



FILE NO: CH095183	COMPANY WPX ENERGY
API NO: 05045225160000	WELL YOUBERG RU 643-7
	FIELD RULISON
	COUNTY GARFIELD
	STATE COLORADO

Version 7 7S 93W RU 44-7 PAD NABORS 576	LOCATION: SHL: 1162' FSL & 1181' FEL BHL: 1297' FSL & 754' FEL (NESE) SEC 7 TWP 7S RGE 93W	OTHER SERVICES RPM
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PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	GL KB KB ELEVATION 26 FT 7917 FT ABOVE P.D.	ELEVATIONS: KB 7943 FT DF GL 7917 FT
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DATE	09-Mar-2015
RUN	1
TRIP	1
SERVICE ORDER	US095183
DEPTH DRILLER	9942 FT
DEPTH LOGGER	9876 FT
BOTTOM LOGGED INTERVAL	9866 FT
TOP LOGGED INTERVAL	26 FT
TIME STARTED	13:30
TIME FINISHED	17:00
OPERATOR RIG TIME	3.5 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	72 FT
LOGGED CEMENT TOP	NA
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	65 FMIN
MAX. RECORDED TEMP.	252 DEGF
REFERENCE LOG	NONE
REFERENCE LOG DATE	NA
EQUIP. NO.	4271
LOCATION	GRAND JCT.
RECORDED BY	FLOYD RENEAU
WITNESSED BY	TED VONFELDT

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	26 FT	1303 FT
8.75 IN	1303 FT	9942 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.6.25 IN			26 FT	1303 FT
4.5 IN	11.6 LB/F	I-80	26 FT	9942 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 client's request.

The amount of linear shift is 3 feet.

Logged with Zero PSI at wellhead.

BHT = 252 degF

SJ = 6409'-6431'

Thanks you for choosing Baker-Hughes.

## EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10218496	CENTRALIZED
1	1	GR/CCL	2459XA	10417457	CENTRALIZED

## PRIMARY PRESENTATION 0 PSI

ECLIPS 6.2wu1 PC-ECLIPS General Release Rel 6.2w Update 1 Fri Apr 25 10:54:53 Central Daylight Time 2014  
Updates: 46 Patches: 5

Plotted: Tue Mar 10 10:41:14 2015

## PARAMETER AND FILTER SUMMARY REPORT

FILE: C:\dat1a\095183\012e01.prm  
LOGGING MODE: DEPTH DIRECTION: UP  
TOP DEPTH: 9513.750 ft BOTTOM DEPTH: 9875.750 ft

## SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	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*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	171	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*)	-71	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	Mar 9 14:21:52 2015	CASING COLLAR LOCATOR
F1:FAMPN	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Mar 9 14:21:52 2015	FAR WAVE FORM
F1:GR	Mar 9 14:21:52 2015	GAMMA RAY
F1:TTN	Mar 9 14:21:52 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

## CURVE MEASURE POINT OFFSET

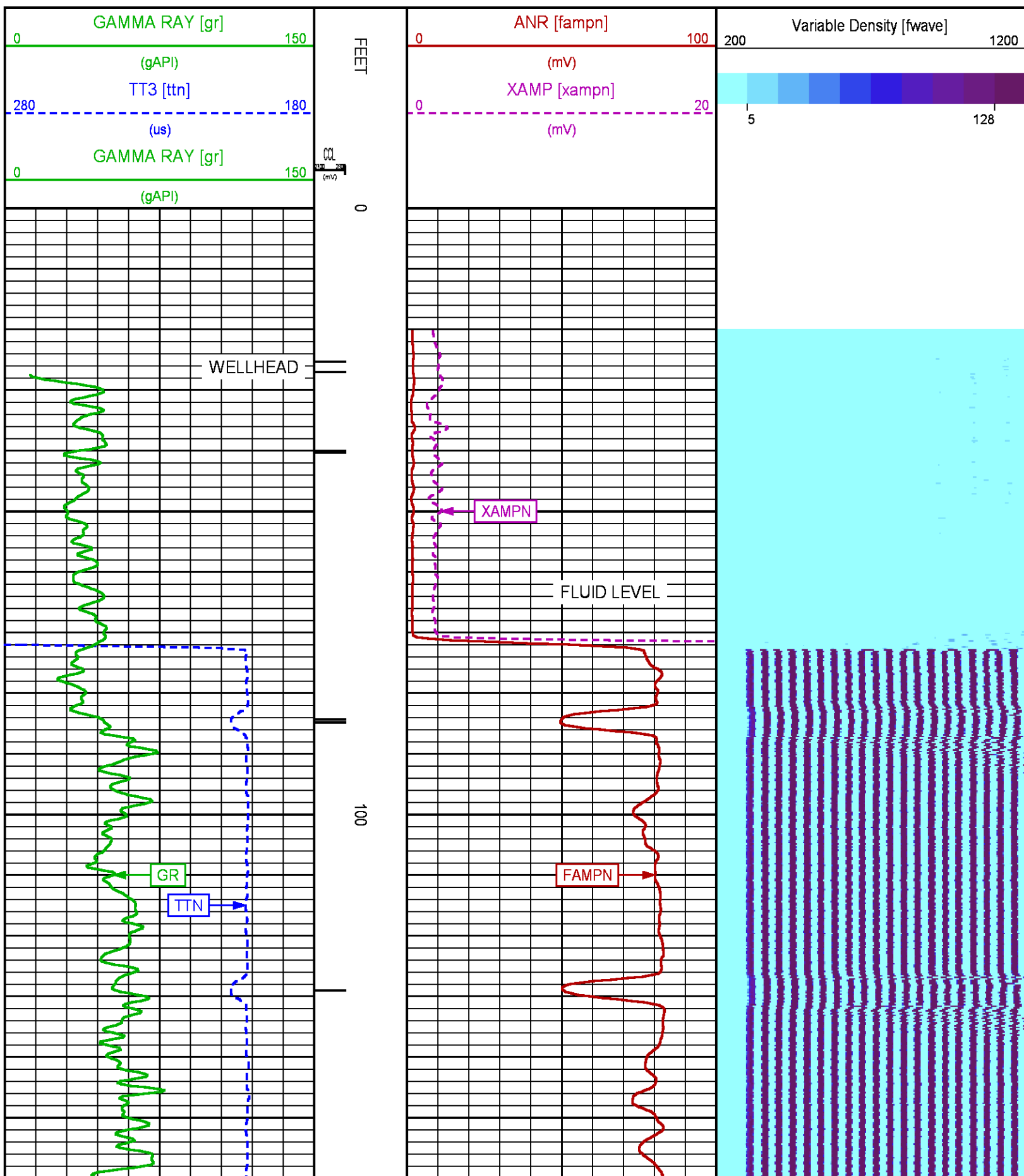
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

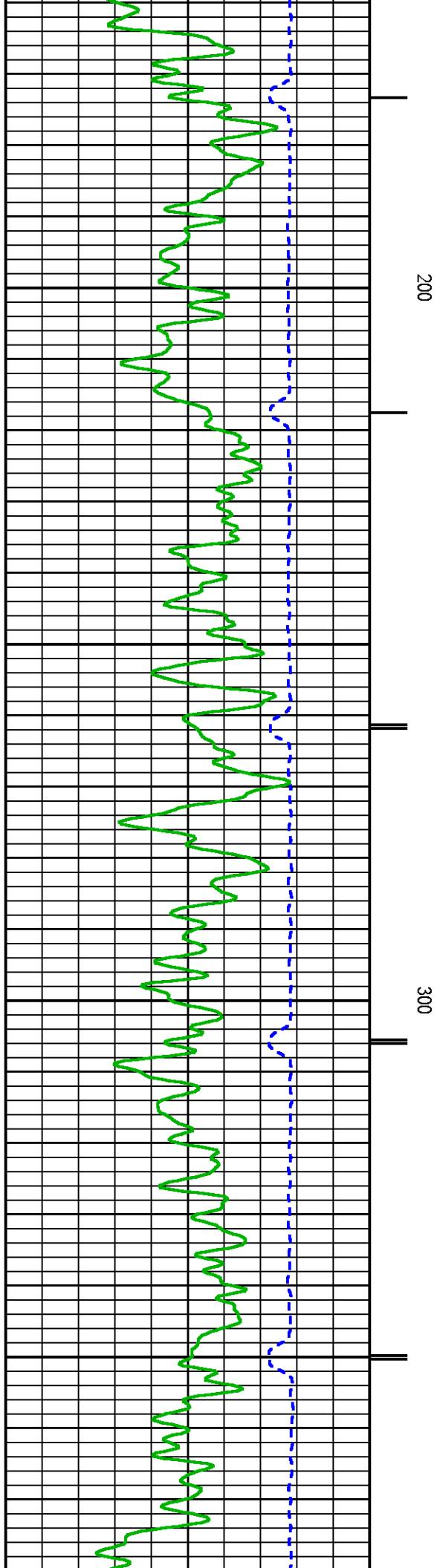
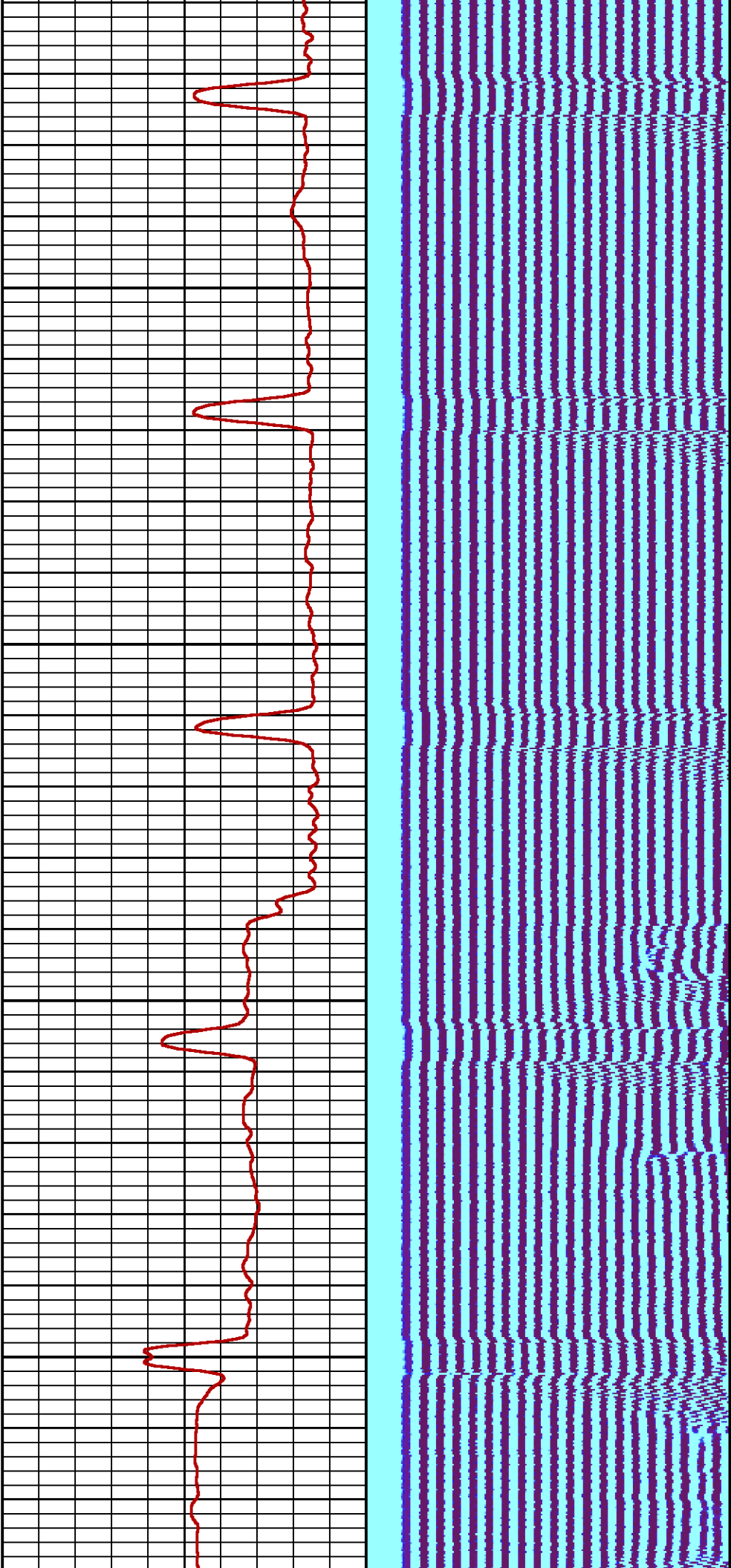
Presentation : BHUGHES-06627:C:\dat1a\095183\543\_CBL\_MAIN.fvpdf [5"/100' Scale]

Plot Interval : 0.98785 Feet

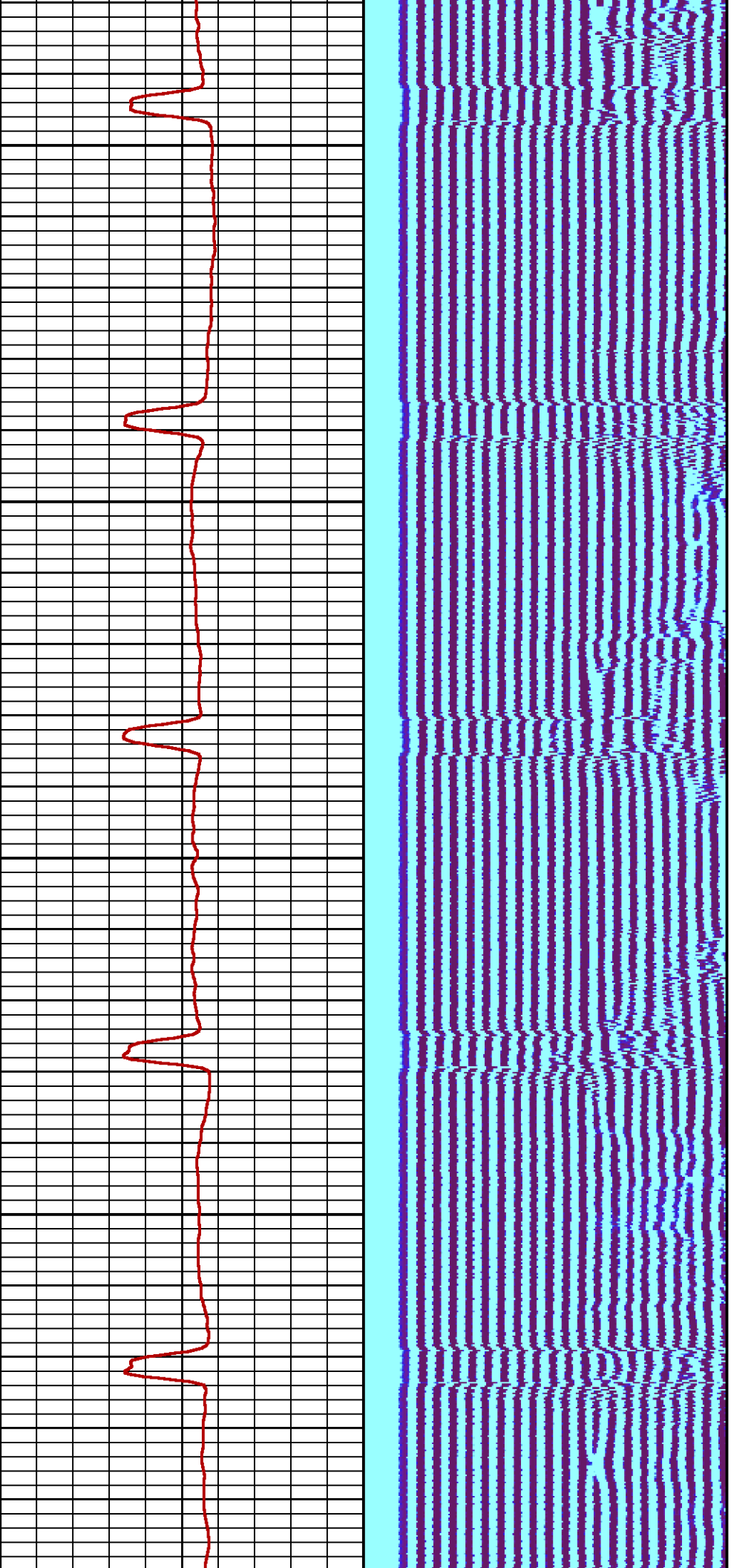
Plot Interval : 0 - 9876.5 Feet

Data File 1 : F1 : BHUGHES-06627.C:\dat1a\095183\543\_CBL\_MAIN.xtf  
Created On : Mar 9 14:21:52 2015  
Company : WPX ENERGY  
Well : YOUNBERG RU 543-7  
Field : RULISON  
File Interval : 19 - 9880 Feet  
OCT : n012e





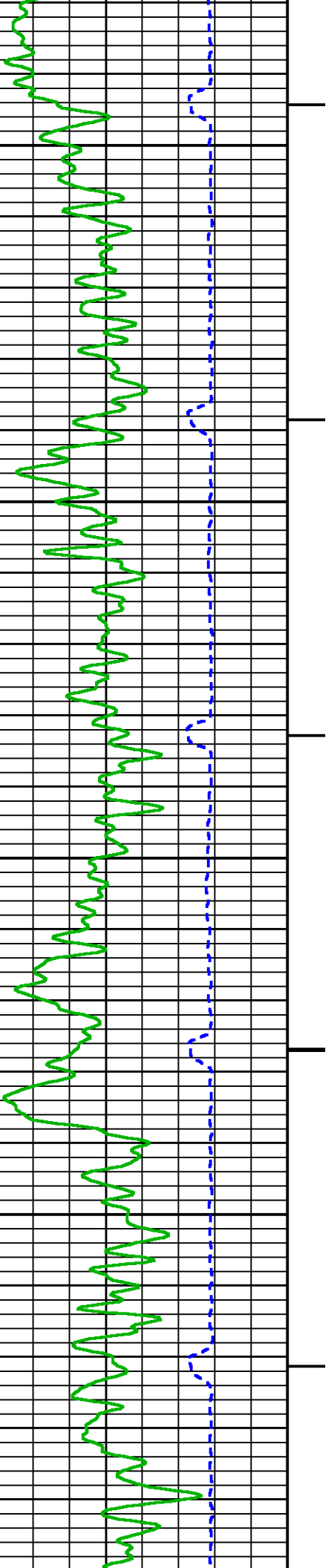


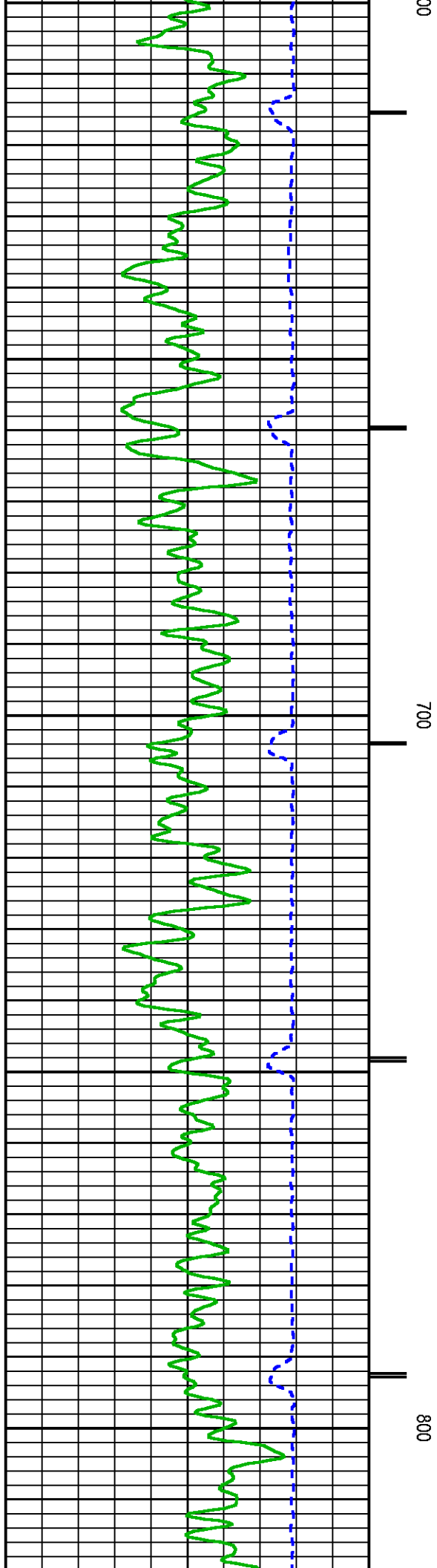
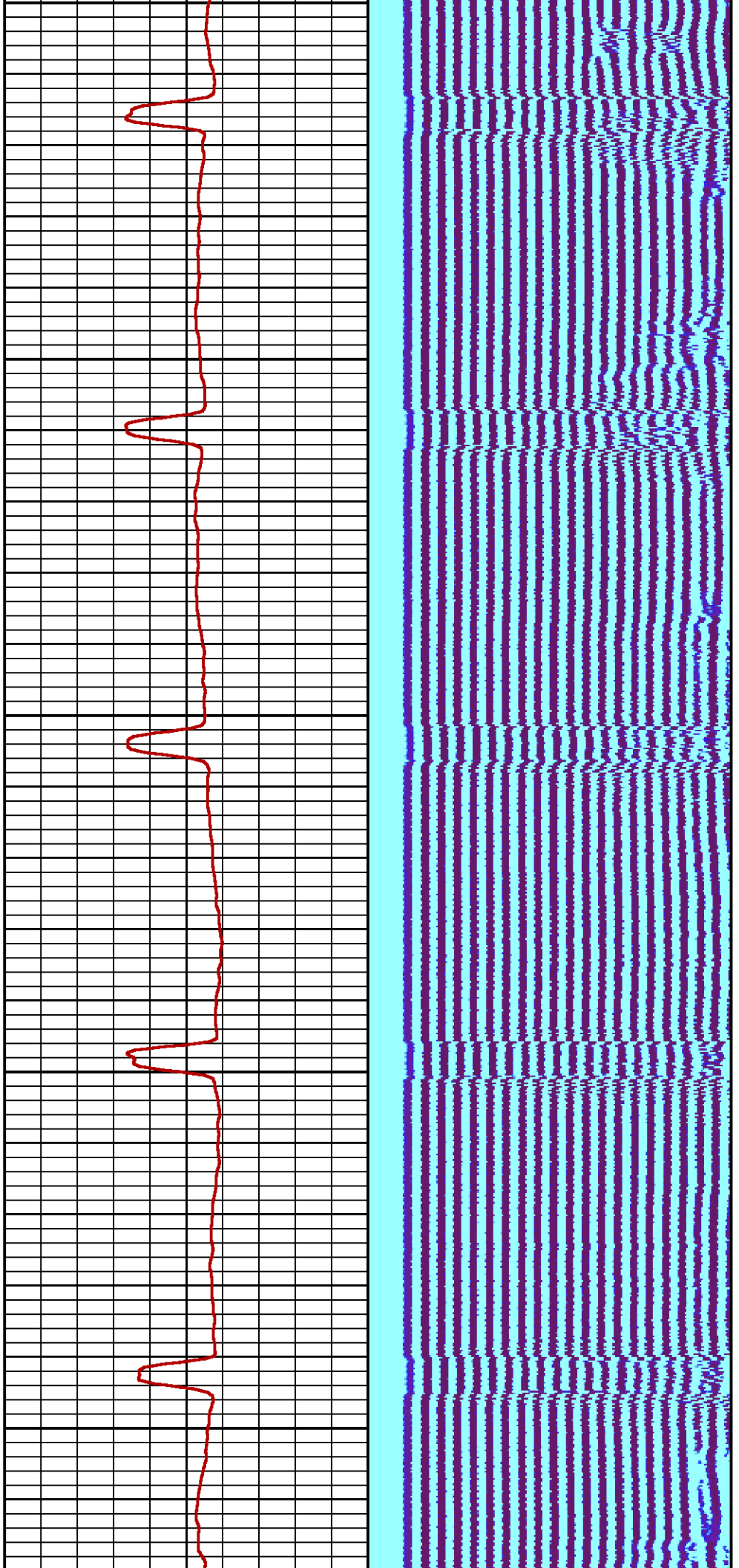


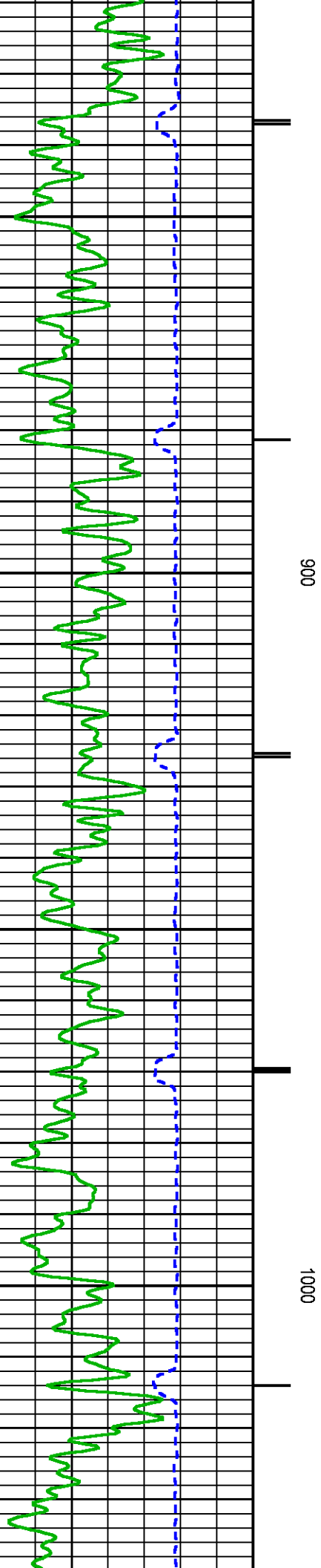
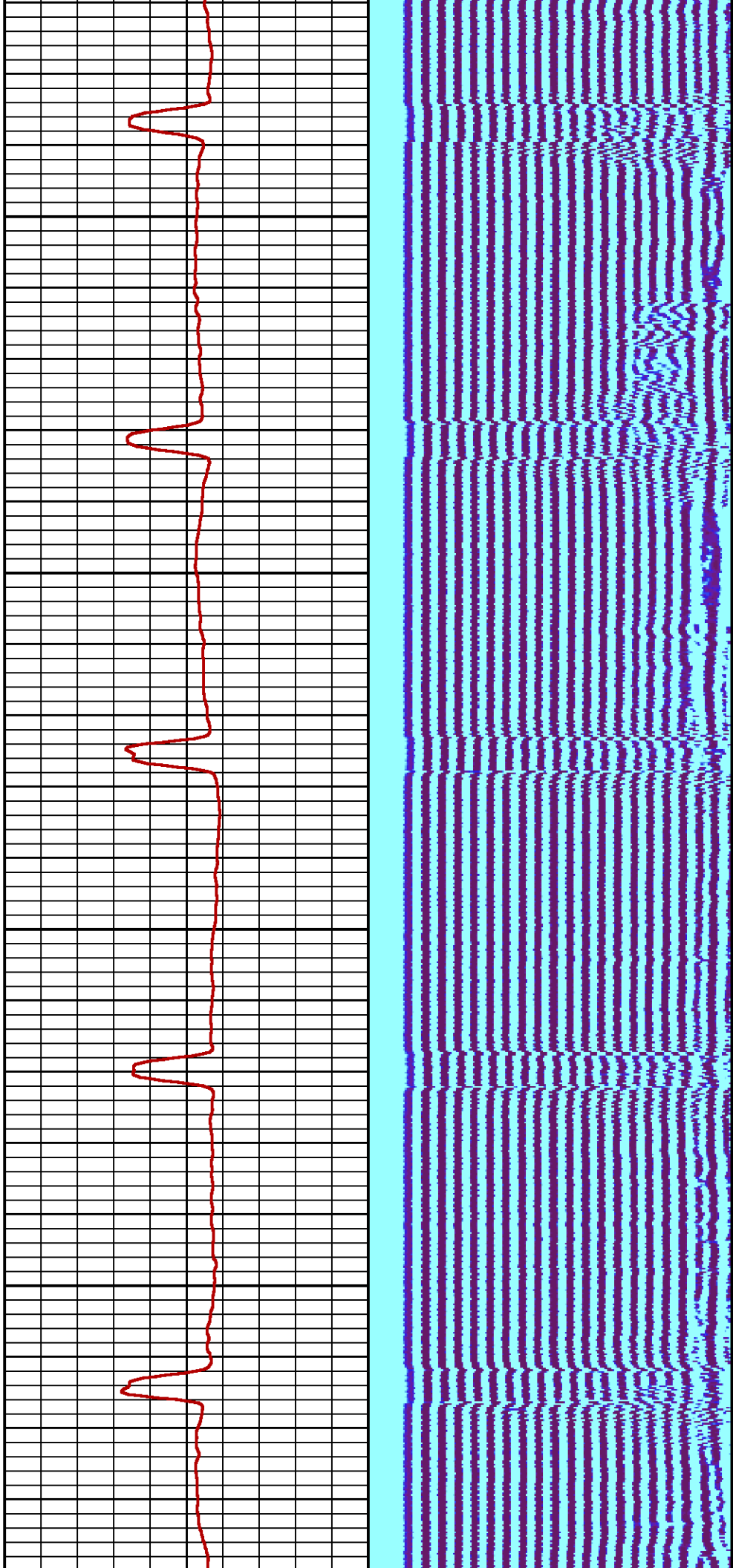
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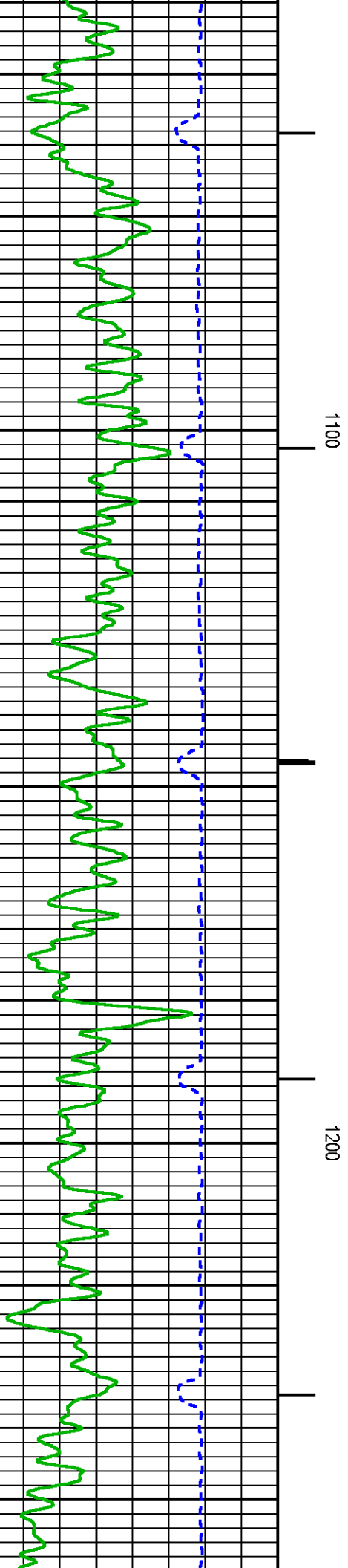
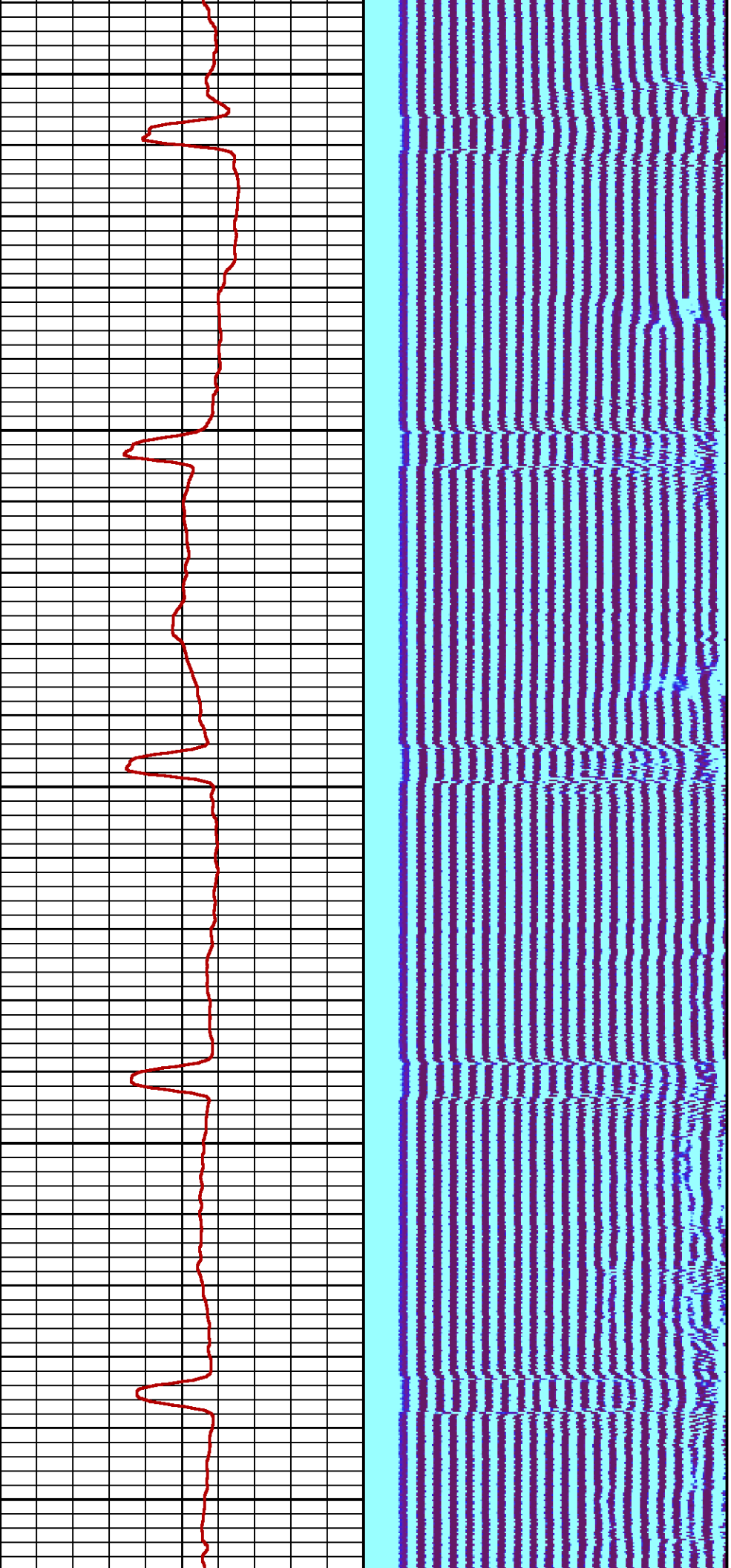
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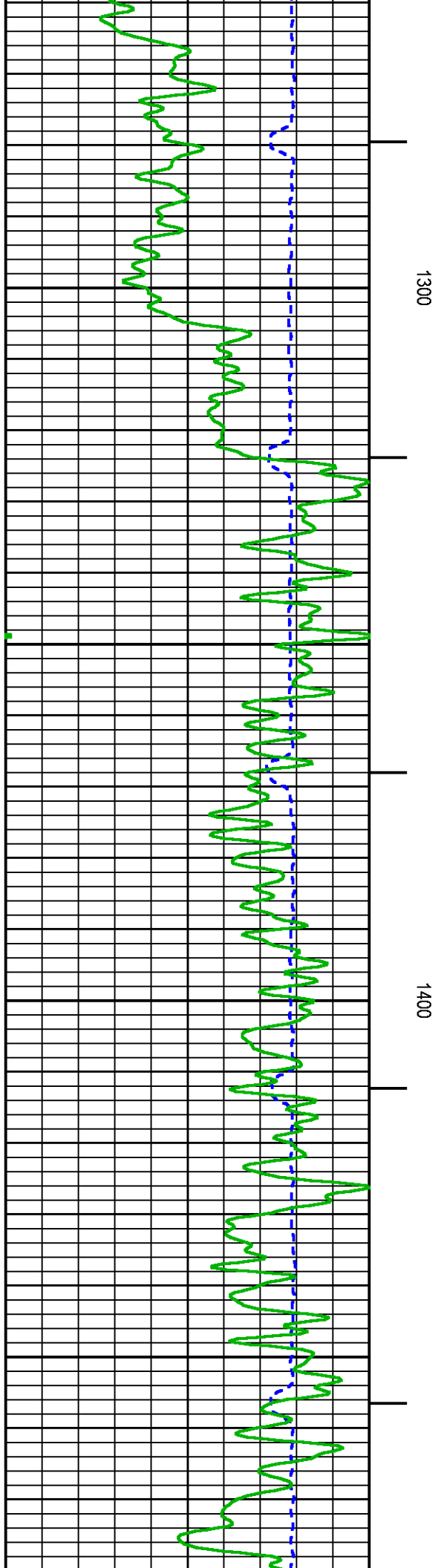
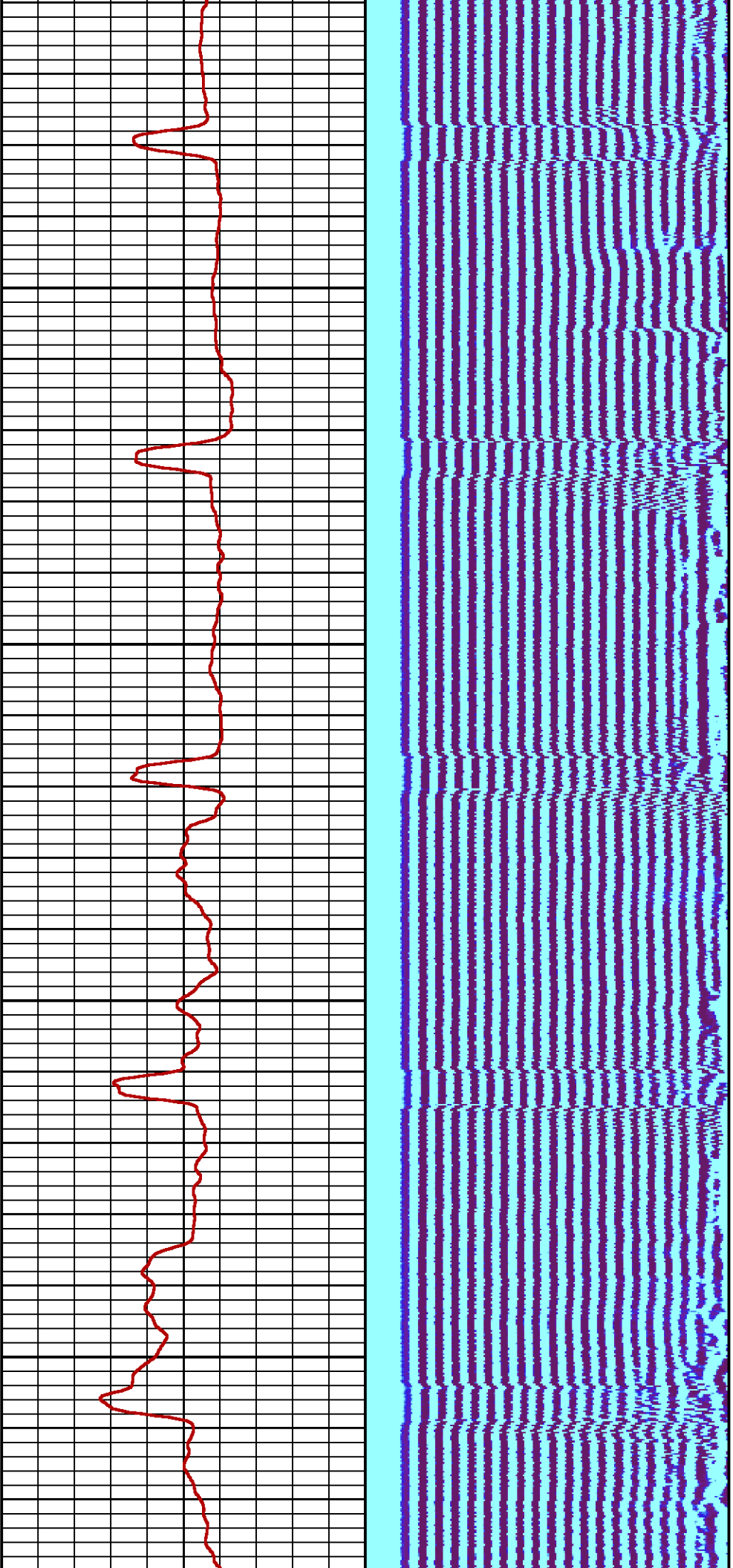


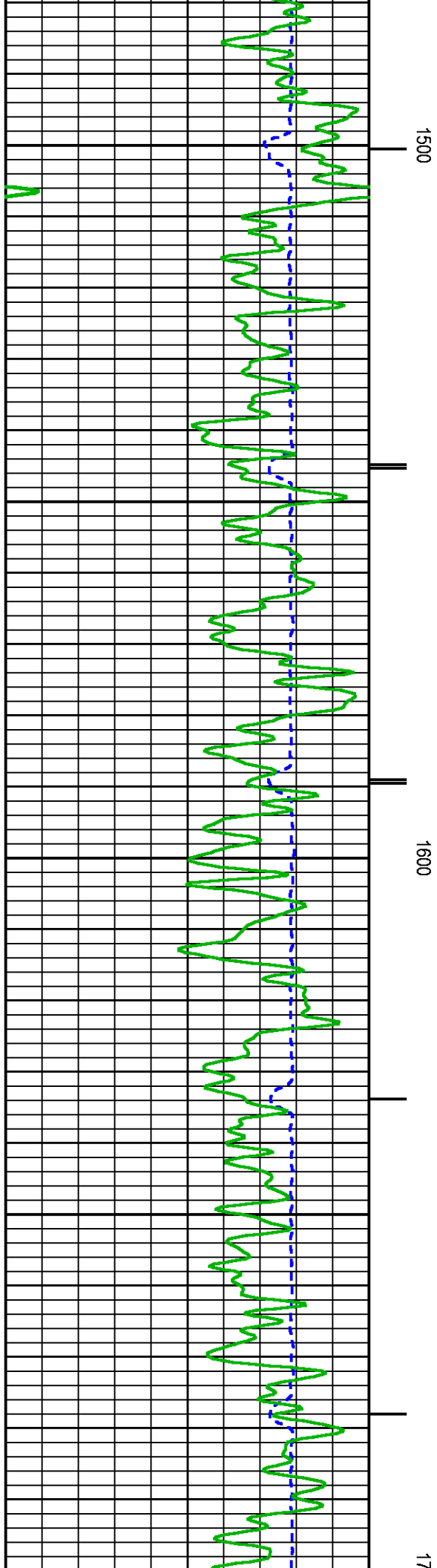
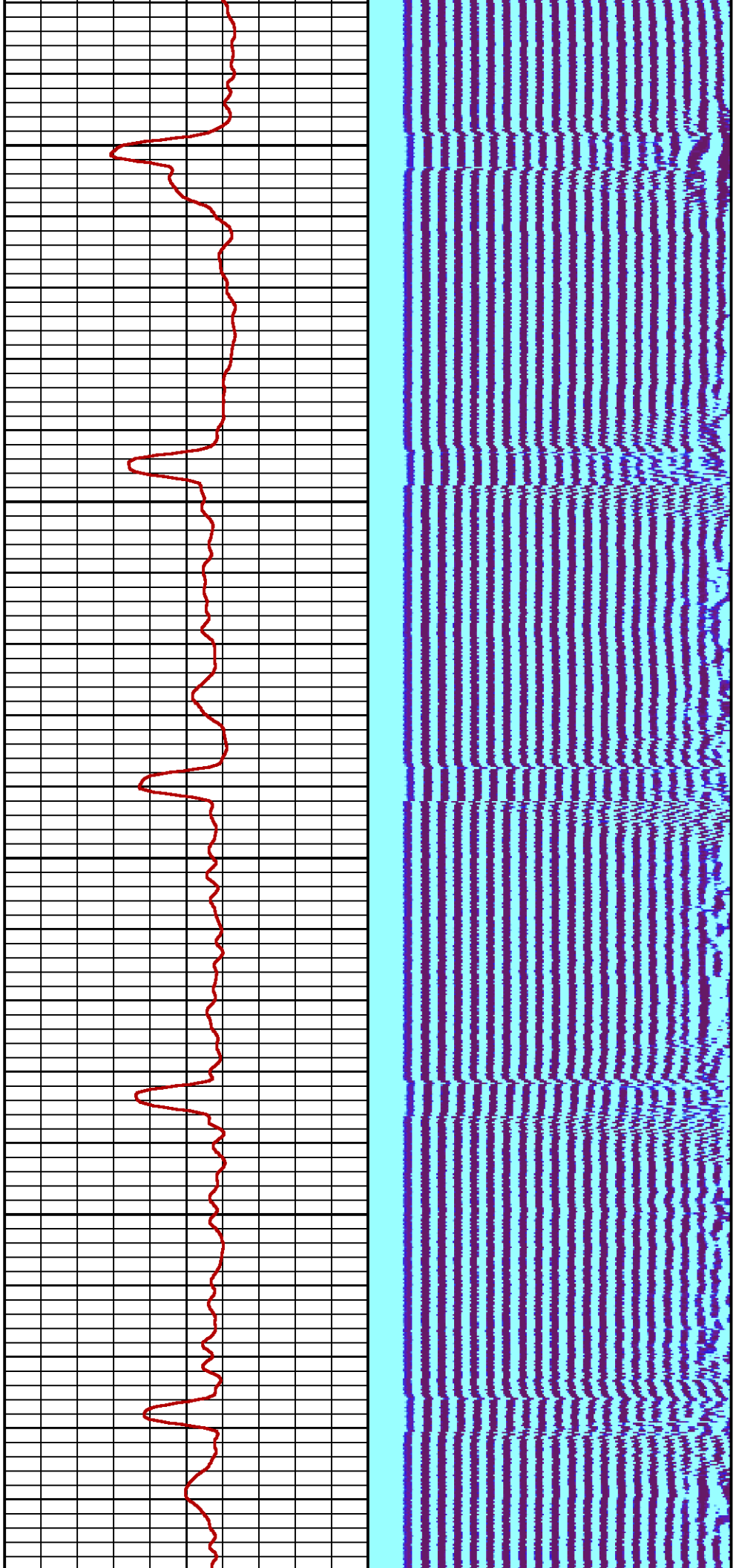


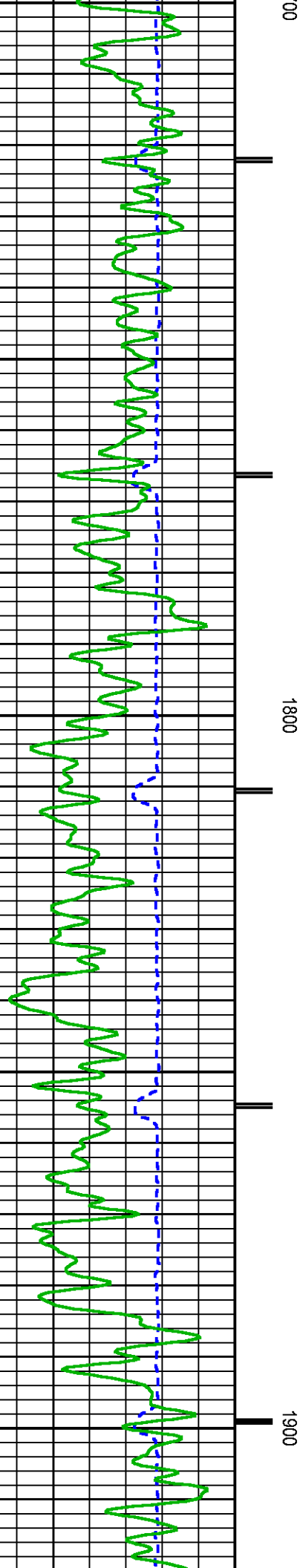
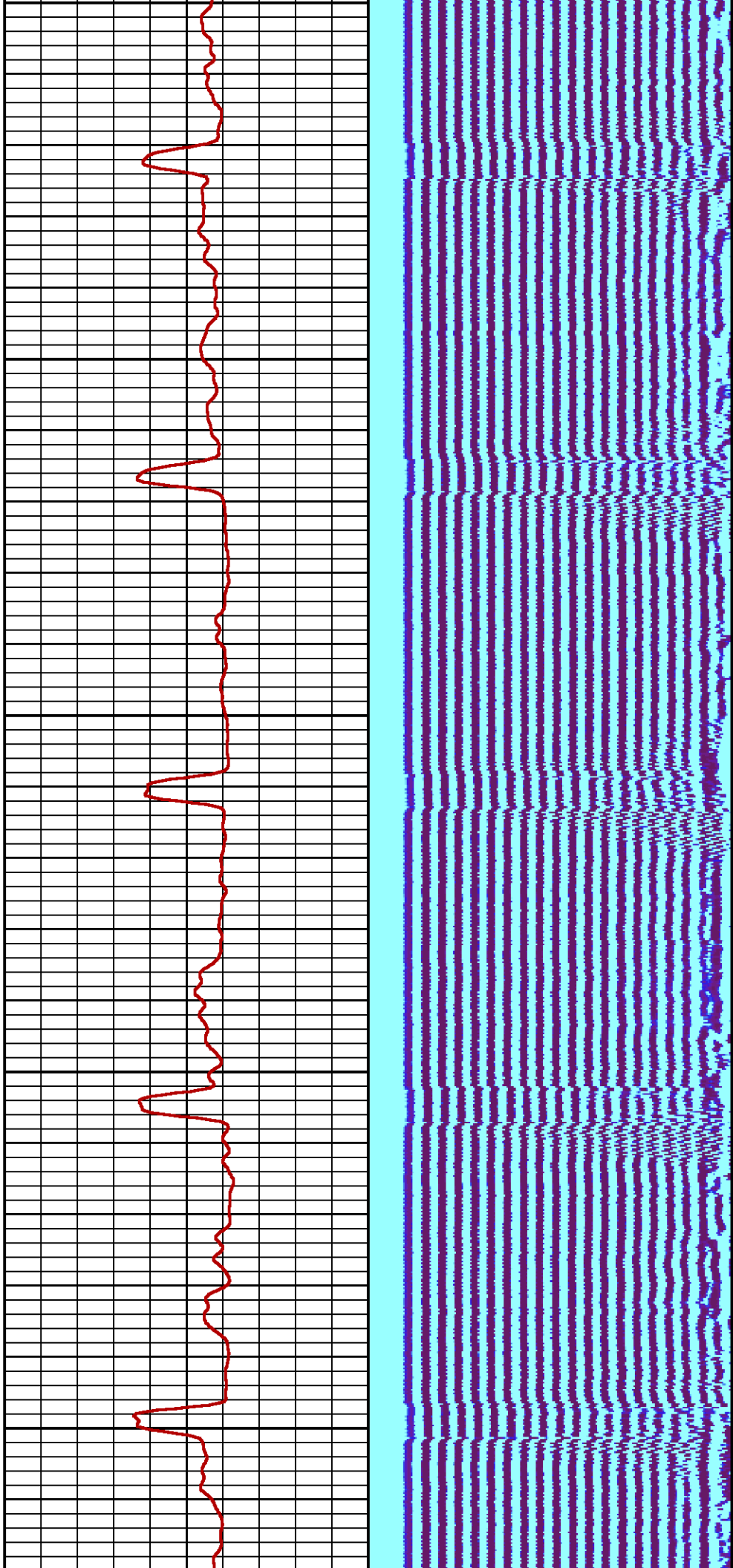




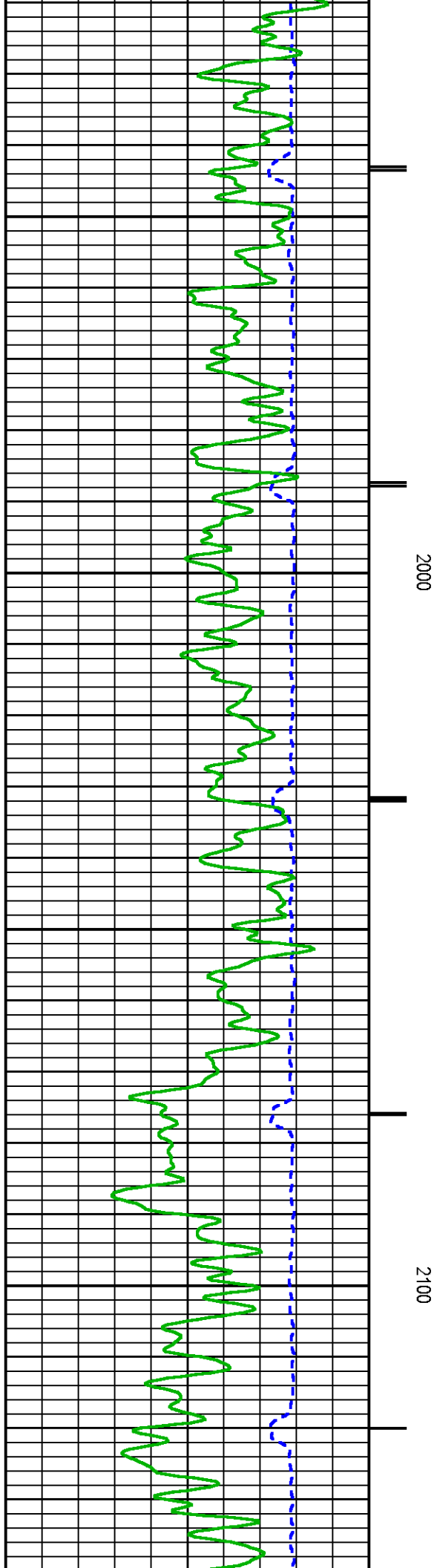
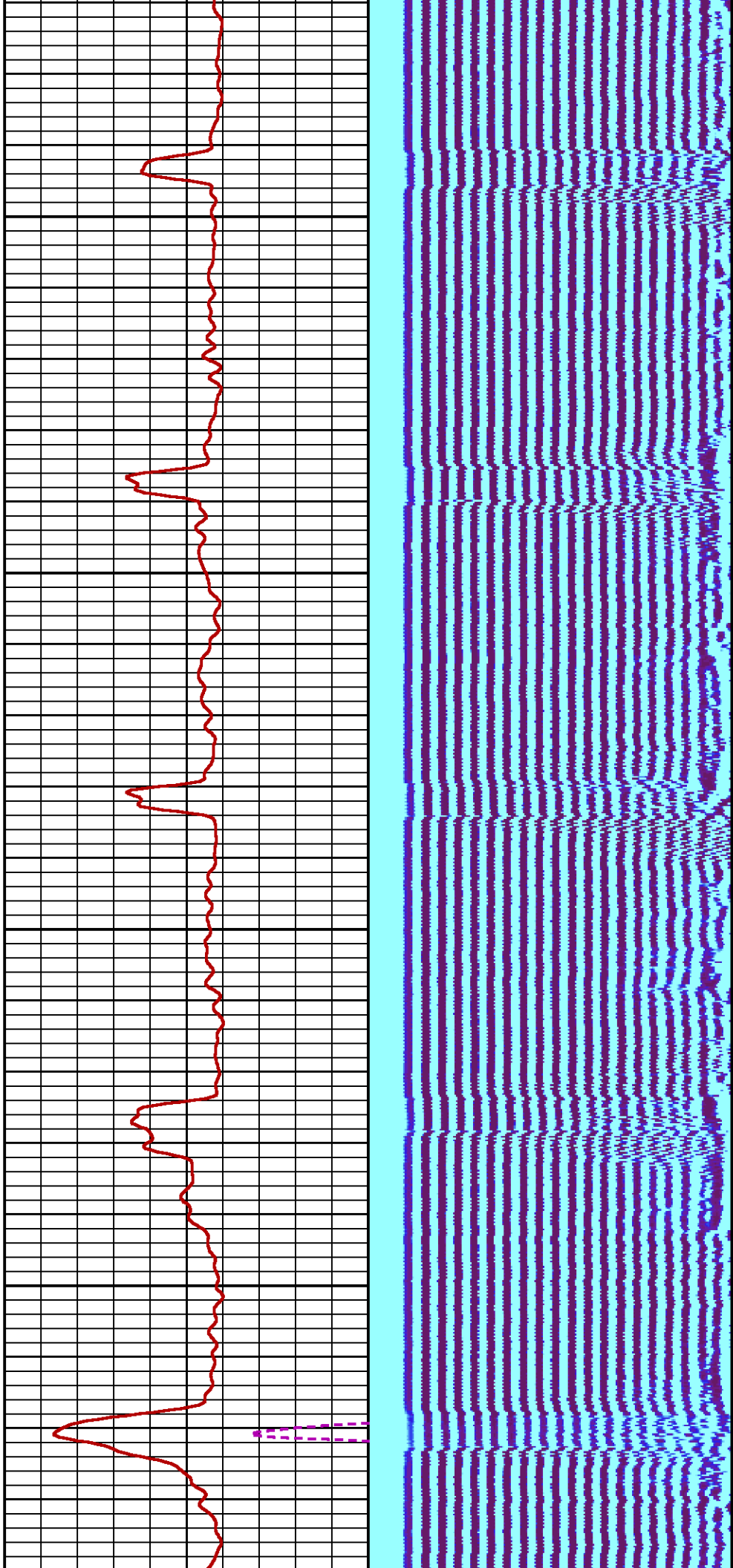


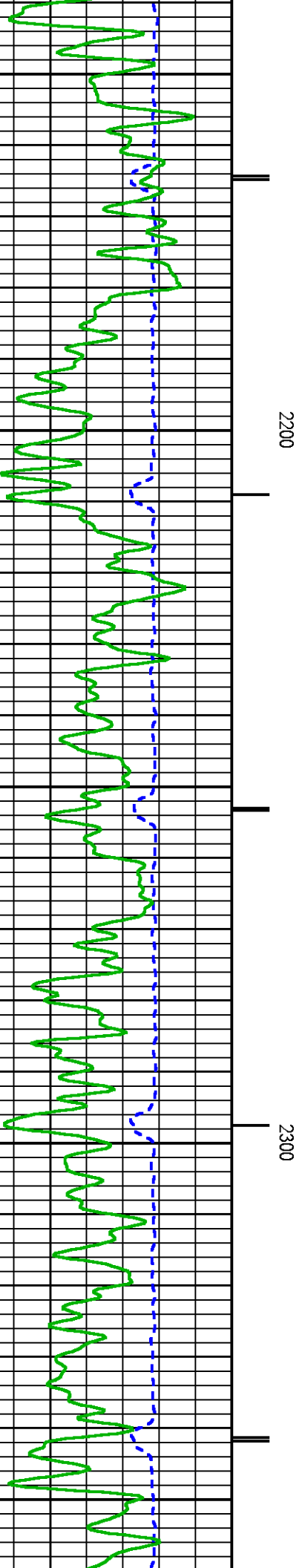
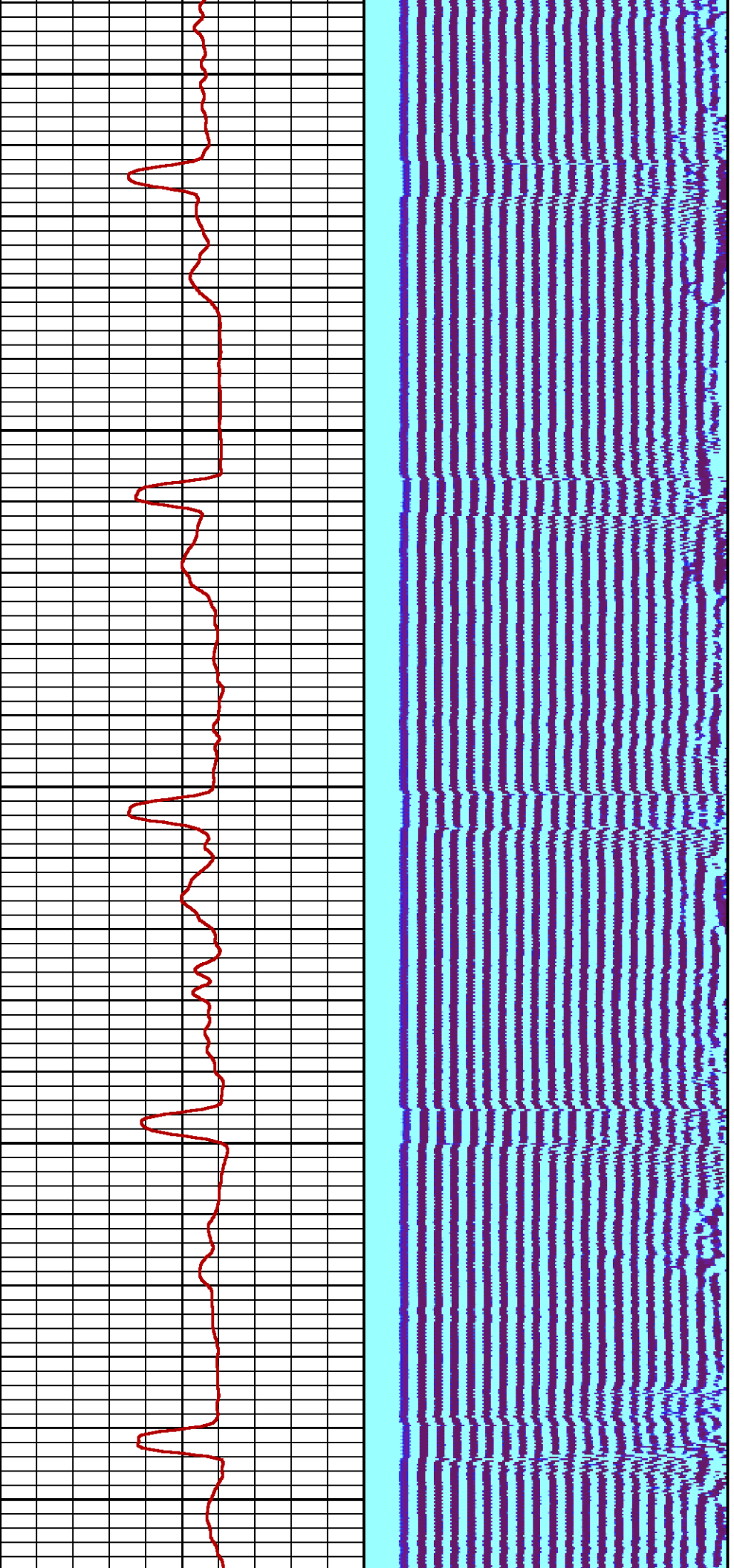


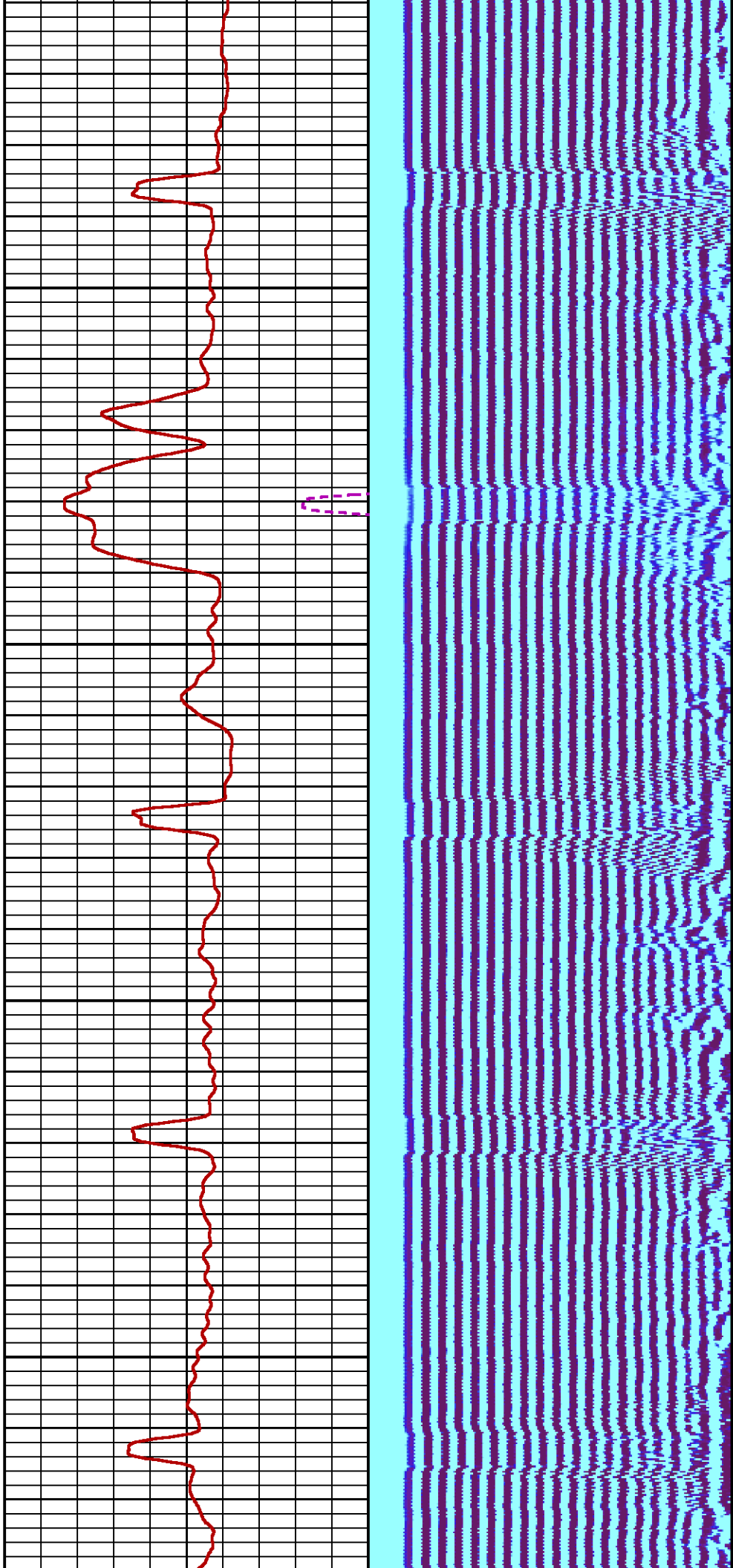






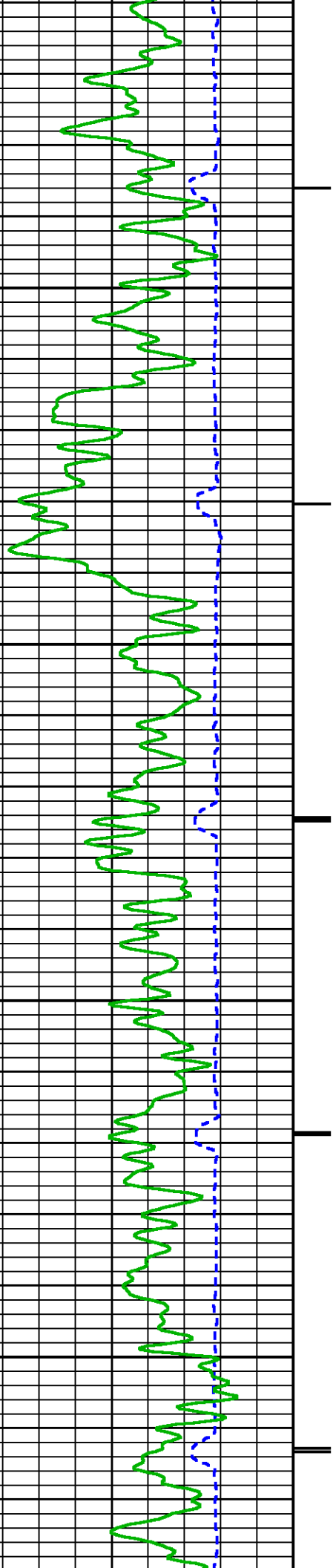


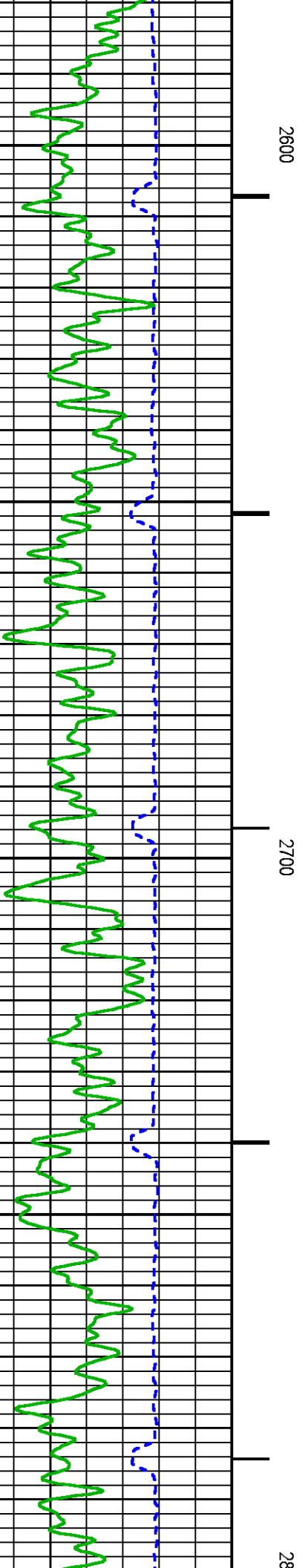
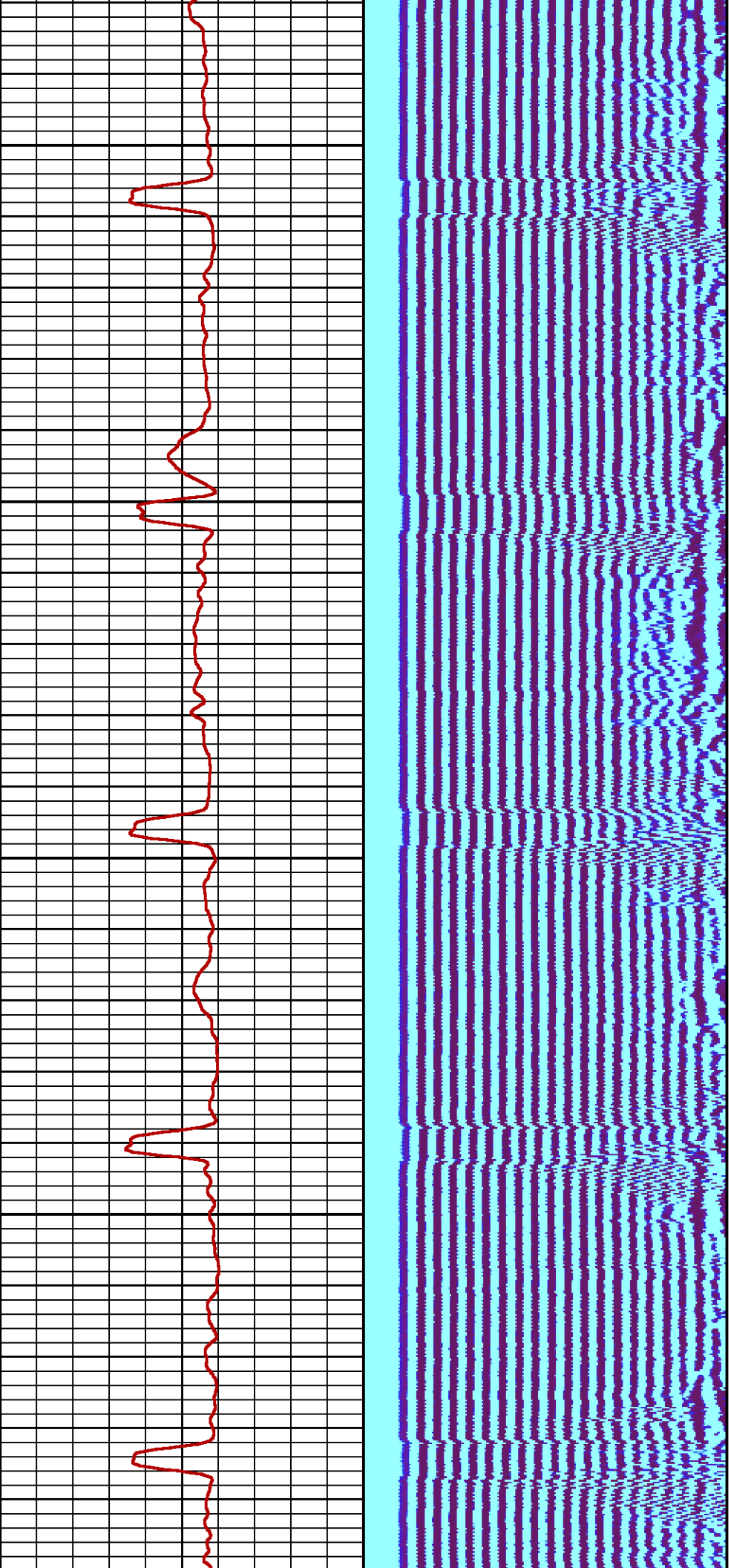




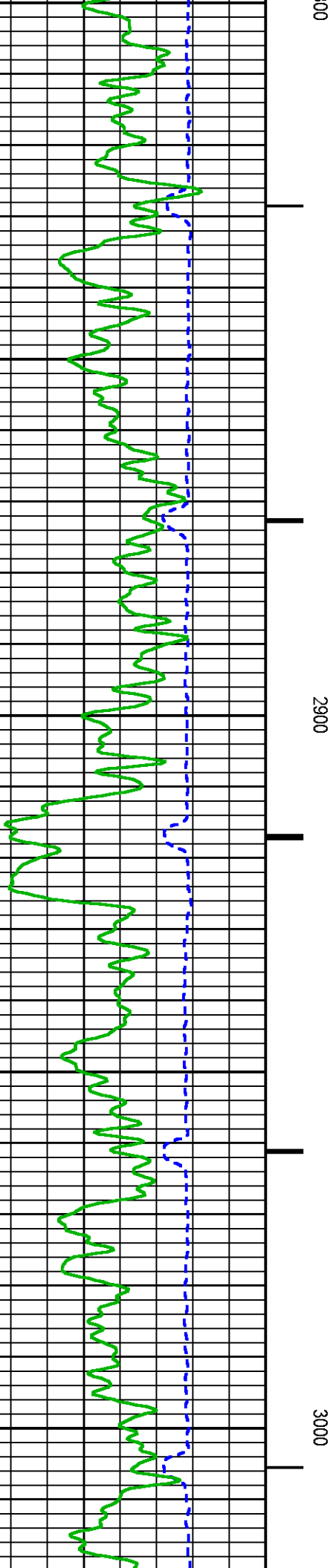
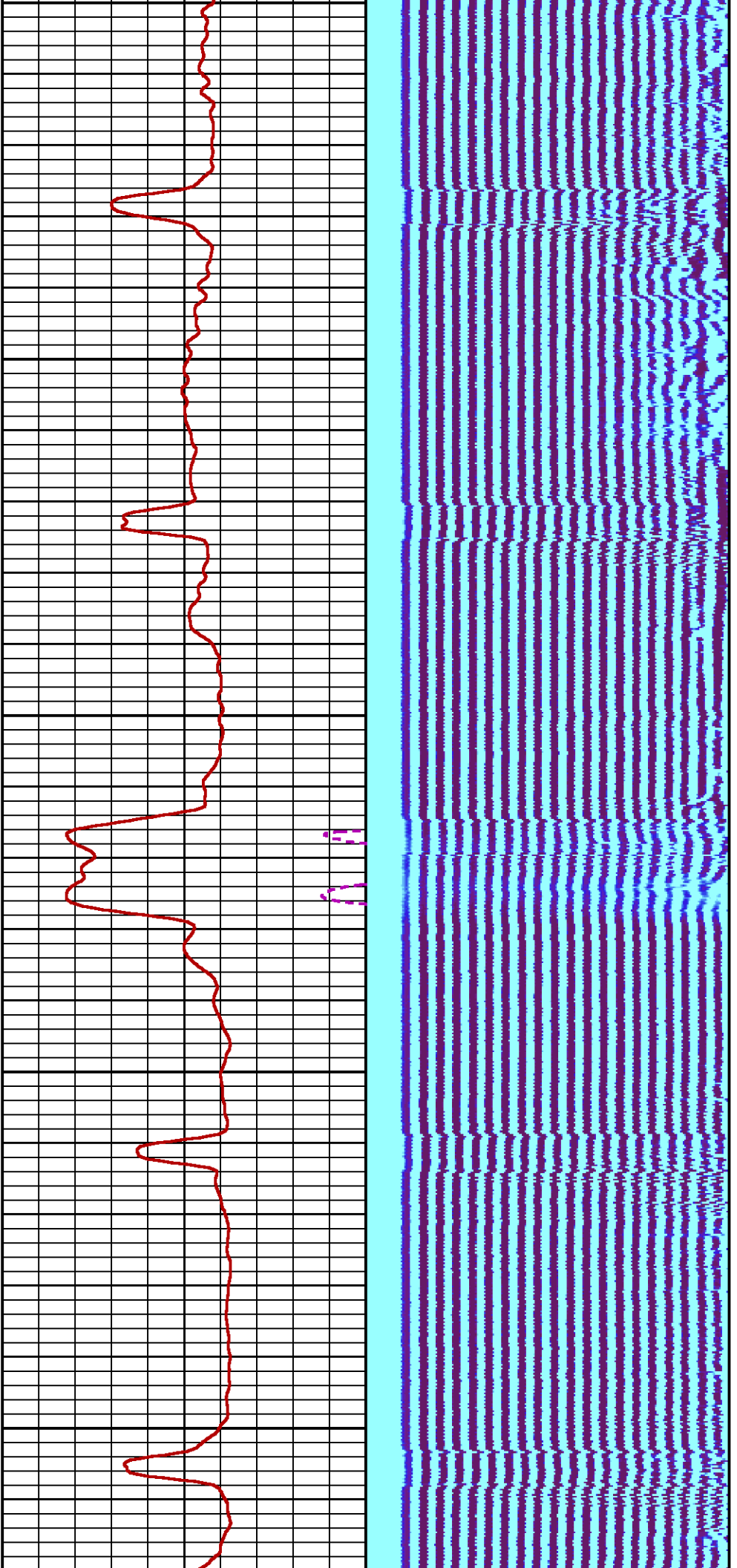
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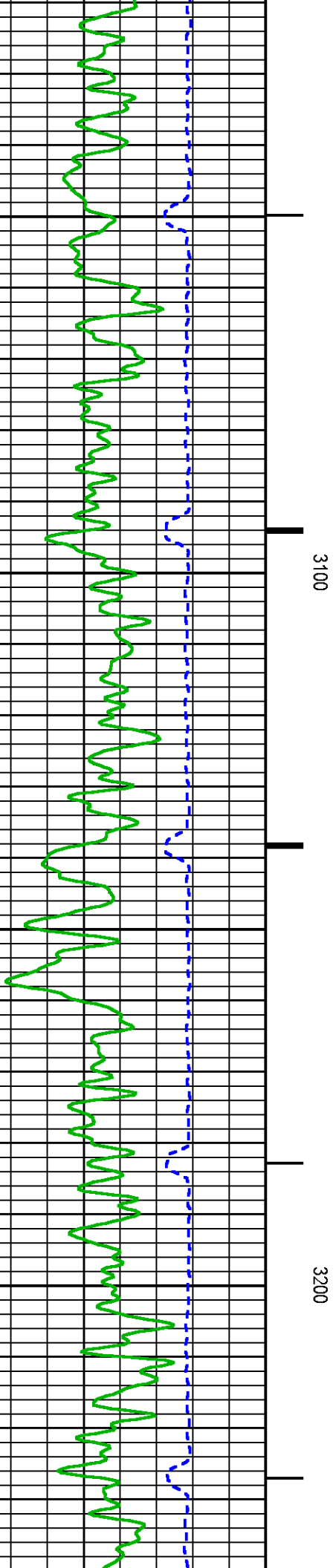
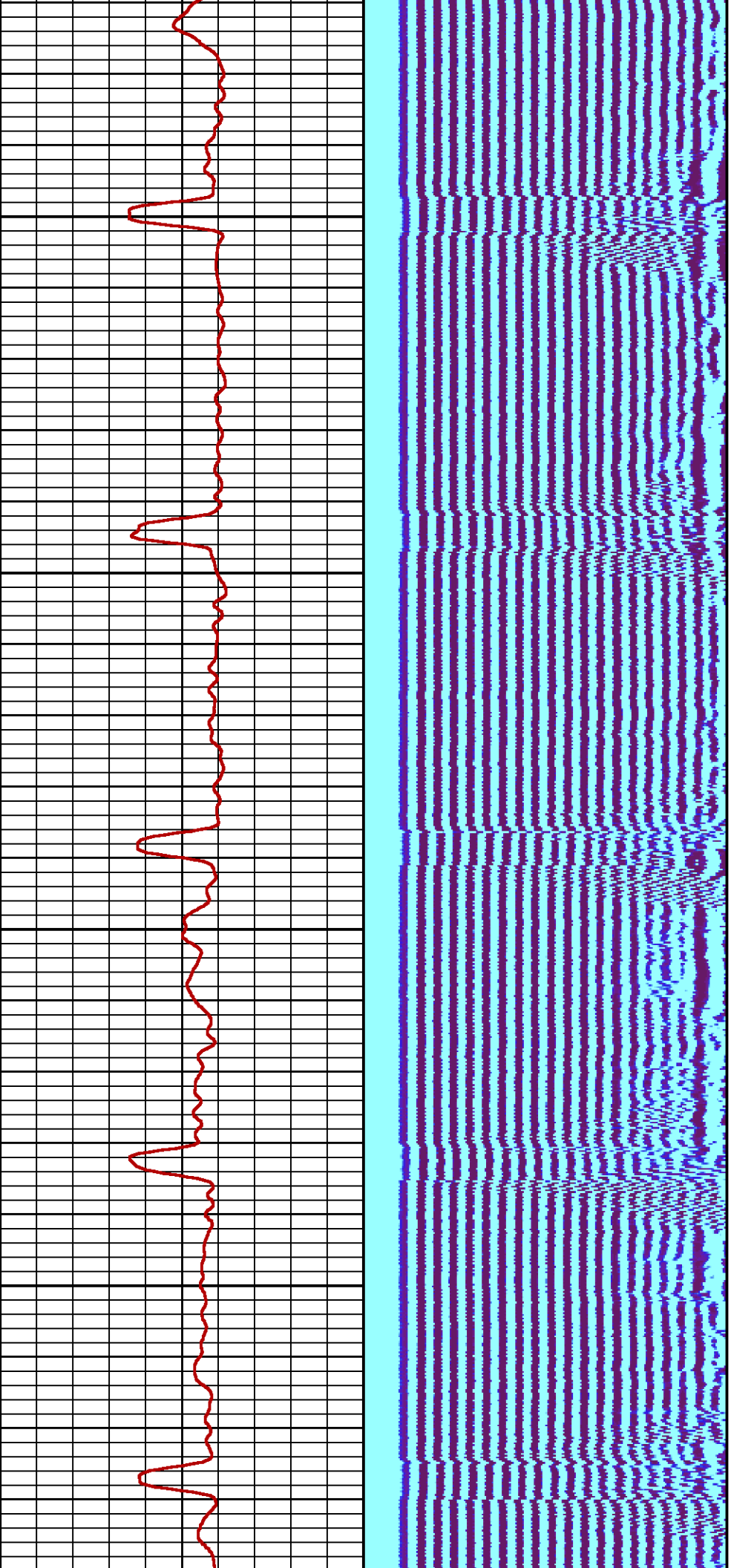
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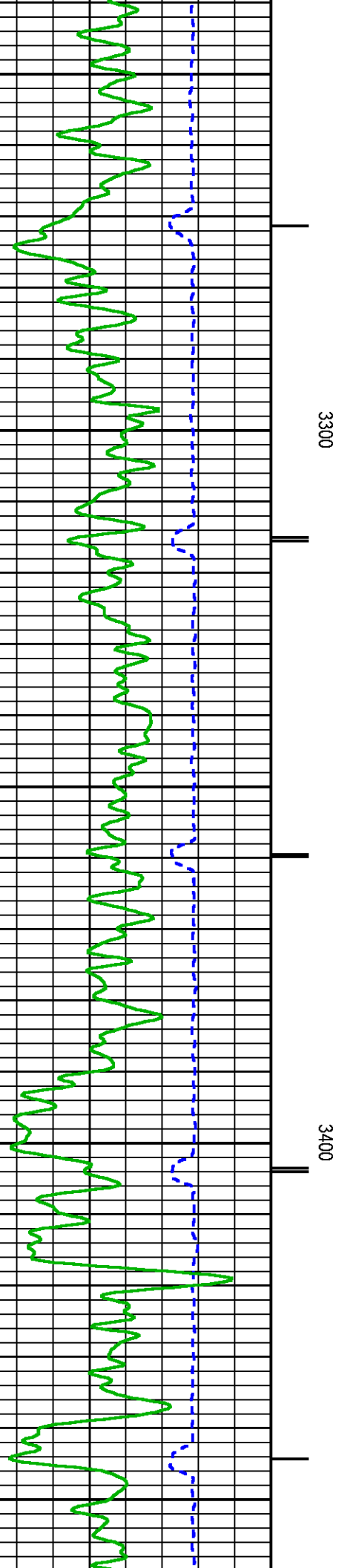
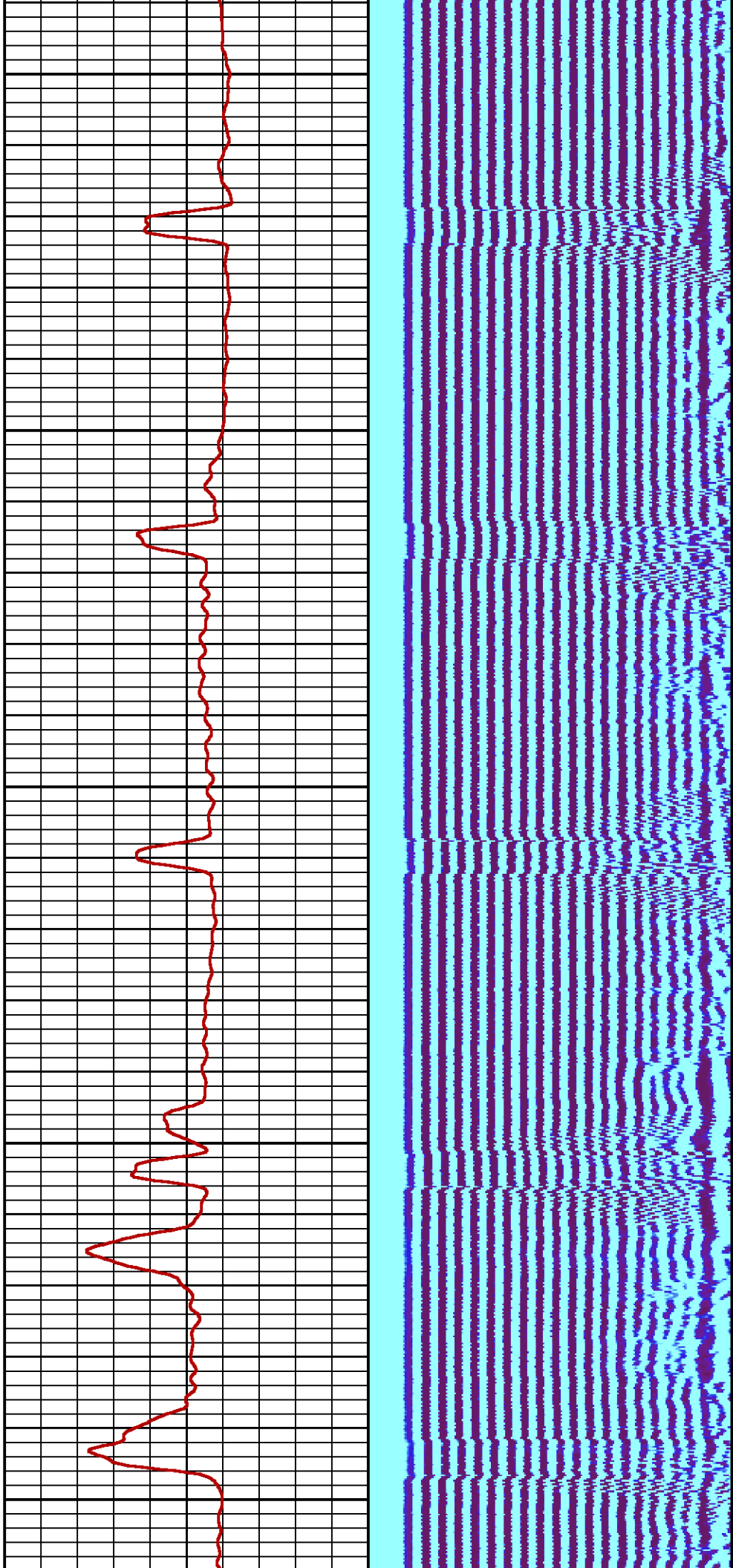




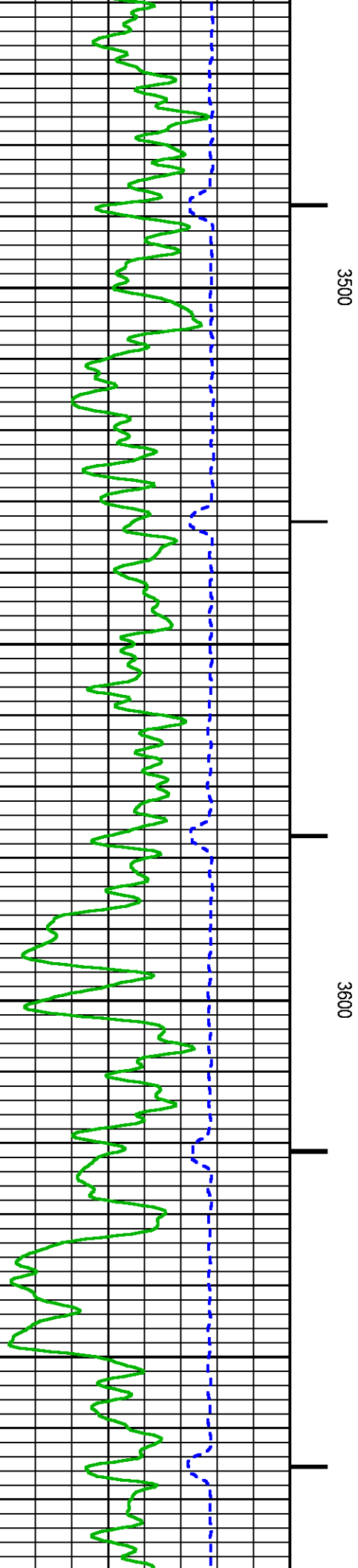
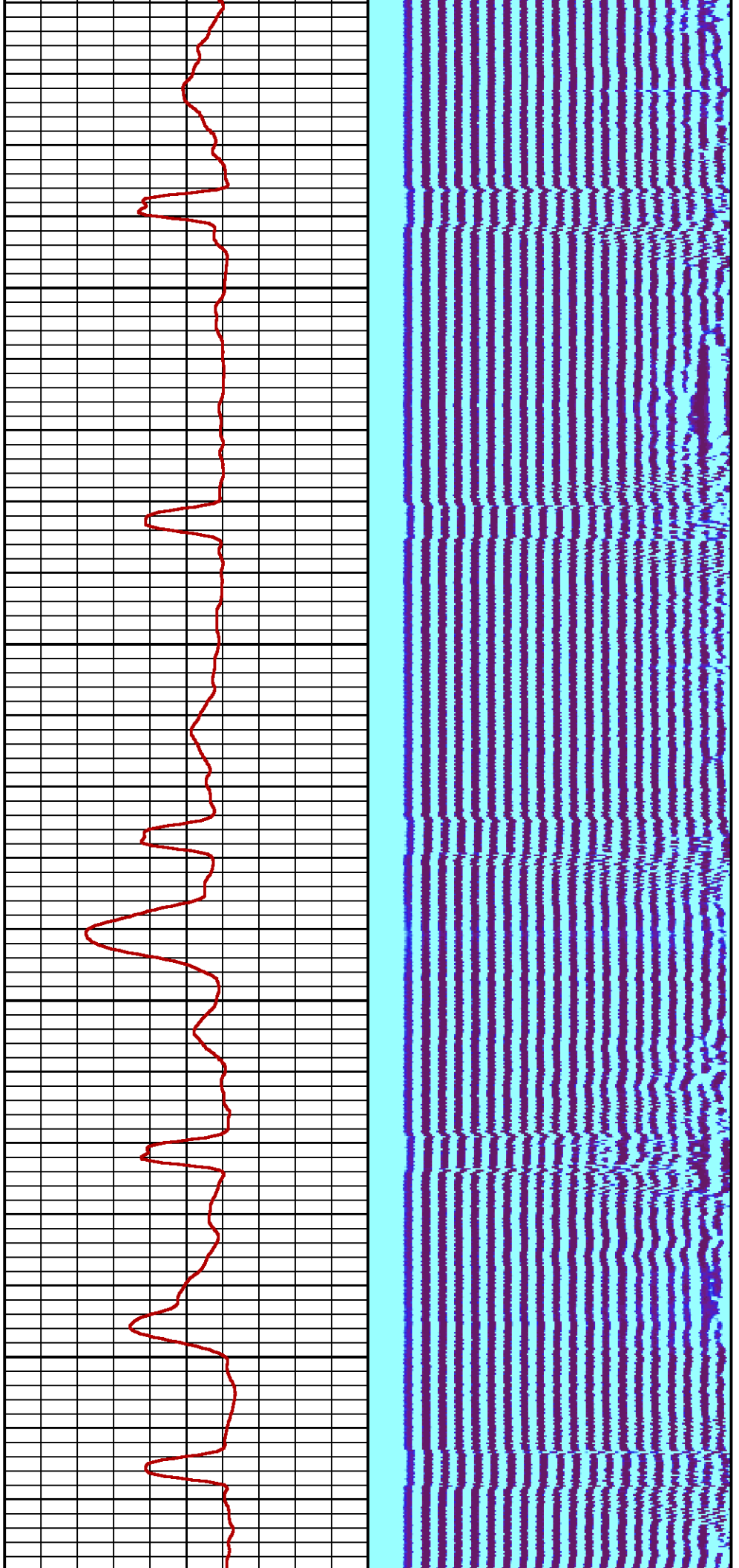


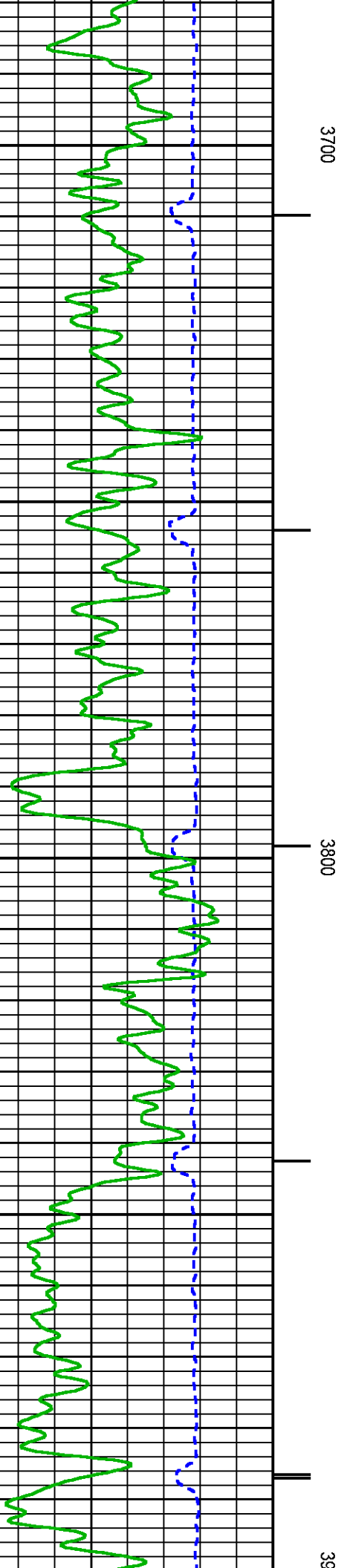
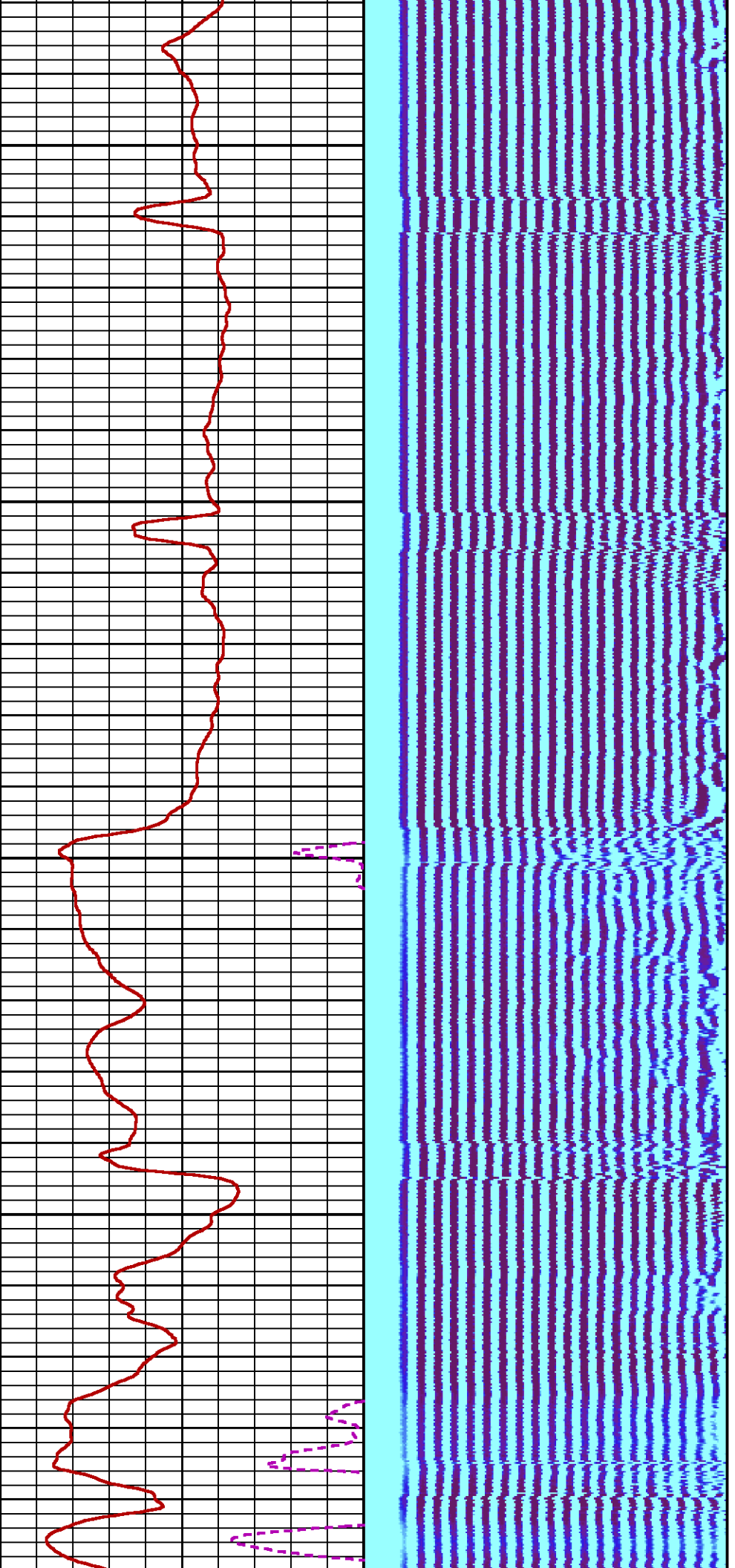


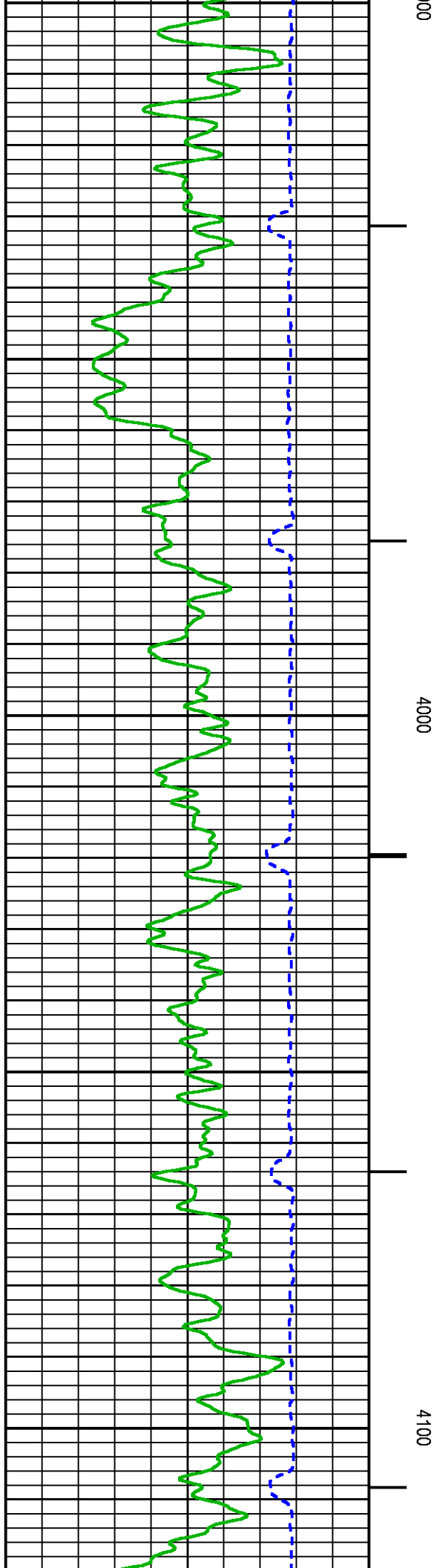
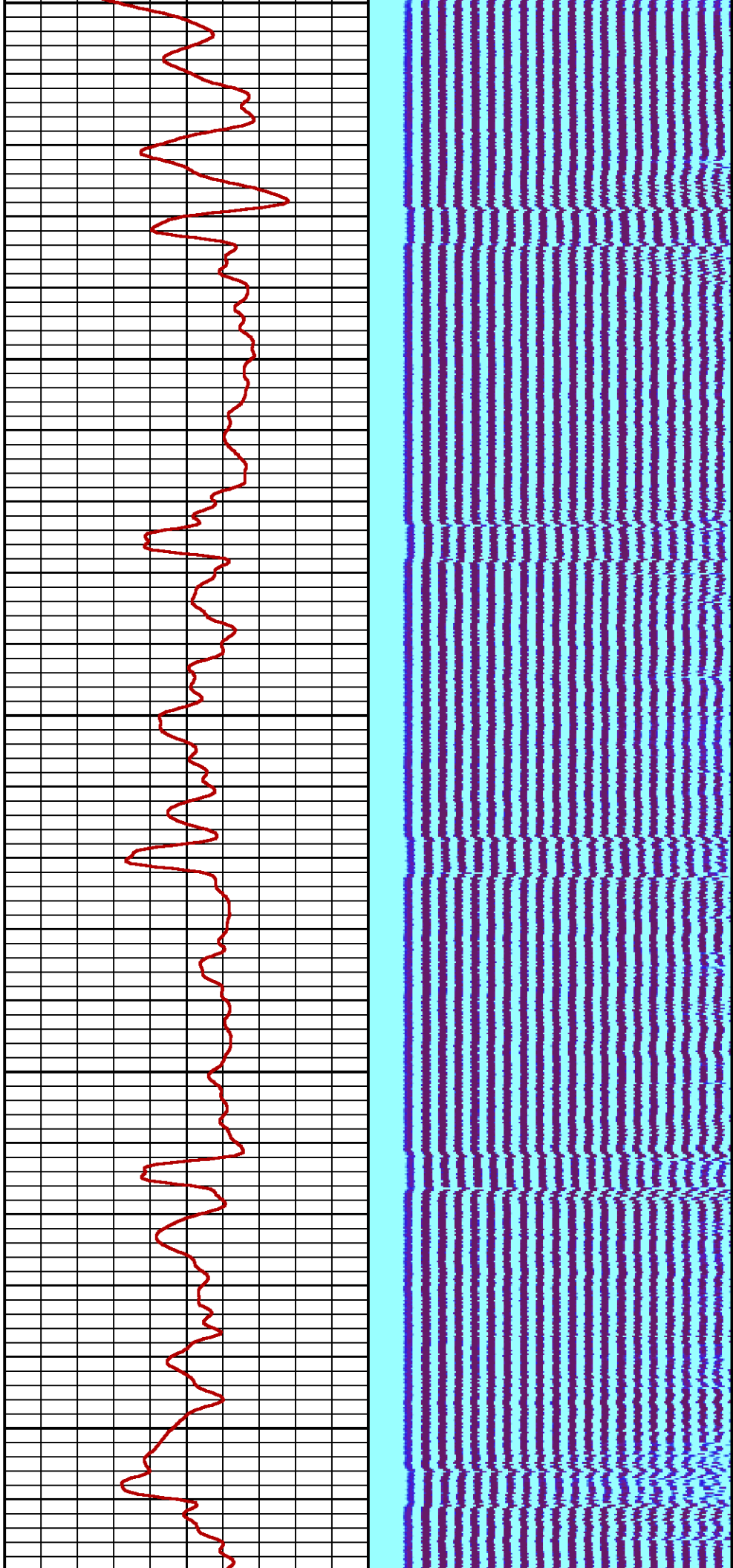


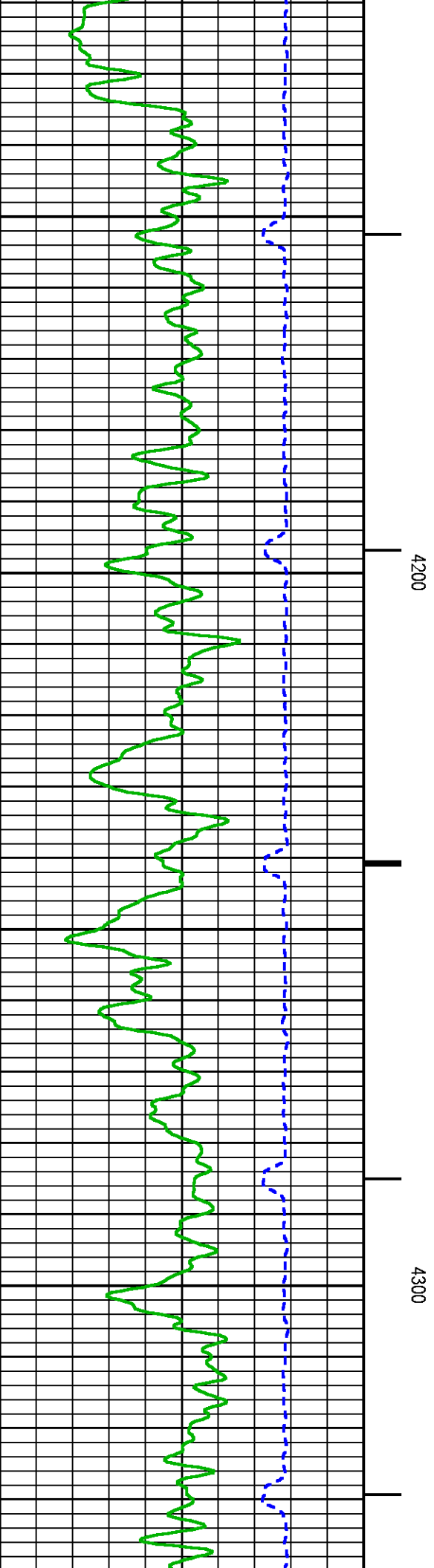
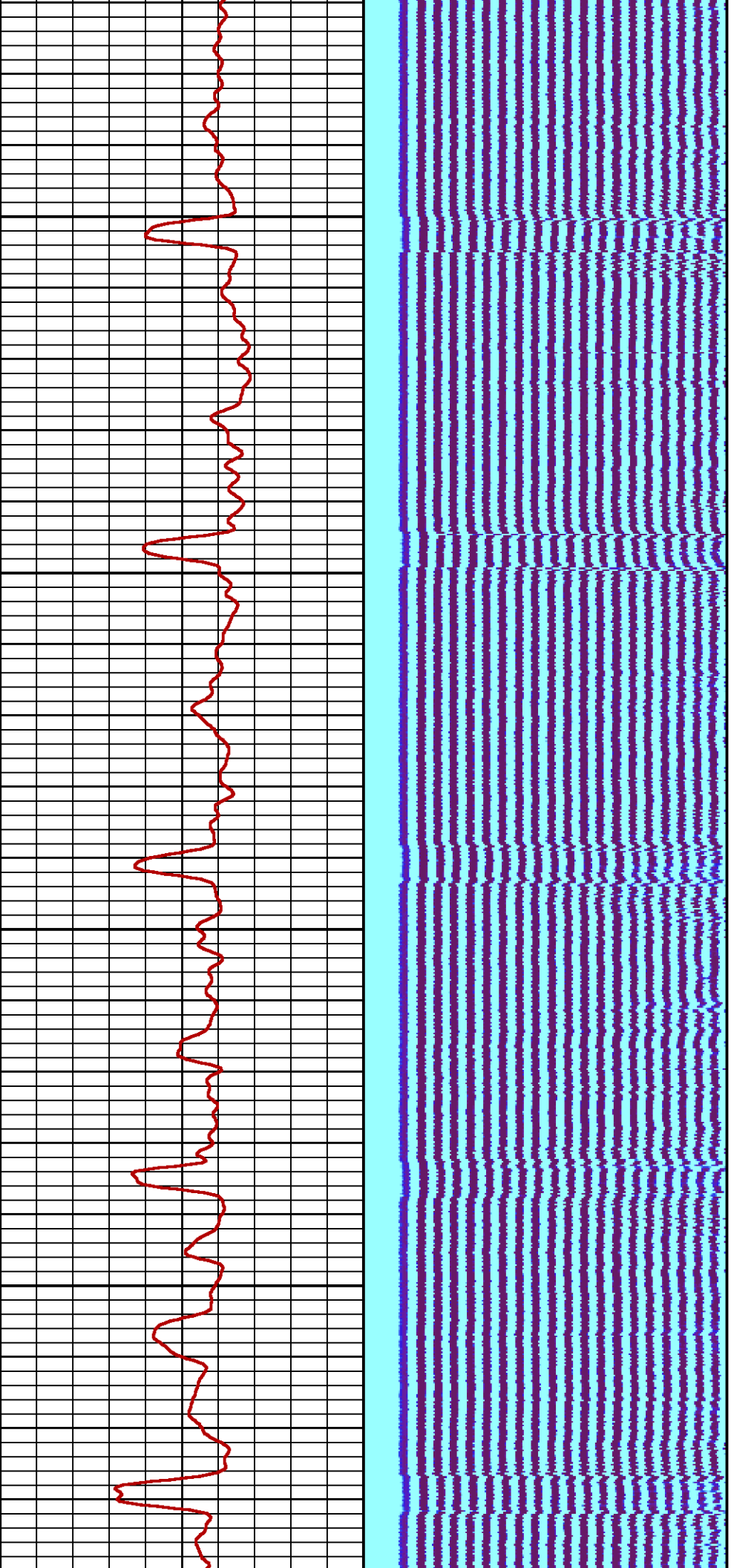




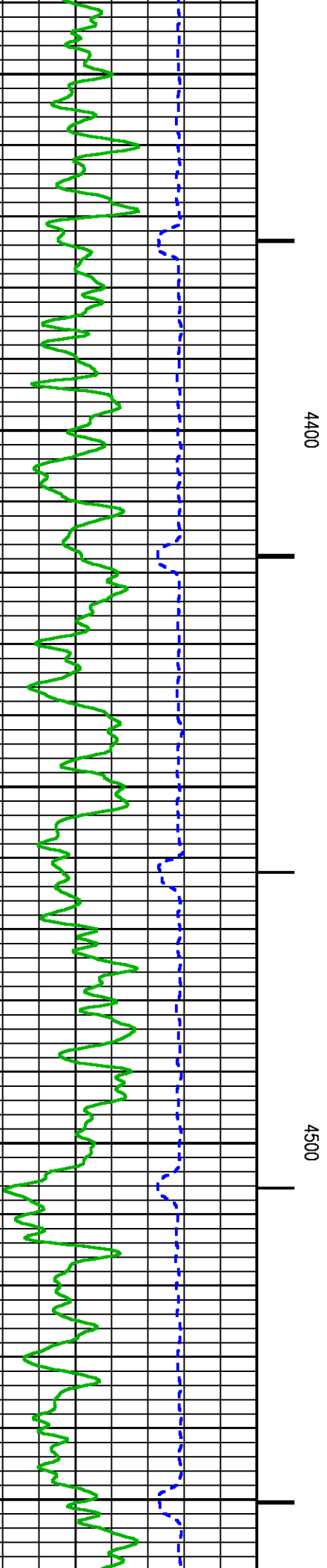
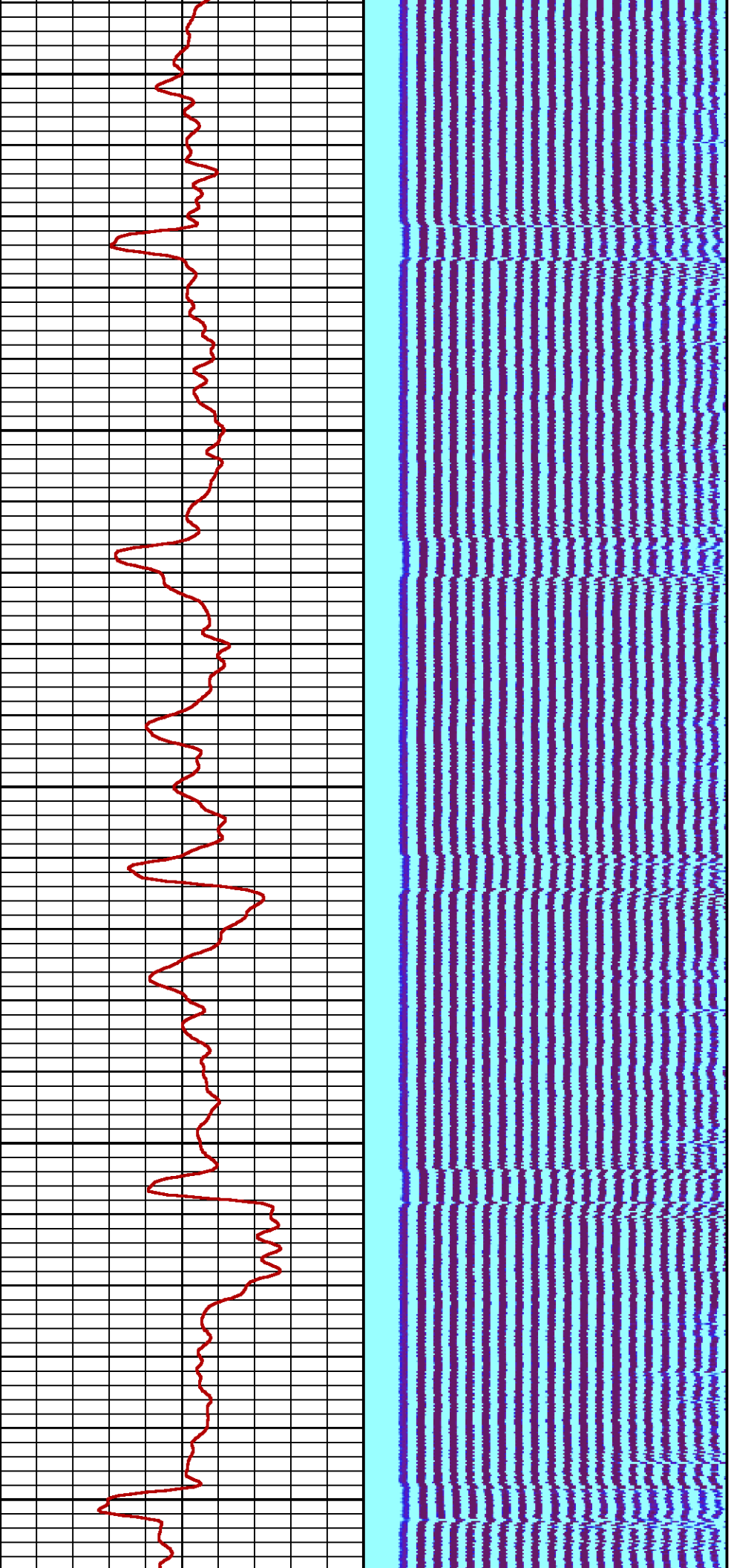


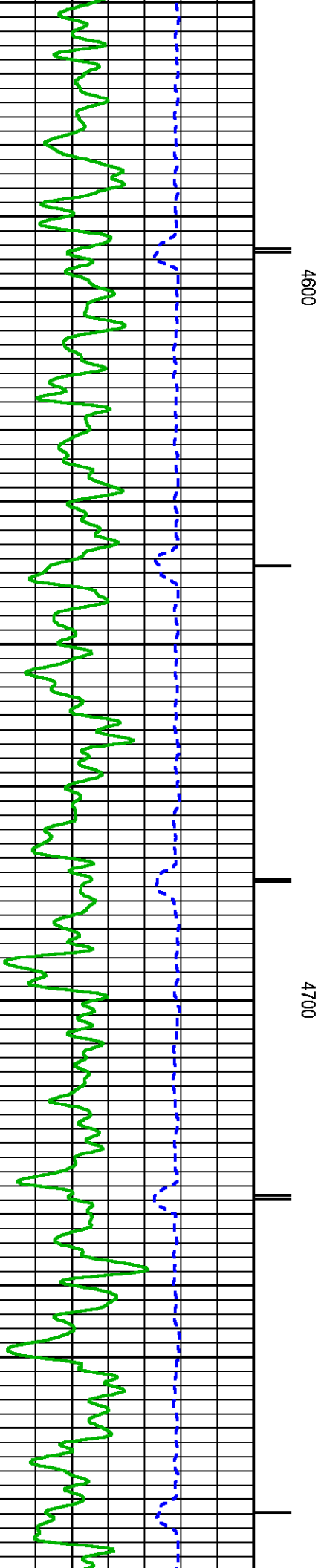
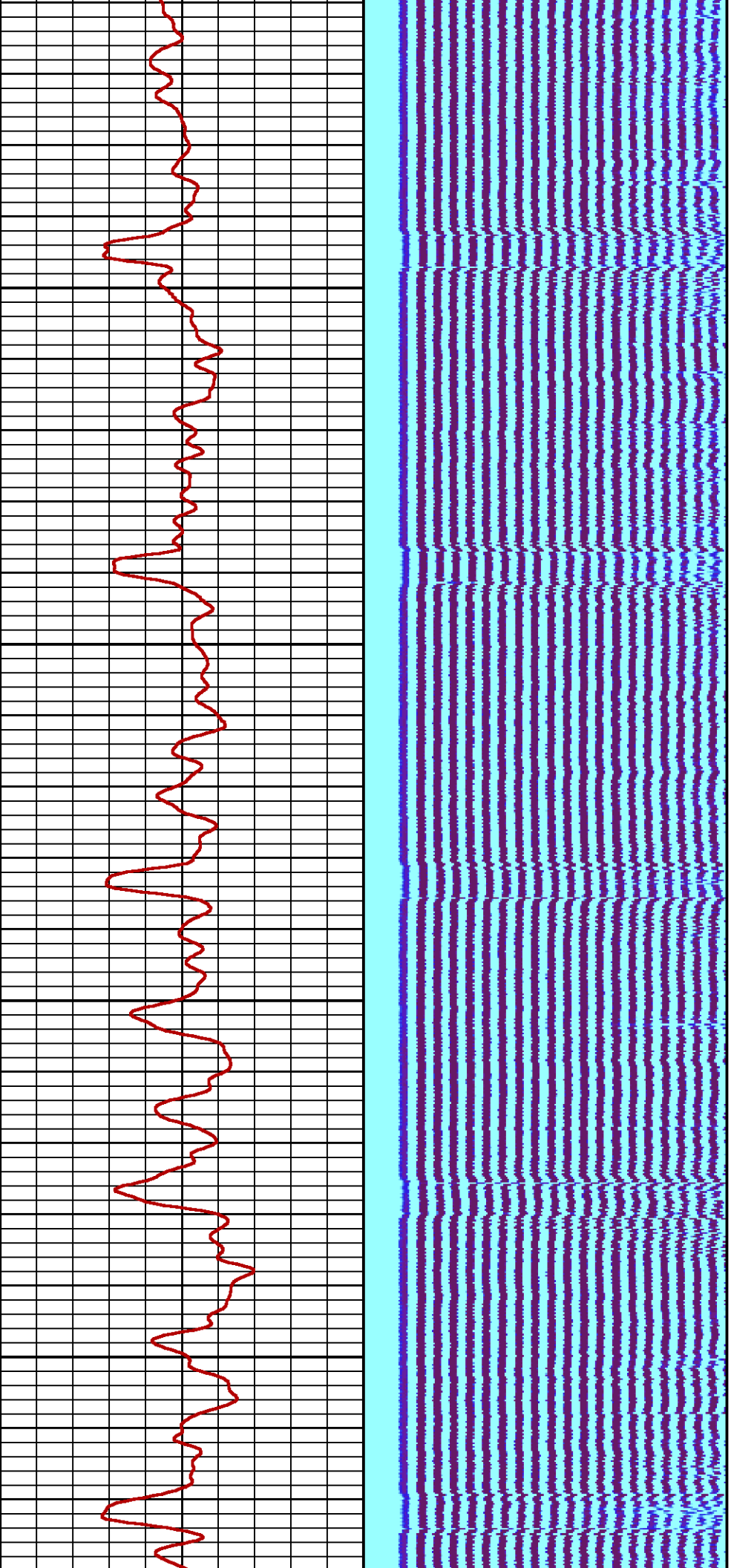


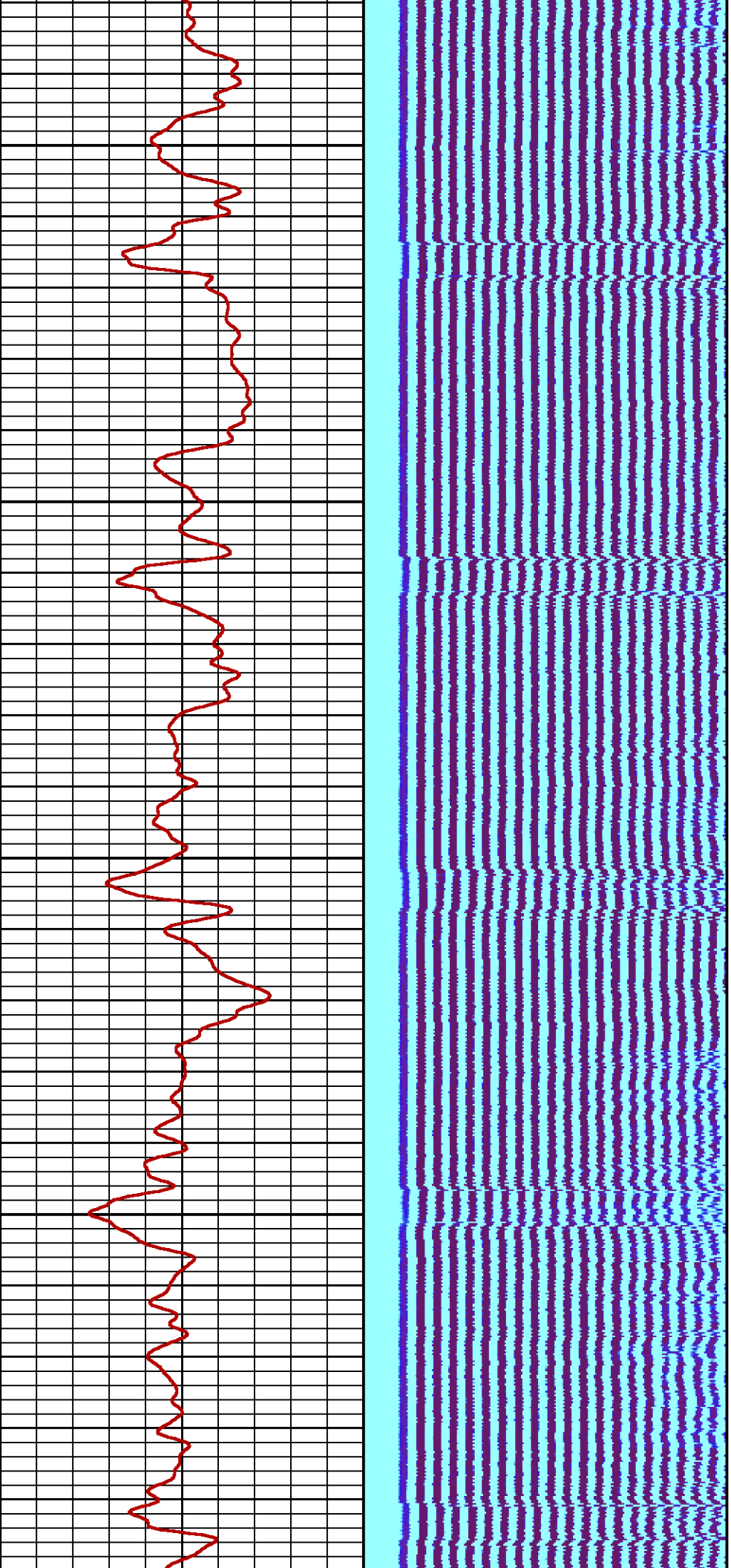








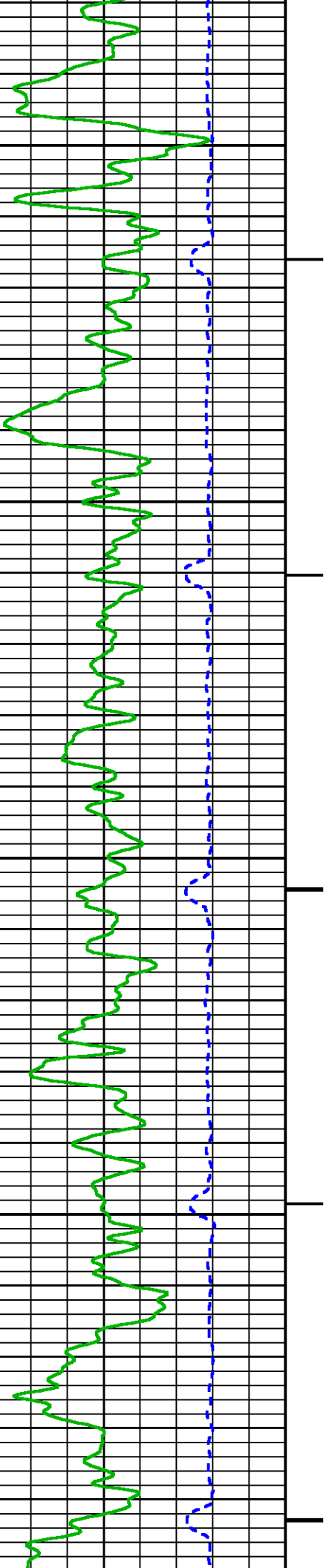




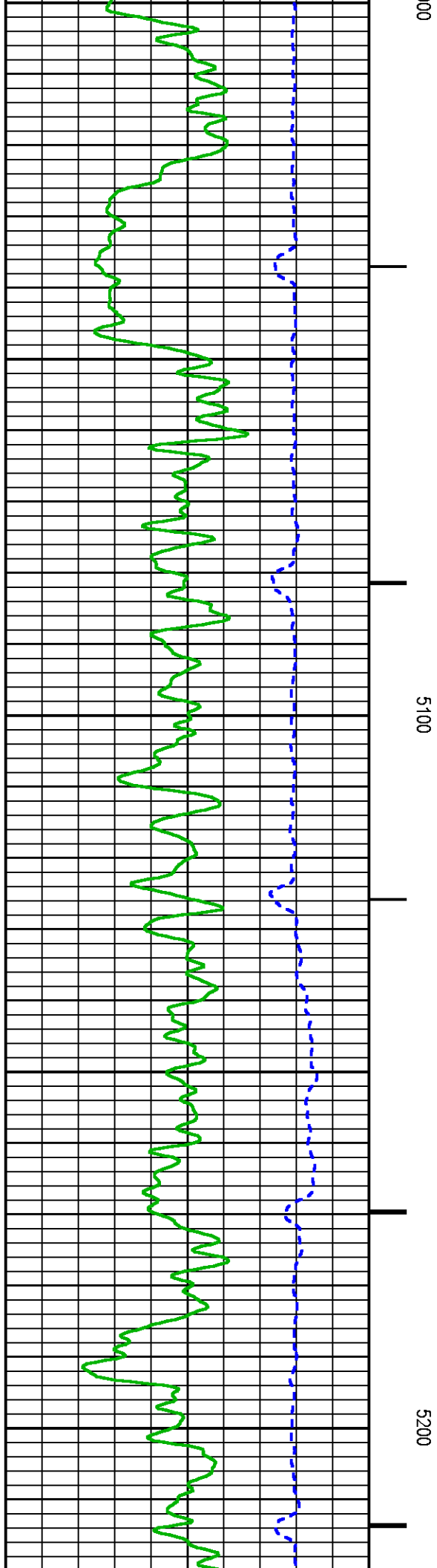
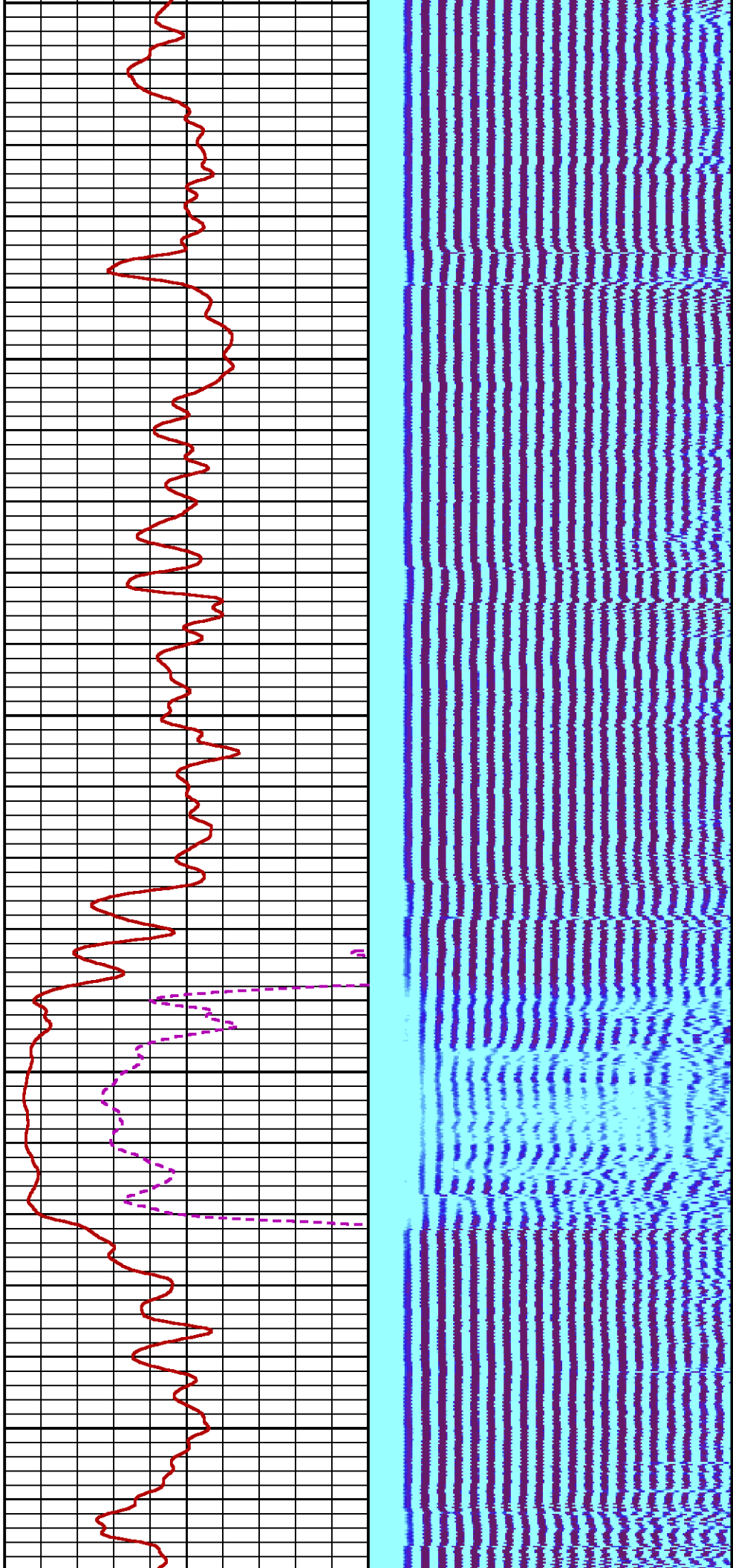
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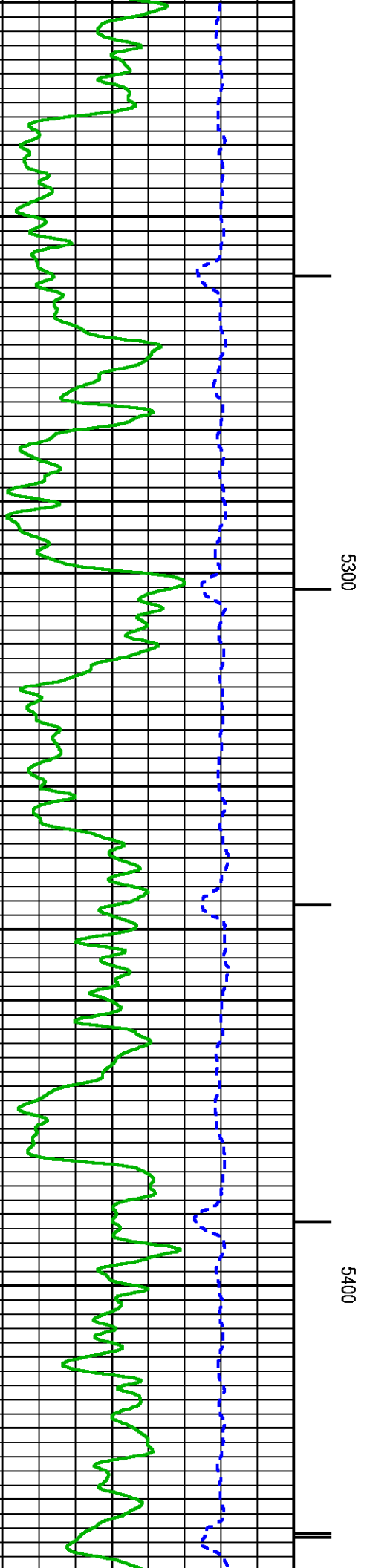
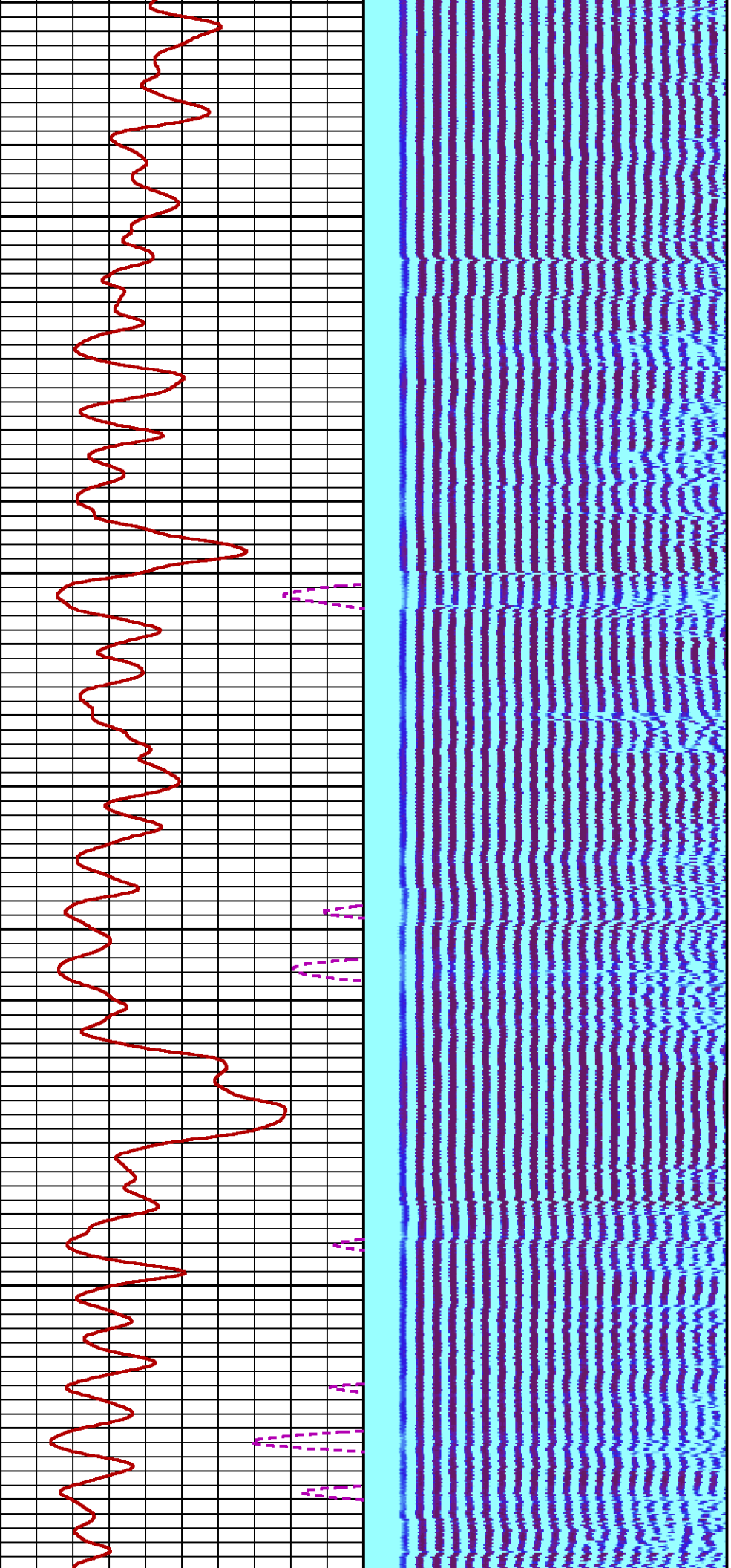
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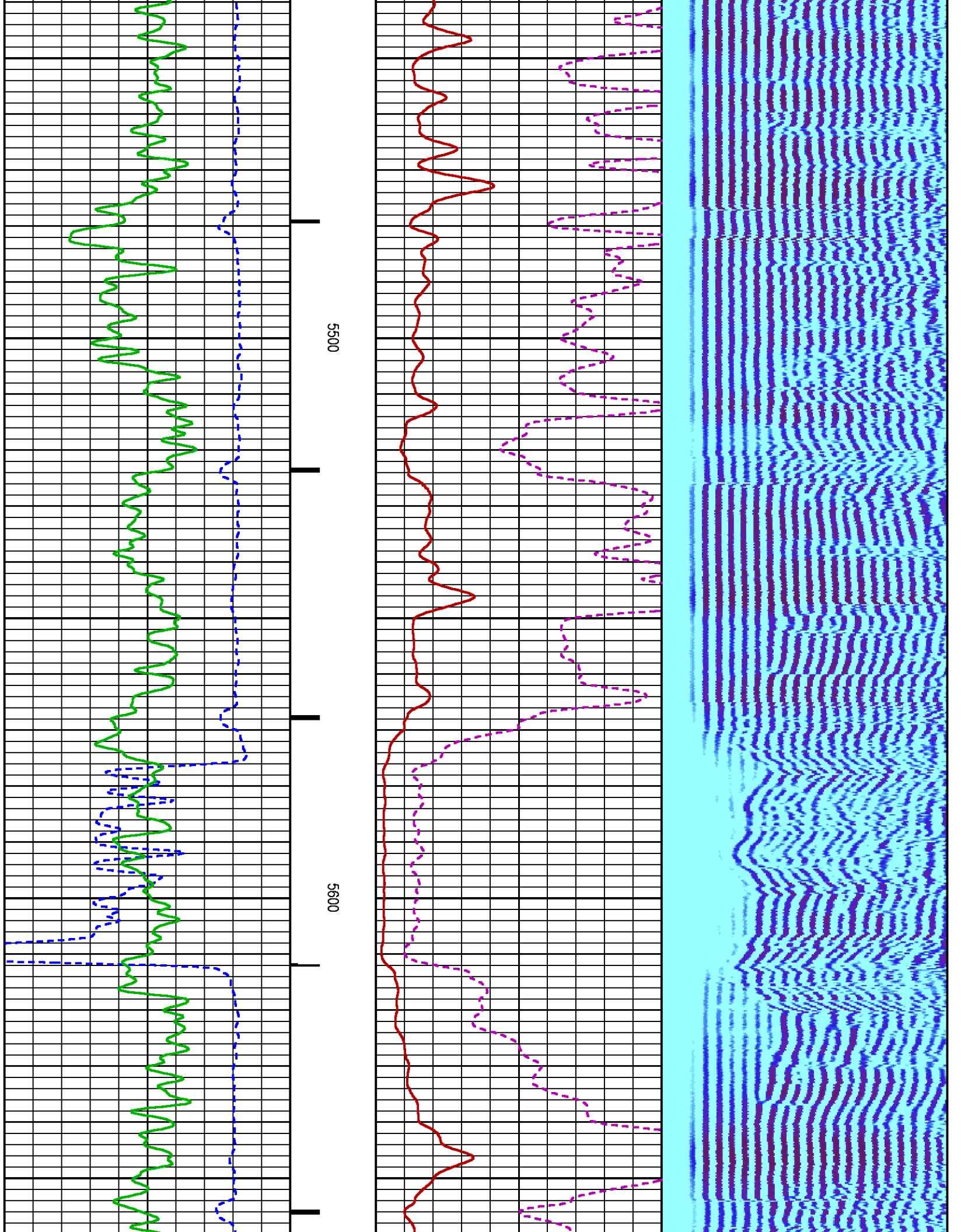
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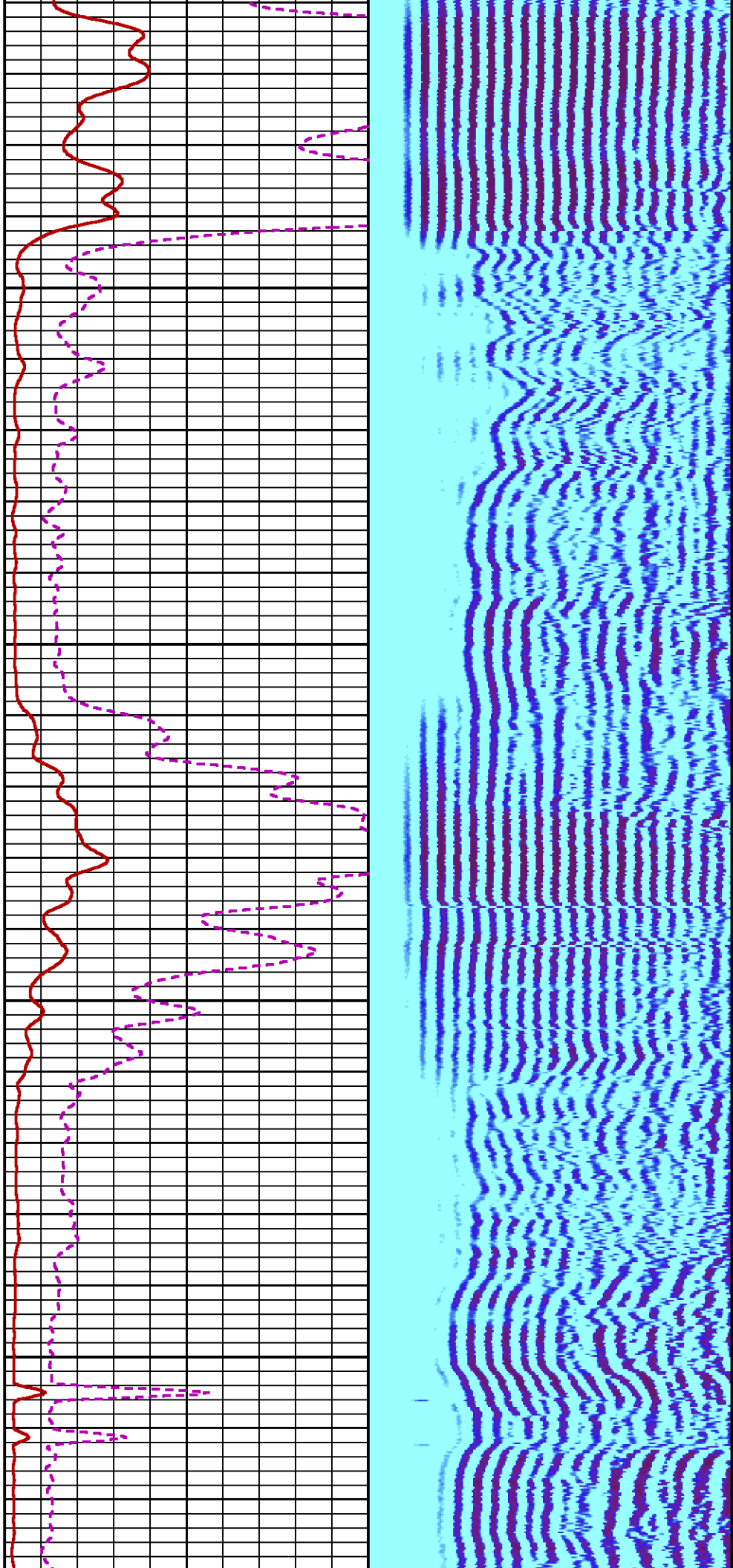






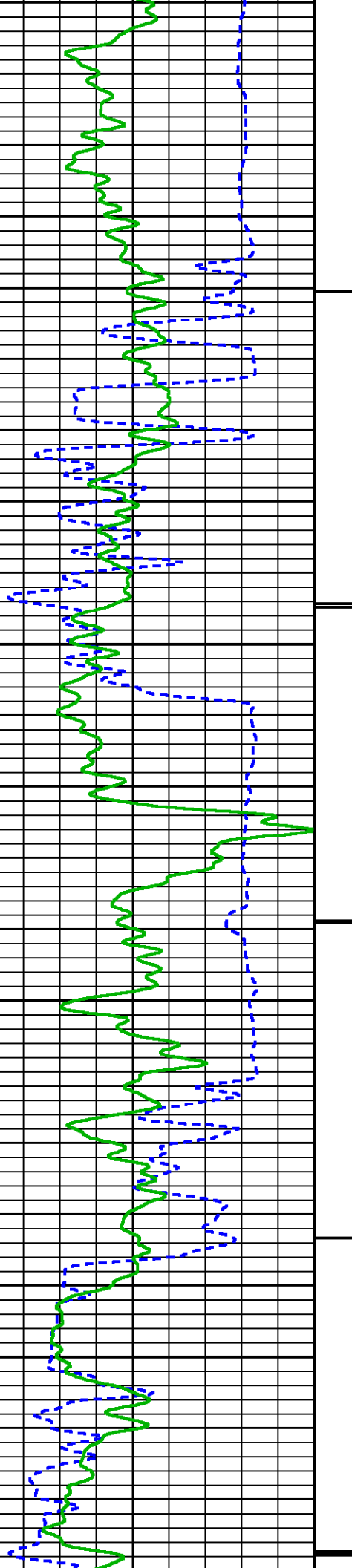


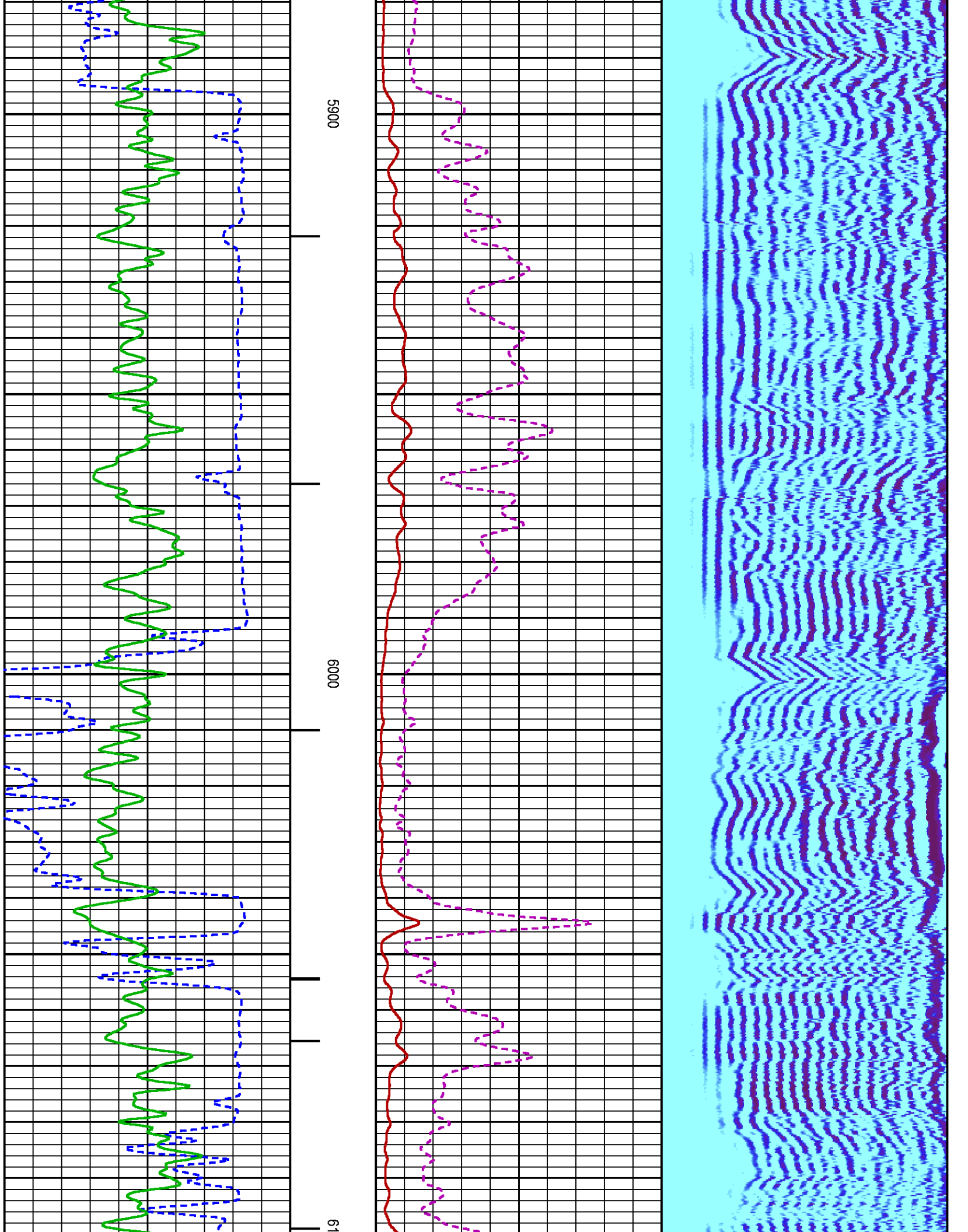


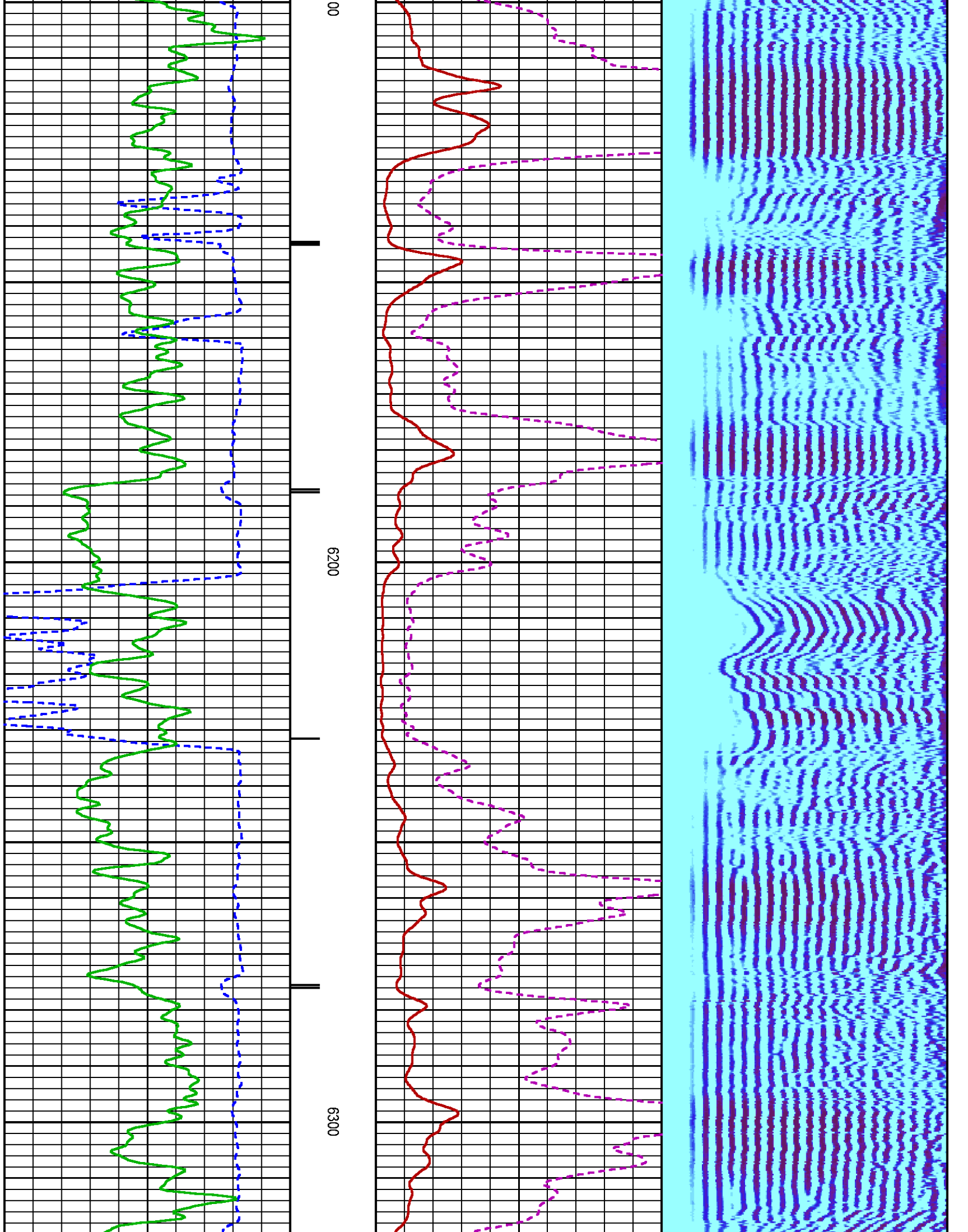


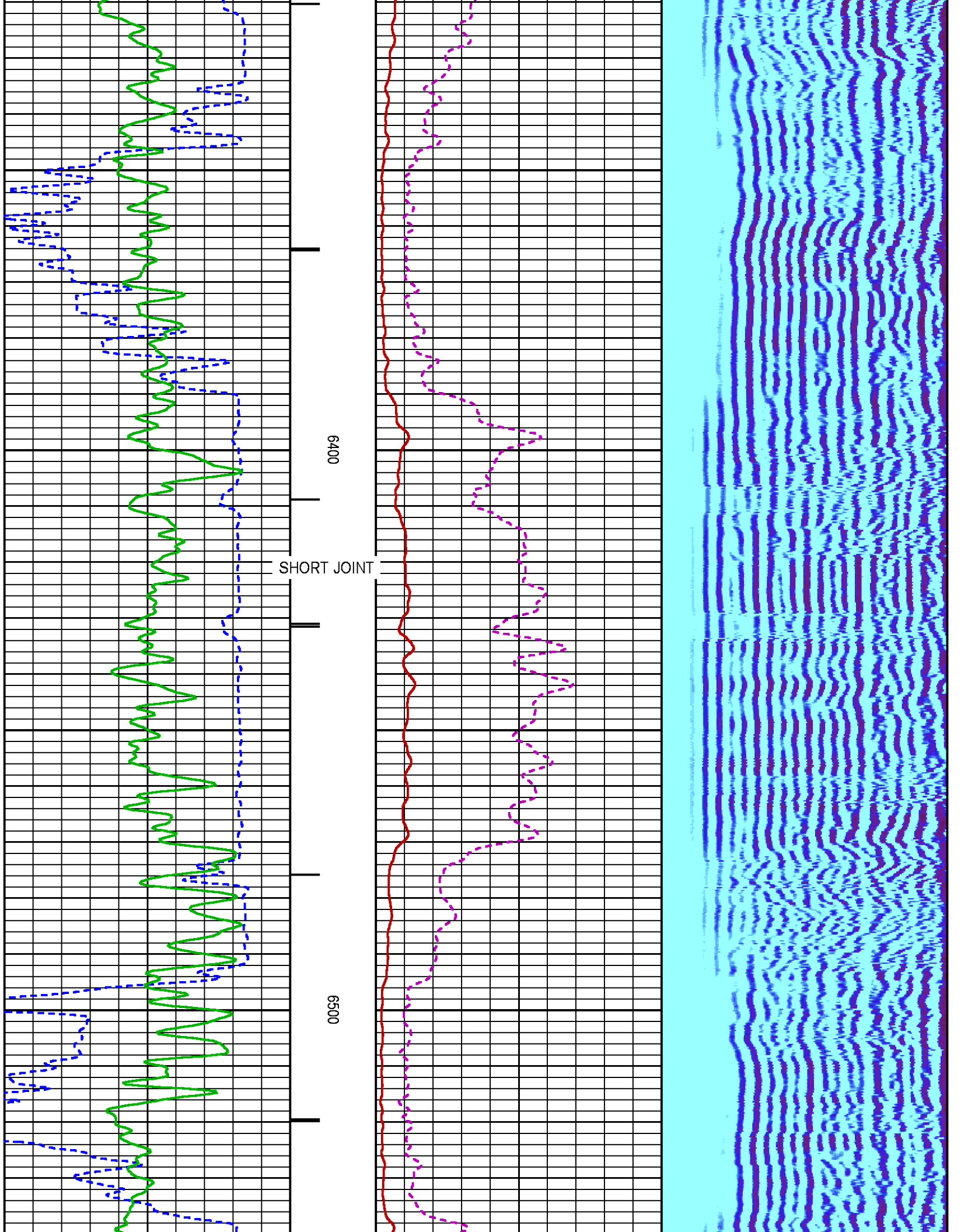
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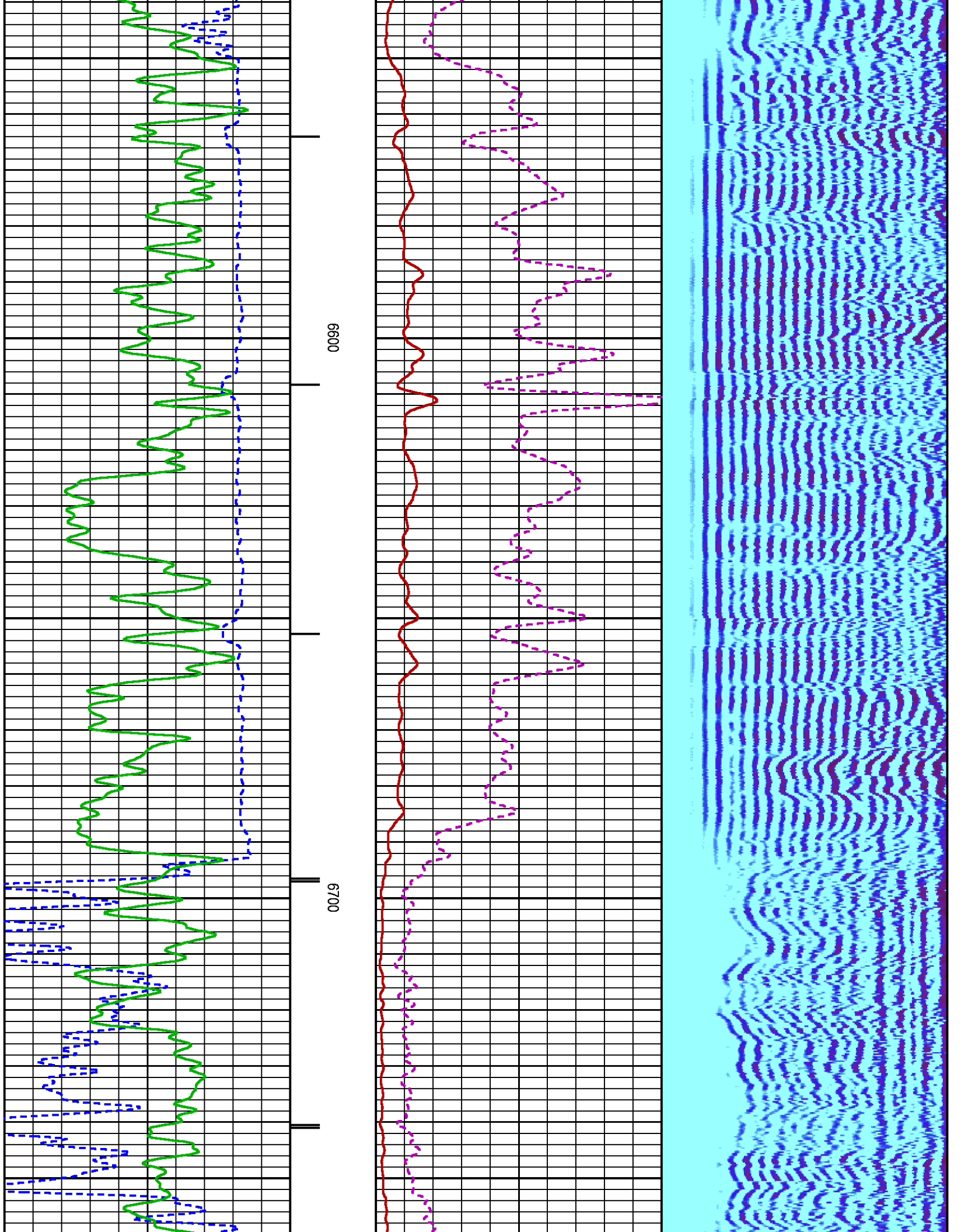


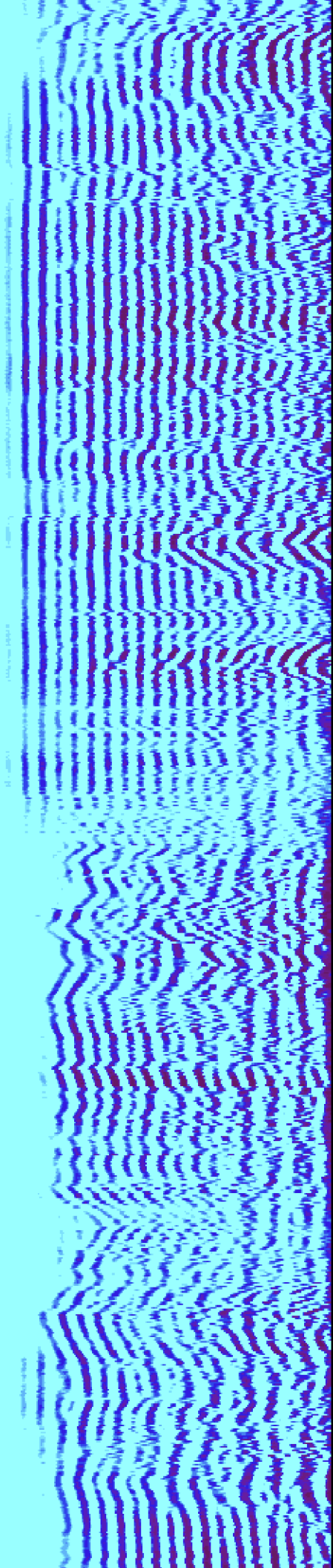
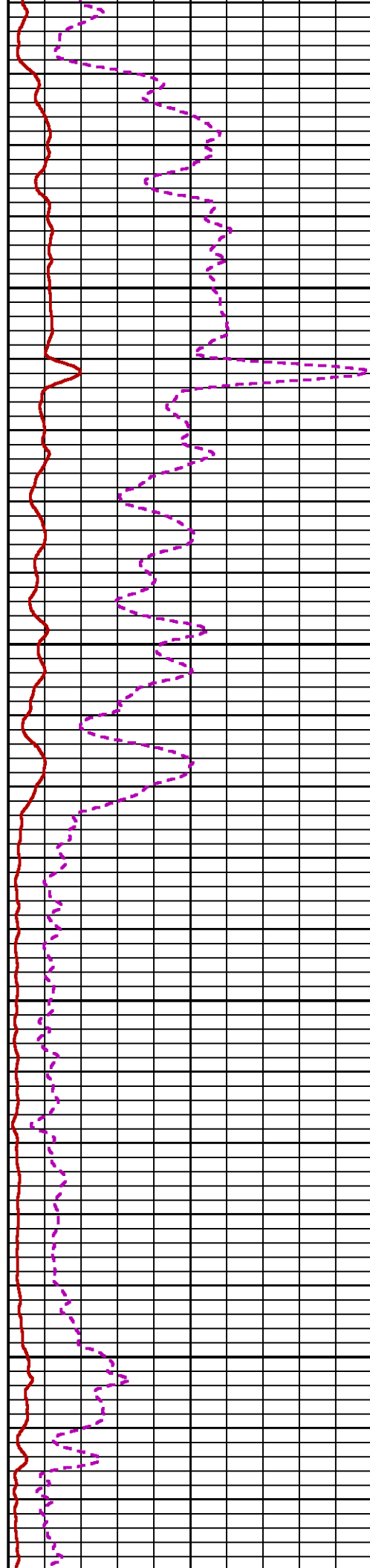
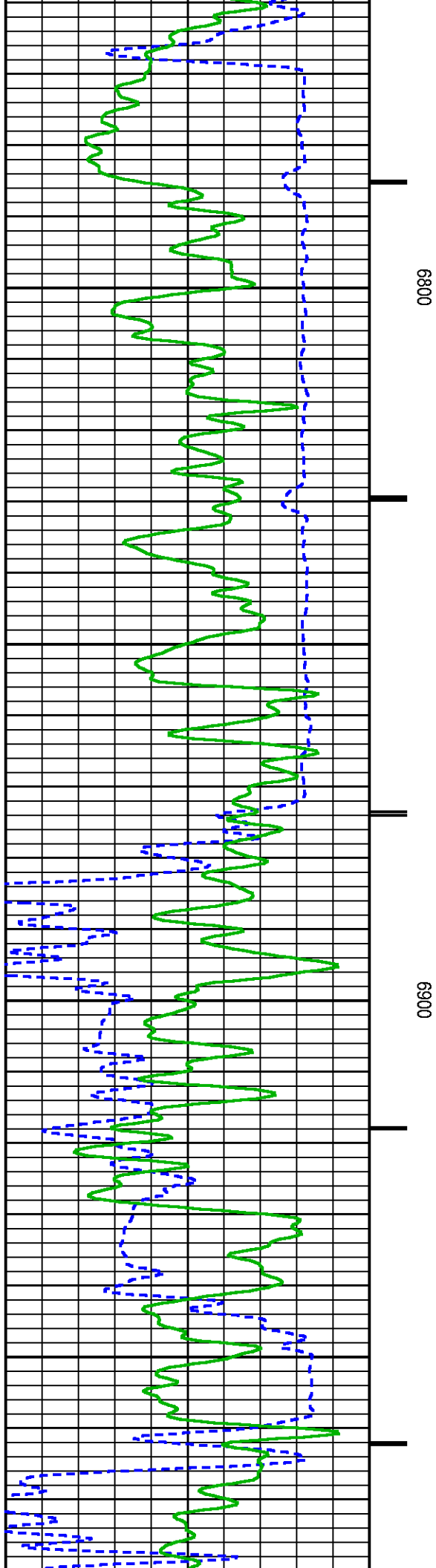


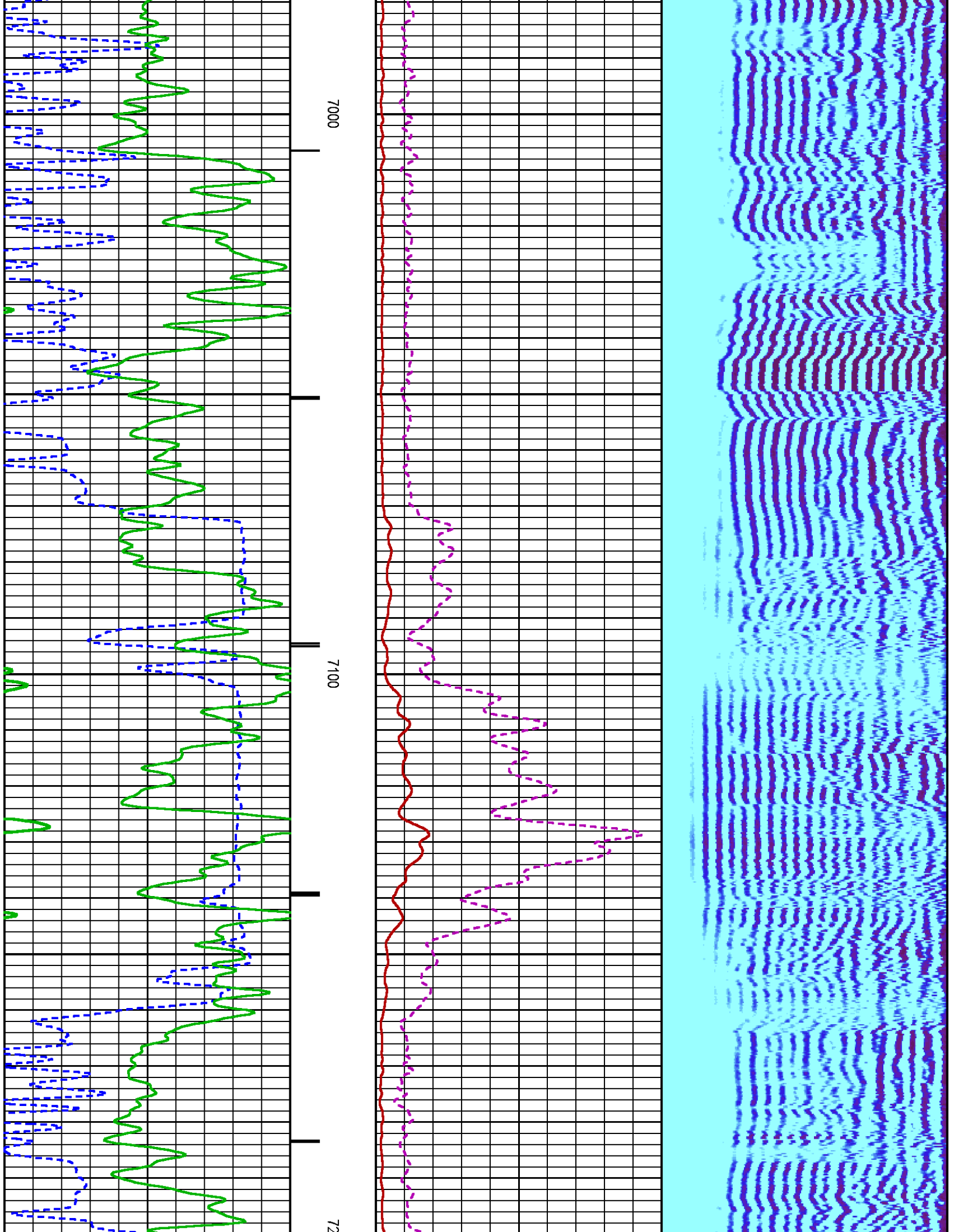


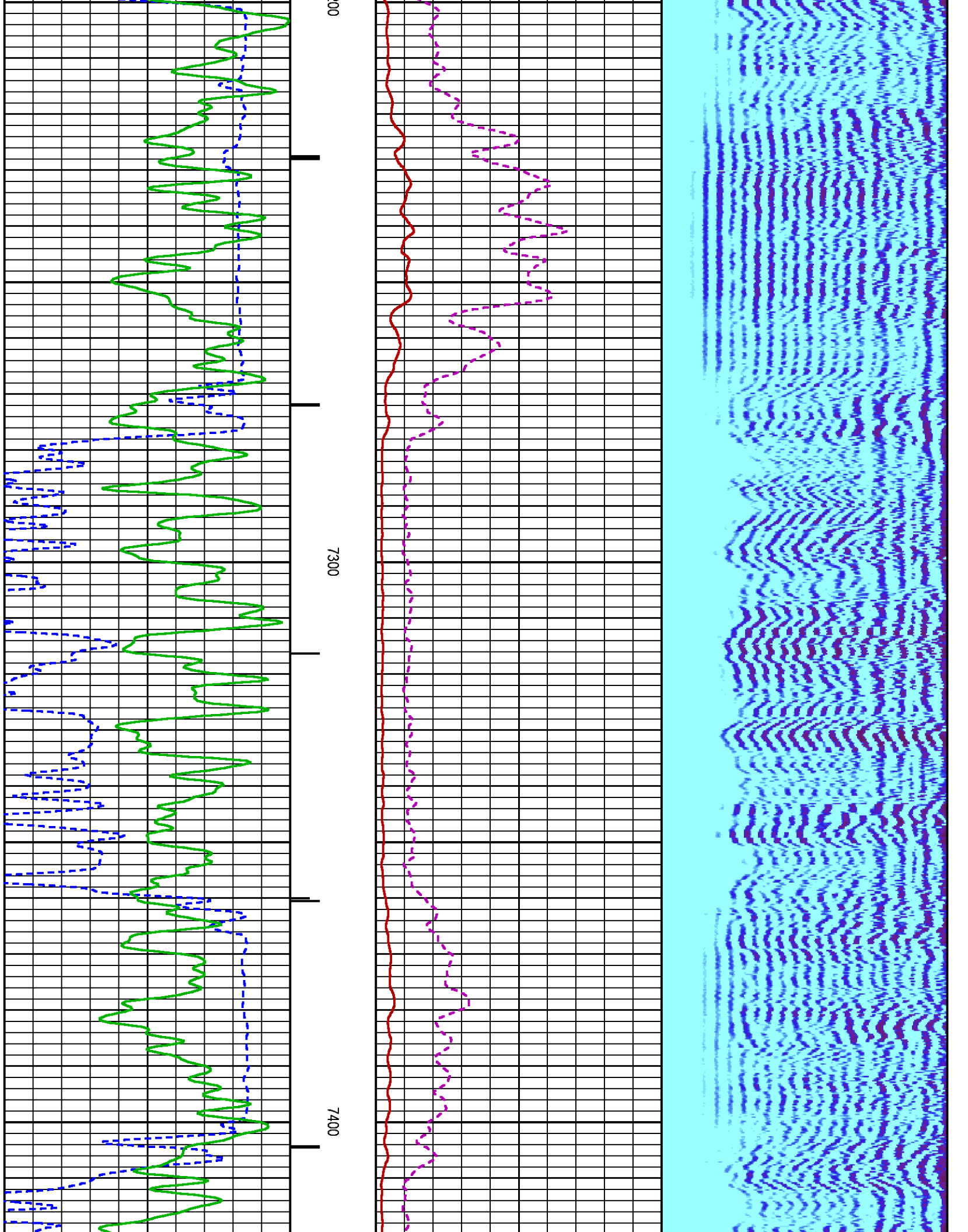




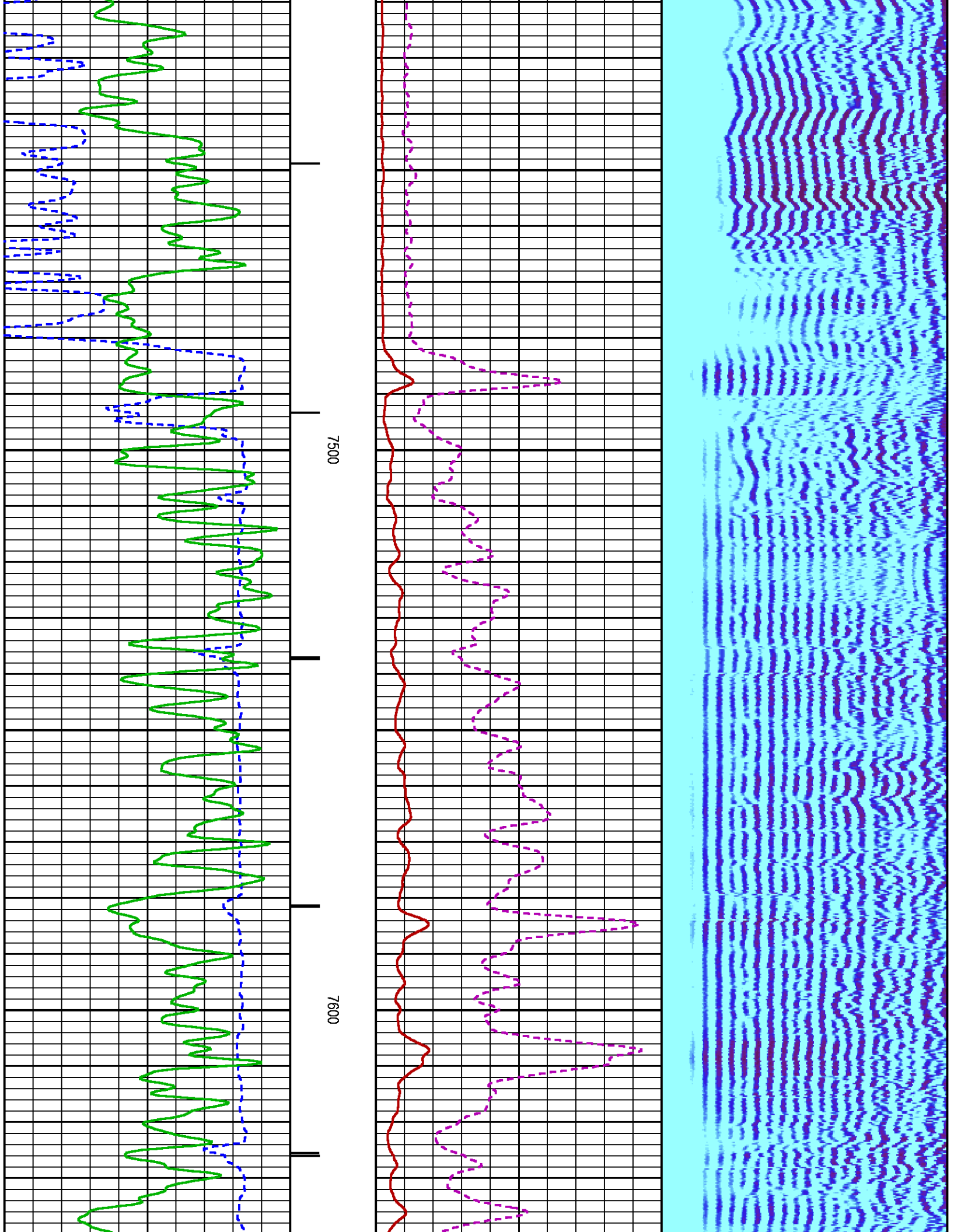


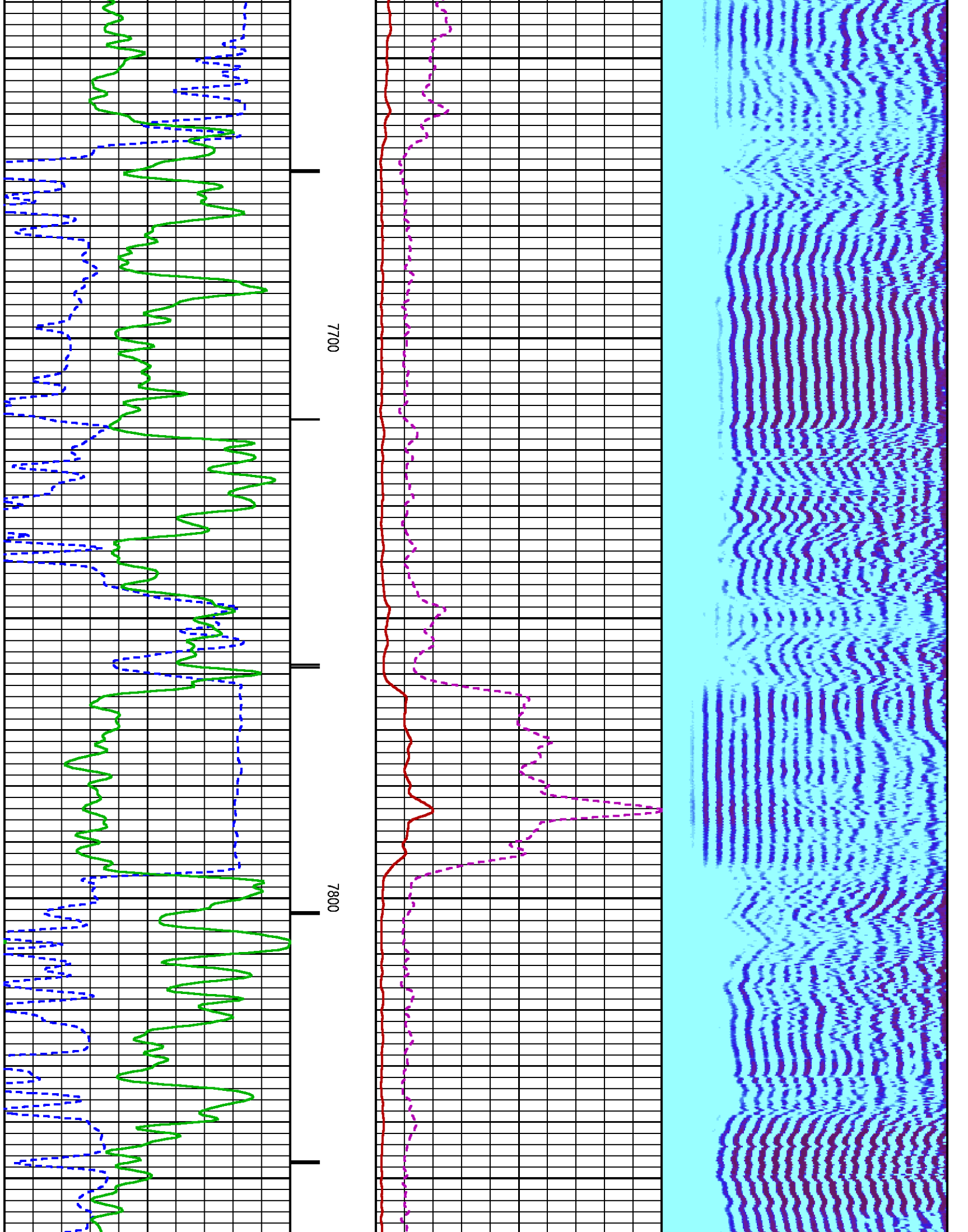


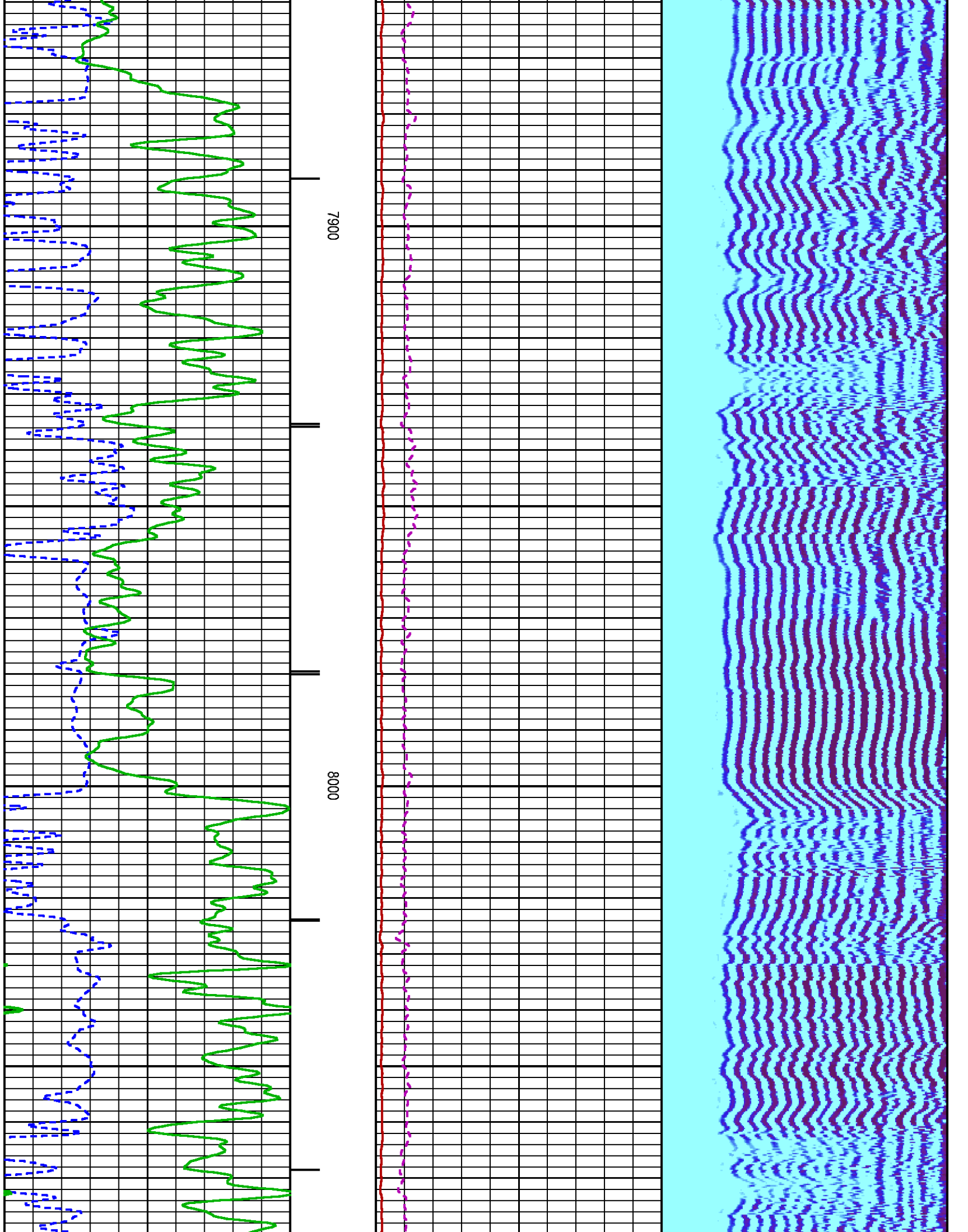


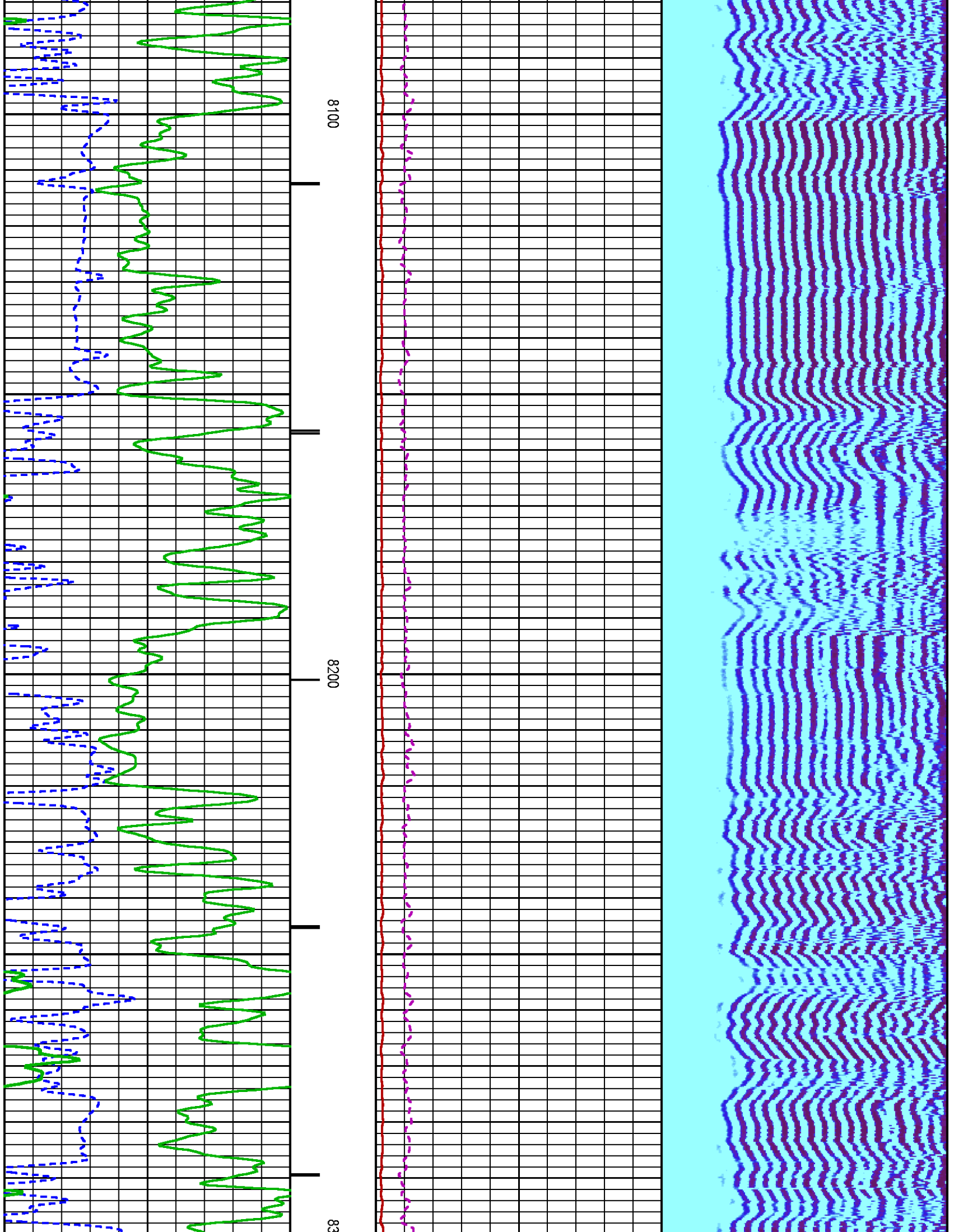




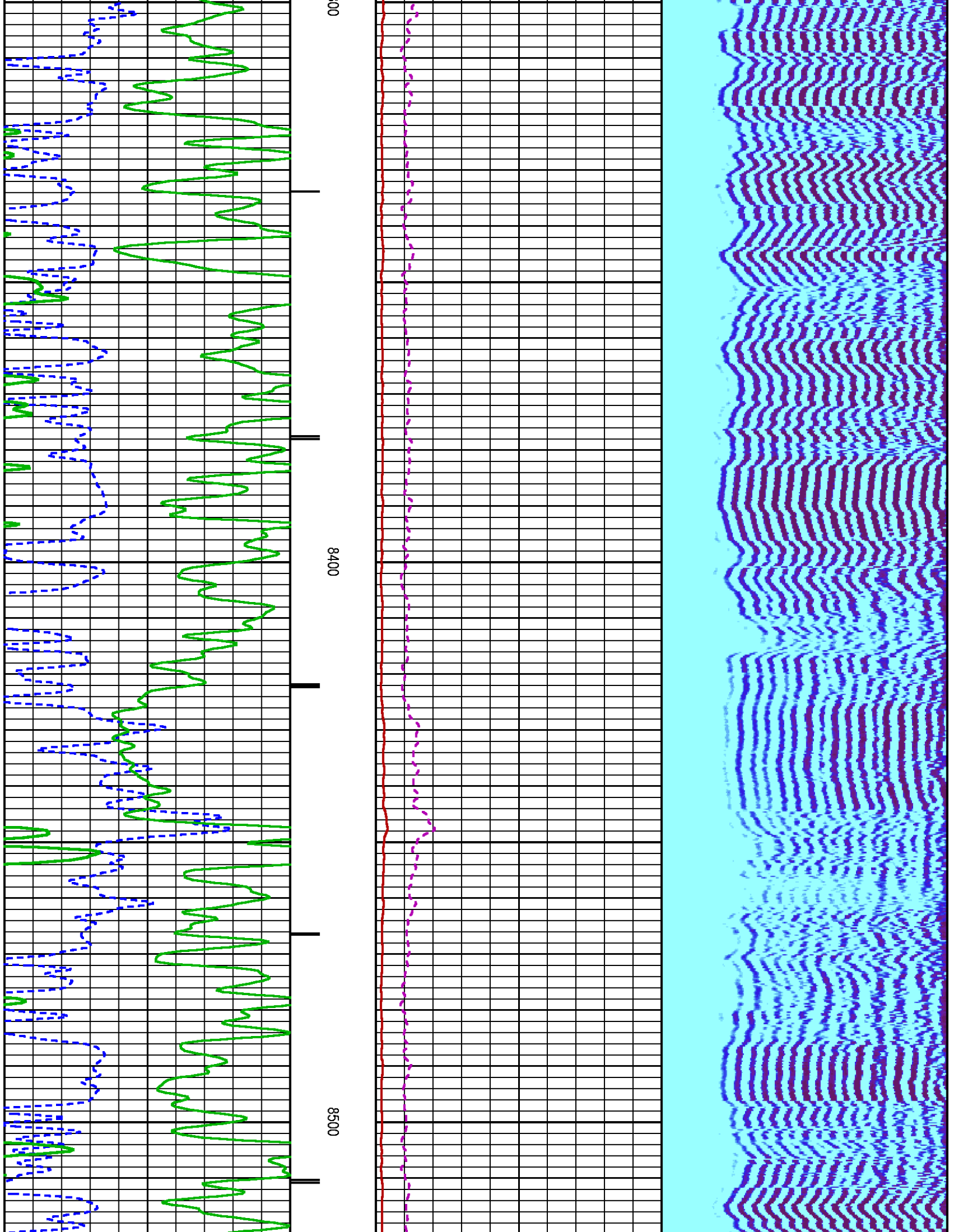


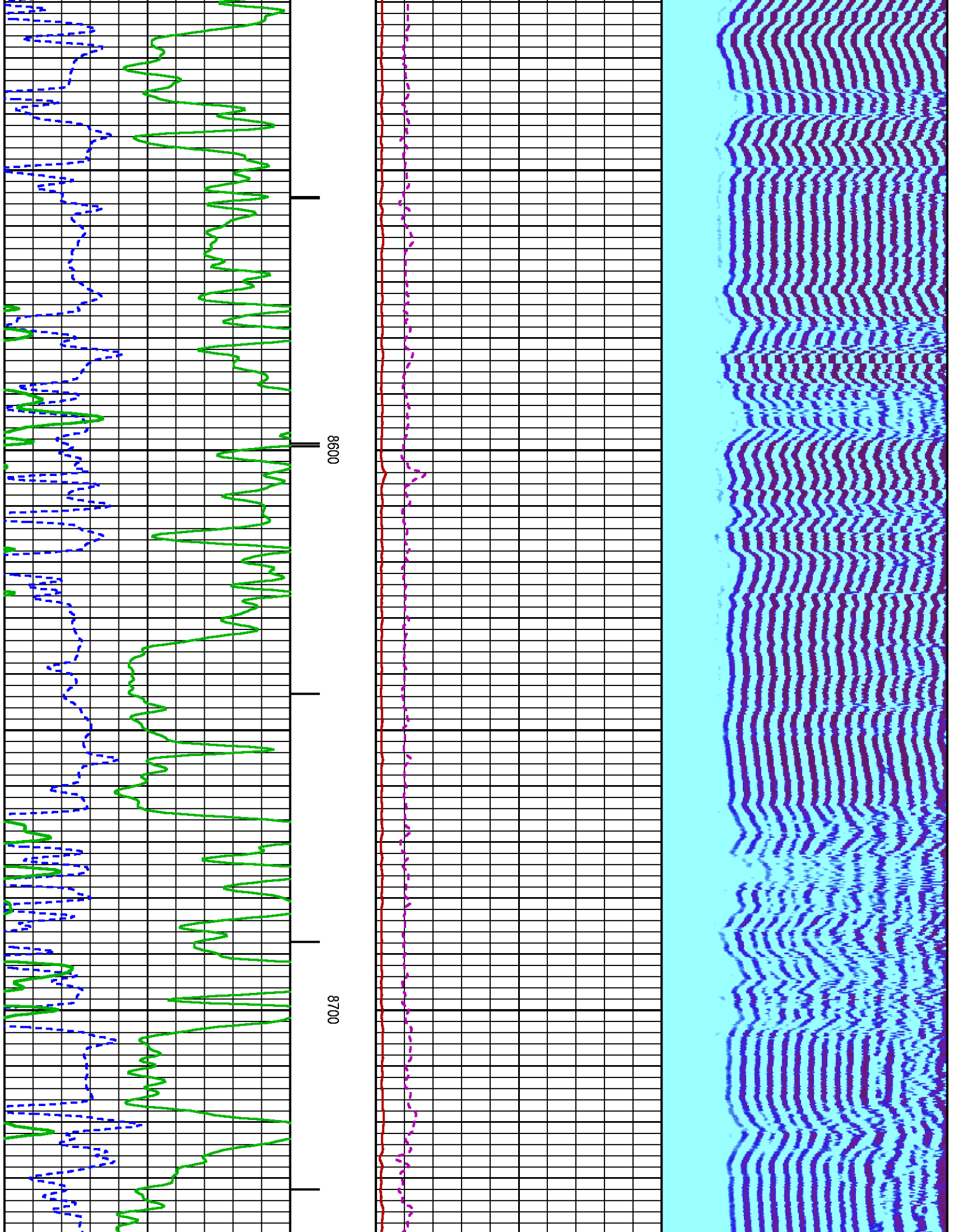


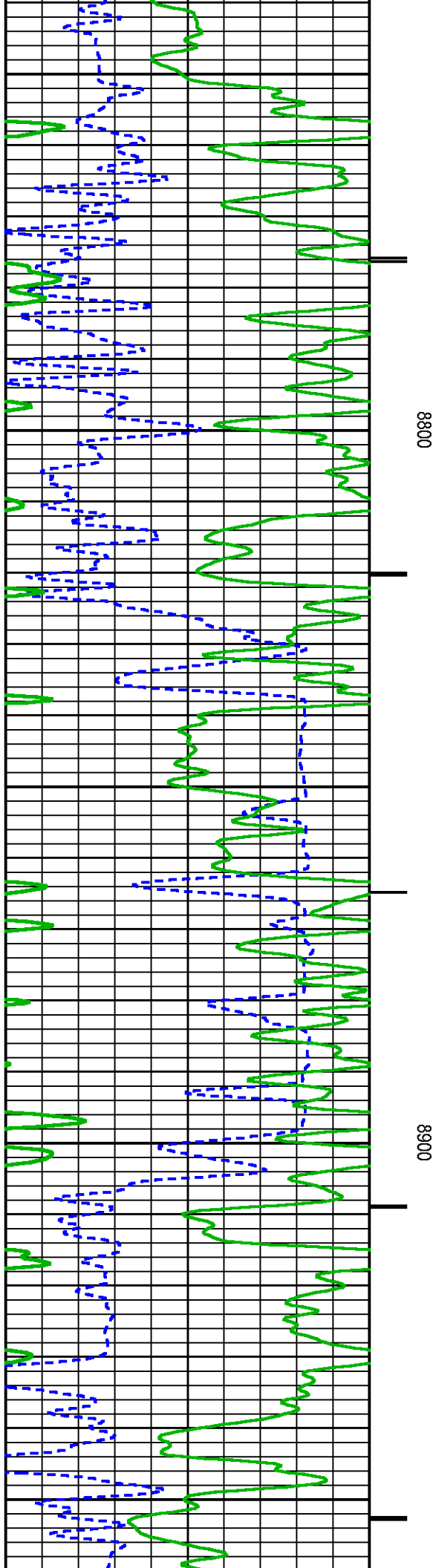






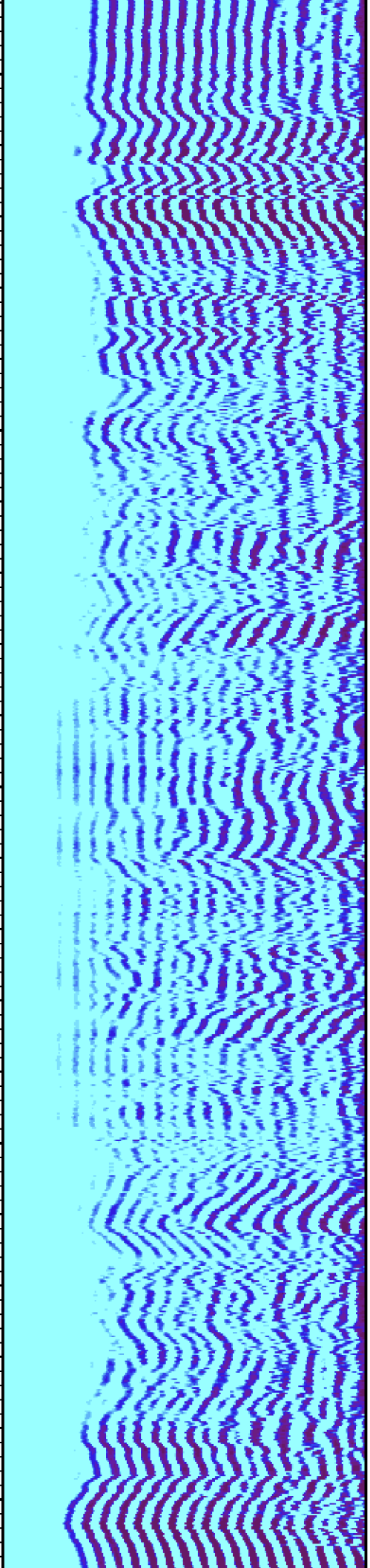
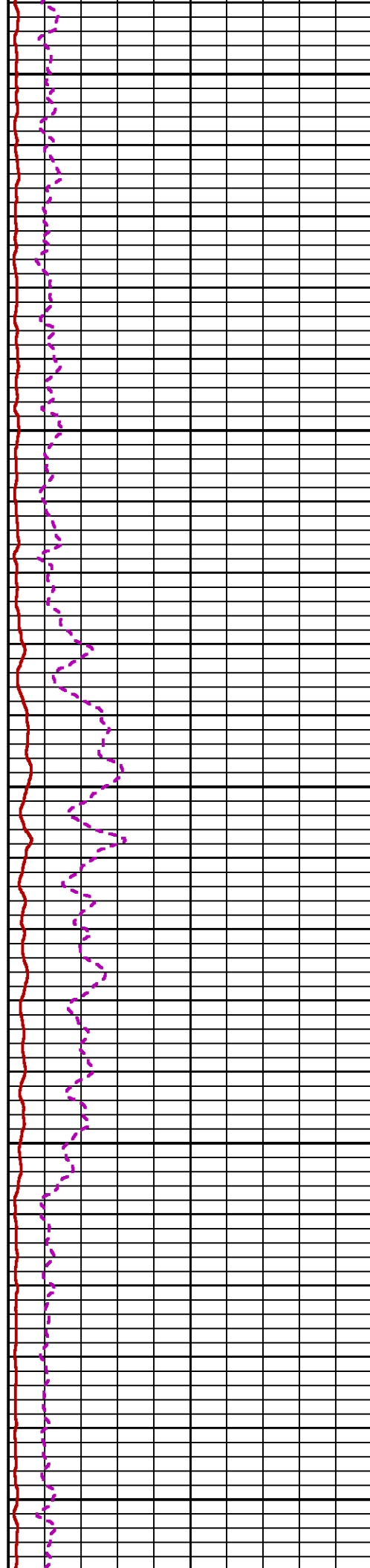


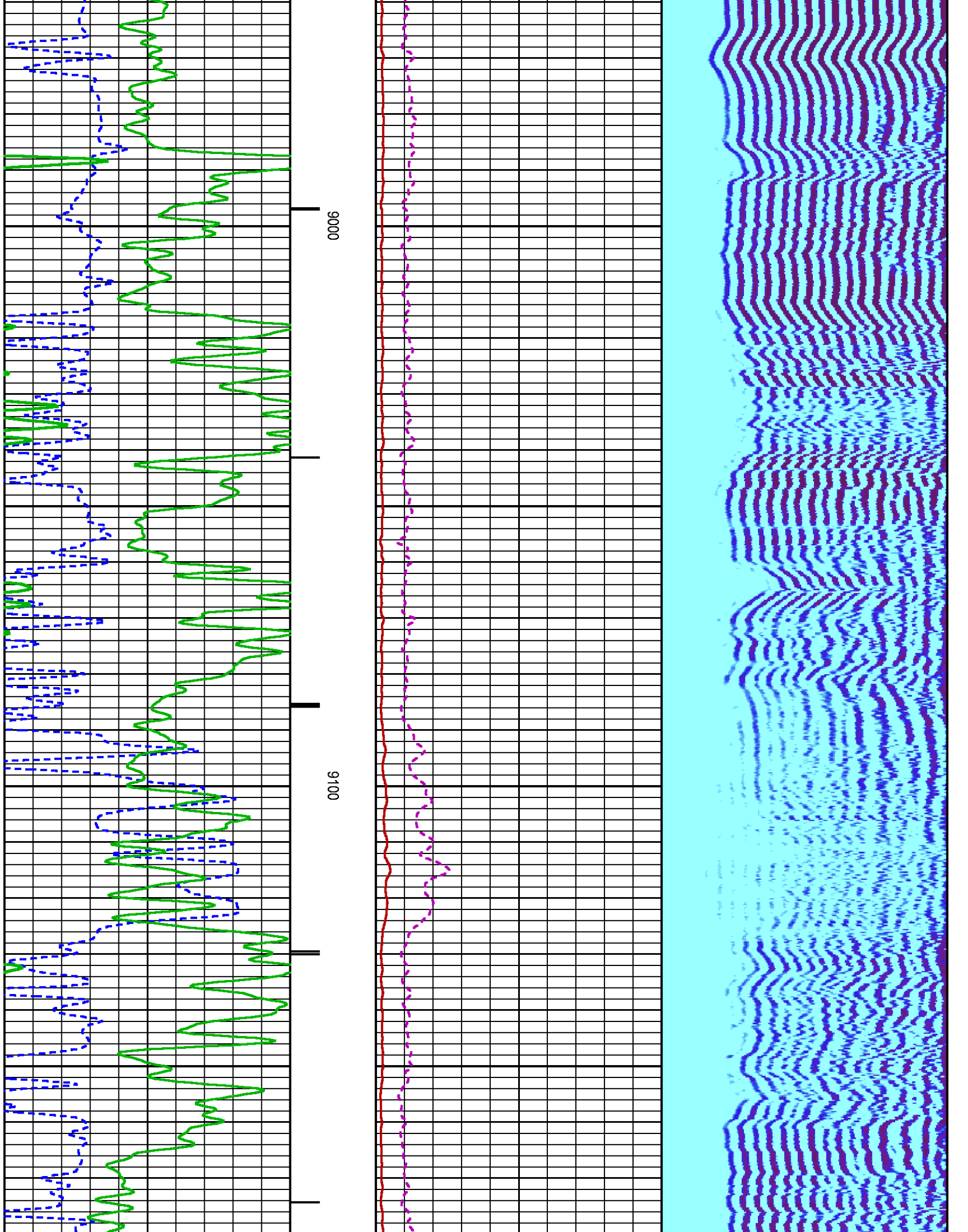




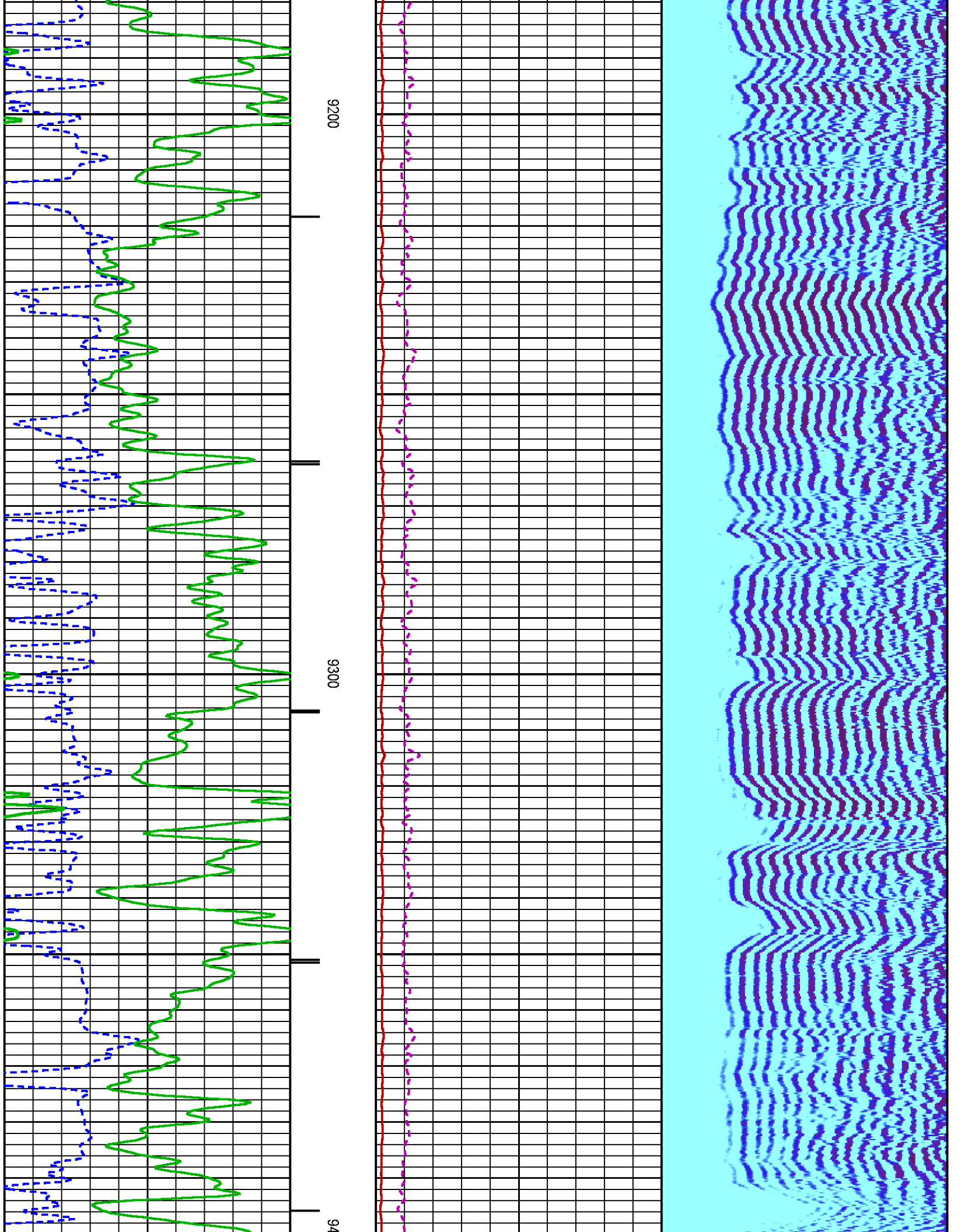
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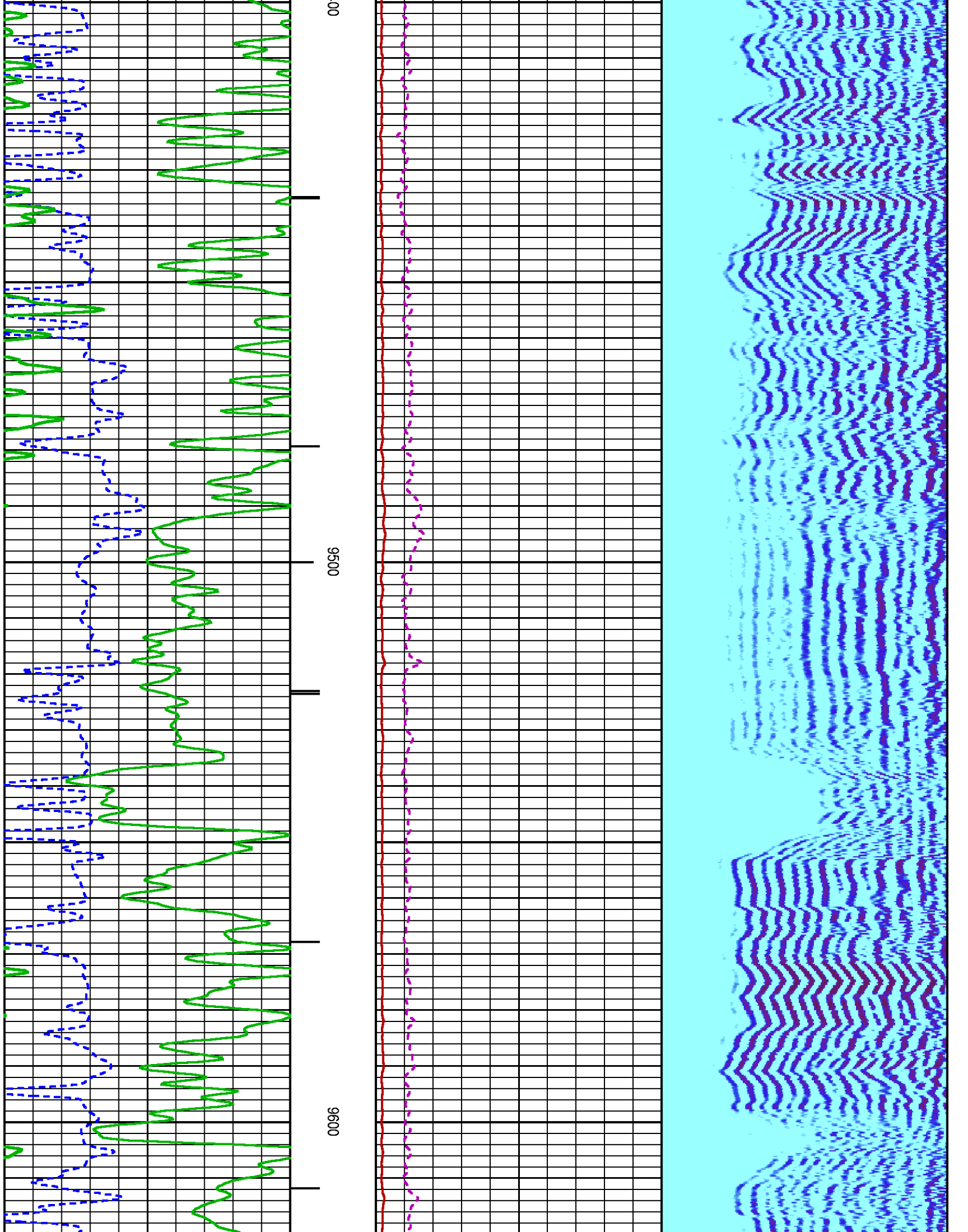
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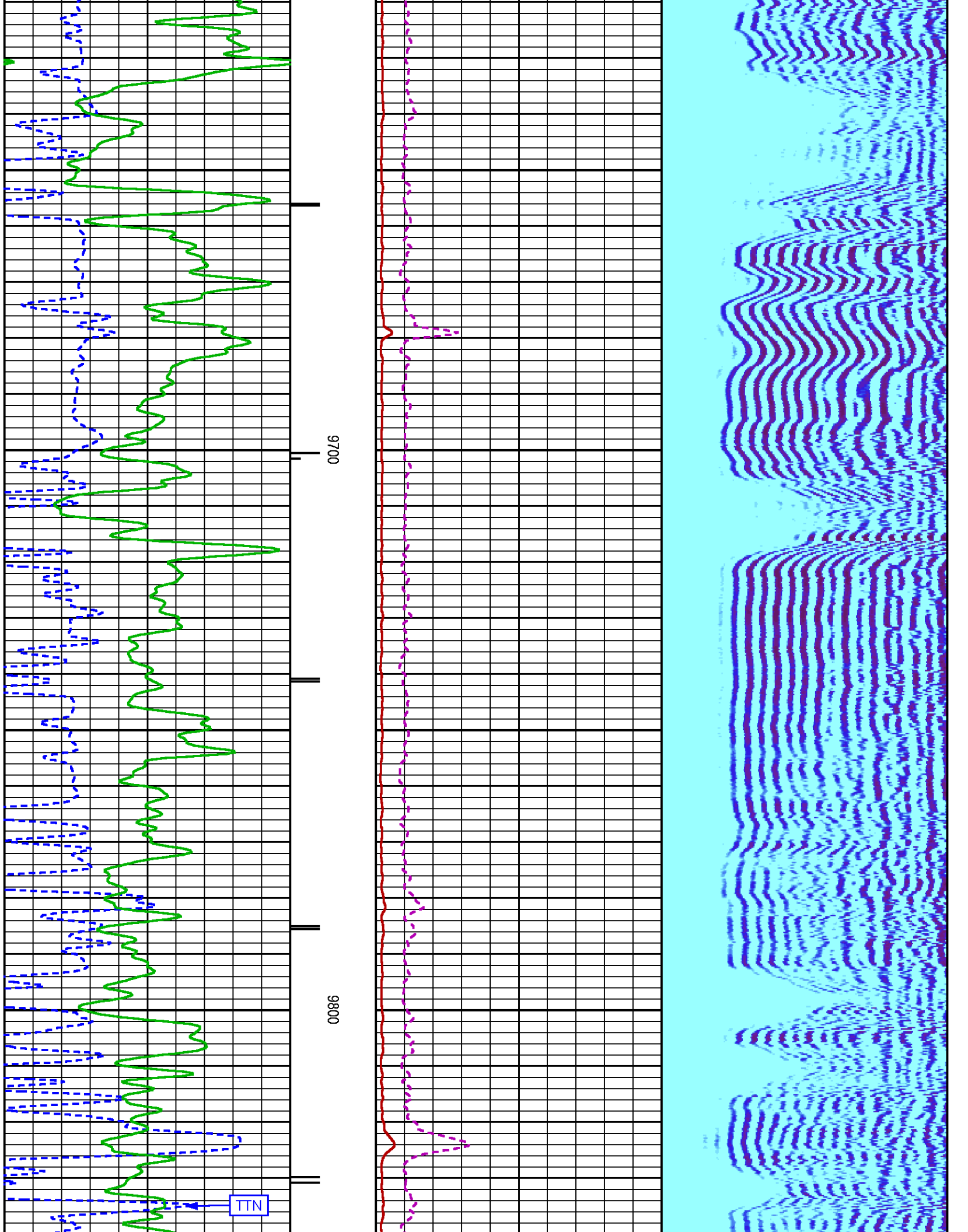


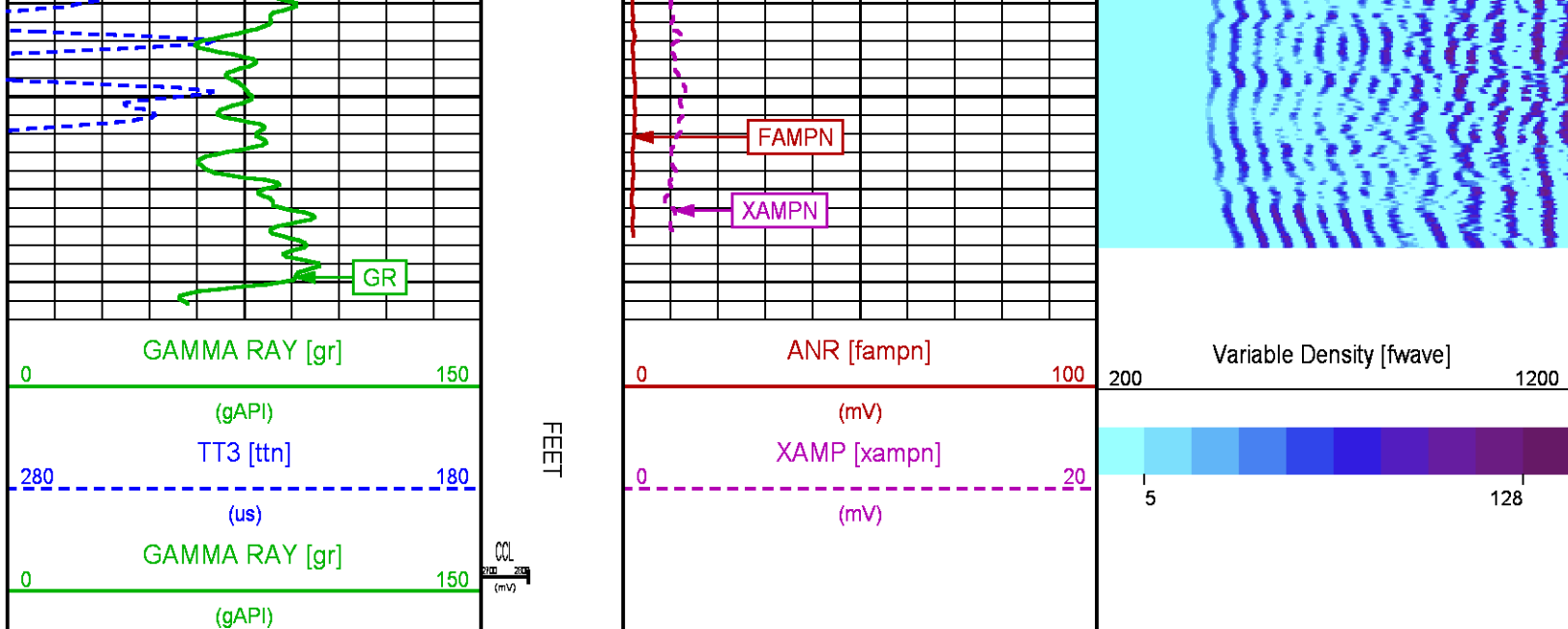












## SECONDARY PRESENTATION 0 PSI

ECLIPS 6.2wu1 PC-ECLIPS General Release Rel 6.2w Update 1 Fri Apr 25 10:54:53 Central Daylight Time 2014  
Updates: 46 Patches: 5

Plotted: Tue Mar 10 10:44:20 2015

### PARAMETER AND FILTER SUMMARY REPORT

FILE: C:\dat1a\095183\012e01.prm  
LOGGING MODE: DEPTH DIRECTION: UP  
TOP DEPTH: 9513.750 ft BOTTOM DEPTH: 9875.750 ft

#### SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
GR	FILTER ()	medium (1)		TOP BOTTOM
AMPLITUDE	FILTER ()	medium (1)		" "
TRAVEL TIME	FILTER ()	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 (fgp1*)	185	us	TOP BOTTOM
	AMP WINDOW START (fgp2*)	185	us	" "
	AMP WINDOW START (fgp3*)	185	us	" "
	AMP WINDOW START (fgp4*)	185	us	" "
	AMP WINDOW START (fgp5*)	185	us	" "
	AMP WINDOW START (fgp6*)	185	us	" "
	AMP WINDOW START (fgp7*)	185	us	" "
	AMP WINDOW START (fgp8*)	185	us	" "
	AMP WINDOW START (fgpn*)	185	us	" "
	AMP WINDOW LENGTH	25	us	" "
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	171	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*)	-71	us	"	"
	TOOL DELAY (str2*)	-71	us	"	"
	TOOL DELAY (str3*)	-71	us	"	"
	TOOL DELAY (str4*)	-71	us	"	"
	TOOL DELAY (str5*)	-71	us	"	"
	TOOL DELAY (str6*)	-71	us	"	"
	TOOL DELAY (str7*)	-71	us	"	"
	TOOL DELAY (str8*)	-71	us	"	"
	TOOL DELAY (strn*)	-71	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

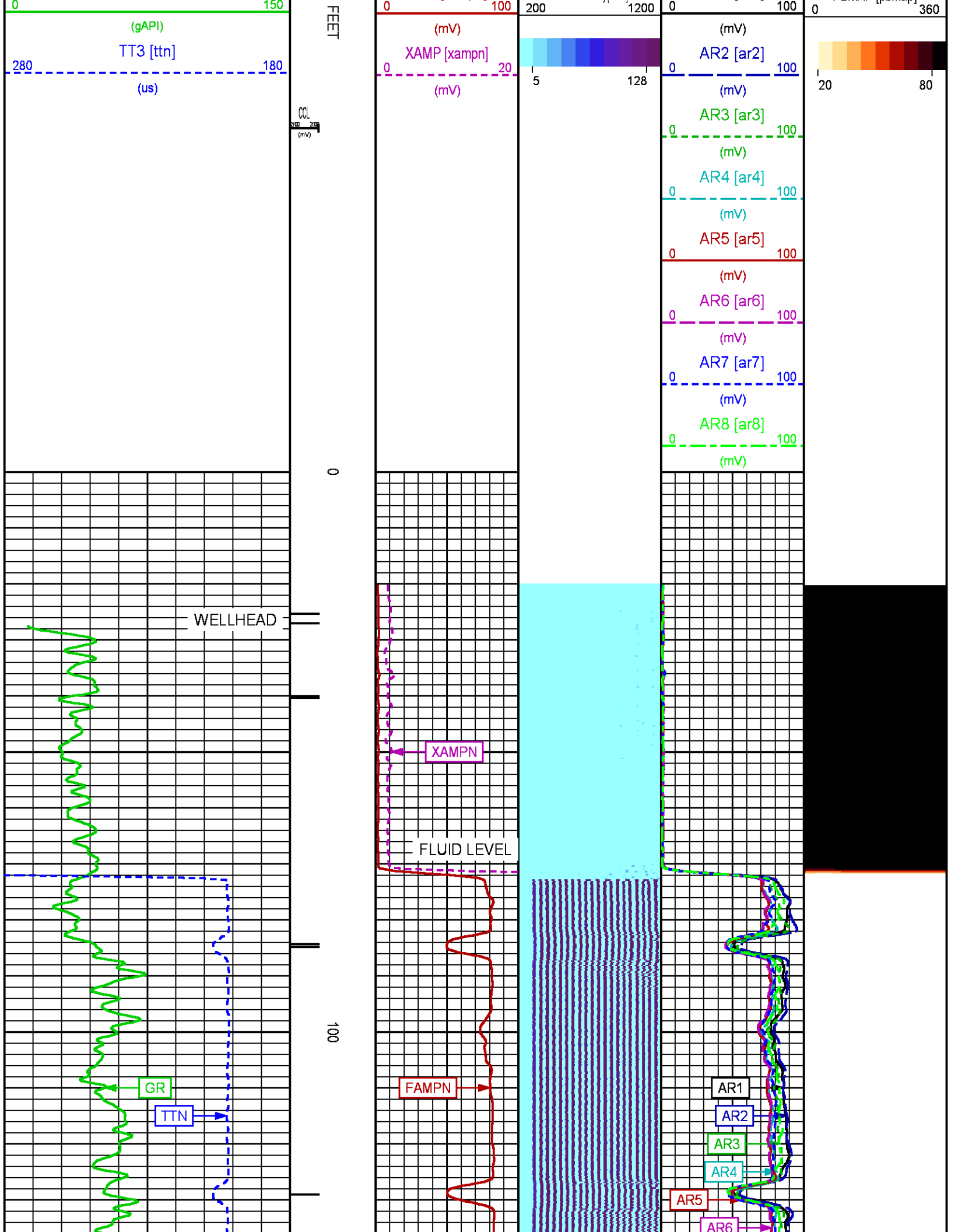
PERCENT BOND CEMENT MAP					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
RAL FREE PIPE AMPLITUDE	FREE AMP REC 1	80	mV	TOP	BOTTOM
	FREE AMP REC 2	80	mV	"	"
	FREE AMP REC 3	80	mV	"	"
	FREE AMP REC 4	80	mV	"	"
	FREE AMP REC 5	80	mV	"	"
	FREE AMP REC 6	80	mV	"	"
	FREE AMP REC 7	80	mV	"	"
	FREE AMP REC 8	80	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	"	"

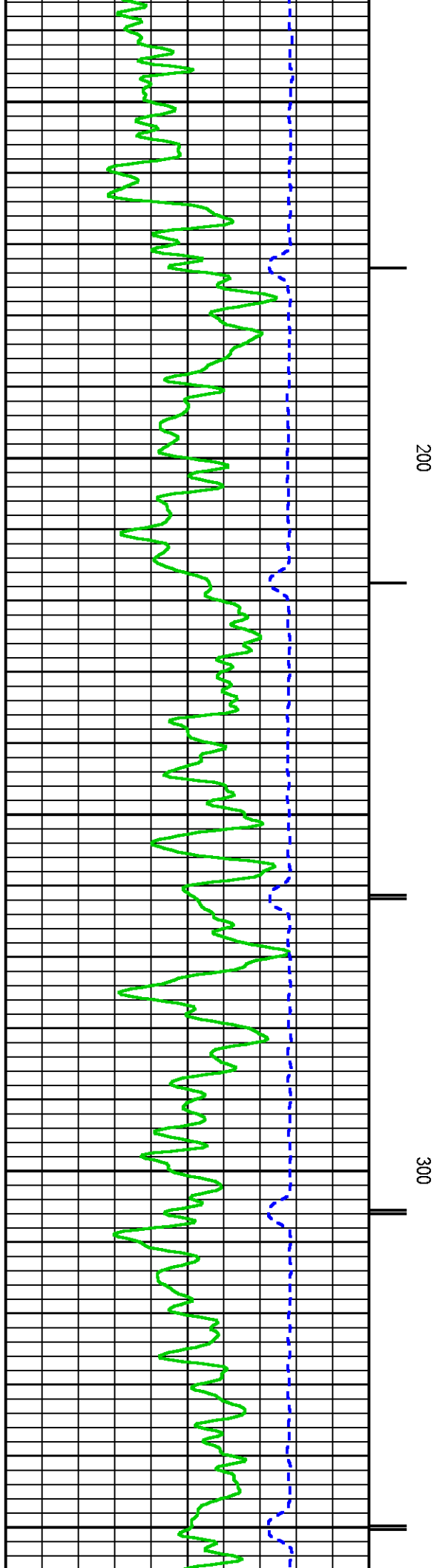
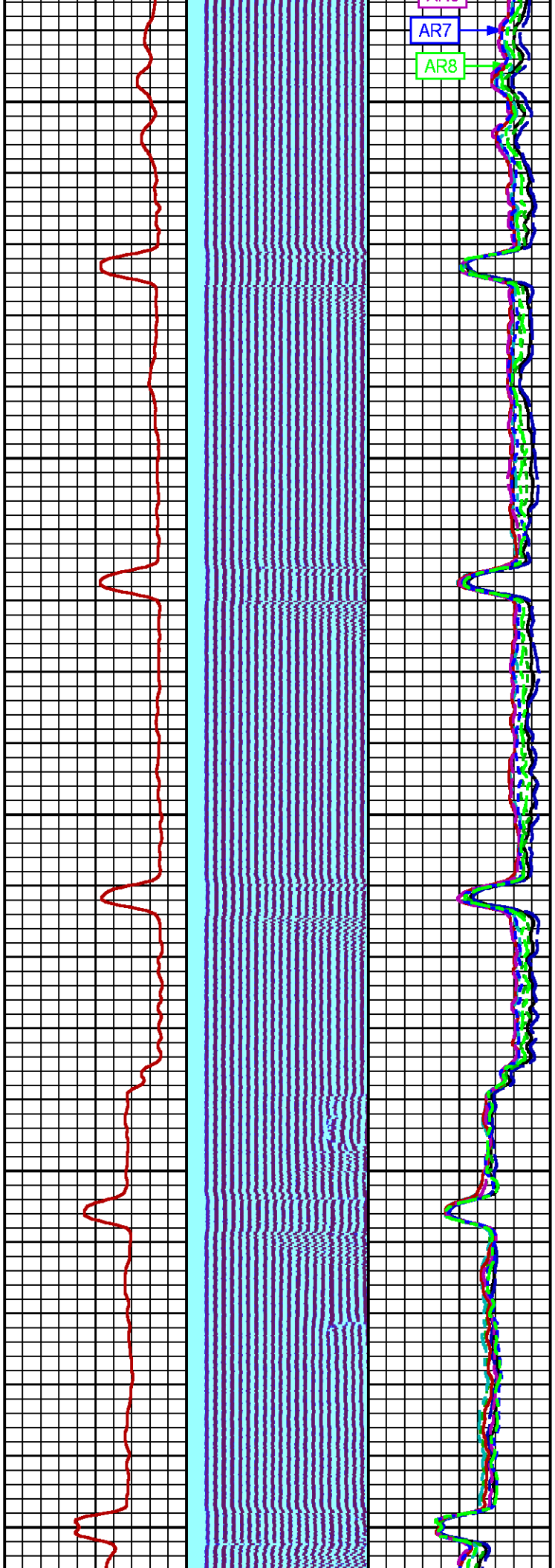
CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Mar 9 14:21:52 2015	CASING COLLAR LOCATOR
F1:FAMPN	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Mar 9 14:21:52 2015	FAR WAVE FORM
F1:GR	Mar 9 14:21:52 2015	GAMMA RAY
F1:PBMAP	Mar 9 14:21:52 2015	PERCENT BOND CEMENT MAP
F1:TTN	Mar 9 14:21:52 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

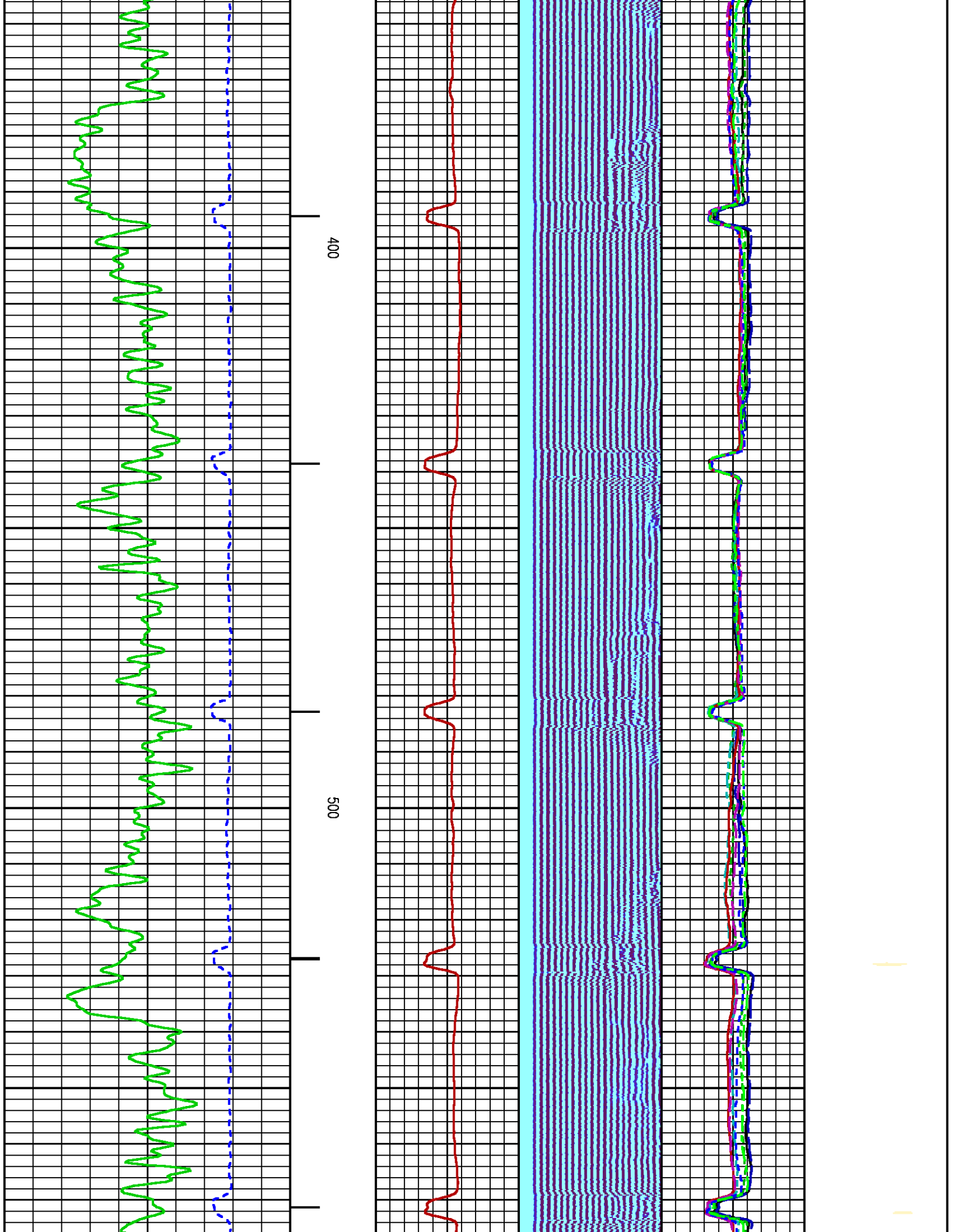
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	13.75	AR5	13.75	CCL	8.50	XAMPN	13.75
AR2	13.75	AR6	13.75	FAMPN	13.75		
AR3	13.75	AR7	13.75	GR	6.50		
AR4	13.75	AR8	13.75	TTN	13.75		

Presentation	: BHUGHES-06627:C:\dat1a\095183\543_CBL_SECONDARY.fvpdf [5"/100' Scale]
Plot Interval	: 0 - 9878.75 Feet
Data File 1	: F1 : BHUGHES-06627:C:\dat1a\095183\543_CBL_MAIN.xtf
Created On	: Mar 9 14:21:52 2015
Company	: WPX ENERGY
Well	: YOUNBERG RU 543-7
Field	: RULISON
File Interval	: 19 - 9880 Feet
OCT	: n012e

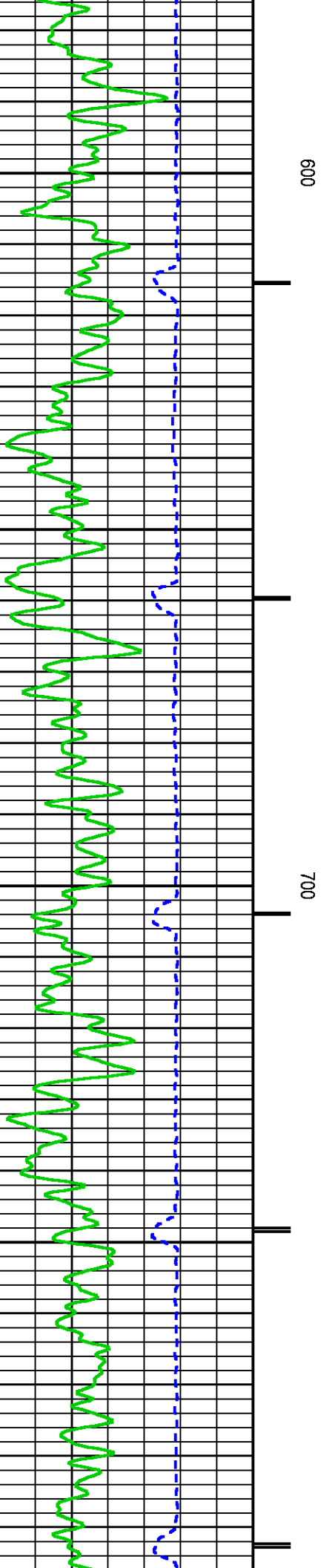
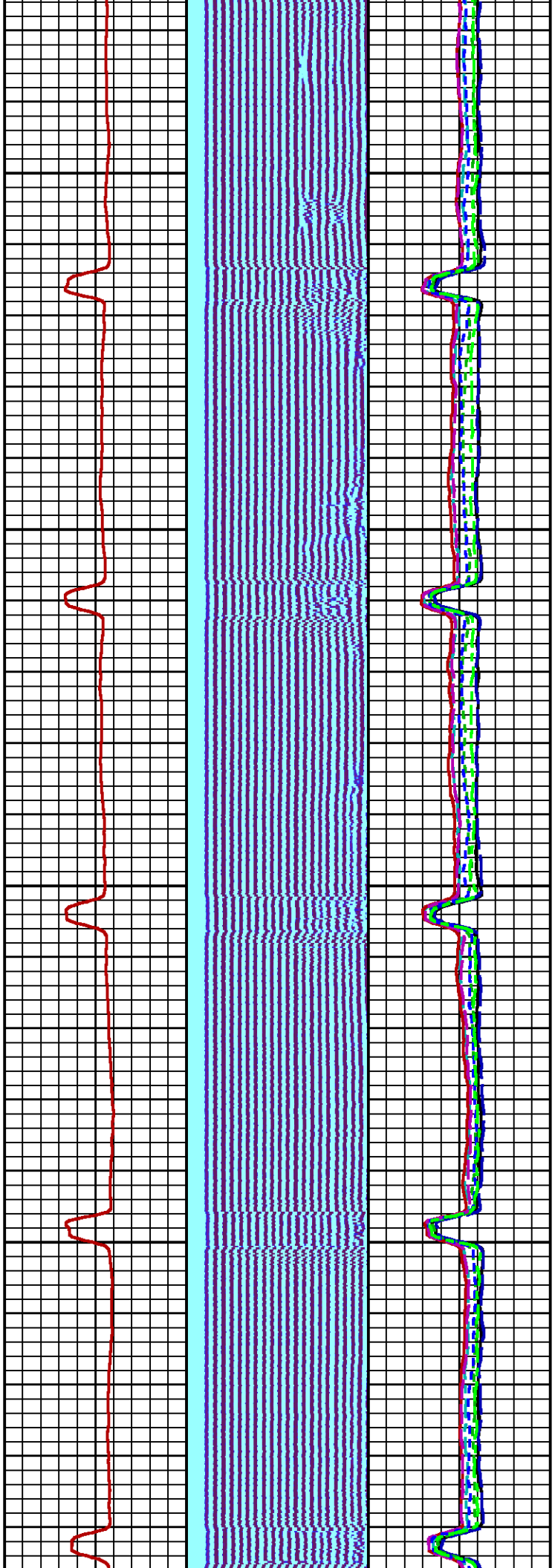
GAMMA RAY [gr]		ANR [fampn]	Variable Density [fwave]	AR1 [ar1]	PBMAP [pbmap]
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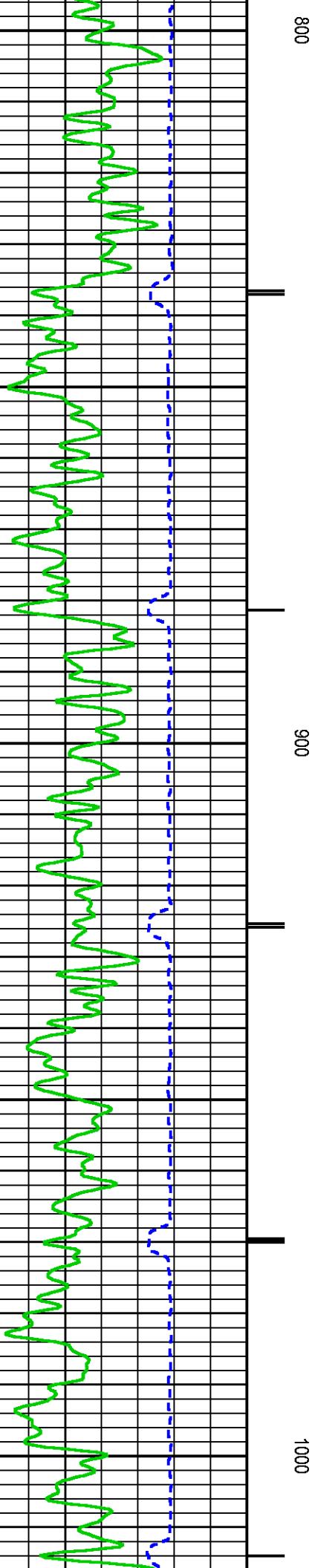
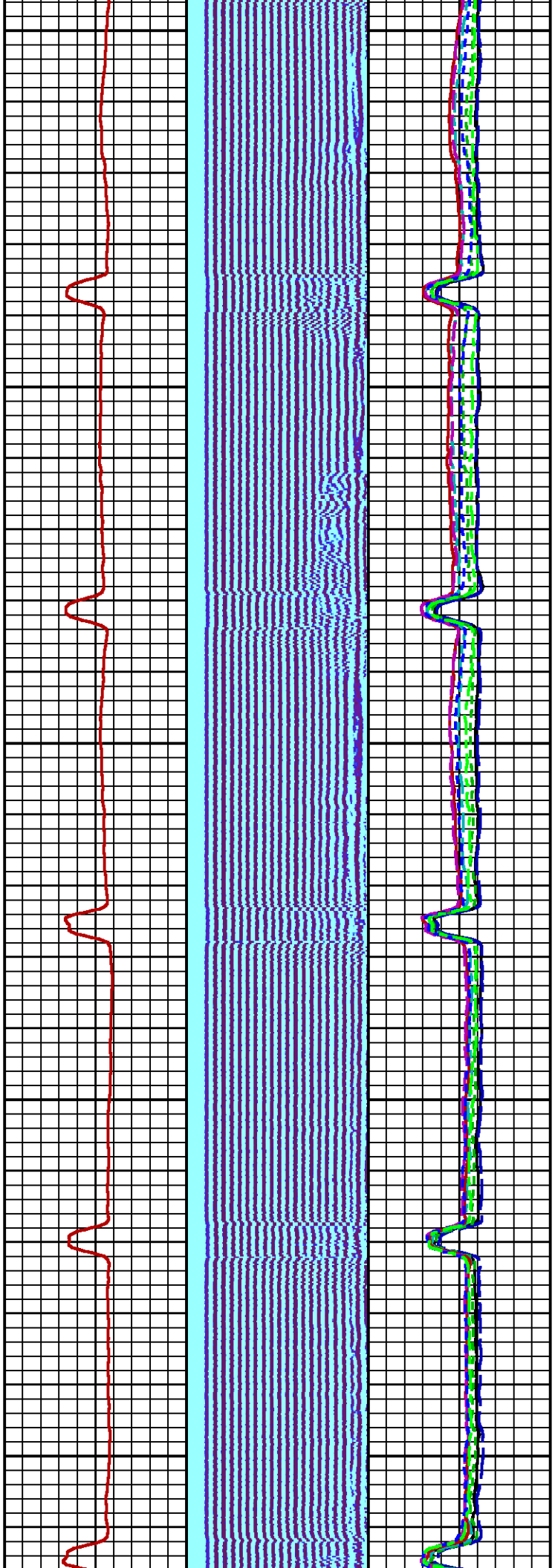


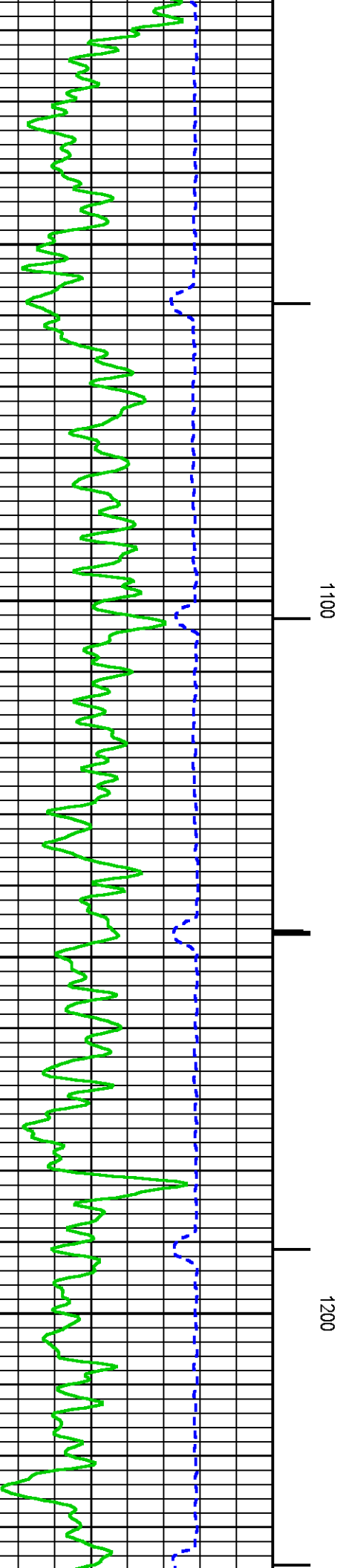
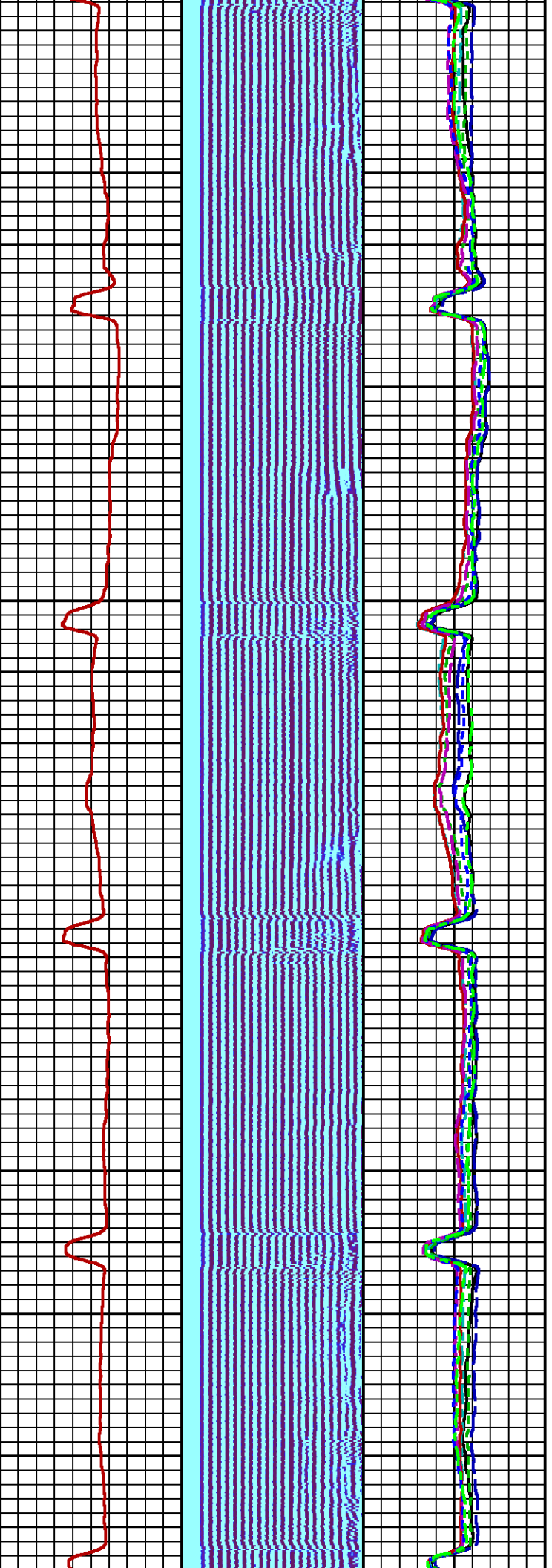


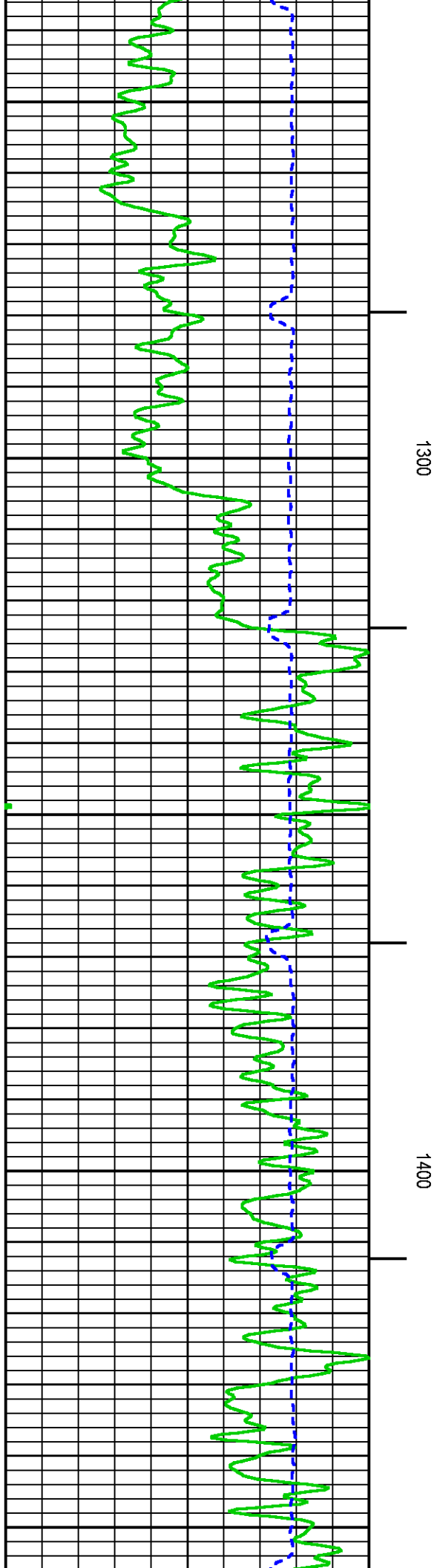
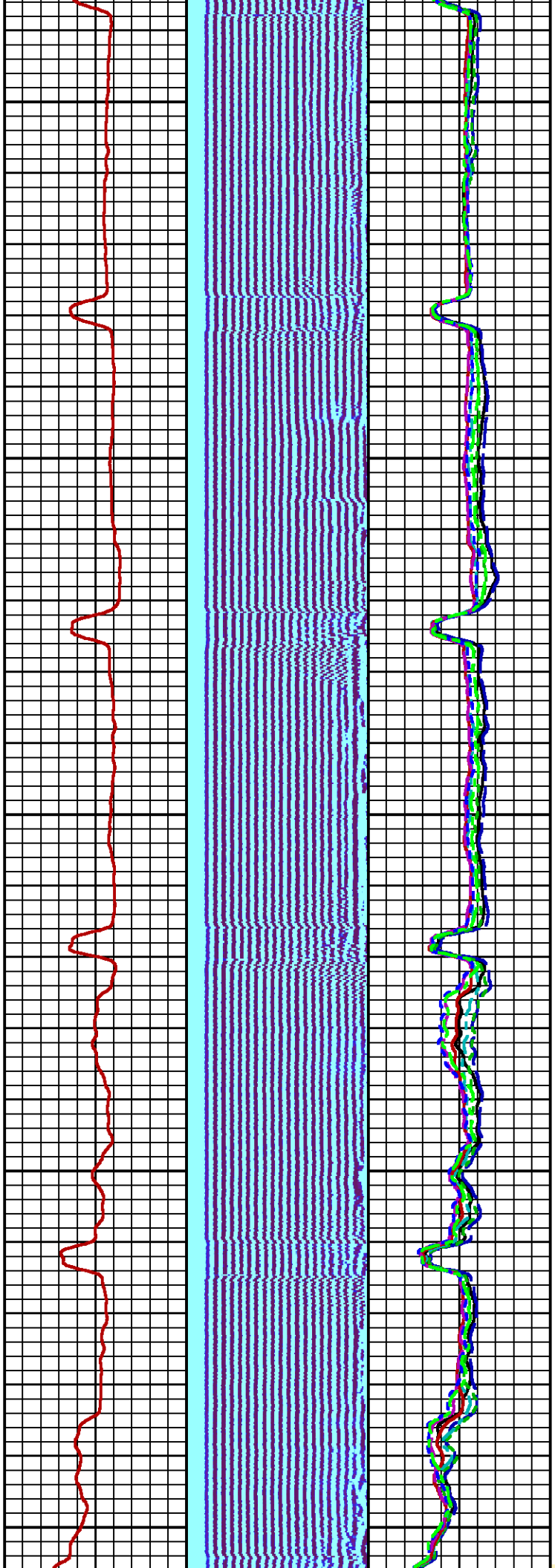




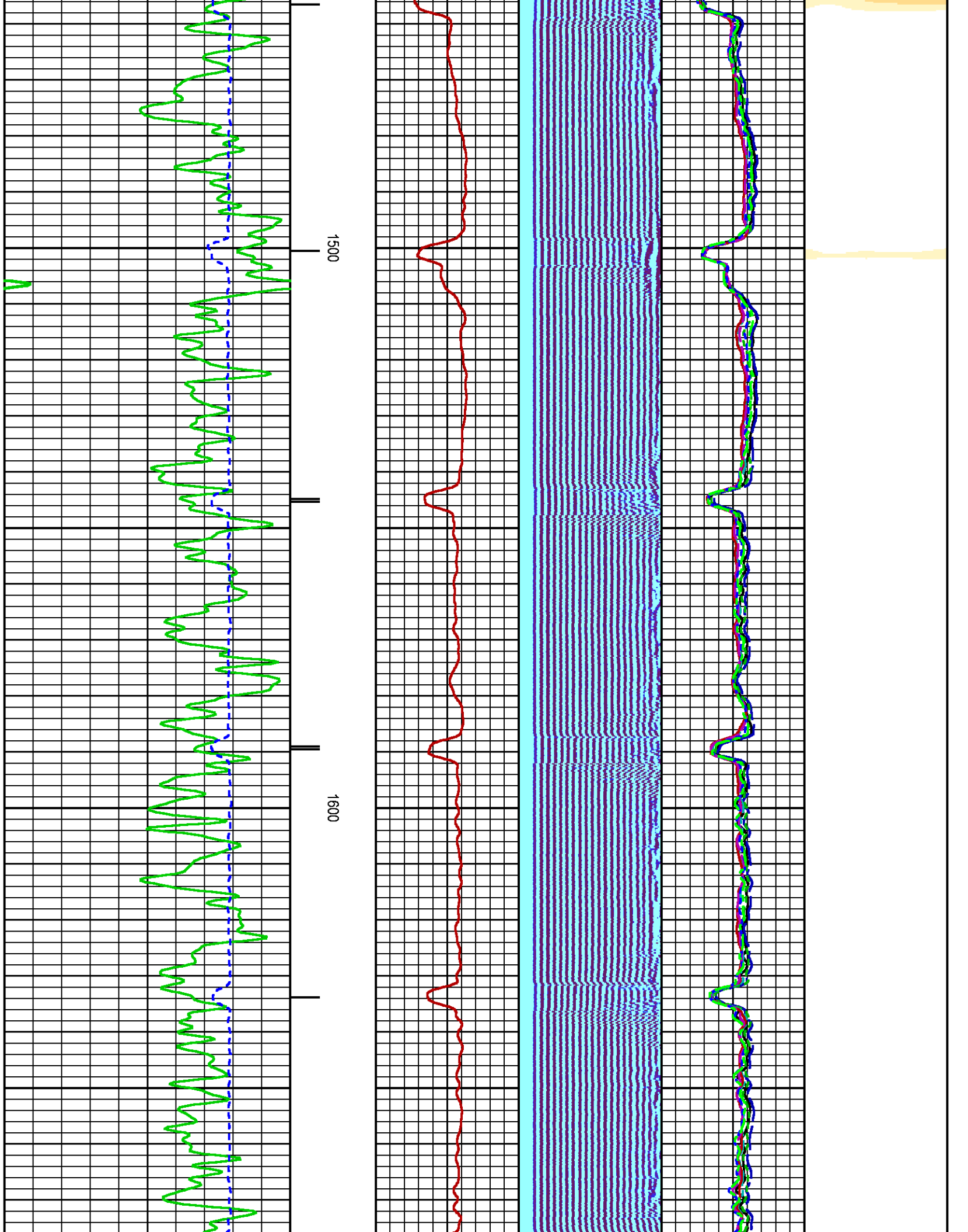


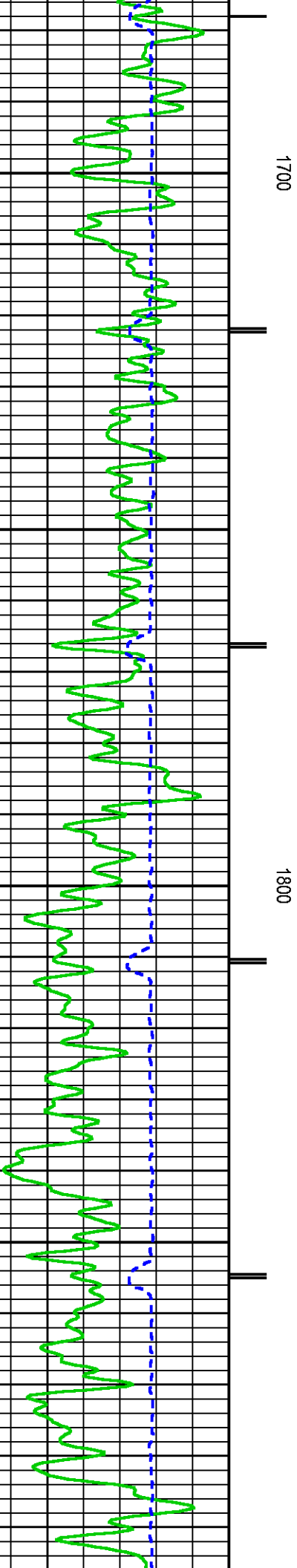
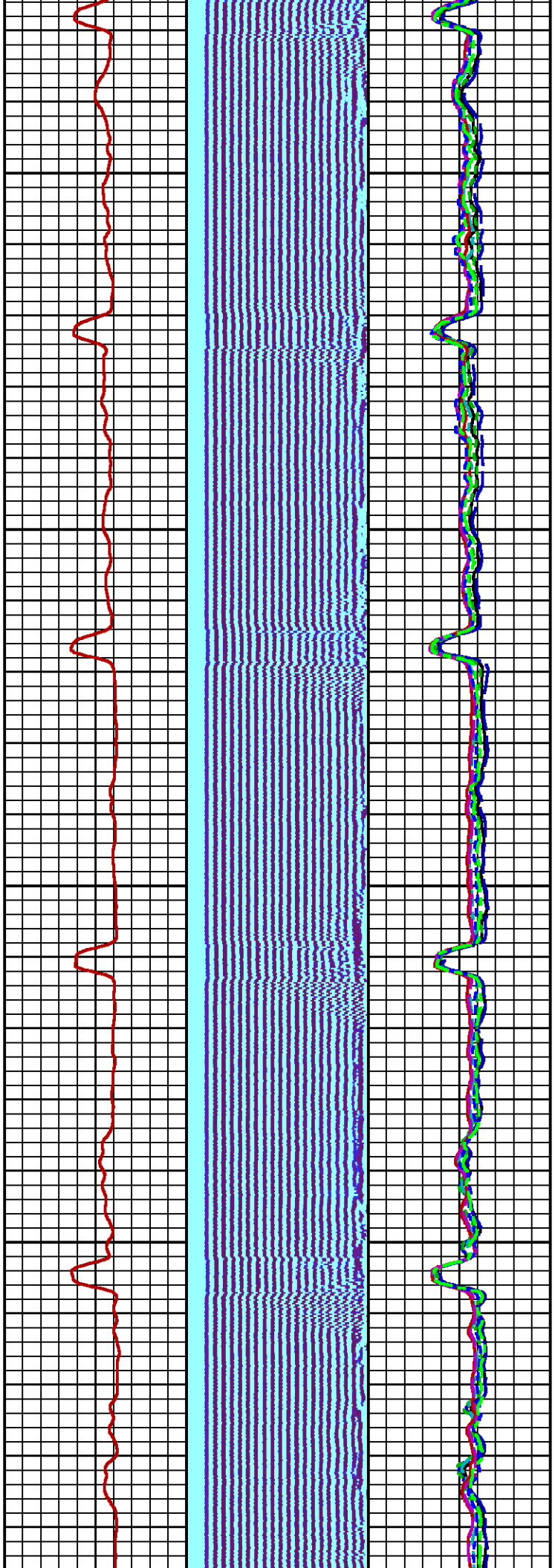


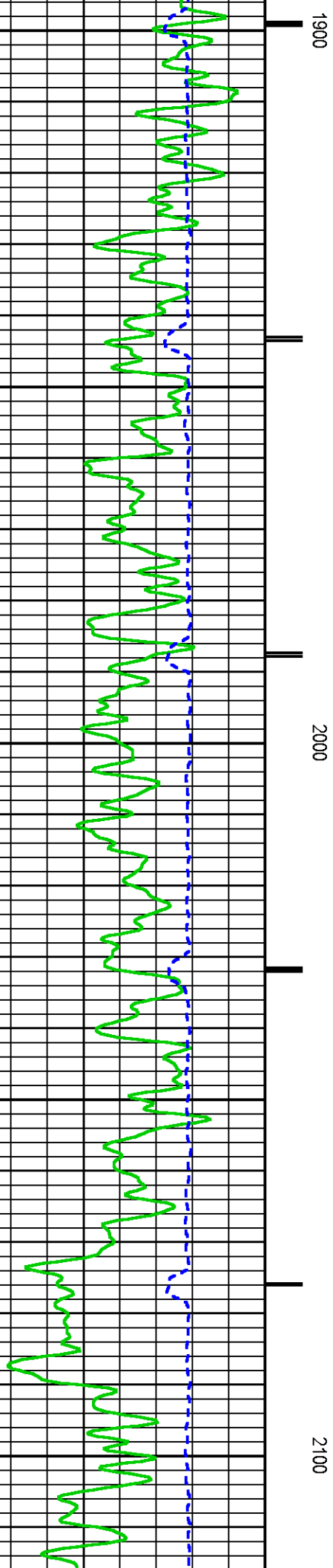
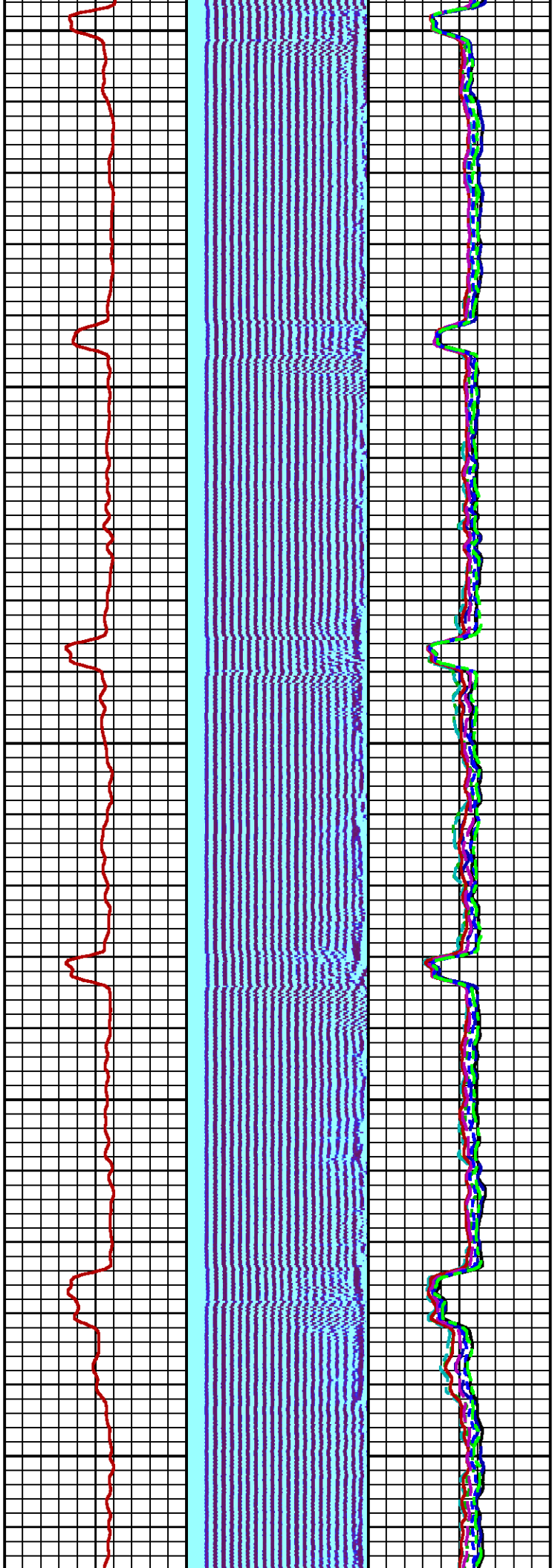


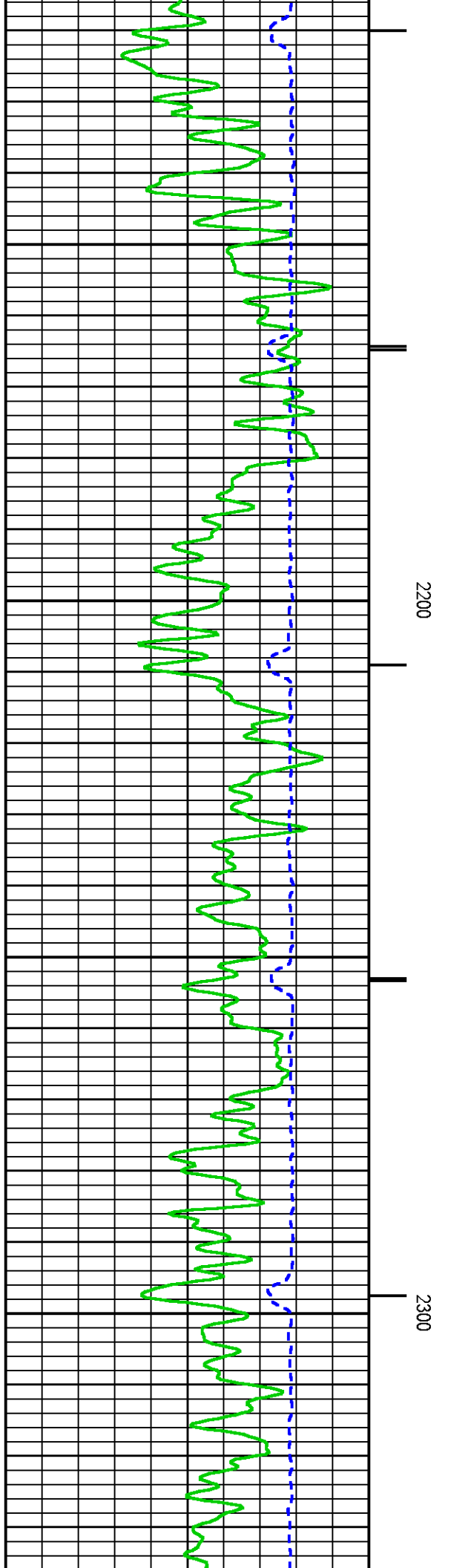
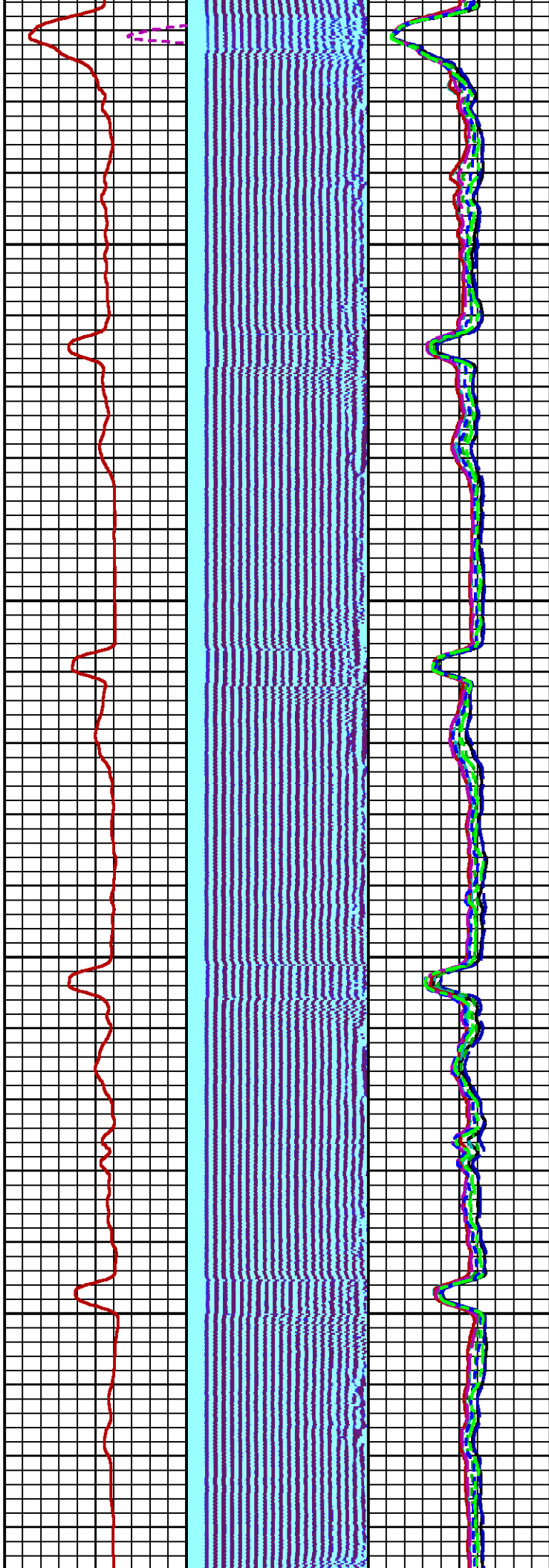
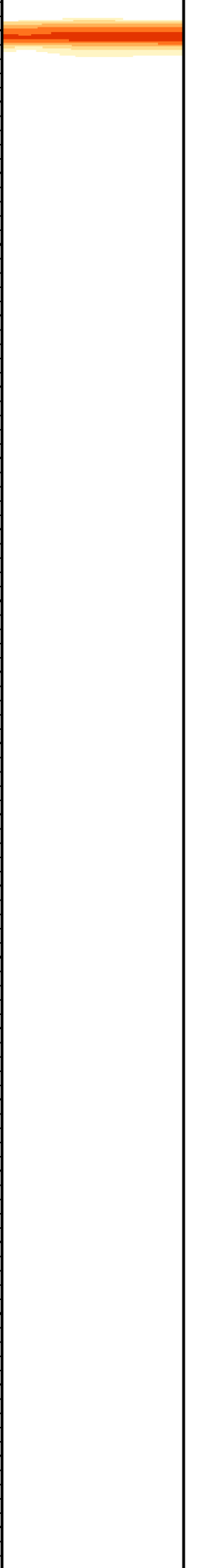




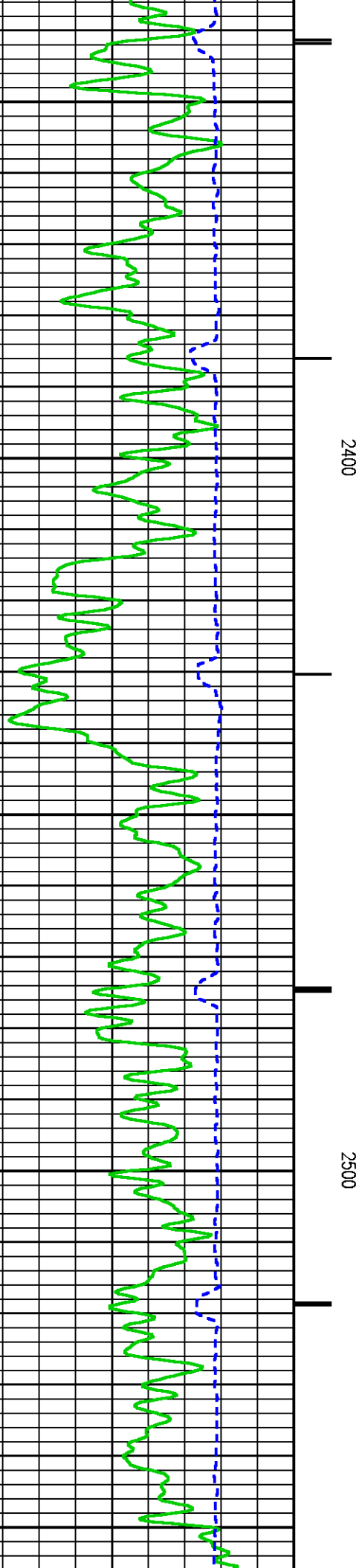
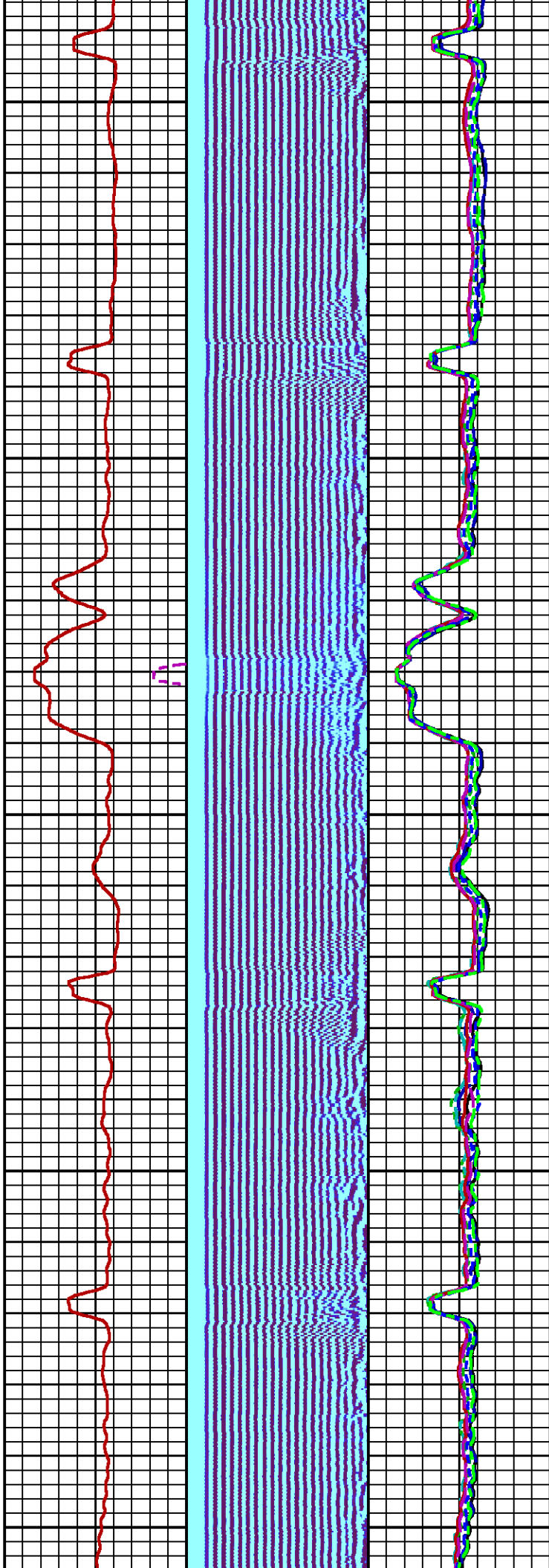


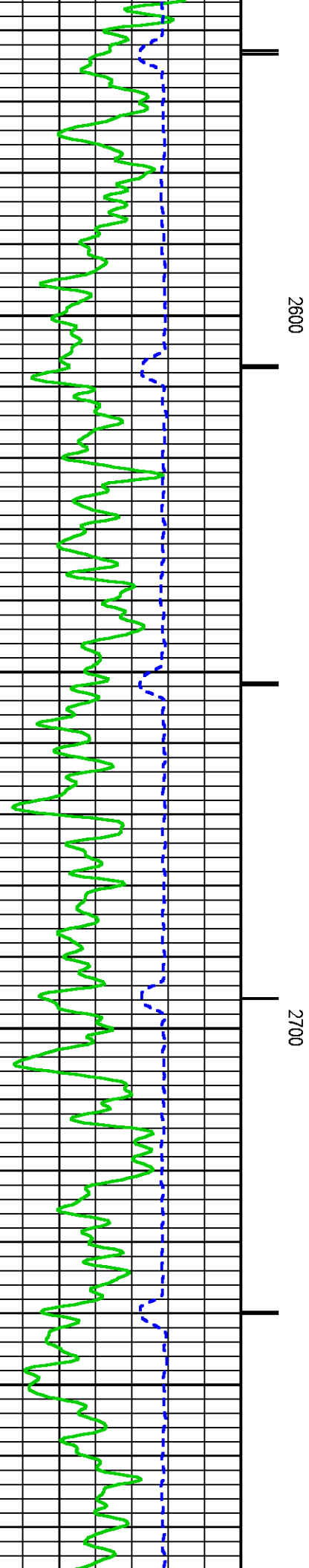
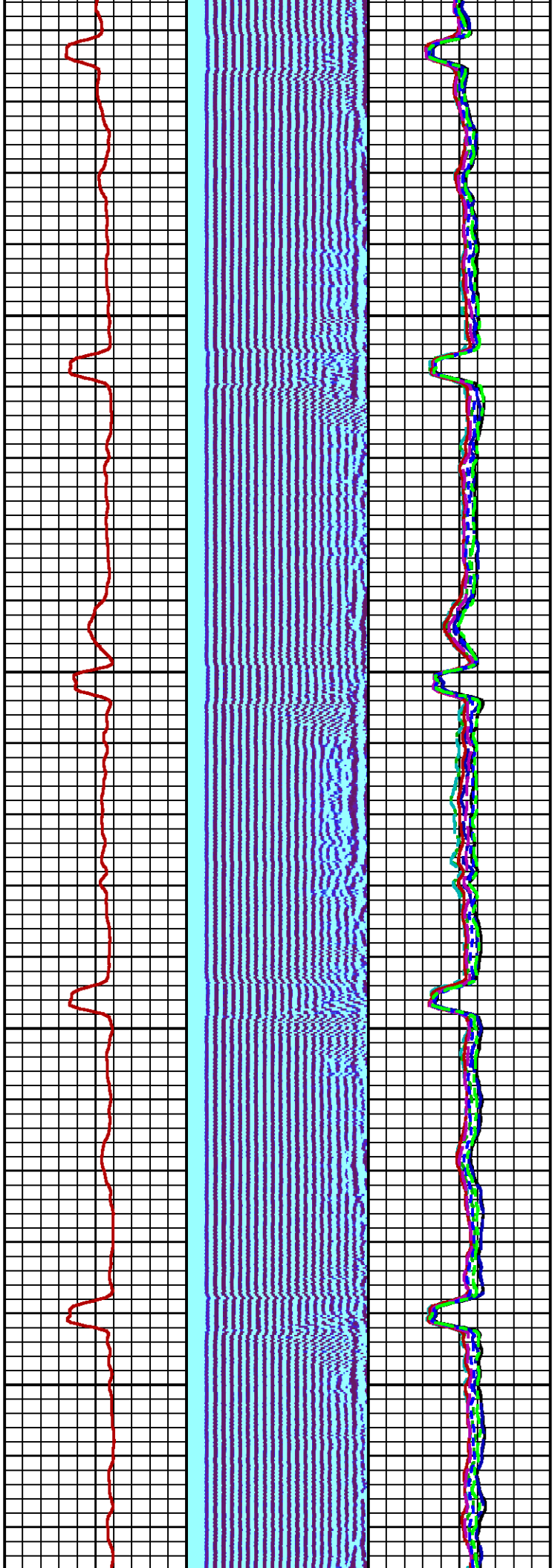


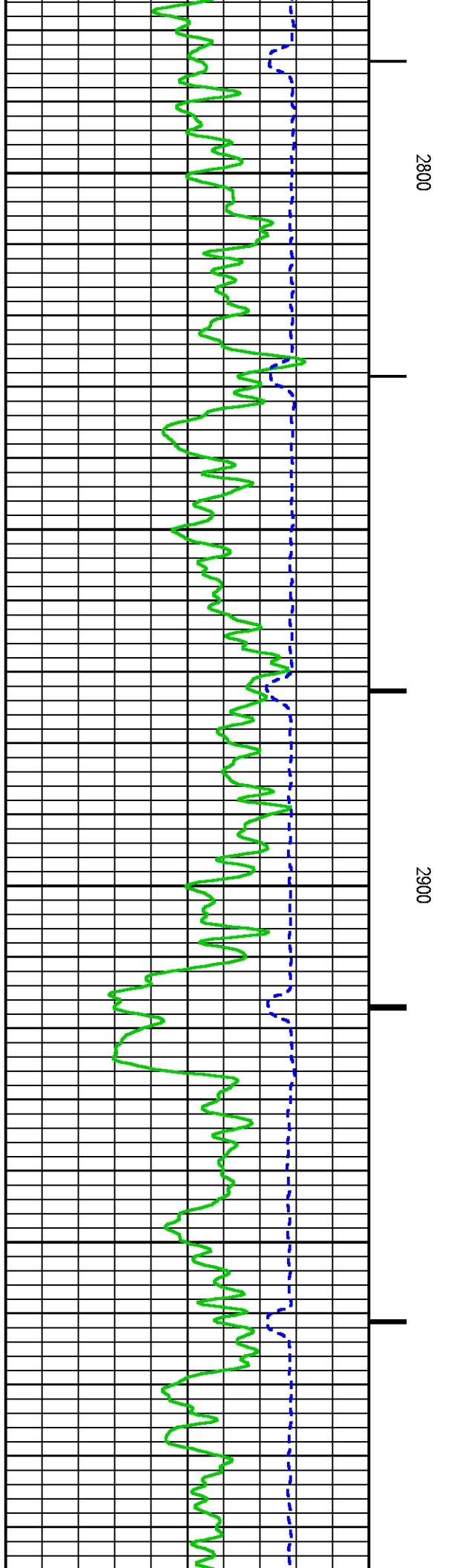
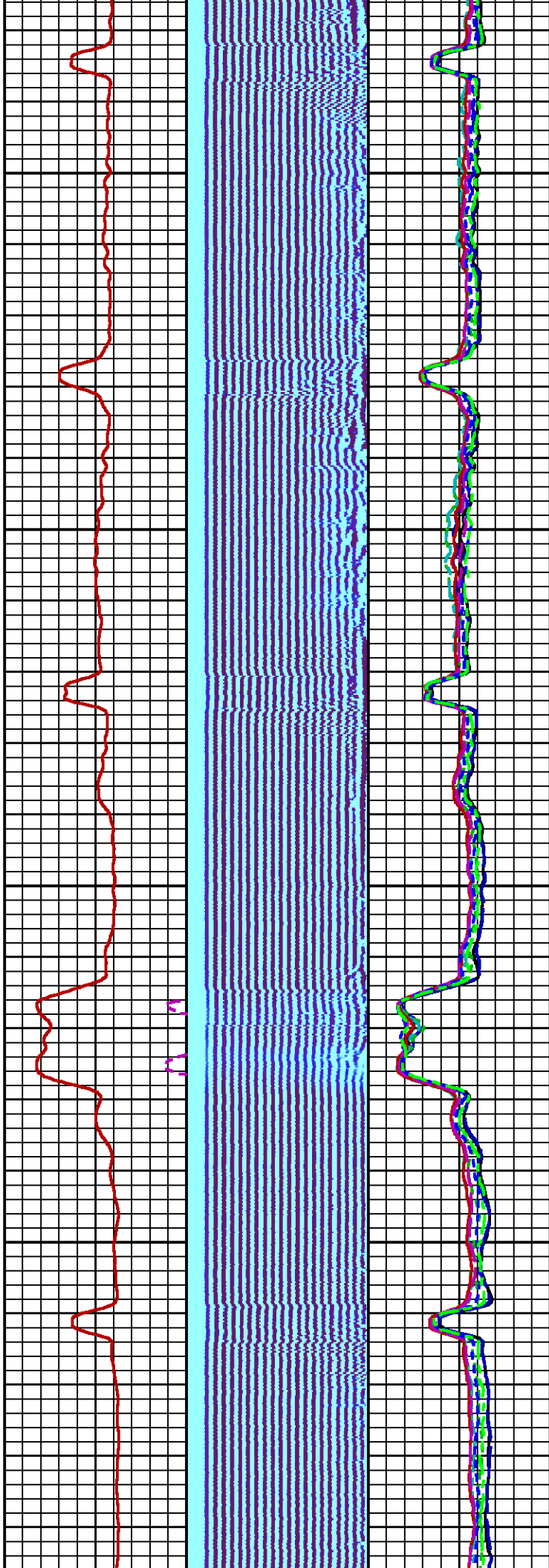
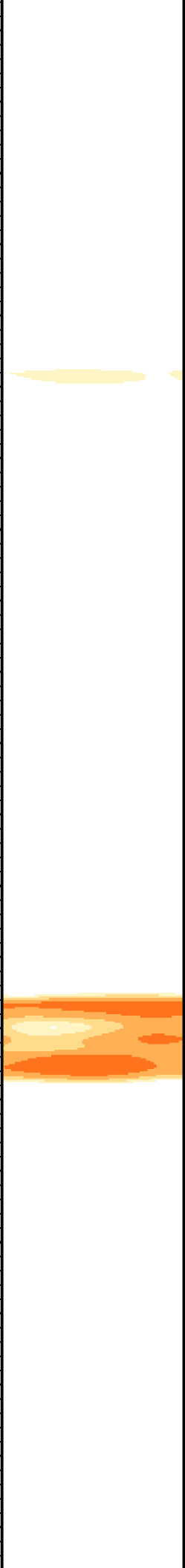


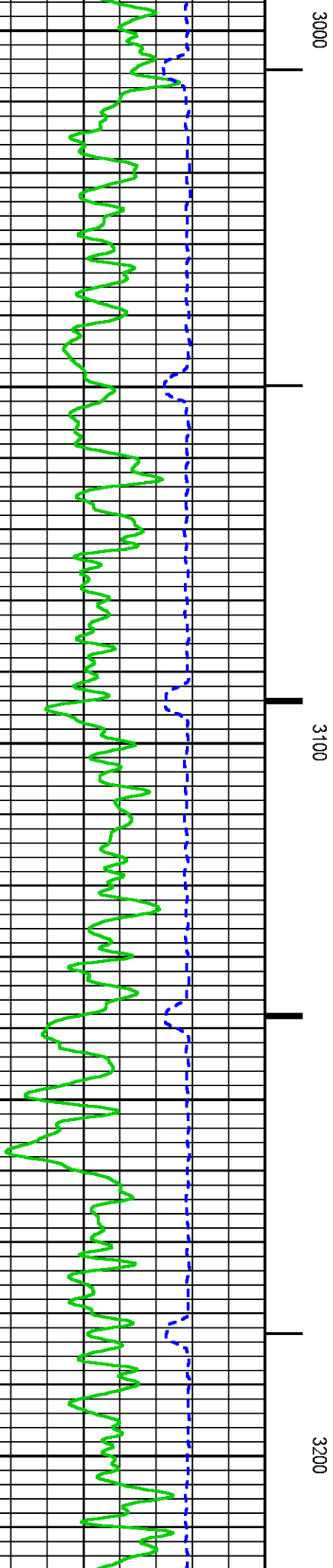
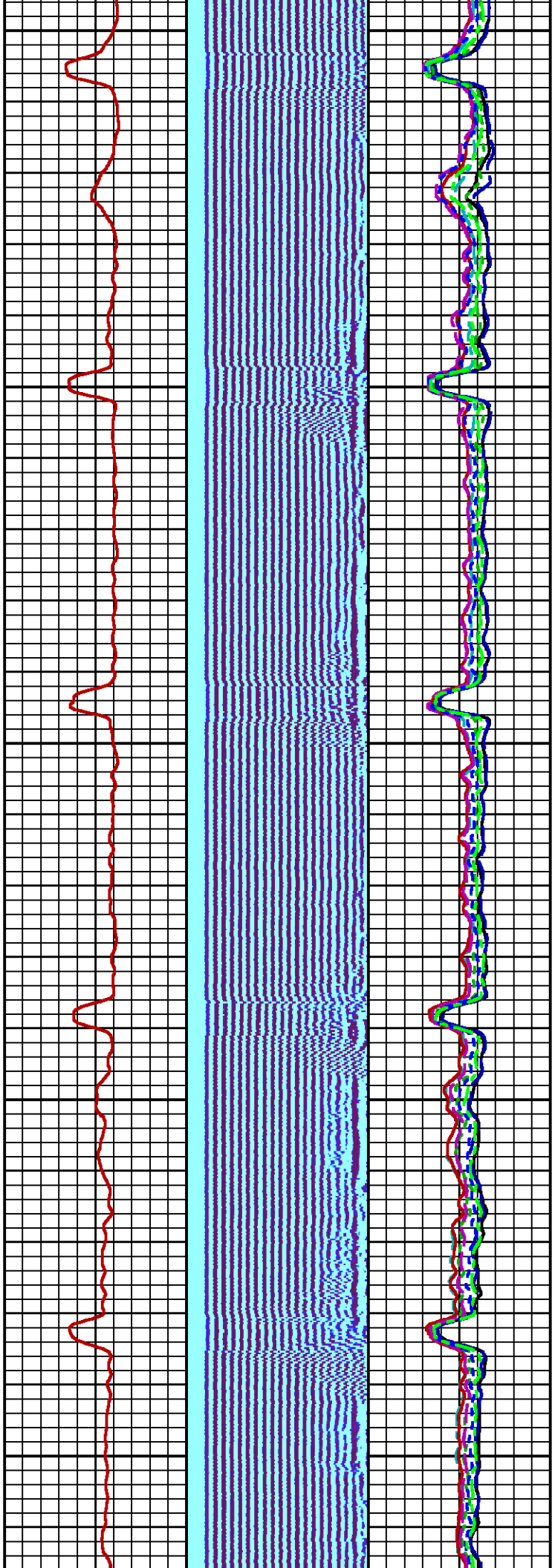




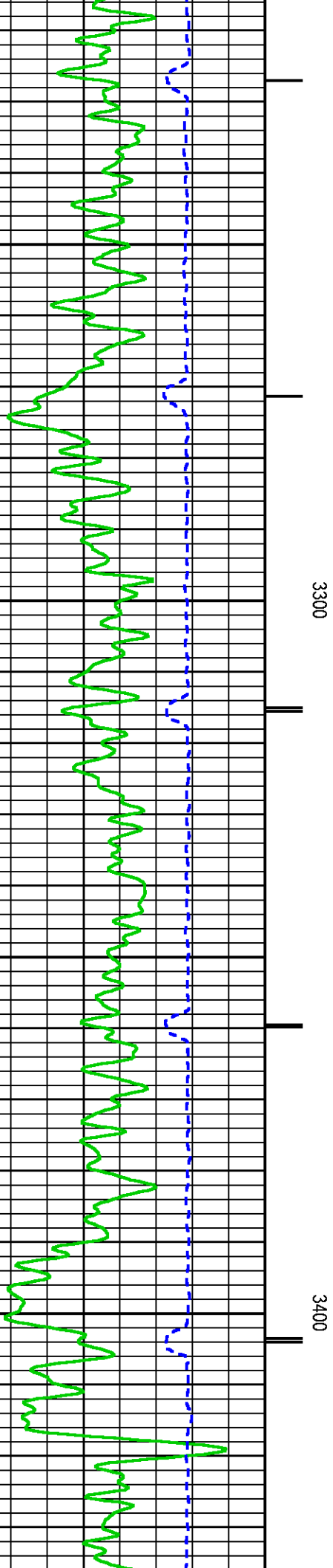
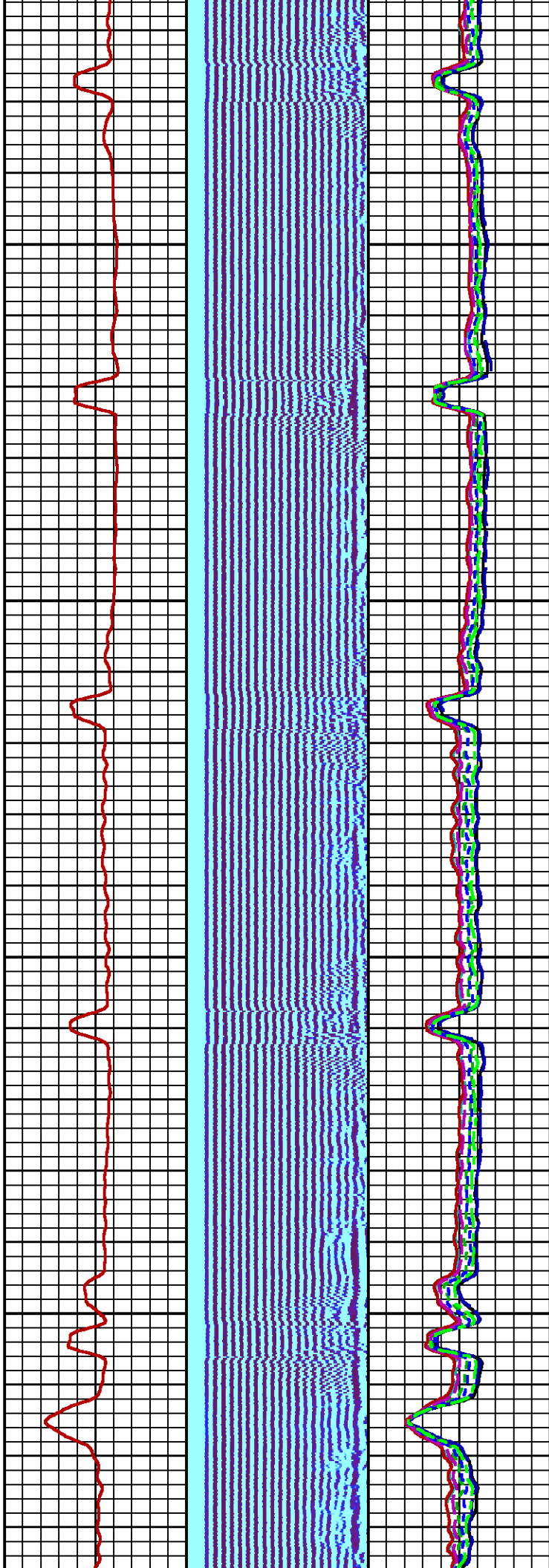


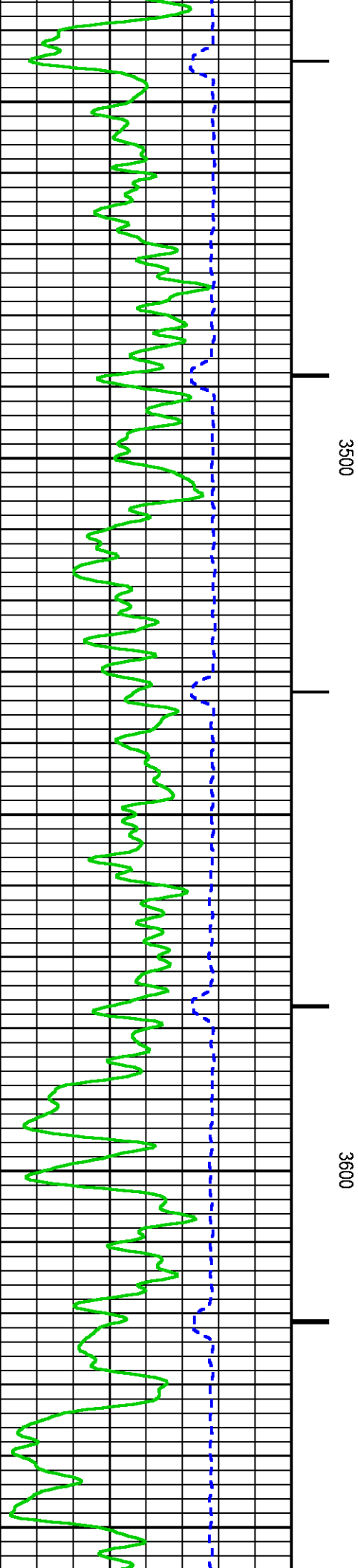
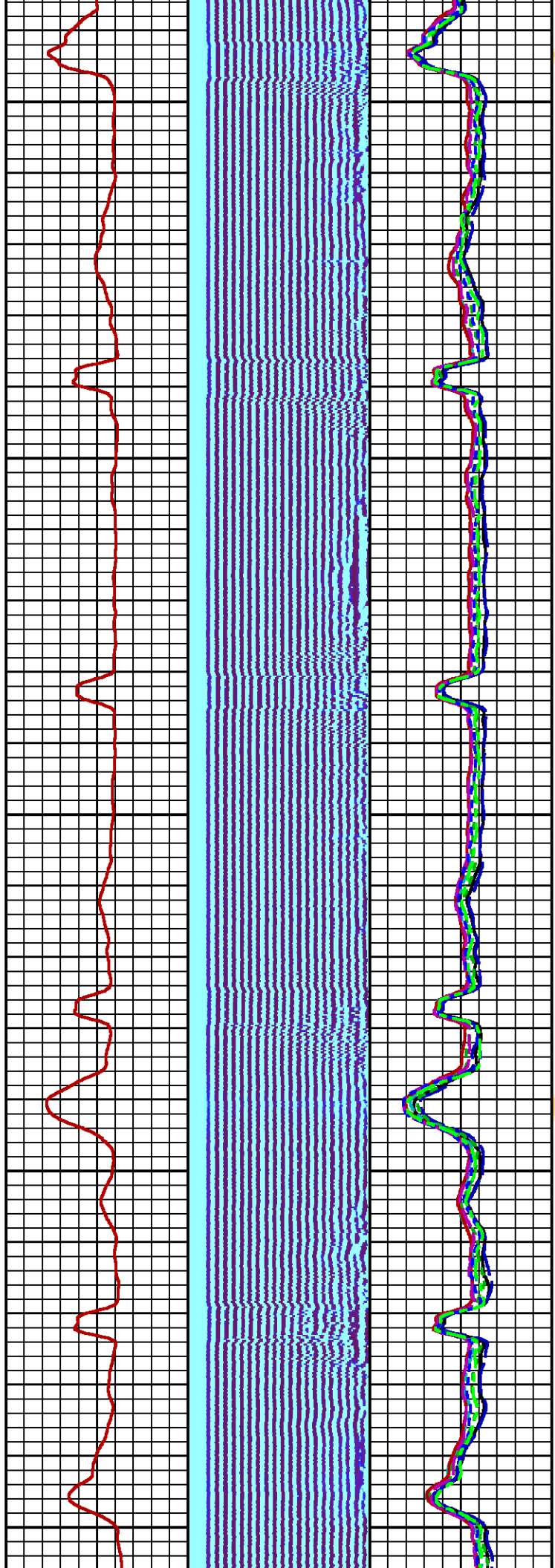


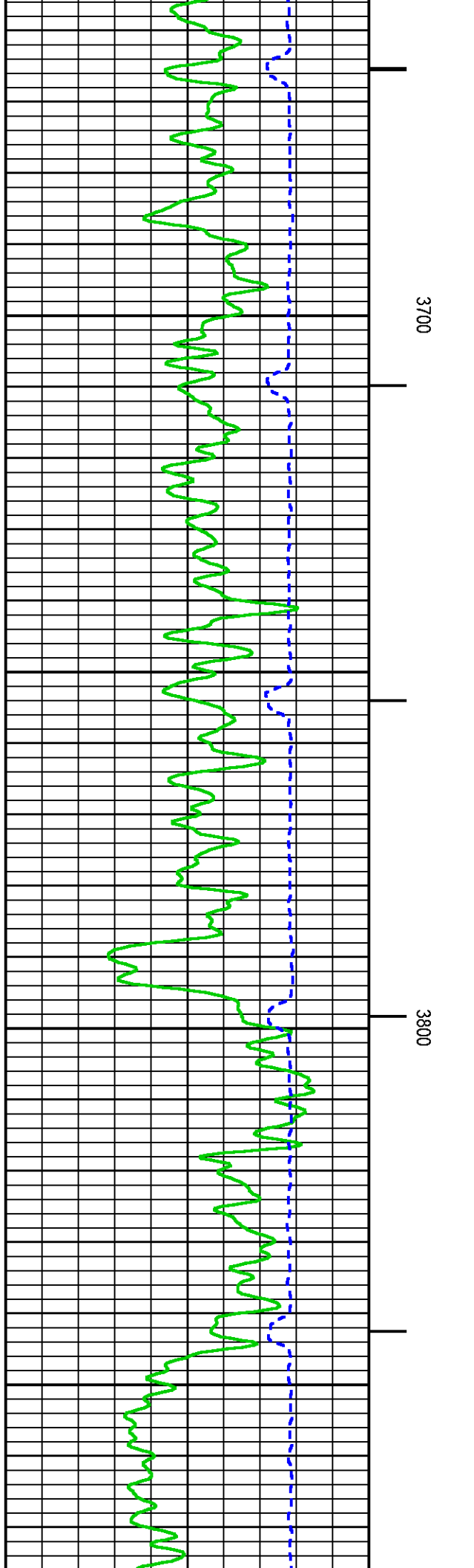
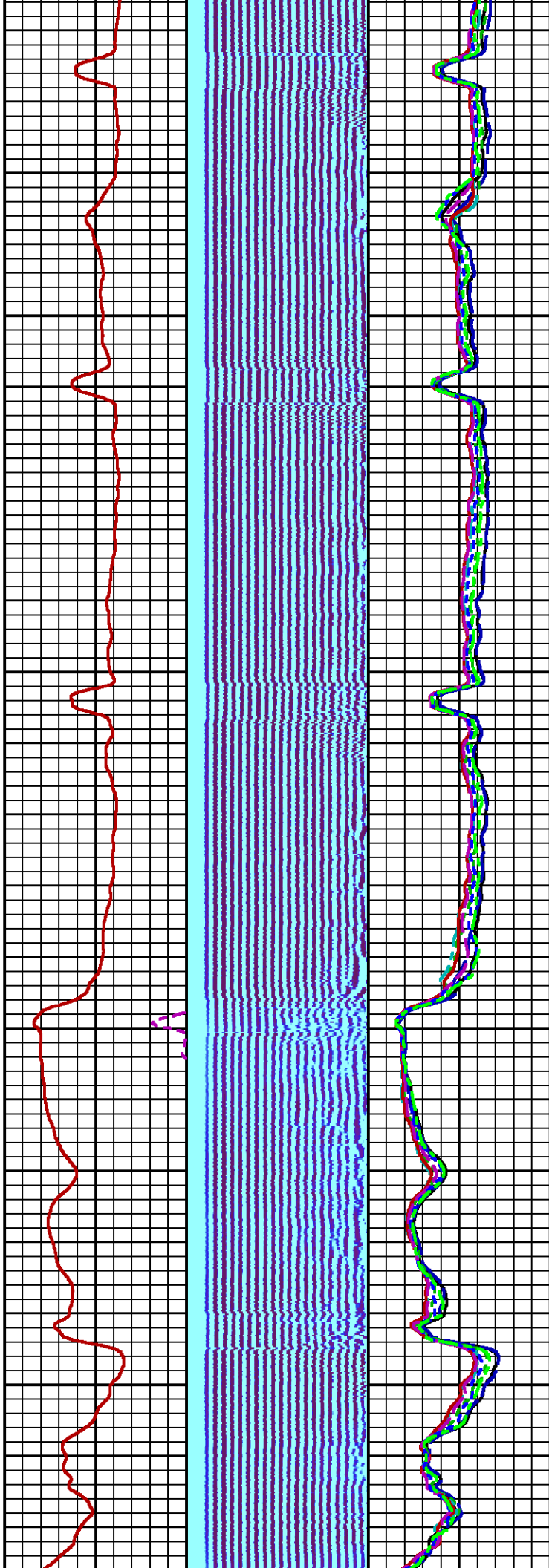
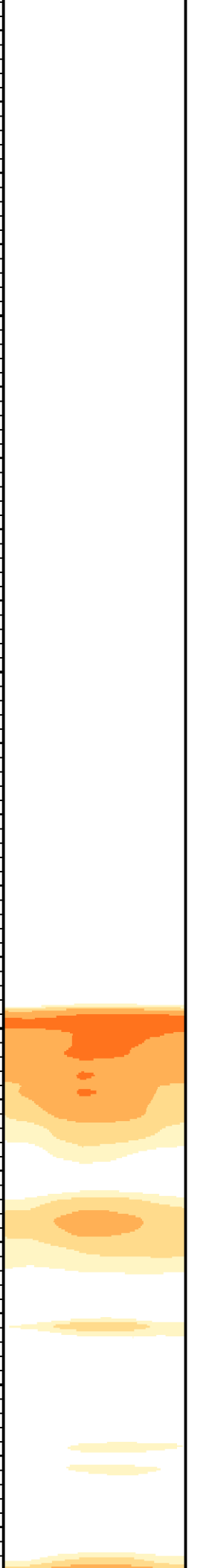


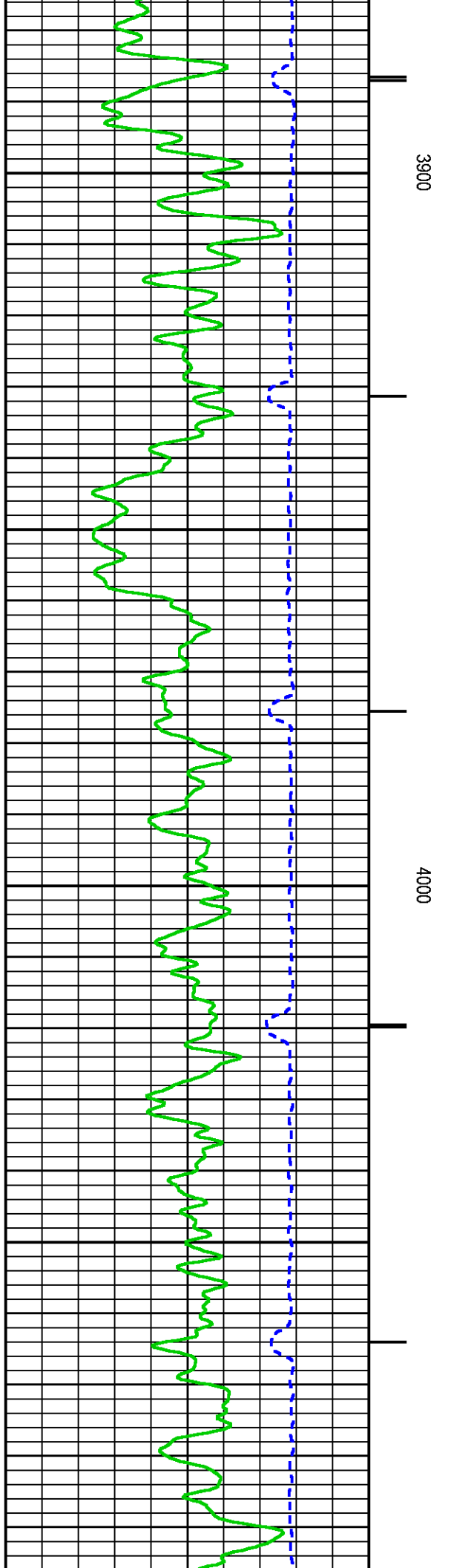
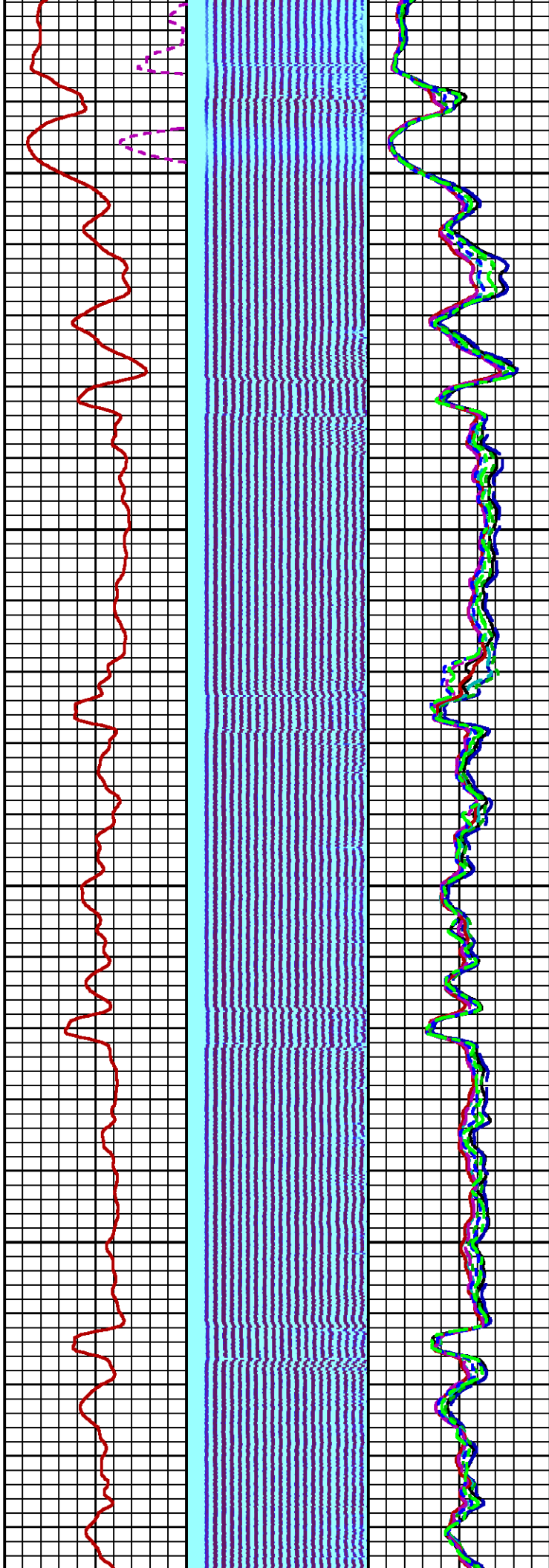




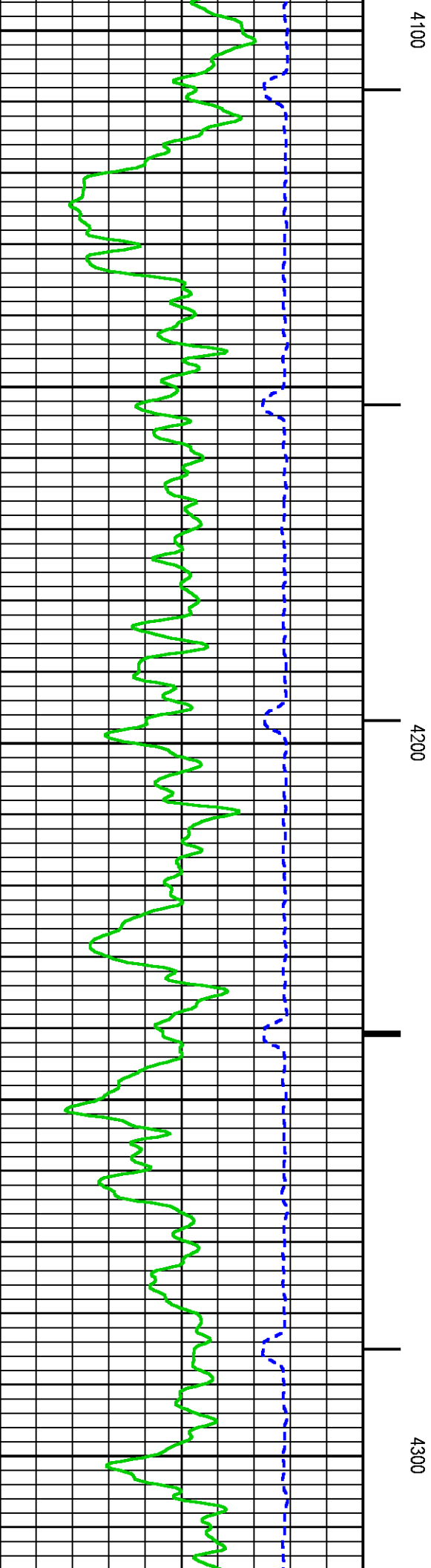
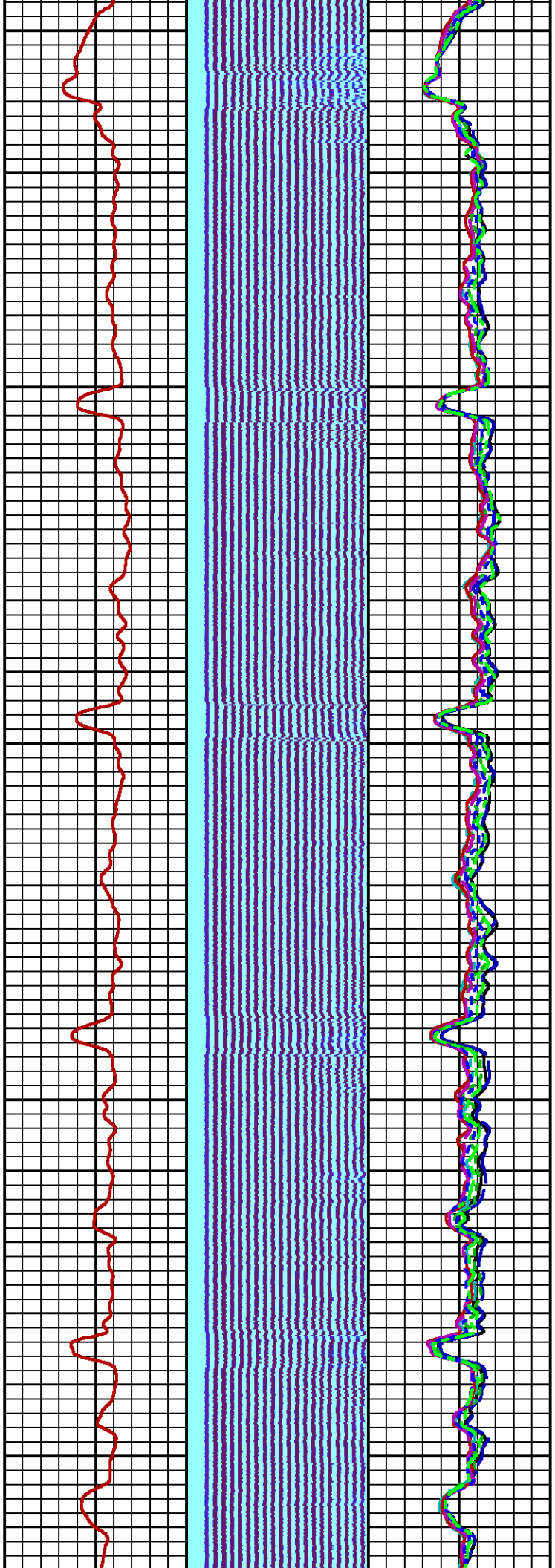


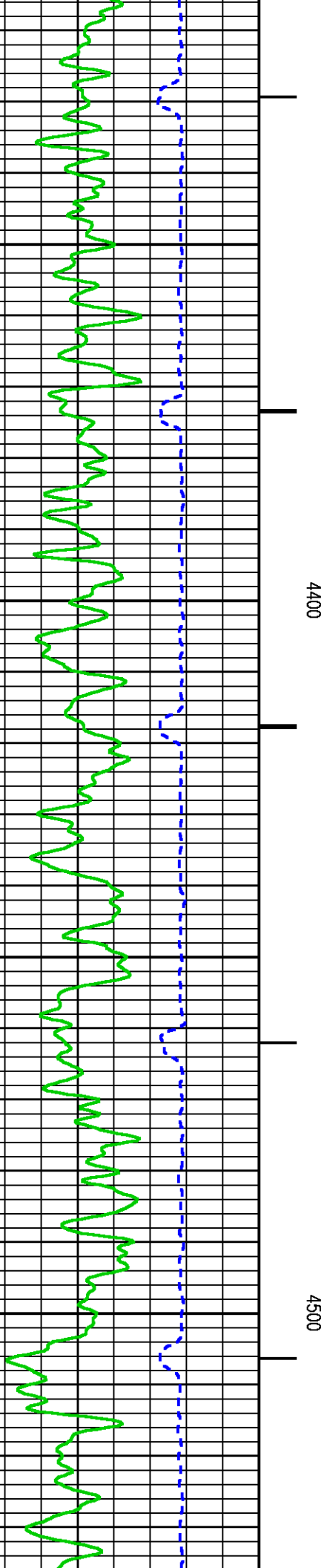
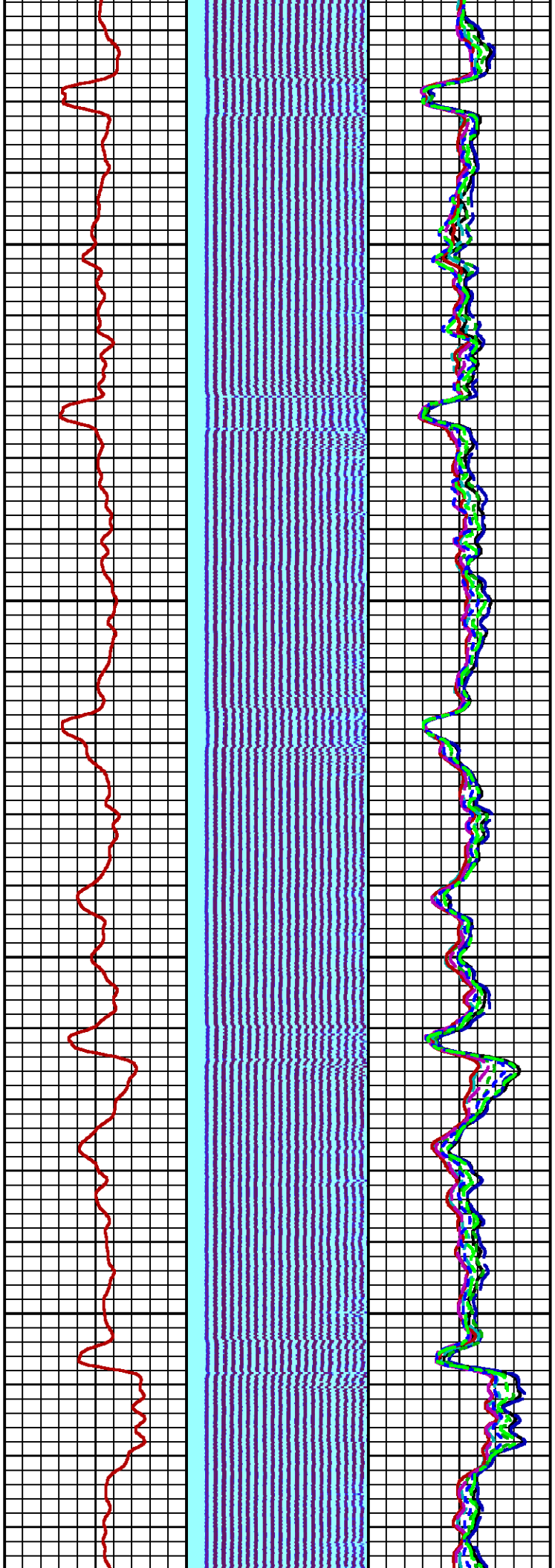


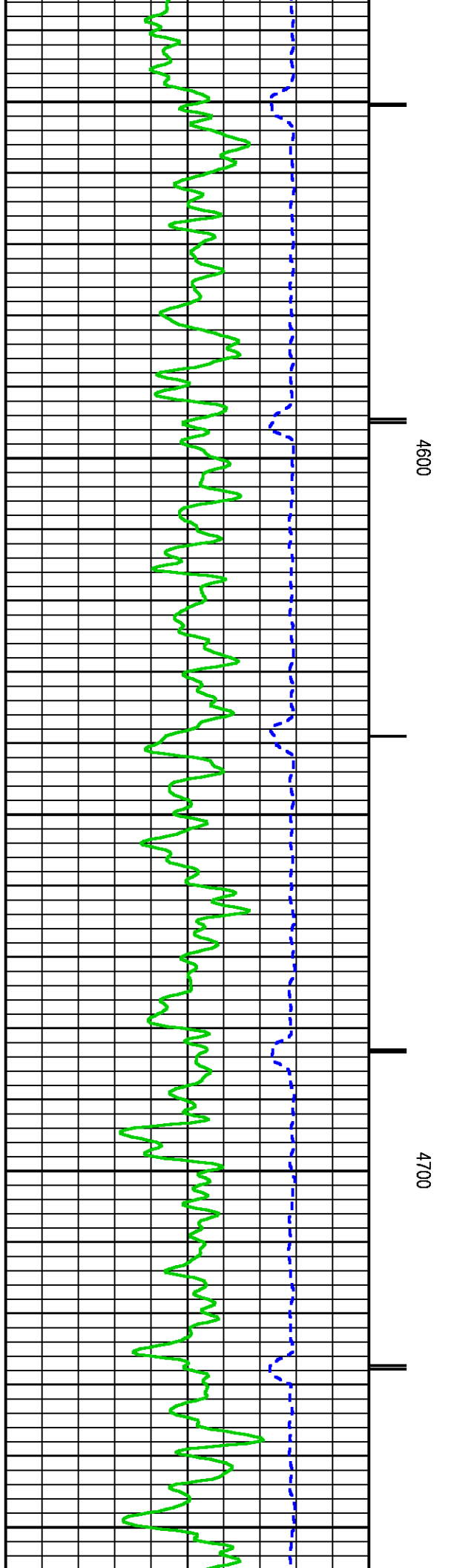
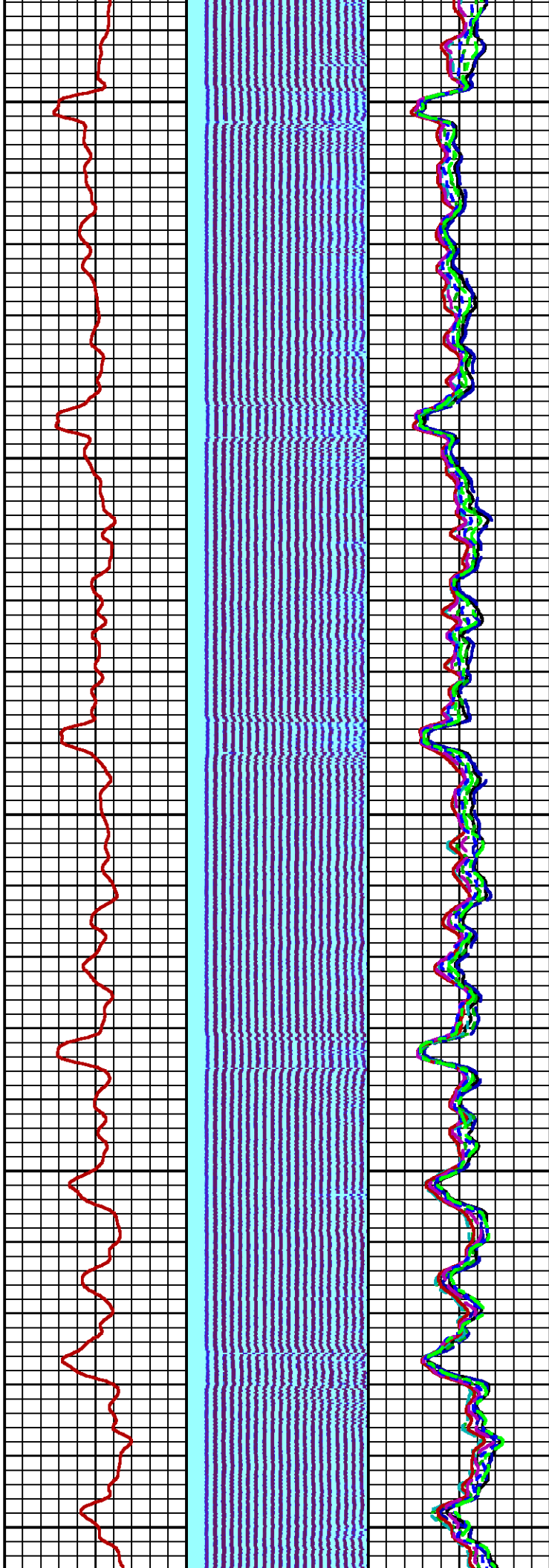
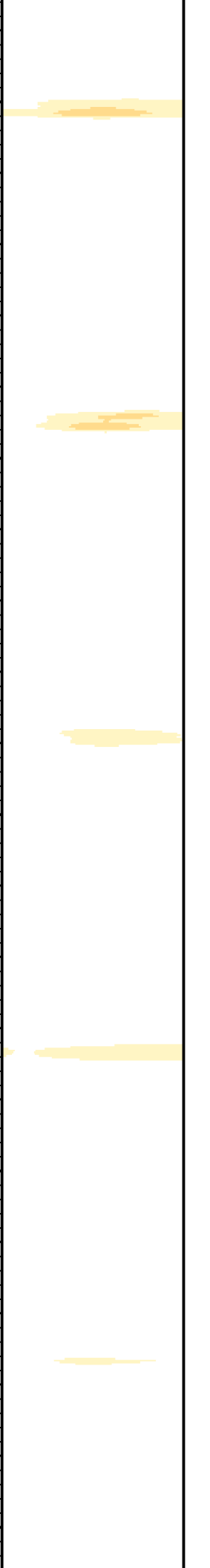


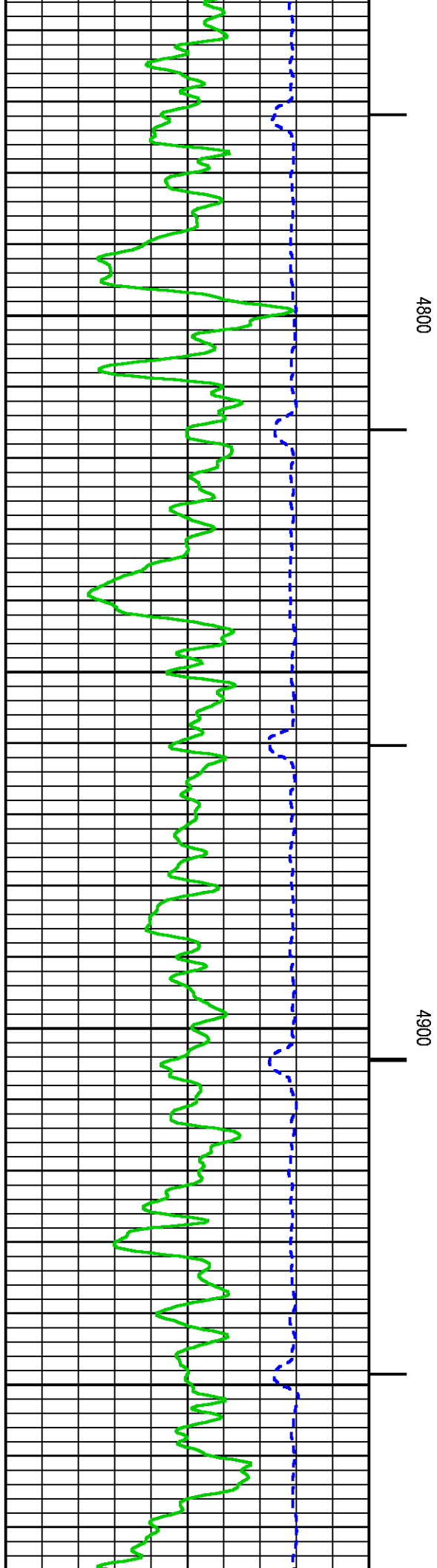
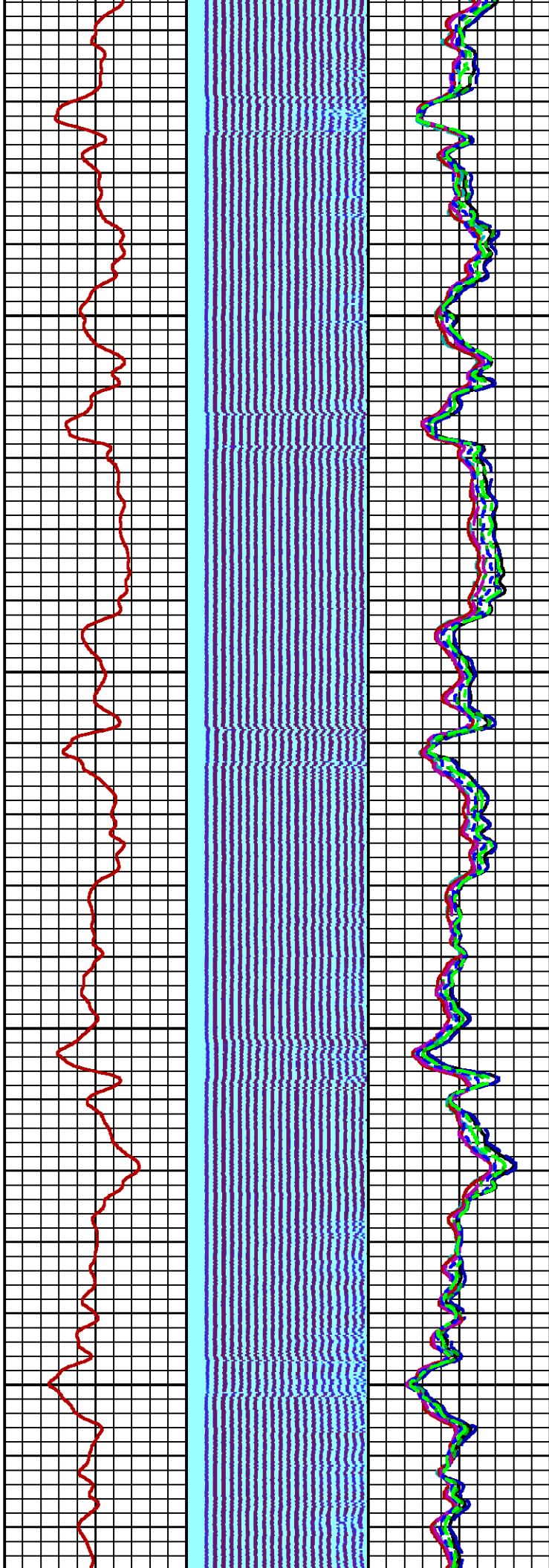
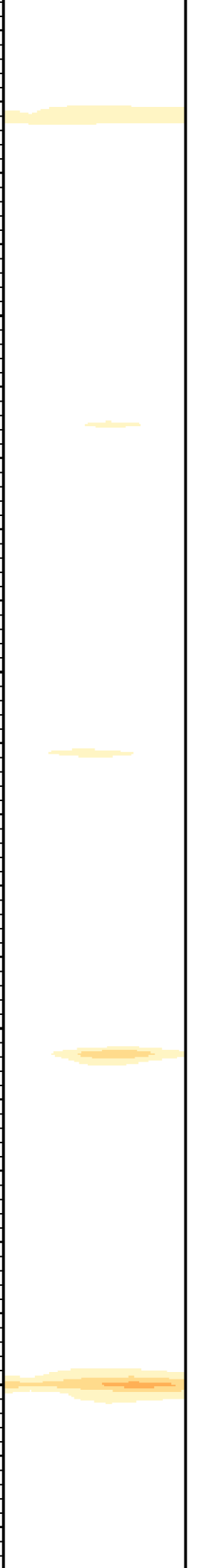




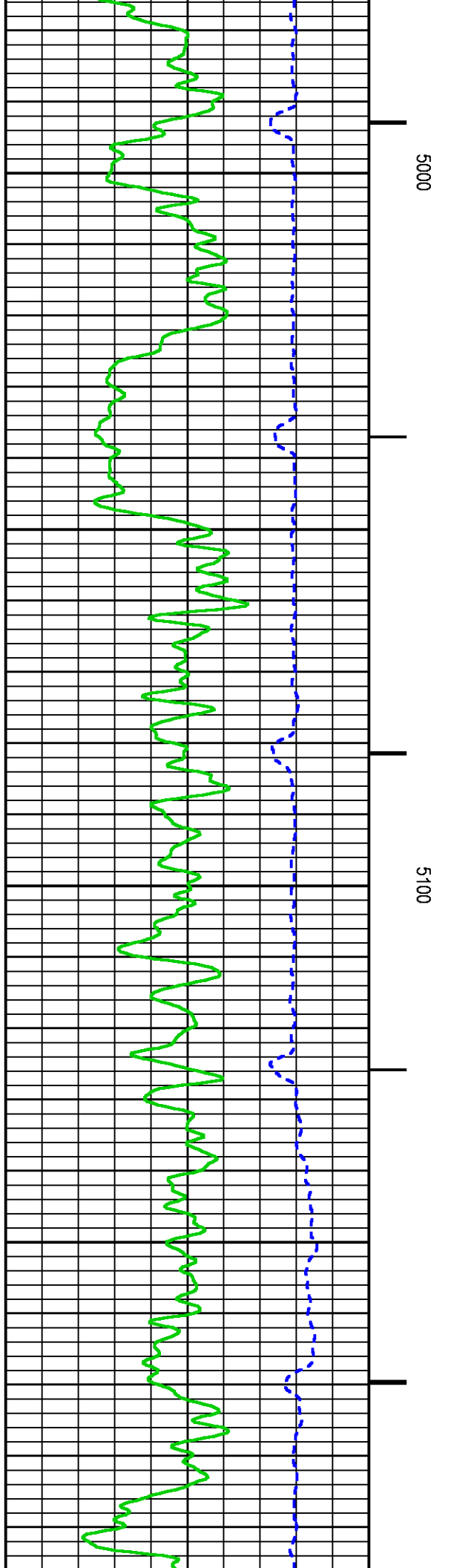
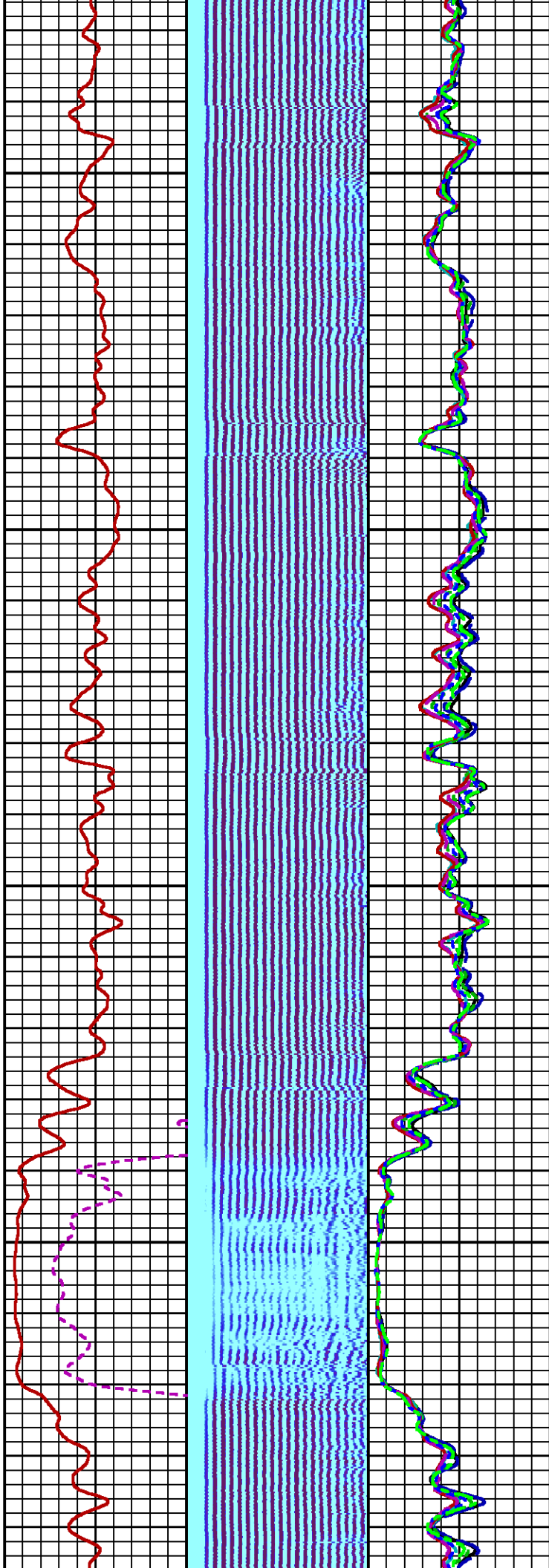


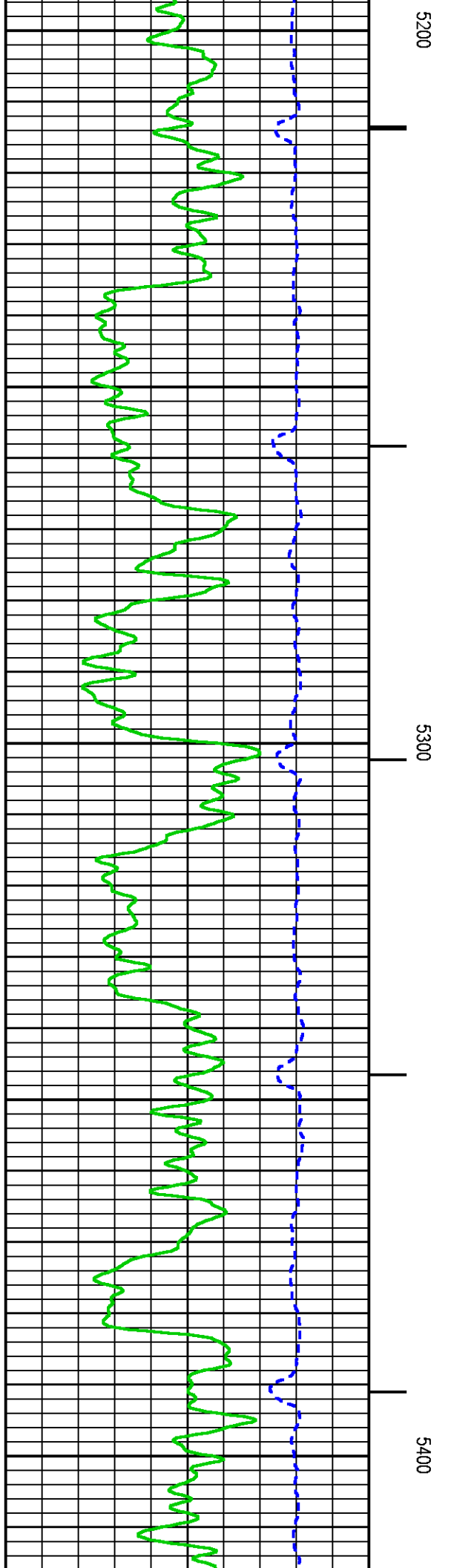
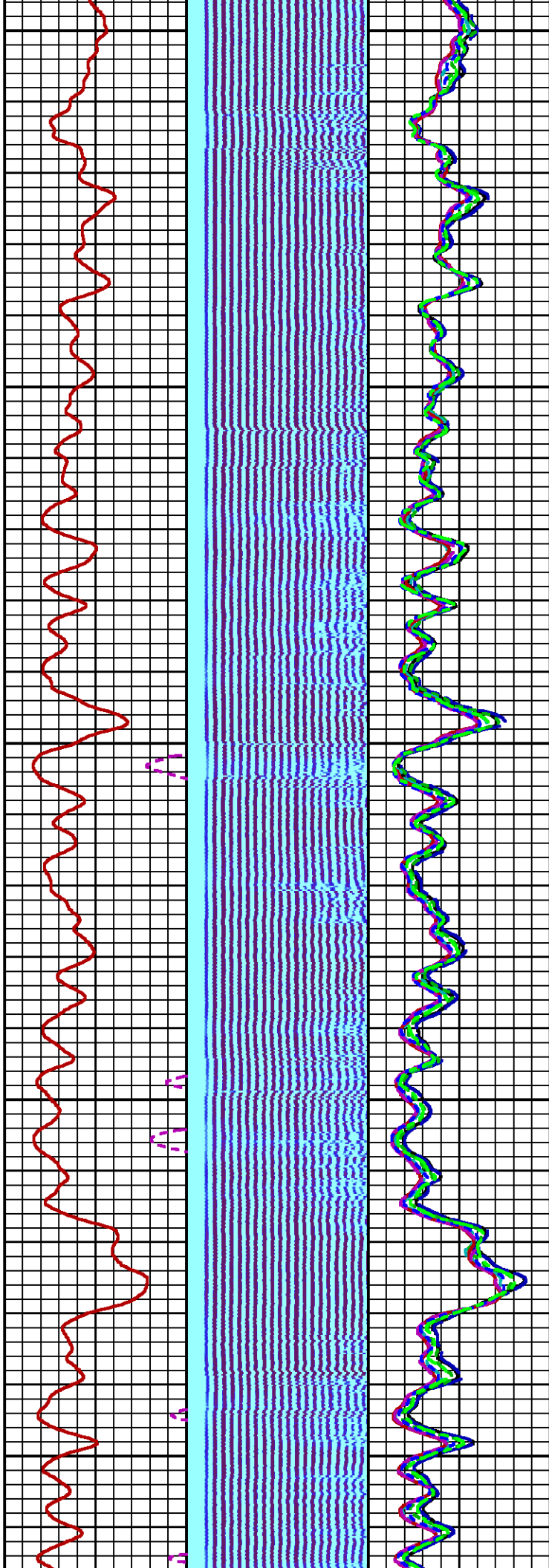
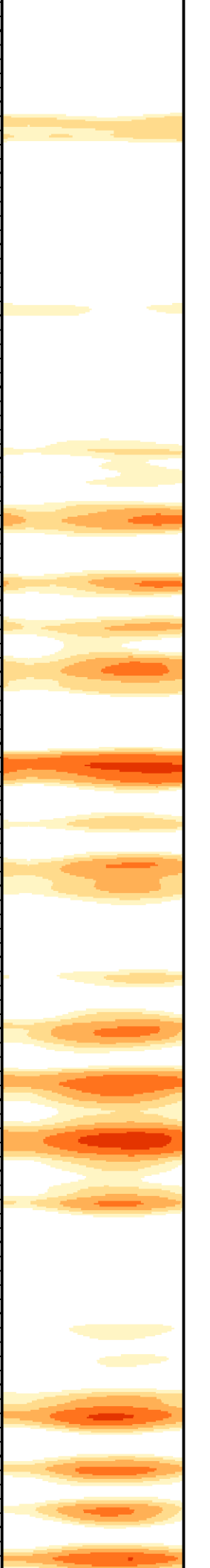


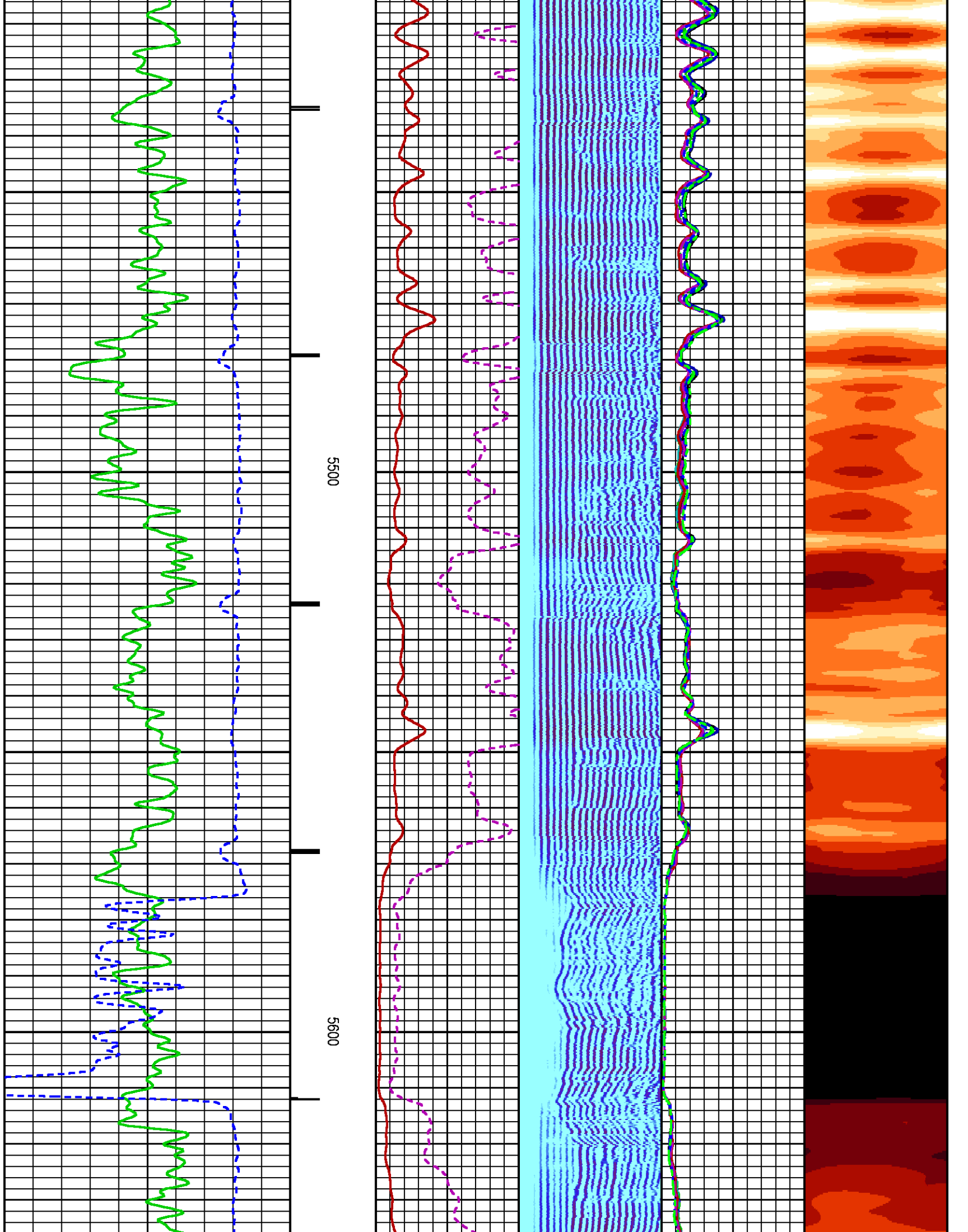


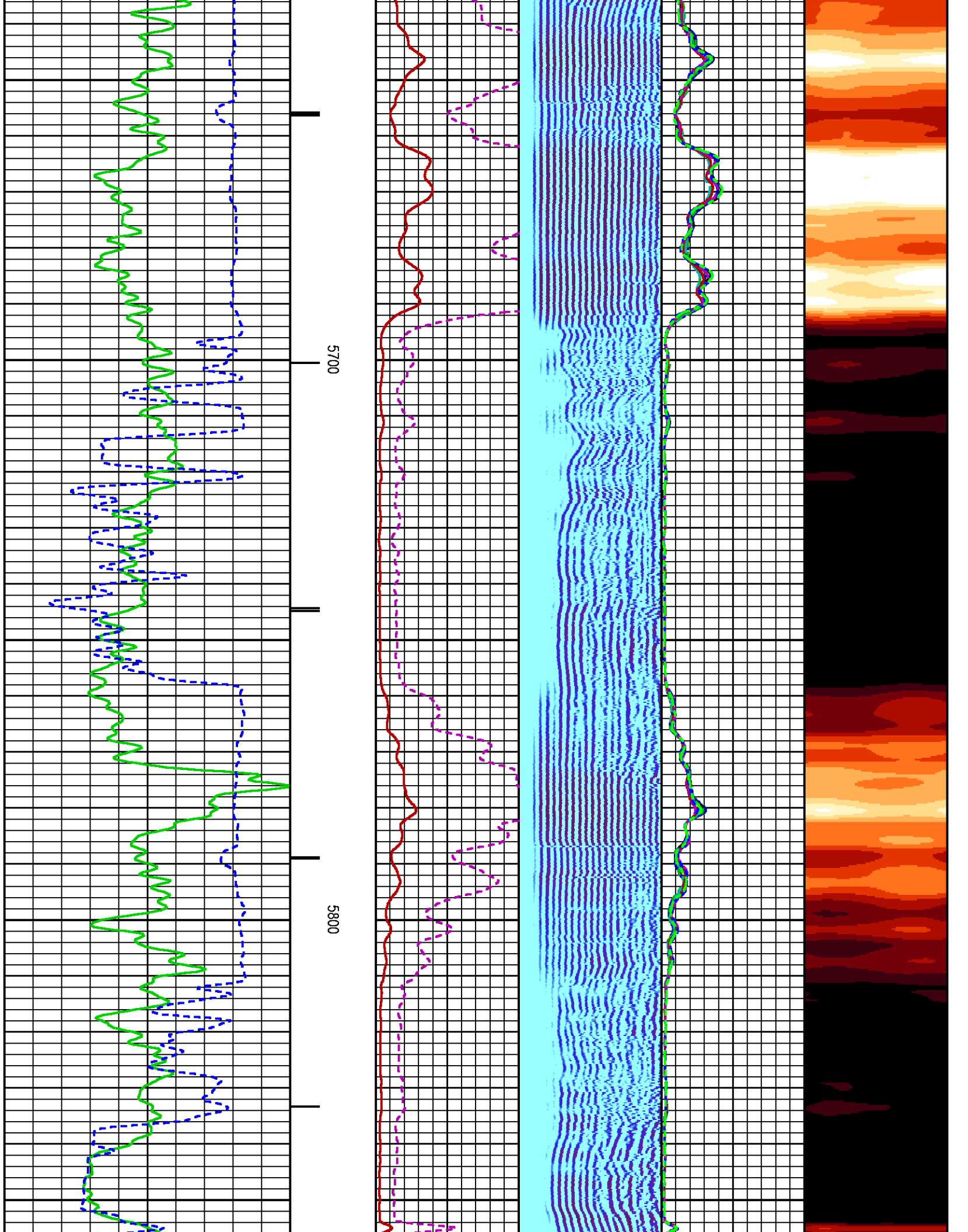




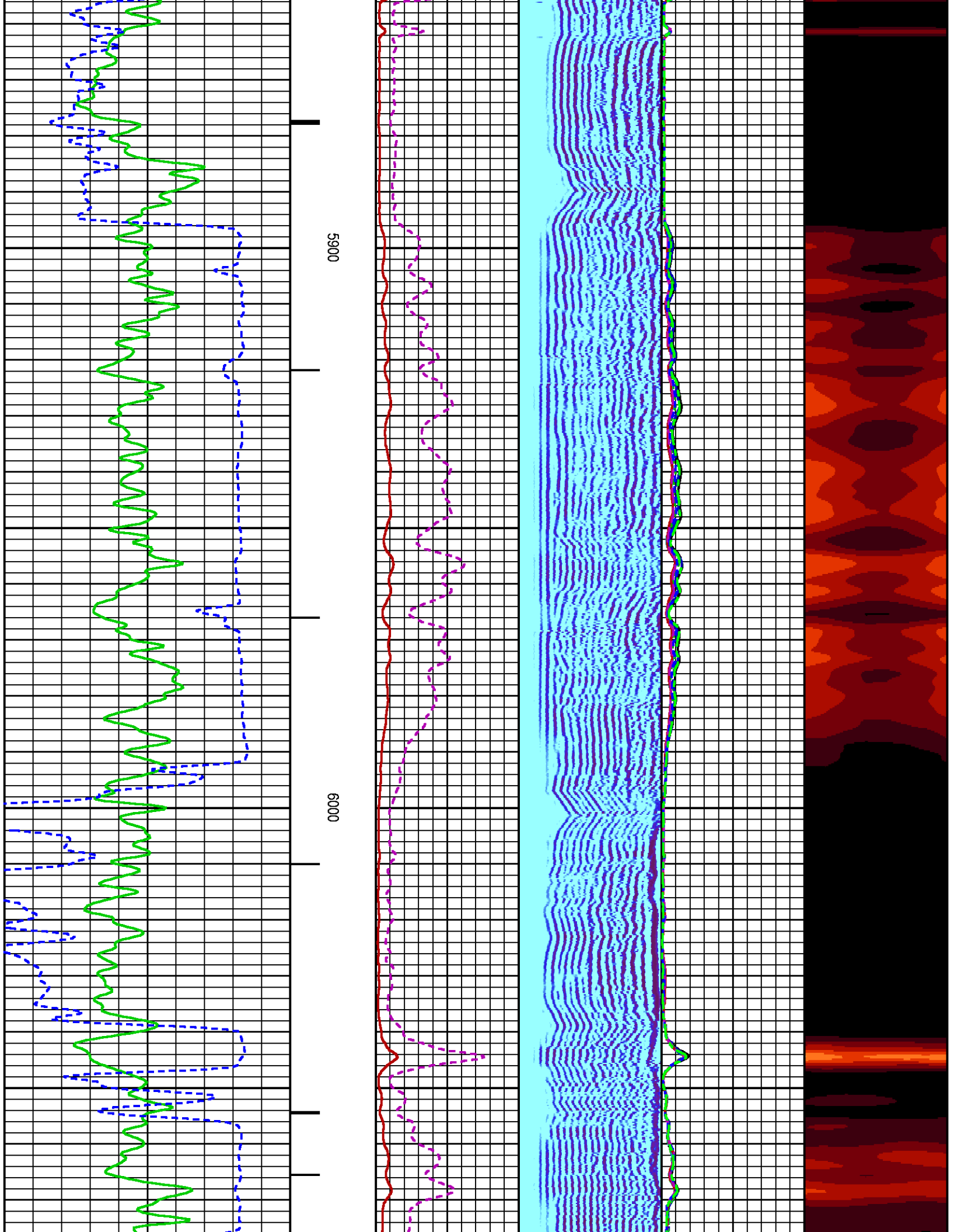


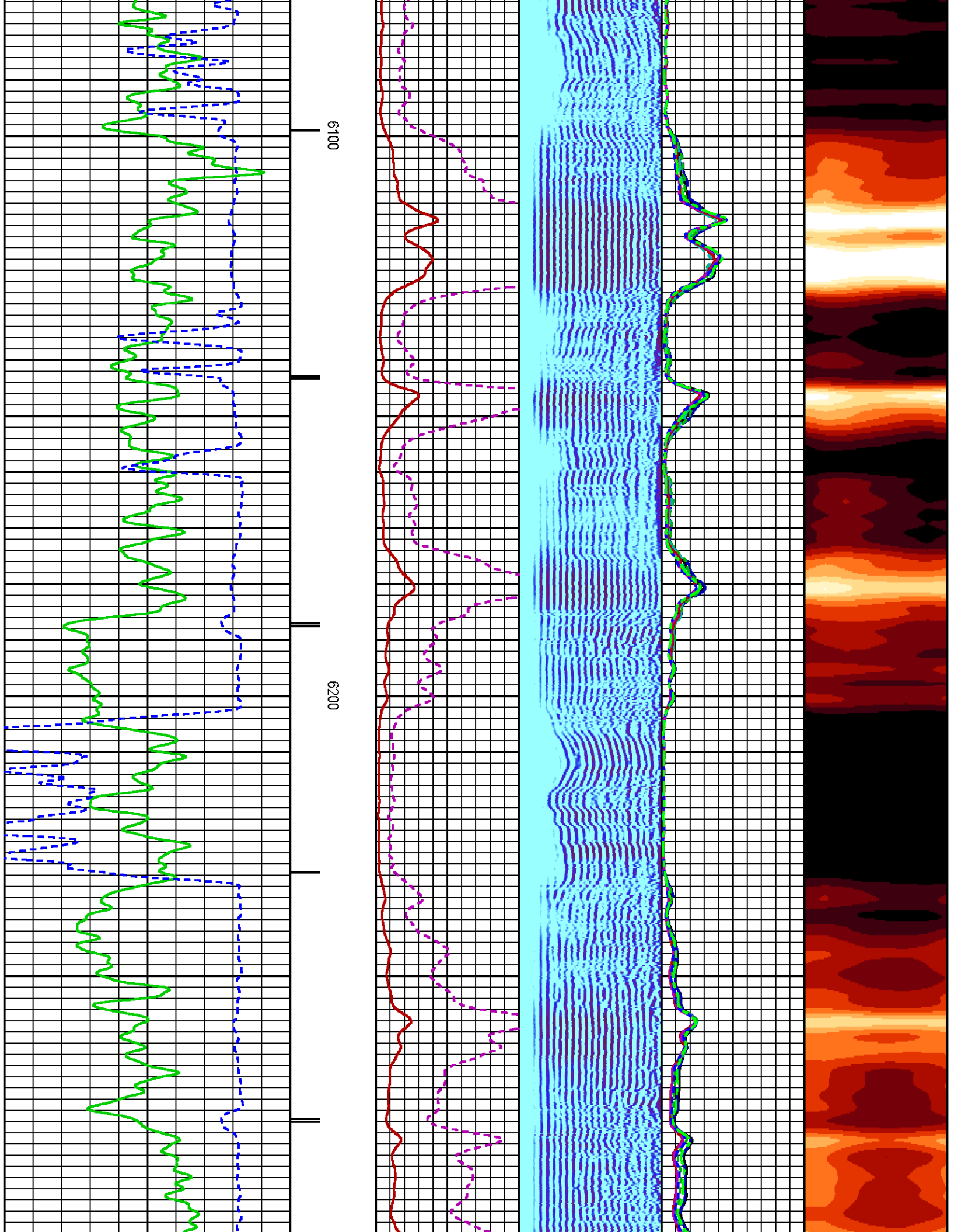


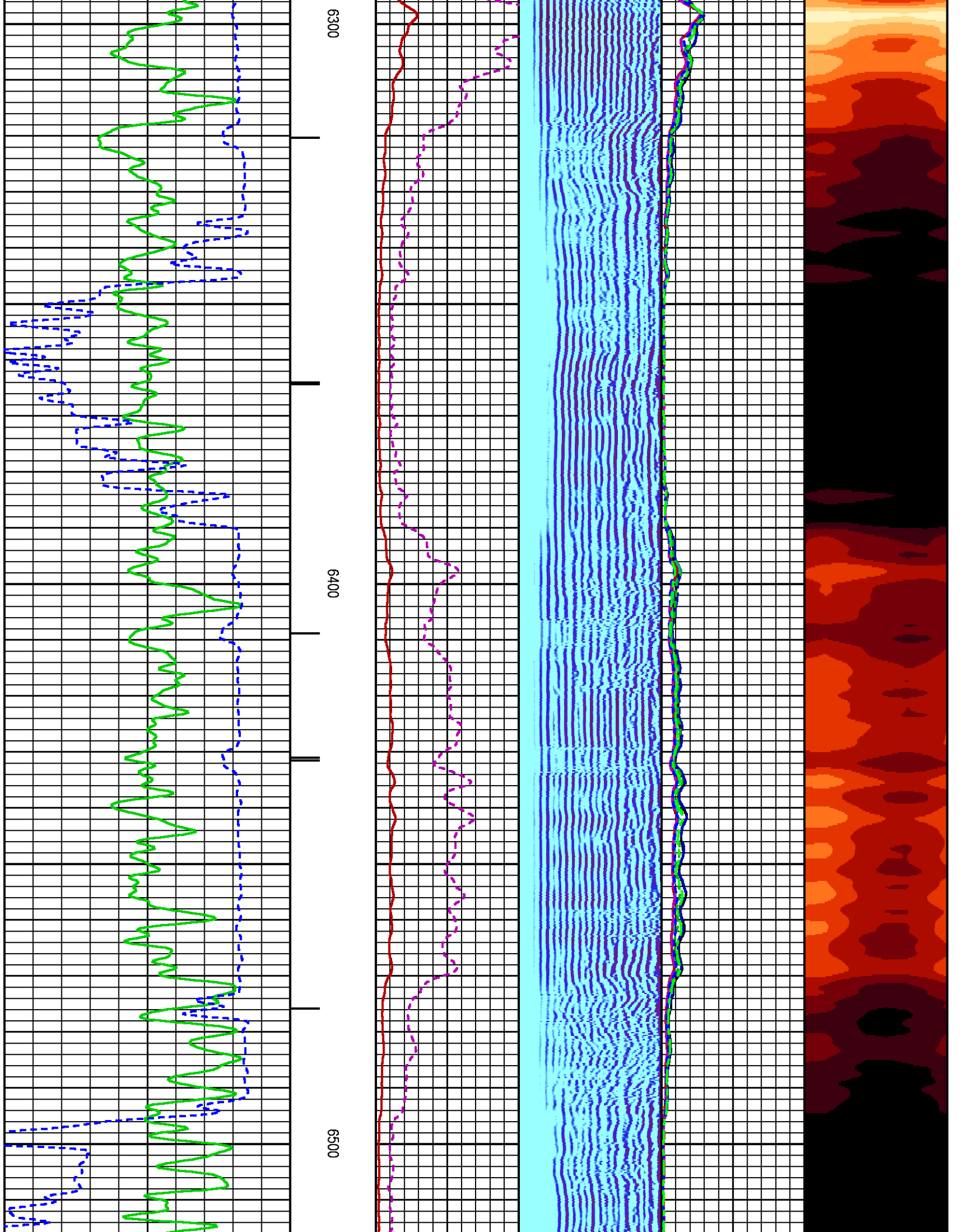


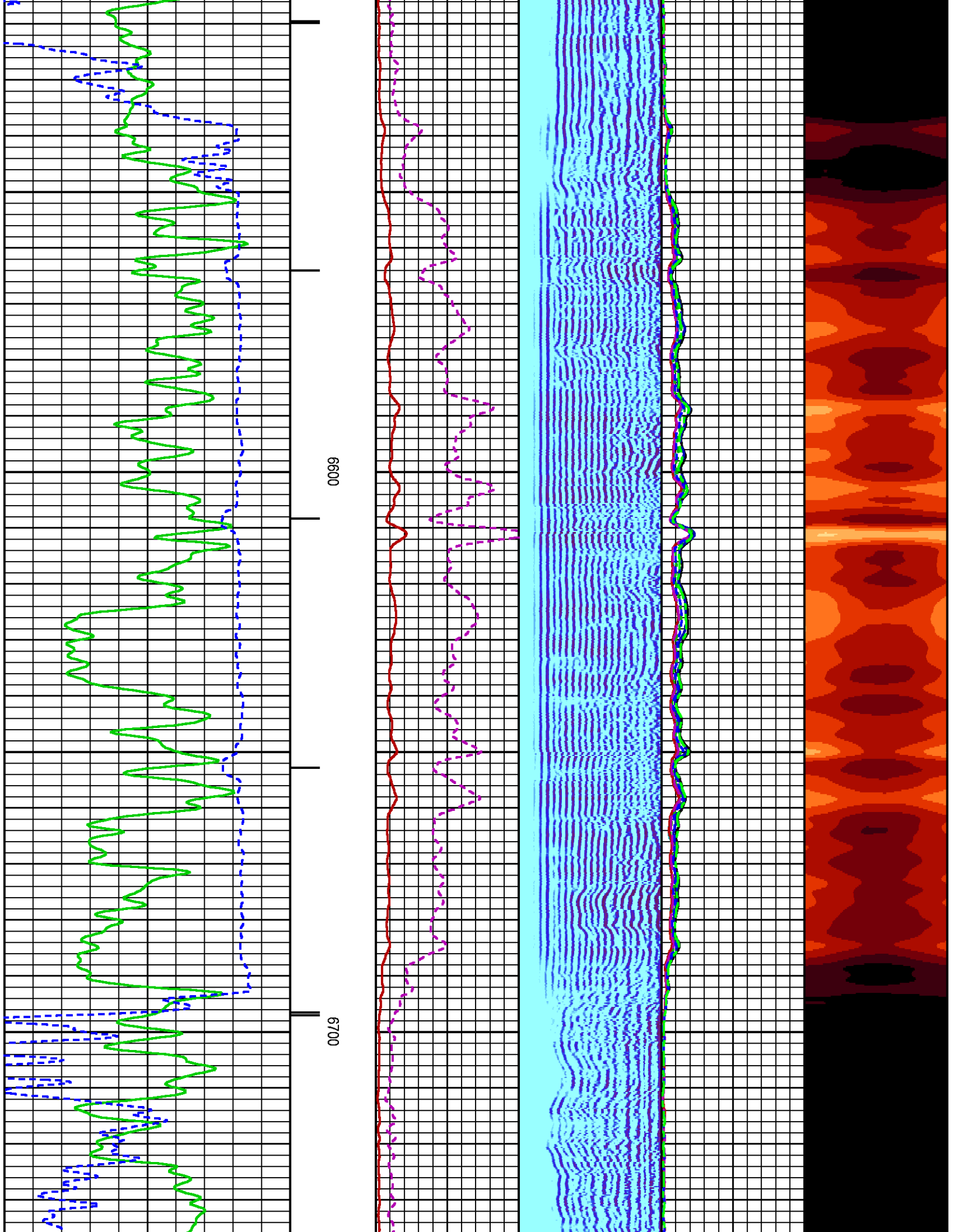




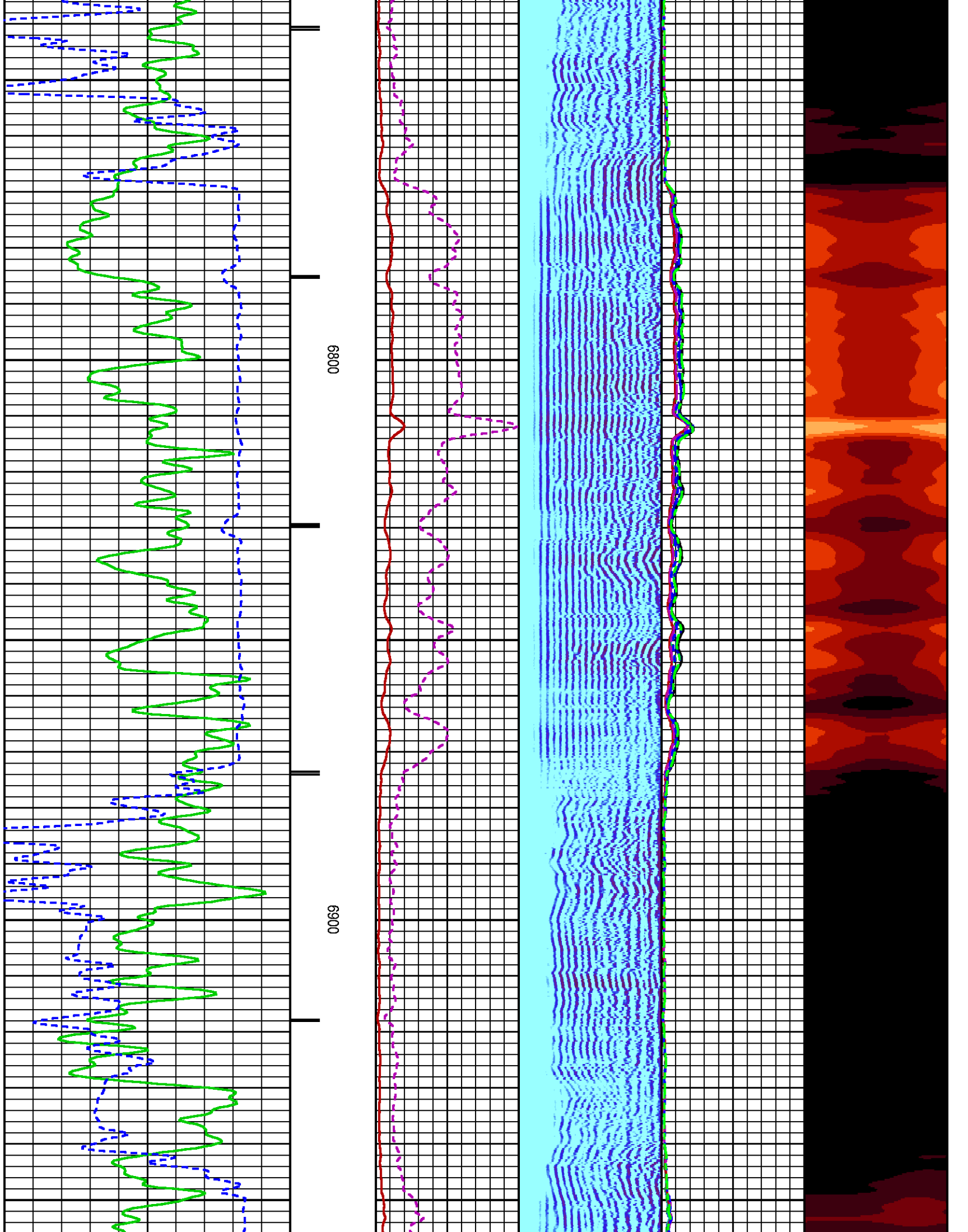


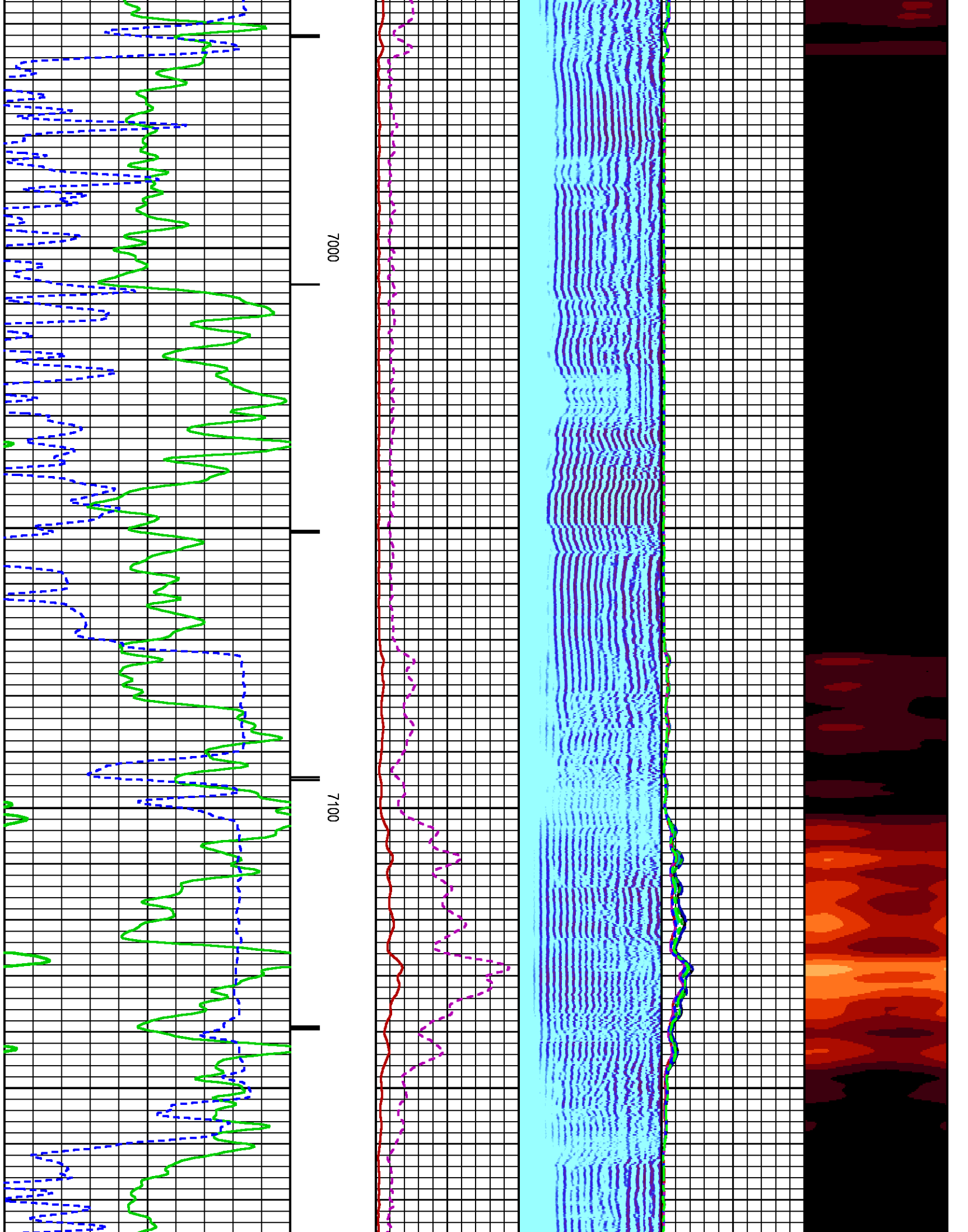


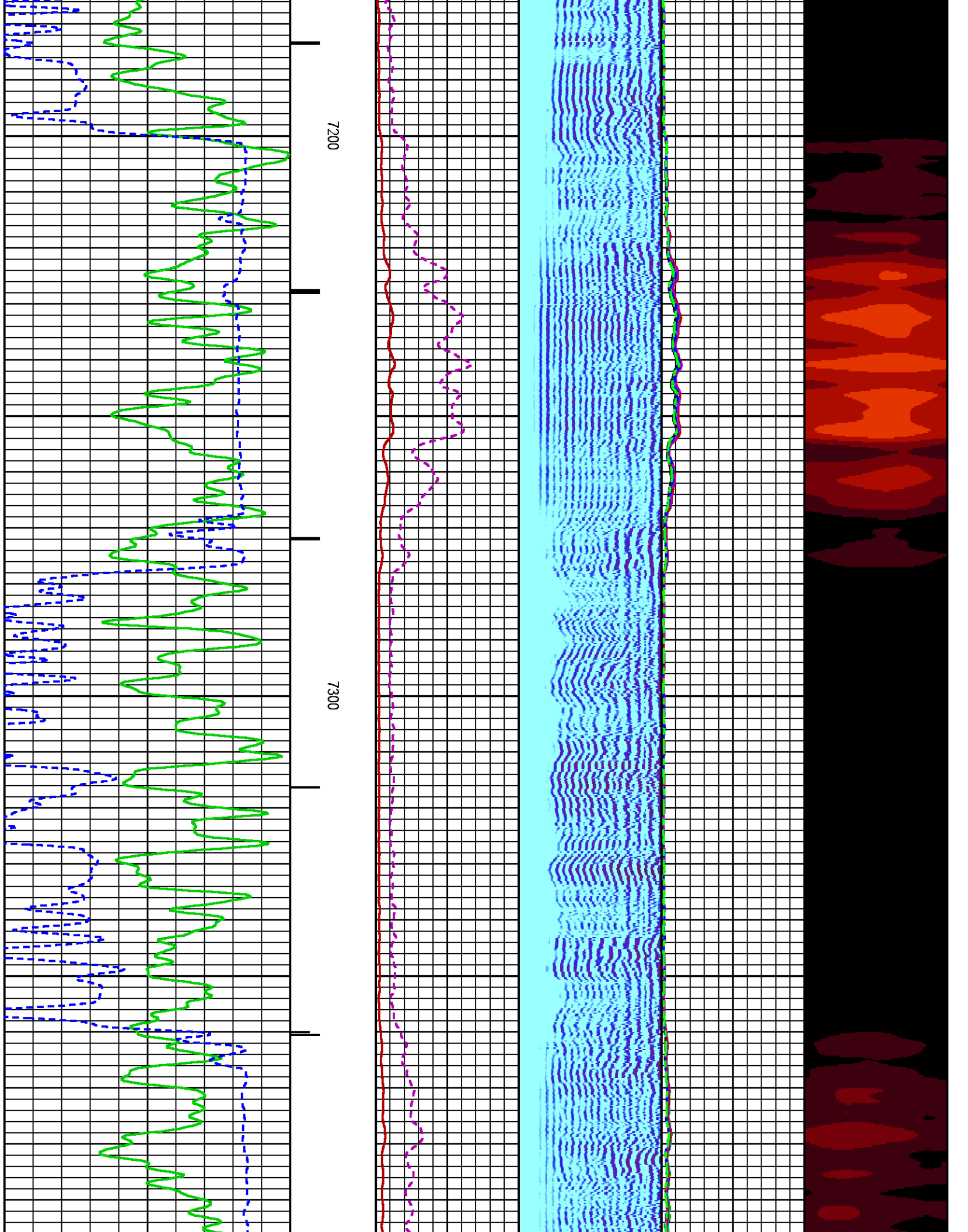


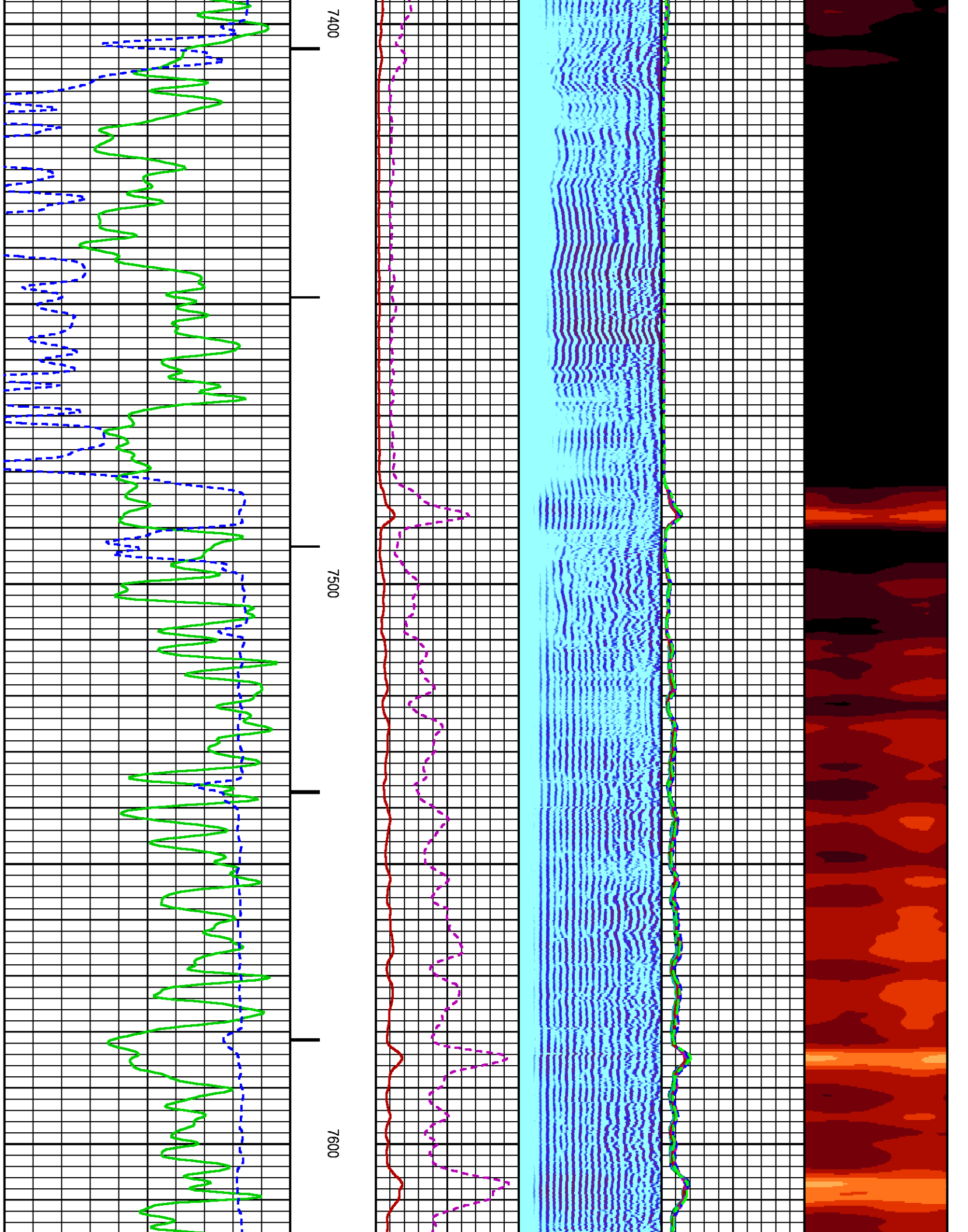




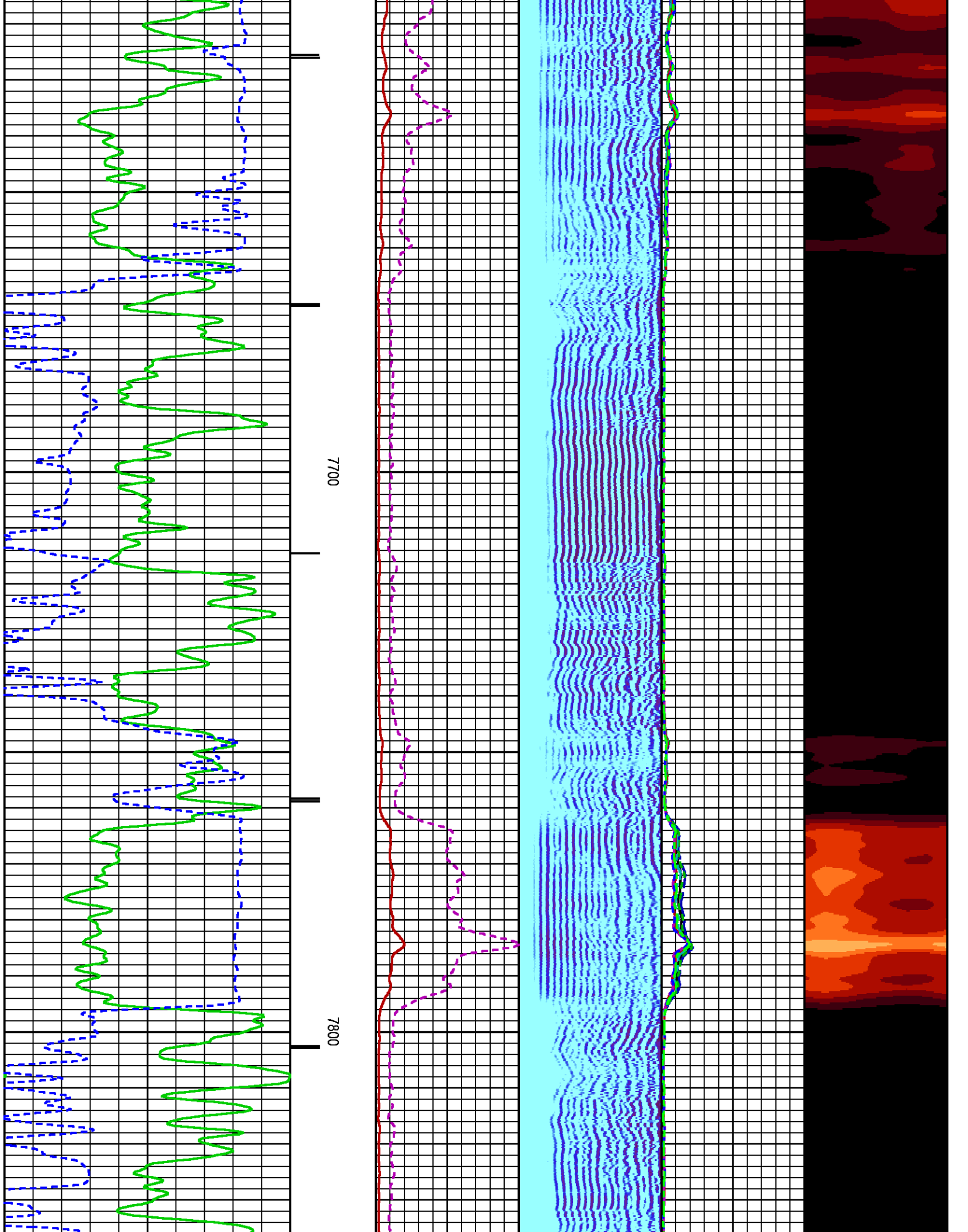


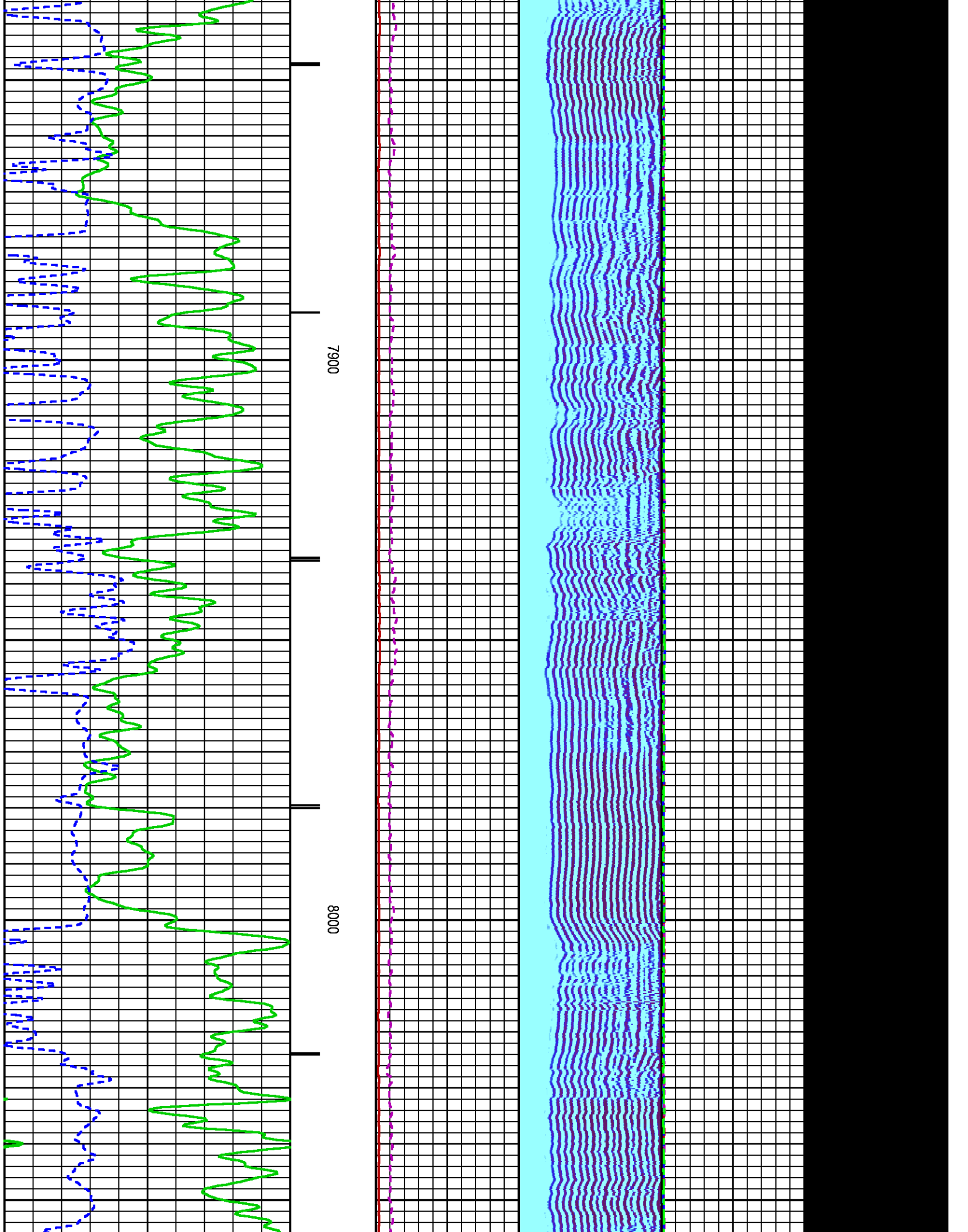


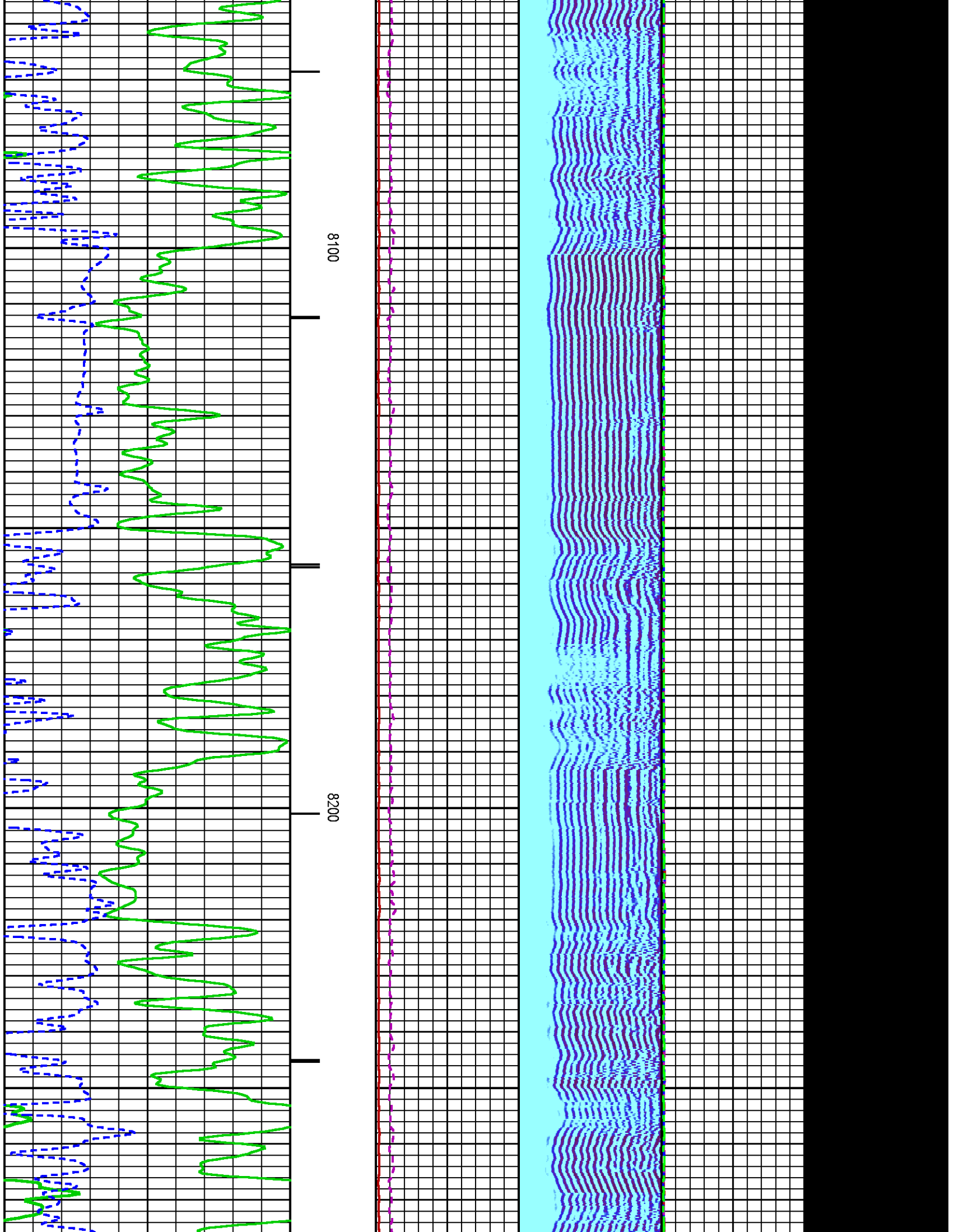


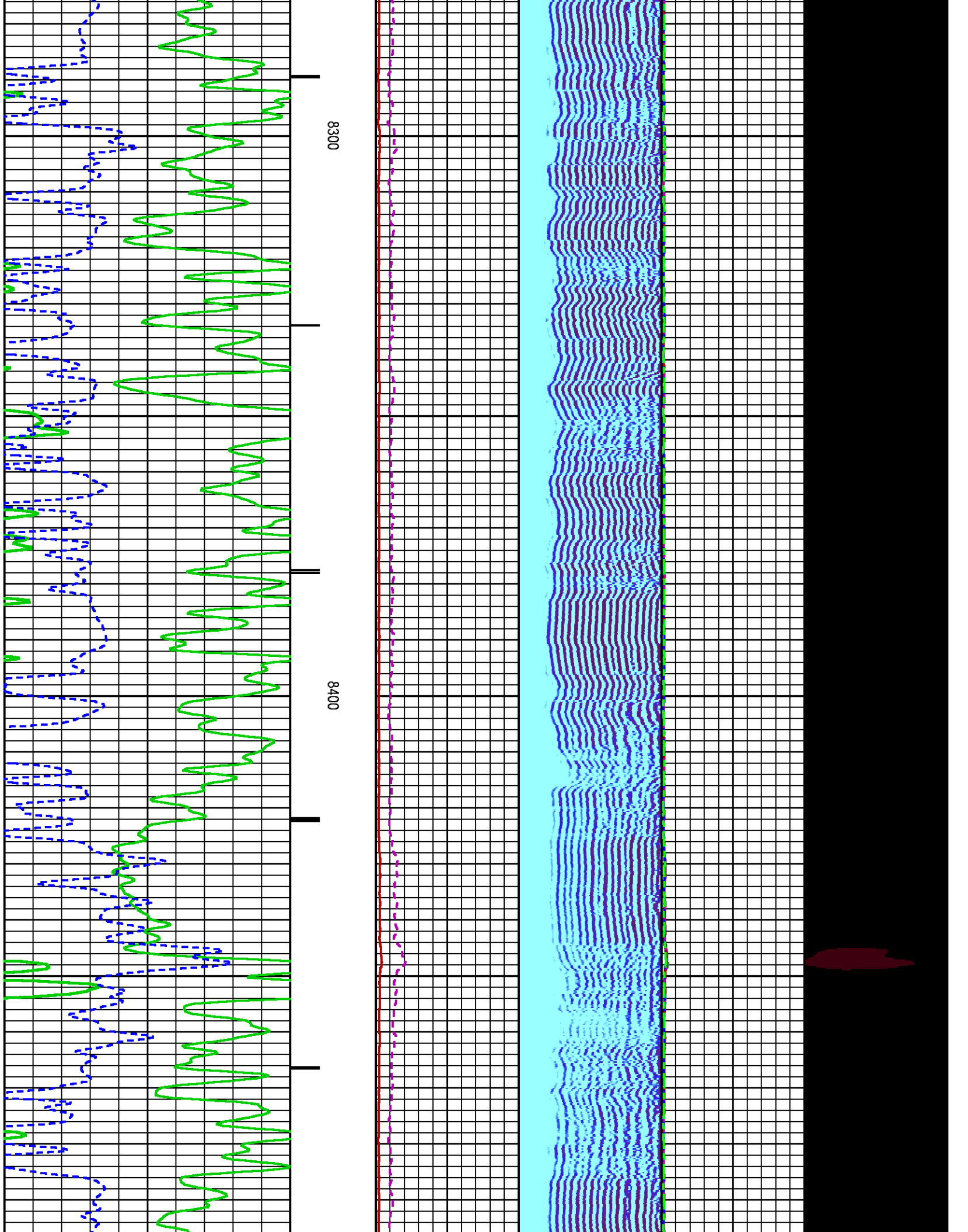




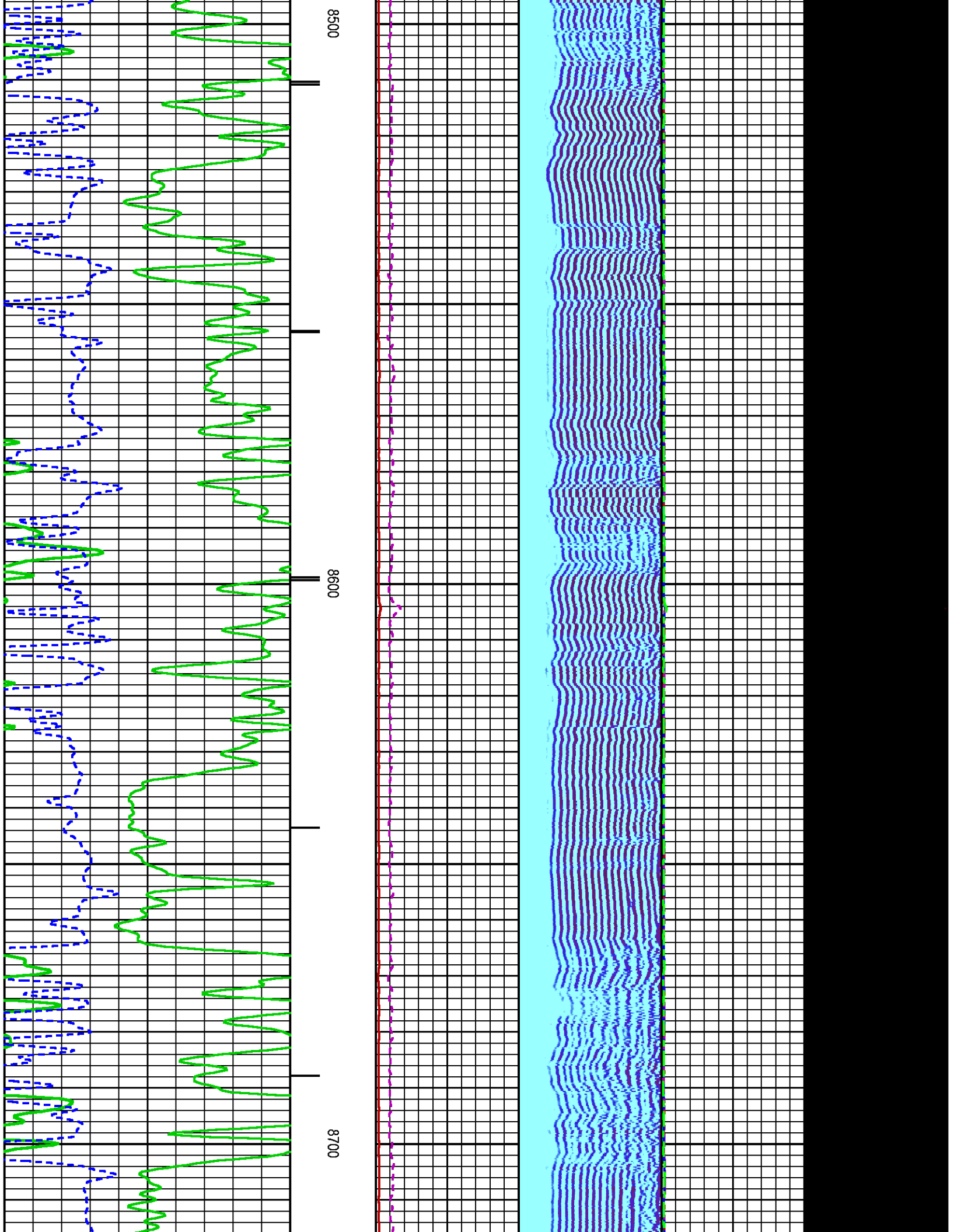


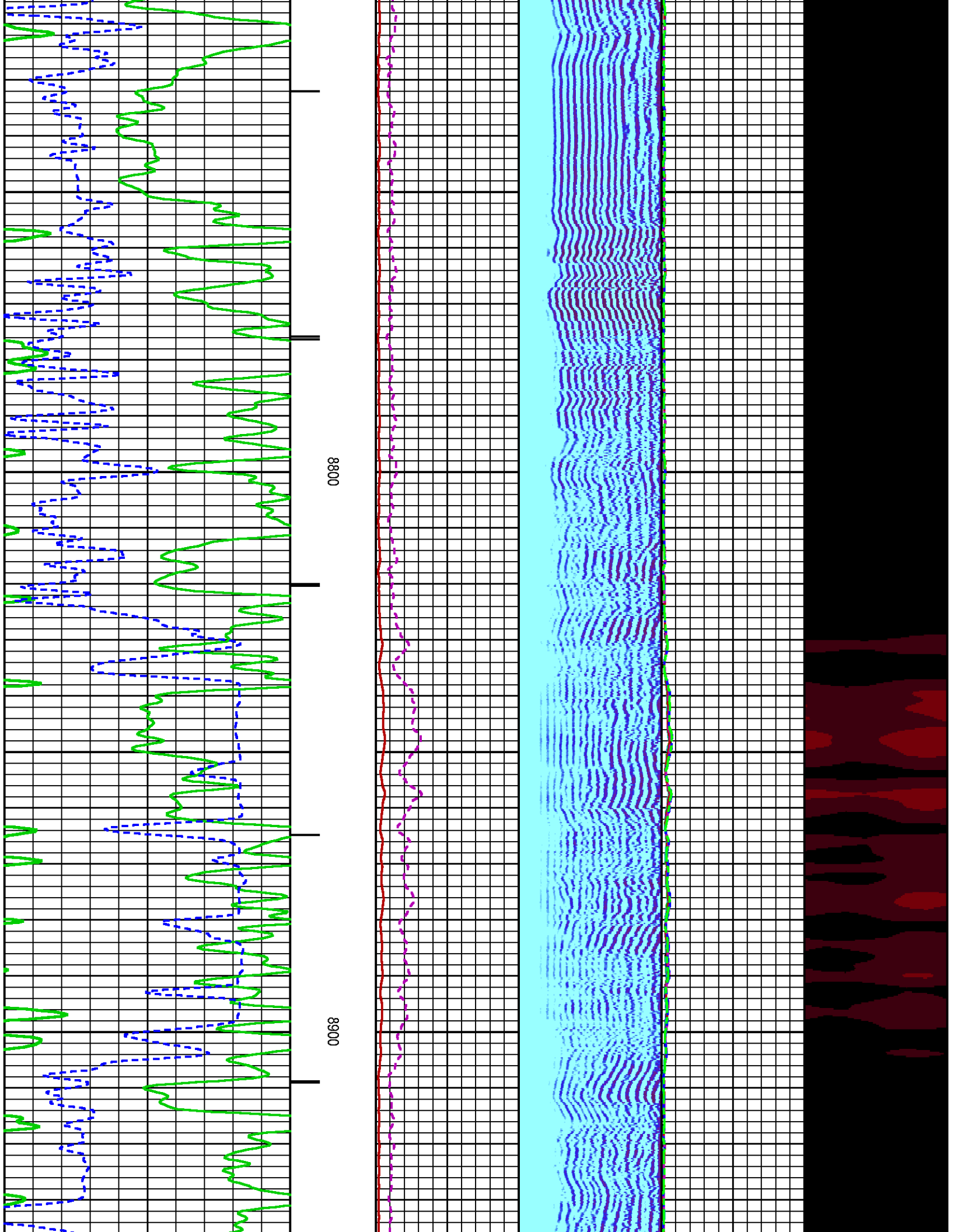


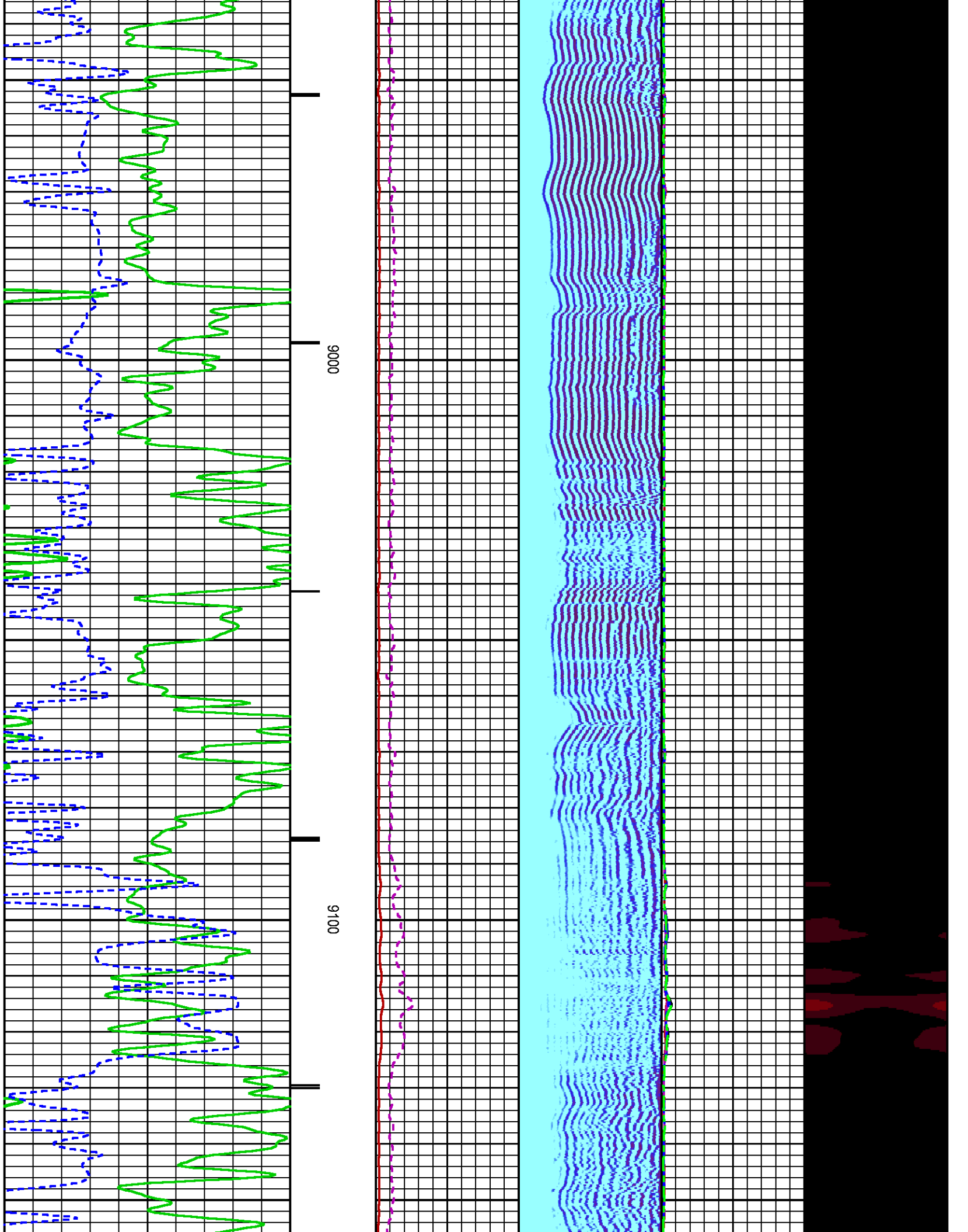


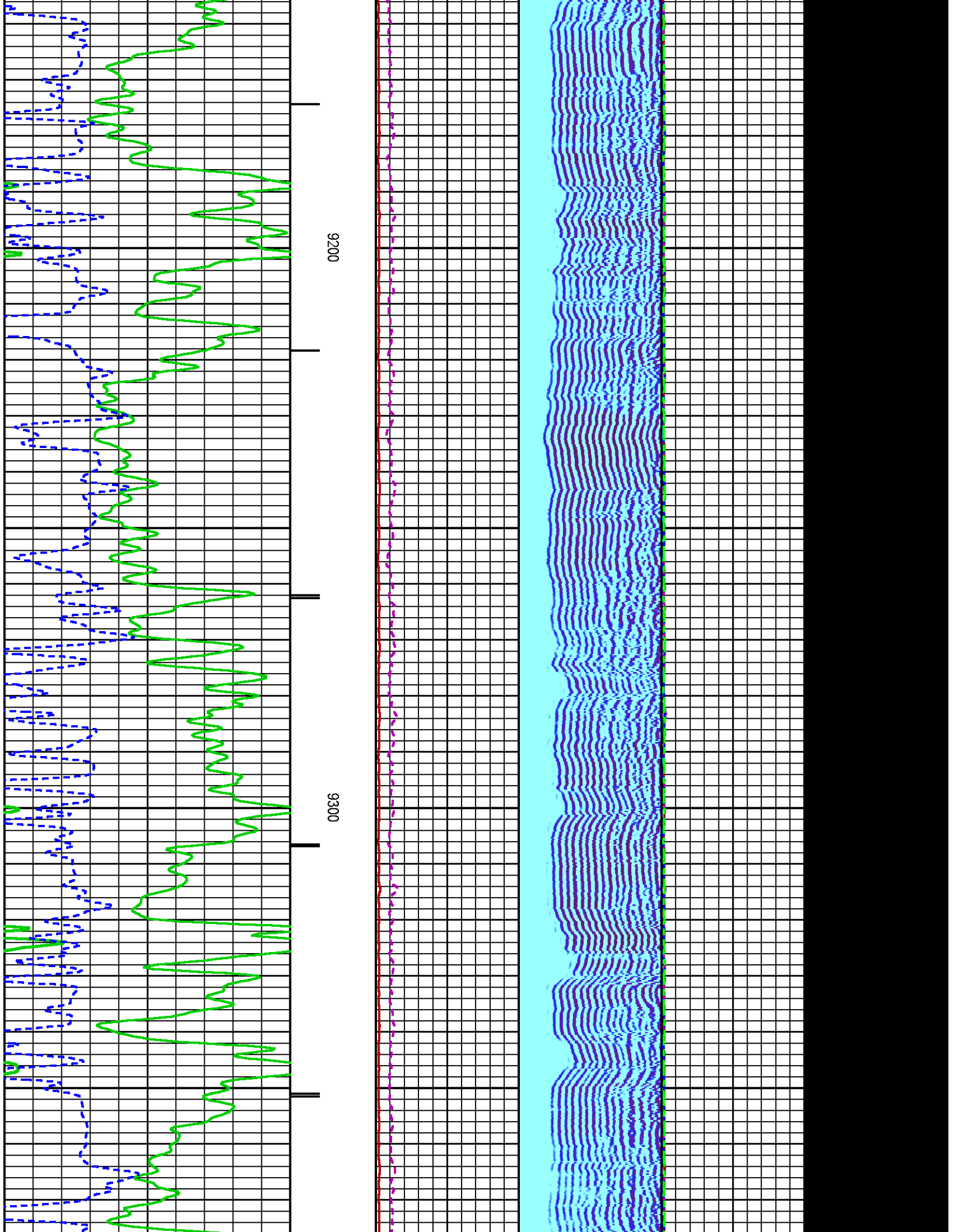




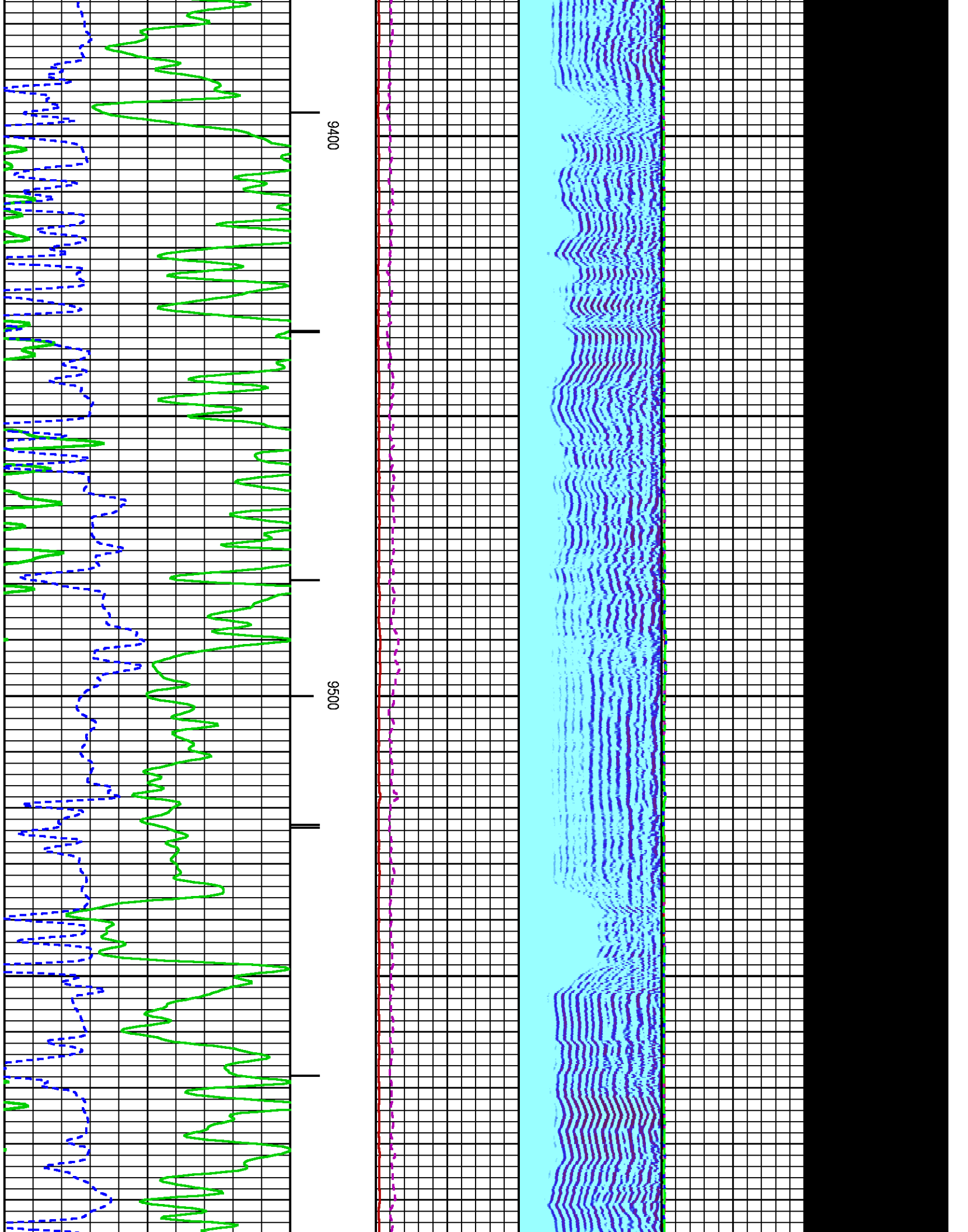


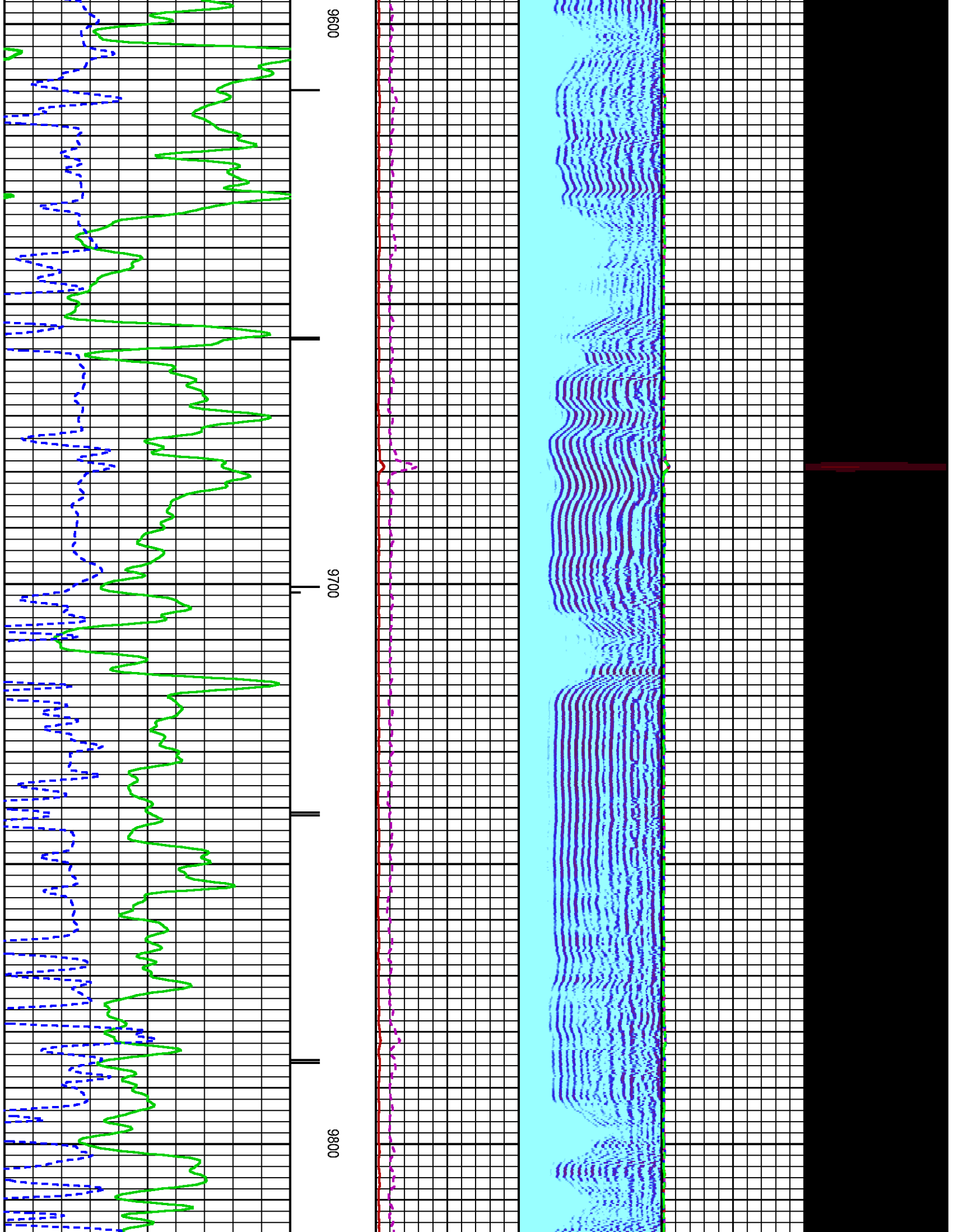


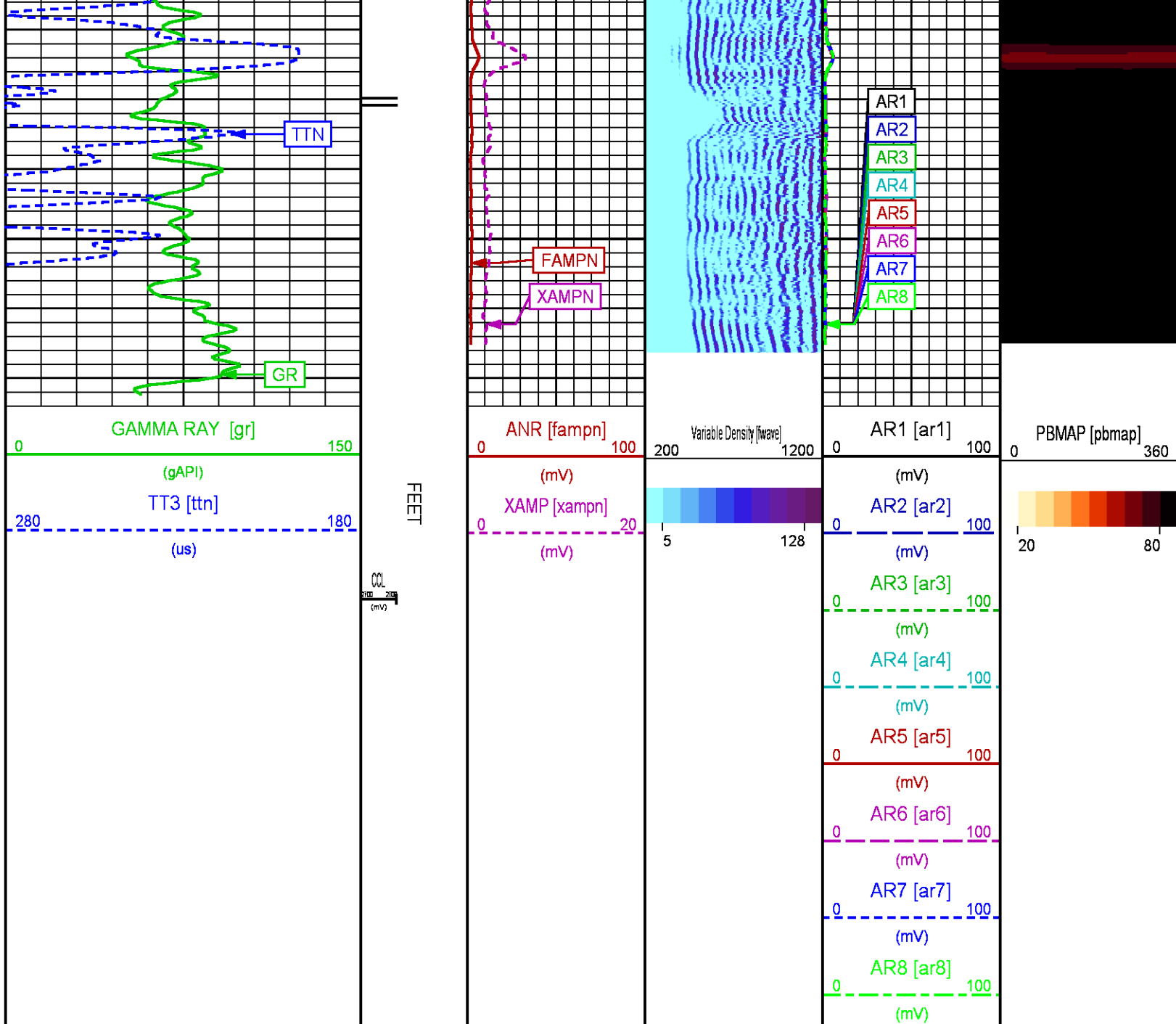












REPEAT LOG 0 PSI

ECLIPS 6.2wu1 PC-ECLIPS General Release Rel 6.2w Update 1 Fri Apr 25 10:54:53 Central Daylight Time 2014  
Updates: 46 Patches: 5

Plotted: Tue Mar 10 10:46:22 2015

## PARAMETER AND FILTER SUMMARY REPORT

FILE: C:\dat1a\095183\012e01.prm  
LOGGING MODE: DEPTH DIRECTION: UP  
TOP DEPTH: 9513.750 ft BOTTOM DEPTH: 9875.750 ft

SYMMETRIC FILTER

## SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	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*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	171	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*)	-71	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

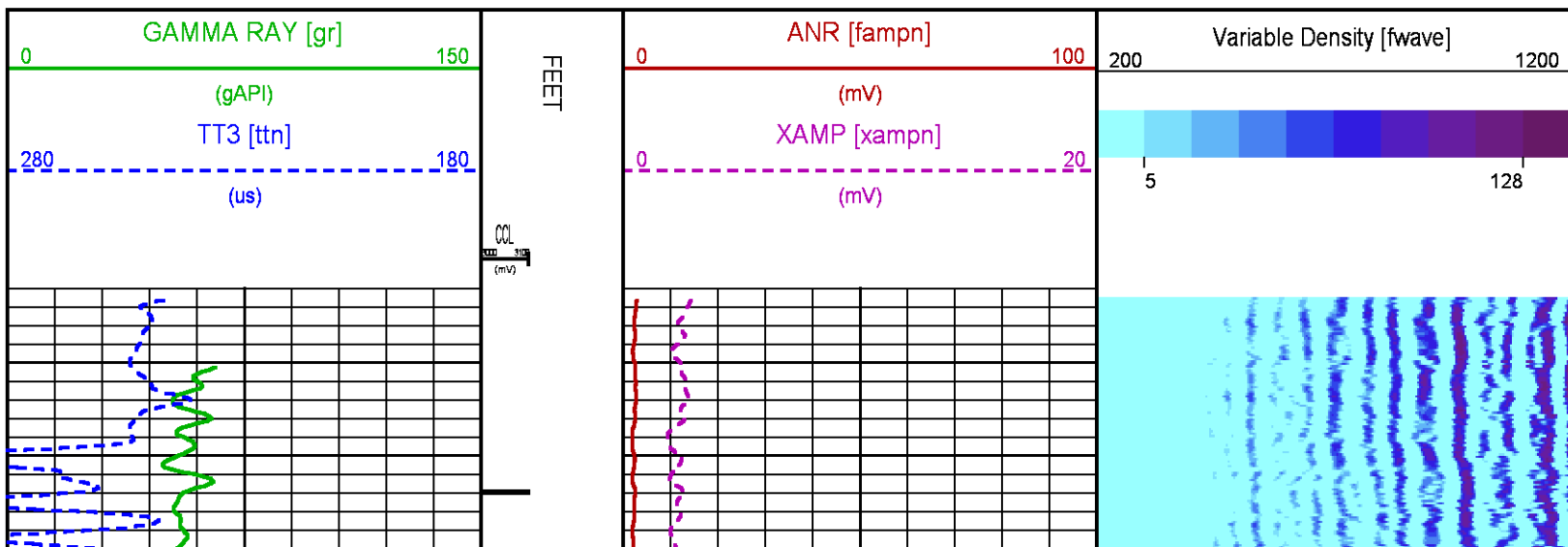
## CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Mar 9 14:21:52 2015	CASING COLLAR LOCATOR
F1:FAMPN	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Mar 9 14:21:52 2015	FAR WAVE FORM
F1:GR	Mar 9 14:21:52 2015	GAMMA RAY
F1:TTN	Mar 9 14:21:52 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Mar 9 14:21:52 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

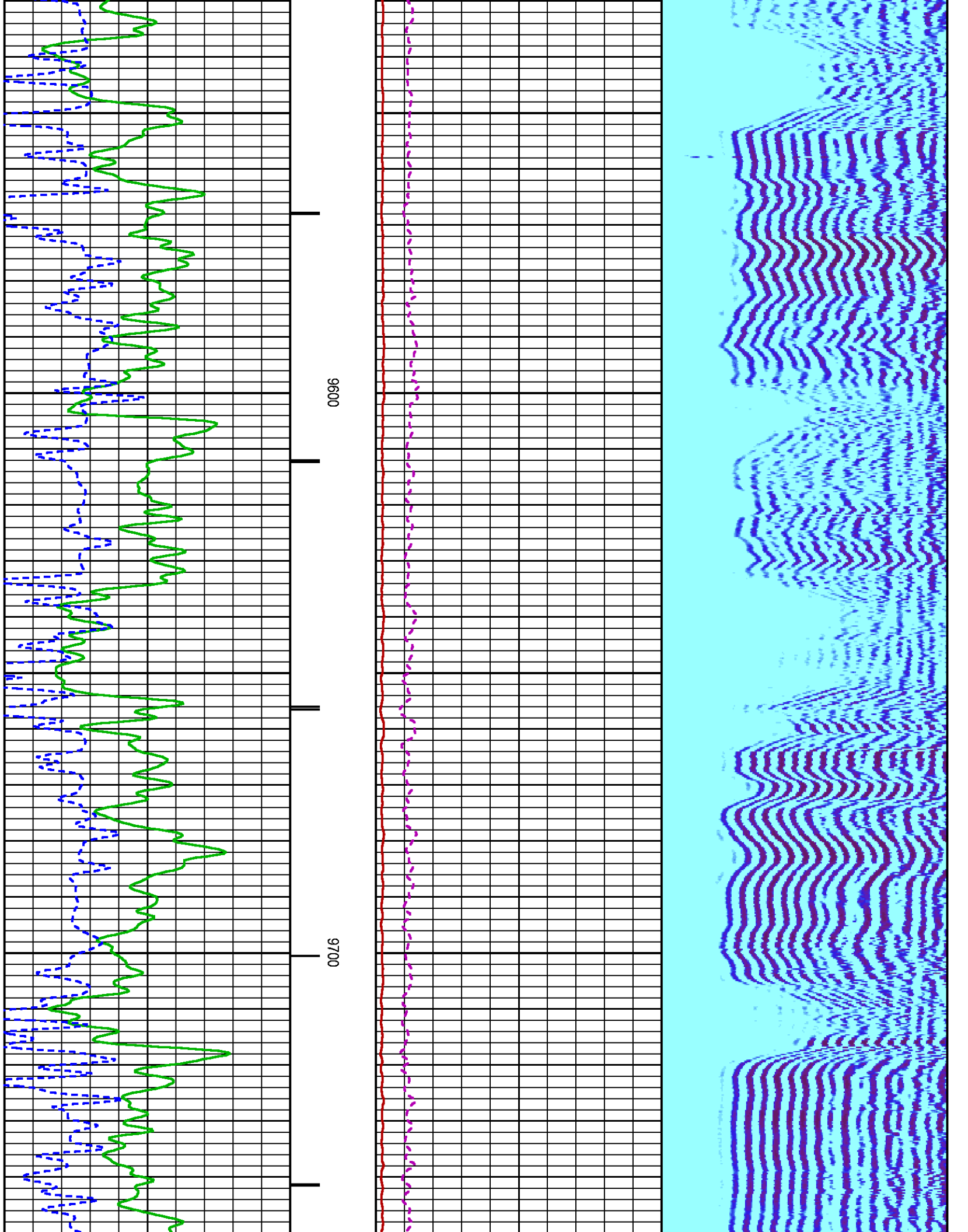
## CURVE MEASURE POINT OFFSET

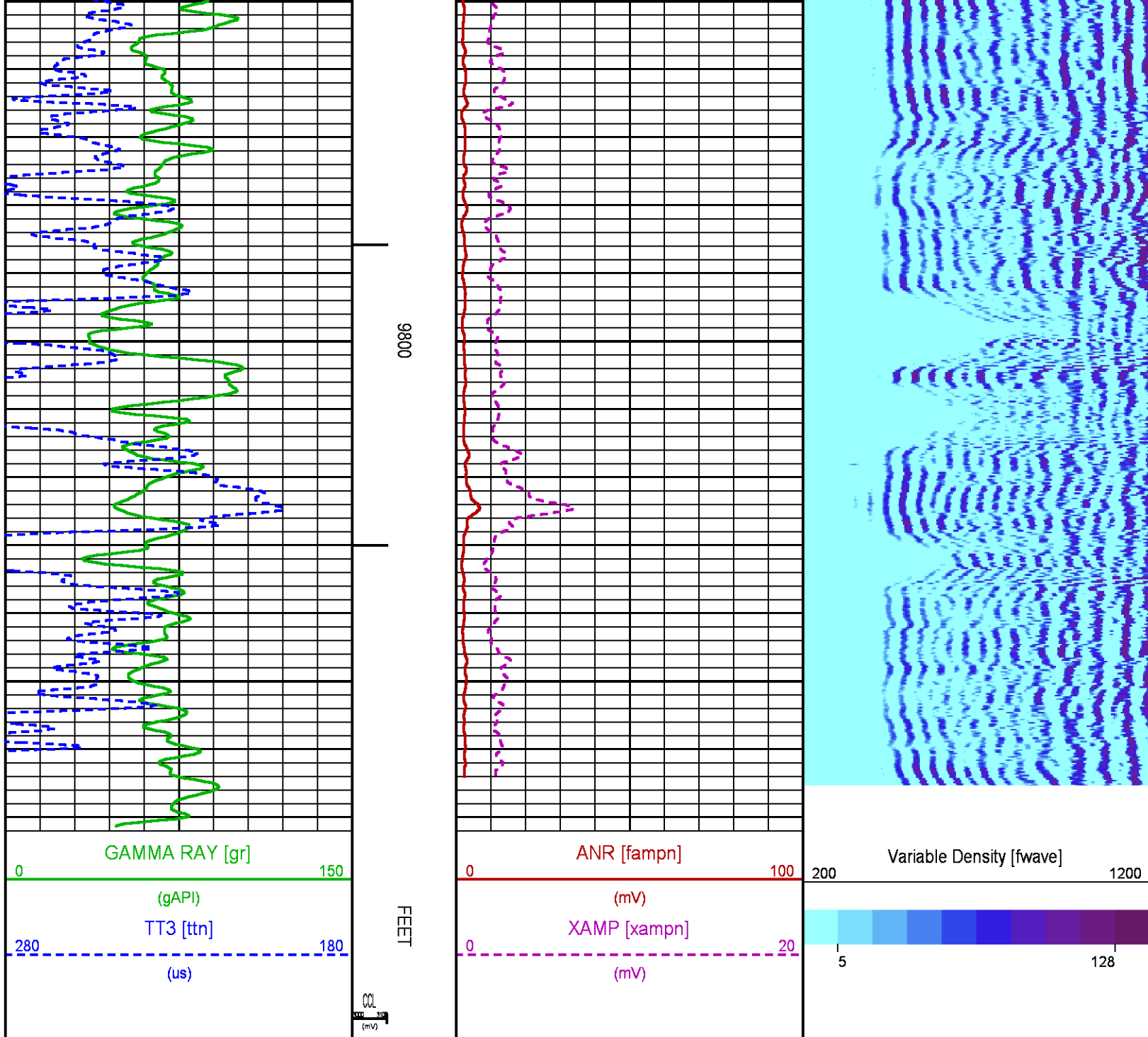
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

<b>Presentation</b>	: BHUGHES-06627:C:\dat1a\095183\543_CBL_REPEAT.fvpdf [5"/100' Scale]
<b>Plot Interval</b>	: 9503 - 9877.5 Feet
<b>Data File 1</b>	: F1 : BHUGHES-06627:C:\dat1a\095183\543_CBL_REPEAT.xtf
<b>Created On</b>	: Mar 9 14:21:52 2015
<b>Company</b>	: WPX ENERGY
<b>Well</b>	: YOUBERG RU 543-7
<b>Field</b>	: RULISON
<b>File Interval</b>	: 9502 - 9879 Feet
<b>OCT</b>	: n012e









## CALIBRATION / VERIFICATION SUMMARY

Source File: C:\dat1a\095183\012e.tp1

## RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10218496

DATE/TIME PERFORMED: Sun Mar 08 14:36:36 2015

UNIT #: 3885TD Z004271

	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)	0.29	0.66	0.22	0.14	0.18	0.25	0.29	0.23	0.19	0.52	-0.43
AMP FLUID (mV)	361	364	364	364	361	358	359	361	359	486	364
TT (us)	217	217	217	217	217	217	217	217	218	325	217
M FACTOR	0.28	0.28	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.31	0.27

## RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10218496      DATE/TIME PERFORMED: Mon Mar 09 13:39:37 2015      DAYS SINCE CAL: 0

UNIT #: 3885TD Z004271      CABLE #: 4271SM SMALL1

	NEAR (mV)	R1 (mV)	R2 (mV)	R3 (mV)	R4 (mV)	R5 (mV)	R6 (mV)	R7 (mV)	R8 (mV)	FAR (mV)	CAL (mV)
ZERO	-0.01	0.07	0.01	-0.00	0.01	0.00	-0.01	-0.01	0.00	-0.56	0.03
AMP AIR	1.96	1.37	1.58	1.81	1.80	1.82	1.88	1.41	1.41	3.01	97.49

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
0.27	0.00	1.03

## GR PRIMARY CALIBRATION SUMMARY

TOOL #: 2459XA 10417457      DATE/TIME PERFORMED: Fri Mar 06 09:13:01 2015

UNIT #: 3885TD Z004271      CALB JIG #: 4702NK WA612

	BACKGROUND (cts)	CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	98.40	404.71	306.3	0.604	59.43	244.43	185

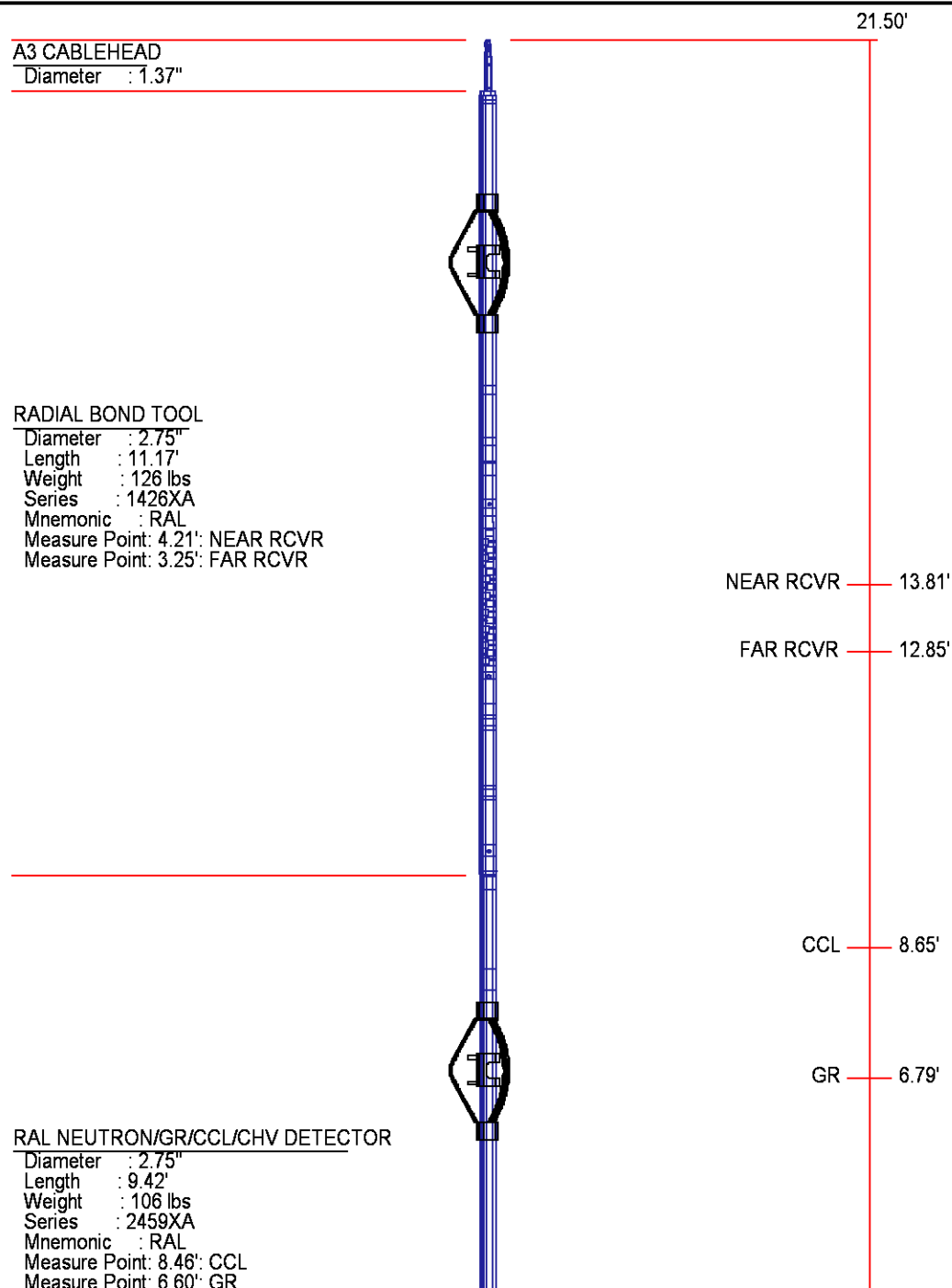
## GR PRIMARY VERIFICATION SUMMARY

TOOL #: 2459XA 10417457      DATE/TIME PERFORMED: Fri Mar 06 09:14:21 2015

	BACKGROUND CALBRTR ON		MULT	BACKGROUND CALBRTR ON		DIFF.
	(cts)	(cts)		(gAPI)	(gAPI)	(gAPI)
GR	75.60	394.40	0.604	45.66	238.20	192.54
						175.00 195.00

INSTRUMENT CONFIGURATION

Source File: C:\dat1a\095183\CBL-tdg.meta





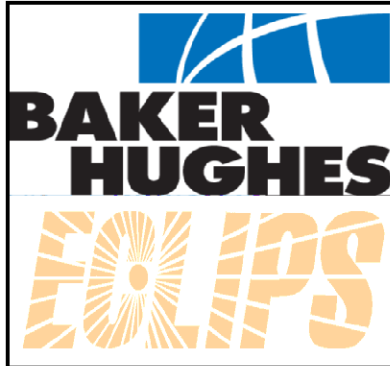
Measure Point: 1.21': NEU

NEU 1.40'

BULL PLUG 2 3/4

0.00'

TOTAL LENGTH: 21.50'  
TOTAL WEIGHT: 250 lbs  
MAX DIAMETER: 0'4.00"

	COMPANY	WPX ENERGY		FILE NO:	
	WELL	YOUBERG RU 543-7			CH095183
	FIELD	RULISON		API NO:	
	COUNTY	GARFIELD	STATE	COLORADO	05045225160000
LOCATION:		ELEVATIONS:		7 7S 93W	
SHL: 1162' FSL & 1181' FEL		KB 7943 FT		RU 44-7 PAD	
BHL: 1297' FSL & 754' FEL (NESE)		DF		NABORS 576	
GL 7917 FT		DATE		09-Mar-2015	
SEC 7 TWP 7S RGE 93W					