



FILE NO: CH107932	COMPANY WELL FIELD COUNTY	WPX ENERGY FEDERAL GM 542-8 GRAND VALLEY GARFIELD STATE COLORADO
API NO: 05045225340000		

Ver. 4.06 SEC. 8 T. 7S R. 96W PAD: MV 16-9 RIG: H&P 318	LOCATION: SHL:669'FNL&549'FWL, S9 T7S R96W BHL:2378'FNL&306'FEL, S8 T7S R96W SEC 8 TWP 7S RGE 96W	OTHER SERVICES RPM
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PERMANENT DATUM LOG MEASURED FROM DRILL. MEAS. FROM	GL. ELEVATION 6087 FT K.B. 24 FT ABOVE P.D. K.B.	ELEVATIONS: KB 6111 FT DF GL 6087 FT
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DATE	19-Jun-2016
RUN	1
TRIP	1
SERVICE ORDER	US107932
DEPTH DRILLER	6922 FT
DEPTH LOGGER	6870 FT
BOTTOM LOGGED INTERVAL	6868 FT
TOP LOGGED INTERVAL	24 FT
TIME STARTED	17:00
TIME FINISHED	19:00
OPERATOR RIG TIME	2 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	48 FT
LOGGED CEMENT TOP	SEE LOG
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	100 F/MN
MAX. RECORDED TEMP.	206 DEGF
REFERENCE LOG	NA
REFERENCE LOG DATE	NA
EQUIP. NO.	HL-6685
LOCATION	GRAND JCT.
RECORDED BY	SPENCER
WITNESSED BY	T.RAGSDALE

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
8.75 IN	1662 FT	6961 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
4.5 IN	11.6 LB/F		24 FT	6860 FT

### REMARKS

RUN 1 TRIP 1: ALL DATA ON THIS LOG HAS BEEN DEPTH SHIFTED TO PUT THE TOP CCL MARK (WELLHEAD) ON DEPTH WITH GL ELEVATION WITH RESPECT TO KB HEIGHT.  
AMOUNT OF LINEAR SHIFT IS +12.75 FEET

LOGGED WITH 0 PSI AT SURFACE

SJ = 3760' - 3782'  
BHT = 206 DEGF

THANKS FOR CHOOSING BAKER HUGHES WIRELINE  
CREW: QUIGLEY / OLSON

### EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
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RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	RAL	1426XA	10417452	CENTRALIZED
1	1	GR / CCL	1355XA	11871510	CENTRALIZED

## PRIMARY PRESENTATION 0 PSI

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

Updates: 1,36 Patches: 9

Plotted: Sun Jun 19 19:15:36 2016

### PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH107932/n012g02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 16.000 ft BOTTOM DEPTH: 6866.721 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*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	169	us	"	"
	TT WINDOW LENGTH	444	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-66	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	117	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

### CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jun 19 17:40:04 2016	CASING COLLAR LOCATOR
F1:FAMPN	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 19 17:40:04 2016	FAR WAVE FORM
F1:GR	Jun 19 17:40:04 2016	GAMMA RAY
F1:TTN	Jun 19 17:40:04 2016	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

### CURVE MEASURE POINT OFFSET

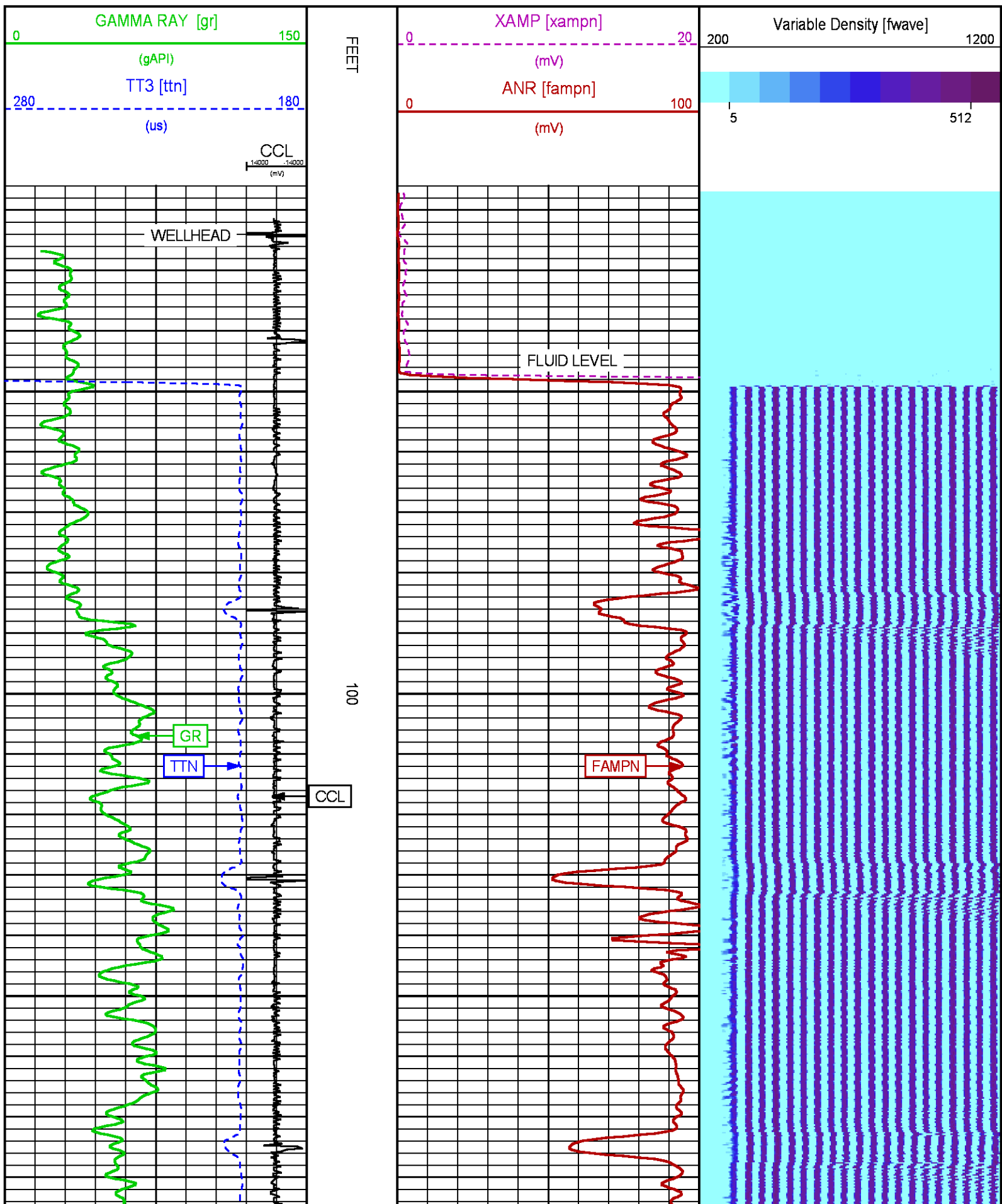
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	5.75	GR	1.75	XAMPN	11.25		
FAMPN	11.25	TTN	11.25				

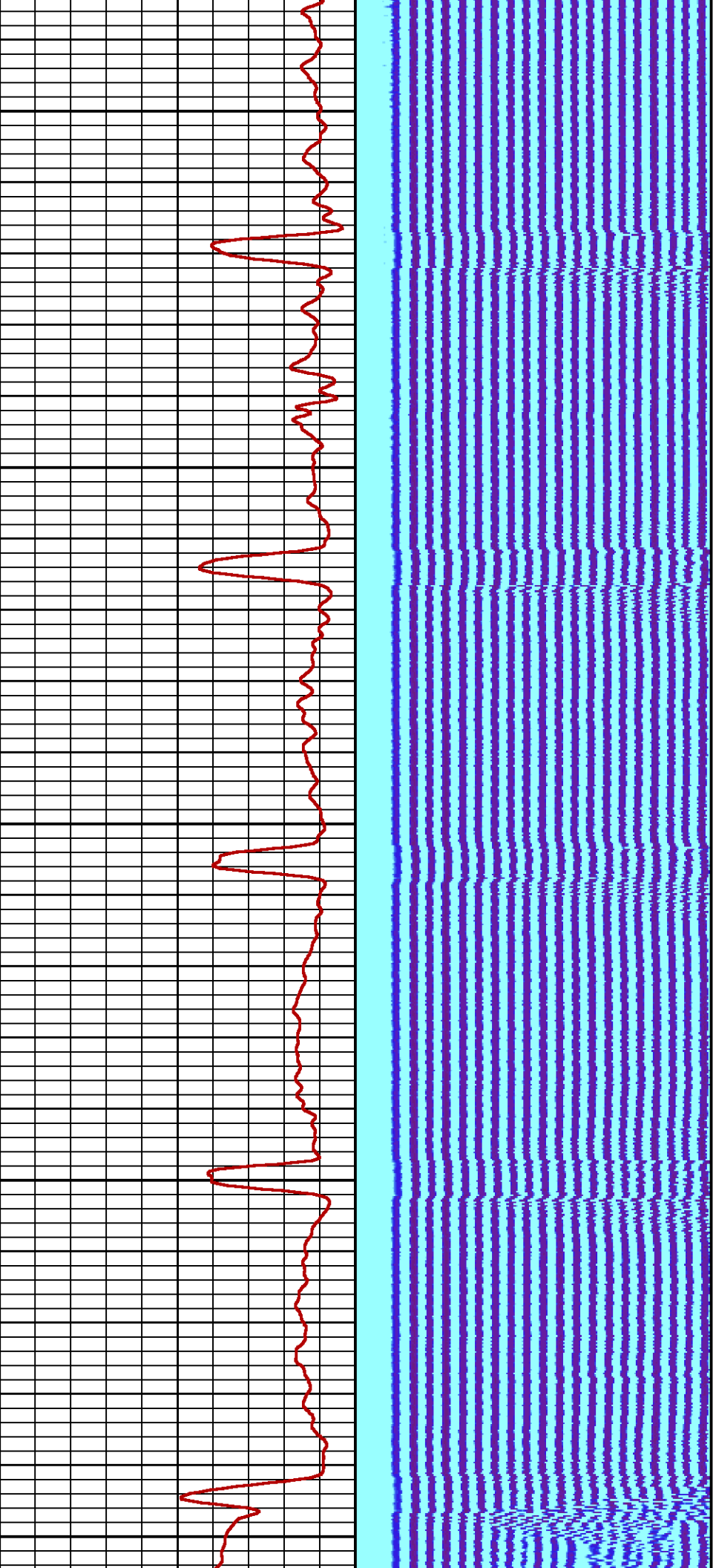
Presentation : cas6685:/dat1a/CH107932/WPX\_ral\_cbl-MAIN.fvpdf [5"/100' Scale]

Plot Interval : 17 - 6876.5 Feet

Data File 1 : F1 : cas6685:C:\Users\cnpsonies\Documents\VDIS\Label\WPX\GM542\_8\CH107932

Data File : F:\Cas0005\Users\spenjos\Documents\WDISJobs\WPX\GM542-8\CH107932  
Created On : 04/20/2017 17:40:04 2016  
Company : WPX ENERGY  
Well : FEDERAL GM 542-8  
Field : GRAND VALLEY  
File Interval : 4.75 - 6878 Feet  
OCT : n012g

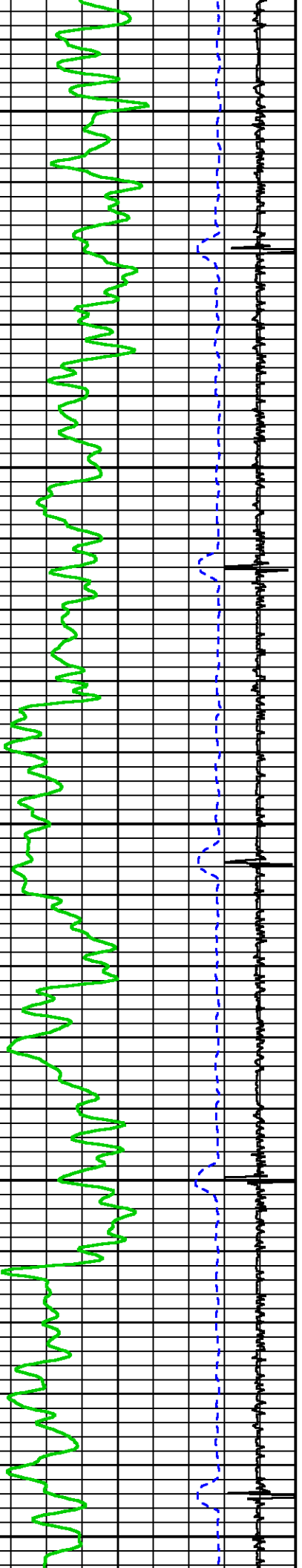


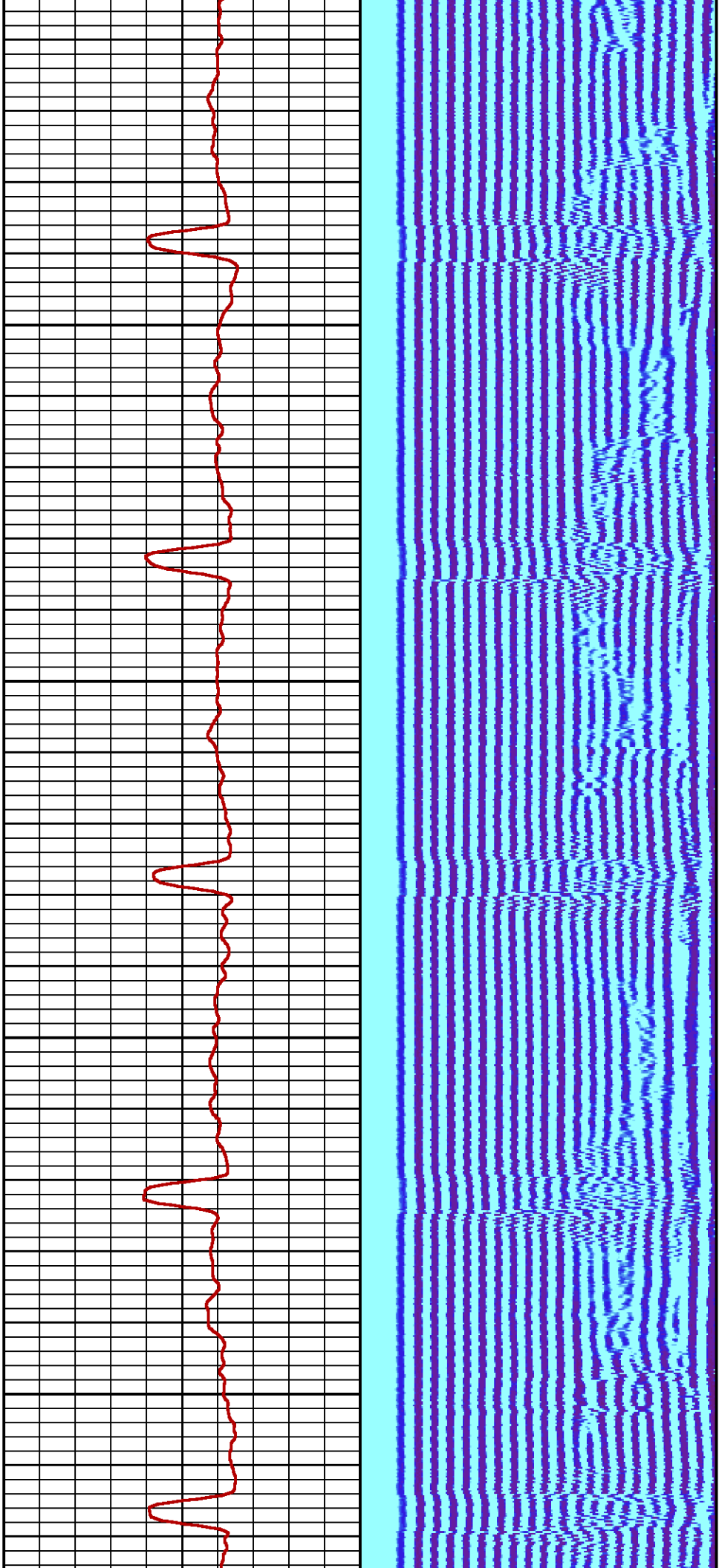


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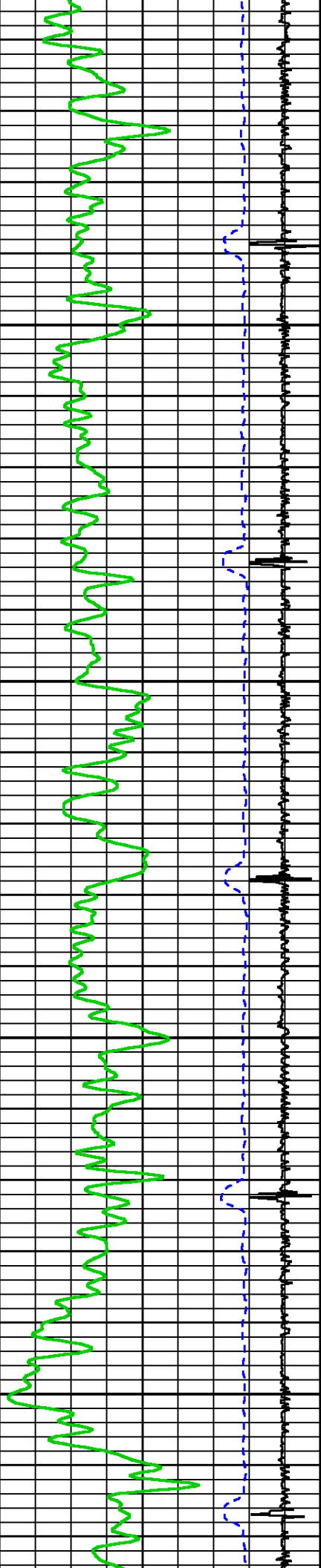
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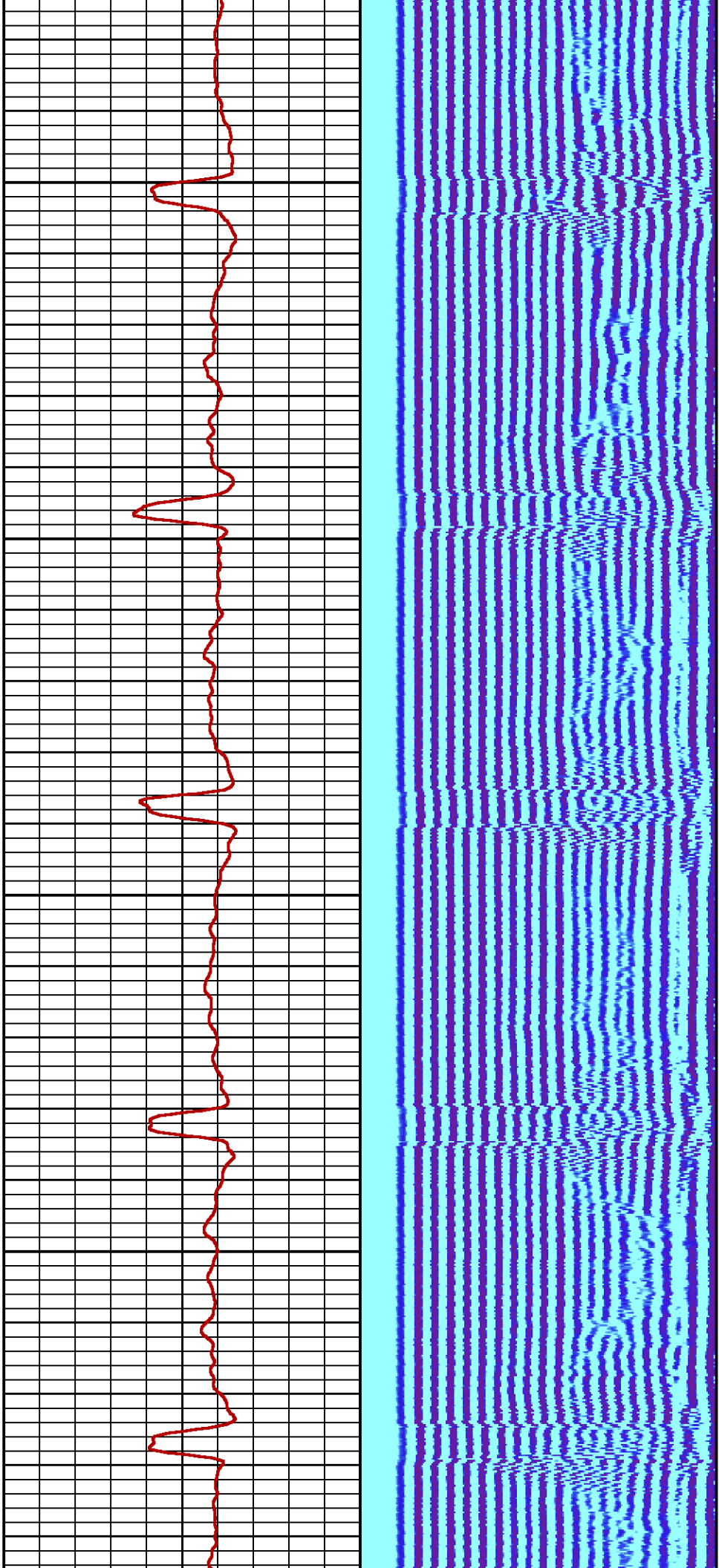


500

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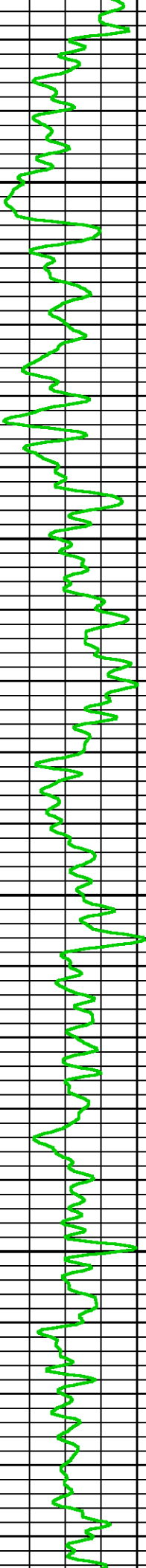
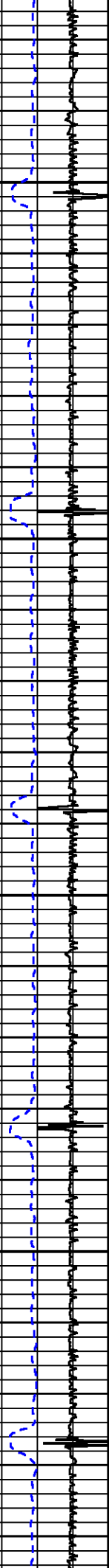


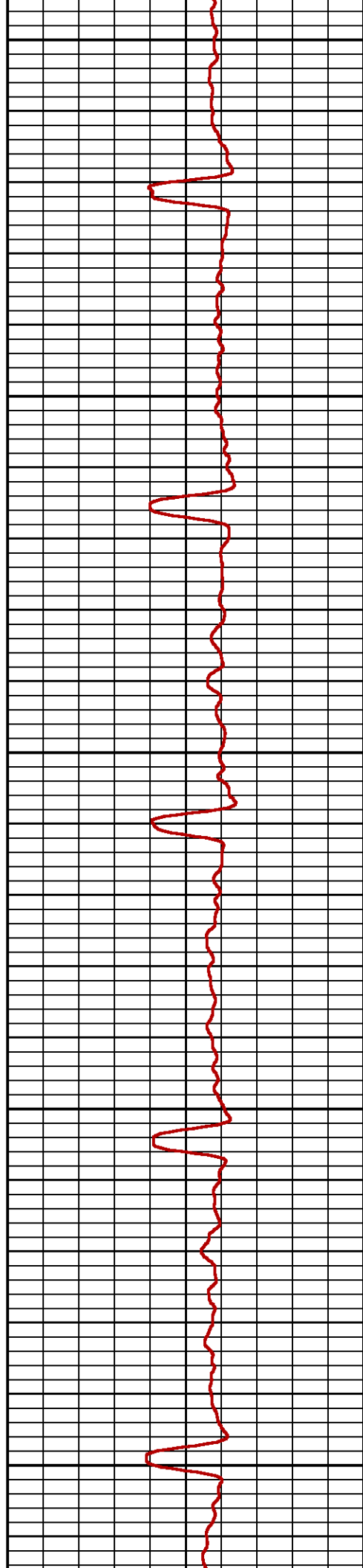
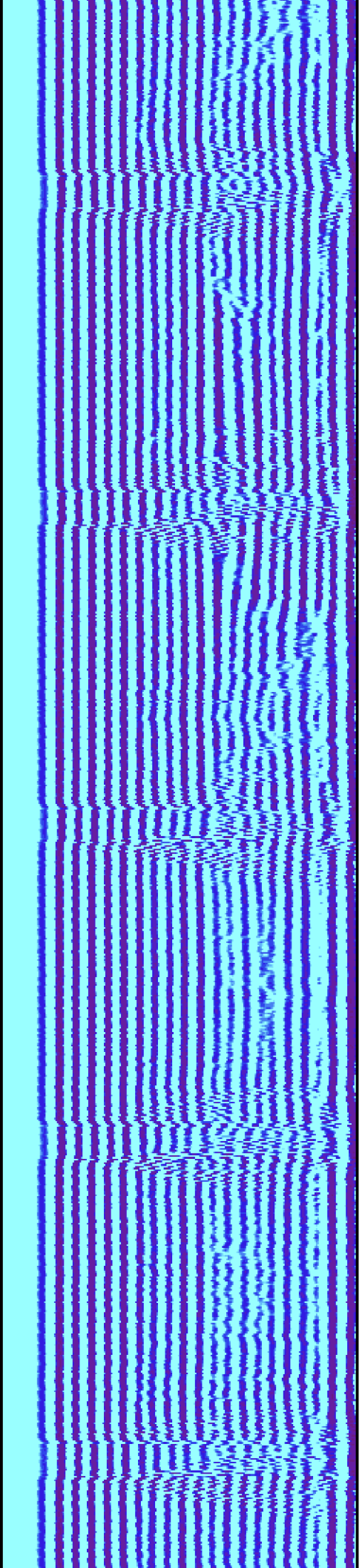




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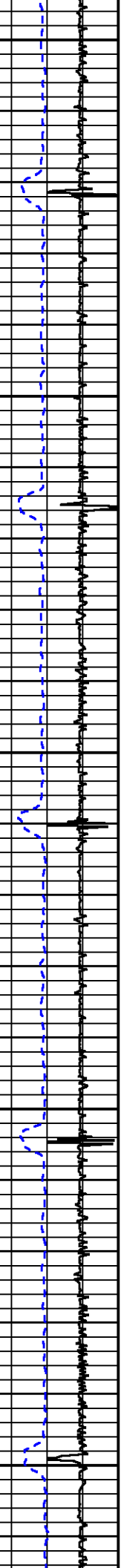
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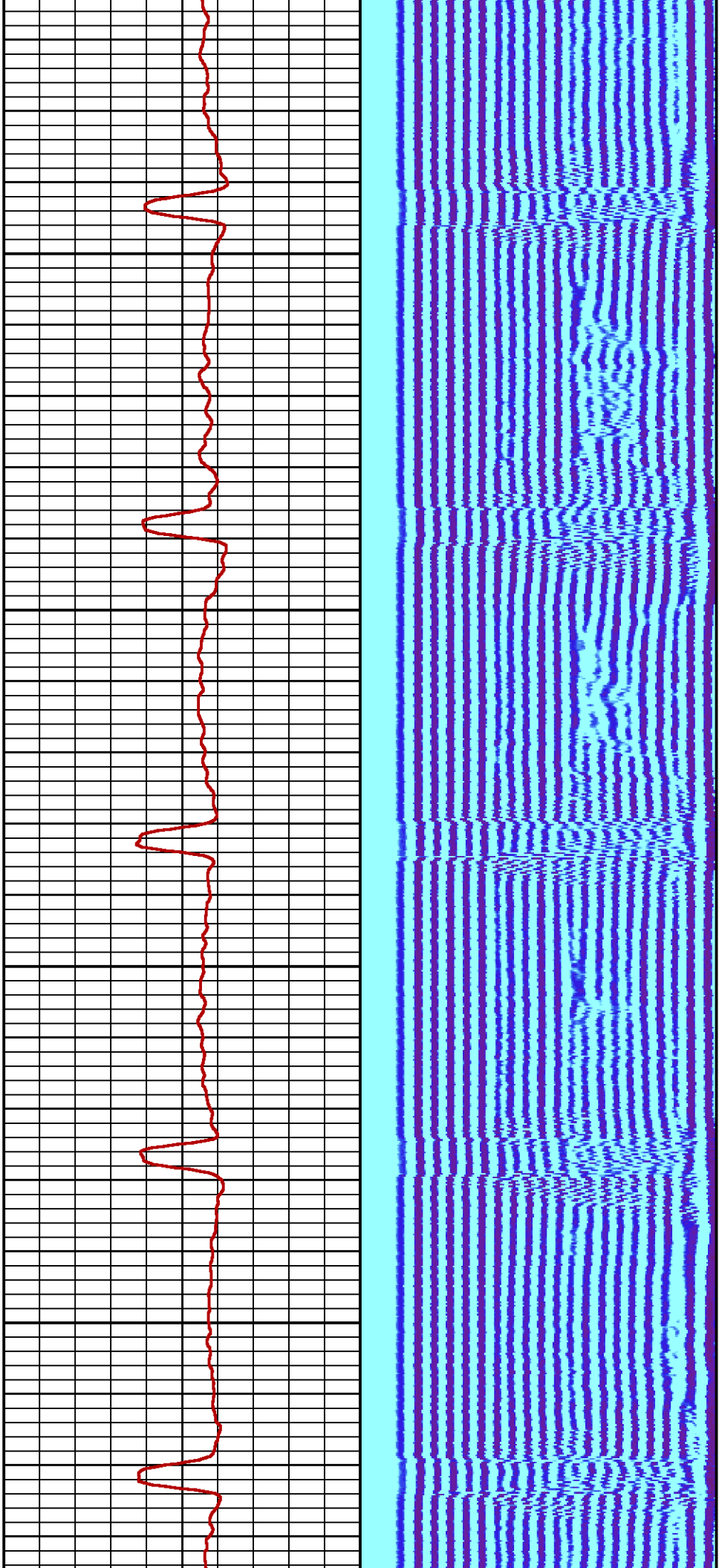




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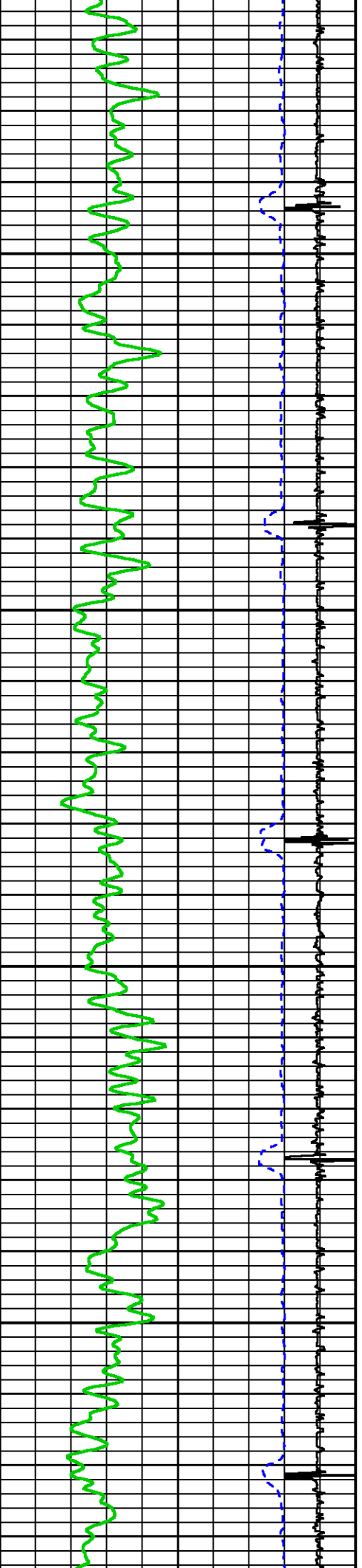
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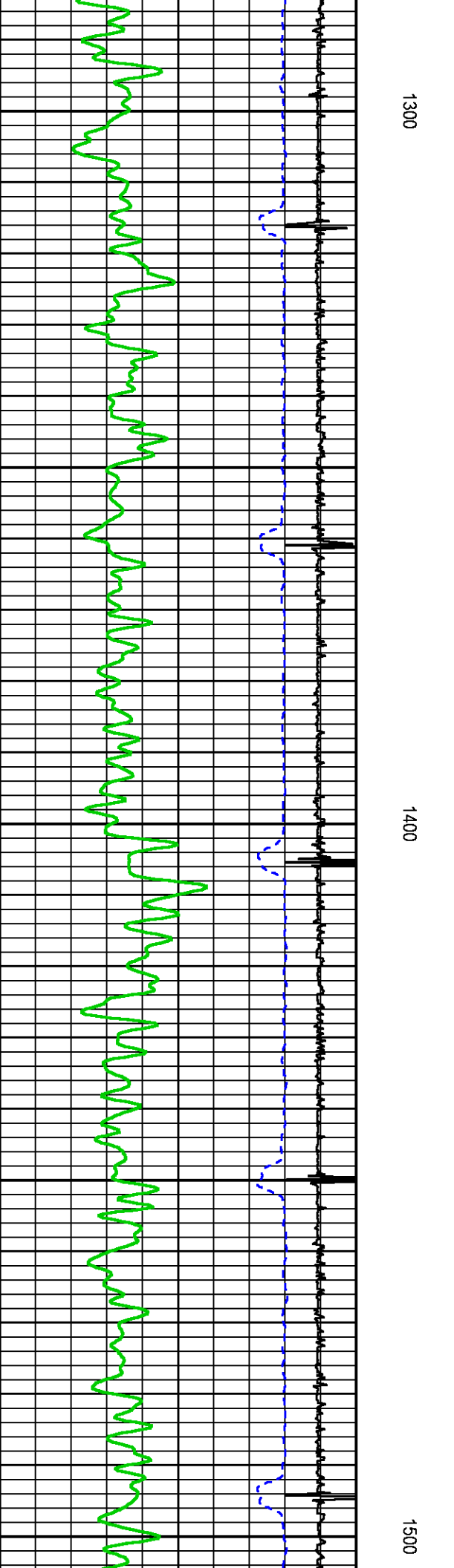
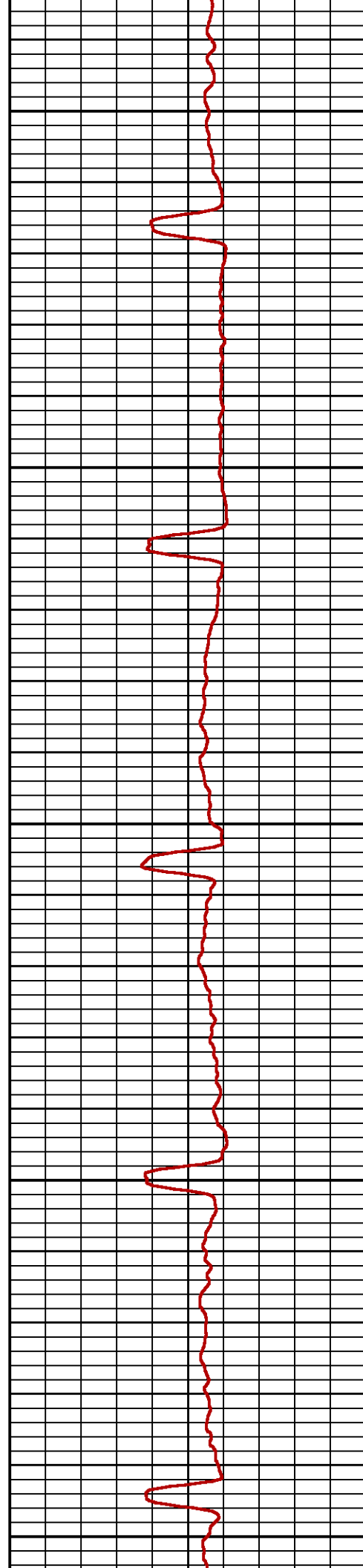
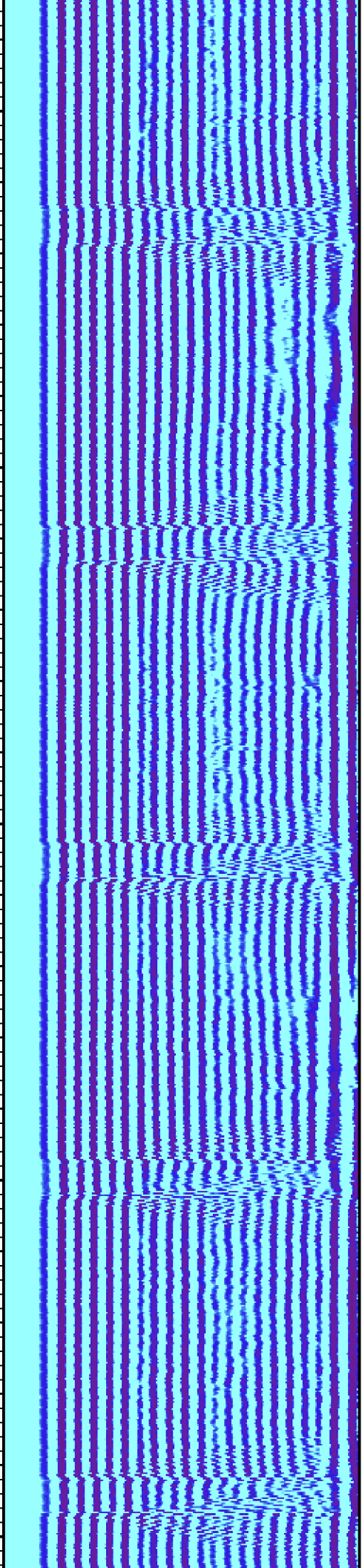


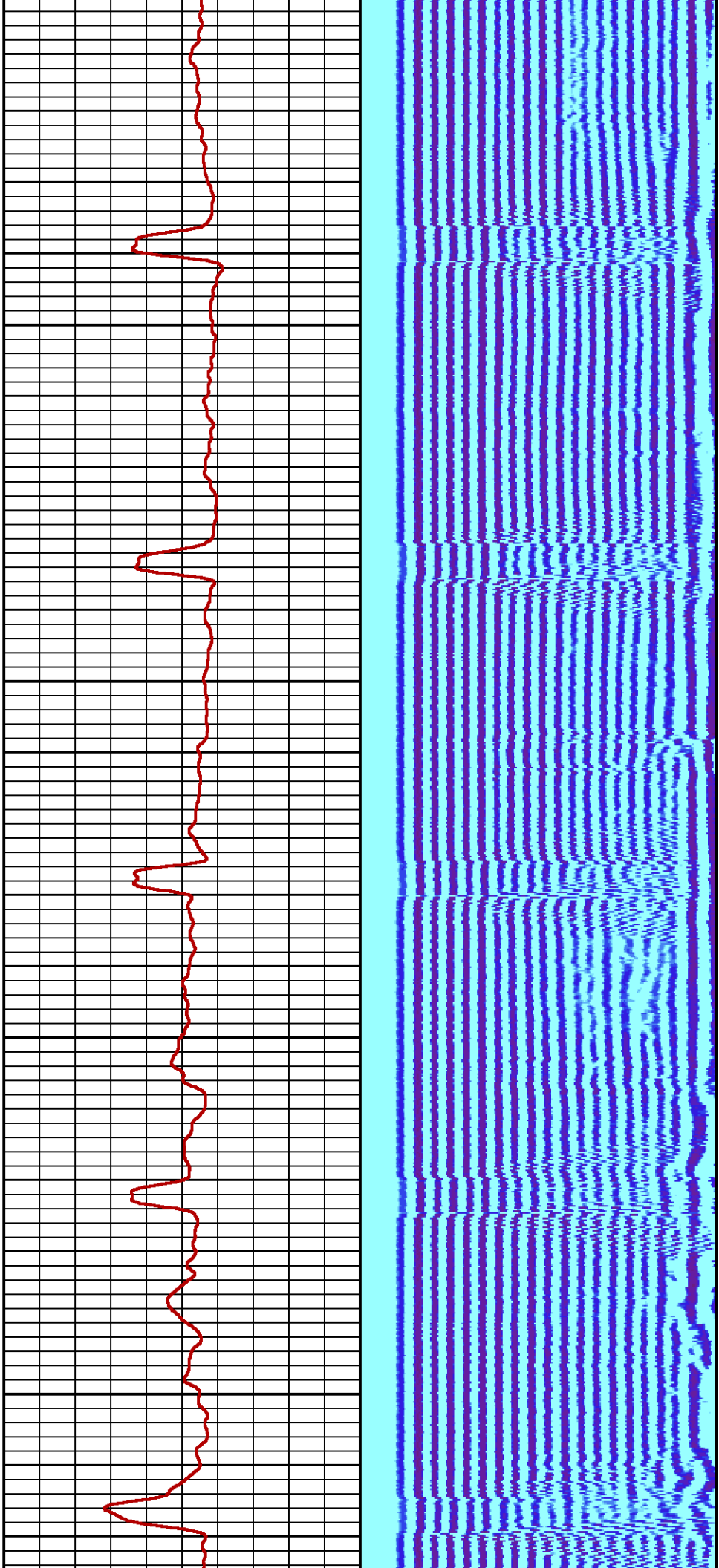
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1200



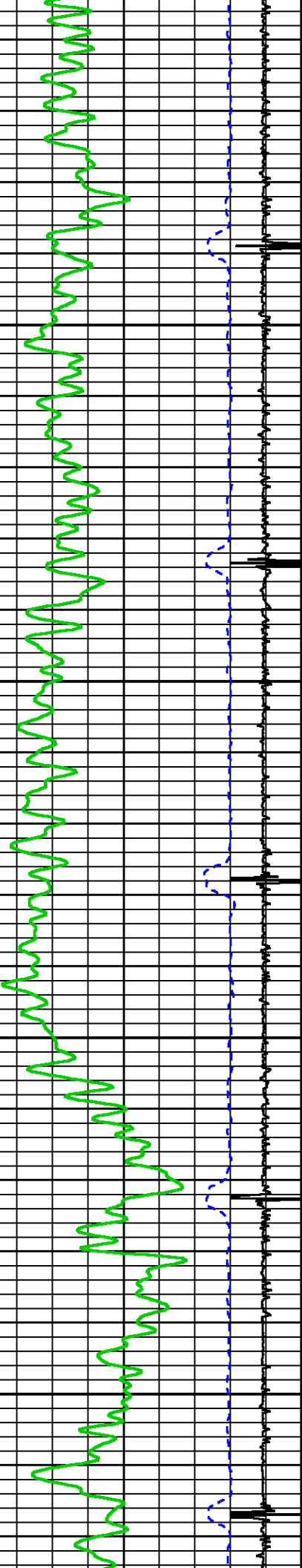


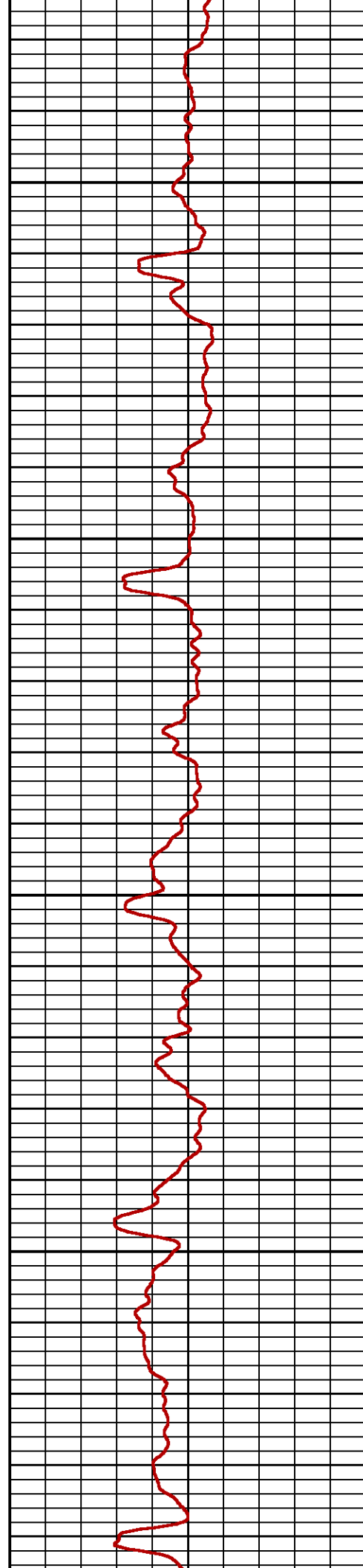
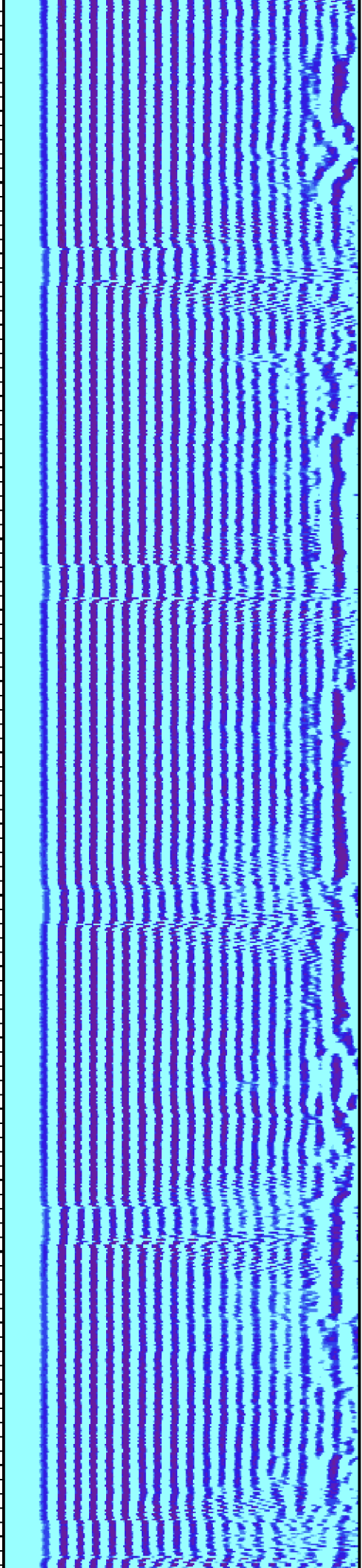




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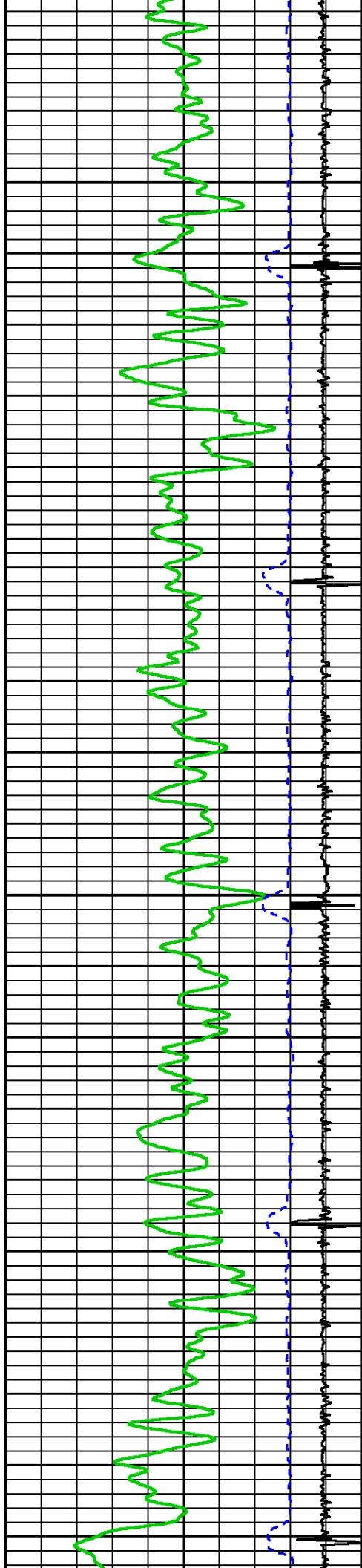
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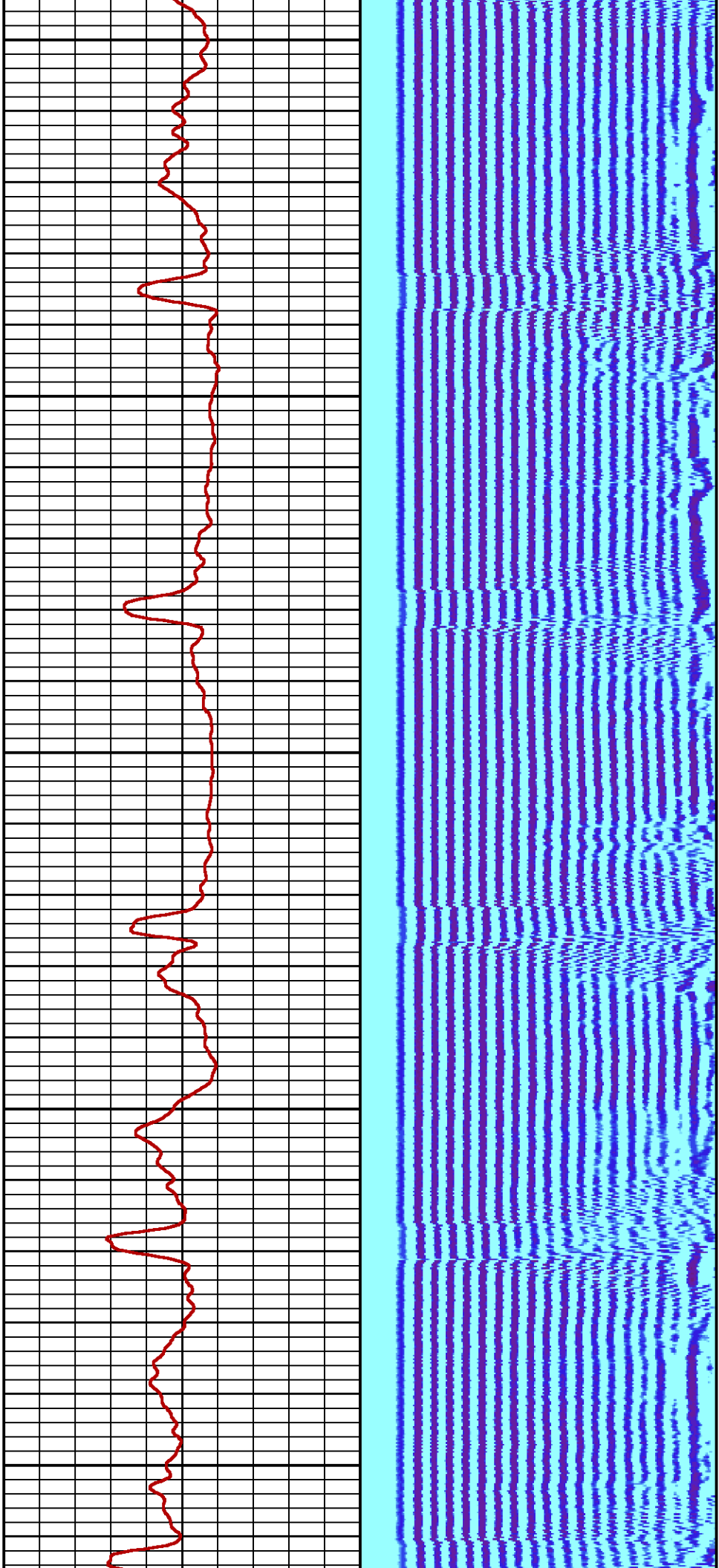


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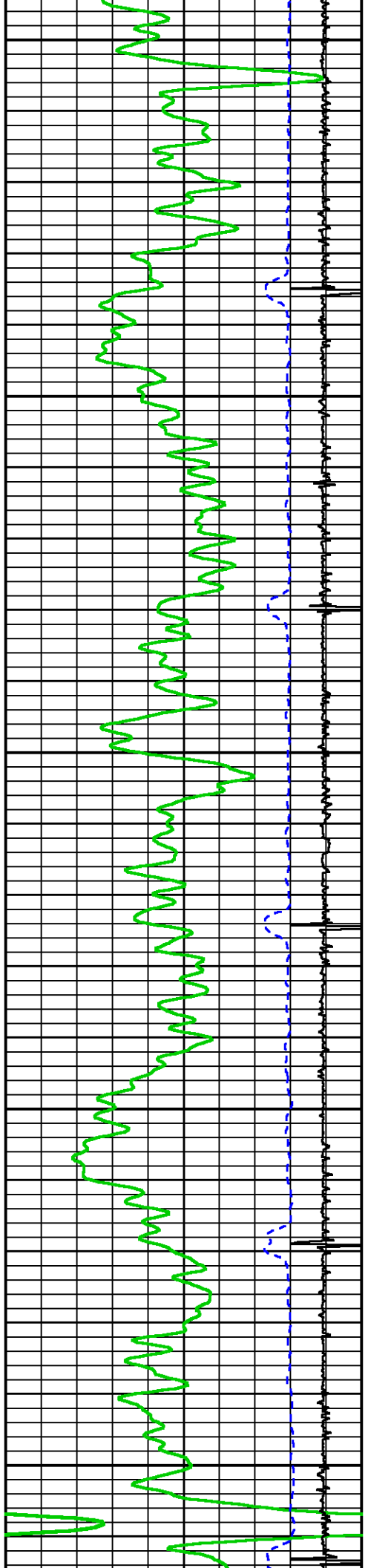




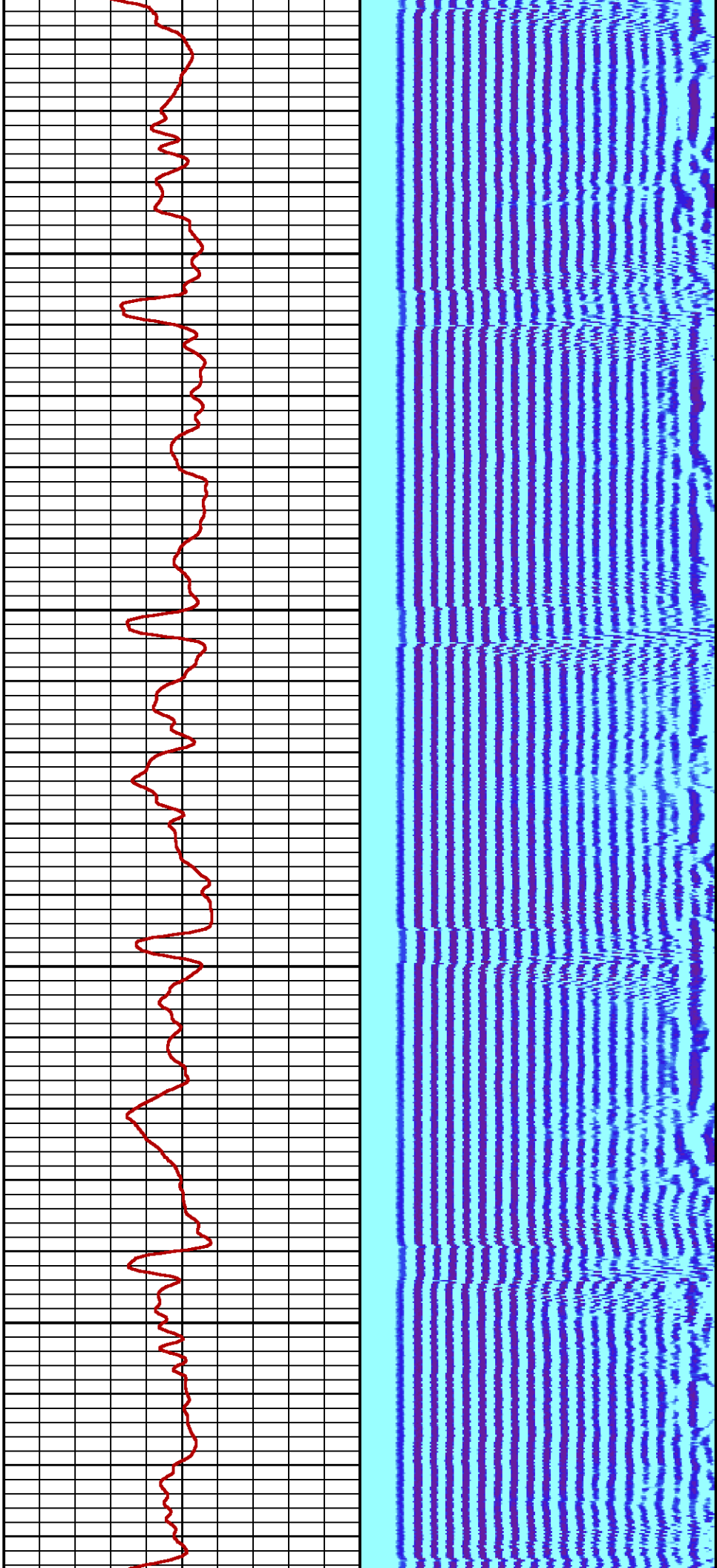


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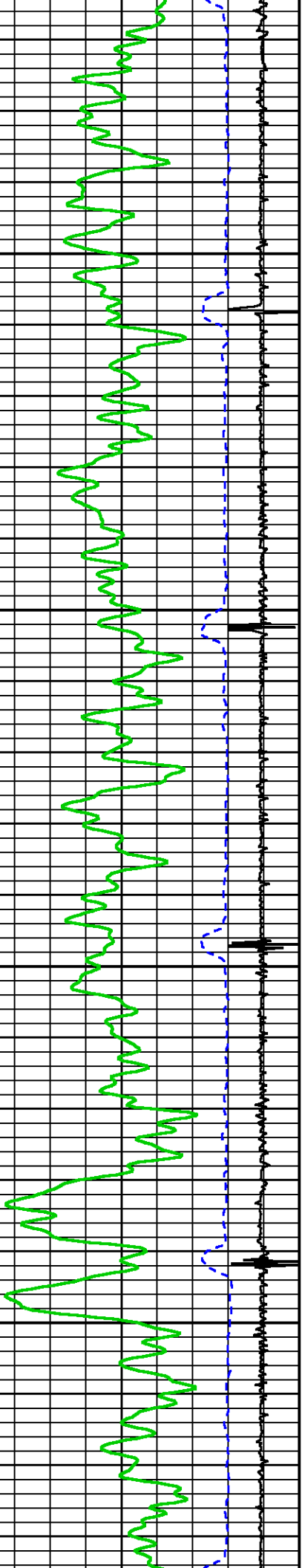


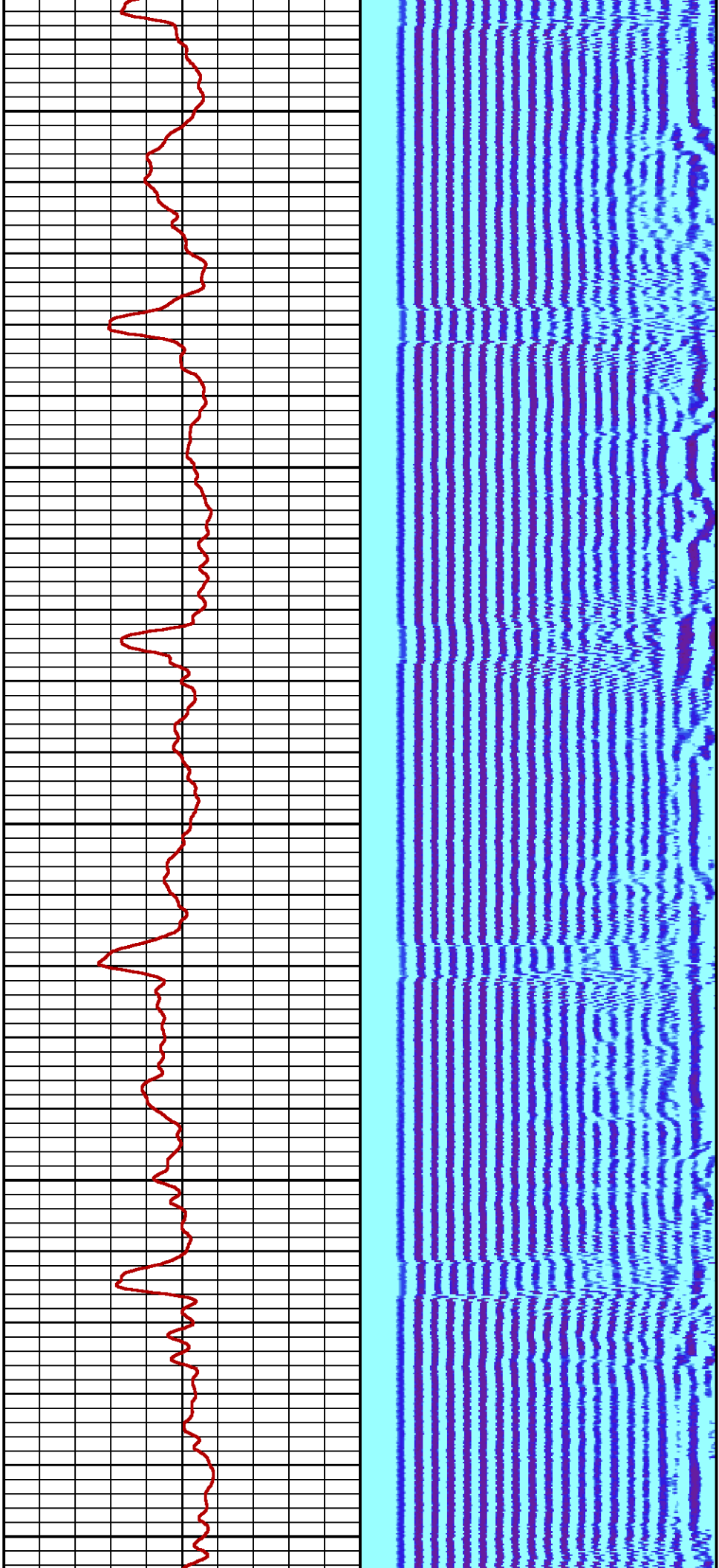




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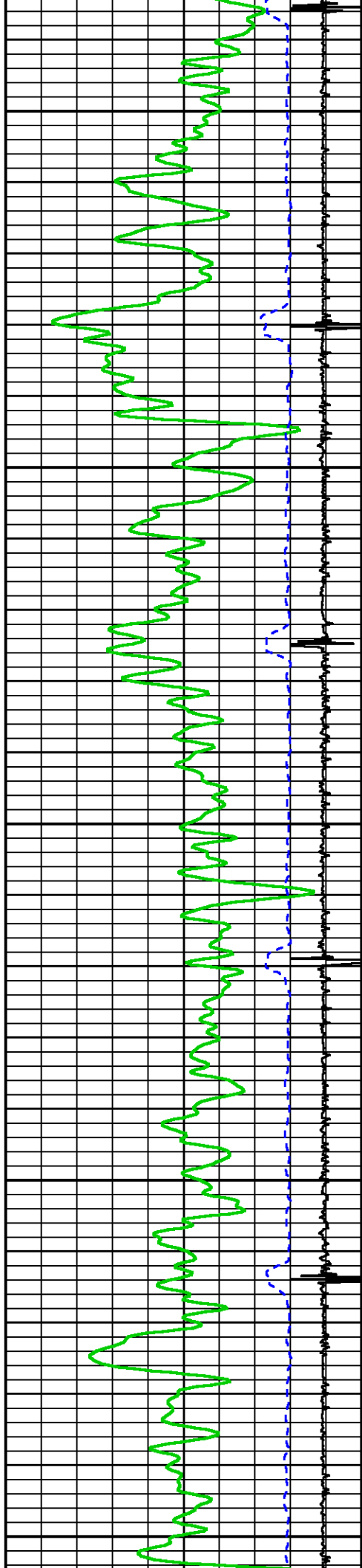


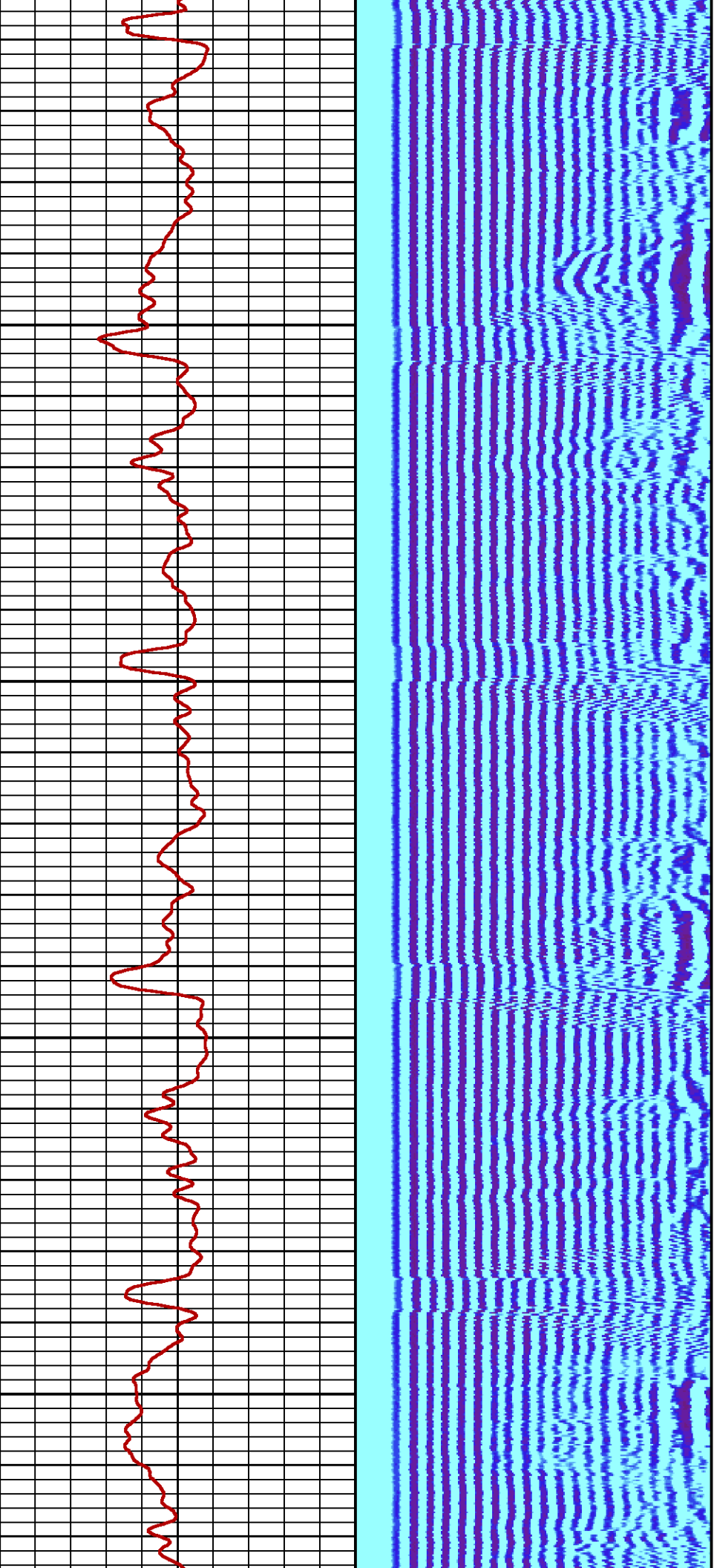


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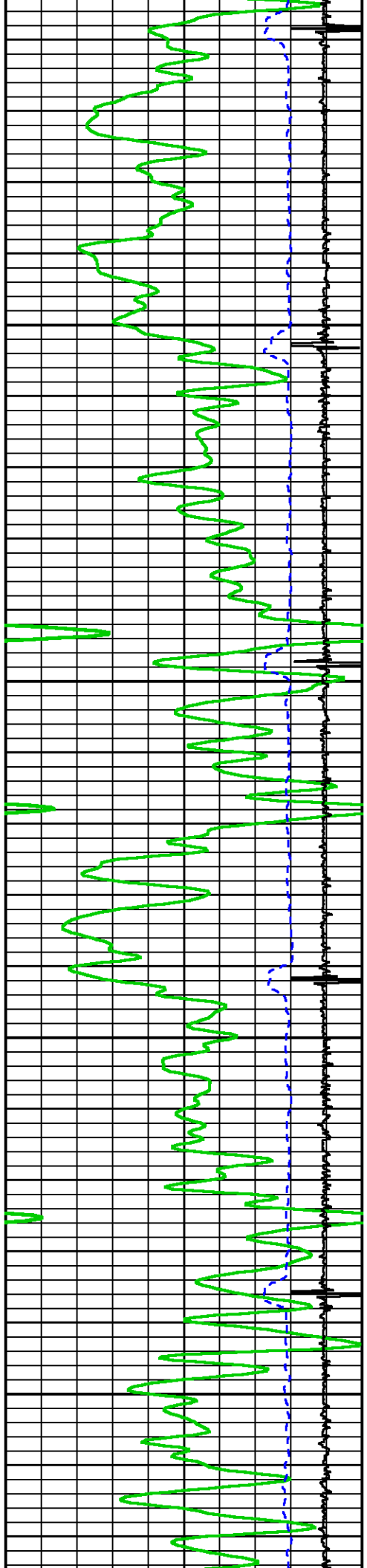
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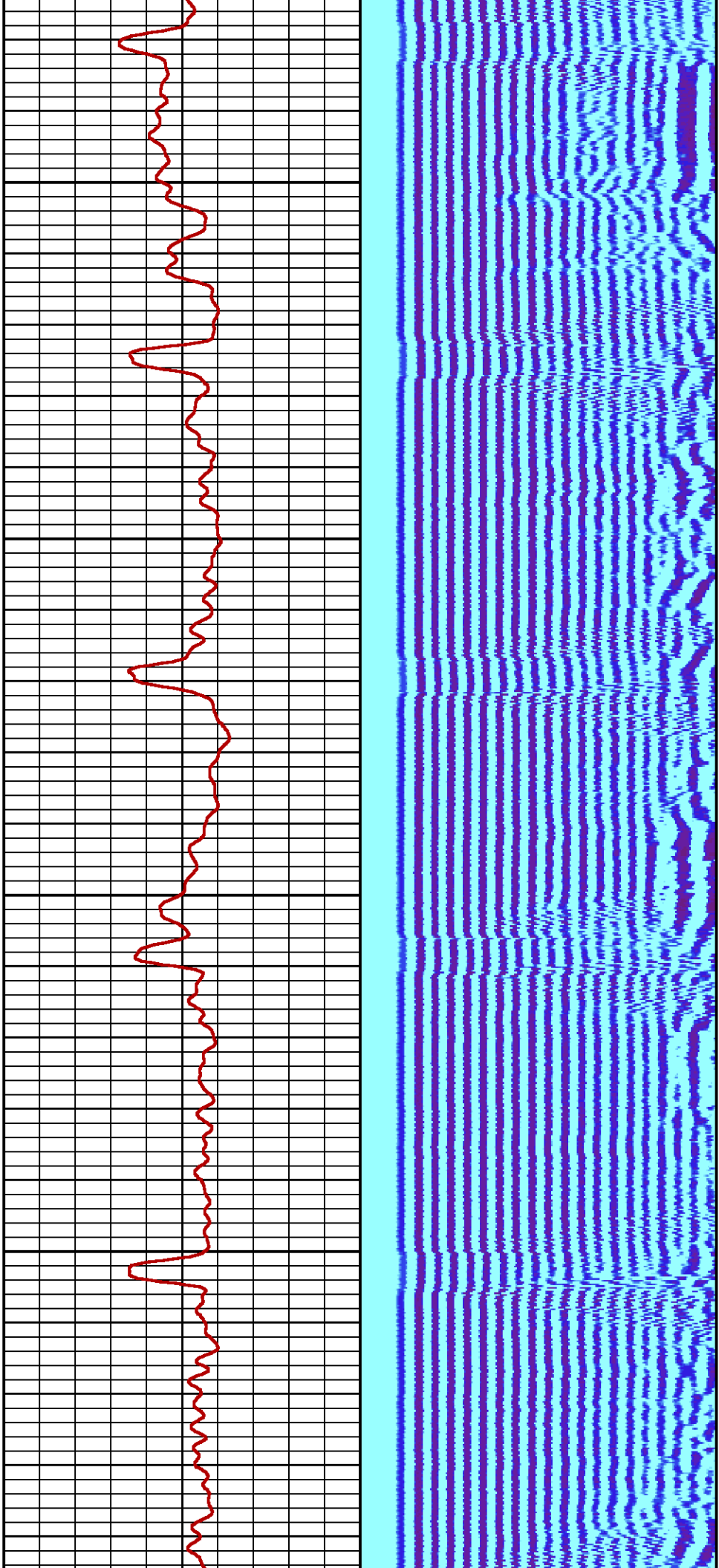


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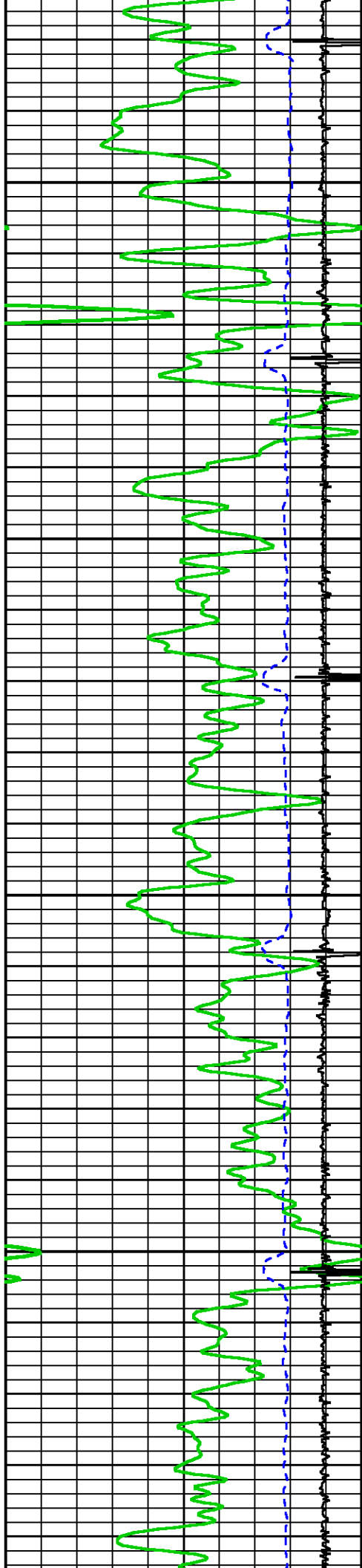




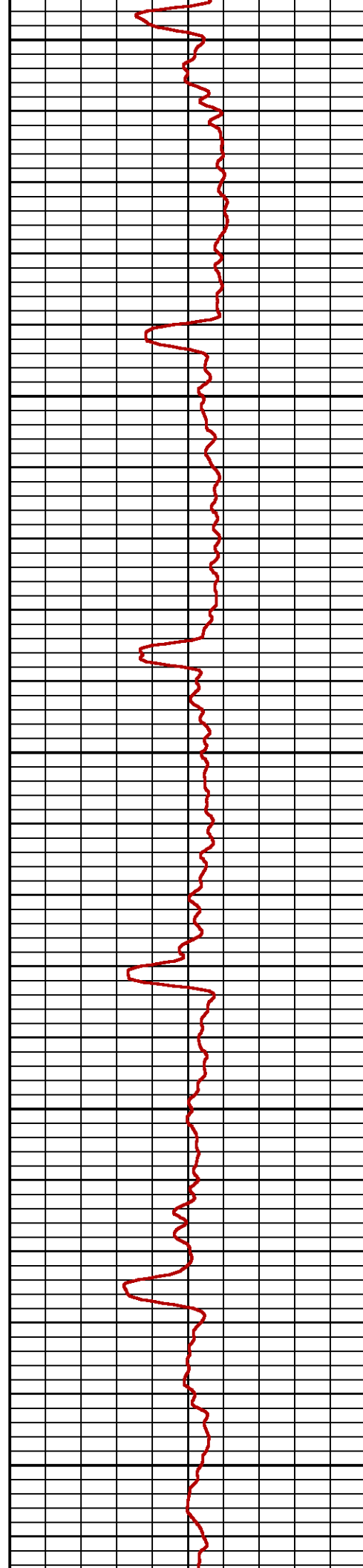
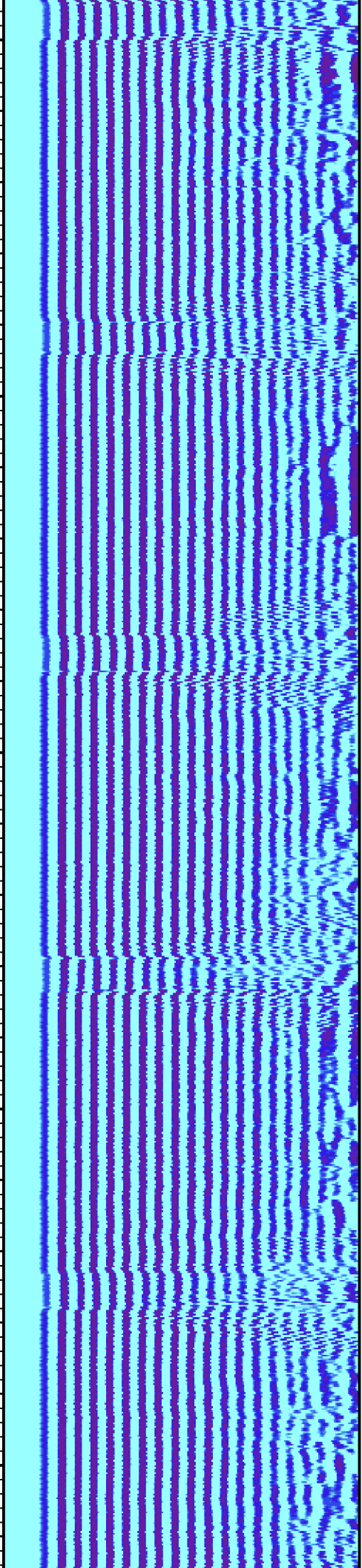


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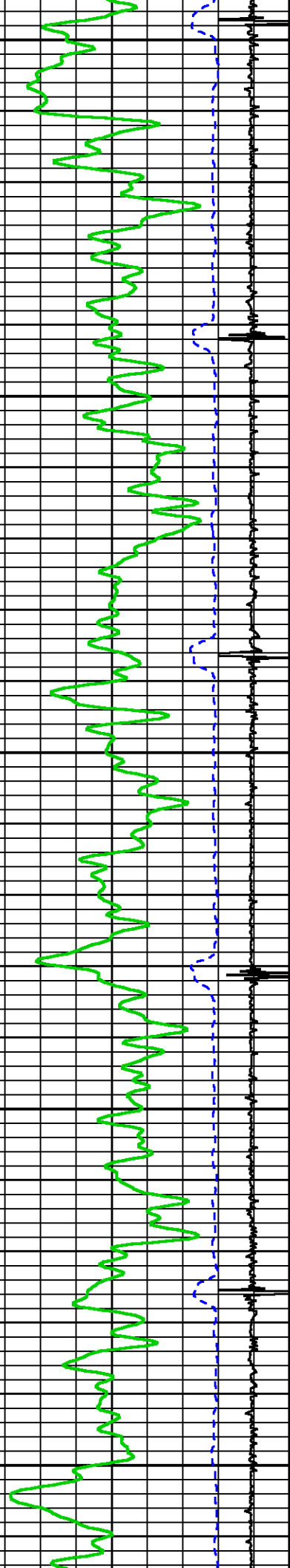


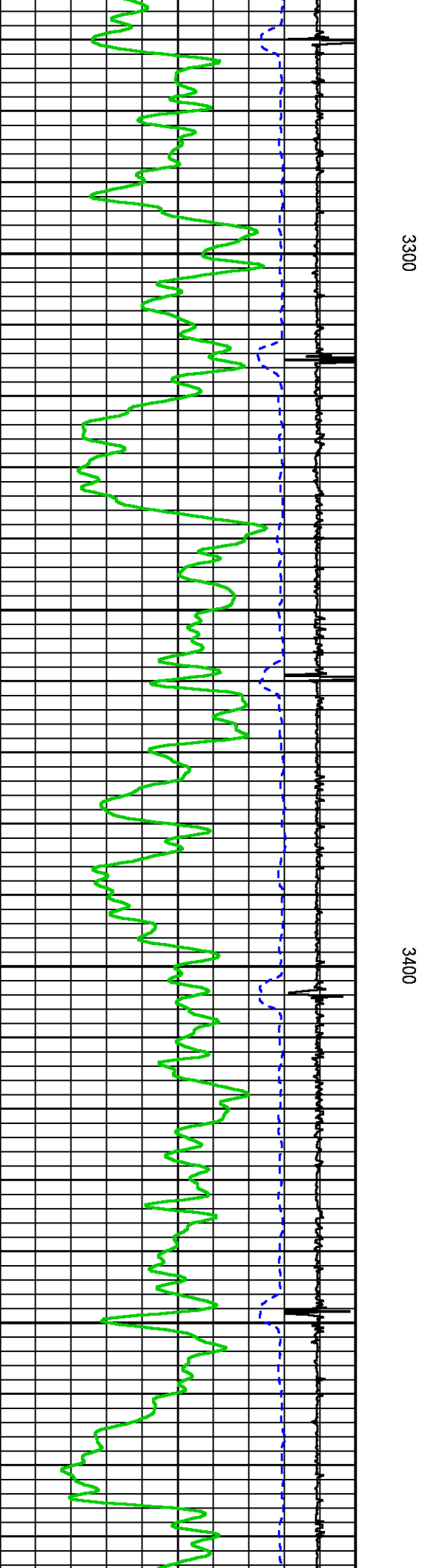
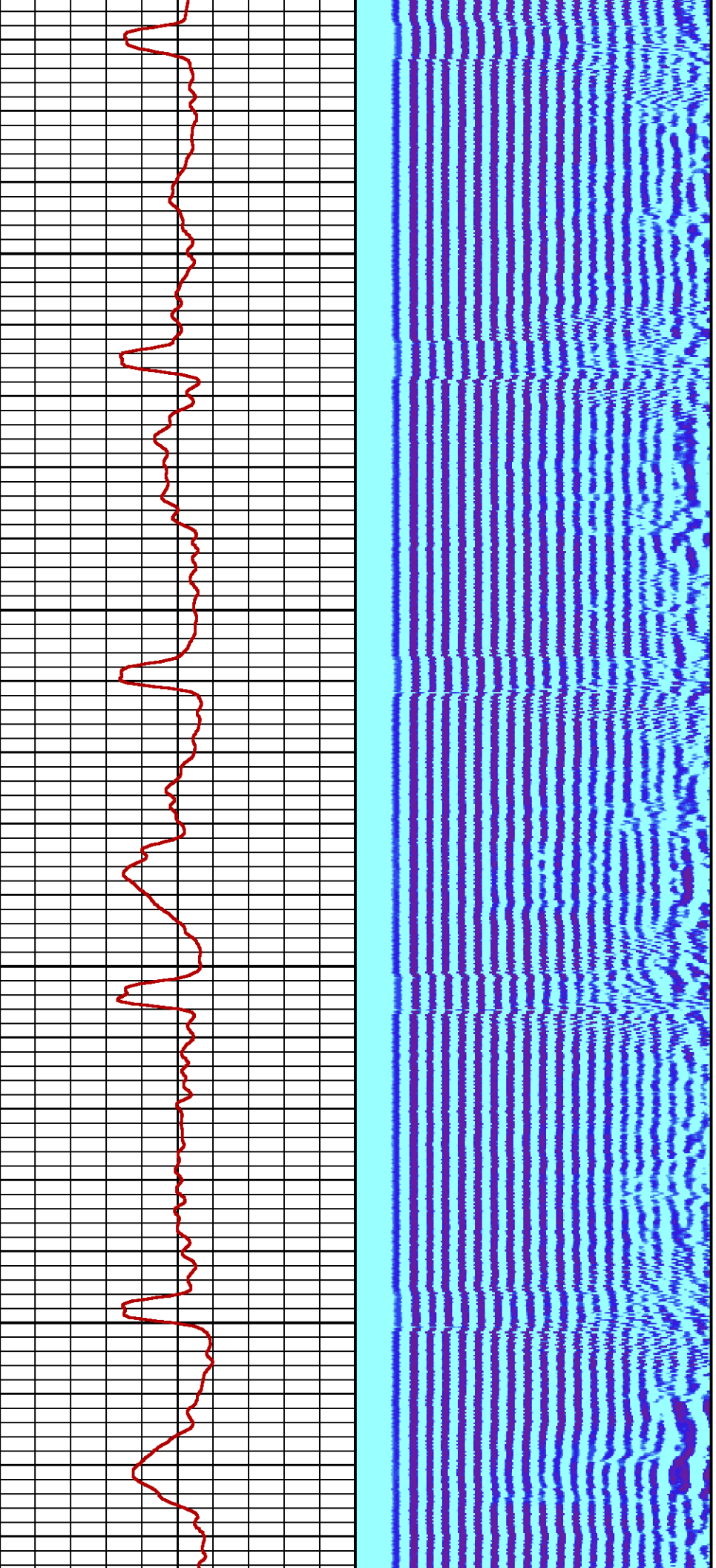


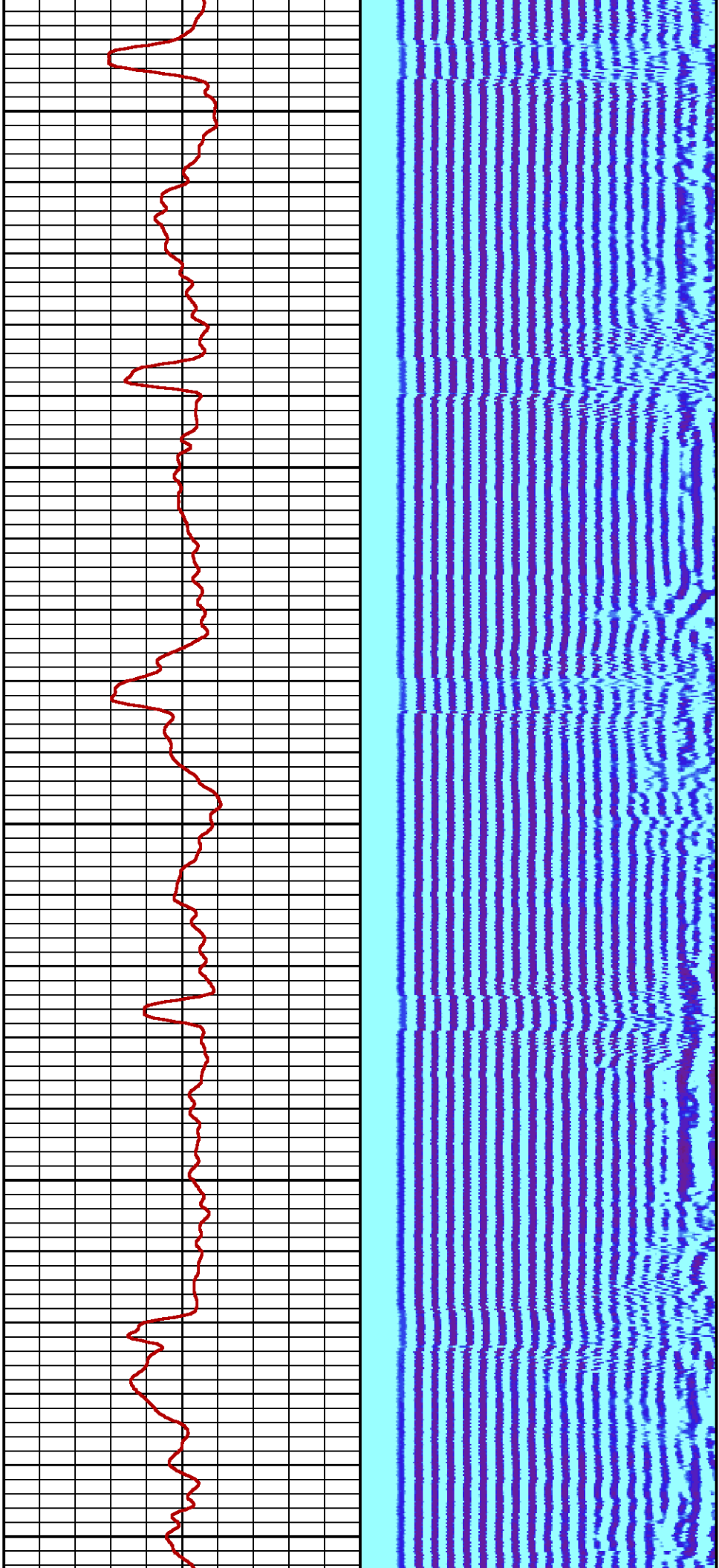


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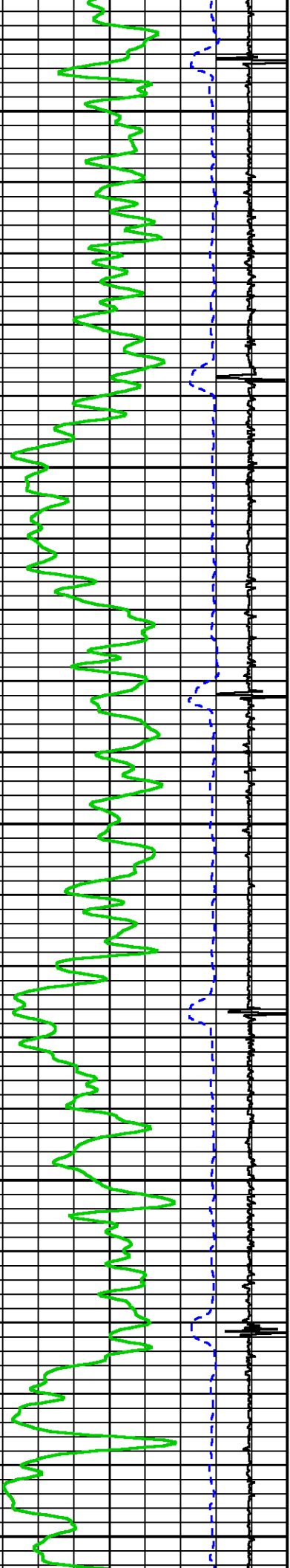




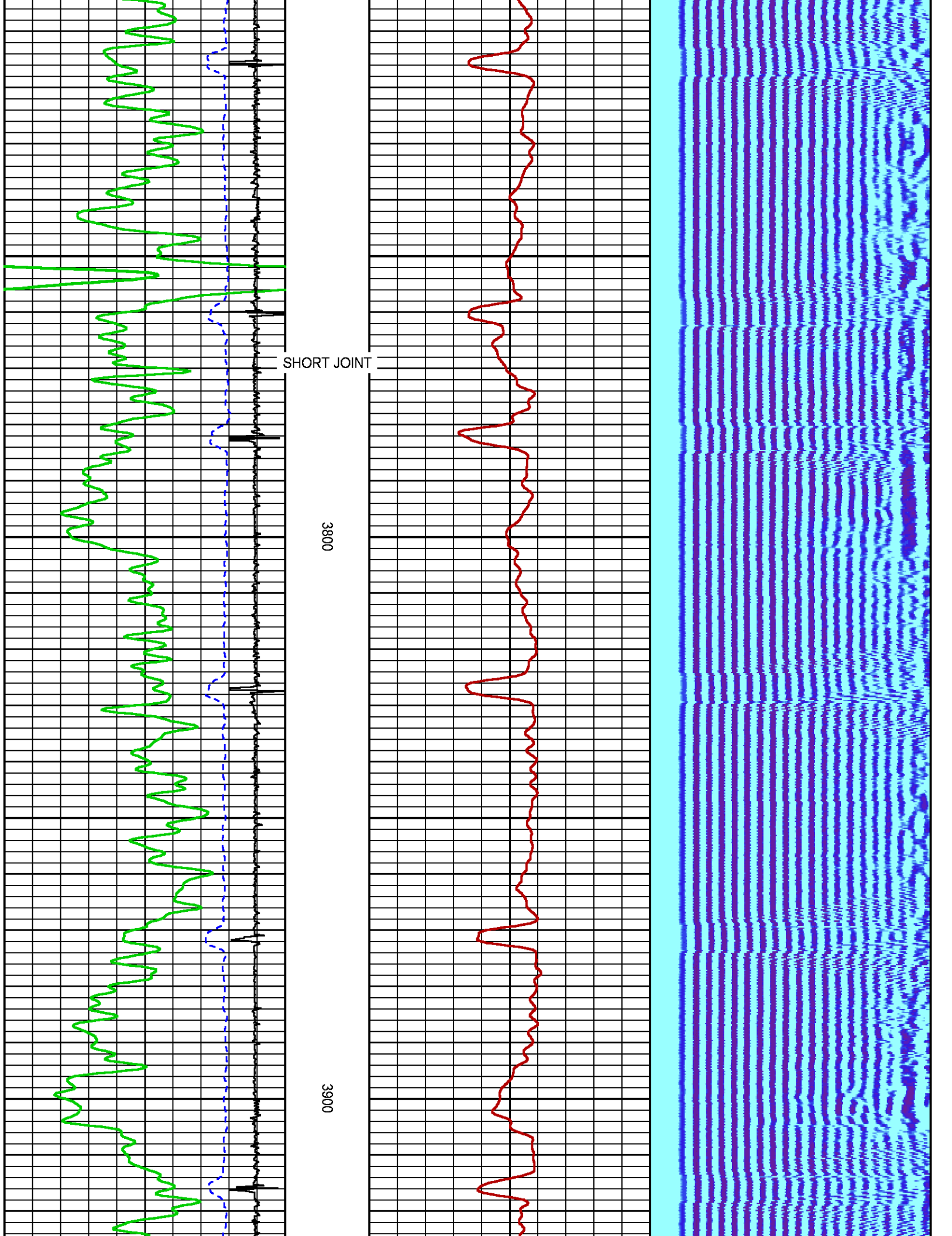
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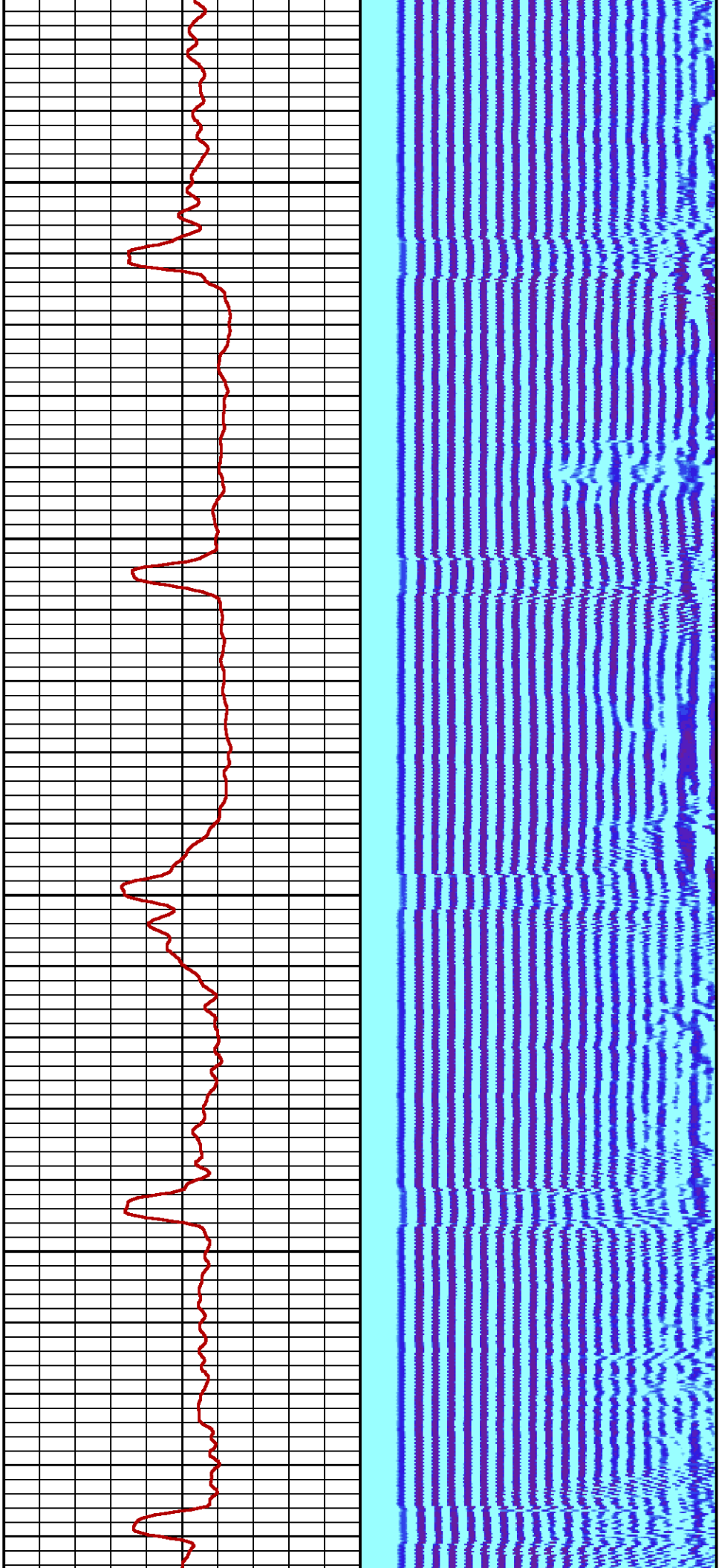
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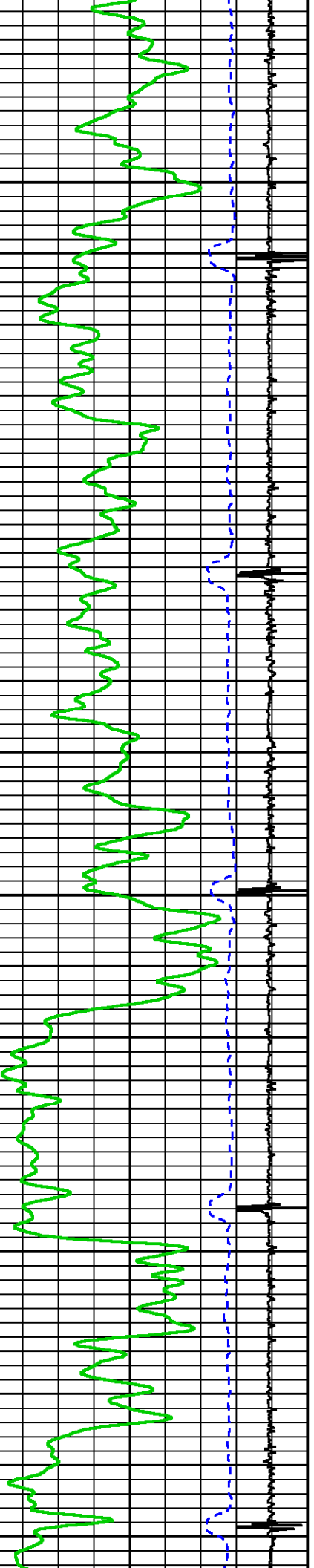


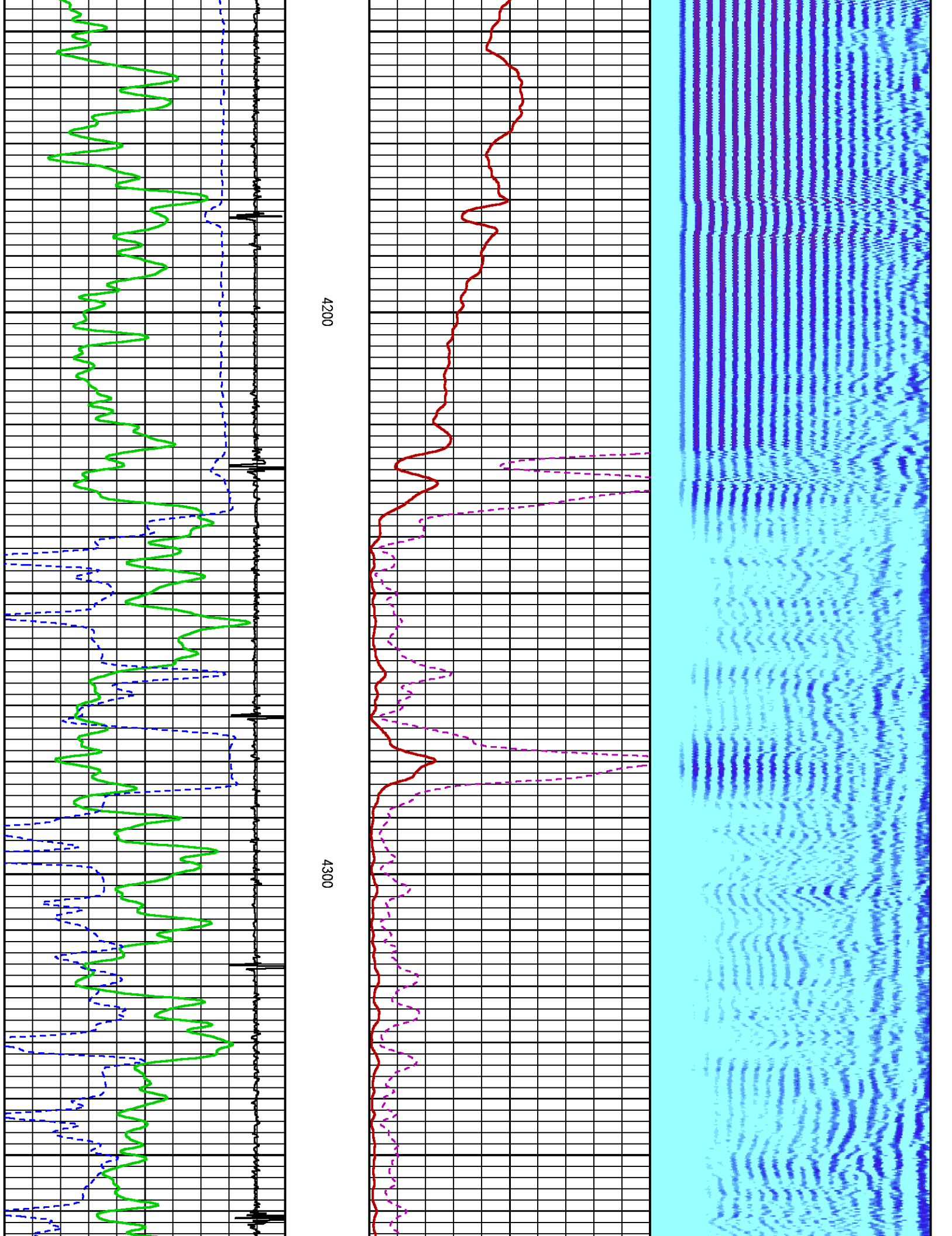


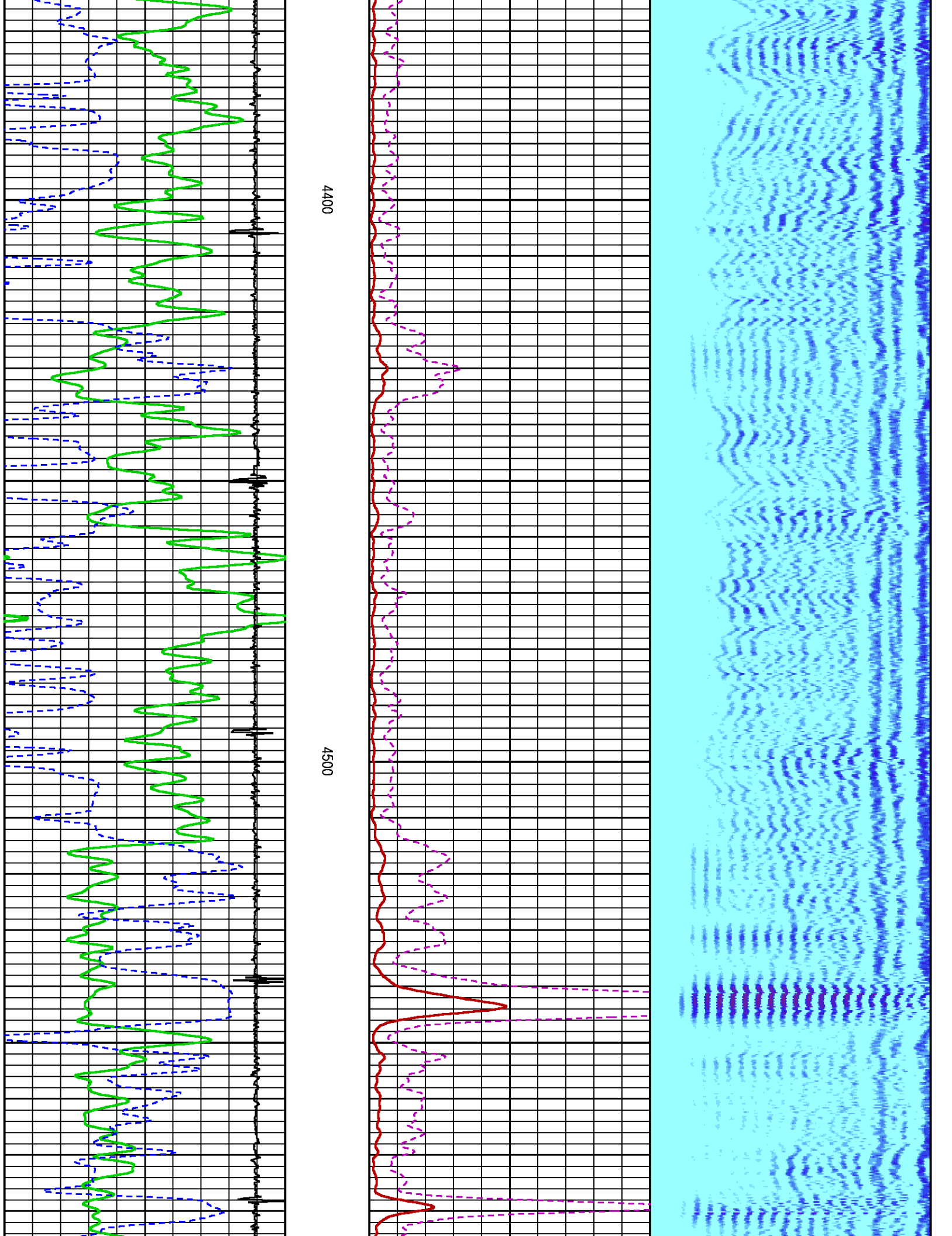


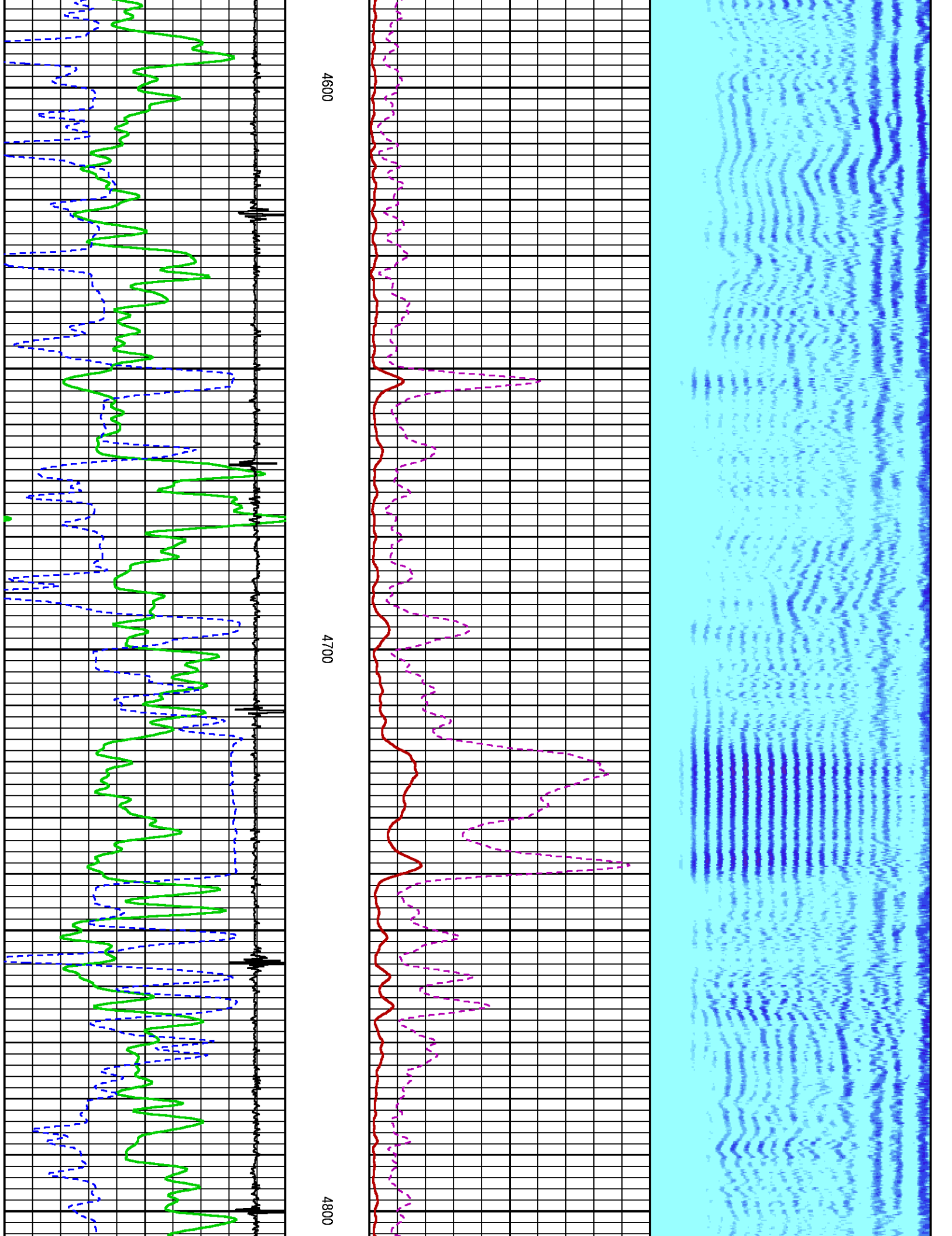
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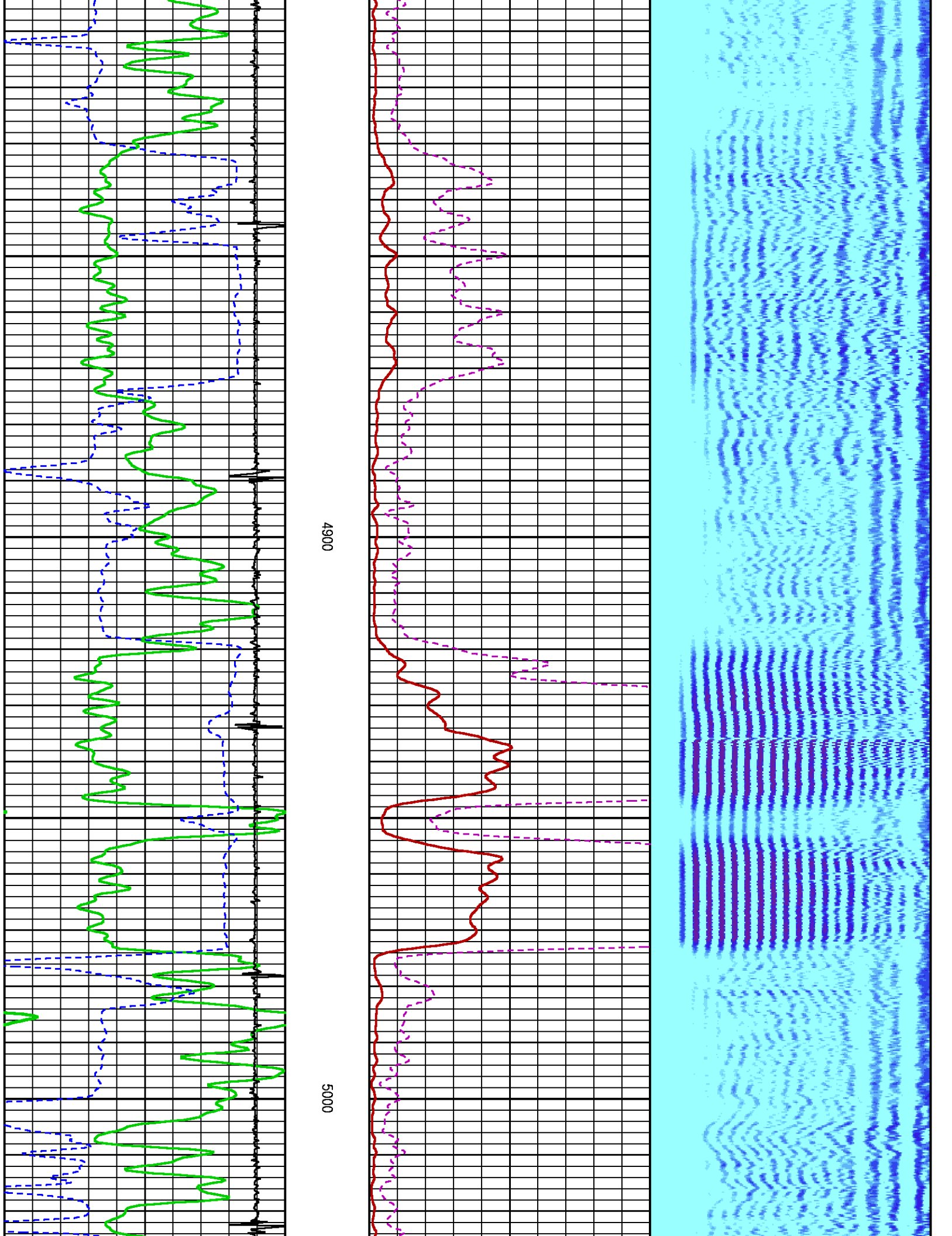


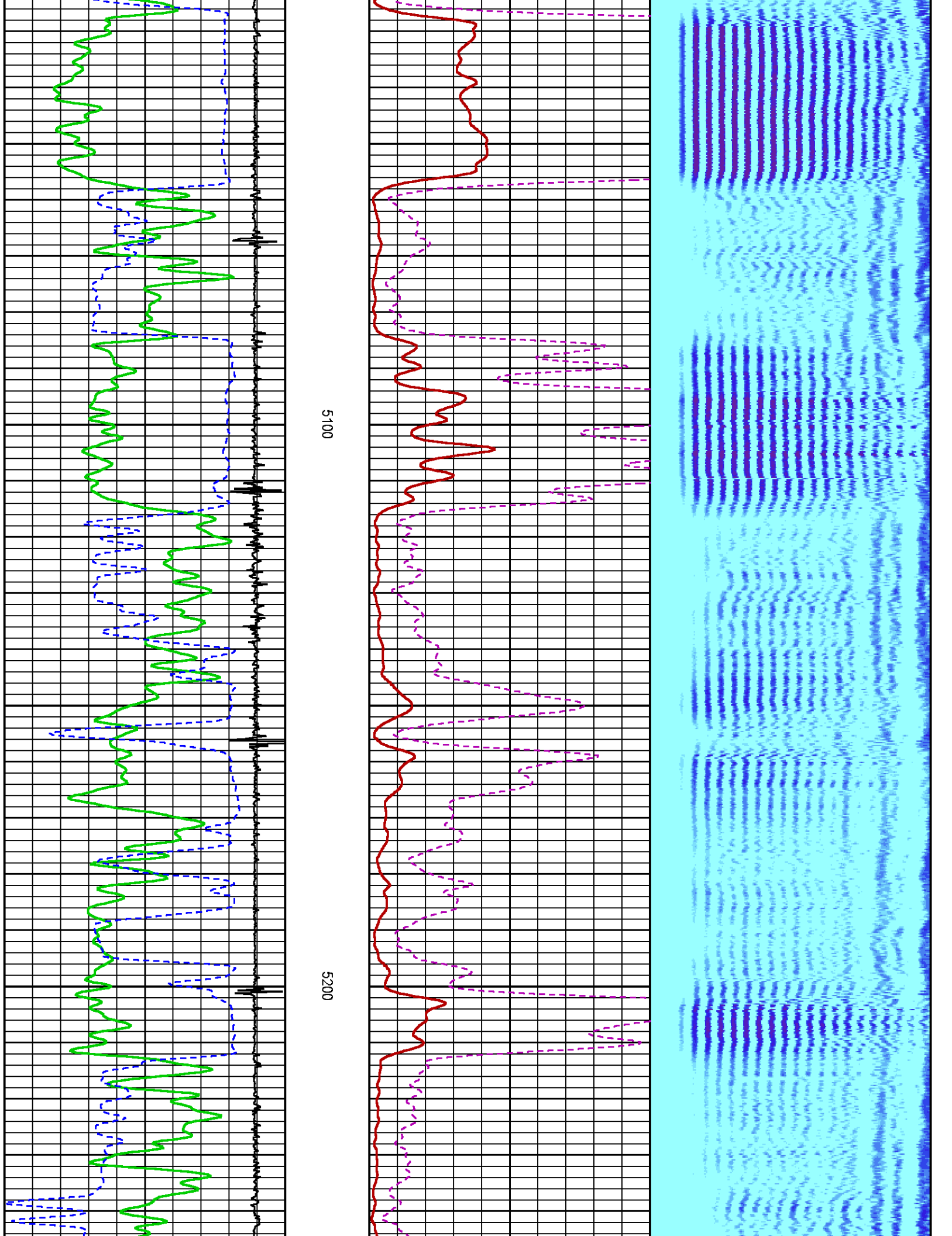


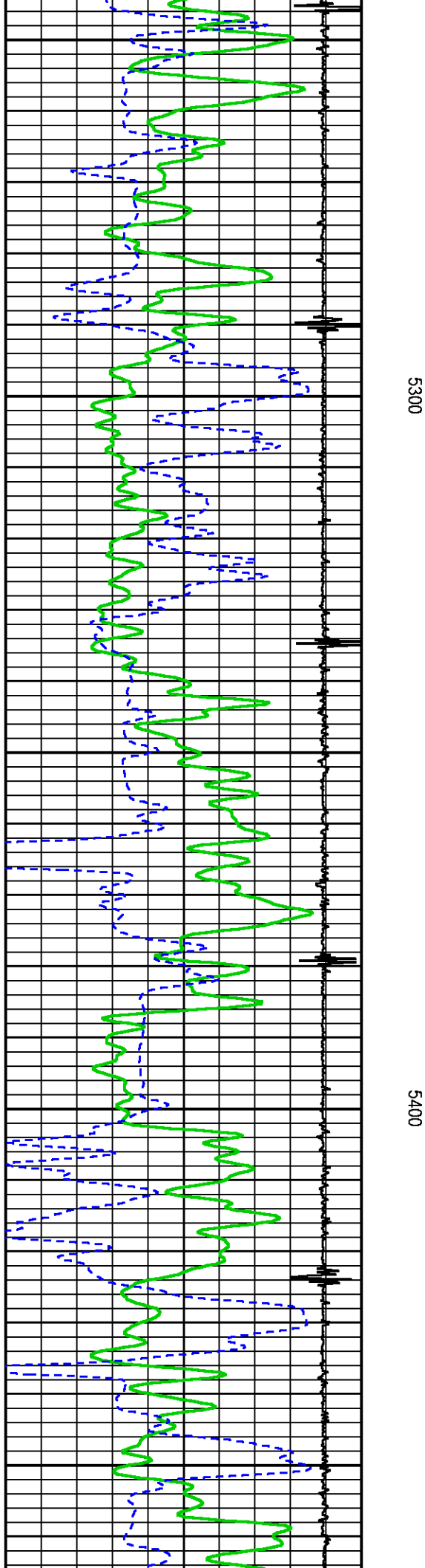
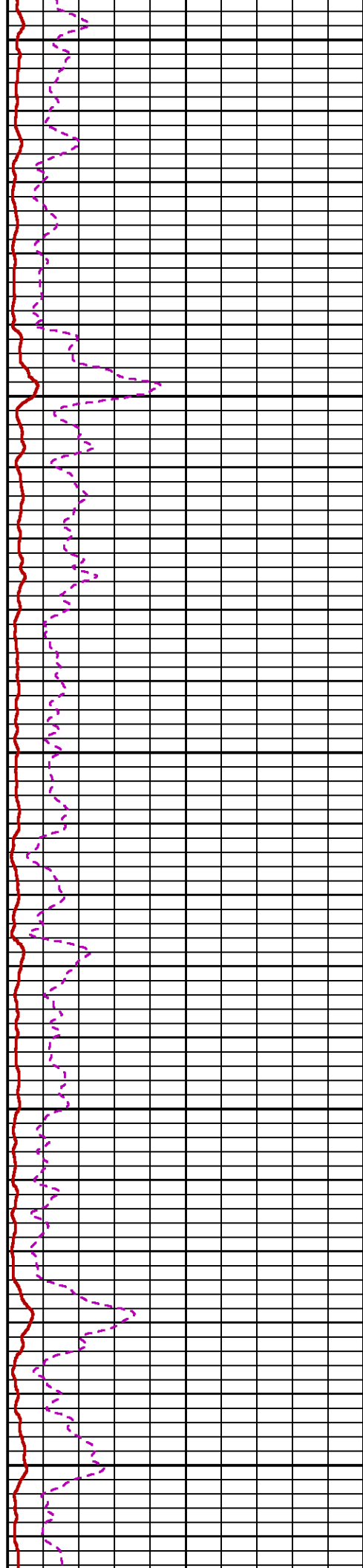
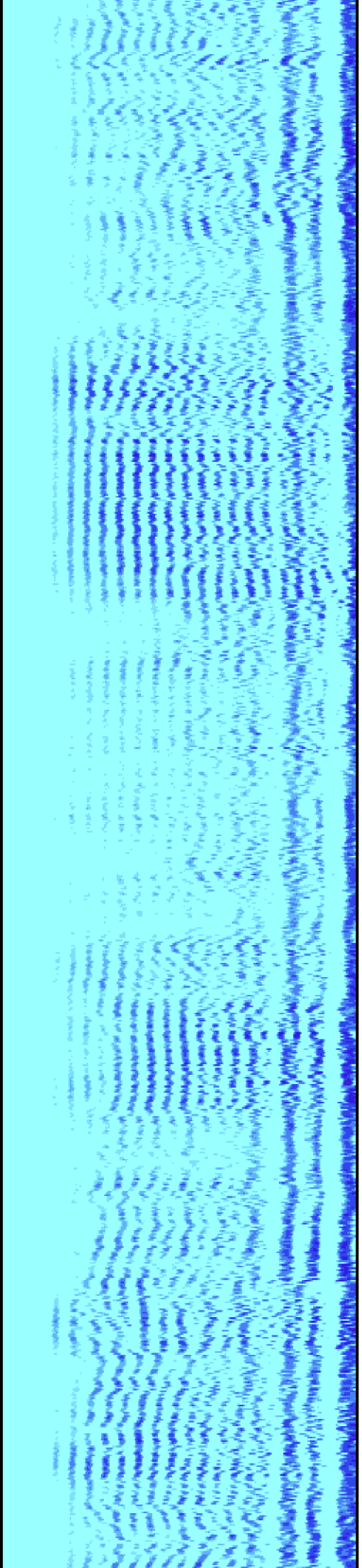


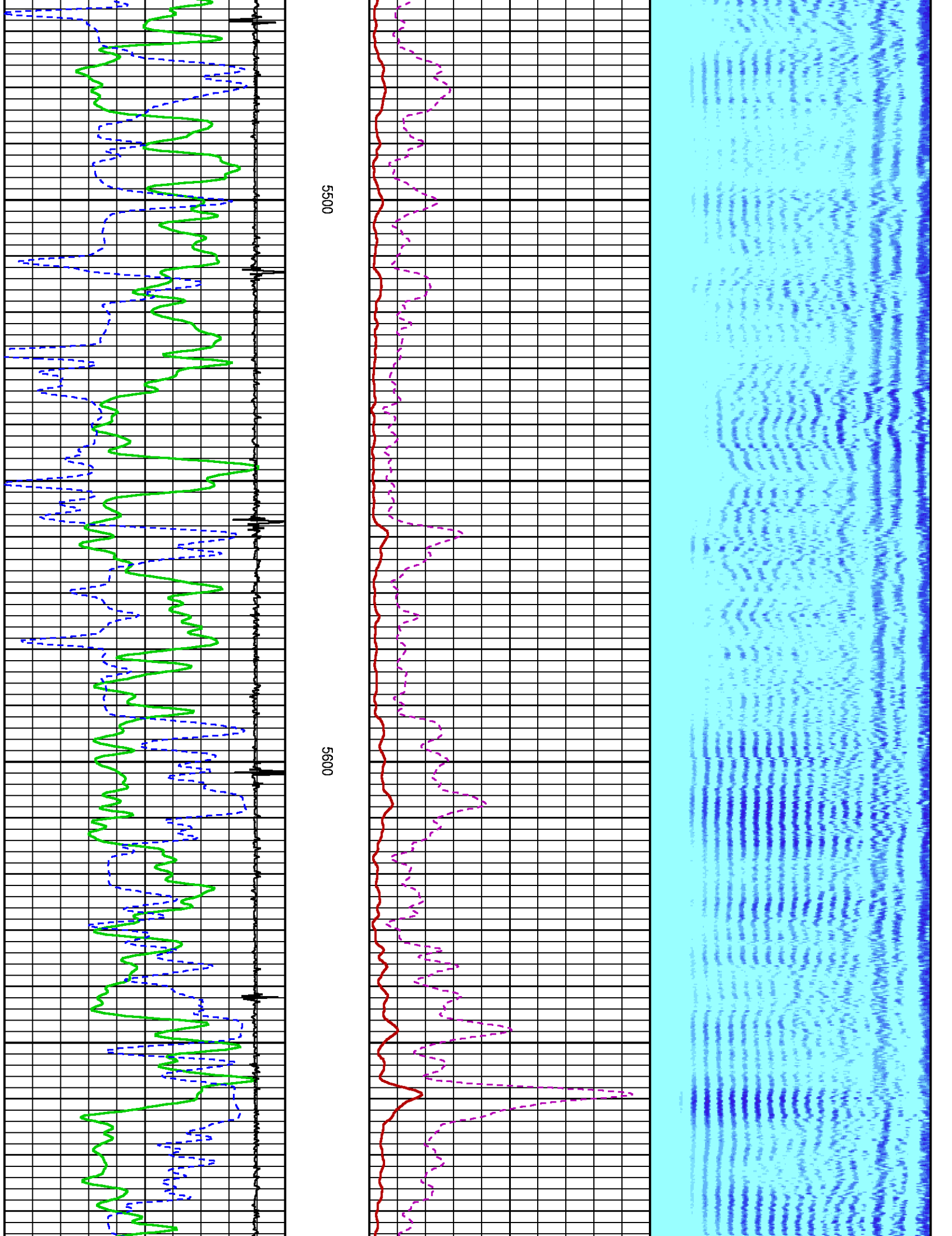




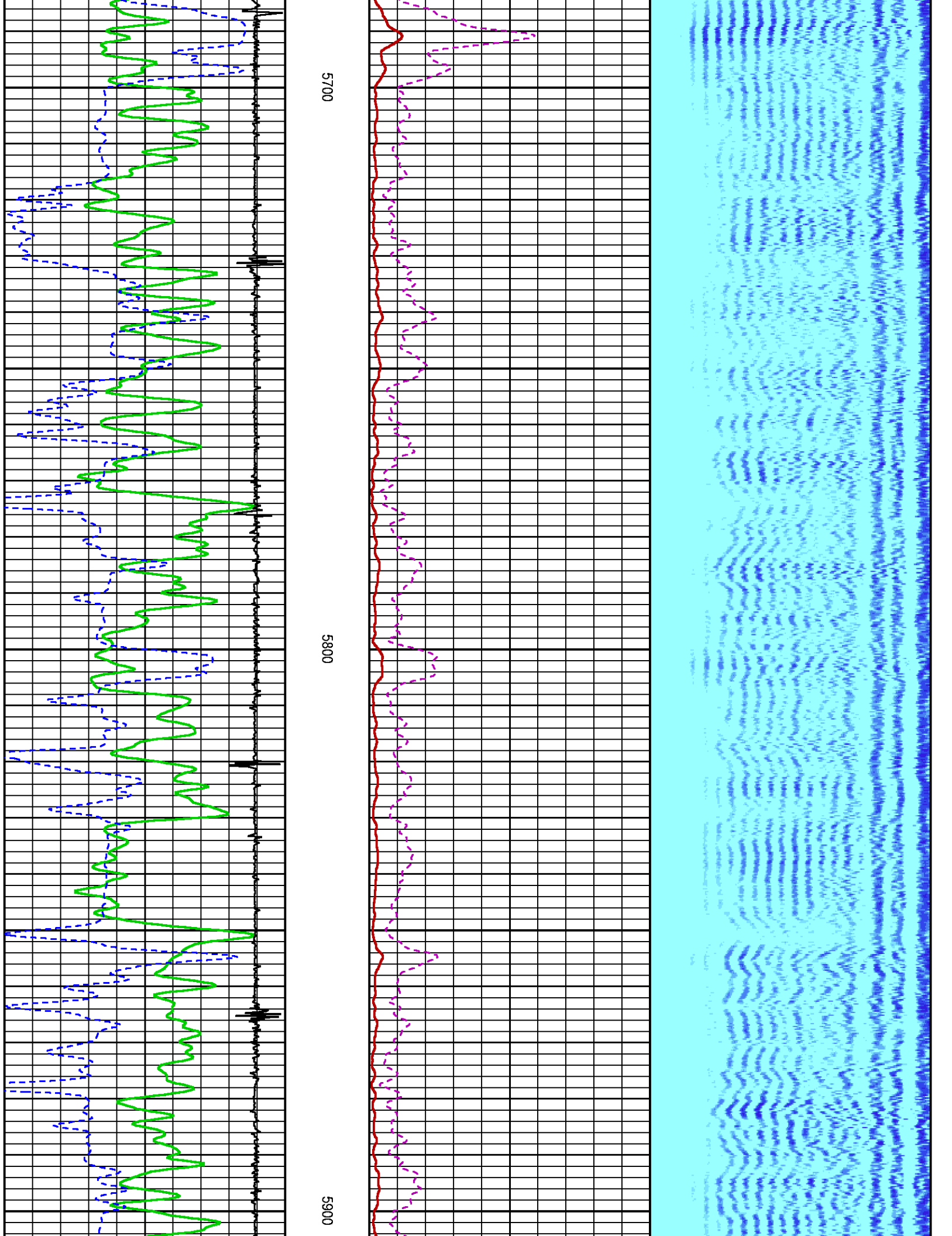


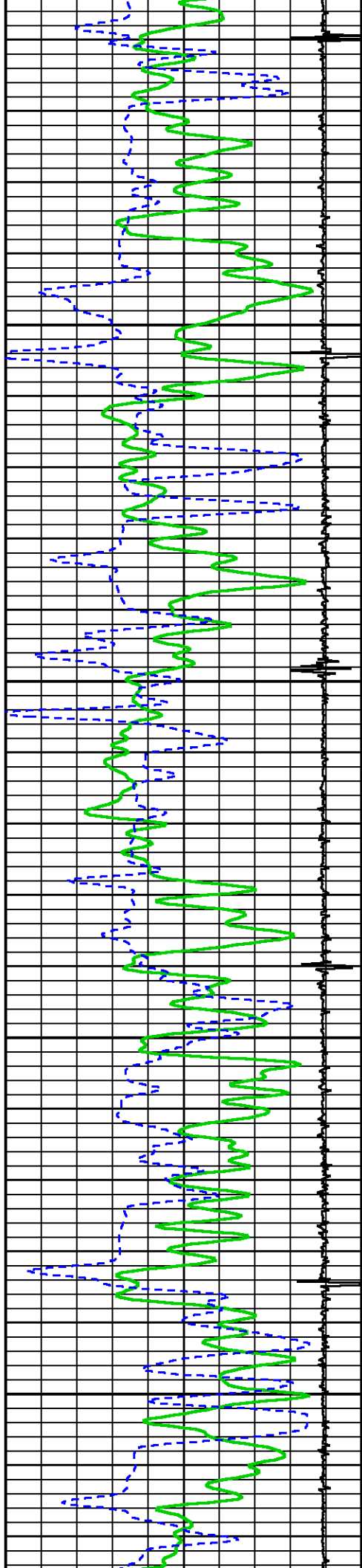






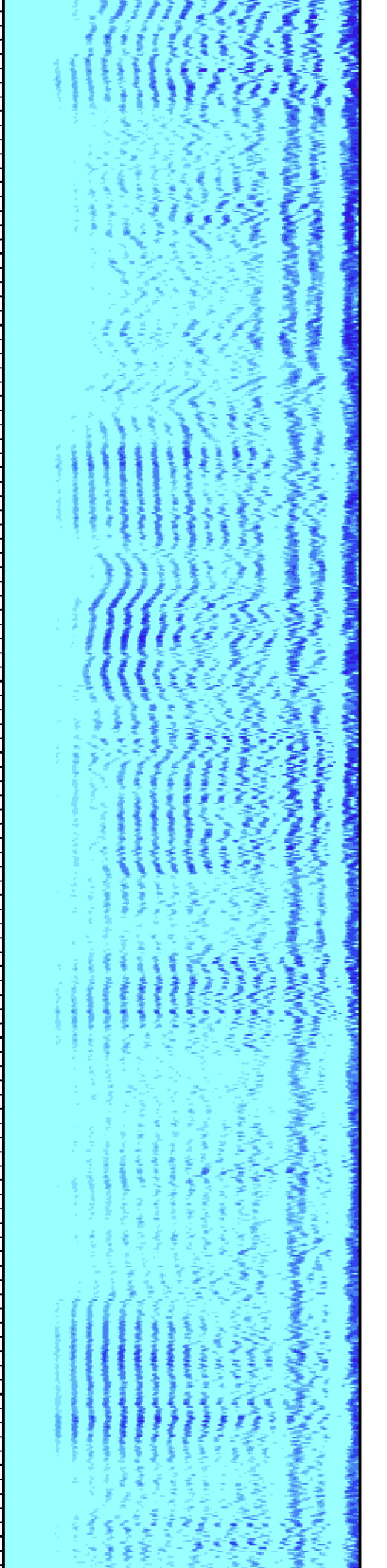
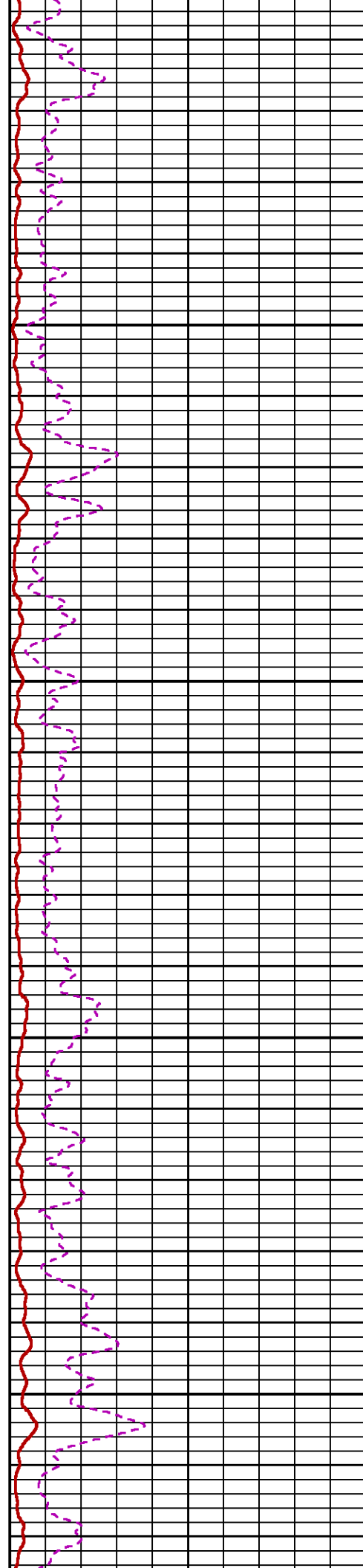


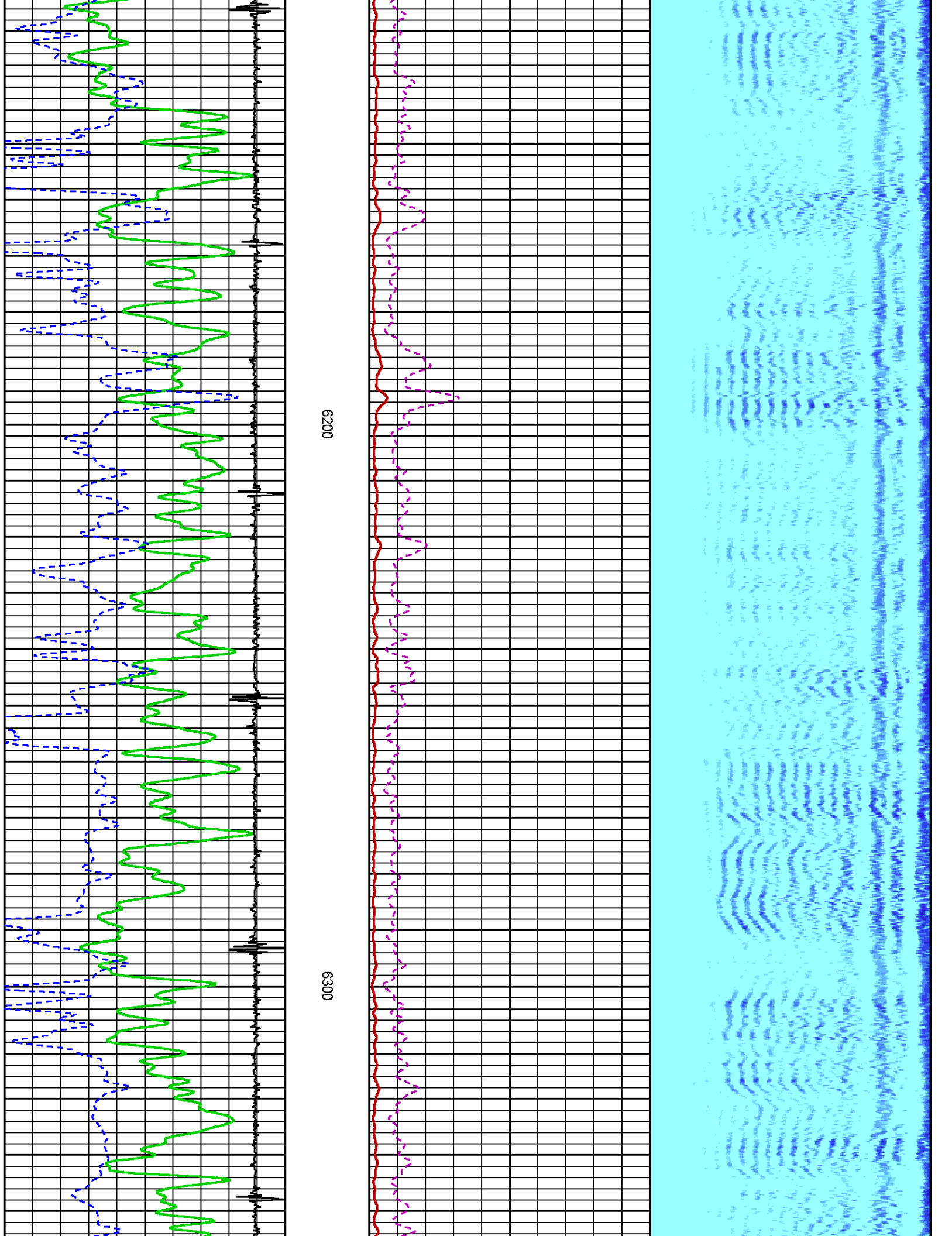


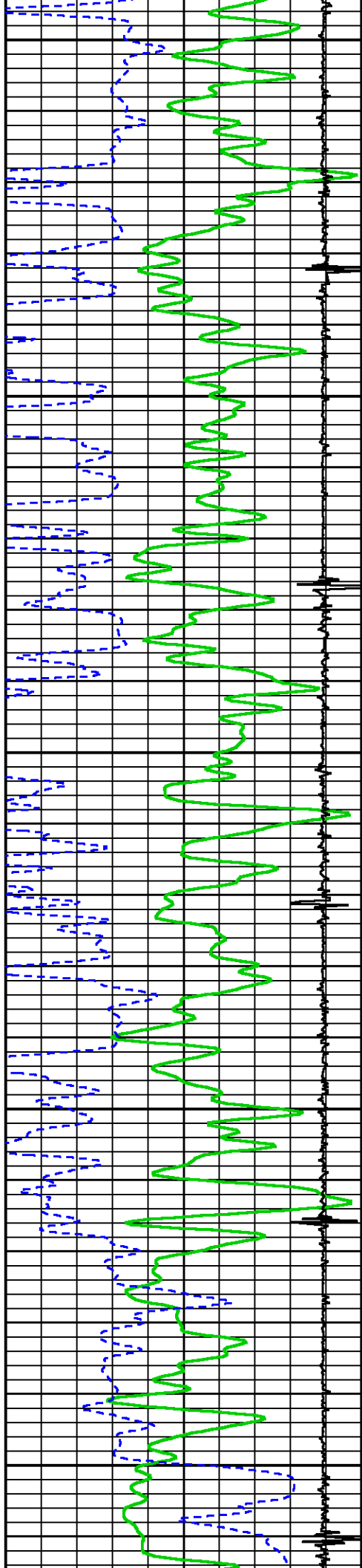


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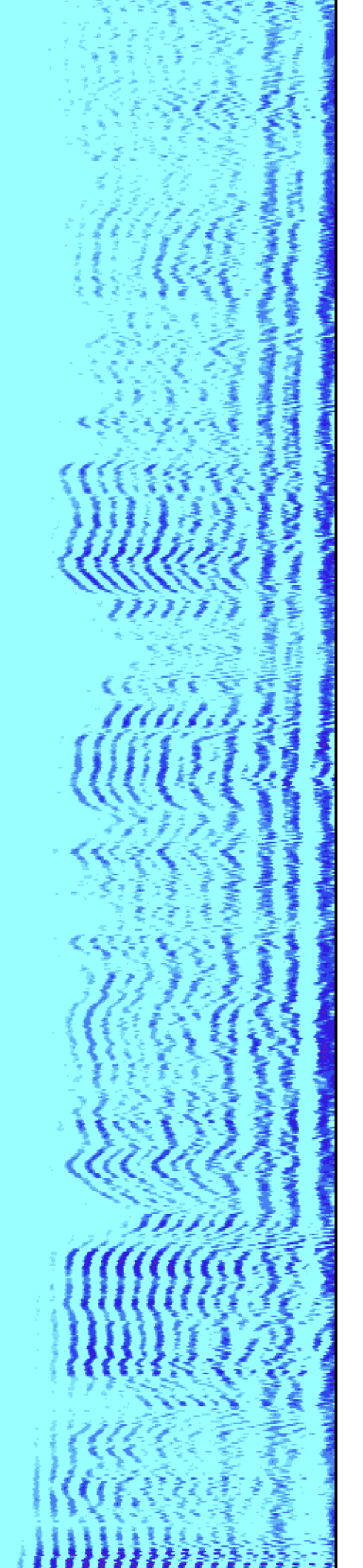
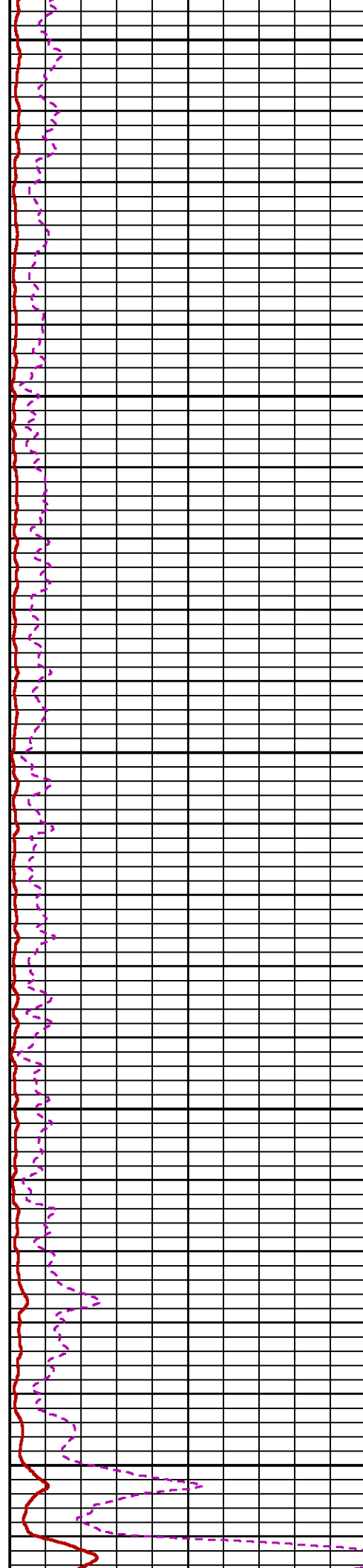




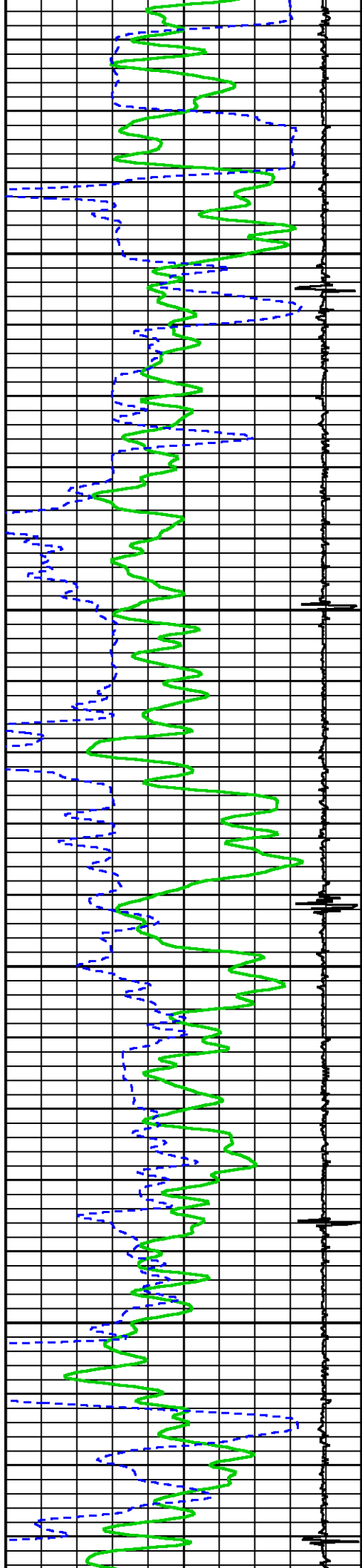


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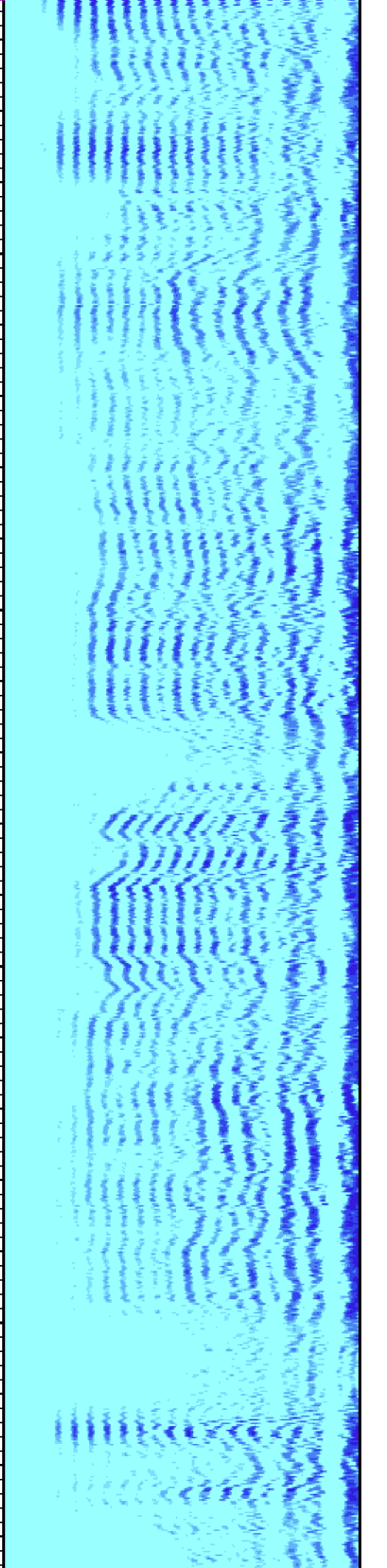
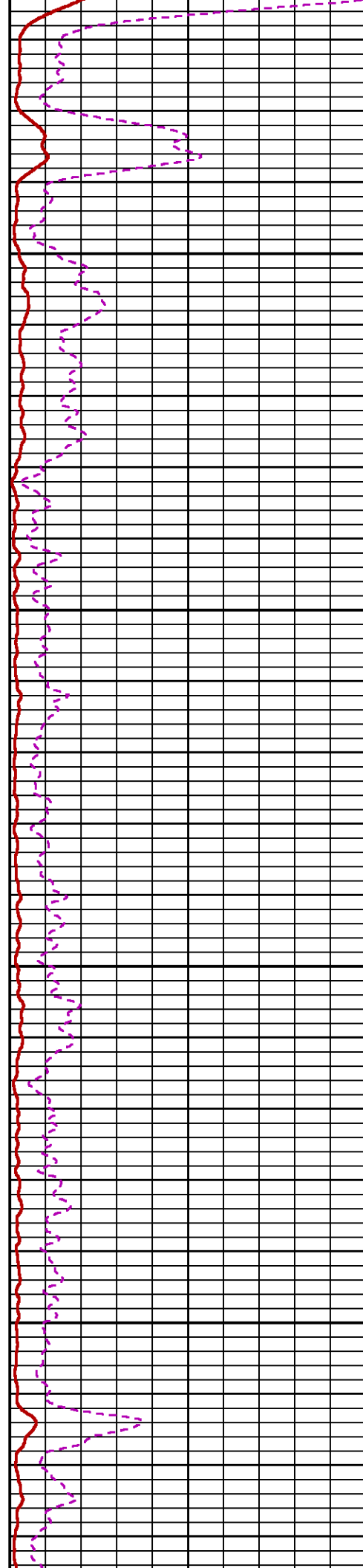


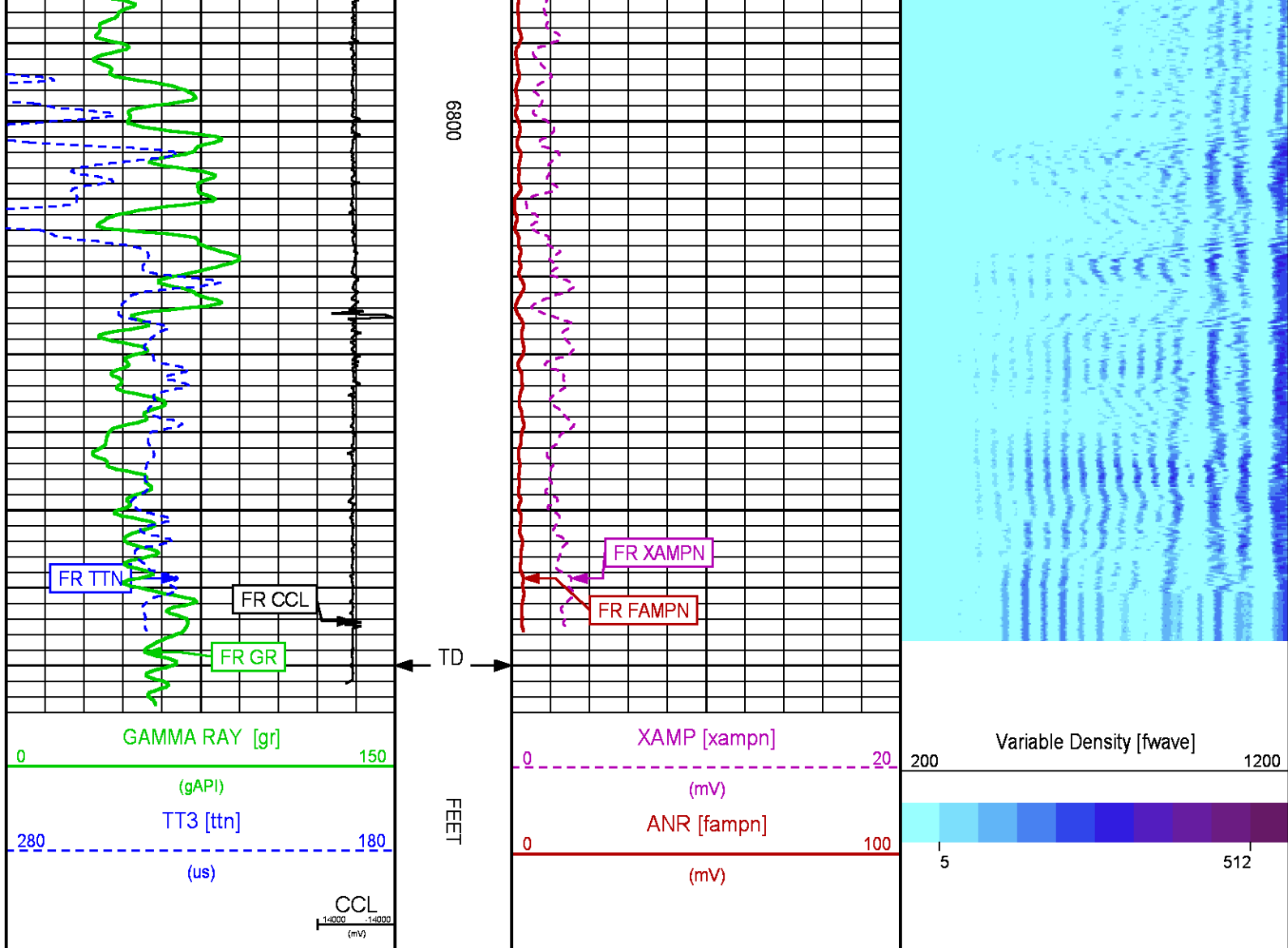




6600

6700





REPEAT PRESENTATION 0 PSI

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

Updates: 1,36 Patches: 9

Plotted: Sun Jun 19 17:41:24 2016

## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH107932/n012g01.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 6606.250 ft BOTTOM DEPTH: 6863.250 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

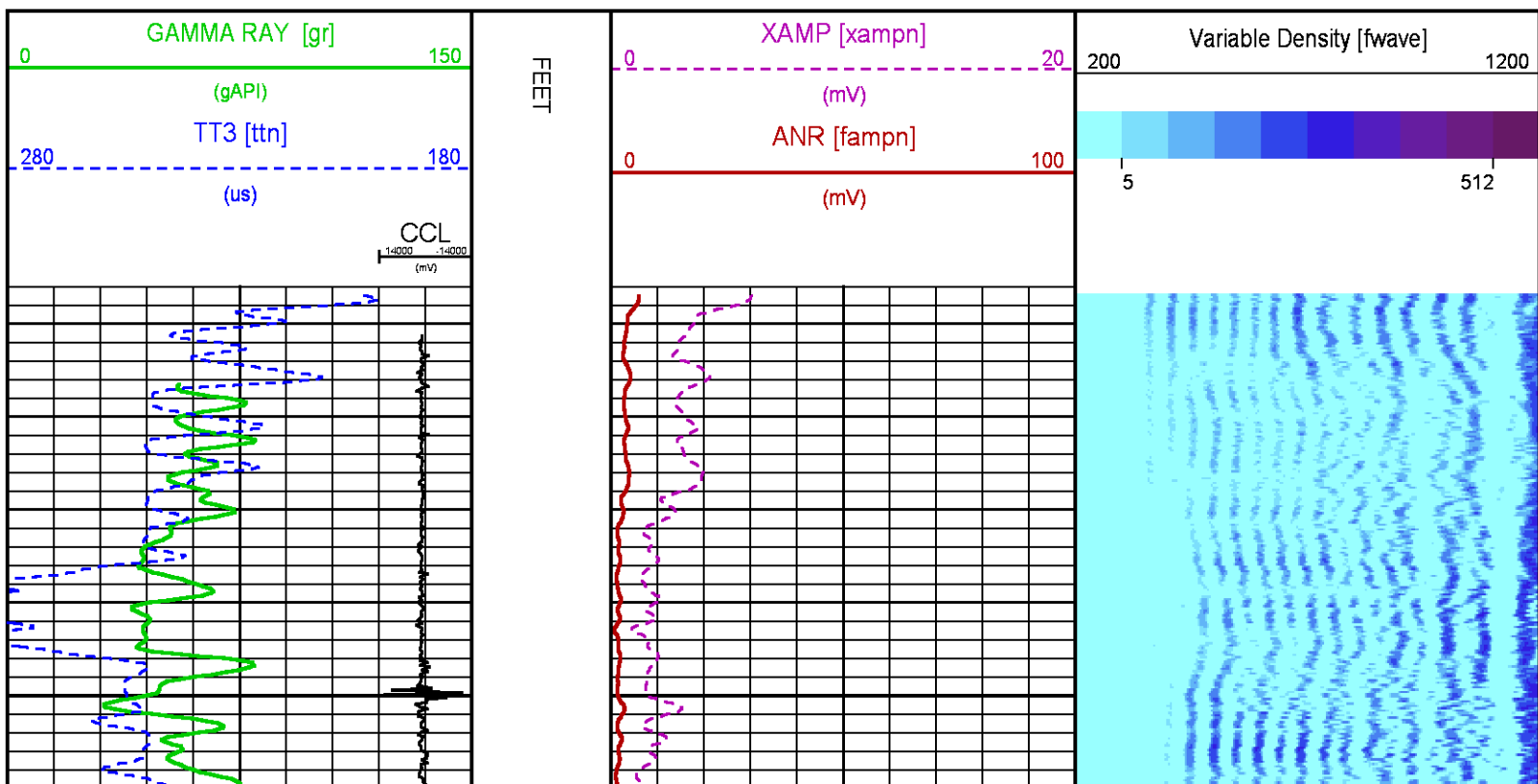
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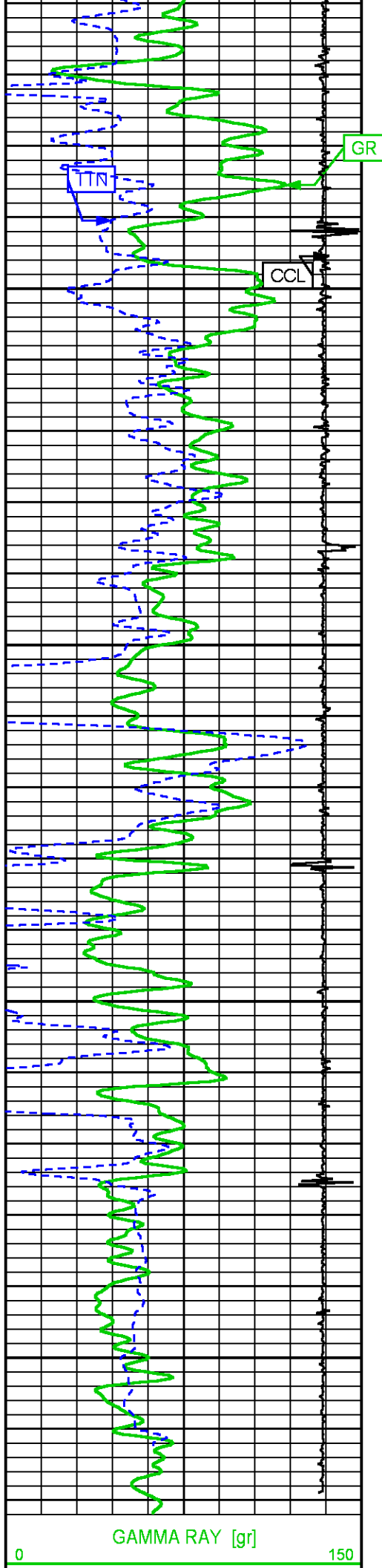
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM
<b>ANALOG RAL PROCESSING</b>					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	187	us	TOP	BOTTOM
	AMP WINDOW LENGTH	25	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	169	us	"	"
	TT WINDOW LENGTH	444	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-66	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	117	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

<b>CURVE DESCRIPTION REPORT</b>		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jun 19 17:34:21 2016	CASING COLLAR LOCATOR
F1:FAMPN	Jun 19 17:34:21 2016	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 19 17:34:21 2016	FAR WAVE FORM
F1:GR	Jun 19 17:34:21 2016	GAMMA RAY
F1:TTN	Jun 19 17:34:21 2016	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jun 19 17:34:21 2016	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

<b>CURVE MEASURE POINT OFFSET</b>							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	5.75	GR	1.75	XAMPN	11.25		
FAMPN	11.25	TTN	11.25				

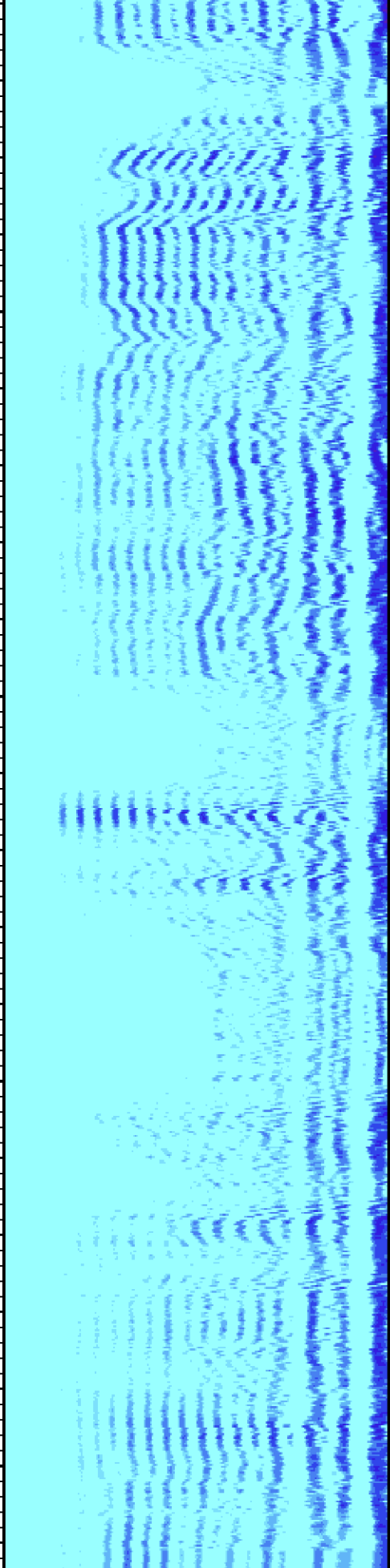
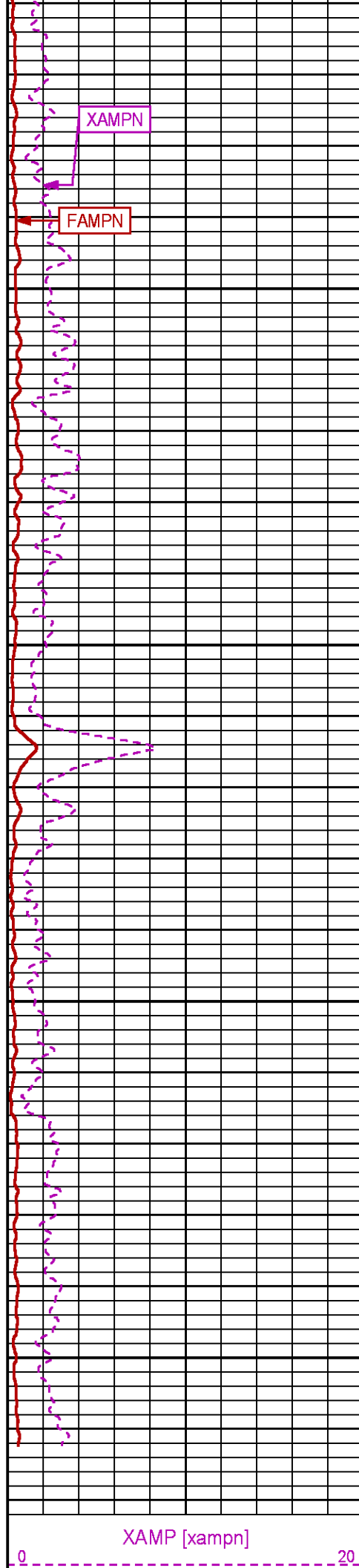
<b>Presentation</b>	: cas6685:/dat1a/CH107932/WPX_ral_cbl-RPT.fvpdf [5"/100' Scale]
<b>Plot Interval</b>	: 6595.5 - 6862 Feet
<b>Data File 1</b>	: F1 : cas6685:C:\Users\spenjosi\Documents\VDIS\Jobs\WPX\IGM542-8\CH107932
<b>Created On</b>	: 06/20/2016 17:34:21
<b>Company</b>	: WPX ENERGY
<b>Well</b>	: FEDERAL GM 542-8
<b>Field</b>	: GRAND VALLEY
<b>File Interval</b>	: 6594.5 - 6863.5 Feet
<b>OCT</b>	: n012g





6700

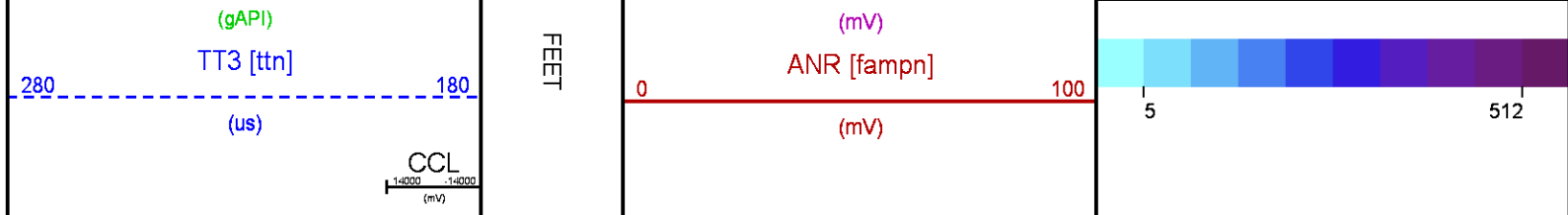
6800



200

1200





## 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

Patches: 9

Plotted: Thu Jun 23 08:17:26 2016

### PARAMETER AND FILTER SUMMARY REPORT

FILE: C:\Users\spenjos\Documents\VDIS\Jobs\WPX\IGM542-8\CH107932\In012g02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 16.000 ft BOTTOM DEPTH: 6866.721 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*)	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*)	169	us	"	"
	TT WINDOW LENGTH	444	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (str1*)	-66	us	"	"
	TOOL DELAY (str2*)	-66	us	"	"
	TOOL DELAY (str3*)	-66	us	"	"
	TOOL DELAY (str4*)	-66	us	"	"
	TOOL DELAY (str5*)	-66	us	"	"
	TOOL DELAY (str6*)	-66	us	"	"
	TOOL DELAY (str7*)	-66	us	"	"
	TOOL DELAY (str8*)	-66	us	"	"
	TOOL DELAY (strn*)	-66	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	117	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	"	"

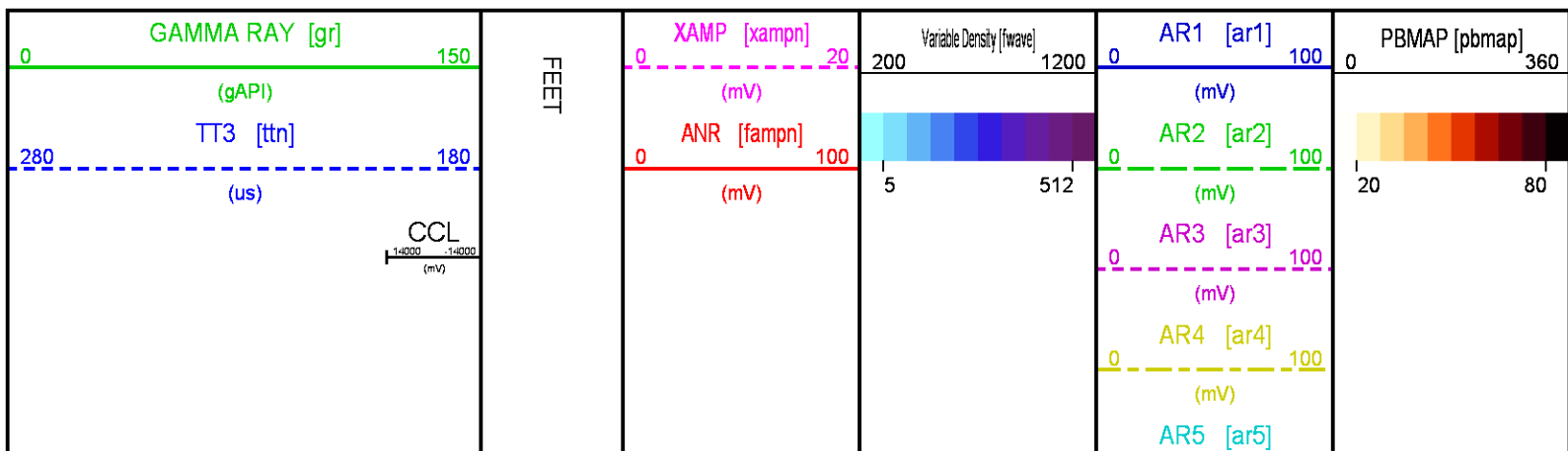
## CURVE DESCRIPTION REPORT

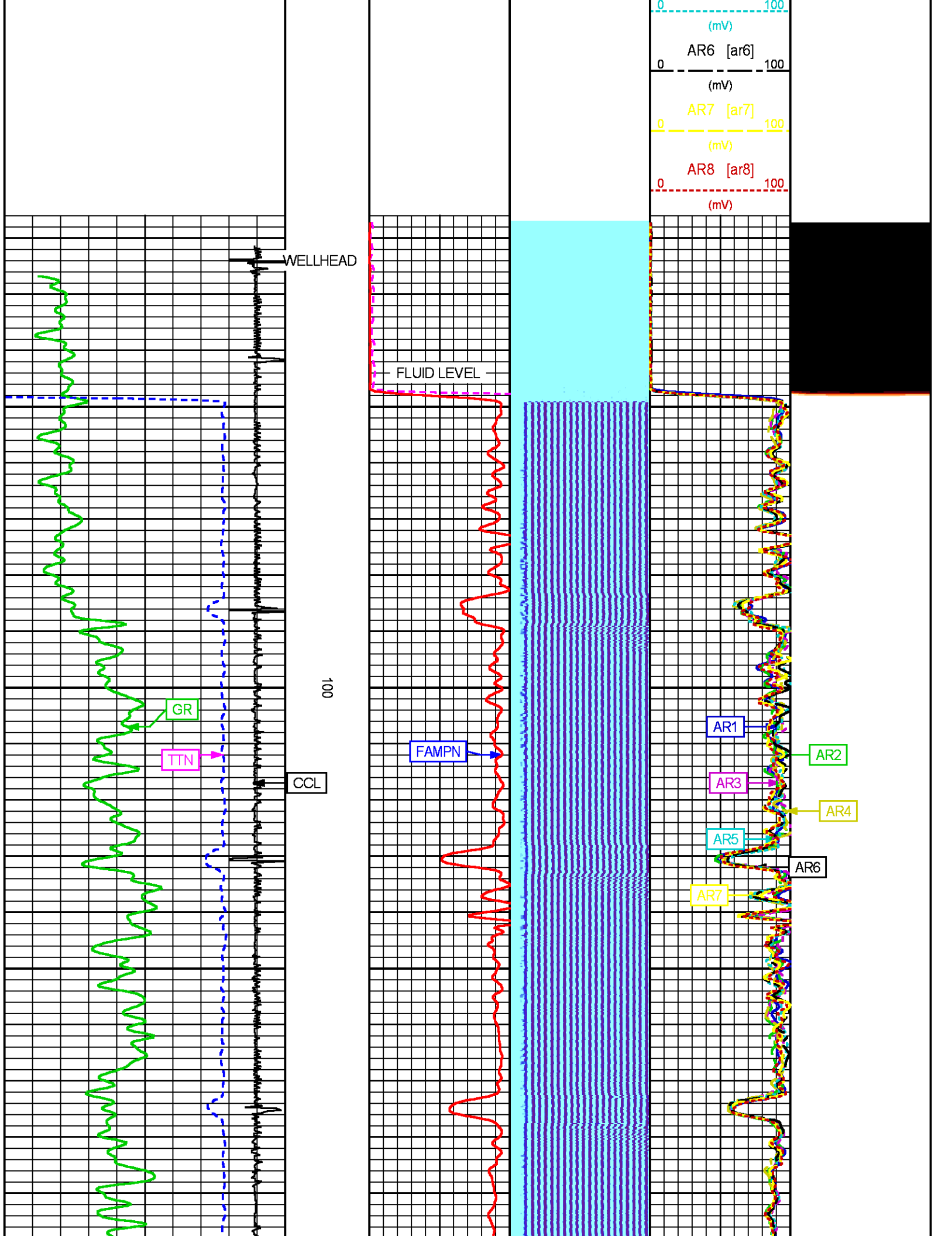
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE T-R1
F1:AR2	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE T-R2
F1:AR3	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE T-R3
F1:AR4	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE T-R4
F1:AR5	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE T-R5
F1:AR6	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE T-R6
F1:AR7	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE T-R7
F1:AR8	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE T-R8
F1:CCL	Jun 19 17:40:04 2016	CASING COLLAR LOCATOR
F1:FAMPN	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 19 17:40:04 2016	FAR WAVE FORM
F1:GR	Jun 19 17:40:04 2016	GAMMA RAY
F1:PBMAP	Jun 19 17:40:04 2016	PERCENT BOND CEMENT MAP
F1:TTN	Jun 19 17:40:04 2016	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jun 19 17:40:04 2016	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

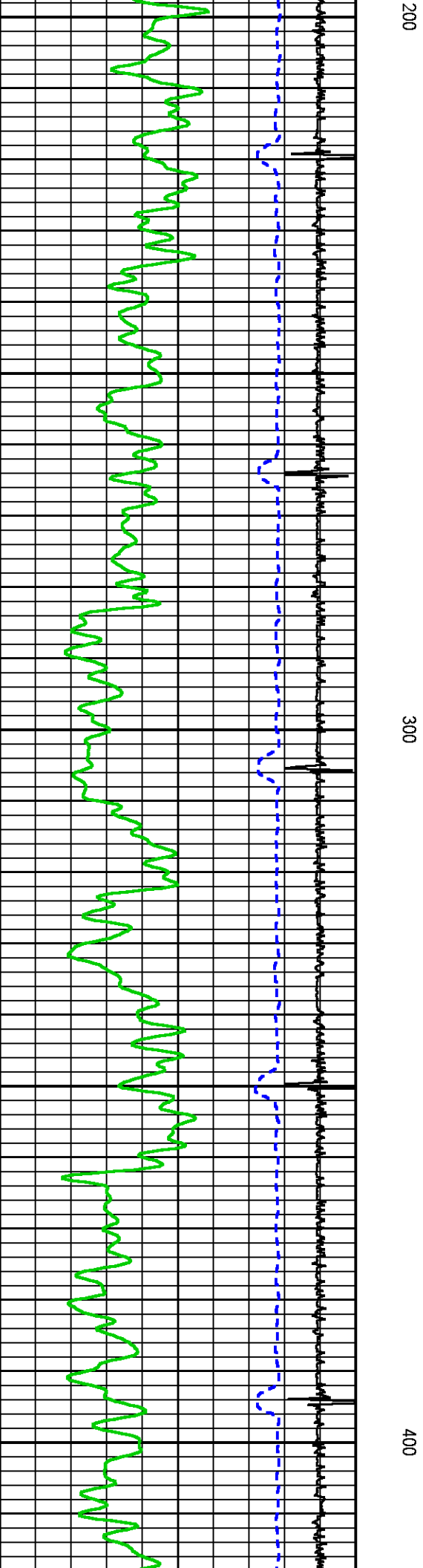
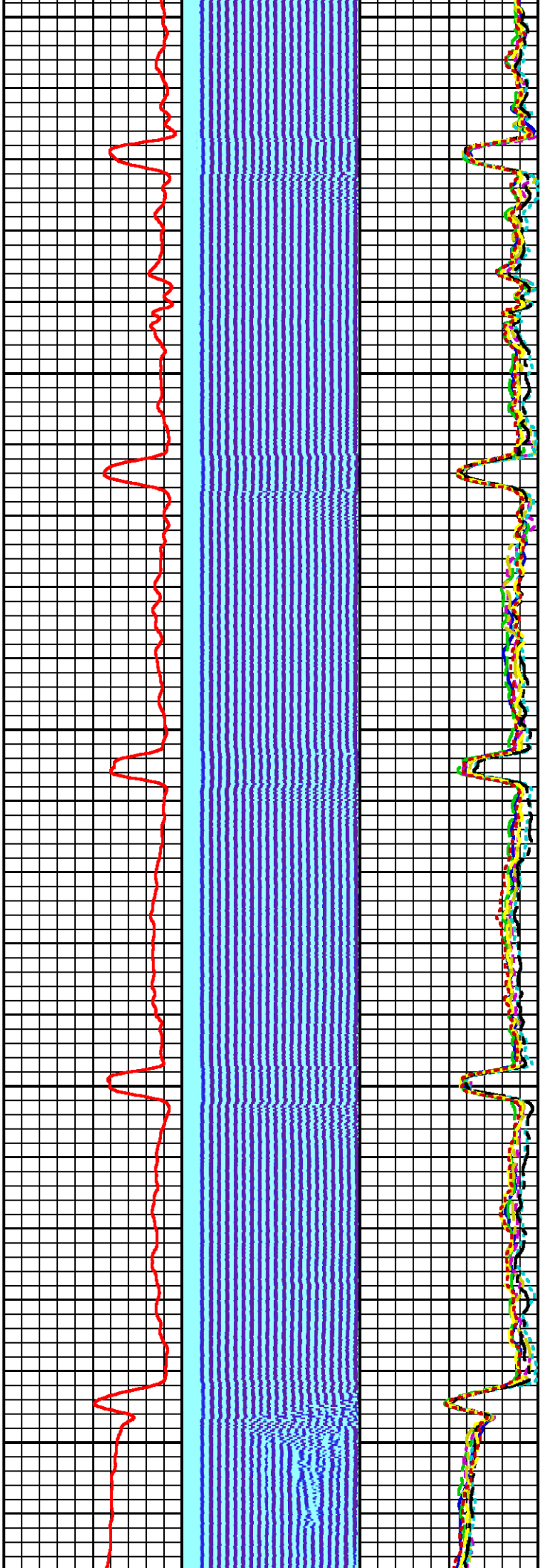
## CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	11.25	AR5	11.25	CCL	5.75	XAMPN	11.25
AR2	11.25	AR6	11.25	FAMPN	11.25		
AR3	11.25	AR7	11.25	GR	1.75		
AR4	11.25	AR8	11.25	TTN	11.25		

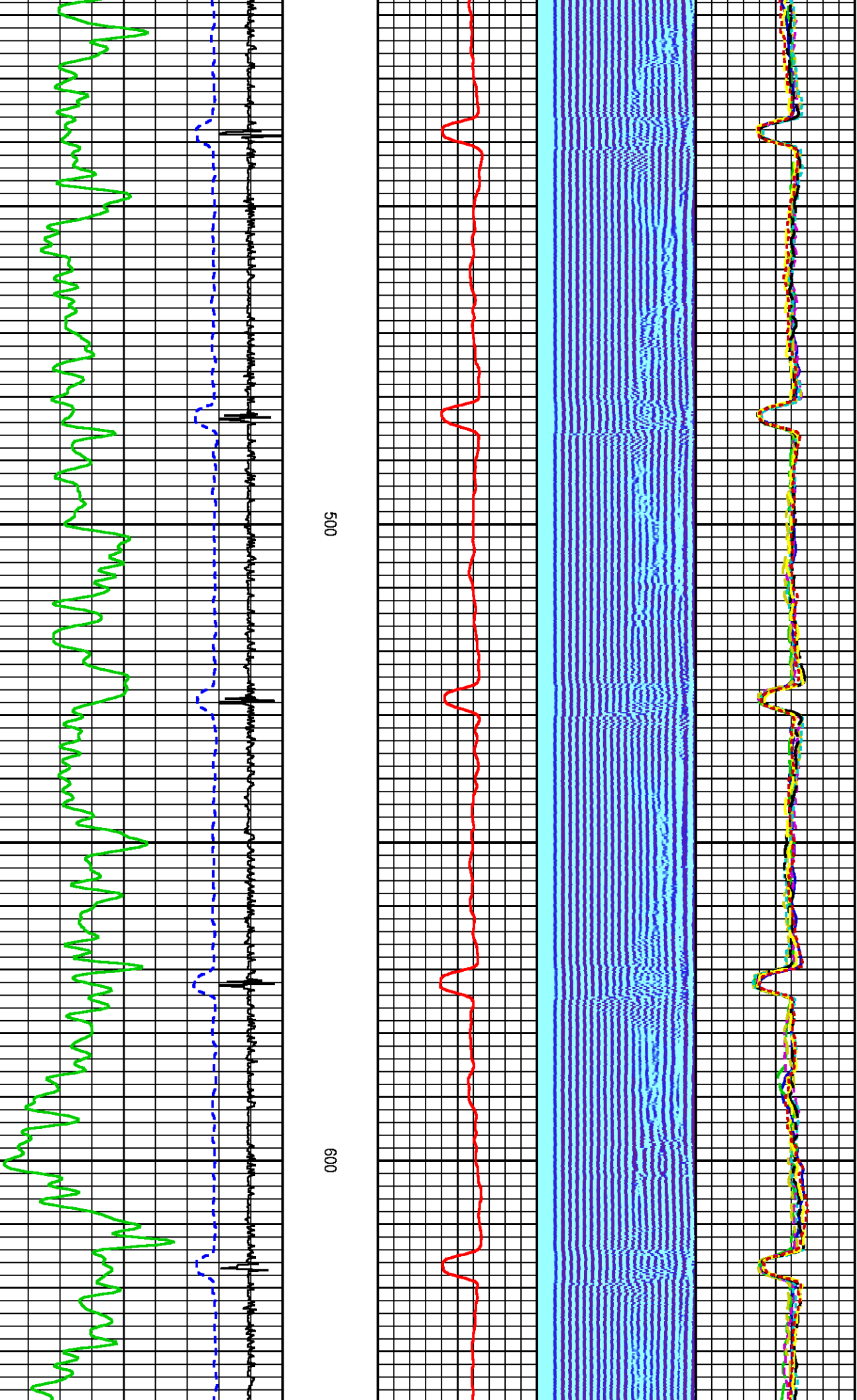
<b>Presentation</b>	: BHI3XZN3R1:C:\Users\spenjosj\Documents\VDIS\Jobs\WPX\GM542-8\CH107932\WPX_secondary-ral.fvpdf [5"/100' Scale]
<b>Plot Interval</b>	: 17 - 6876.75 Feet
<b>Data File 1</b>	: F1 : BHI3XZN3R1:C:\Users\spenjosj\Documents\VDIS\Jobs\WPX\GM542-8\CH107932\n012g02.xtf
<b>Created On</b>	: Jun 19 17:40:04 2016
<b>Company</b>	: WPX ENERGY
<b>Well</b>	: FEDERAL GM 542-8
<b>Field</b>	: GRAND VALLEY
<b>File Interval</b>	: 16 - 6878 Feet
<b>OCT</b>	: n012g

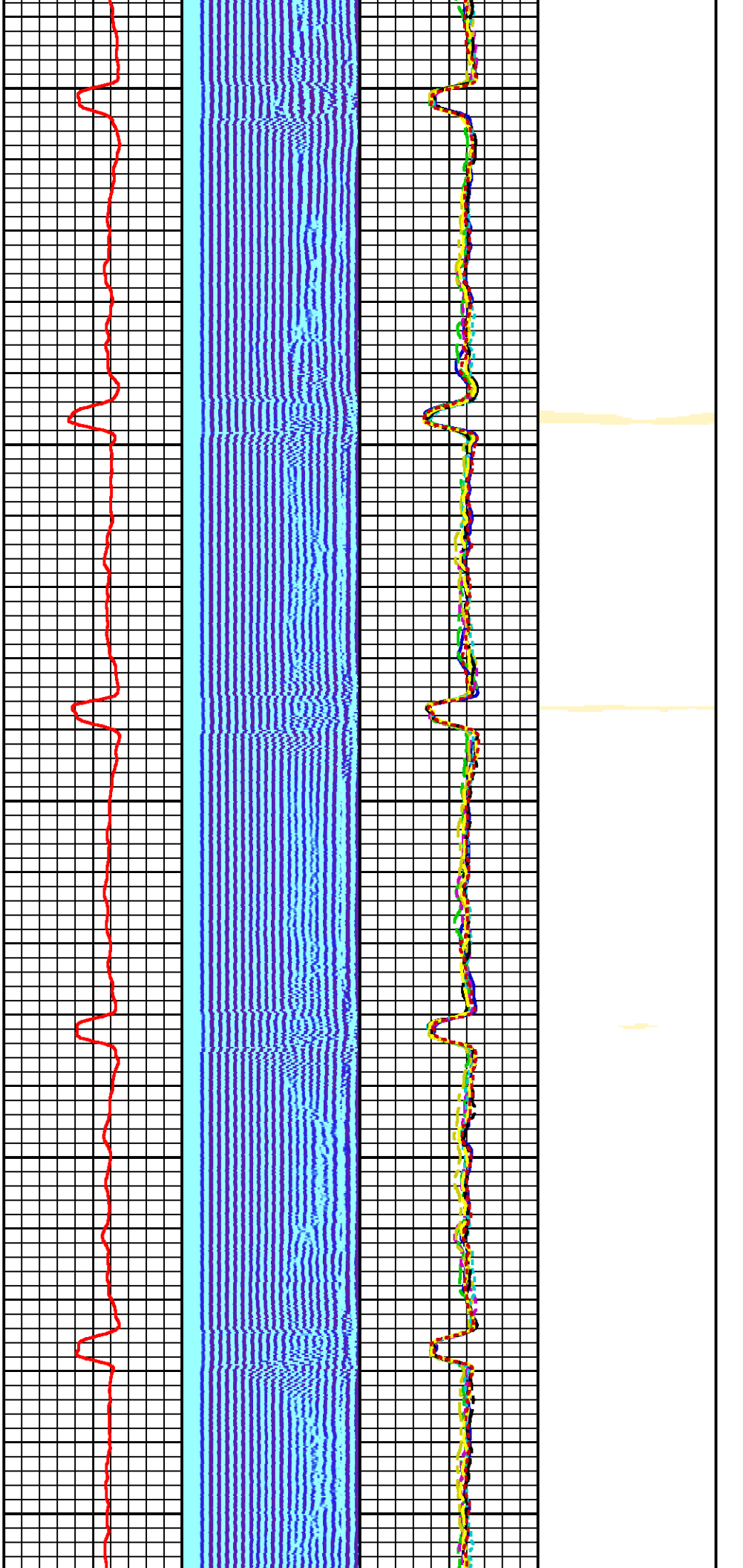






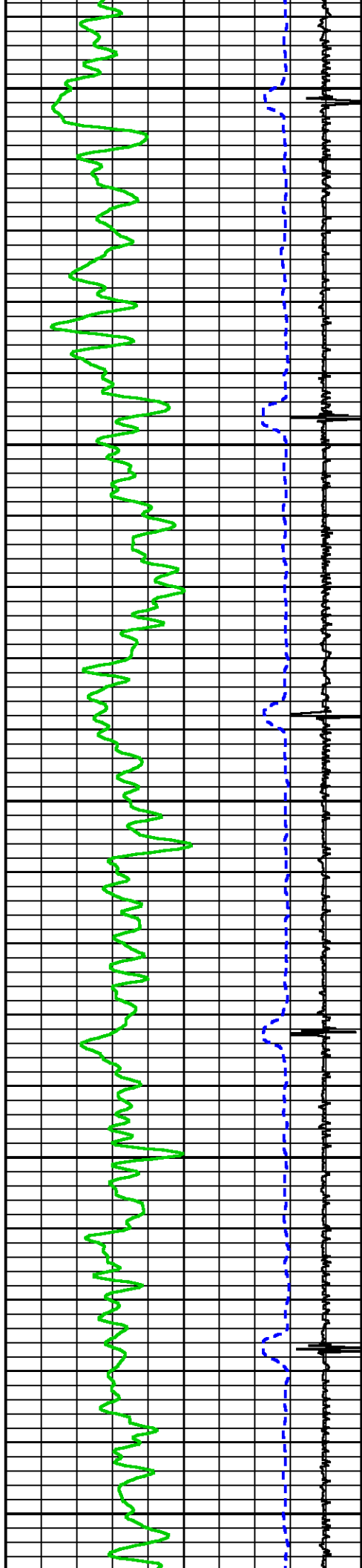


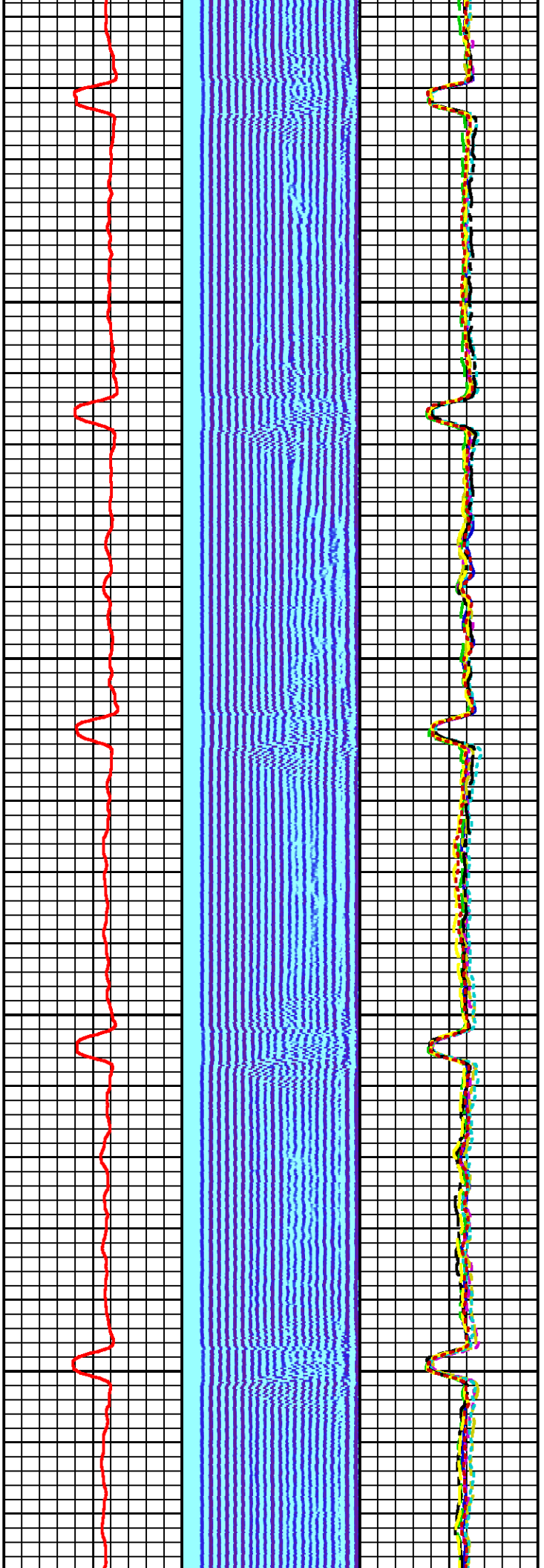




700

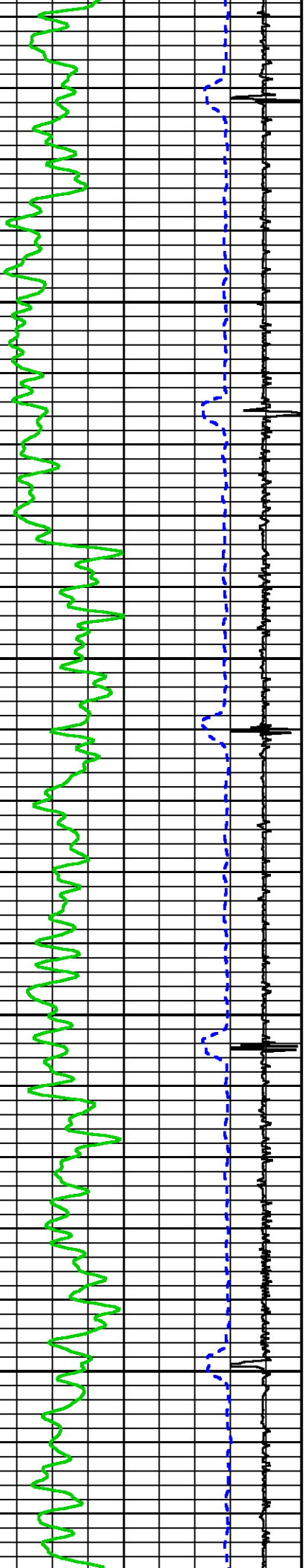
800

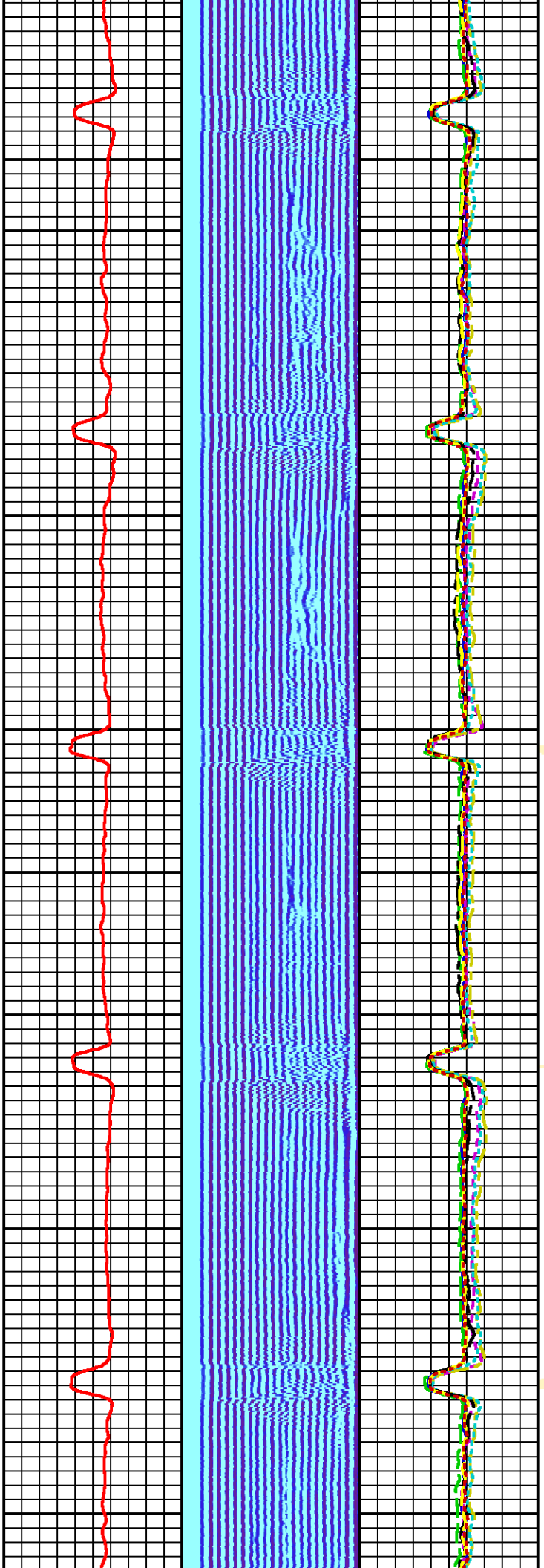




900

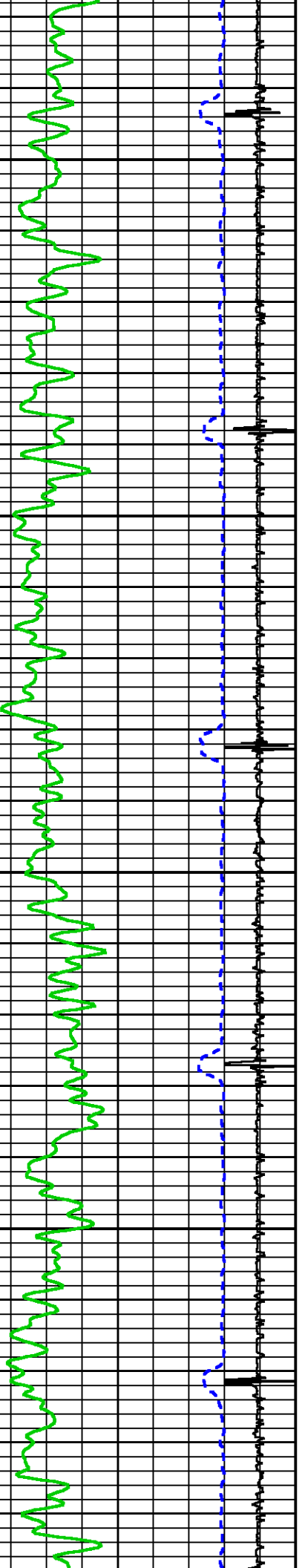
1000



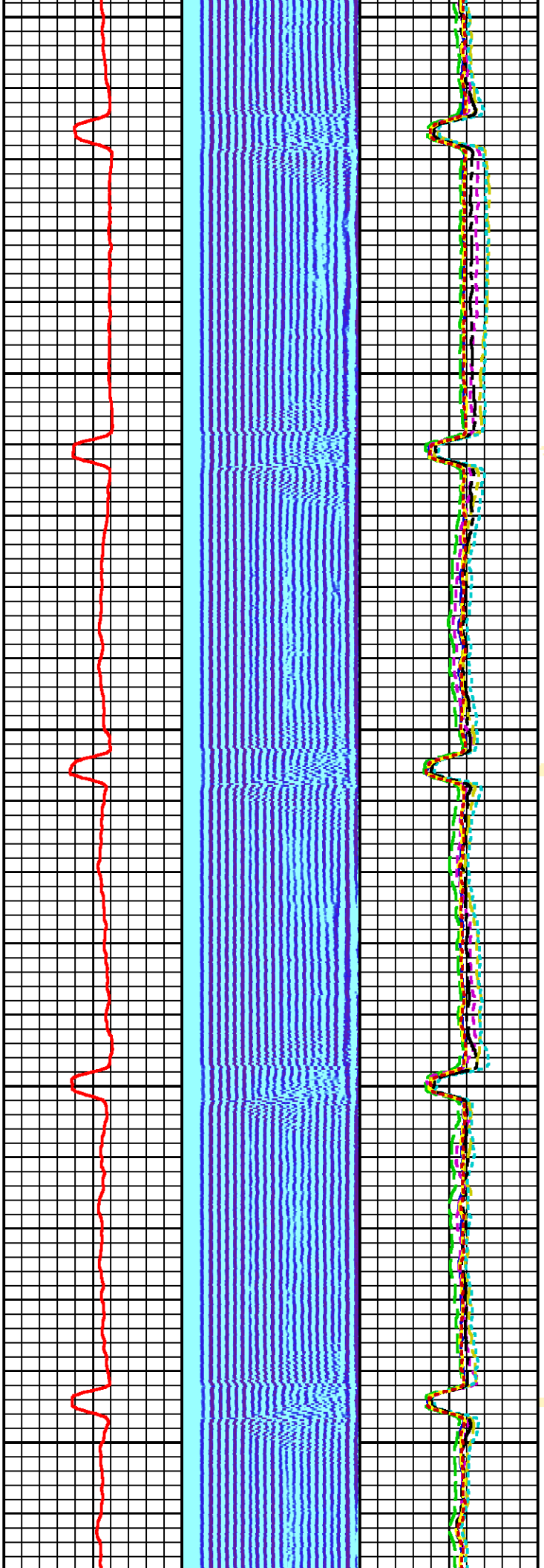


1100

1200



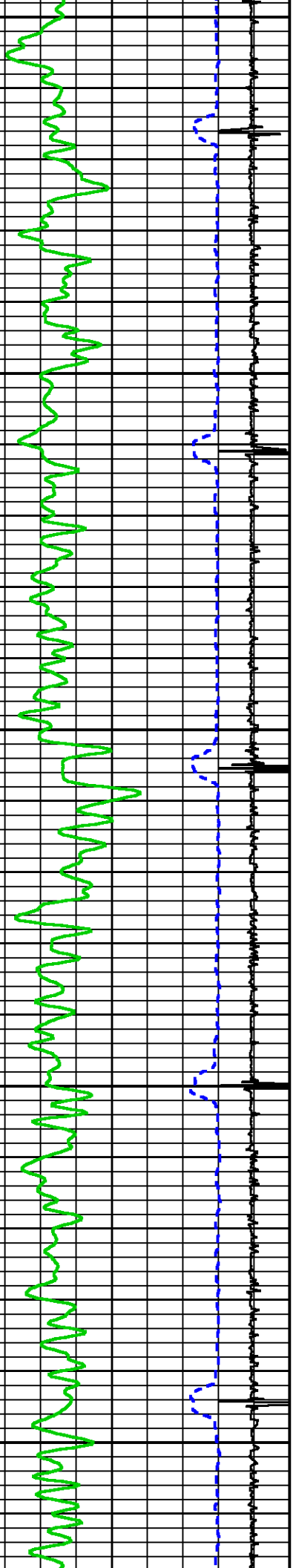


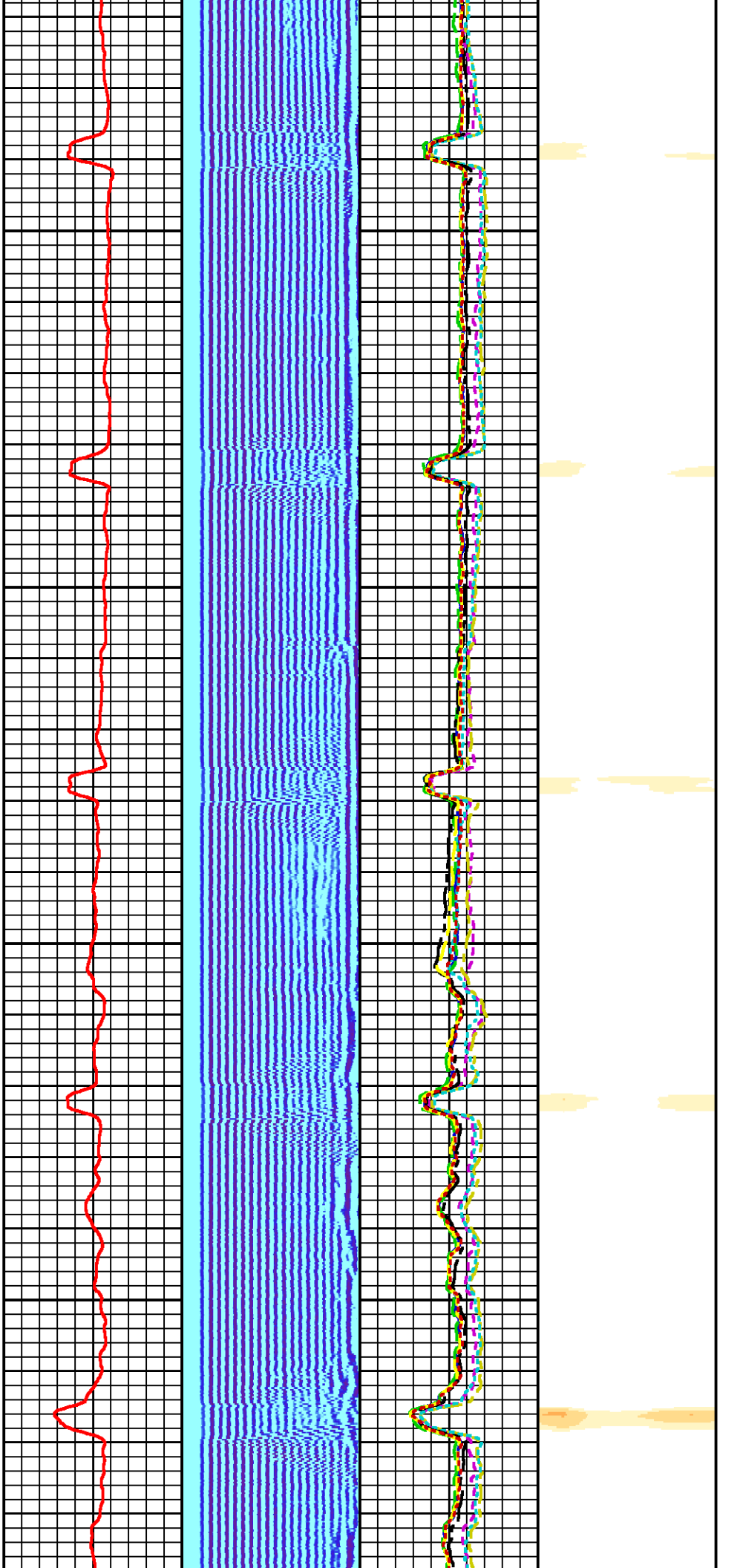


1300

1400

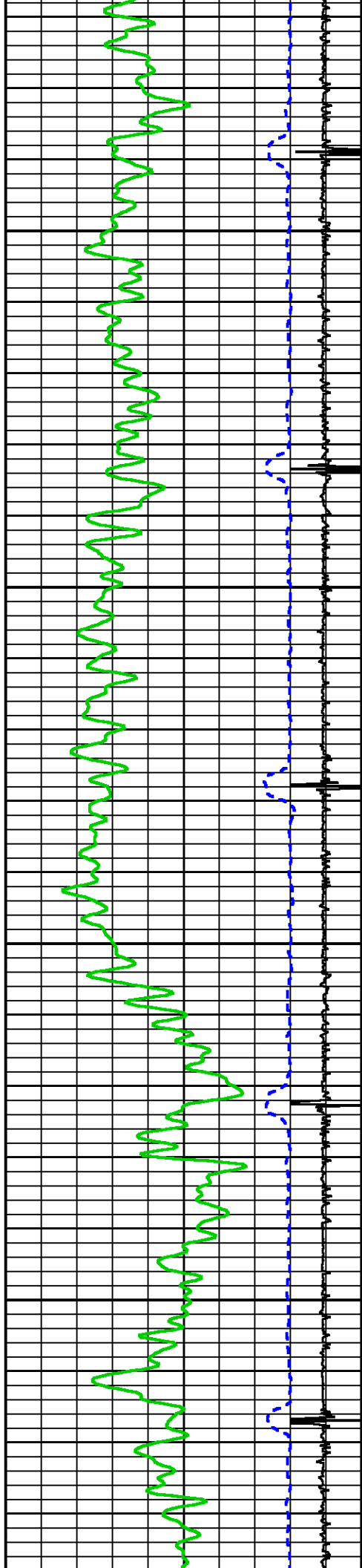
1500

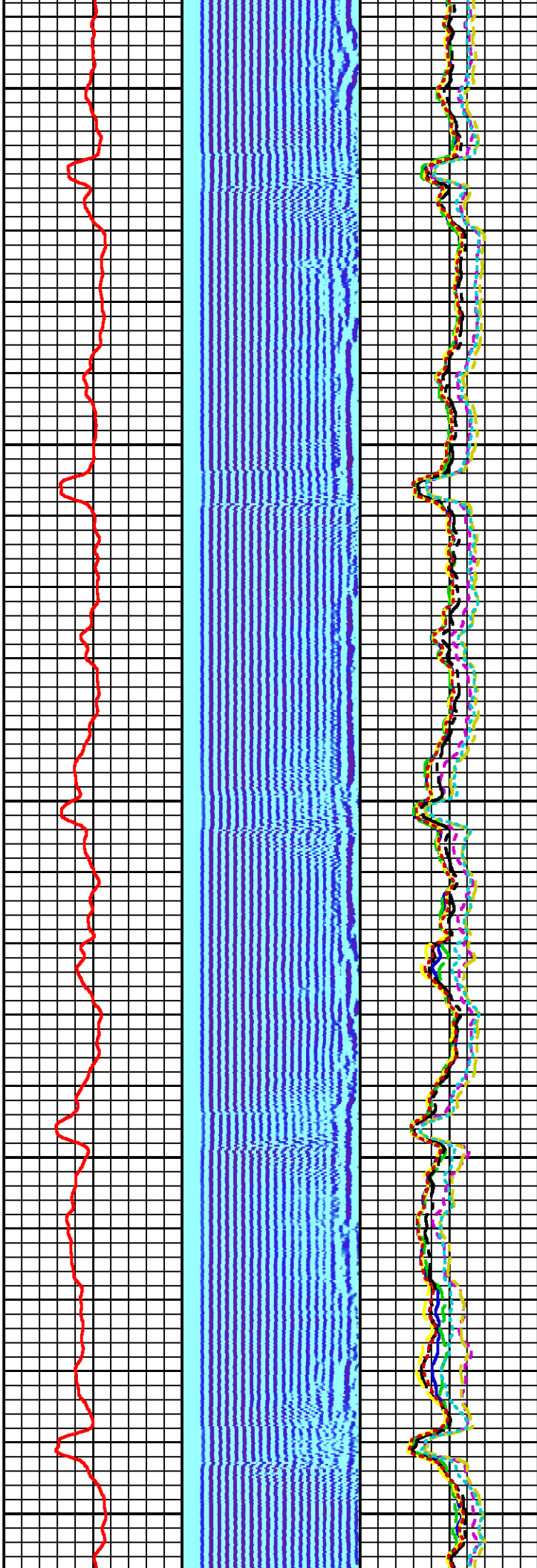
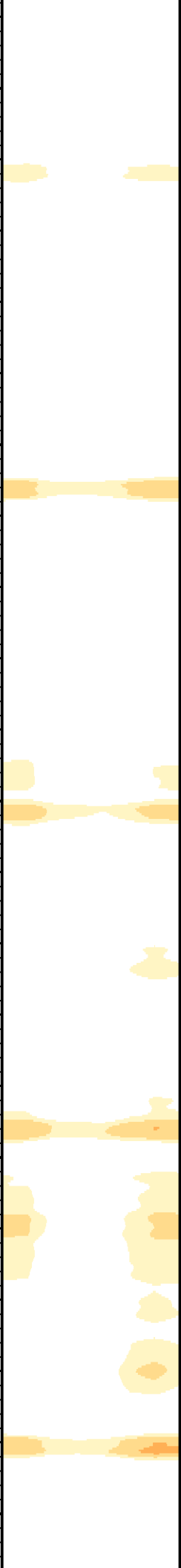




1600

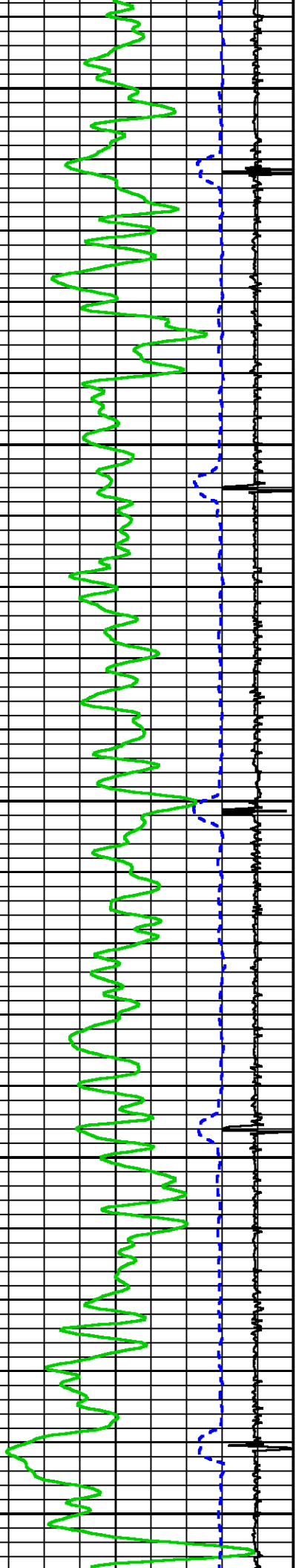
1700

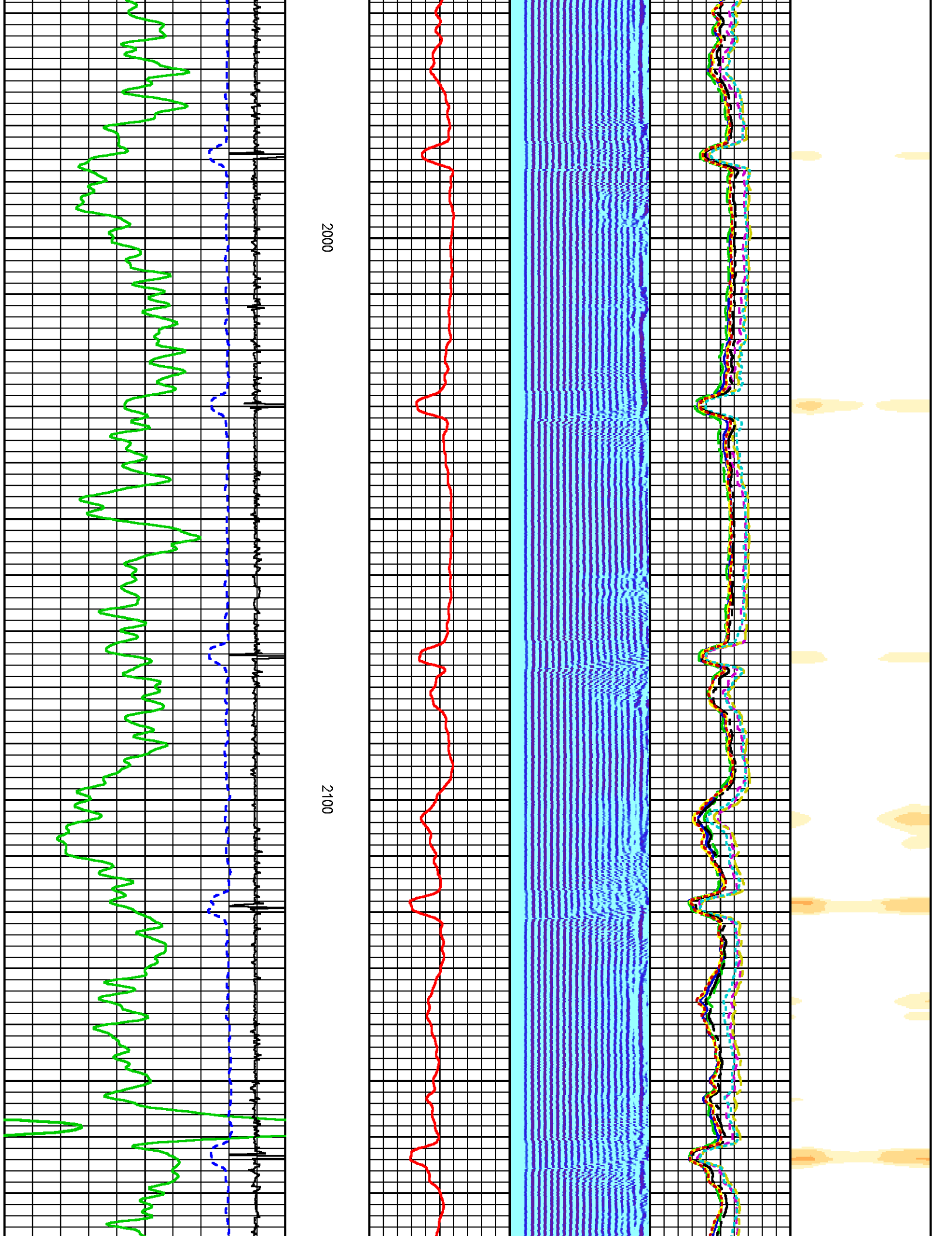




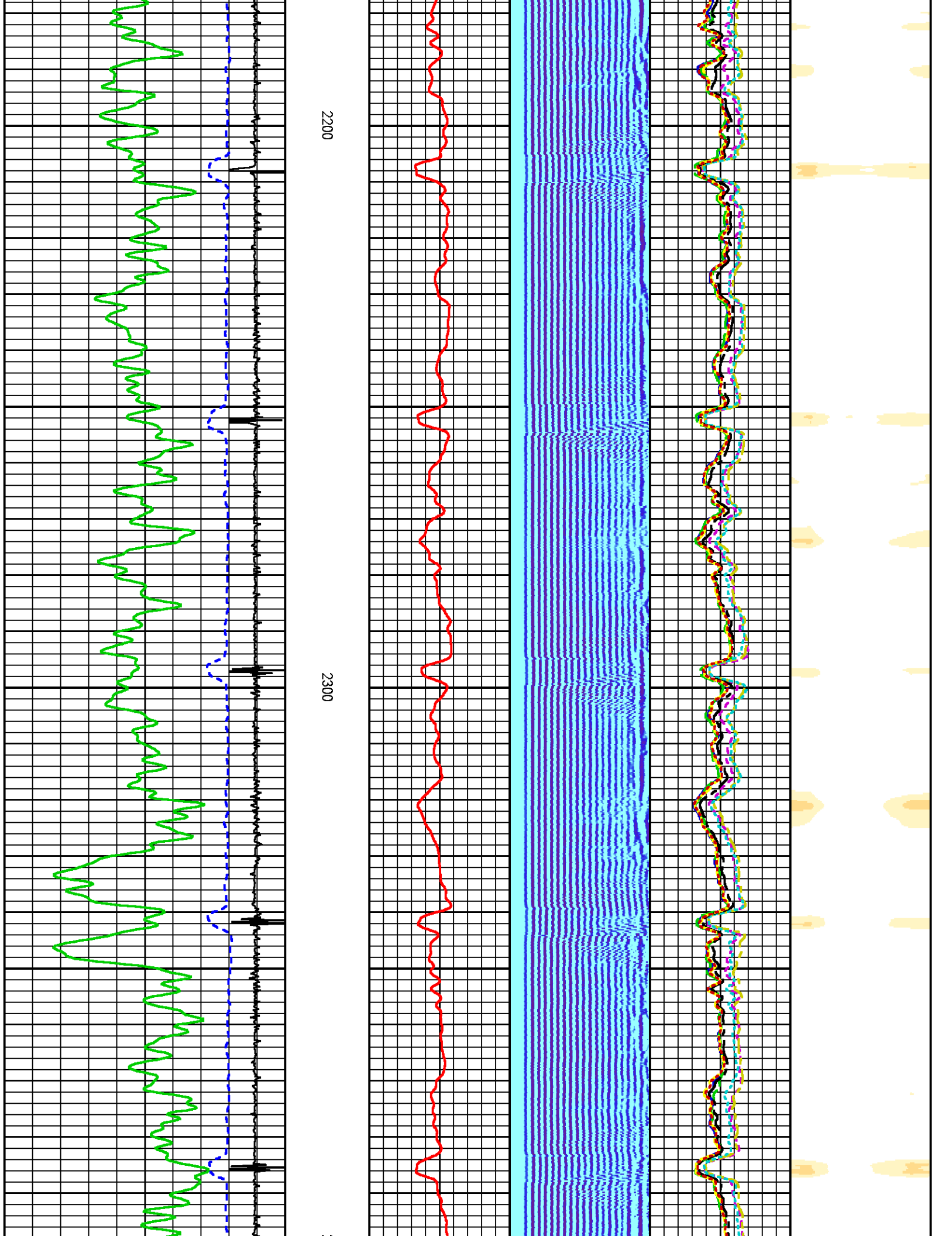
1800

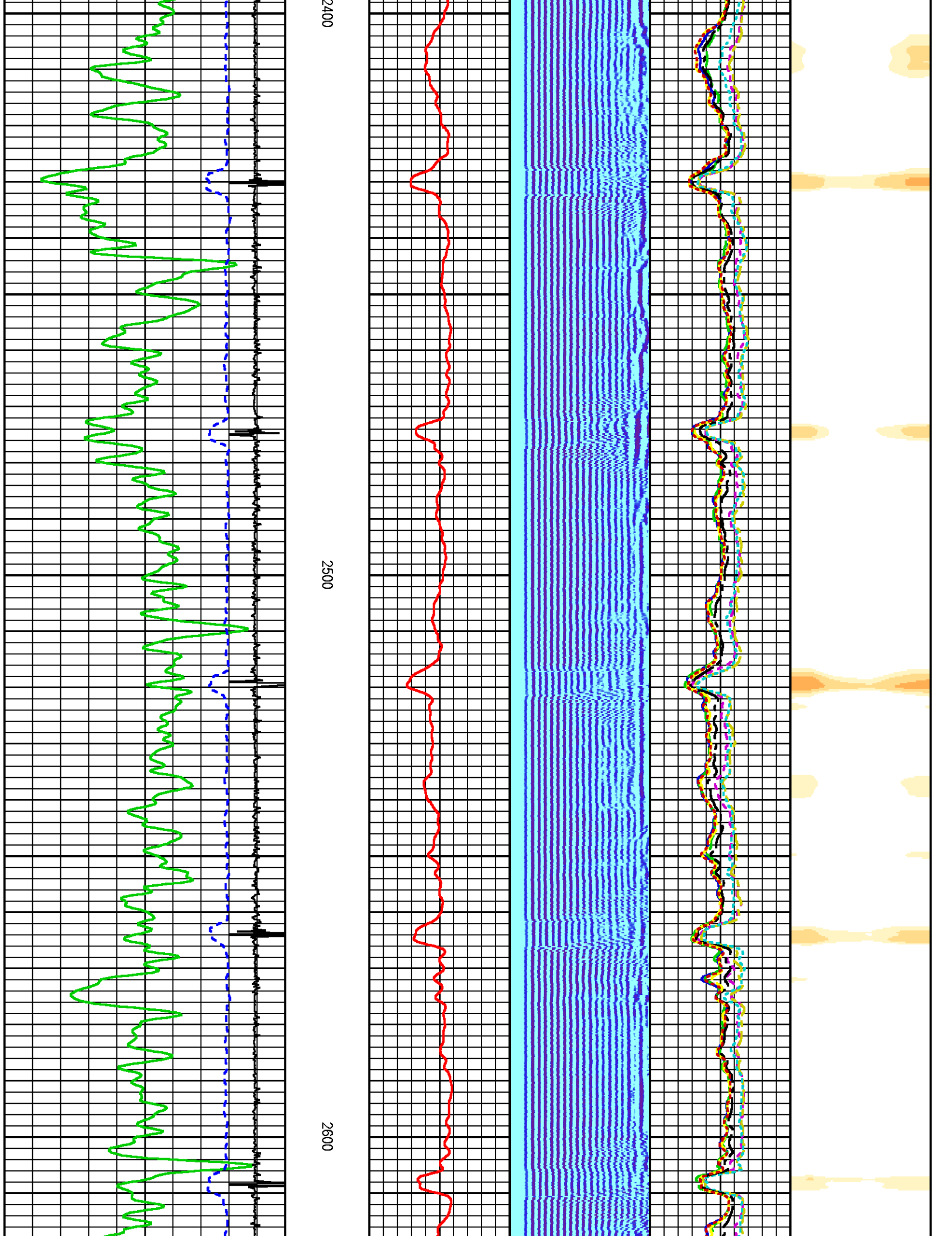
1900

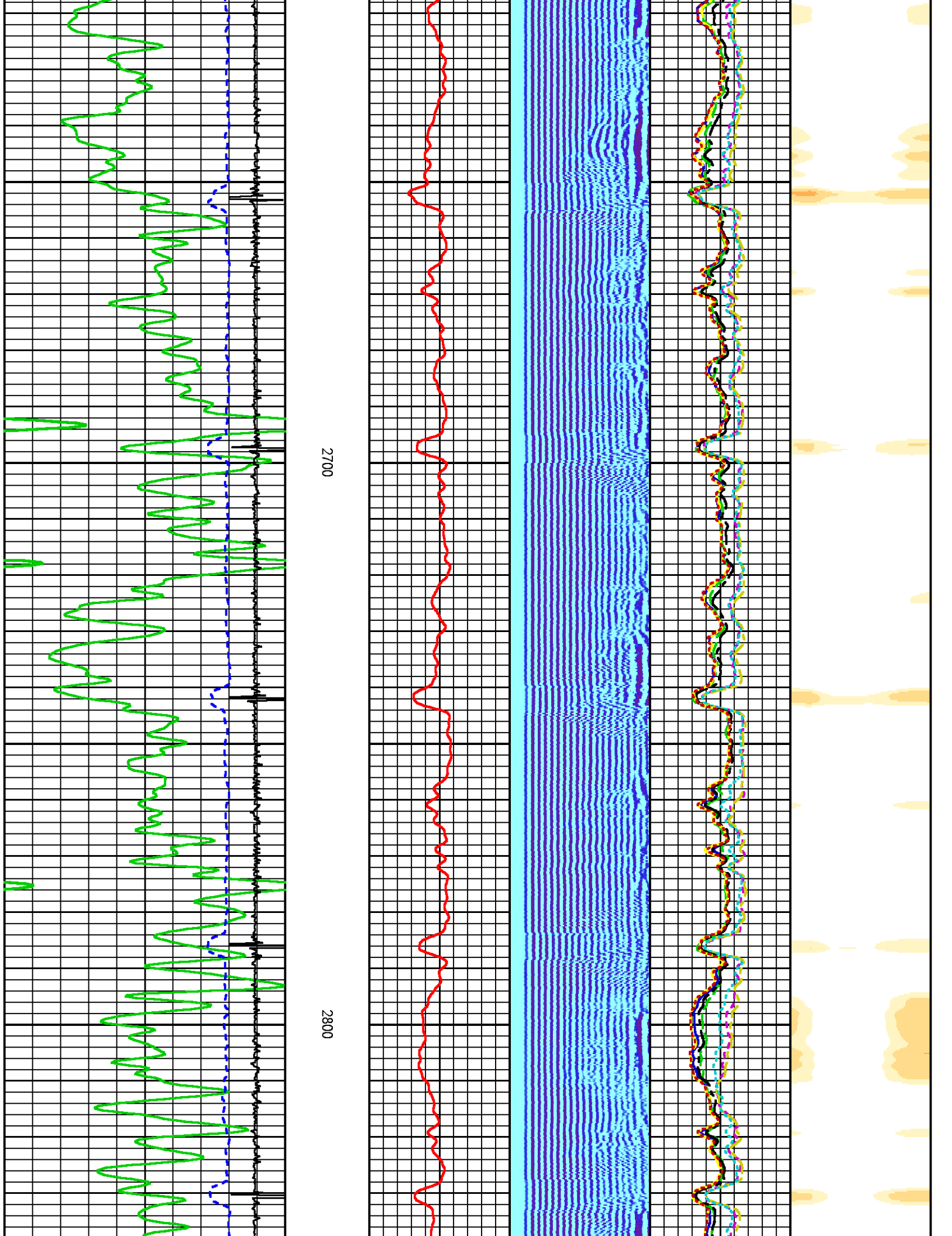


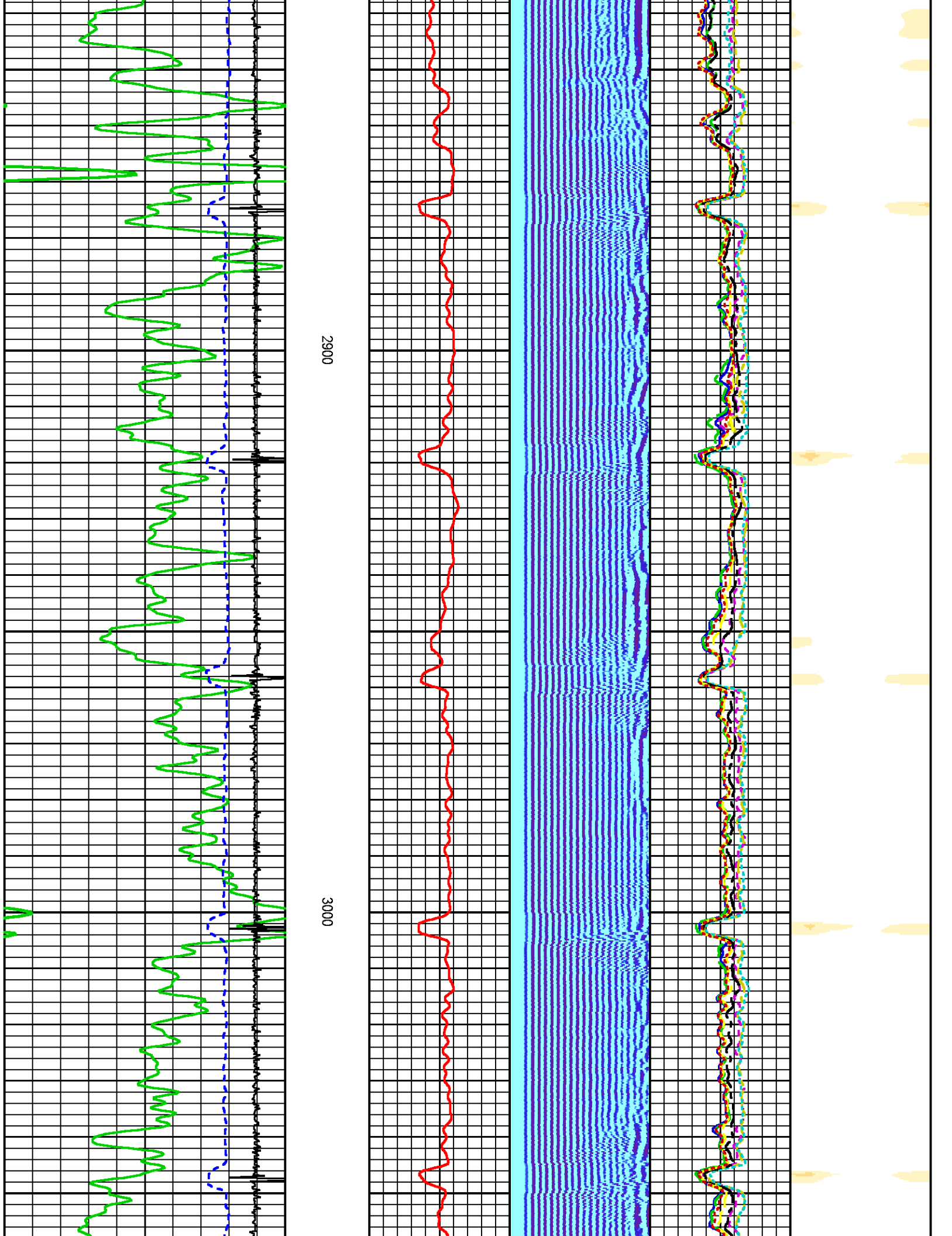




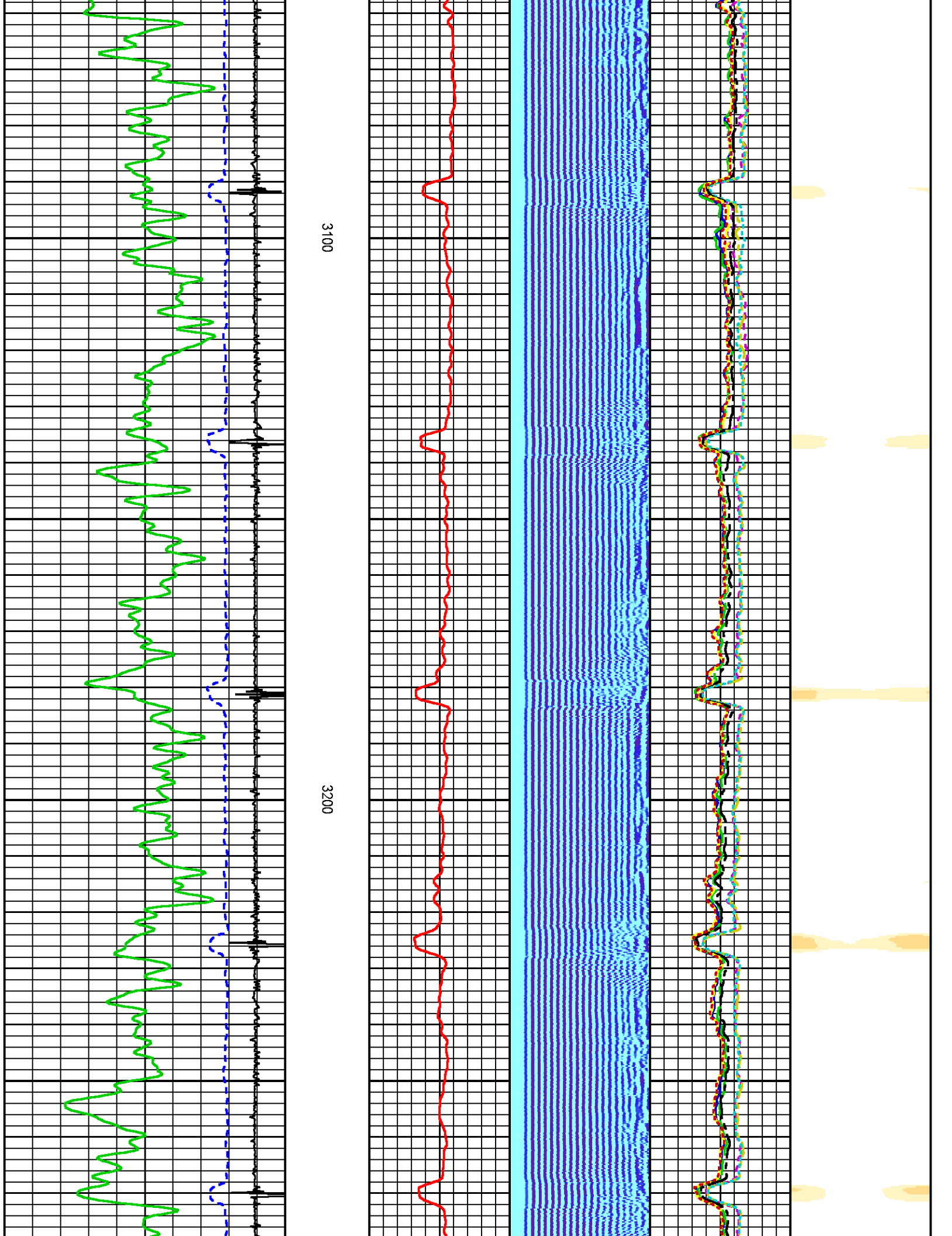


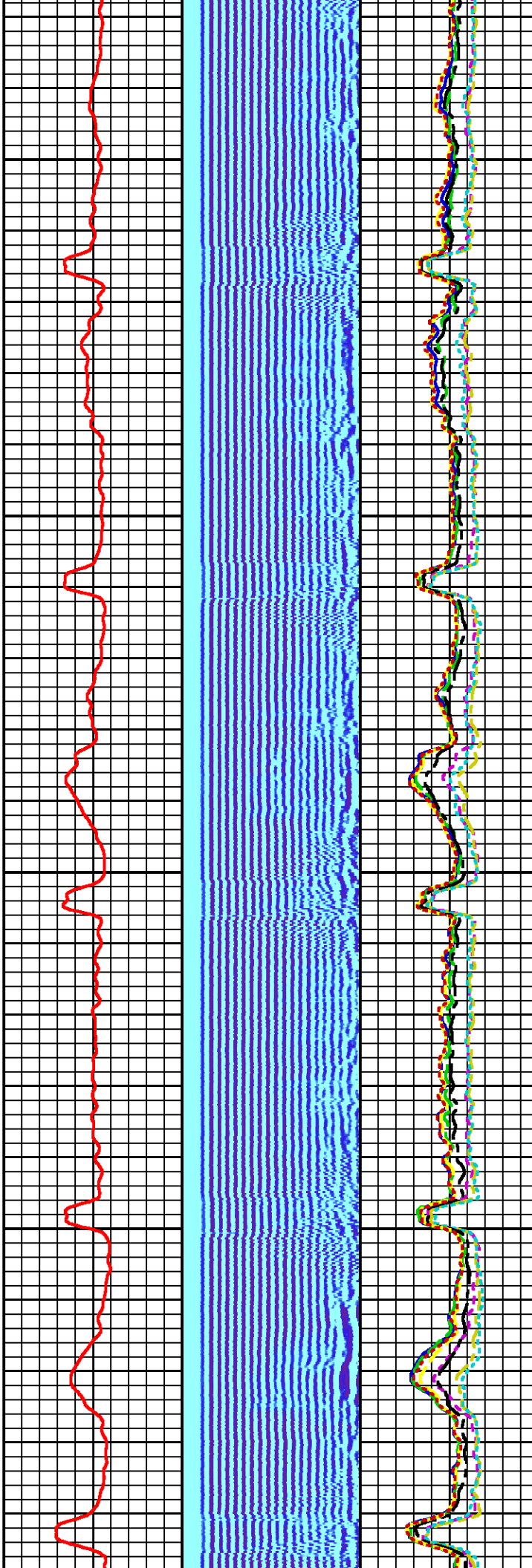
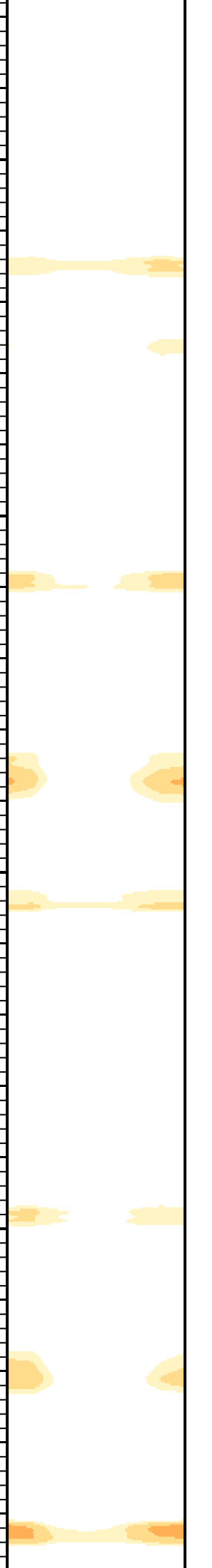






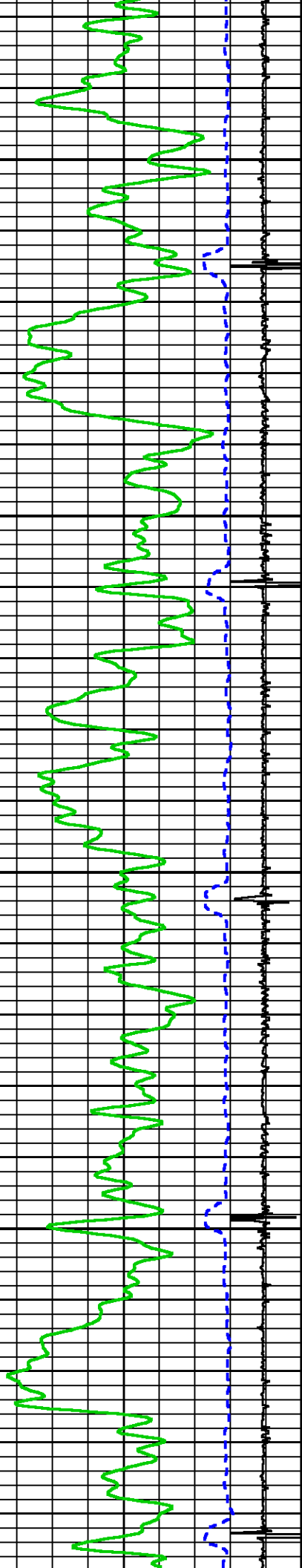


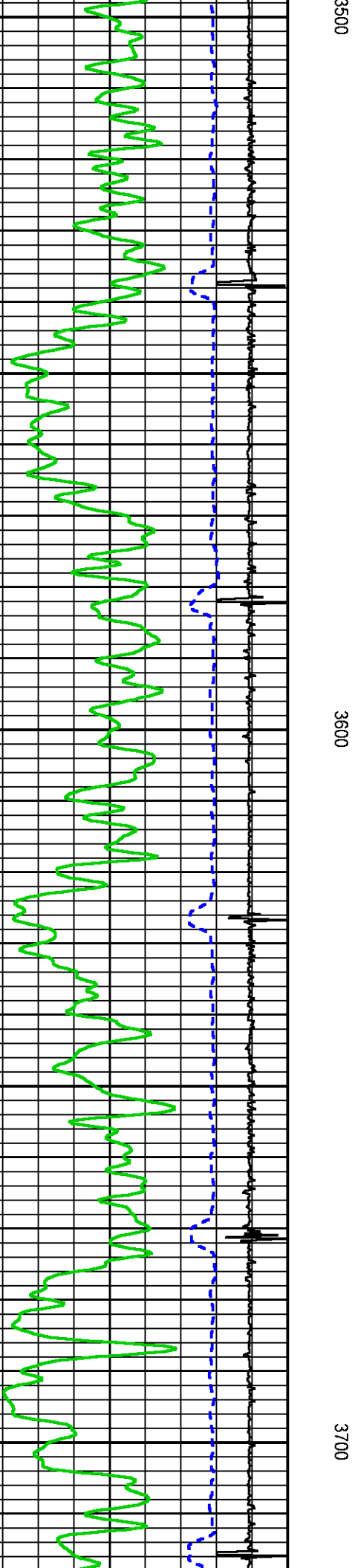
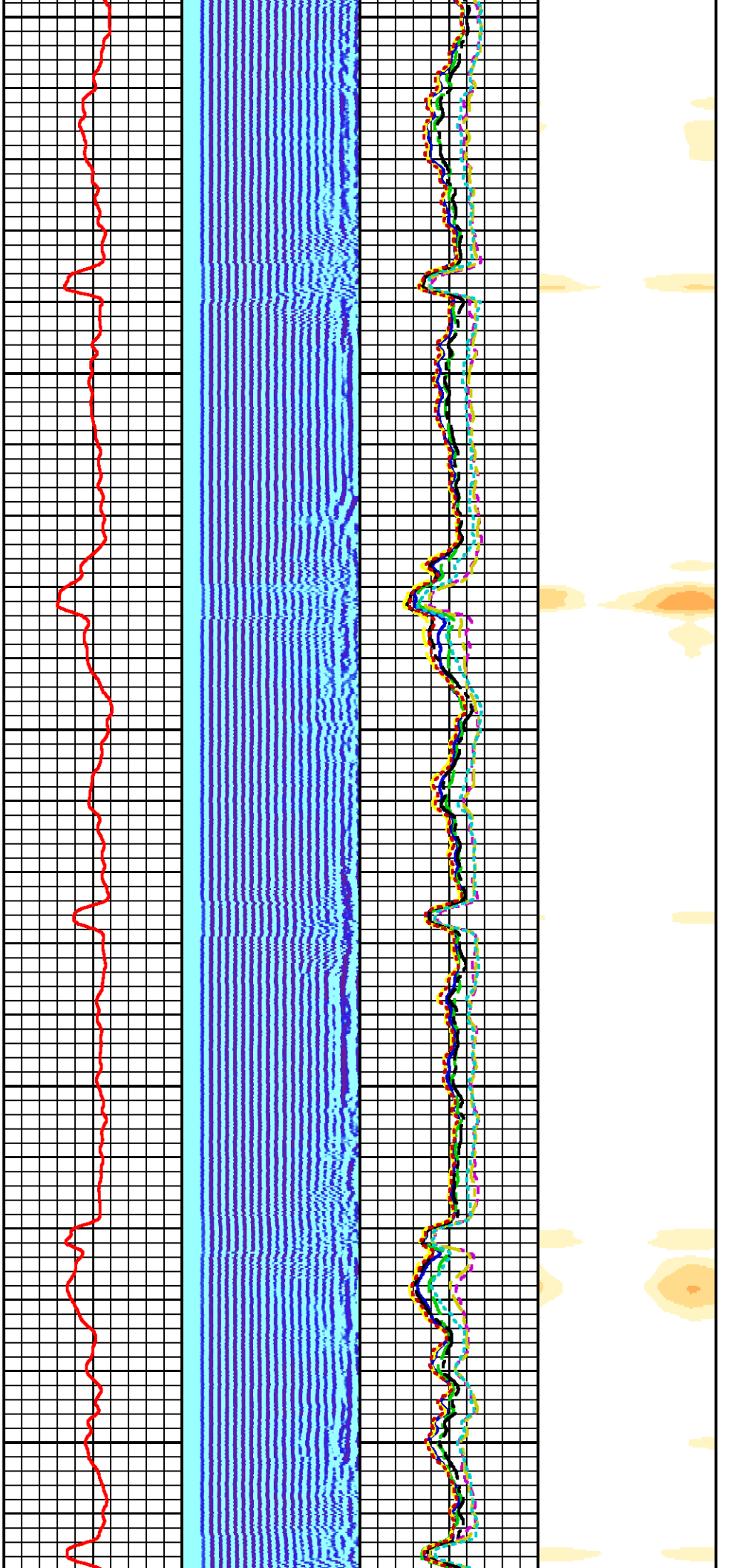


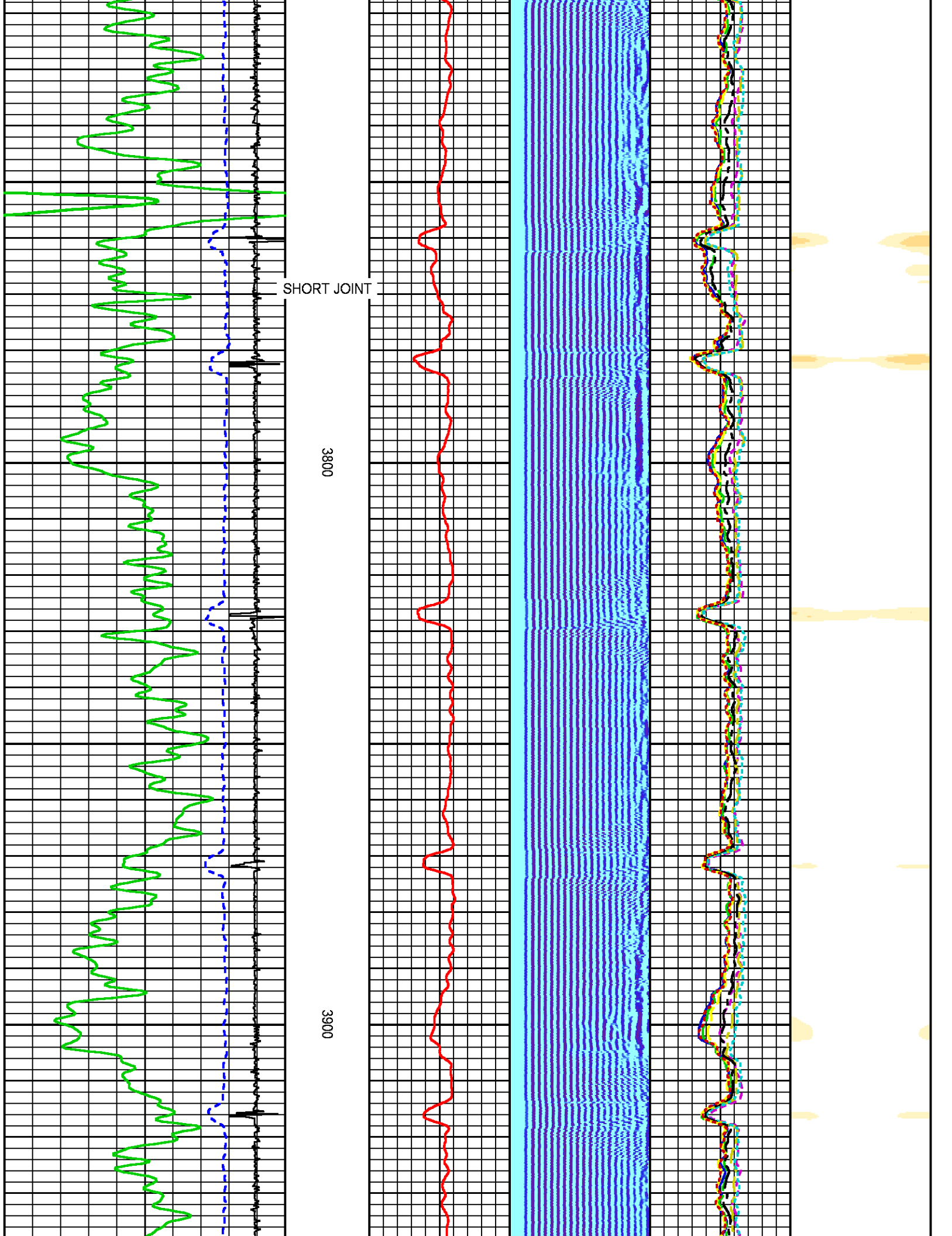


3300

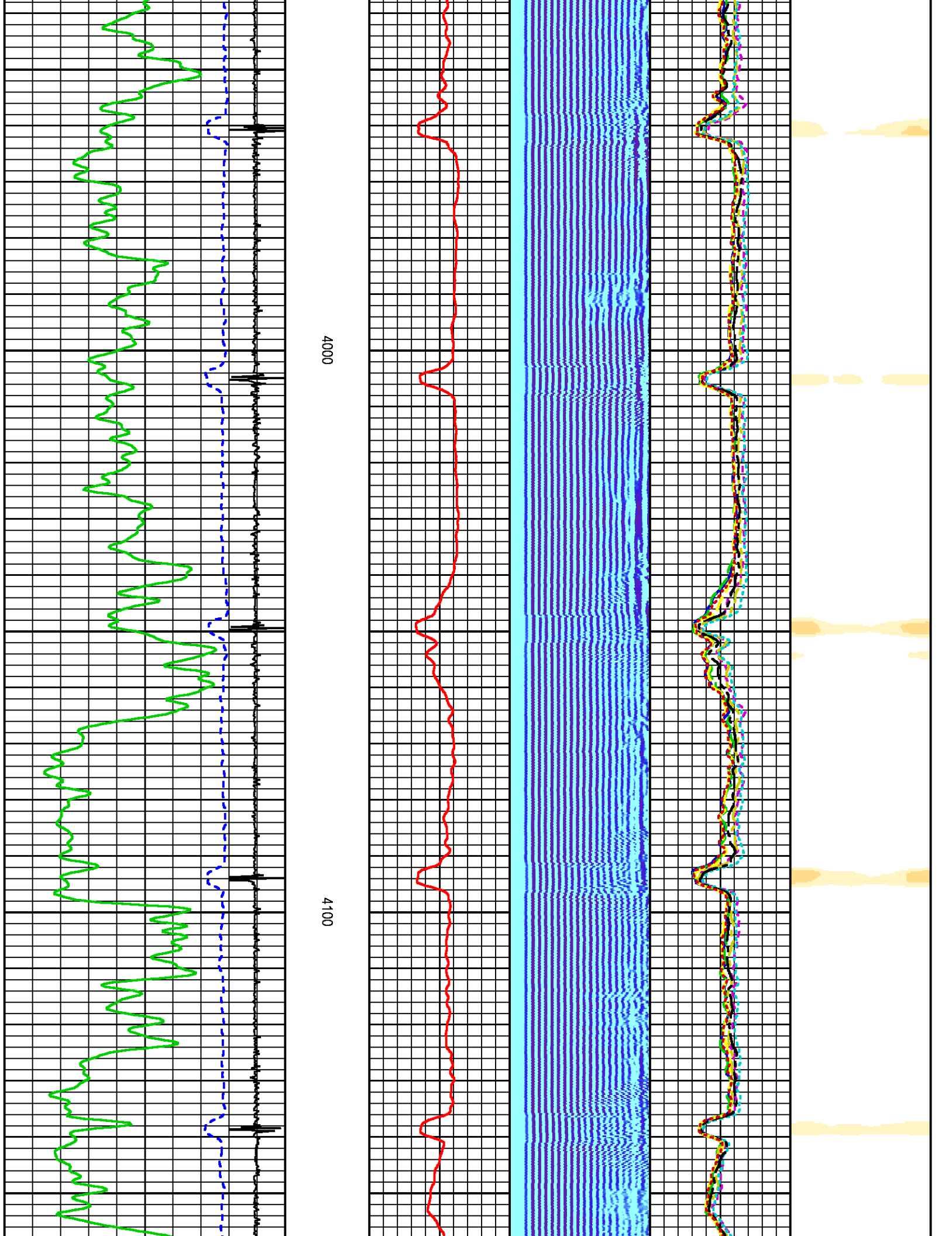
3400

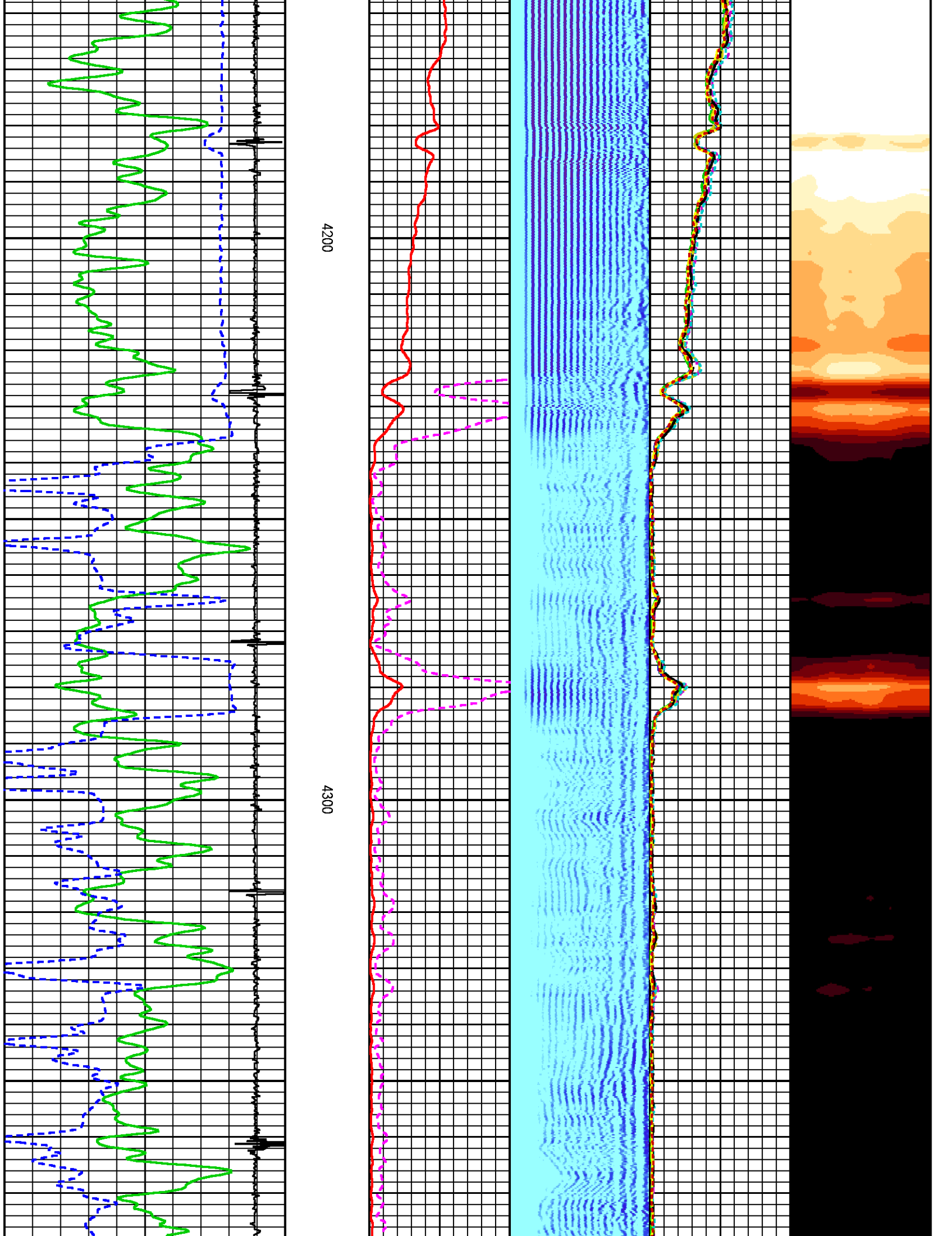


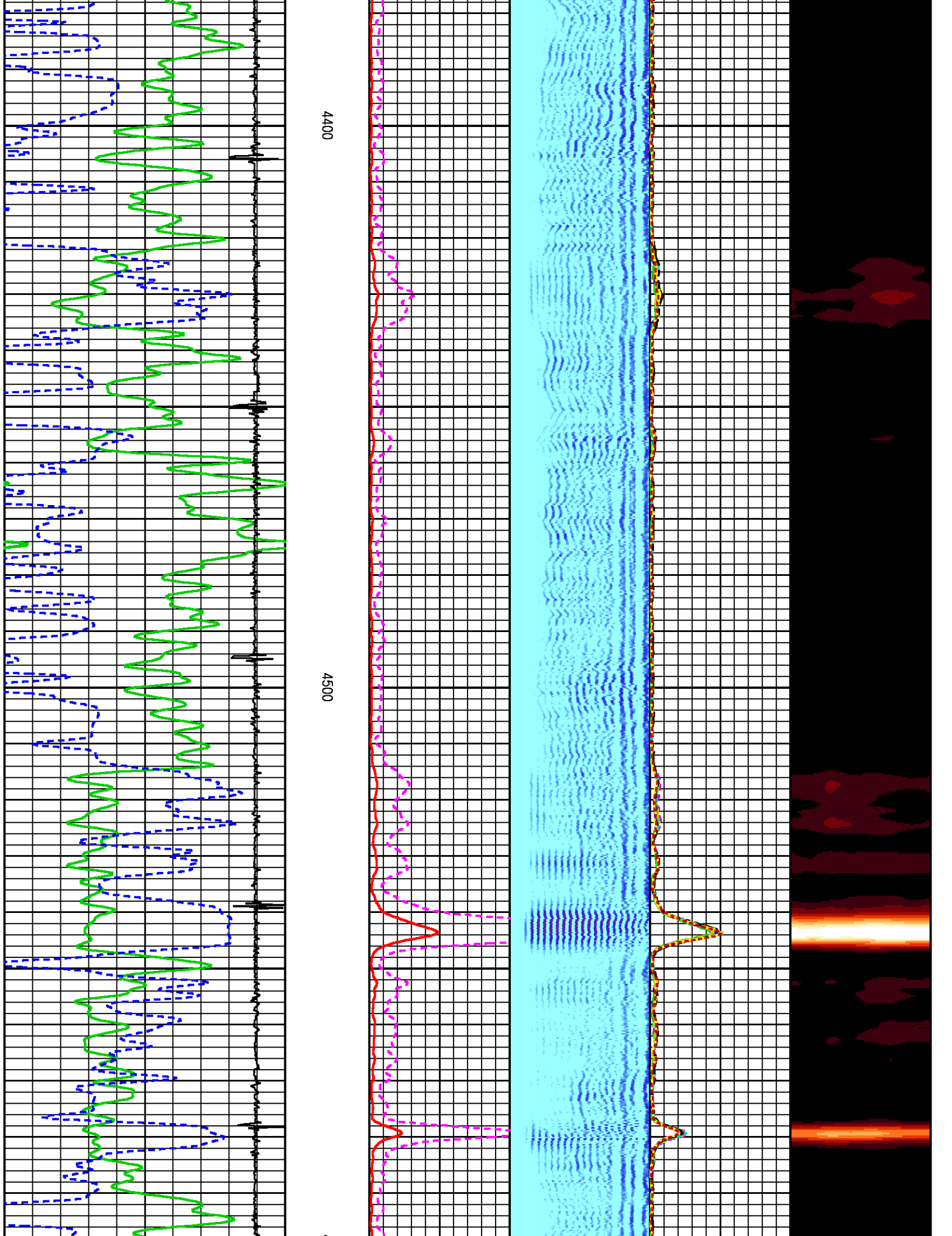


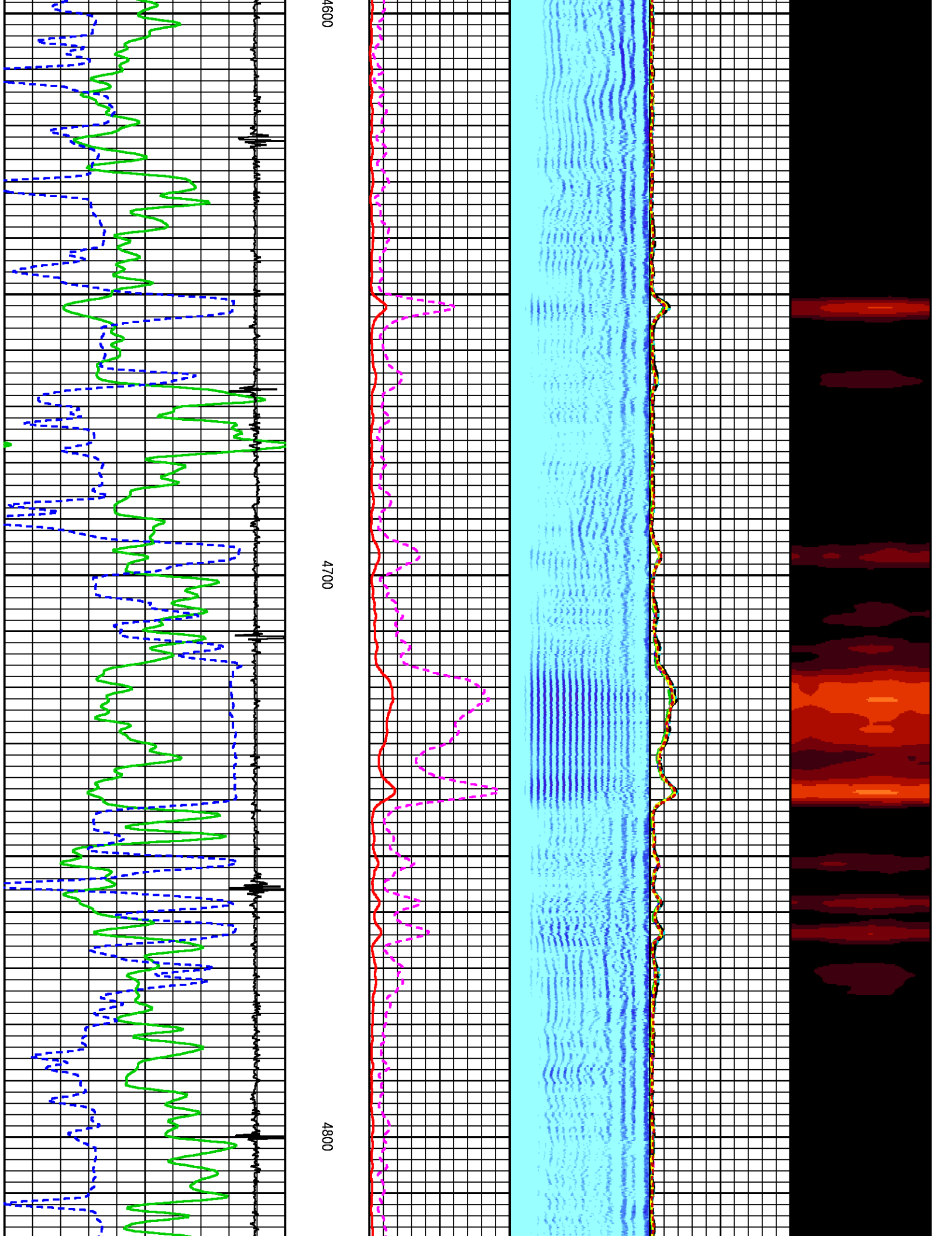




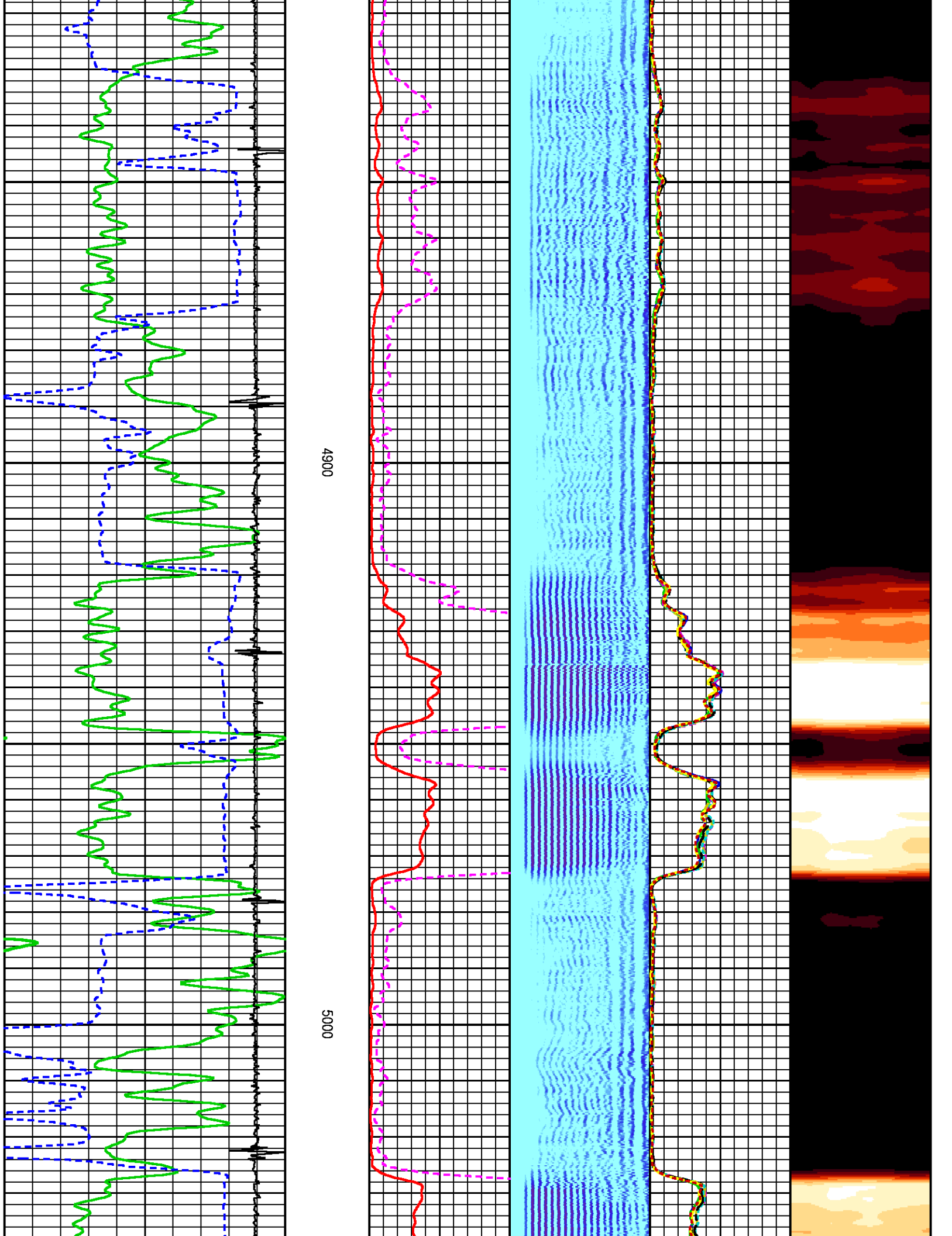


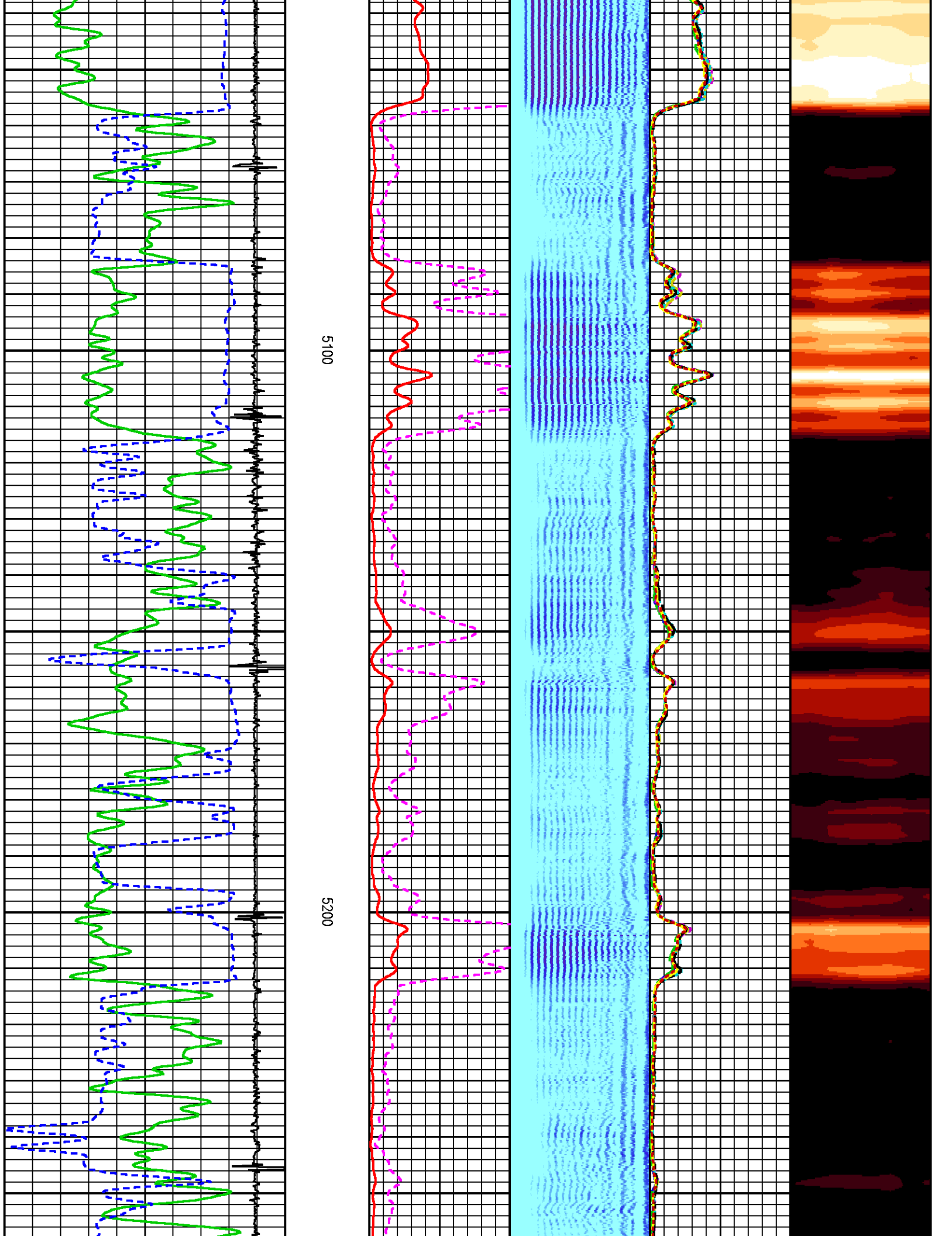


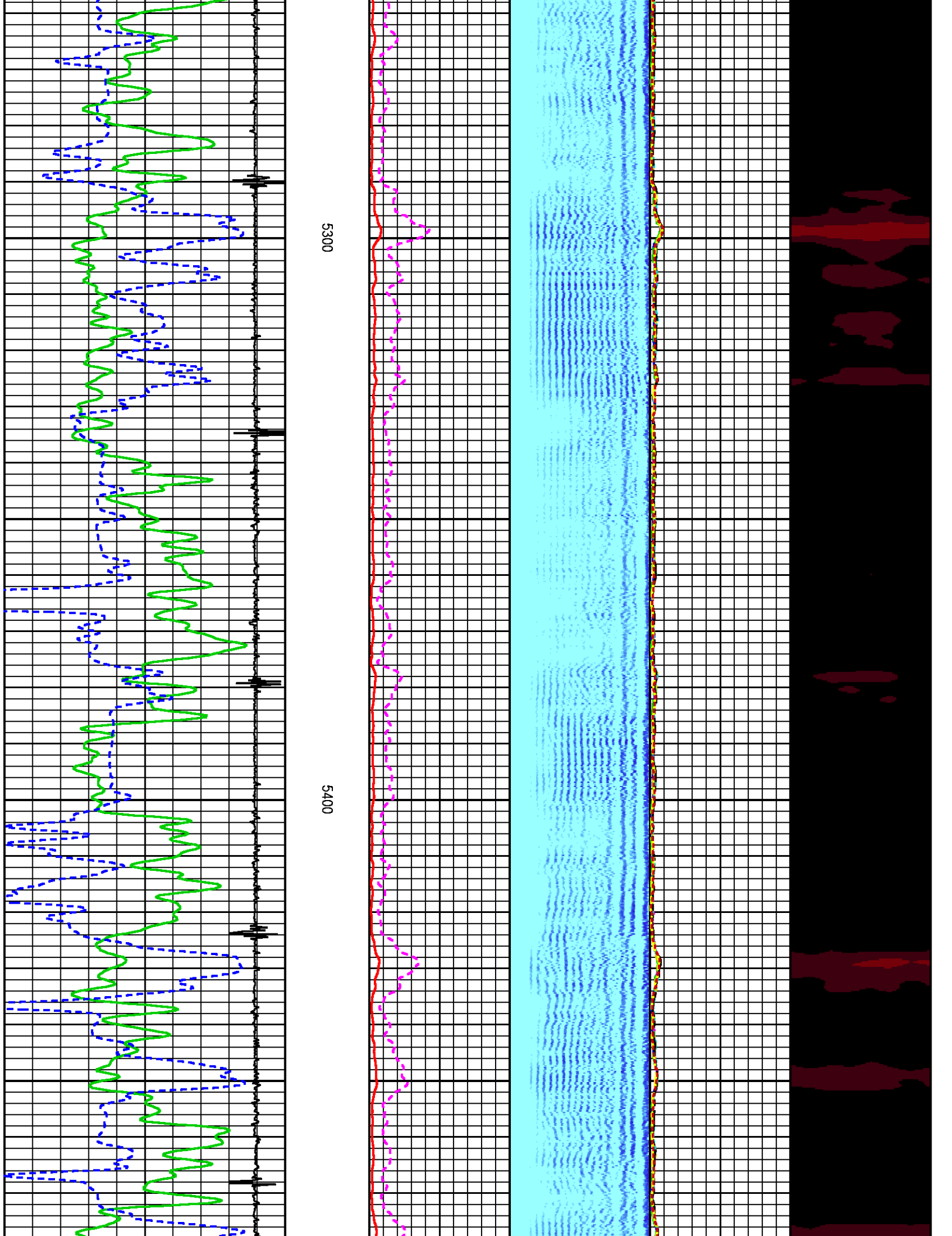


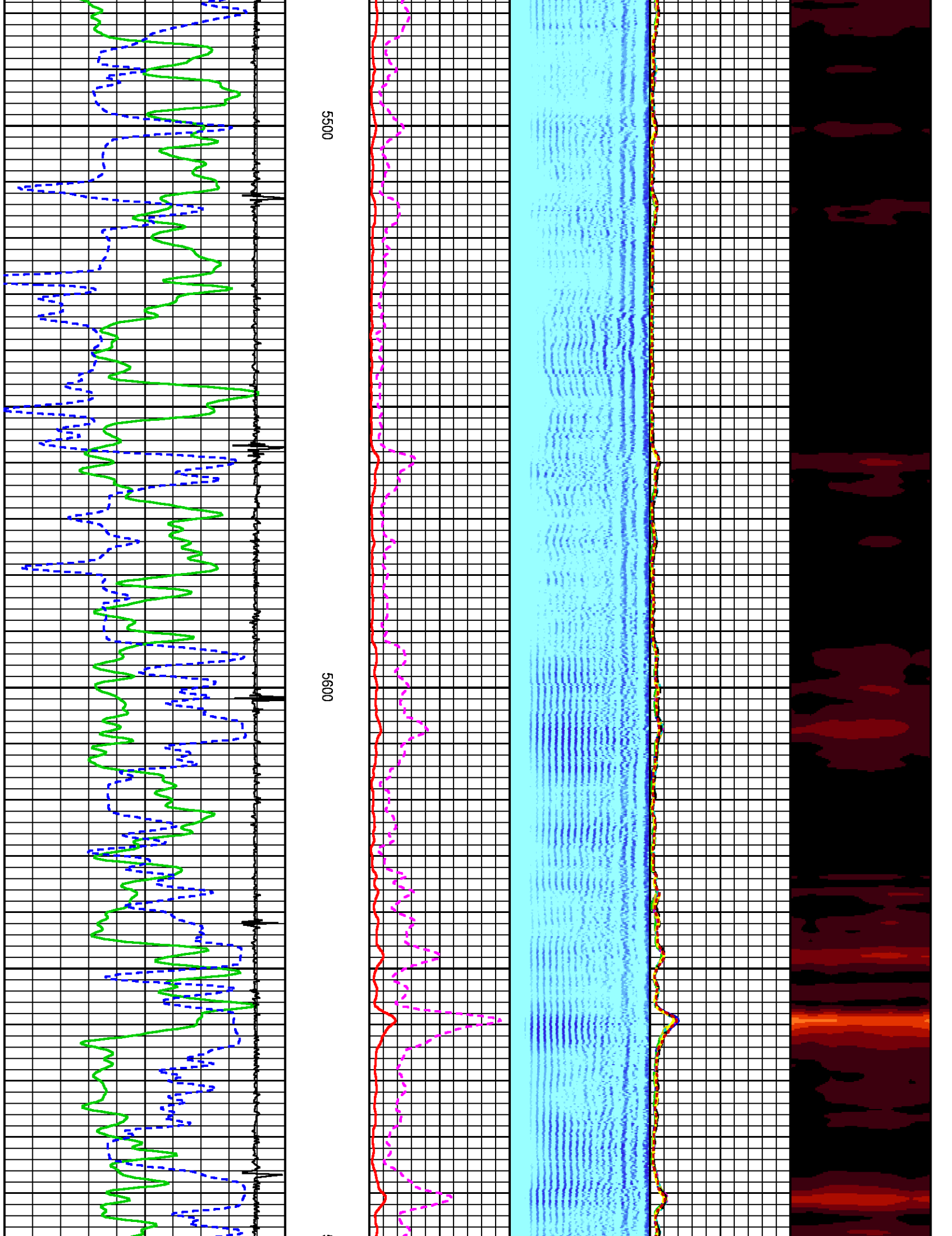




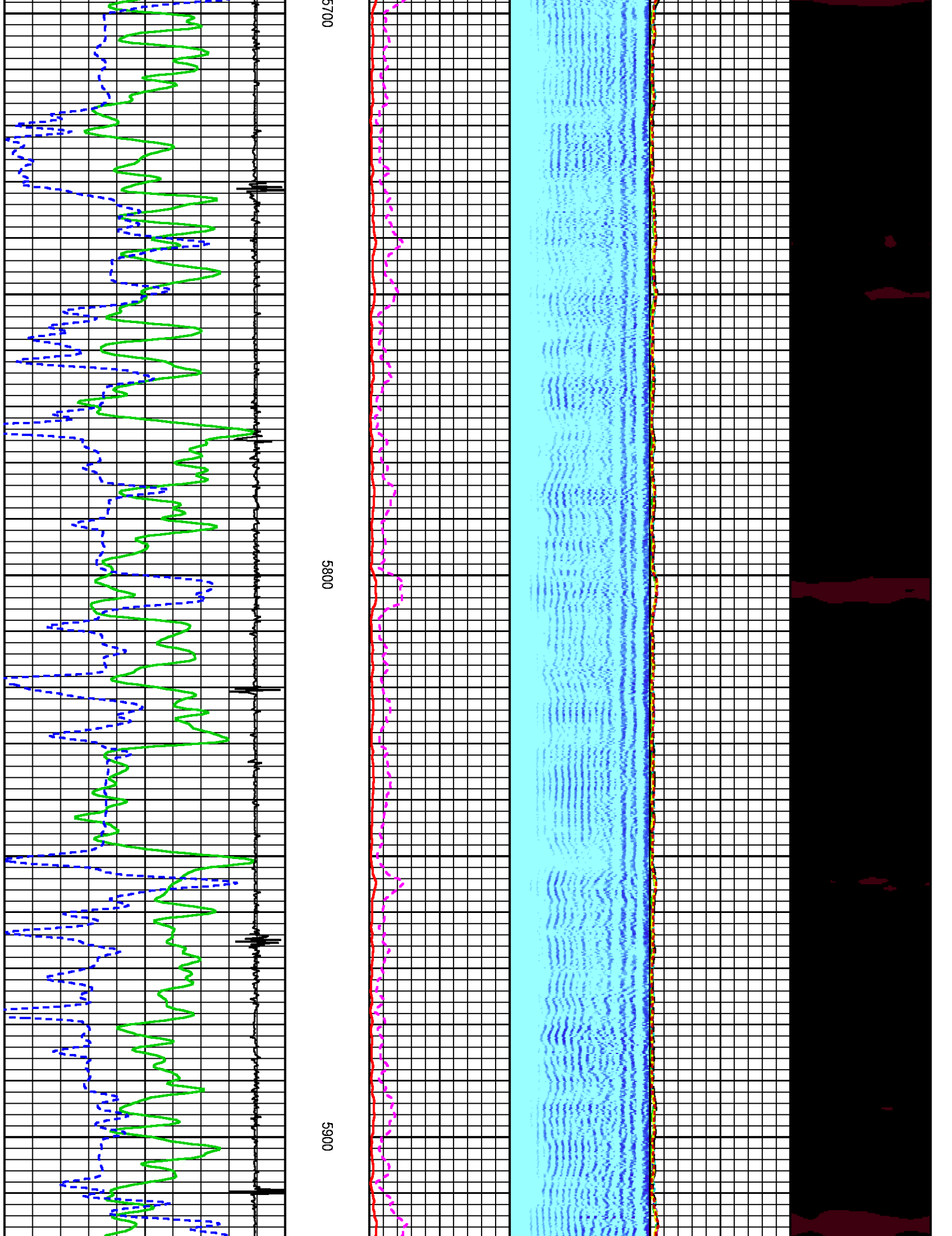


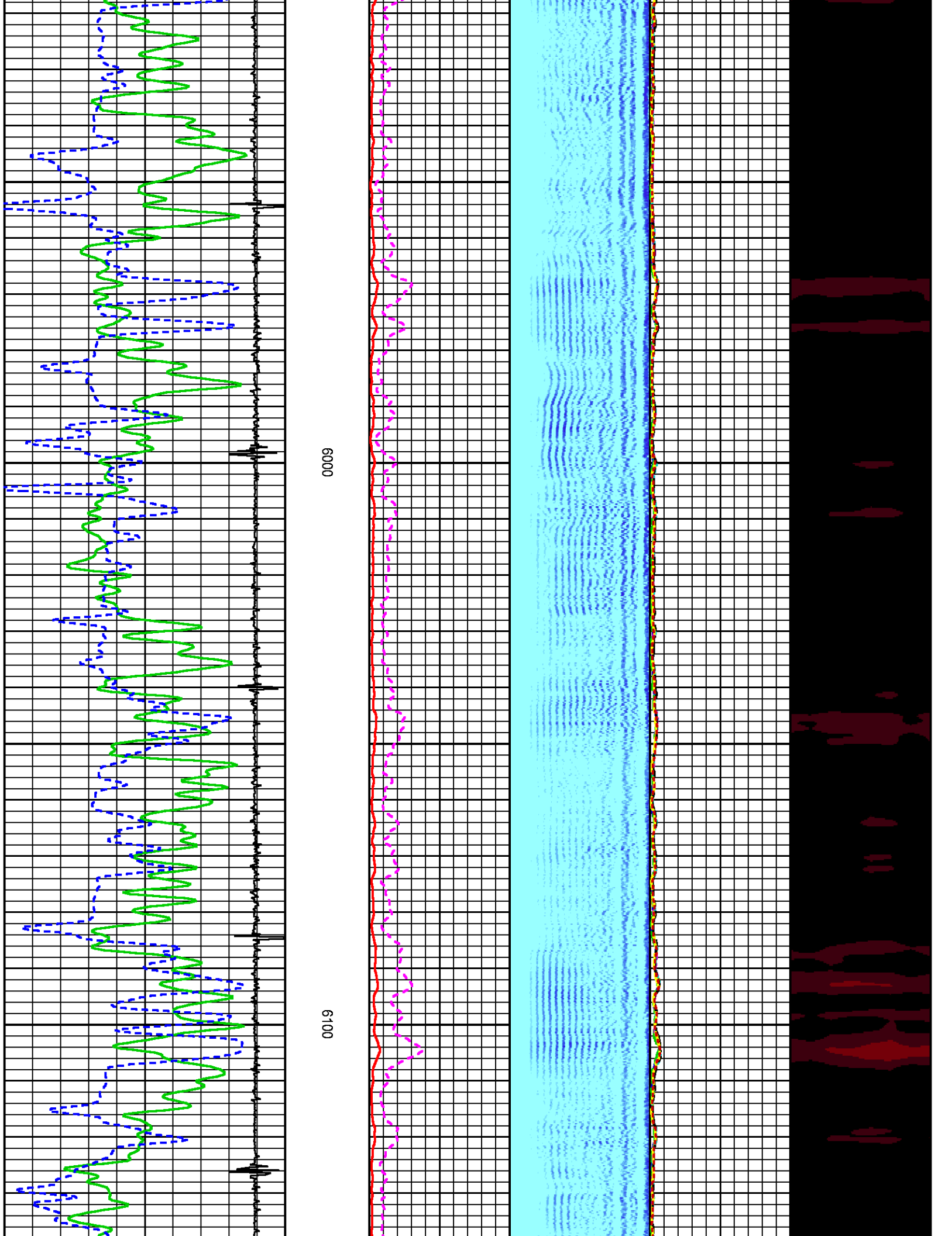


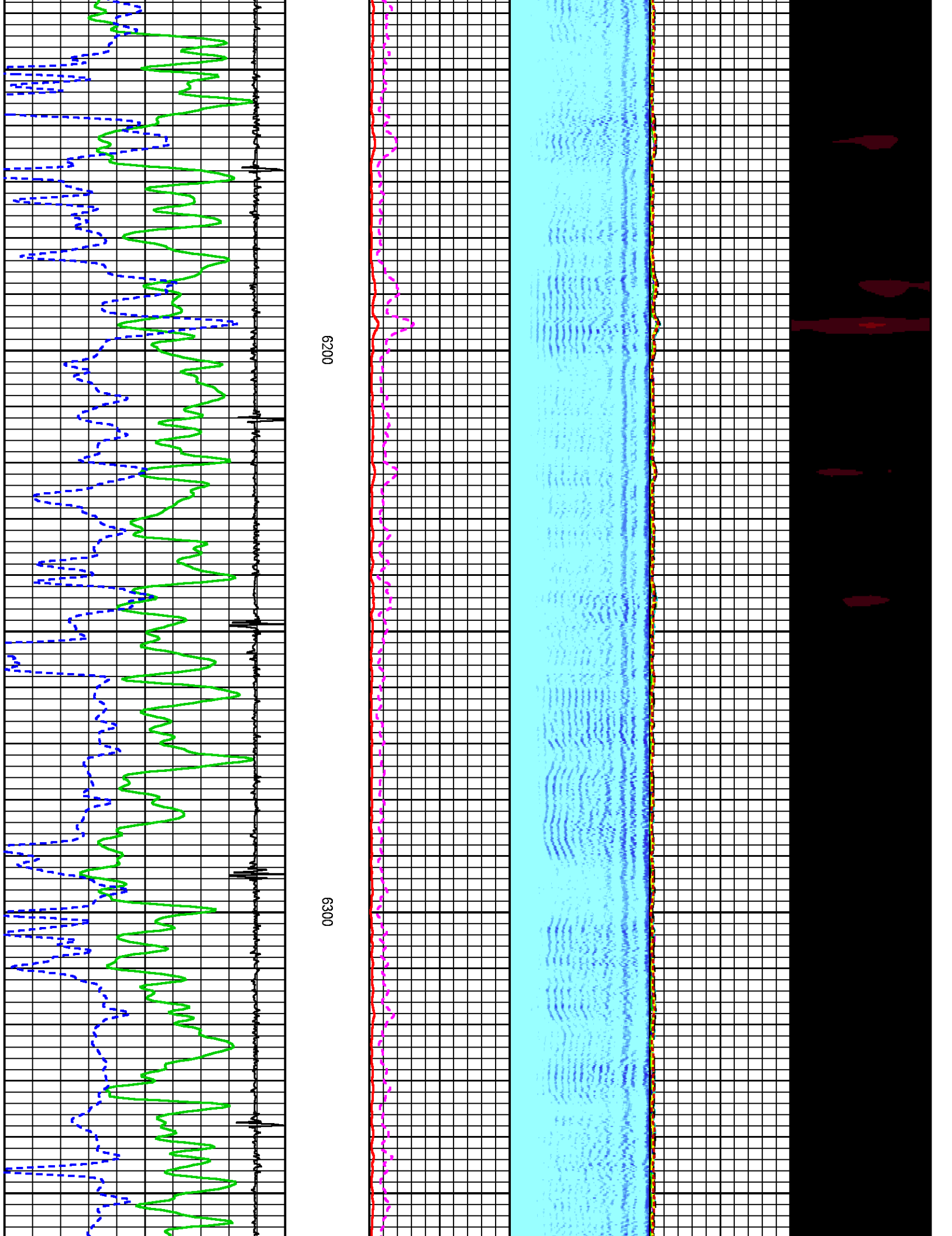


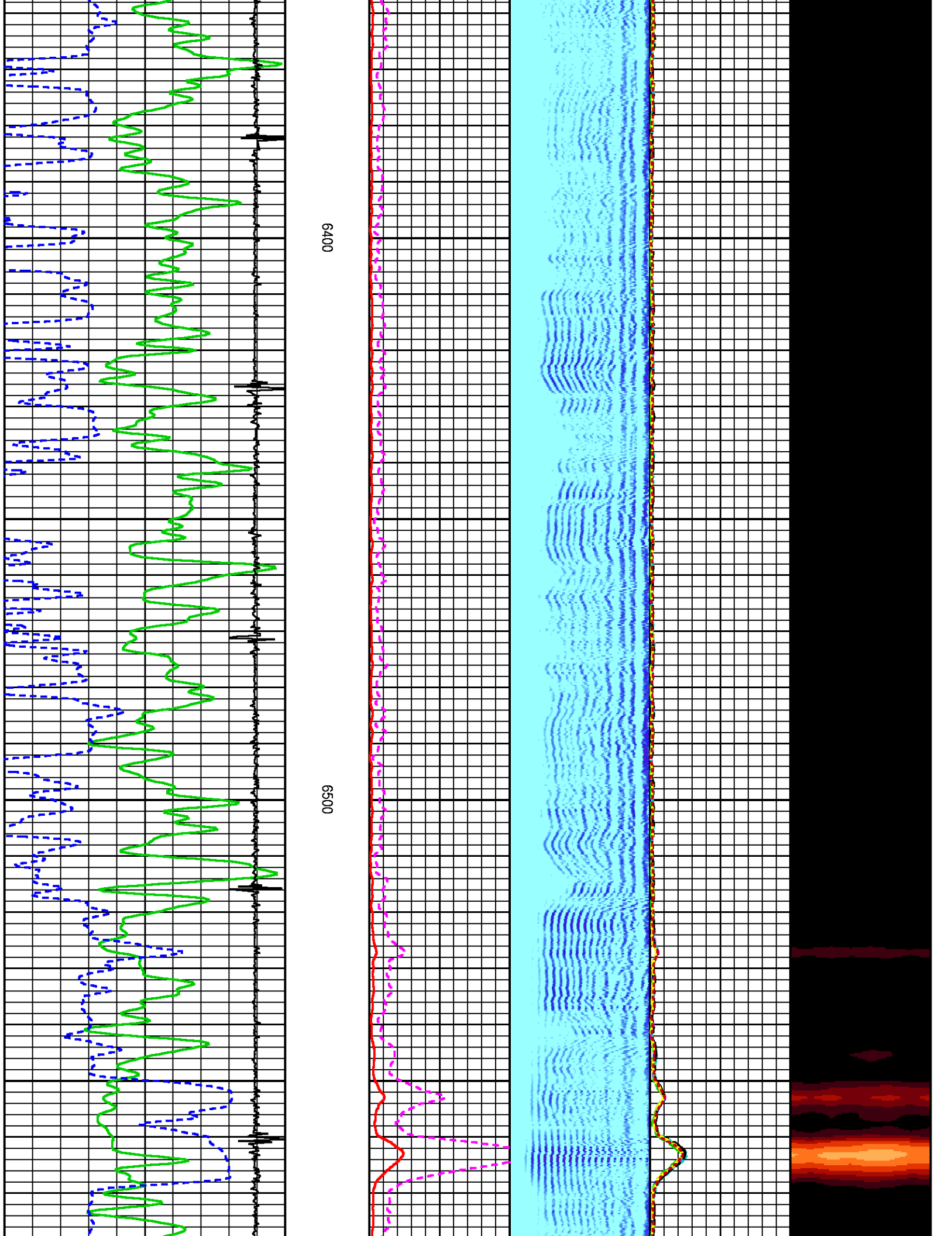




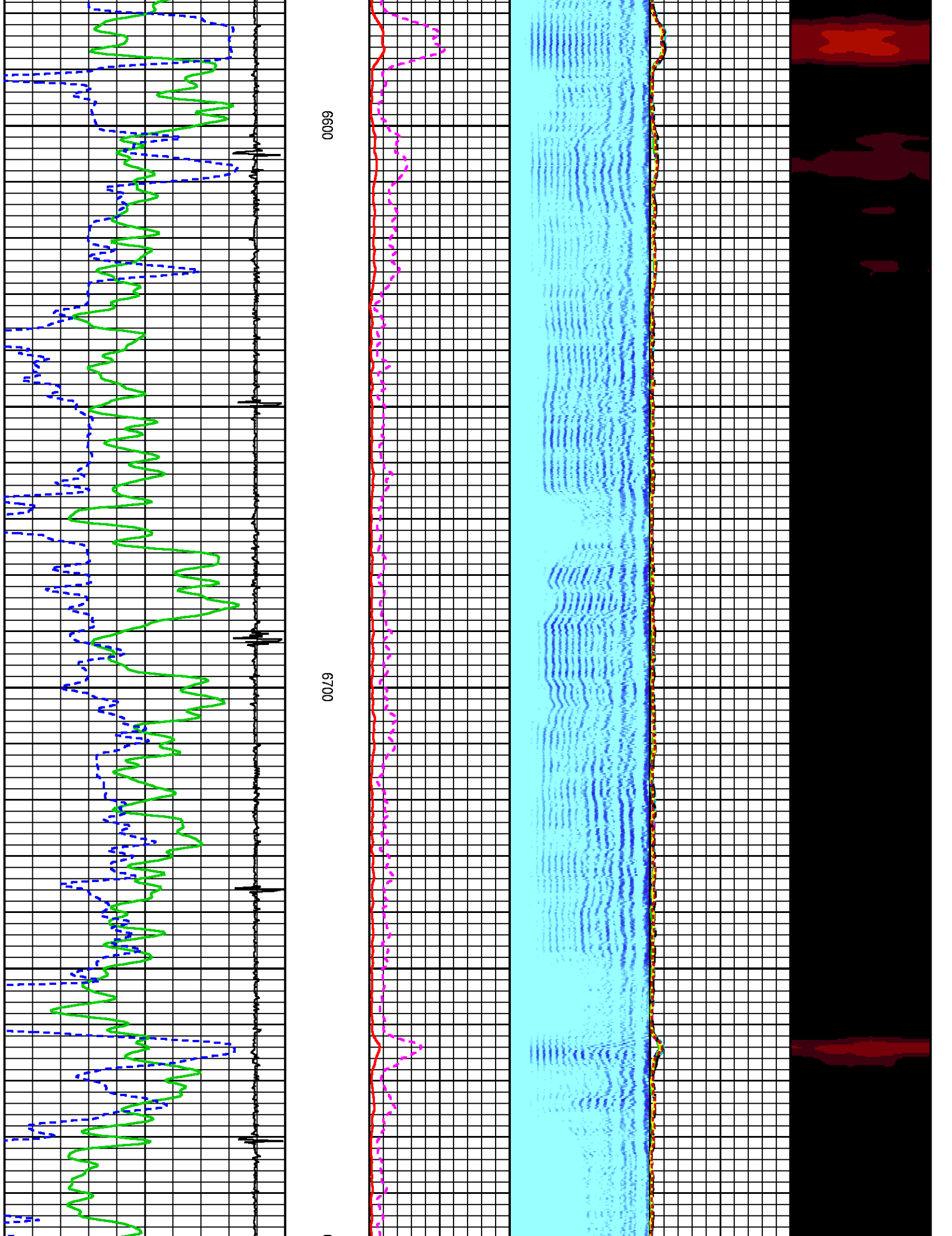


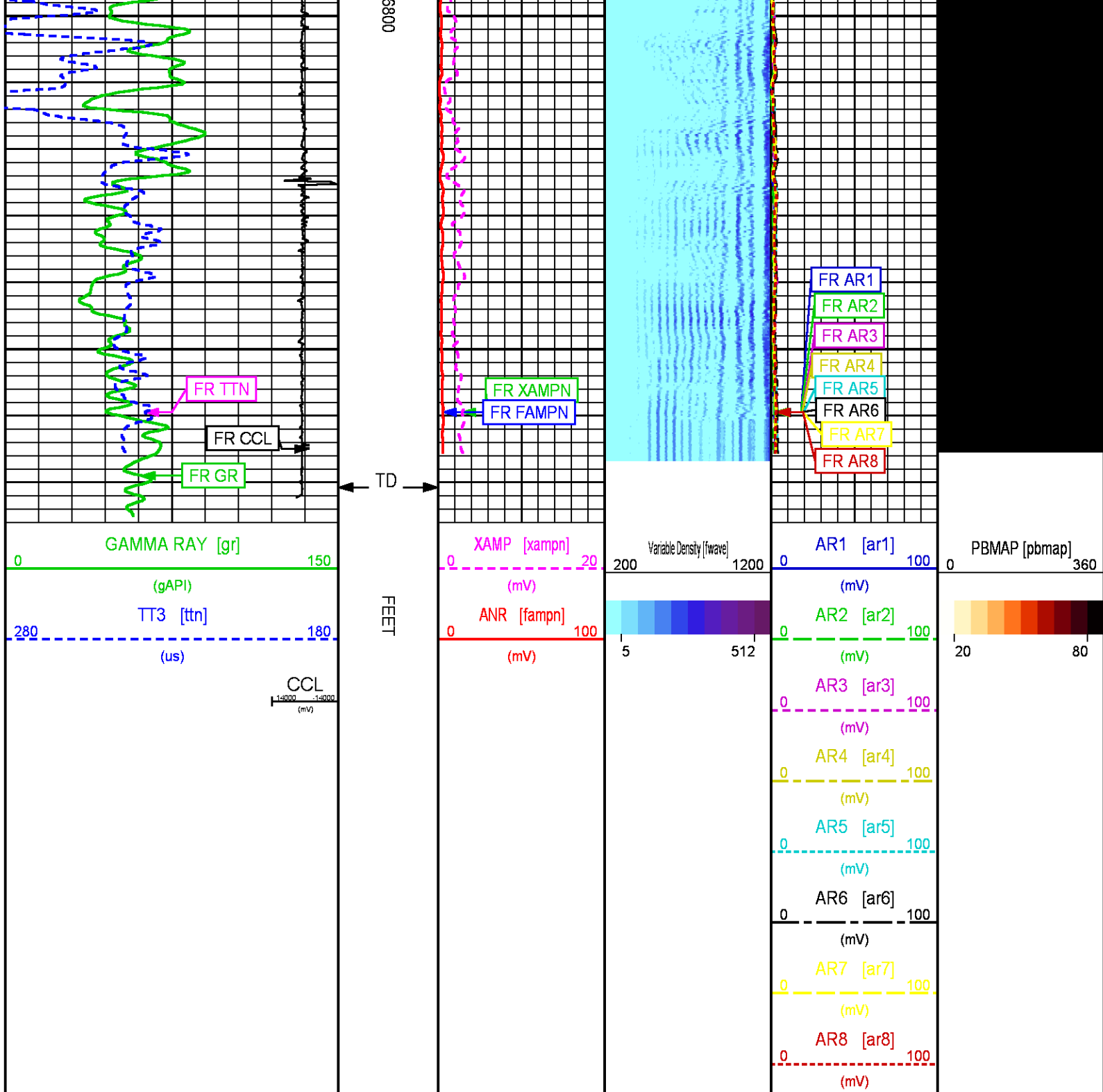












## CALIBRATION / VERIFICATION SUMMARY

Source File: C:\Users\spenj\Documents\WDIS\Jobs\WPX\IGM542-8\CH107932\012g.tp1

## RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Fri Jun 17 09:41:12 2016

UNIT #: 3885TC 6685

NEAR RADIAL FAR

	(mV)	(mV)	(mV)
TARGETS	100.00	100.00	150.00

	NEAR	R1	R2	R3	R4	R5	R6	R7	R8	FAR	CAL
ZERO (mV)	-0.03	0.13	0.01	0.11	0.03	-0.01	-0.02	-0.06	-0.02	0.20	-0.09
AMP FLUID (mV)	110	110	110	110	110	109	110	109	110	146	109
TT (us)	215	215	215	215	215	215	214	213	215	329	214
M FACTOR	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	1.03	0.92

## RAL BEFORE LOG VERIFICATION SUMMARY

NOT IN DATABASE

## GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1355XA 11871510

DATE/TIME PERFORMED: Fri Jun 17 09:45:46 2016

UNIT #: 3885TC 6685

CALB JIG #: 4702NK BA-905

	BACKGROUND (cts)	CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	54.71	230.84	176.1	0.852	46.59	196.59	150

## INSTRUMENT CONFIGURATION

Source File: C:\Users\spenjosi\Documents\VDIS\Jobs\WPX\IGM542-8\CH107932\012g~tdg.meta

### CABLEHEAD

Diameter : 2.75"  
Length : 2.25'  
Weight : 10 lbs  
Series : CABL234

20.38'

### RADIAL BOND TOOL

Diameter : 2.75"  
Length : 11.17'  
Weight : 126 lbs  
Series : 1426XA  
Mnemonic : RAL  
Measure Point: 4.21': NEAR RCVR  
Measure Point: 3.25': FAR RCVR

NEAR RCVR 11.17'

FAR RCVR 10.21'

RAL GR/TEMP/CCL/CHV DETECTOR

Diameter : 2.75"  
 Length : 6.96'  
 Weight : 85 lbs  
 Series : 1355XA  
 Mnemonic : RAL  
 Measure Point: 5.79': CCL  
 Measure Point: 1.67': GR  
 Measure Point: 0.17': TEMP




CCL 5.79'

GR 1.67'

TEMP 0.17'

TOTAL LENGTH: 20.38'  
 TOTAL WEIGHT: 225 lbs  
 MAX DIAMETER: 0'4.25"

	<b>COMPANY</b> <u>WPX ENERGY</u>		<b>FILE NO:</b> <u>CH107932</u>
	<b>WELL</b> <u>FEDERAL GM 542-8</u>		<b>API NO:</b> <u>05045225340000</u>
	<b>FIELD</b> <u>GRAND VALLEY</u>		
	<b>COUNTY</b> <u>GARFIELD</u>	<b>STATE</b> <u>COLORADO</u>	
<b>LOCATION:</b> SHL:669'FNL&549'FWL, S9 T7S R96W BHL:2378'FNL&306'FEL, S8 T7S R96W		<b>ELEVATIONS:</b> KB 6111 FT DF GL 6087 FT	SEC.8 T.7S R.96W PAD: MV 16-9 RIG: H&P 318
SEC <u>8</u> TWP <u>7S</u> RGE <u>96W</u>		DATE <u>19-Jun-2016</u>	