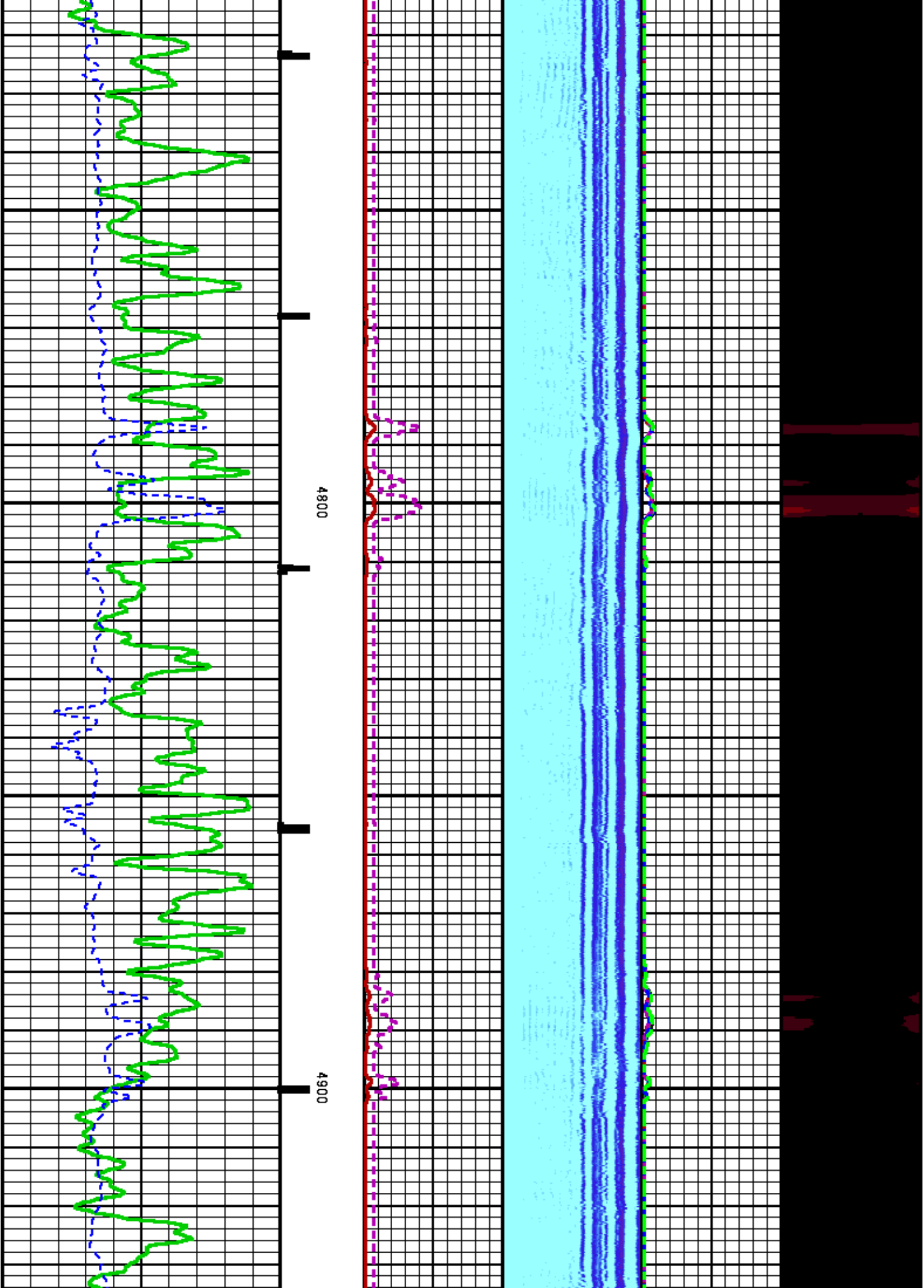


11

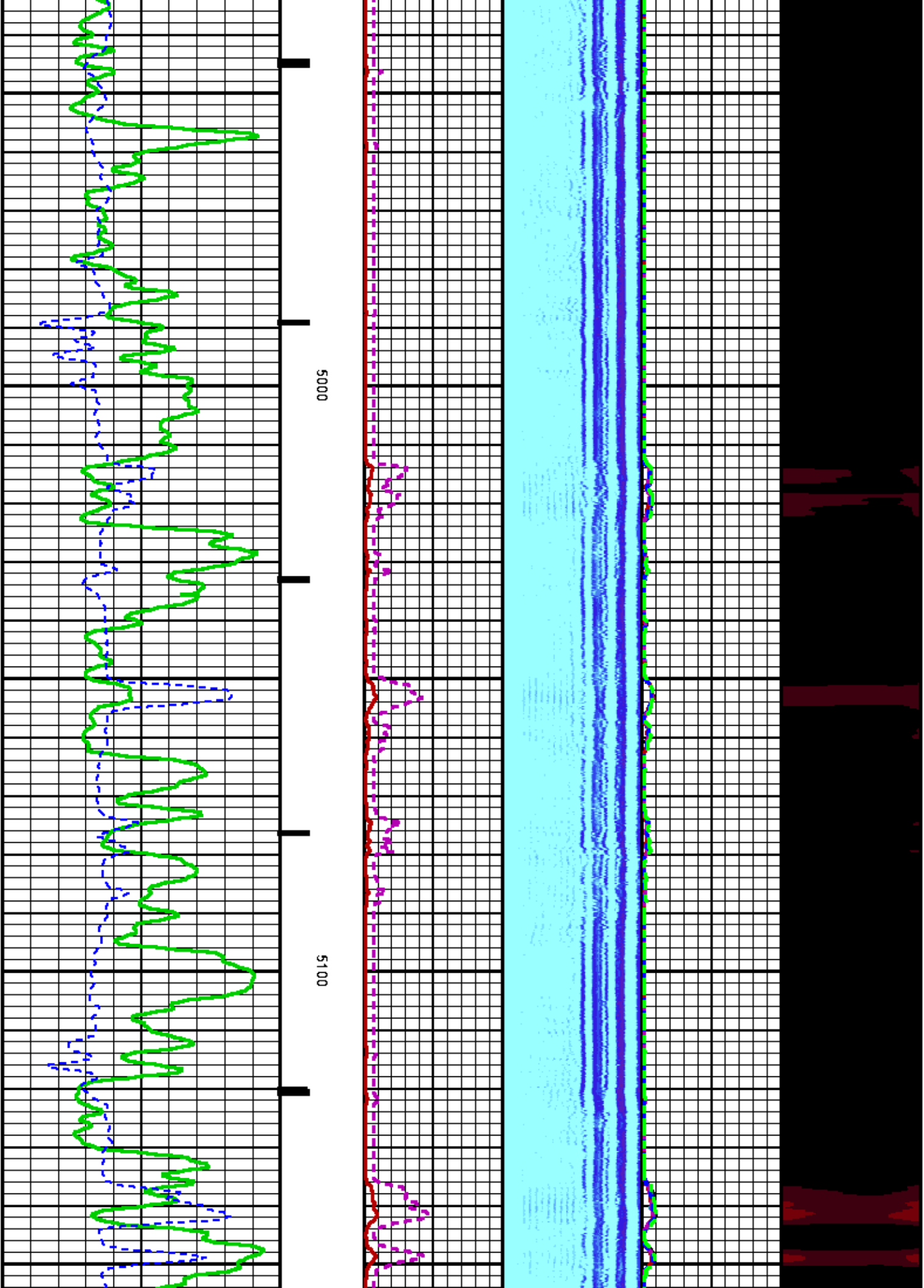


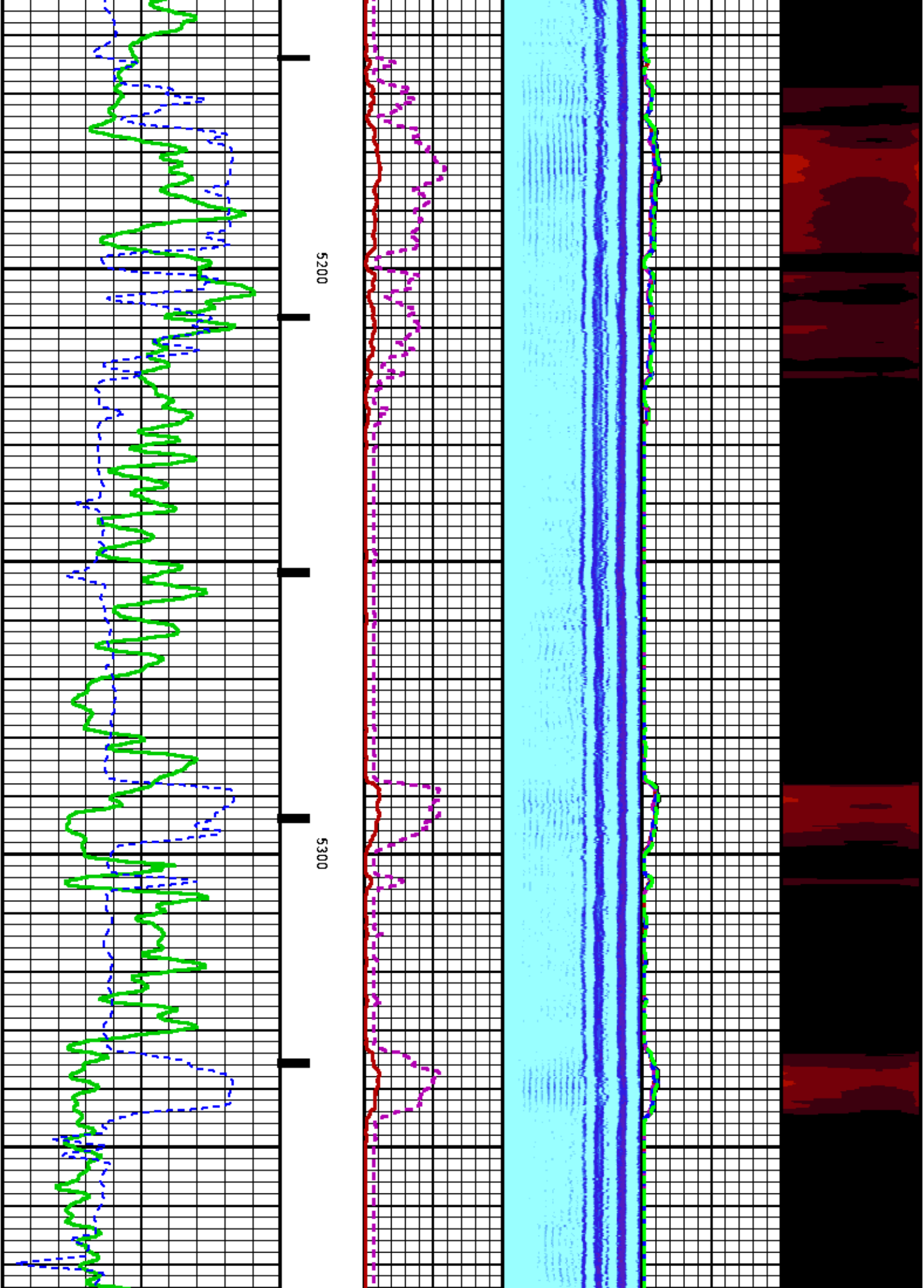


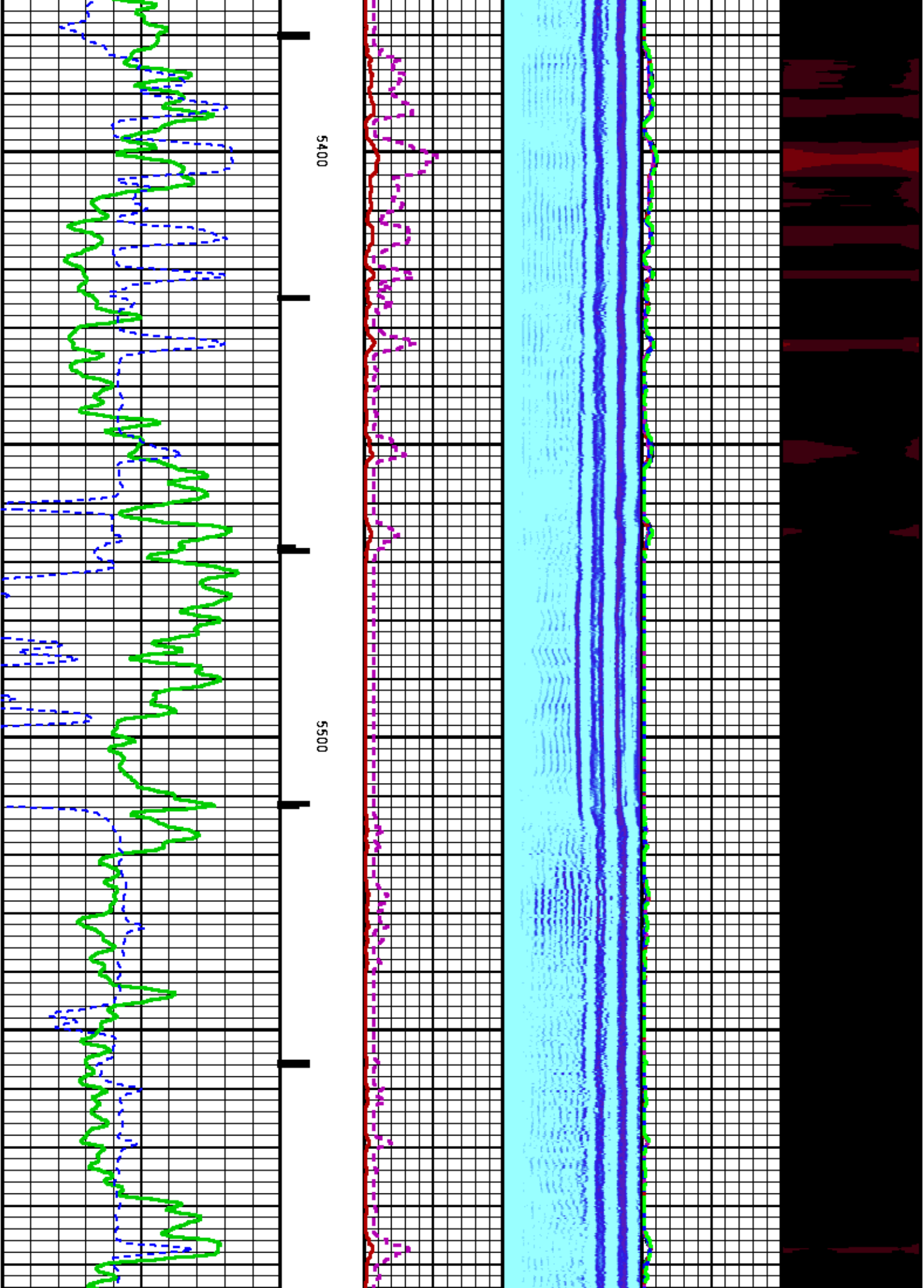


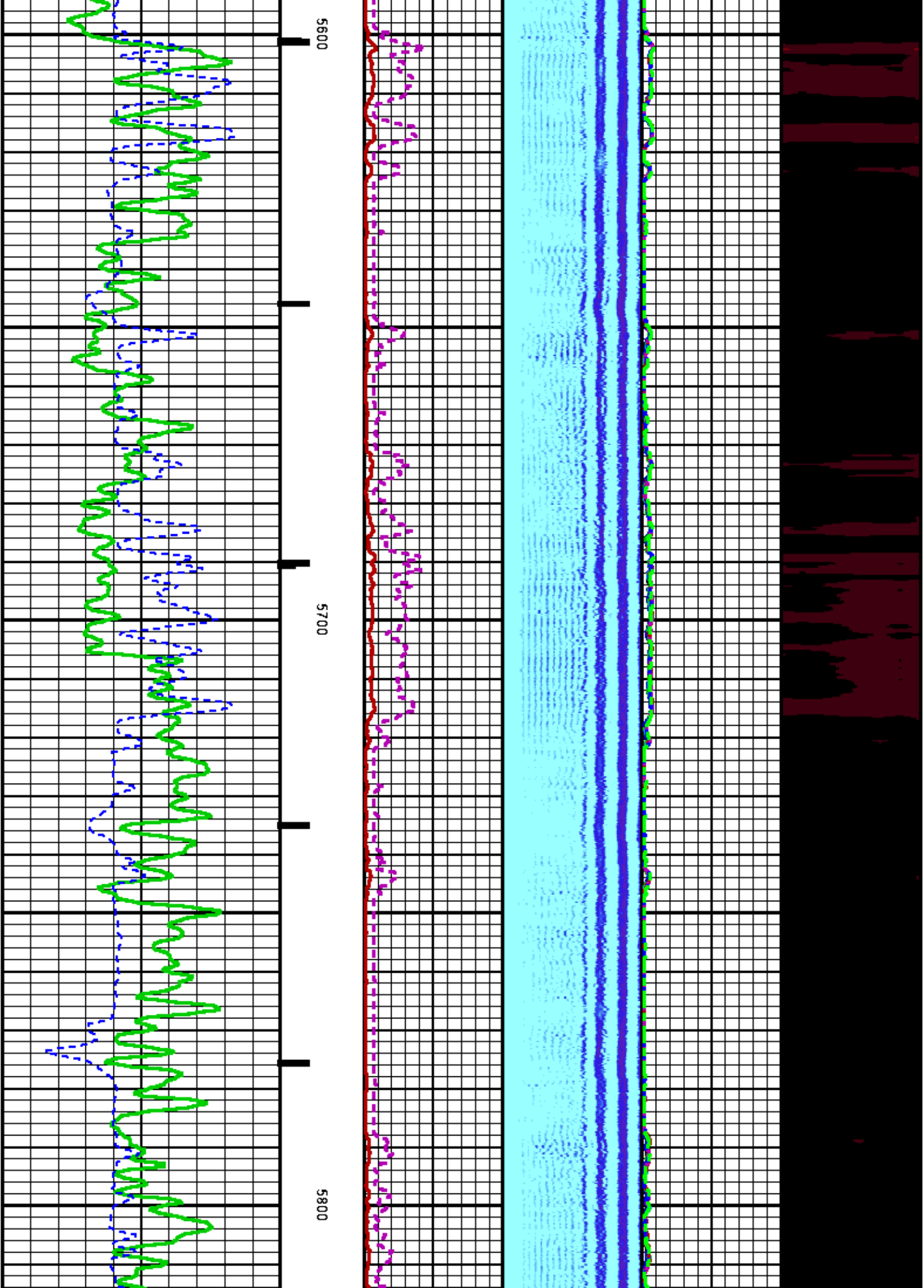




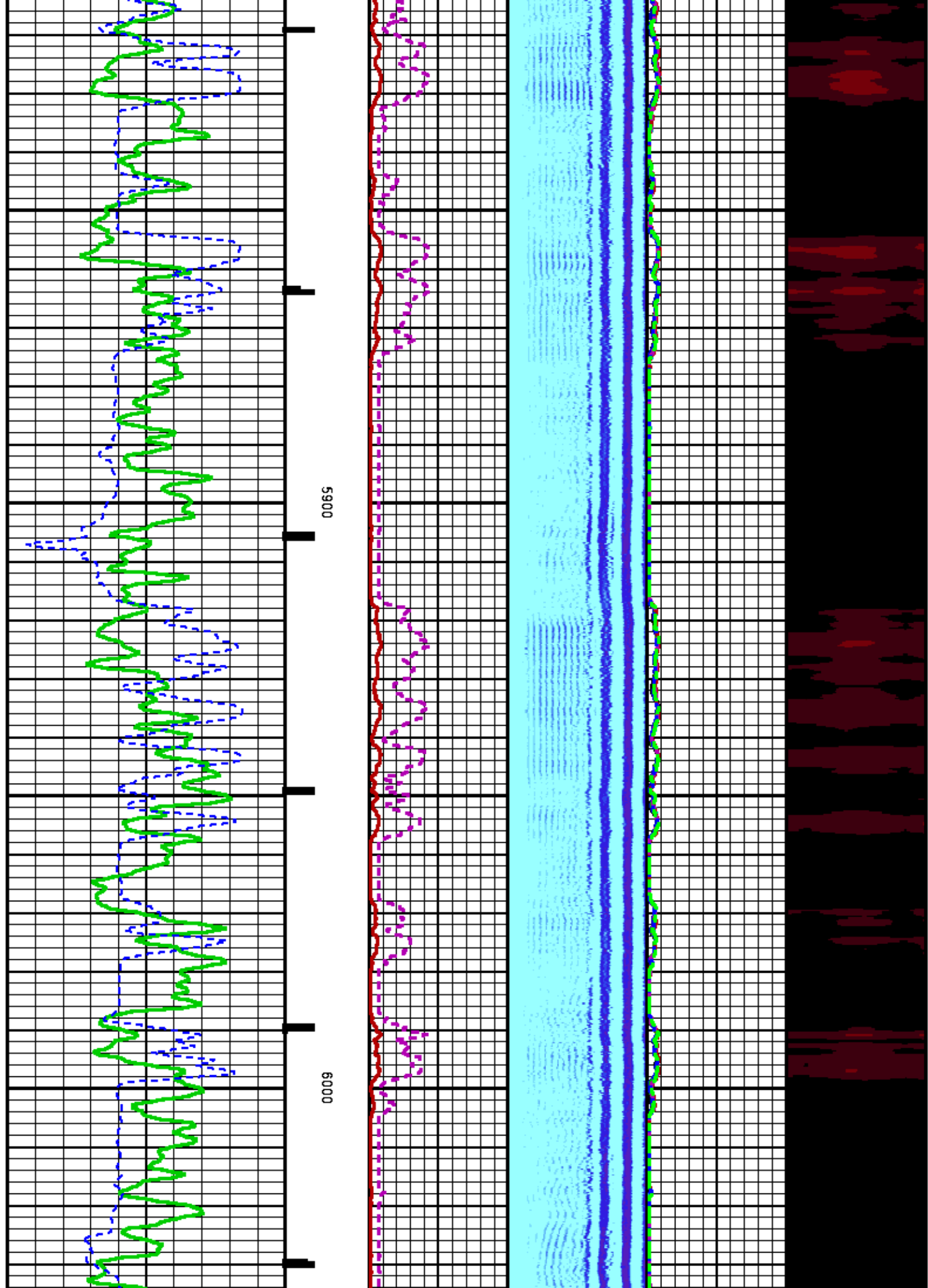


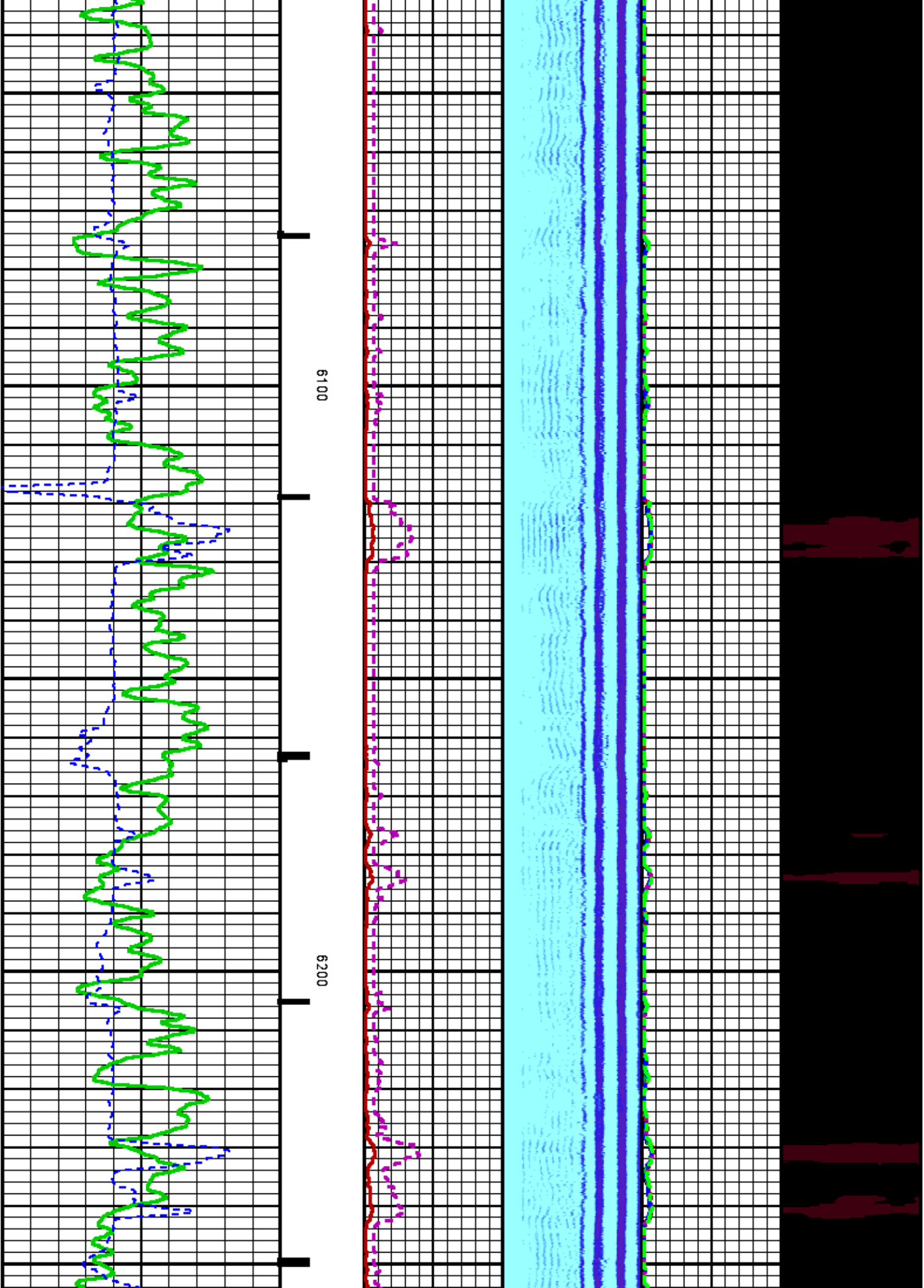


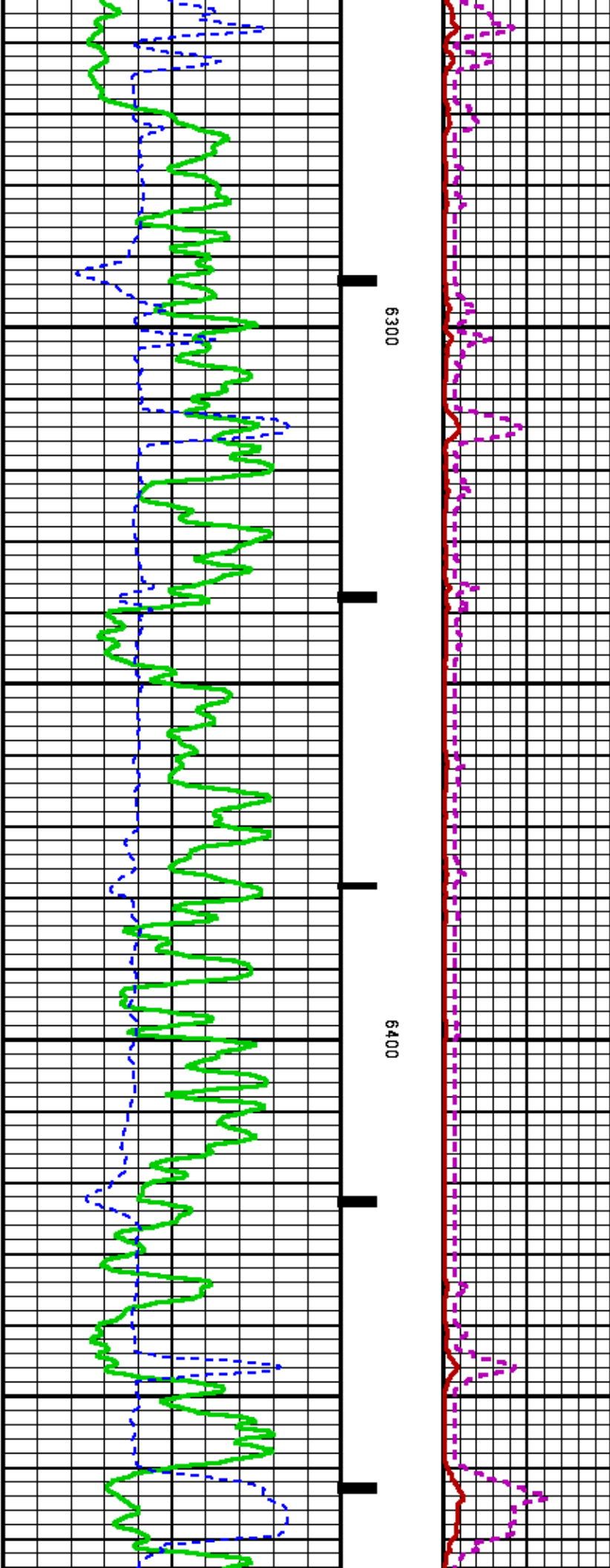
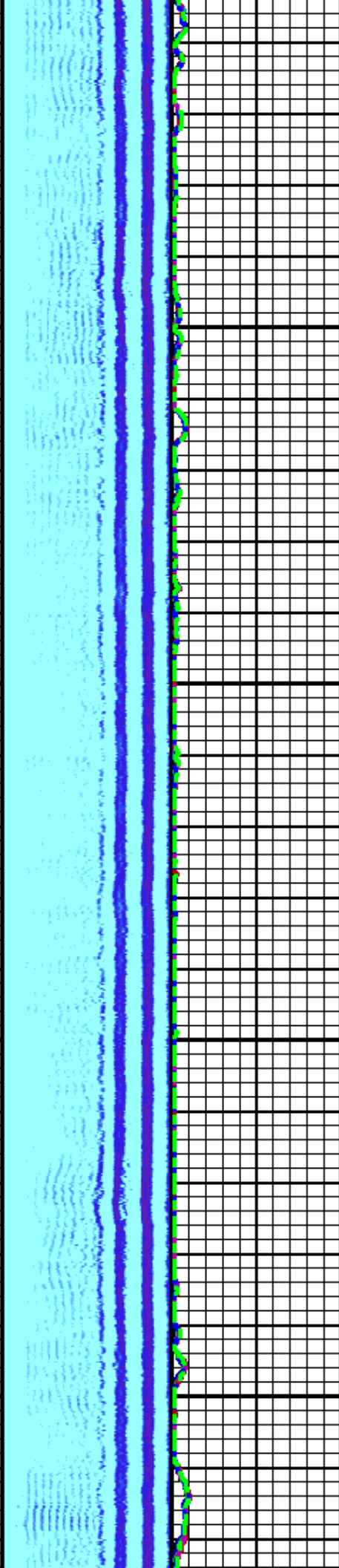
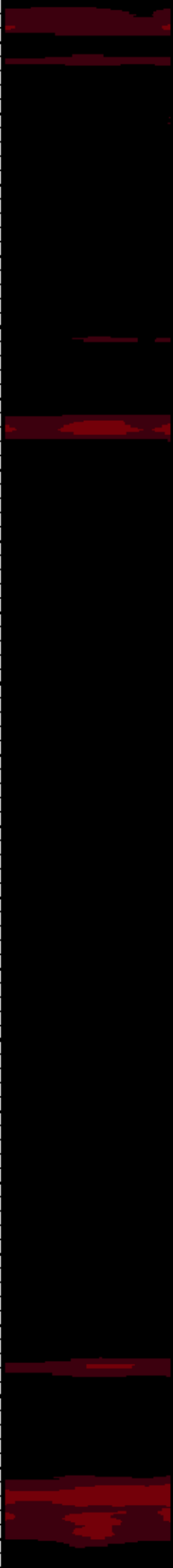


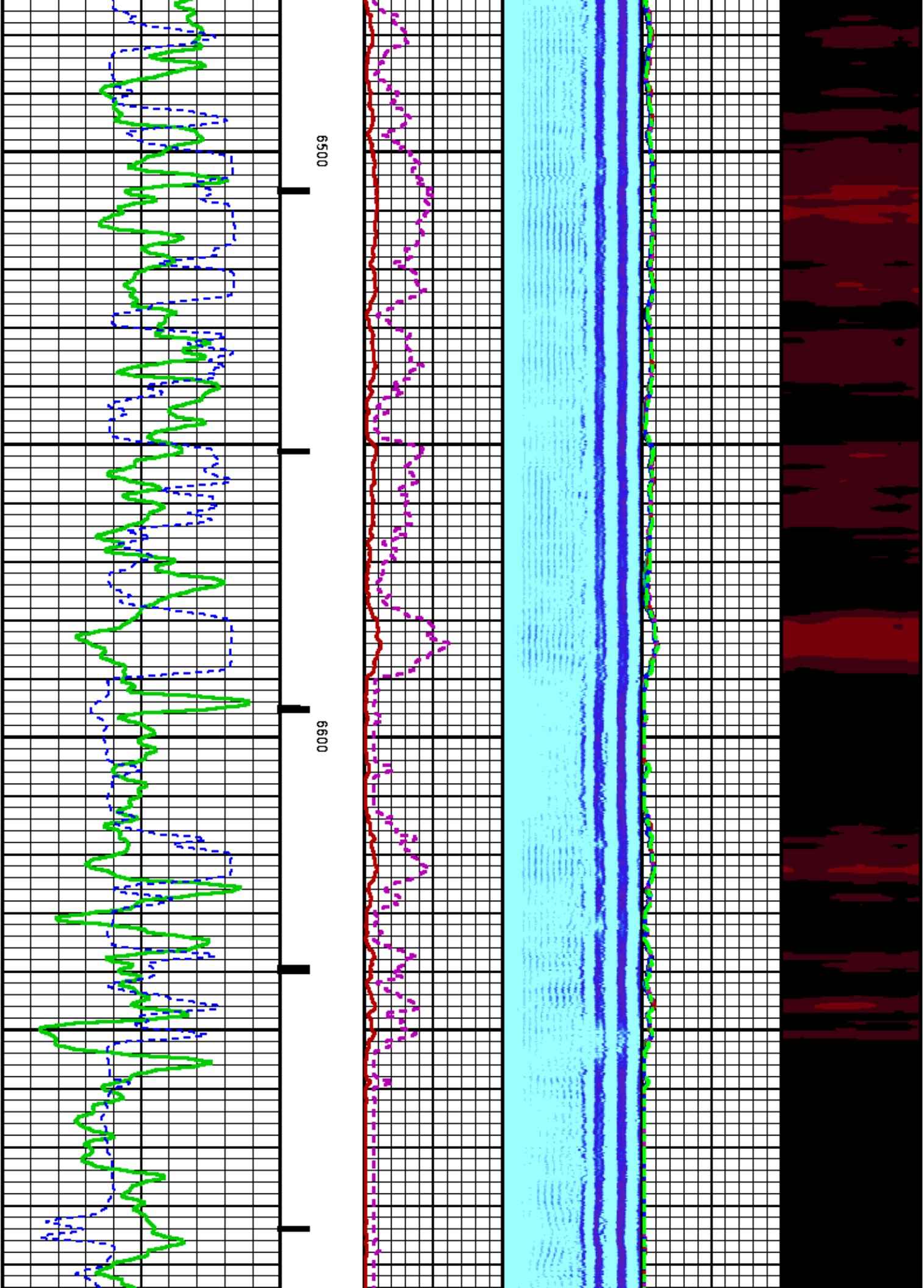




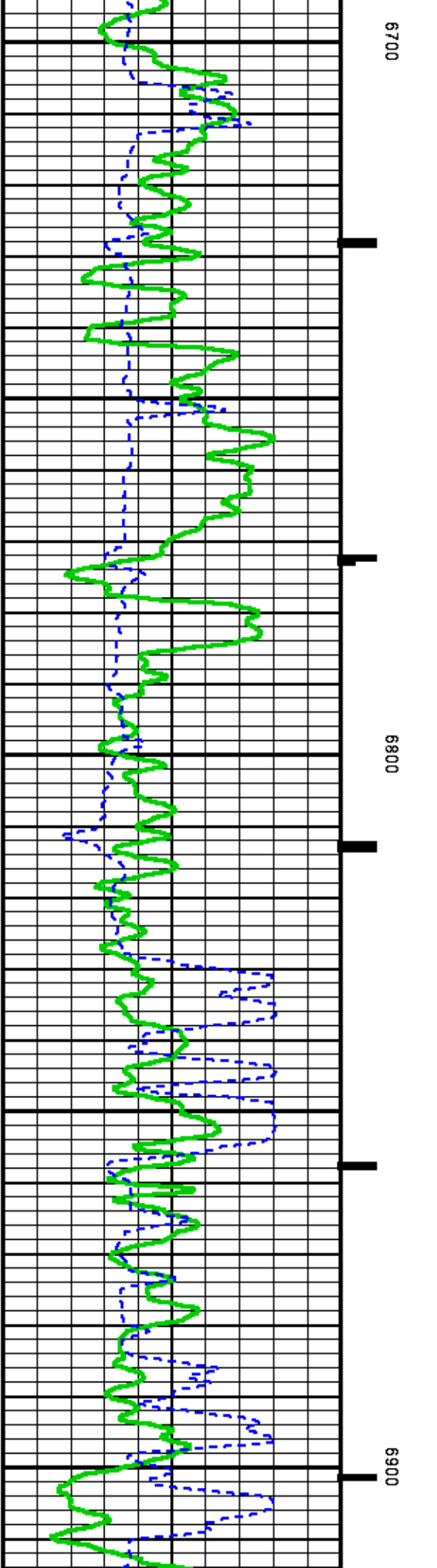
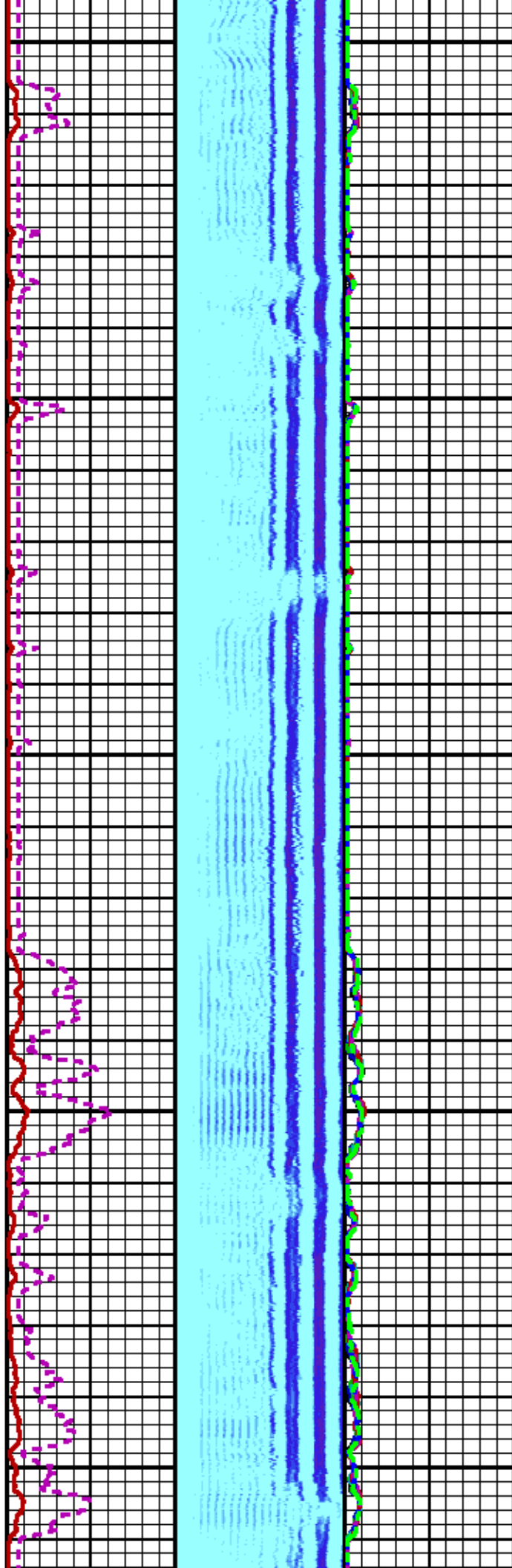


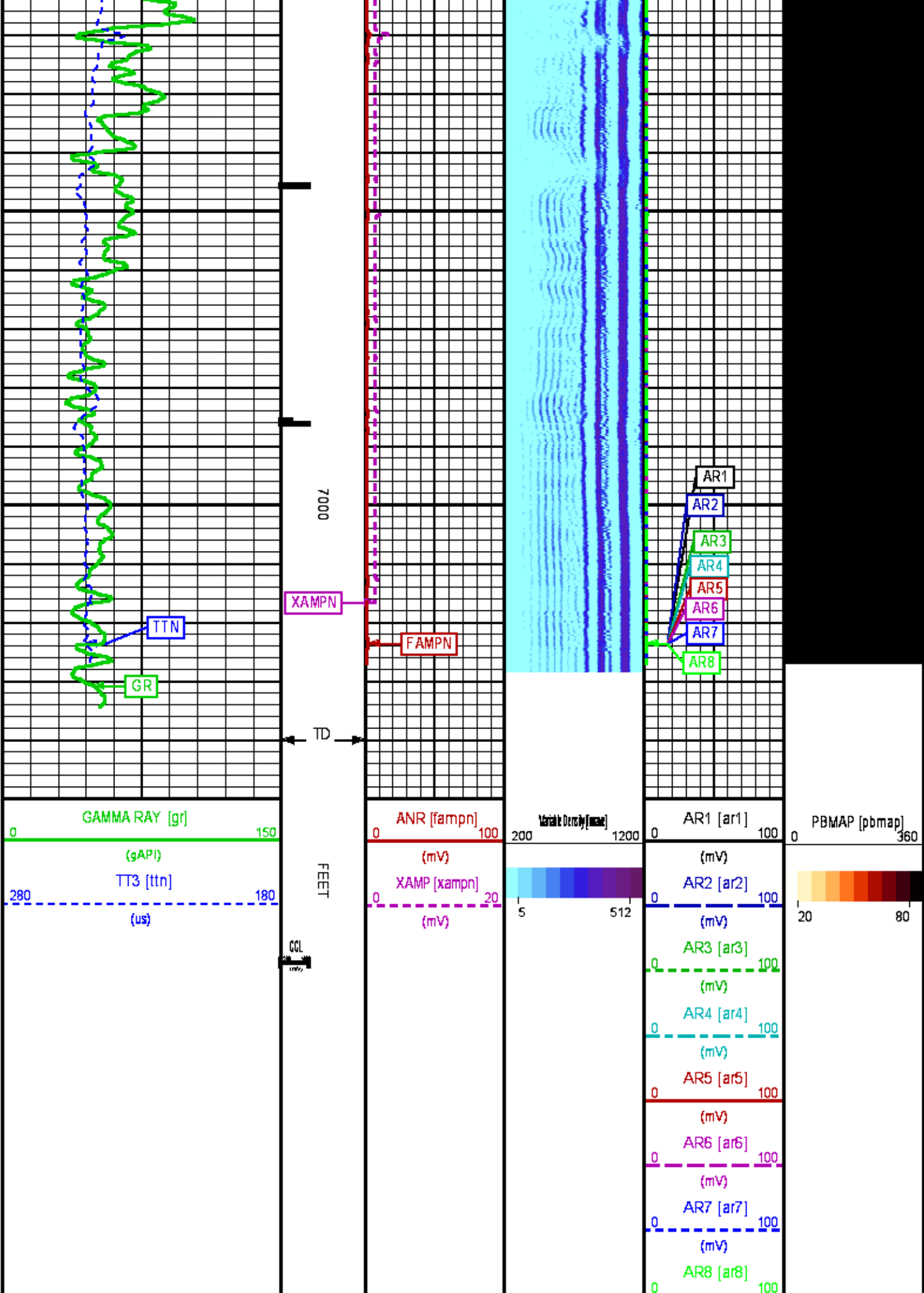












# REPEAT PRESENTATION 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013

Updates: 1

Plotted: Thu May 15 22:37:31 2014

## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH085717/n012e01.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 6654.000 ft BOTTOM DEPTH: 7014.250 ft

### SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER Q	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER Q	light (2a)		"	"
TRAVEL TIME	FILTER Q	medium (1)		"	"

### RAL CCL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM

### ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	160	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-64	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

## CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	May 14 10:17:05 2014	CASING COLLAR LOCATOR
F1:FAMPN	May 14 10:17:05 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	May 14 10:17:05 2014	FAR WAVE FORM
F1:GR	May 14 10:17:05 2014	GAMMA RAY
F1:TTN	May 14 10:17:05 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	May 14 10:17:05 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

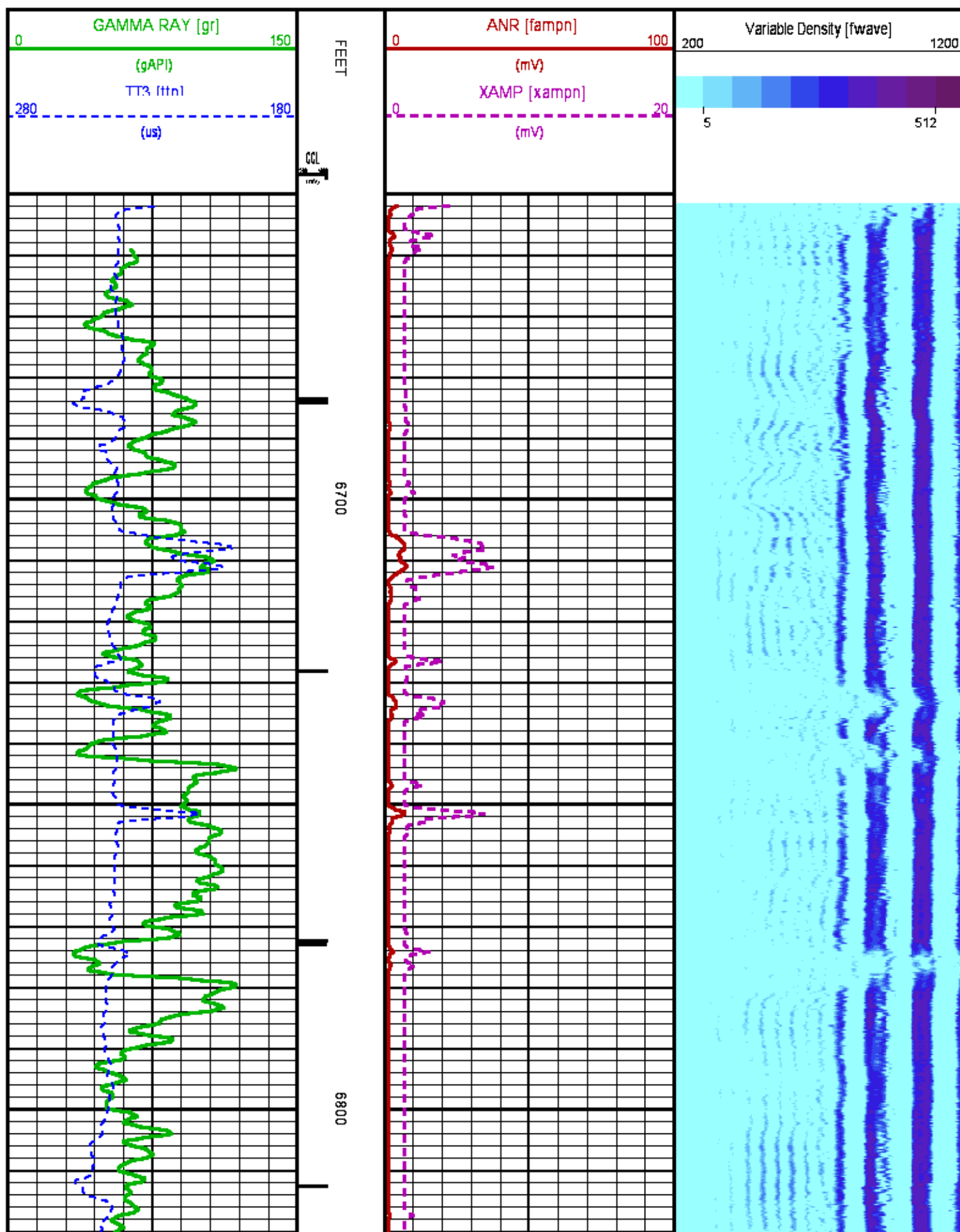
## CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

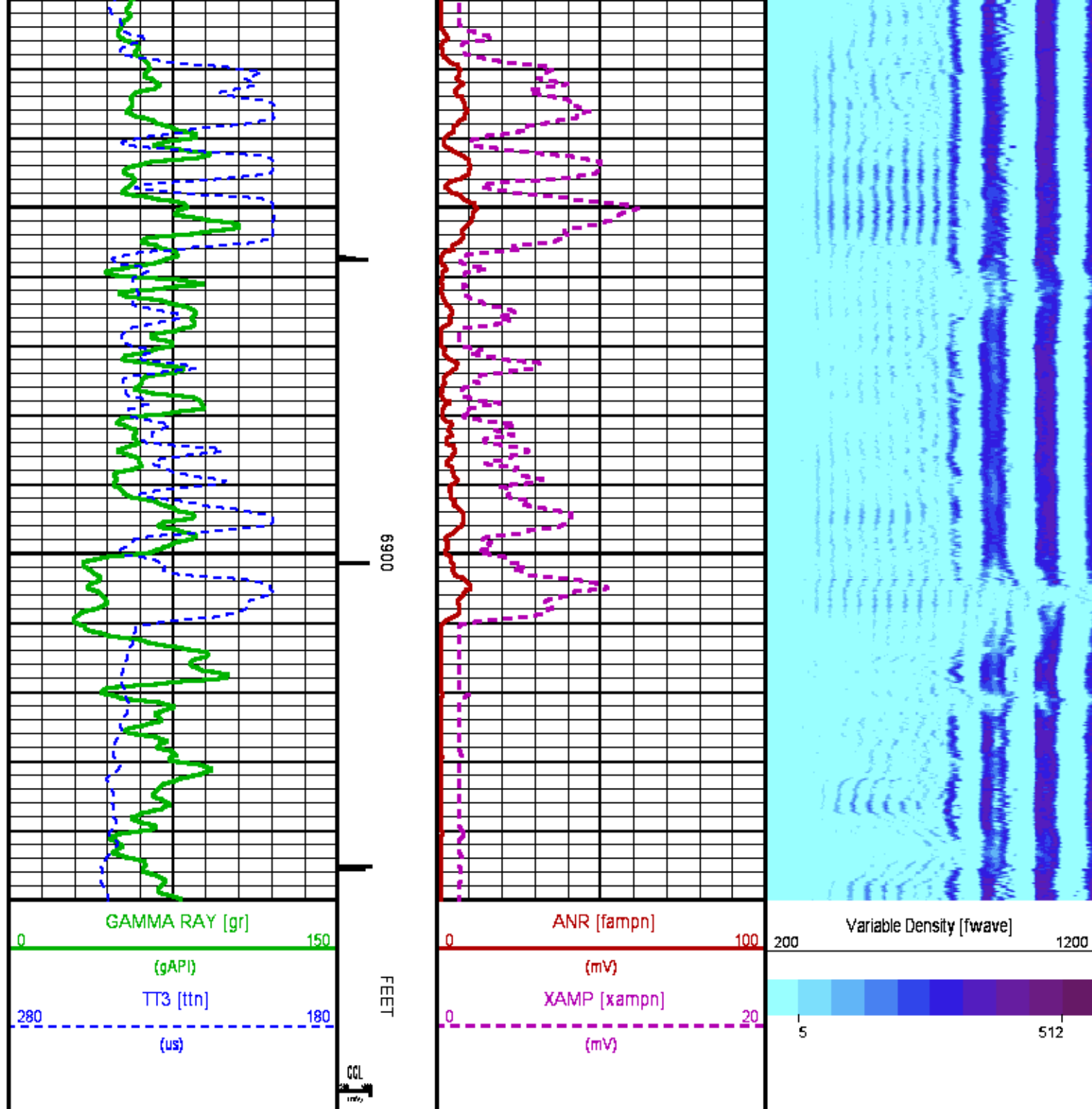
Presentation : HL6670:GM 522\_13\_CBL\_REPEAT\_FINAL.fvpdf [5"/100' Scale]  
 Plot Interval : 6650 - 6950 Feet

Data File 1 : F1 : HL6670:/dat1a/CH085717/REPEAT.xtf

Created On : May 14 10:17:05 2014  
Company : WPX ENERGY INC  
Well : C&C ENERGY GM 522-13  
Field : GRAND VALLEY  
File Interval : 6650.75 - 7036.25 Feet  
OCT : n012e







## CALIBRATION / VERIFICATION SUMMARY

Source File: /mnt1a/CH085717/WPX\_RAL.tst

### RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10154957

DATE/TIME PERFORMED:

Wed May 14 09:12:28 2014

UNIT #: 3880TA HL6670

	NEAR (mV)	RADIAL (mV)	FAR (mV)
TARGETS	100.00	100.00	150.00

	NEAR	R1	R2	R3	R4	R5	R6	R7	R8	FAR	CAL
ZERO (mV)	-1.72	-0.90	-0.78	-0.82	-0.90	-0.91	-0.98	-1.01	-0.92	0.02	-0.00
AMP FLUID (mV)	335	324	319	318	321	318	321	323	320	568	311
TT (uS)	216	217	217	216	216	215	215	214	217	315	216
M FACTOR	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.26	0.32

RAL BEFORE LOG VERIFICATION SUMMARY												
TOOL #:	1426XA 10154957			DATE/TIME PERFORMED:	Wed May 14 09:17:41 2014			DAYS SINCE CAL:	0			
UNIT #:	3880TA HL6670			CABLE #:	006670 SMALL0							

	NEAR	R1	R2	R3	R4	R5	R6	R7	R8	FAR	CAL
ZERO (mV)	-0.00	0.00	-0.00	-0.01	0.00	-0.00	-0.00	-0.00	0.00	-0.02	-0.00
AMP AIR	-0.30	-0.44	-0.32	-0.27	-0.22	-0.23	-0.25	-0.13	-0.18	0.99	99.95

SHOP	SHOP	WIRELINE
M FACTOR	A FACTOR	FACTOR
0.32	0.00	1.00

GR PRIMARY CALIBRATION SUMMARY						
TOOL #:	2459XA 10124121		DATE/TIME PERFORMED:	Tue May 6 15:40:55 2014		
UNIT #:	3880TA HL6670		CALB JIG #:	4702NK VBA-905		

	BACKGROUND	CALBRTR ON	CR DIFF	MULT	BACKGROUND	CALBRTR ON	CALBRTR
	(cts)	(cts)	(cts/s)		(gAPI)	(gAPI)	(gAPI)
GR	81.51	334.49	253.0	0.731	59.61	244.61	185

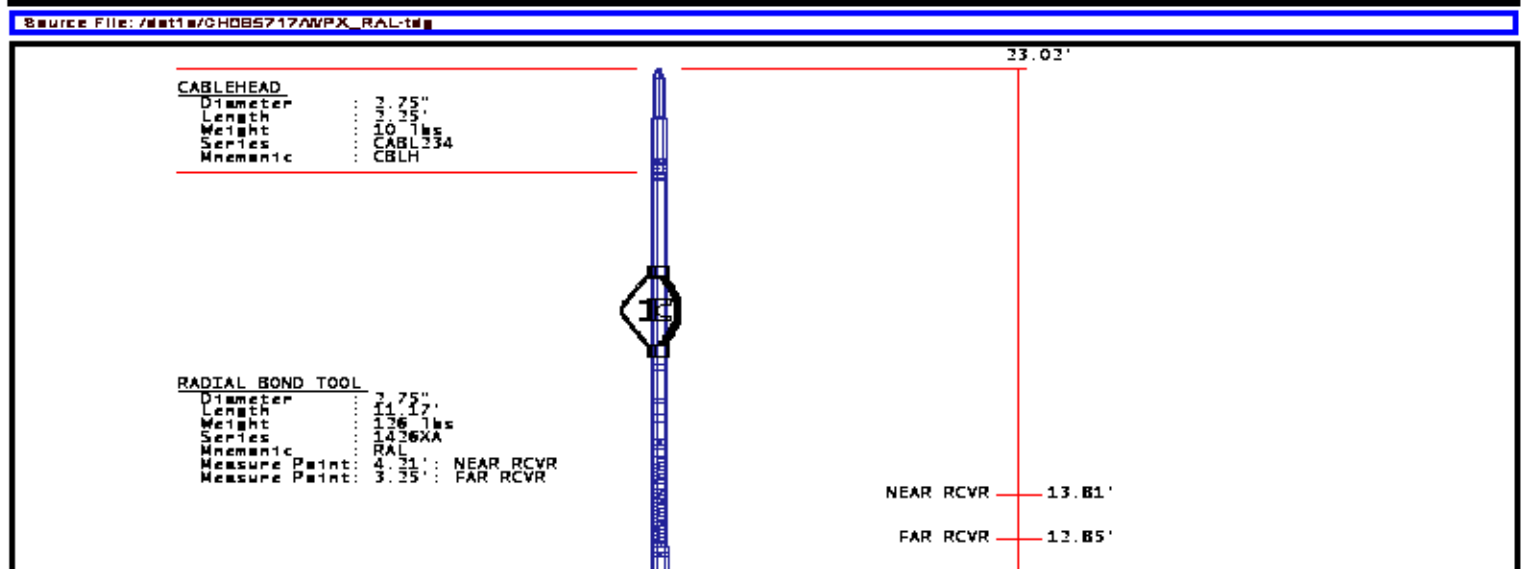
  

GR PRIMARY VERIFICATION SUMMARY						
TOOL #:	2459XA 10124121		DATE/TIME PERFORMED:	Tue May 6 15:42:51 2014		
UNIT #:	3880TA HL6670		VERI JIG #:	4702NK VBA-905		

	BACKGROUND	CALBRTR ON	MULT	BACKGROUND	CALBRTR ON	DIFF.
	(cts)	(cts)		(gAPI)	(gAPI)	(gAPI)
GR	74.22	321.33	0.731	54.28	234.99	180.71
						193.00 189.00

# **INSTRUMENT CONFIGURATION**



# RAL NEUTRON/CR/CCL/CHV DETECTOR

Diameter : 3.75"  
 Length : 9.43"  
 Weight : 106.1 lbs  
 Series : 3459XA  
 Mnemonic : RAL  
 Measure Point: 8.46' : CCL  
 Measure Point: 6.60' : CR  
 Measure Point: 1.31' : NEU

BULL PLUG 3 3/4

TOTAL LENGTH: 23.03'  
 TOTAL WEIGHT: 258.1 lbs  
 MAX DIAMETER: 0'4.00"

CCL 8.65'

CR 6.79'

NEU 1.40'


0.00'



COMPANY  
 WELL  
 FIELD  
 COUNTY

WPX ENERGY INC  
 C&C ENERGY GM 522-13  
 GRAND VALLEY  
 GARFIELD STATE CO

FILE NO:  
 CH085717  
 API NO:

	COUNTY	GARFIELD	STATE	CO	05045222660000
	LOCATION:	SHL: 263' FSL 1036' FWL S12 T7S R96W BHL: 2506' FNL 2010' FWL S13 T7S R96W			ELEVATIONS:
		KB 5165 FT DF GL 5141 FT			S 13 T7S R96W PAD: GM 24-12 RIG: H & P 318
	SEC 13	TWP 7S	RGE 96W	DATE	14-May-2014