



FILE NO: CH096694	COMPANY WELL FIELD COUNTY	WPX ENERGY YOUBERG RU 644-7 RULISON GARFIELD	STATE COLORADO
API NO: 05045225180000			

Ver. 4.01 7 7S 93W RU 44-7 PAD NABORS 576	LOCATION: SHL: 1121' FSL & 1184' FEL BHL: 249' FSL & 881' FEL SEC 7 TWP 7 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	05-Jul-2015
RUN	1
SERVICE ORDER	US096694
DEPTH DRILLER	10030 FT
DEPTH LOGGER	9941 FT
BOTTOM LOGGED INTERVAL	9931 FT
TOP LOGGED INTERVAL	26 FT
TIME STARTED	9:00
TIME FINISHED	12:00
OPERATOR RIG TIME	3 HOURS
TYPE OF FLUID IN HOLE	WATER
FLUID DENSITY	NA
FLUID SALINITY	NA
FLUID LEVEL	75 FT
LOGGED CEMENT TOP	SEE LOG
WELLHEAD PRESSURE	0 PSI
MAXIMUM HOLE DEVIATION	NA
NOMINAL LOGGING SPEED	60 FMIN
MAX. RECORDED TEMP.	252 DEGF
REFERENCE LOG	NONE
REFERENCE LOG DATE	NA
EQUIP. NO.	6670
LOCATION	GRAND JCT.
RECORDED BY	P. EDWARDS
WITNESSED BY	B. O'DELL

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	1309 FT
8.75 IN	1309 FT	10030 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN			26 FT	1309 FT
4.5 IN	11.6 LB/F	P-110	26 FT	10030 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.

The amount of linear shift is 15 feet.

Logged with zero PSI at wellhead.

BHT = 252 degF

SJ = 6755' - 6774'

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10417452	CENTRALIZED
1	1	CCL/GR	1355XA	11871508	CENTRALIZED

PRIMARY PRESENTATION 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1 Patches: 6

Plotted: Sun Jul 5 12:37:47 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096694/n012g02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1.000 ft BOTTOM DEPTH: 9926.250 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	heavy (3)		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	30	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*)	-68	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	131	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jul 5 09:55:32 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jul 5 09:55:32 2015	FAR WAVE FORM
F1:GR	Jul 5 09:55:32 2015	GAMMA RAY
F1:TTN	Jul 5 09:55:32 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

CURVE MEASURE POINT OFFSET

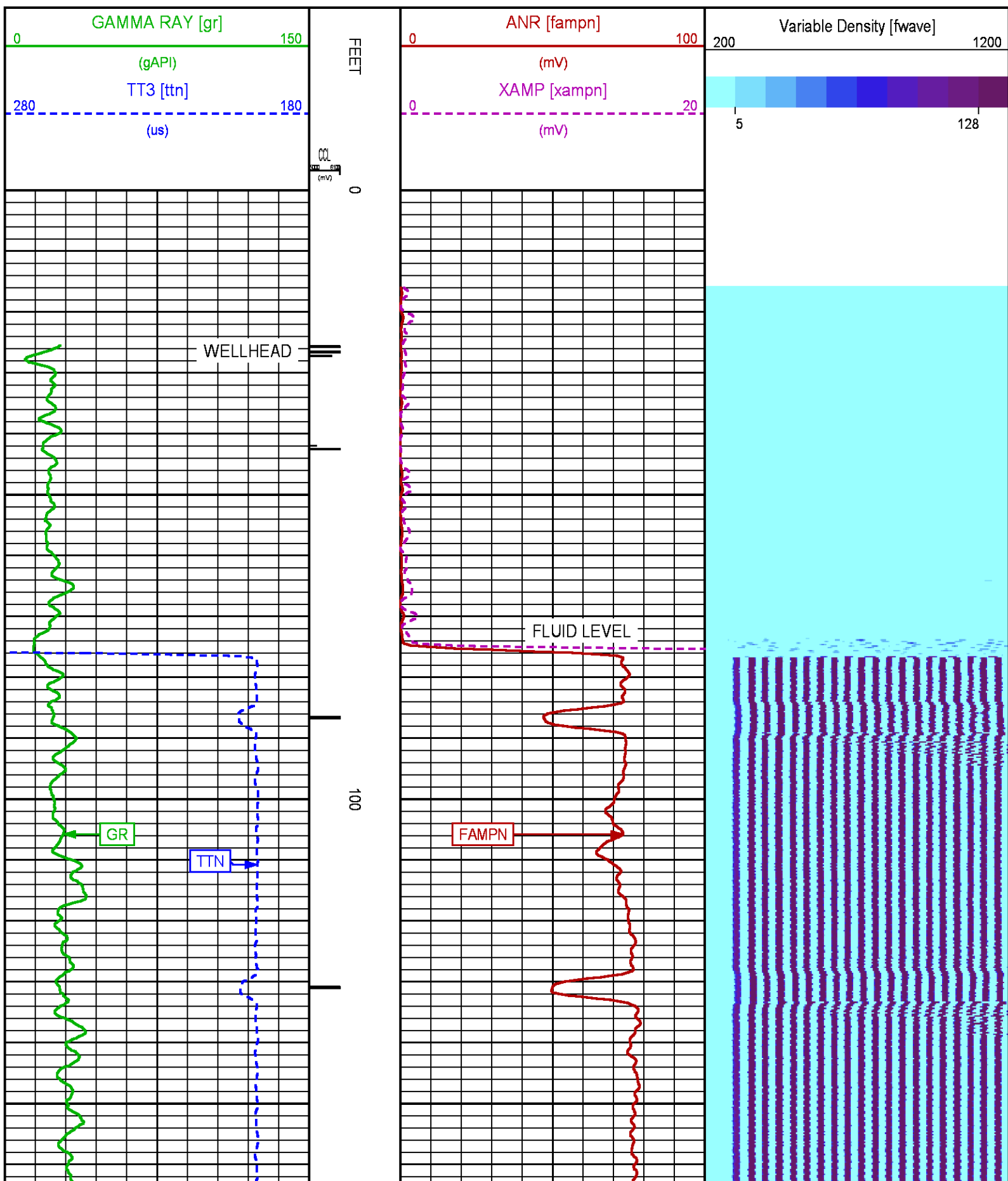
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	5.75	GR	1.75	XAMPN	11.25		
FAMPN	11.25	TTN	11.25				

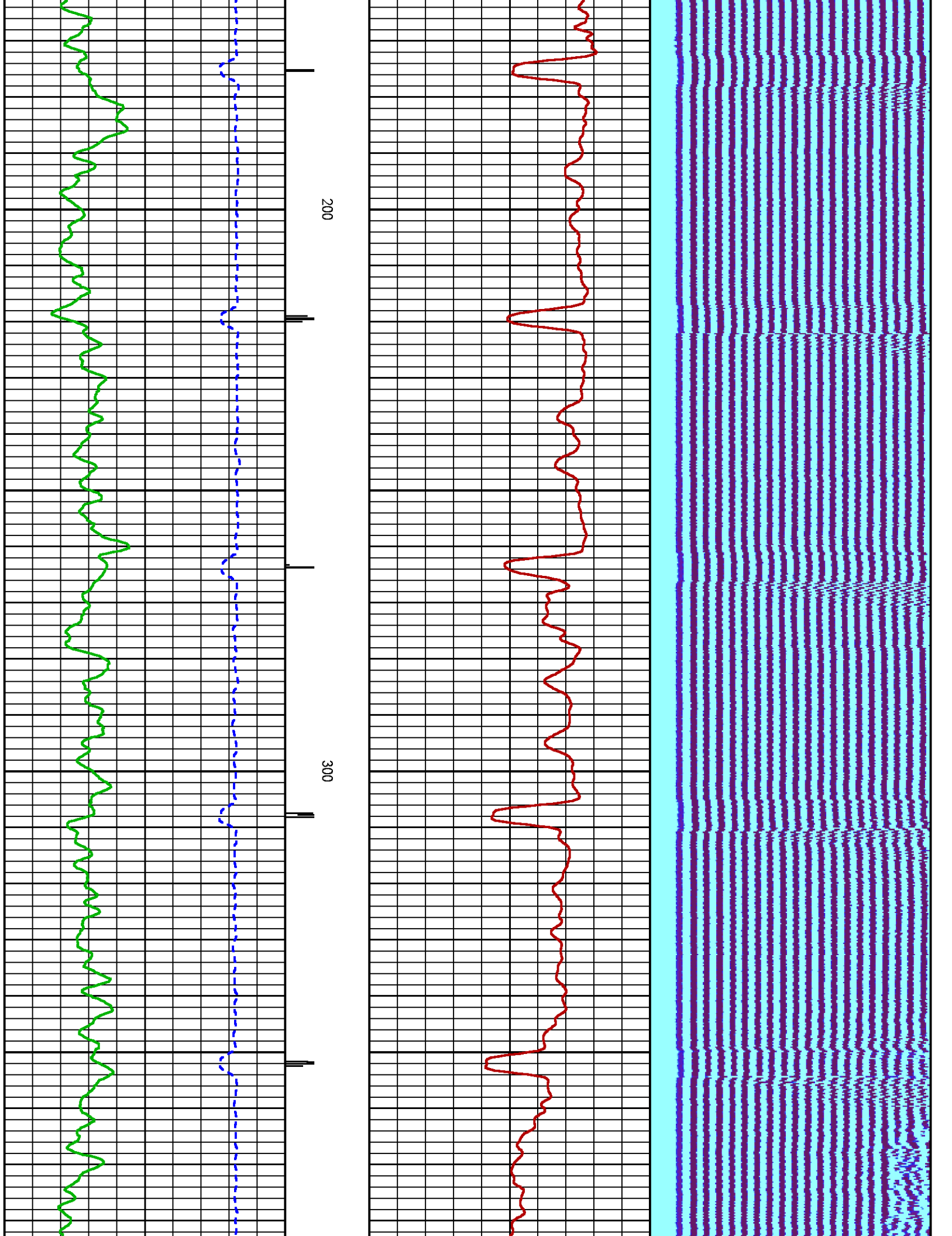
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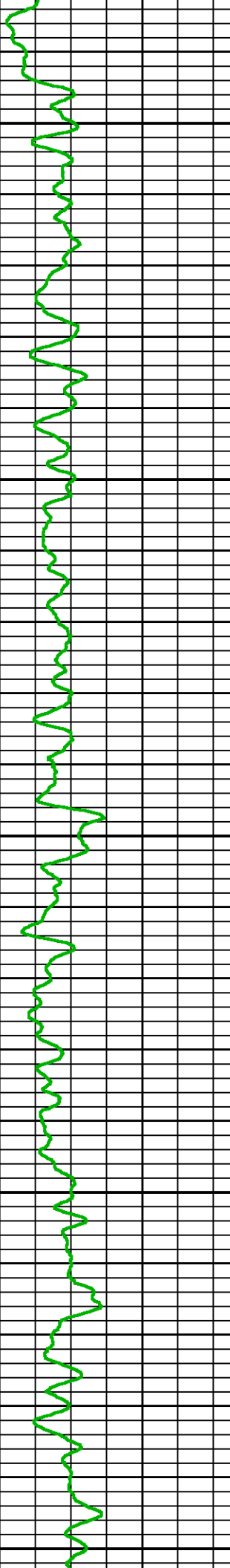
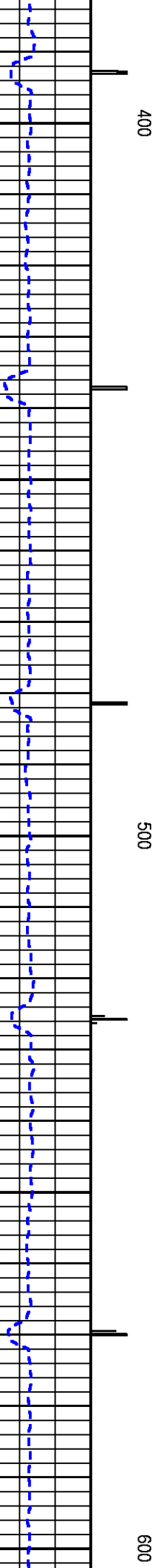
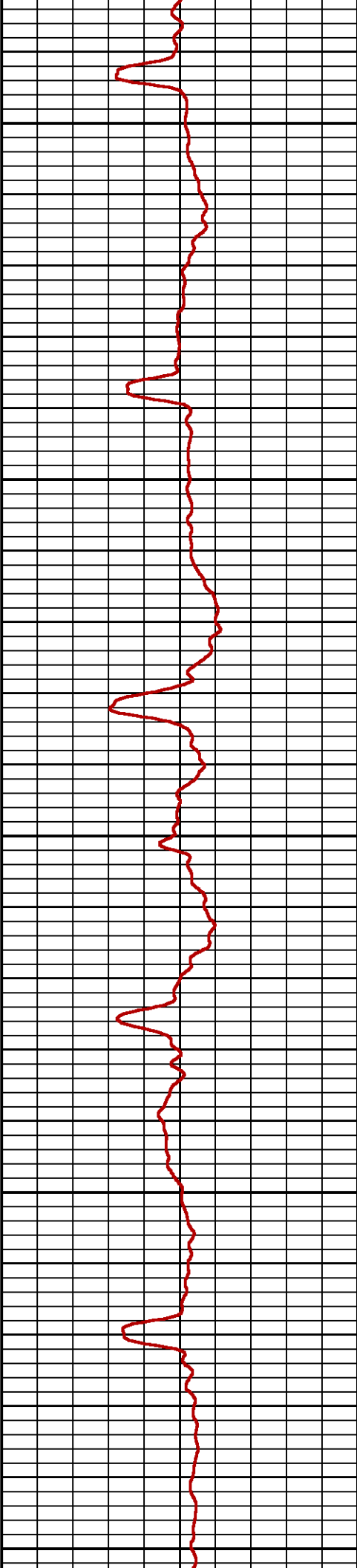
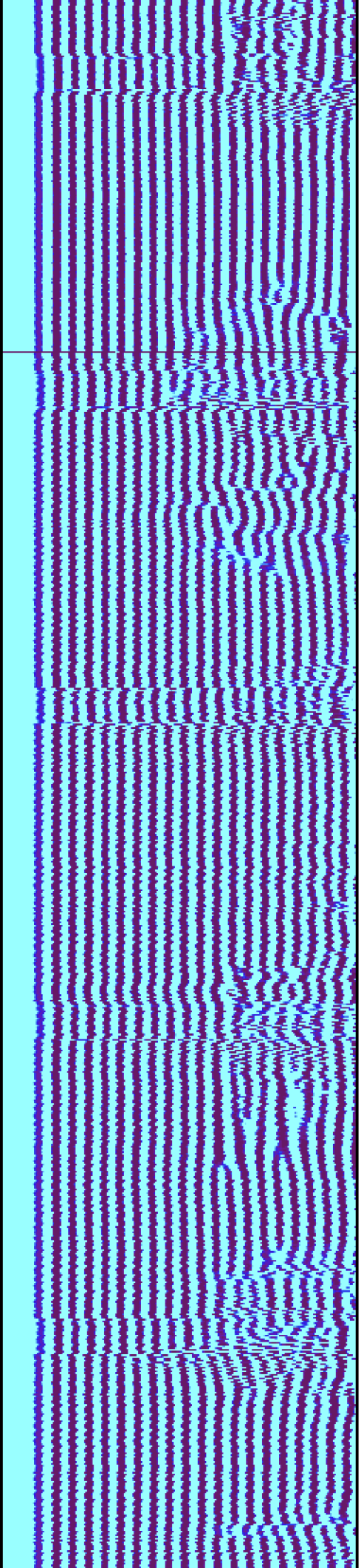
Plot Interval : 0.0046 Feet

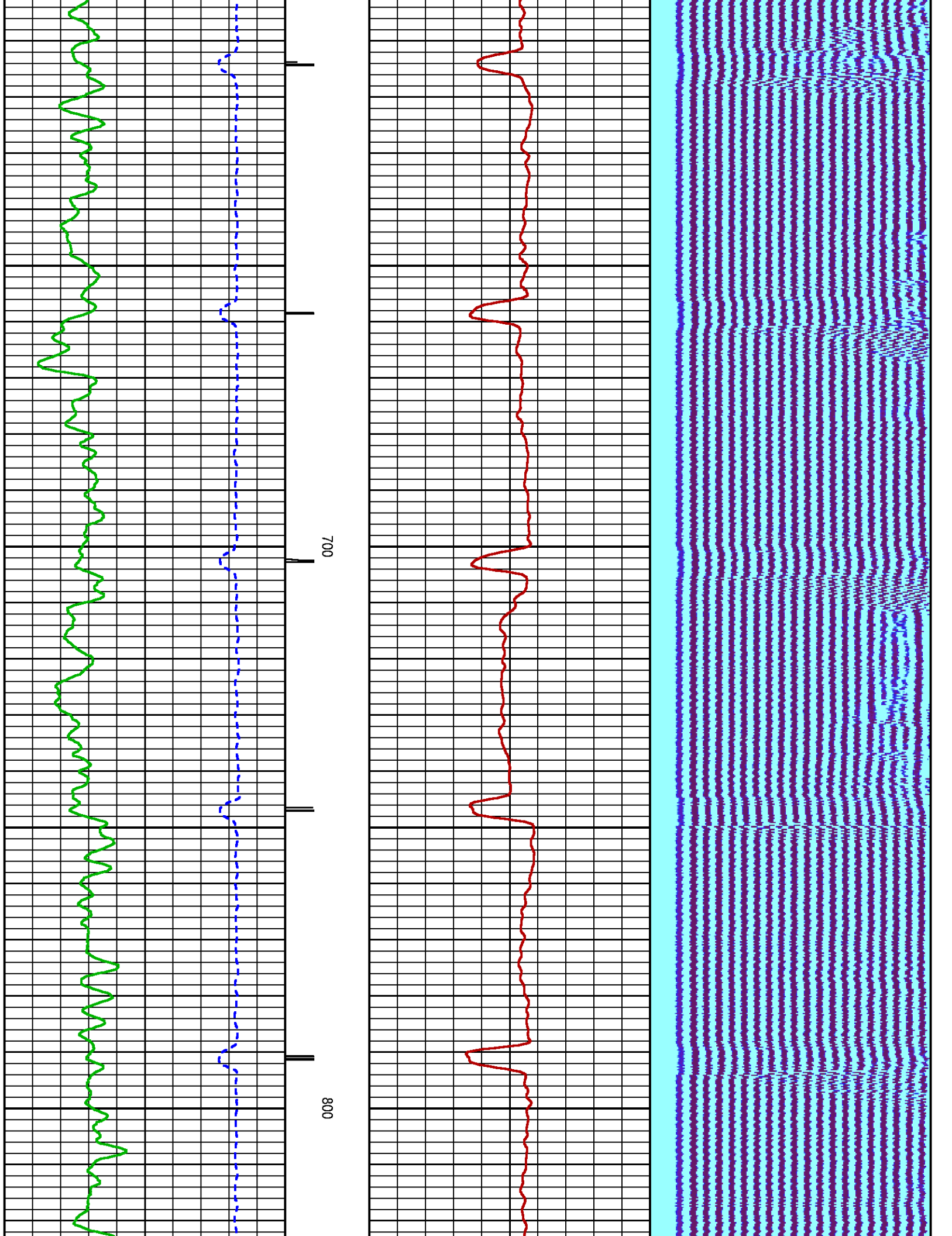
Plot Interval : 0 - 9940 Feet

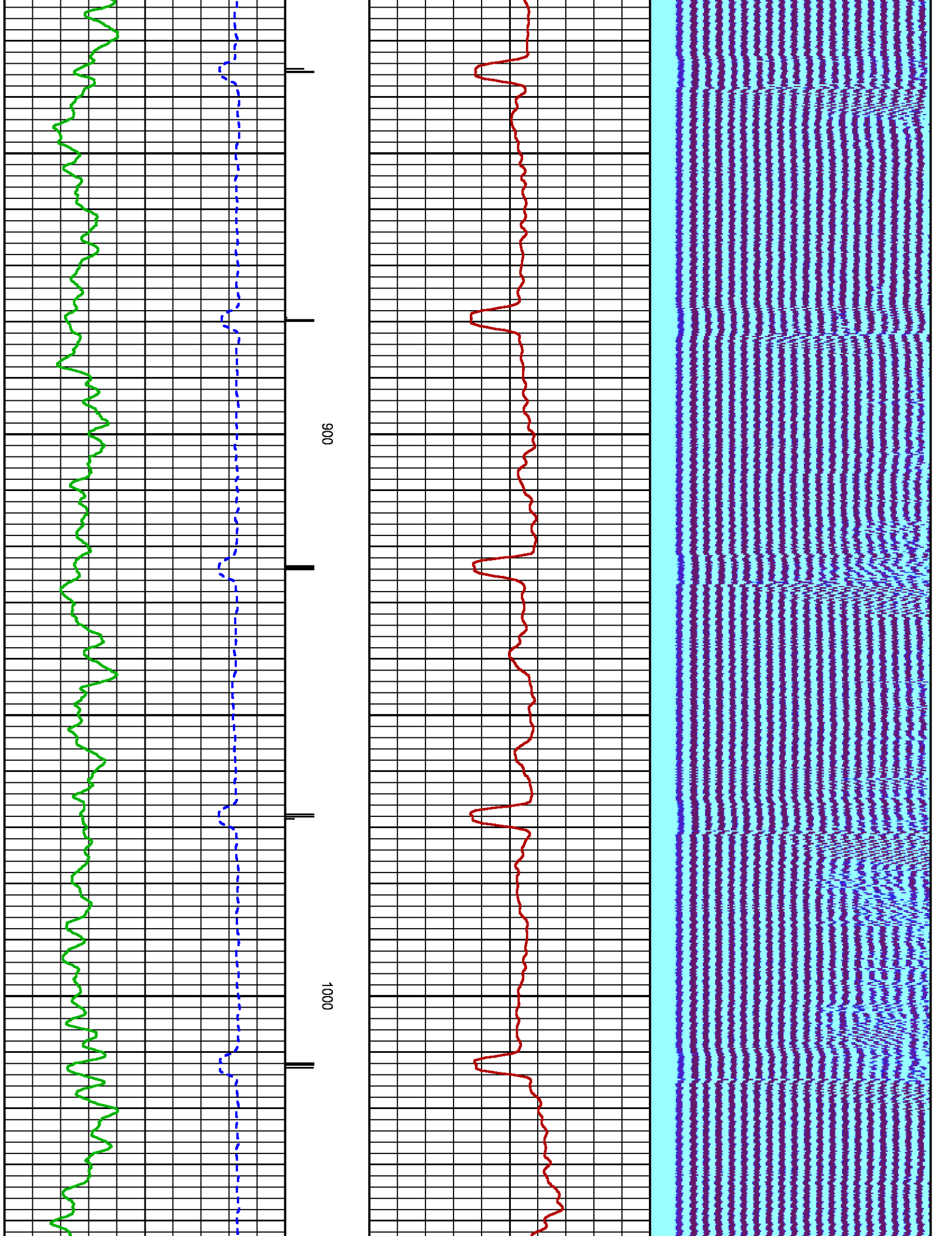
Data File 1 : F1 : HL6670:/dat1a/CH096694/n012g02MAIN544.xtf
Created On : Jul 5 09:55:32 2015
Company : WPX ENERGY
Well : YOUNBERG RU 544_7
Field : RULISON
File Interval : 14.75 - 9951.25 Feet
OCT : n012g

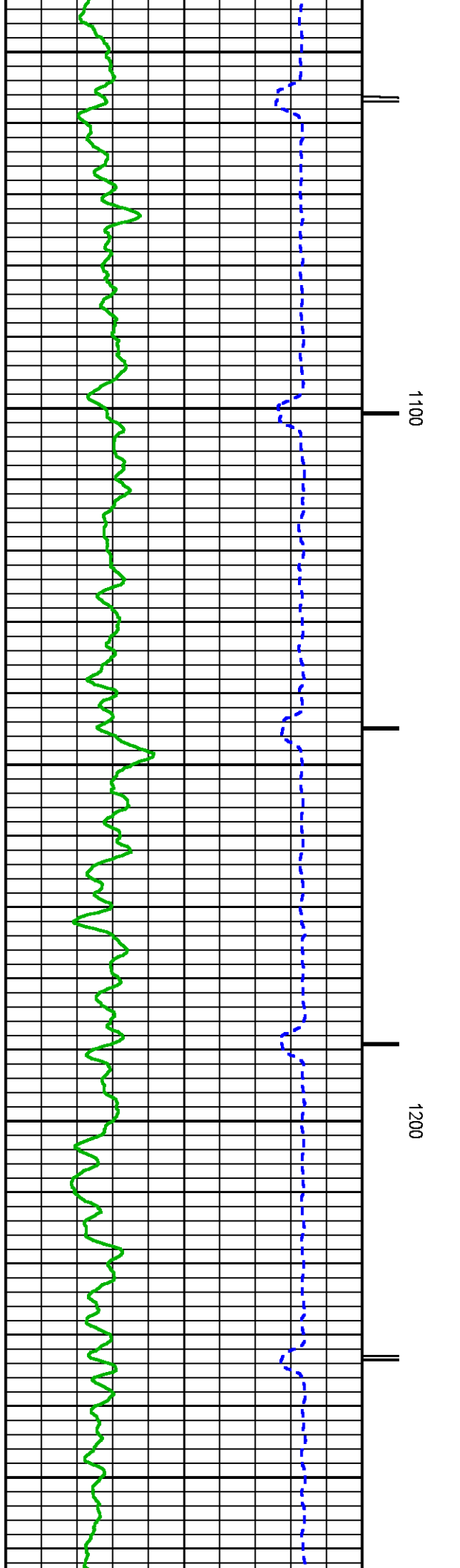
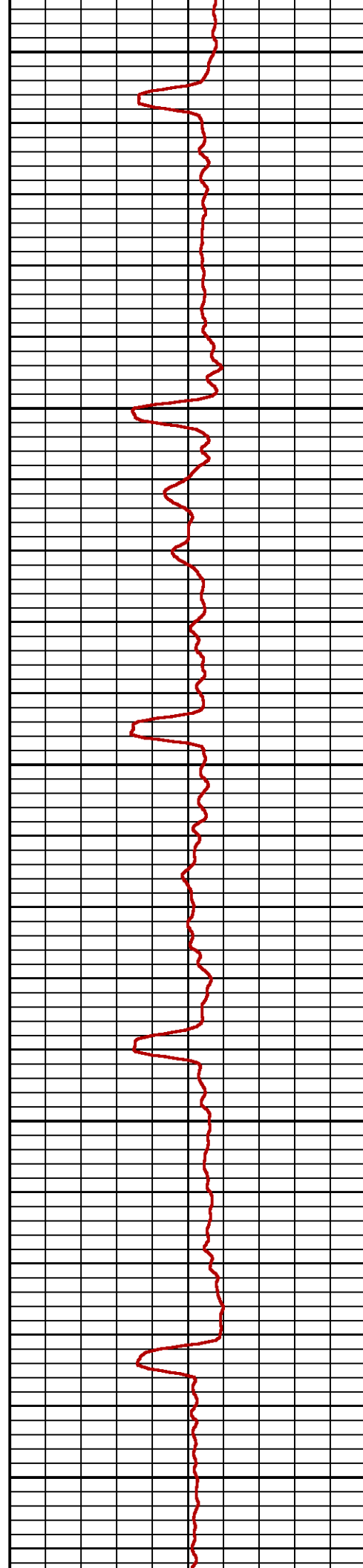
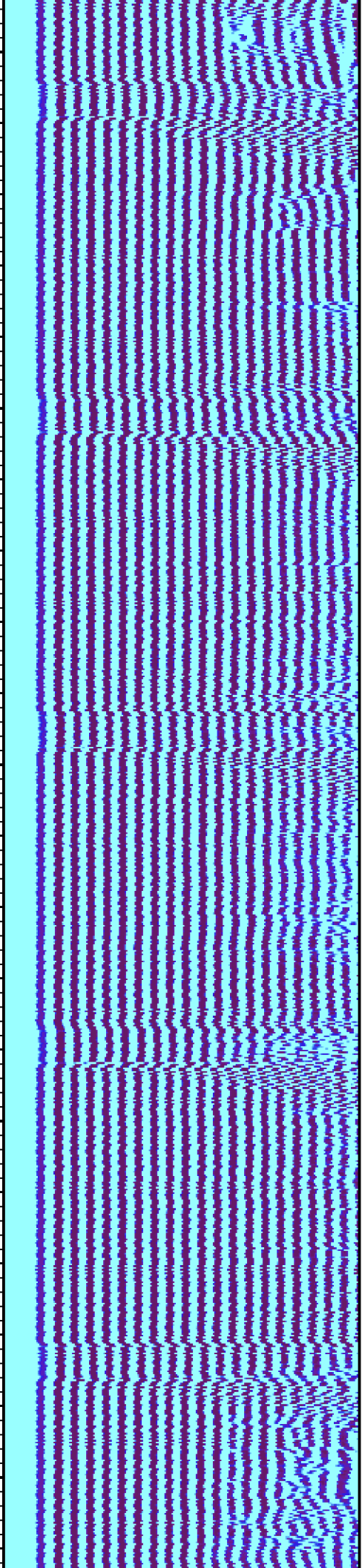


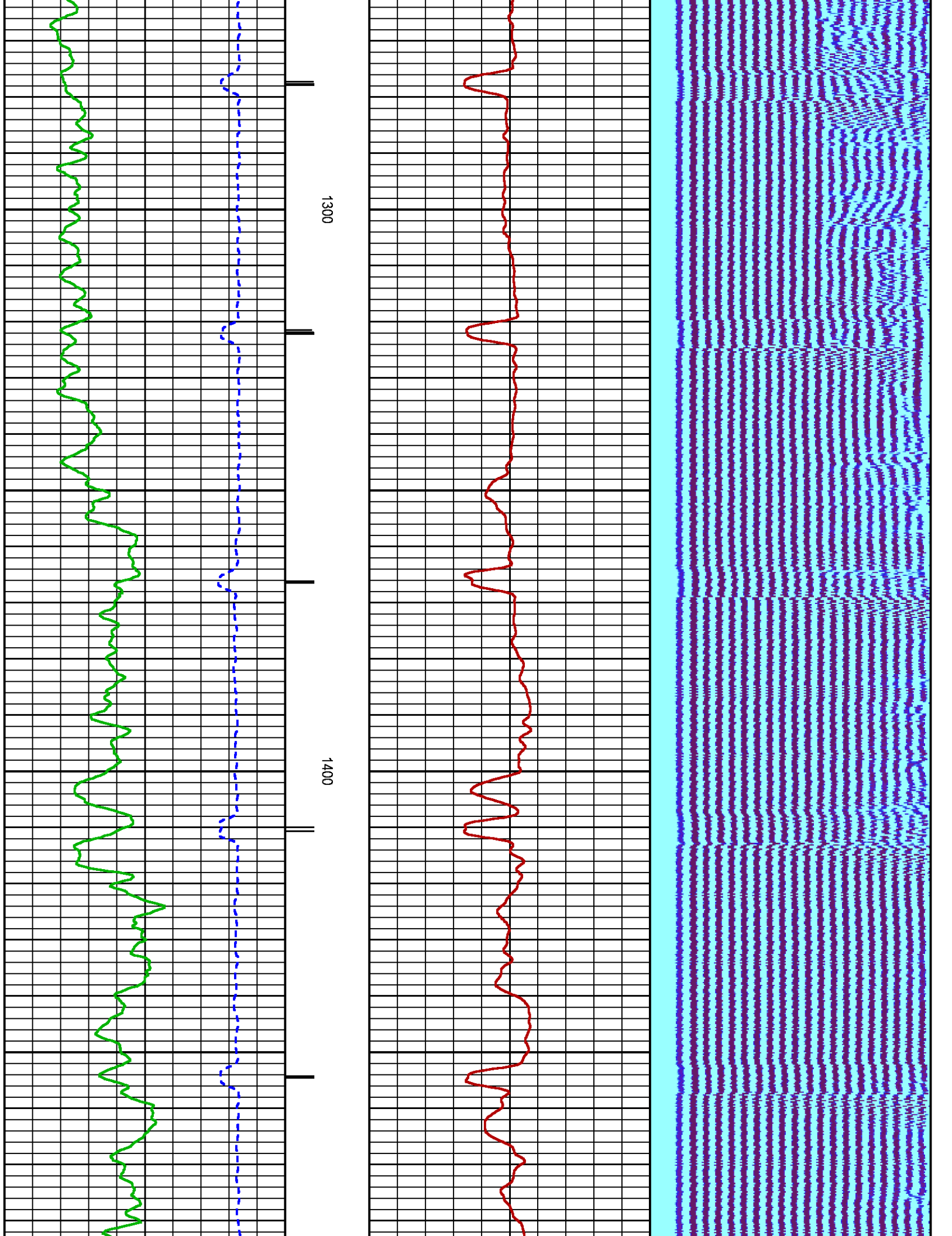


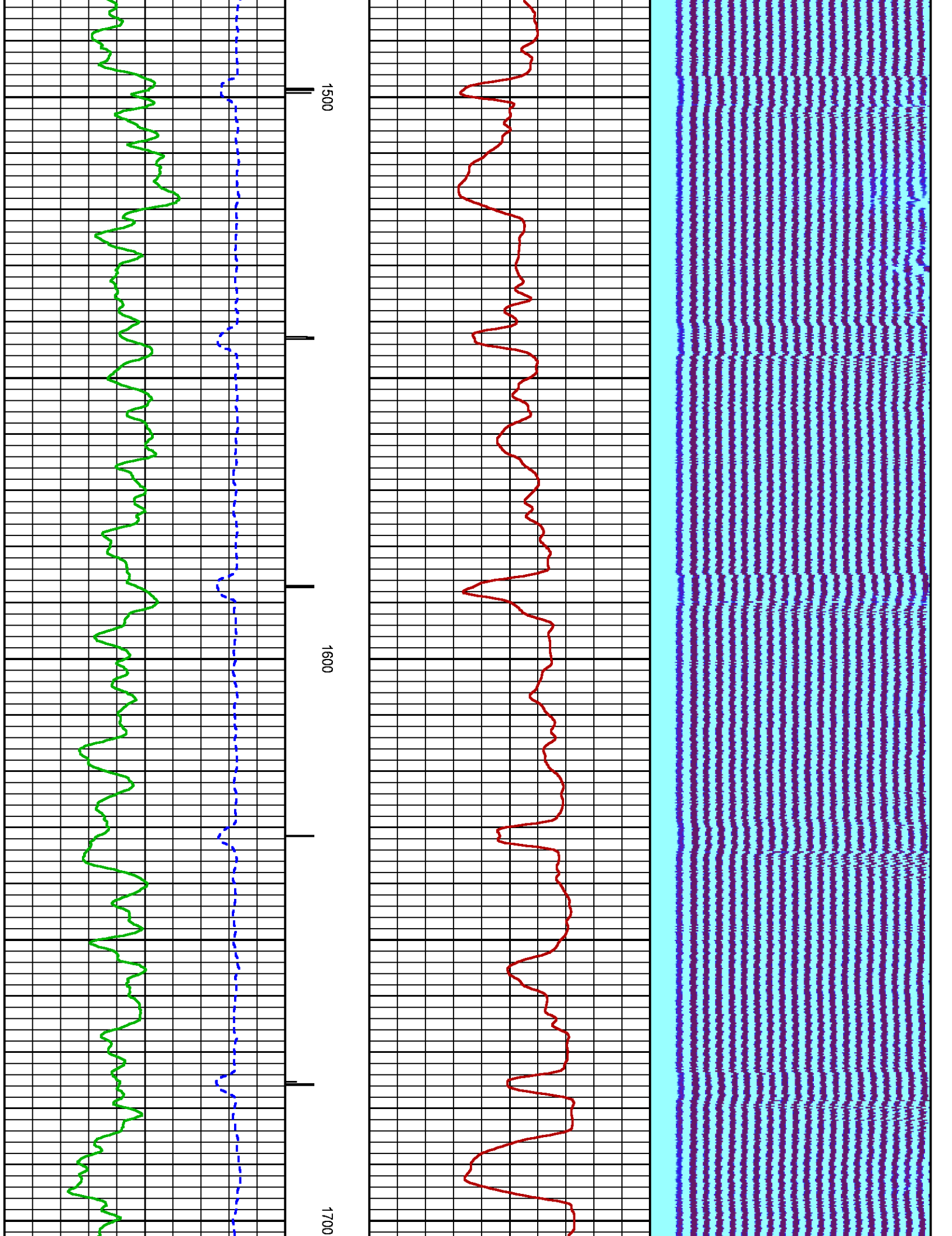


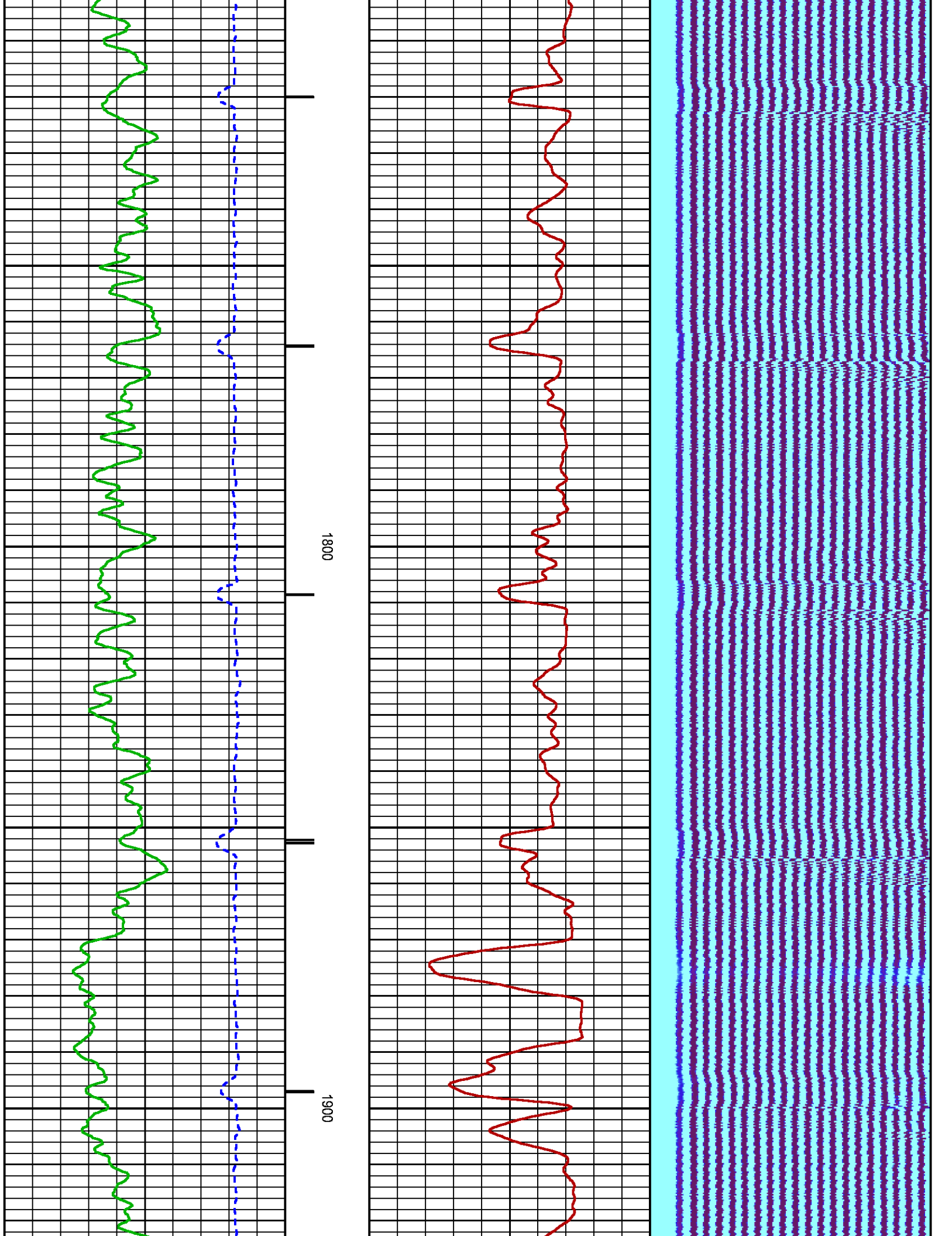


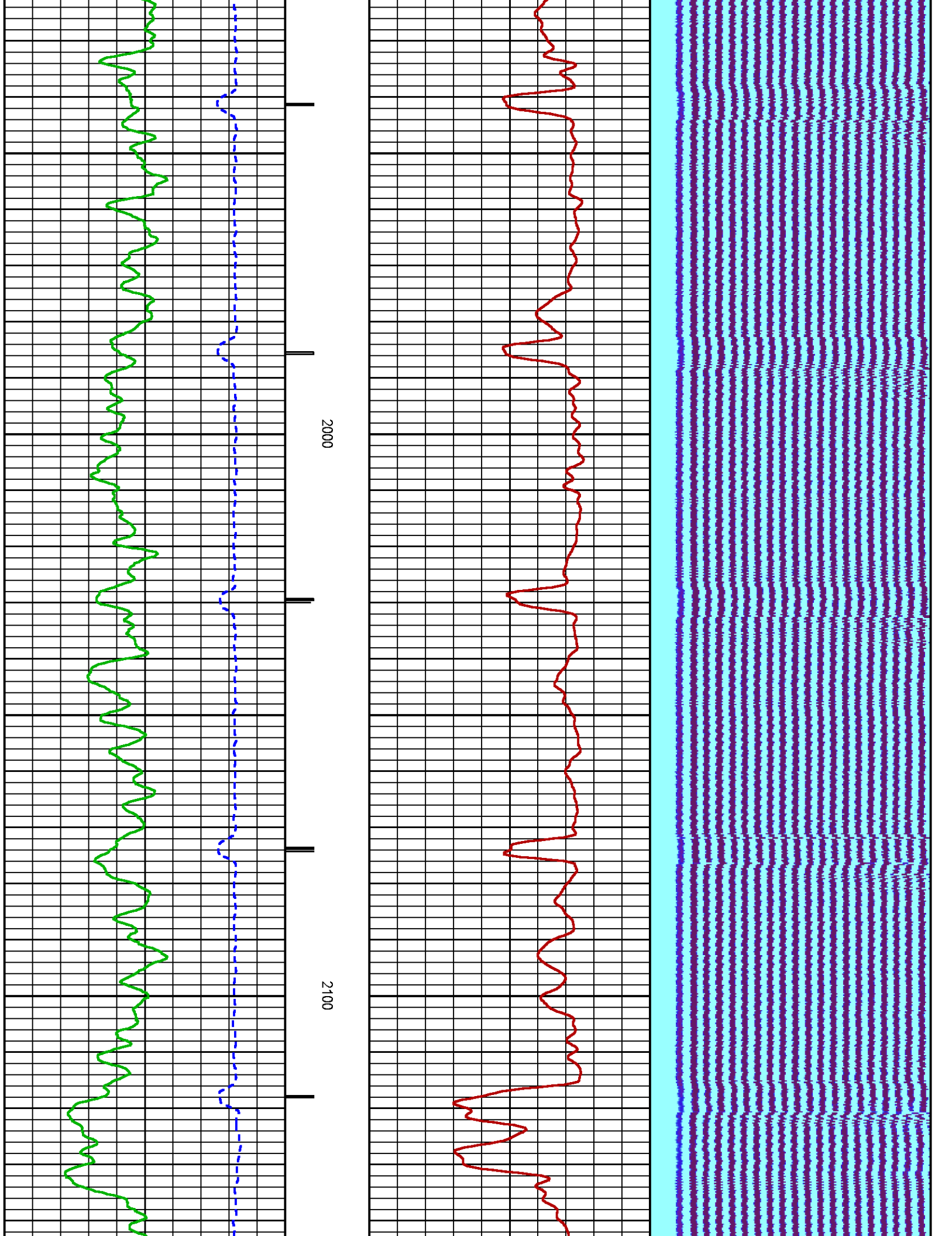


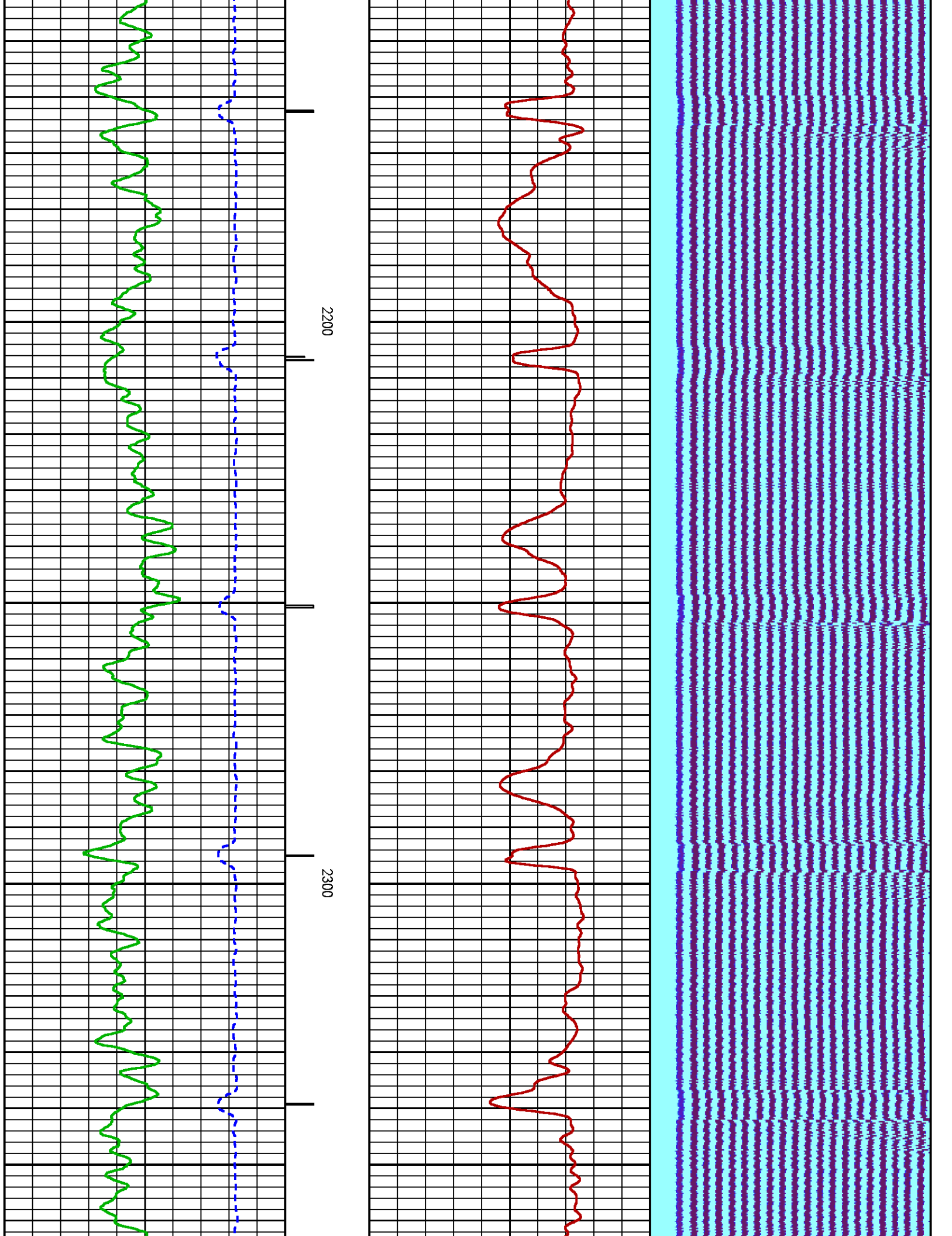


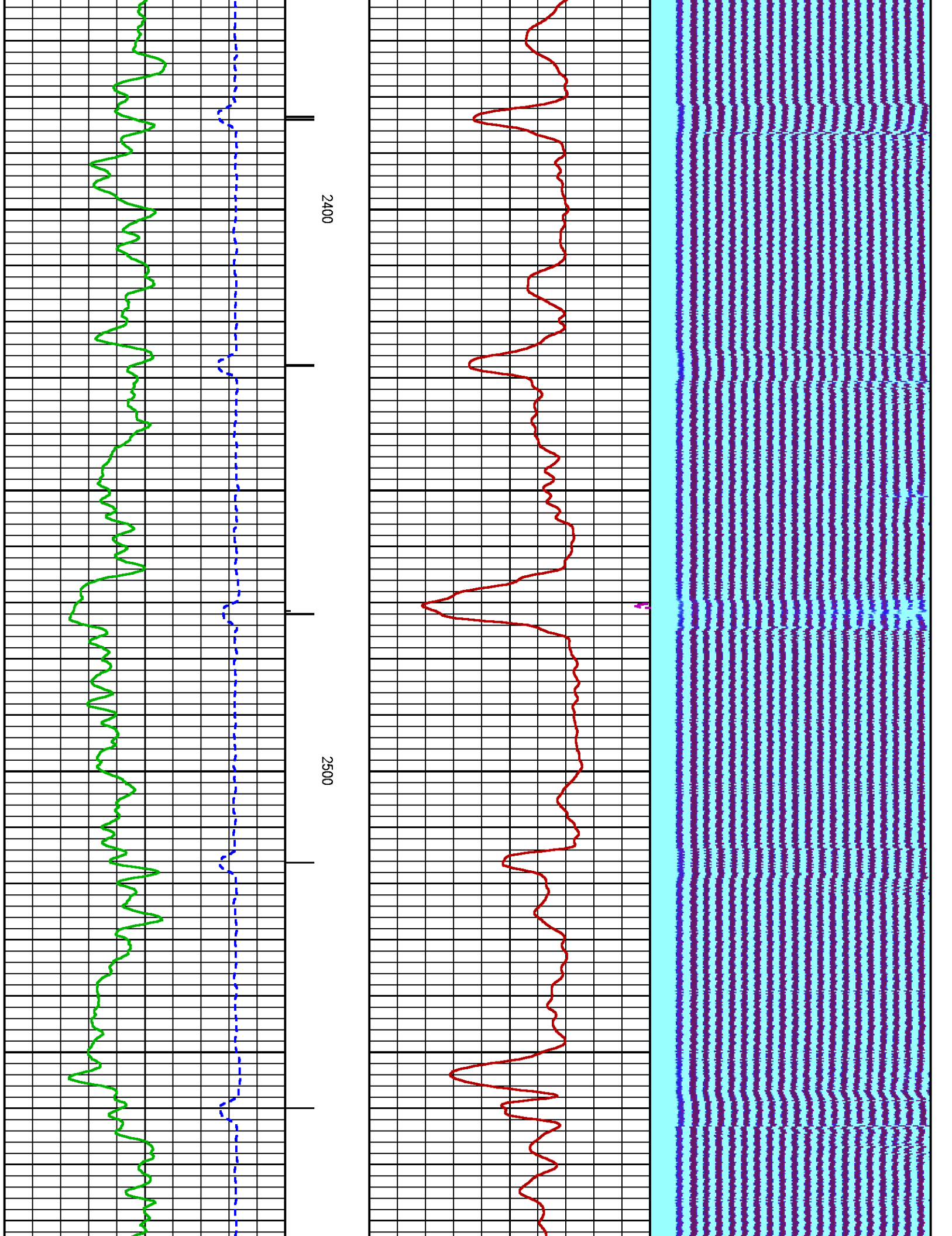


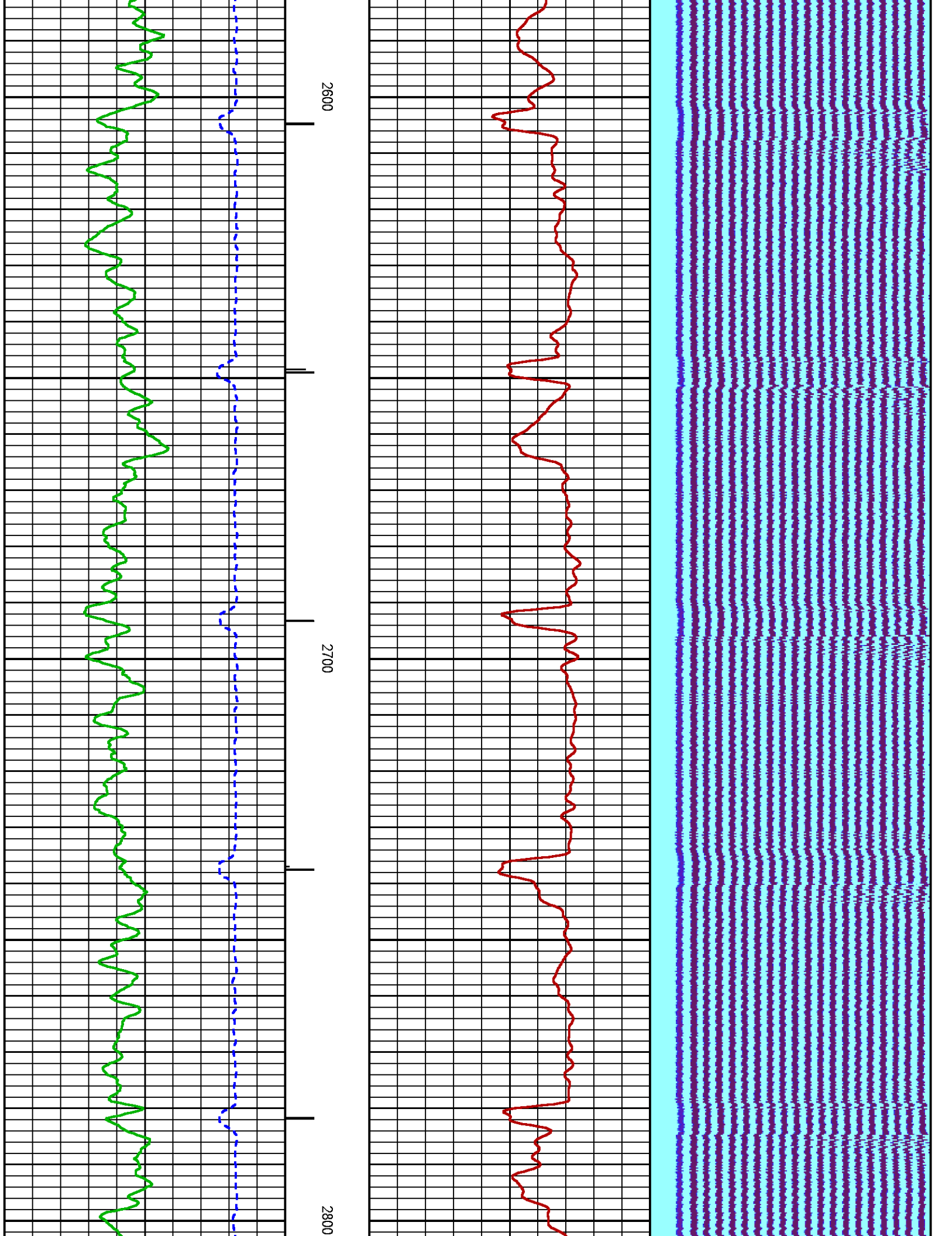


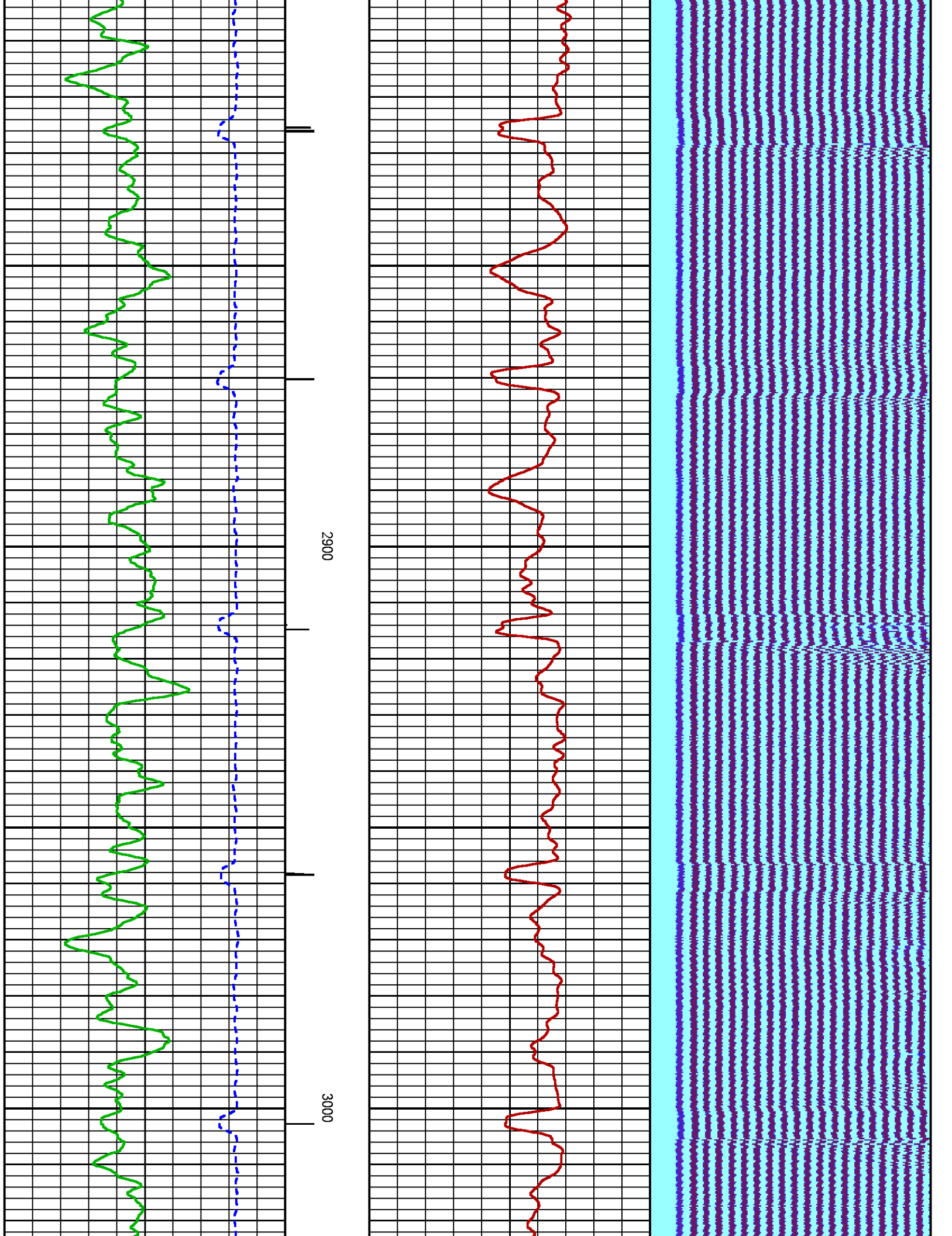


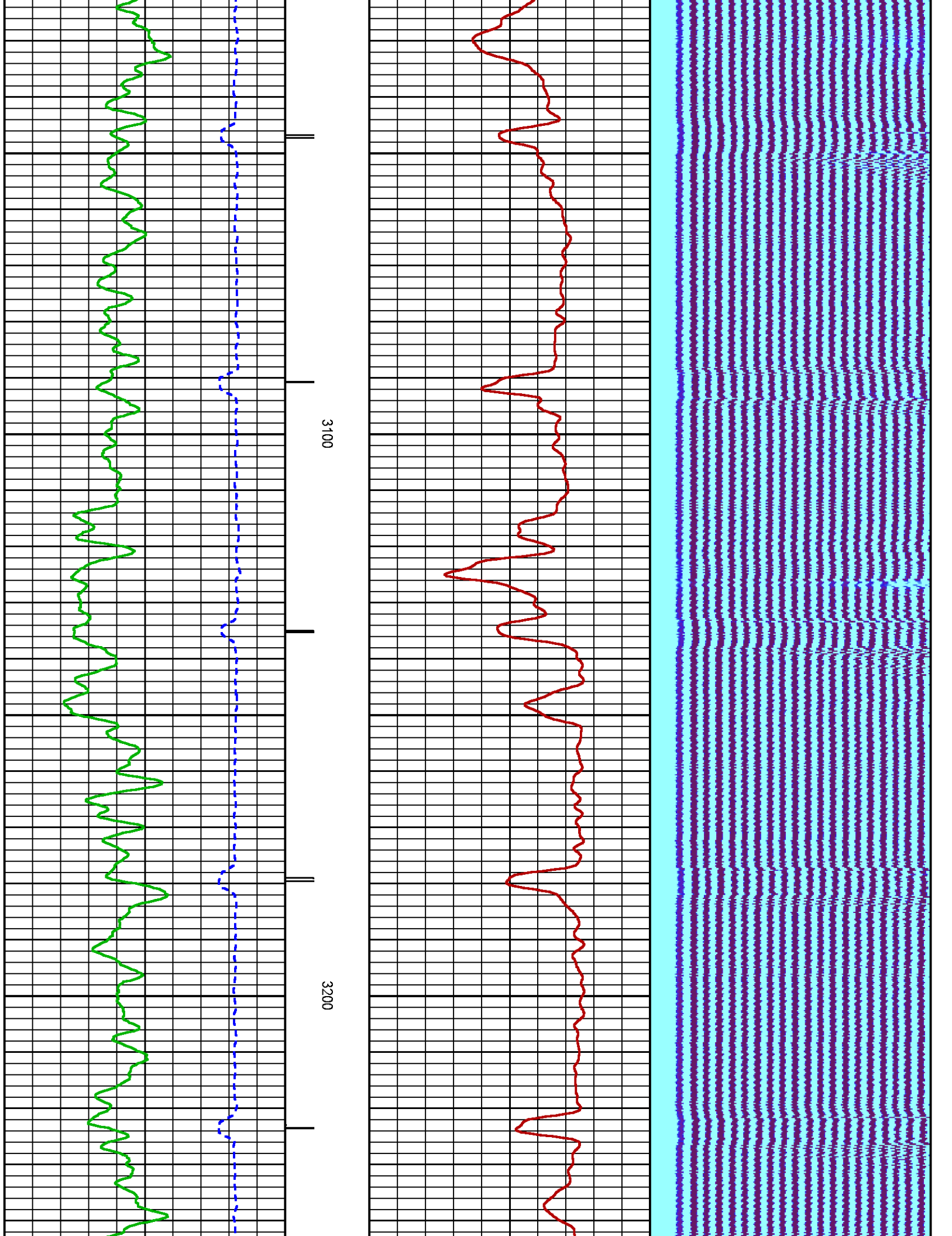


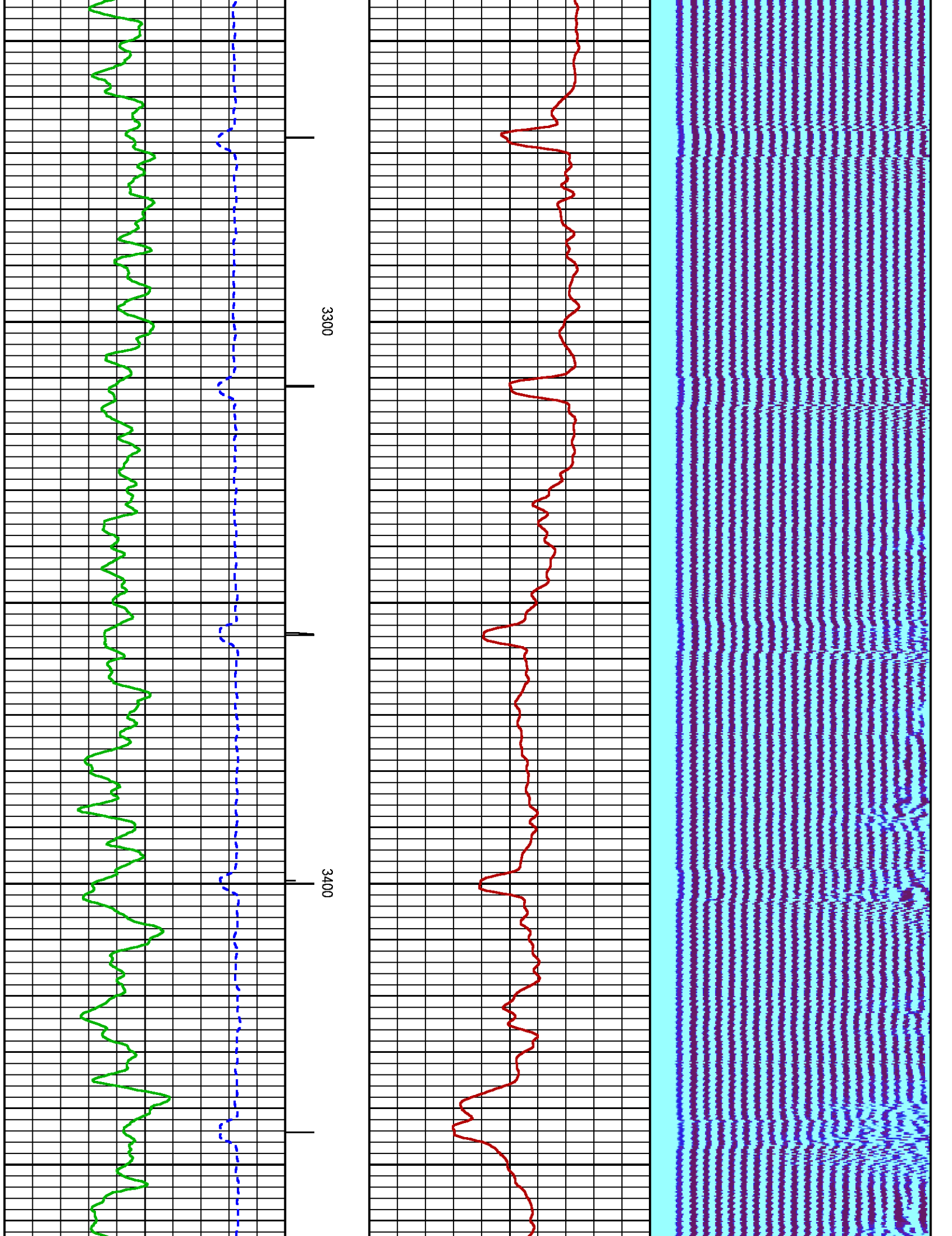


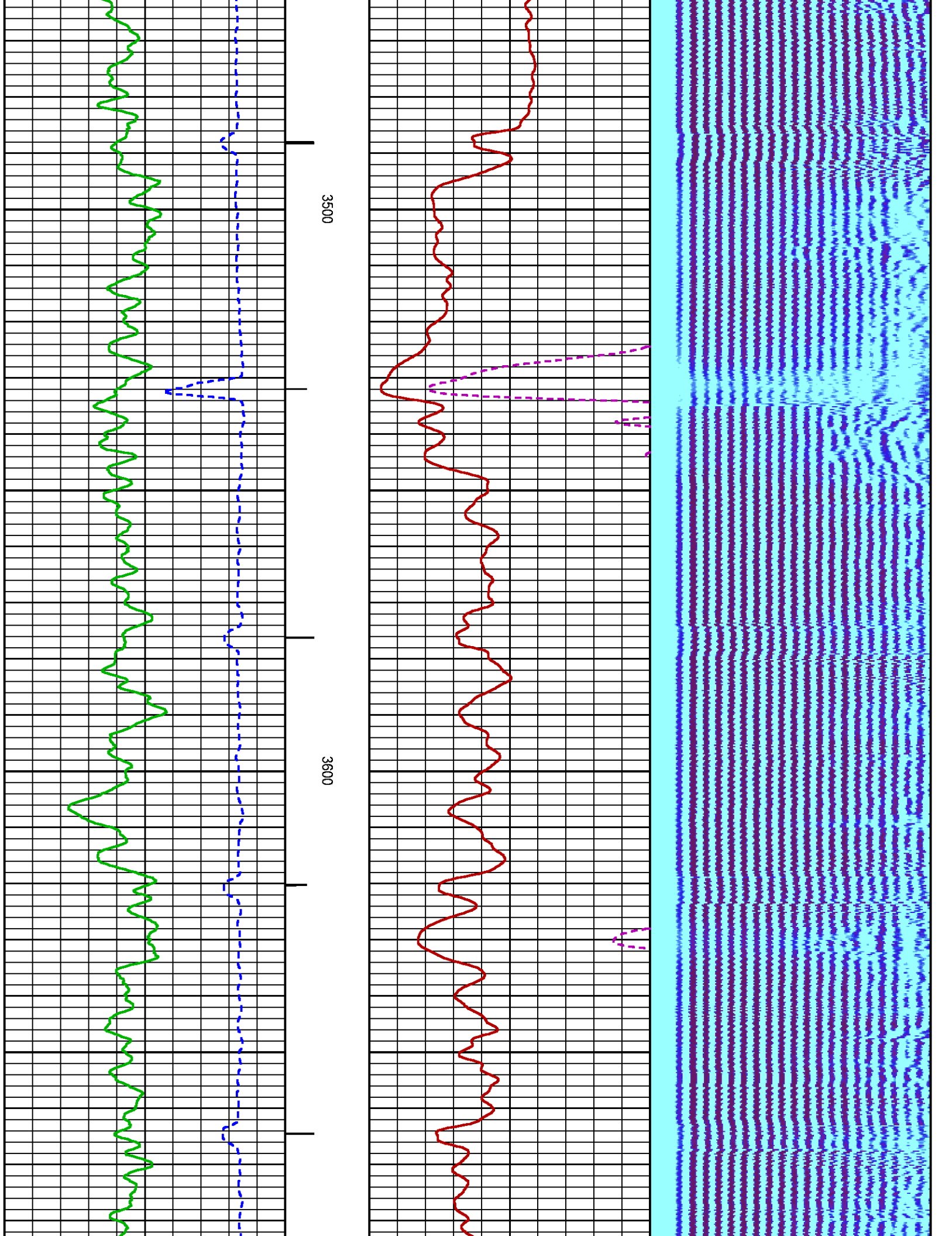


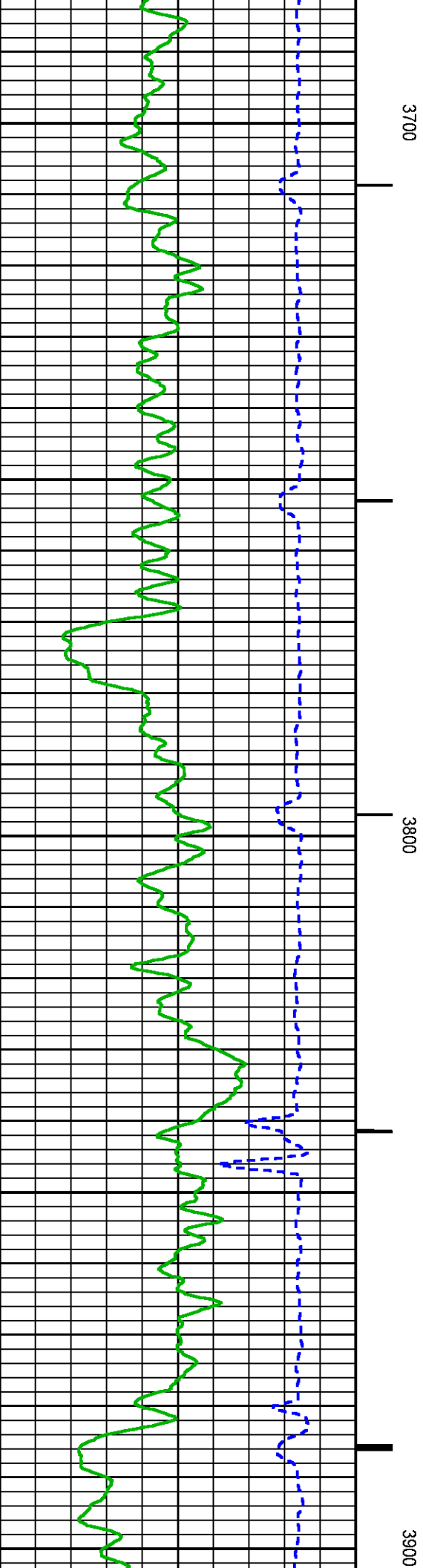
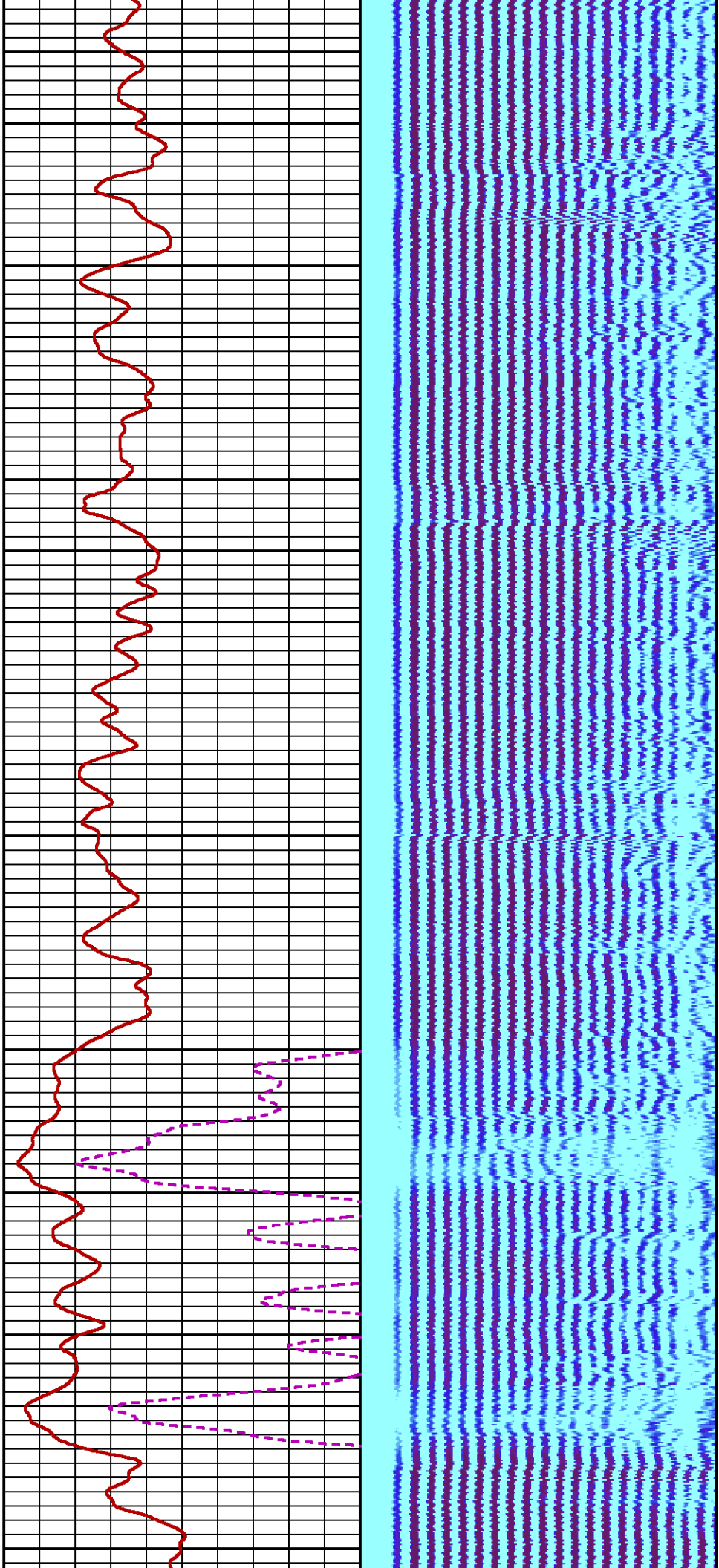


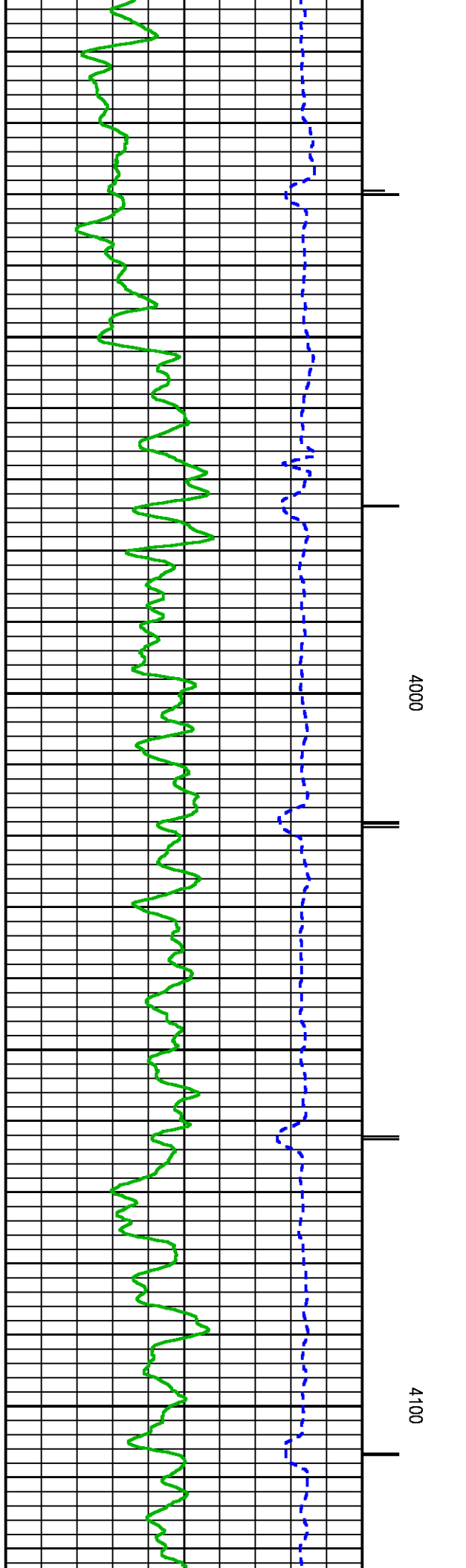
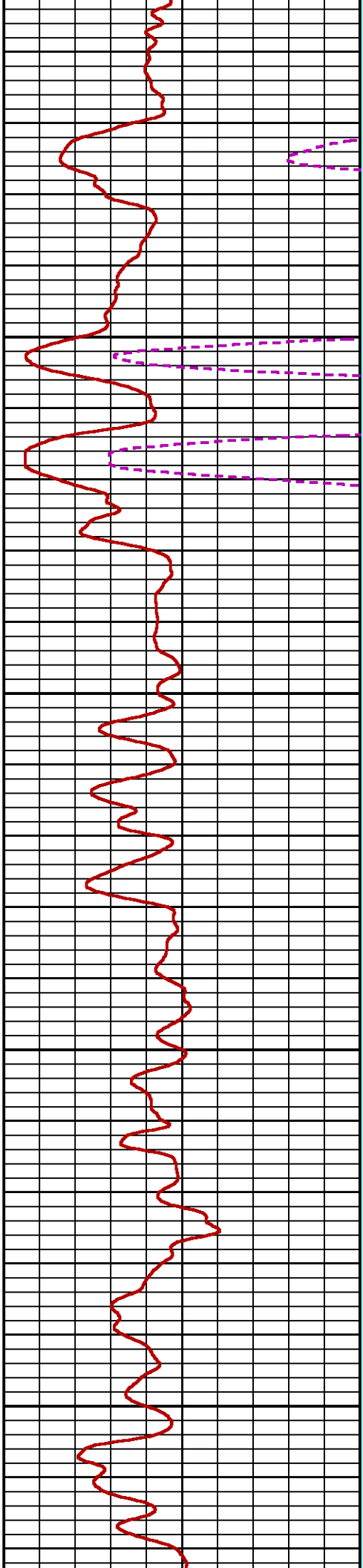
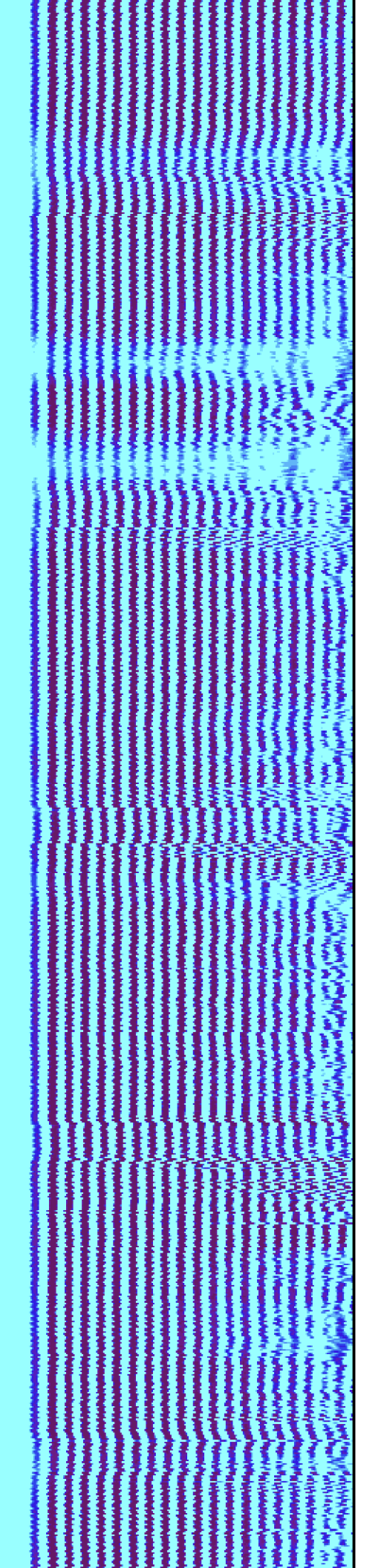


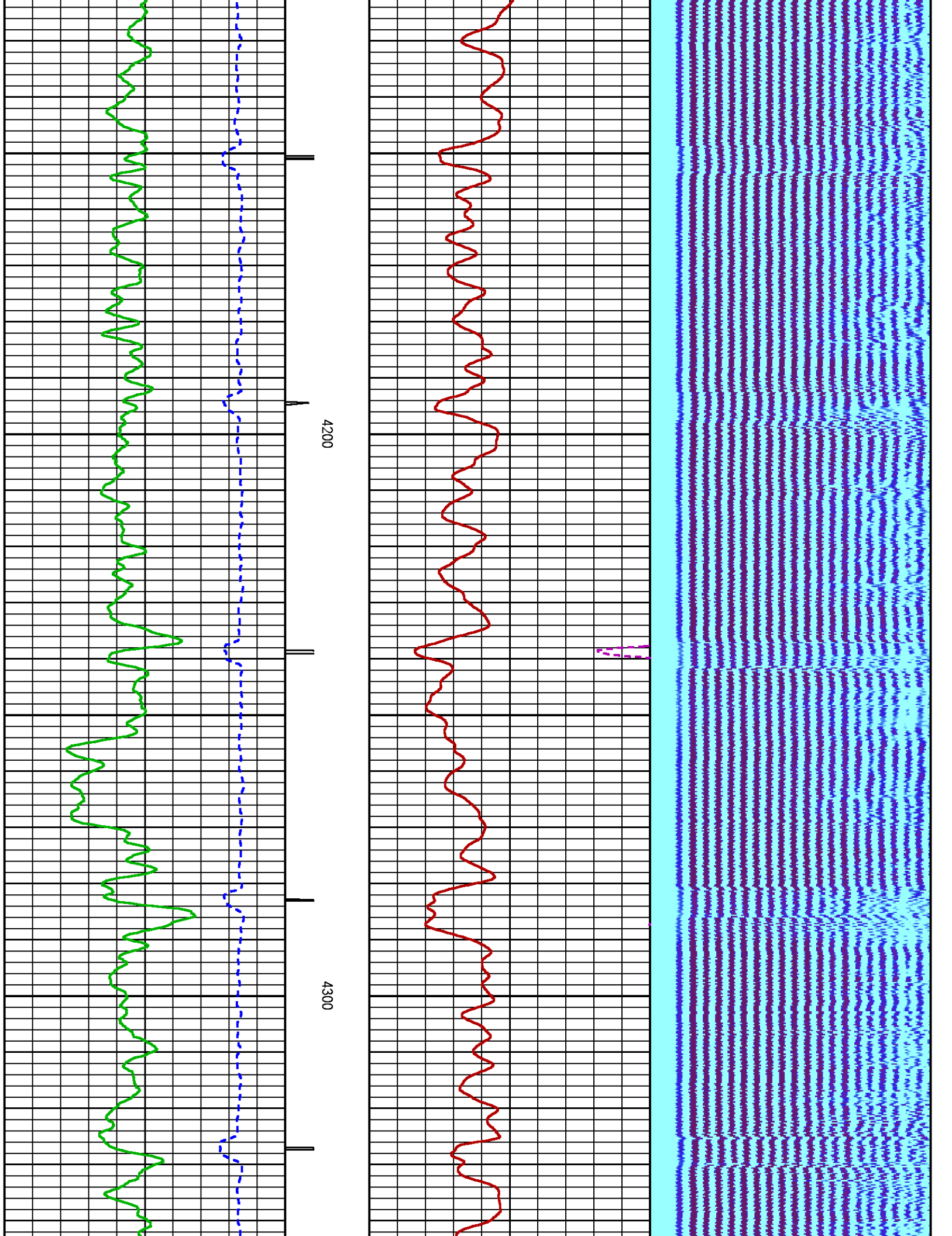


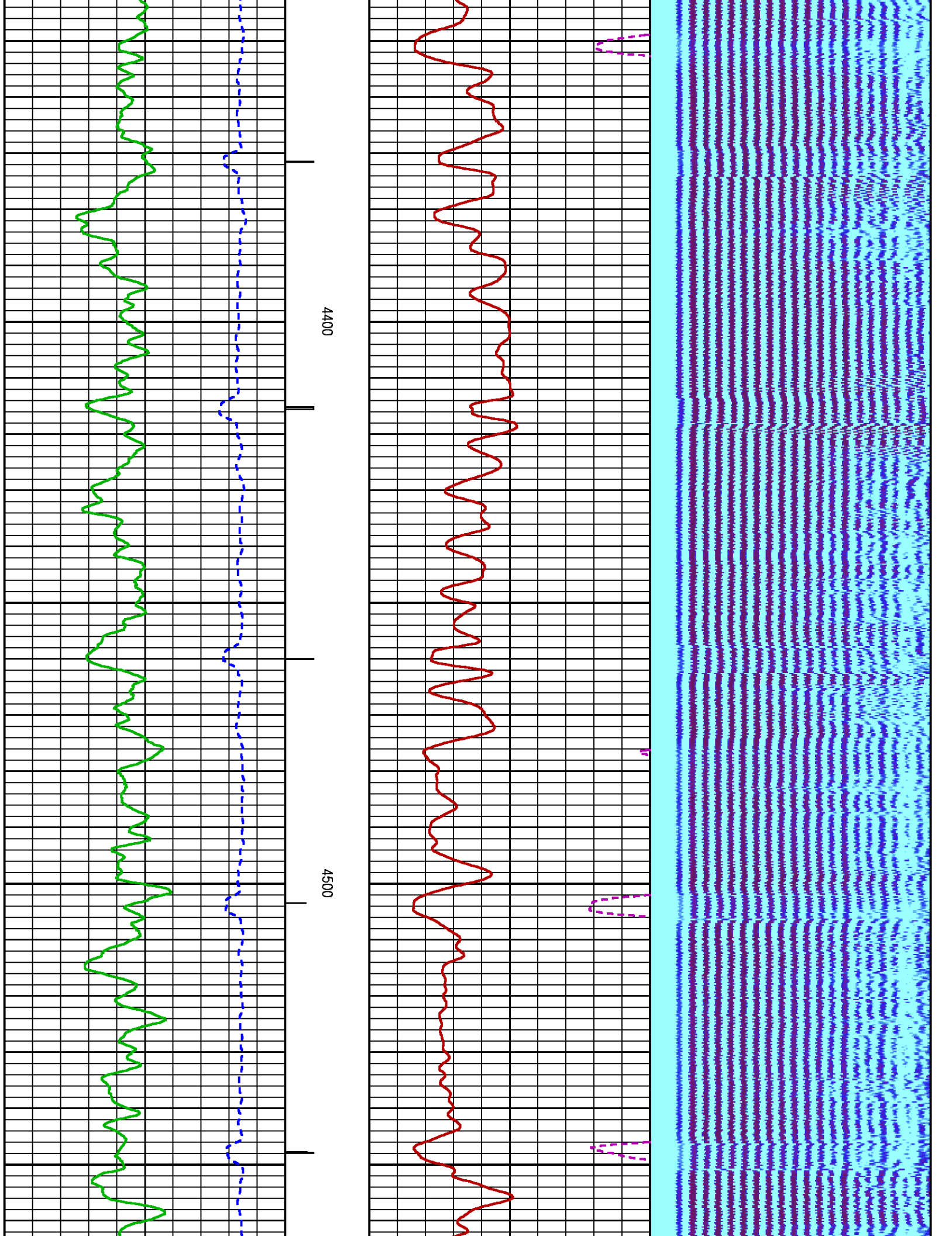


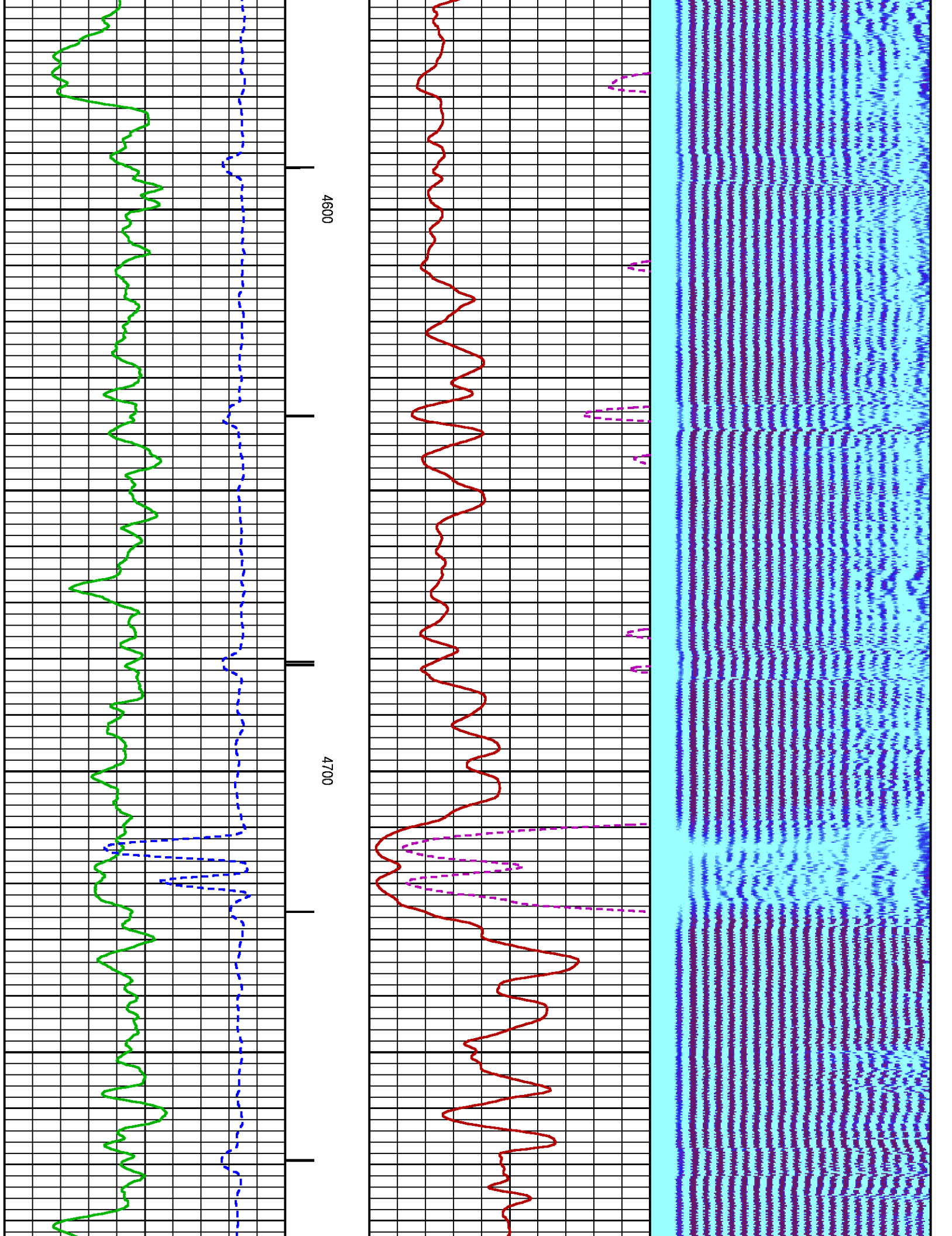


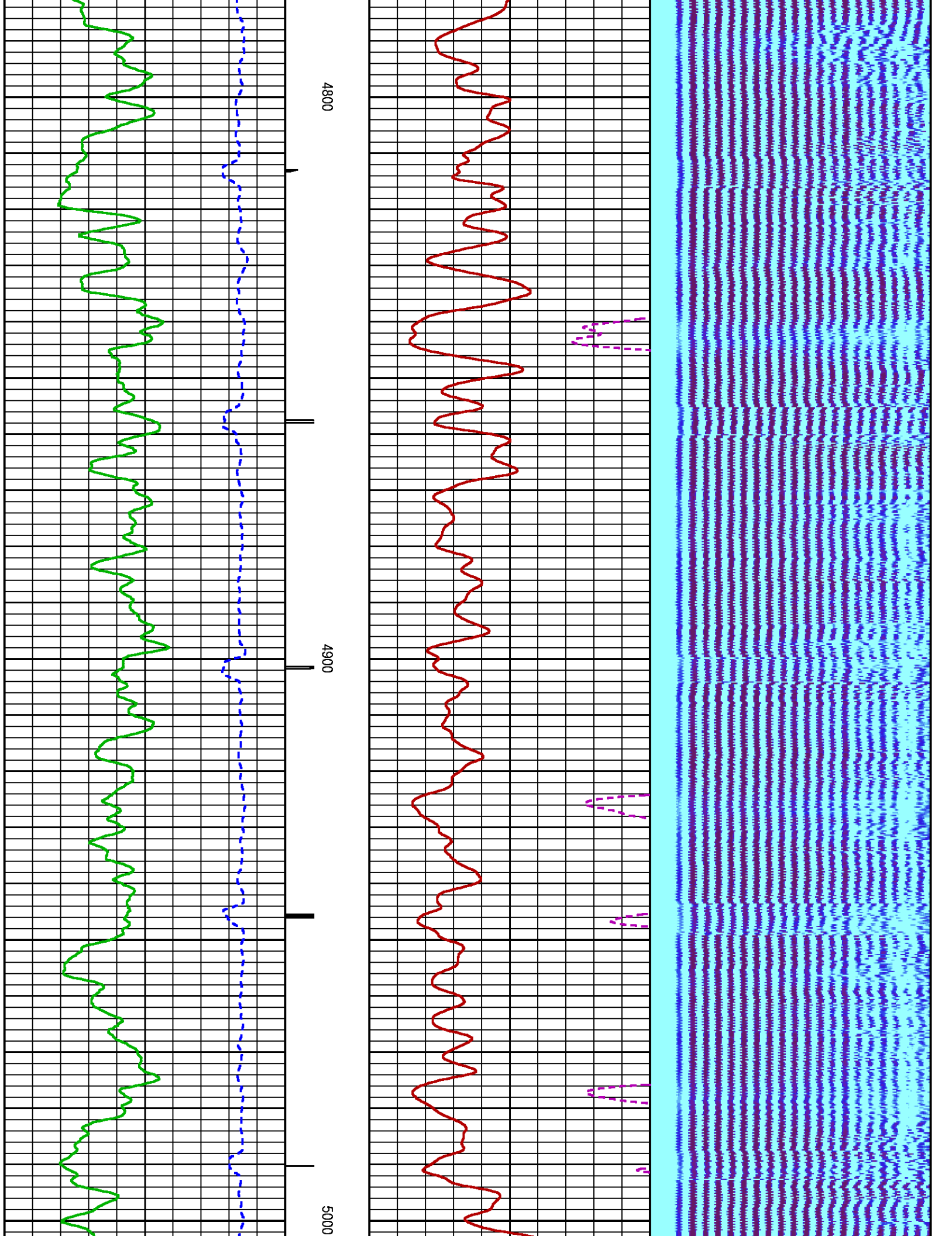


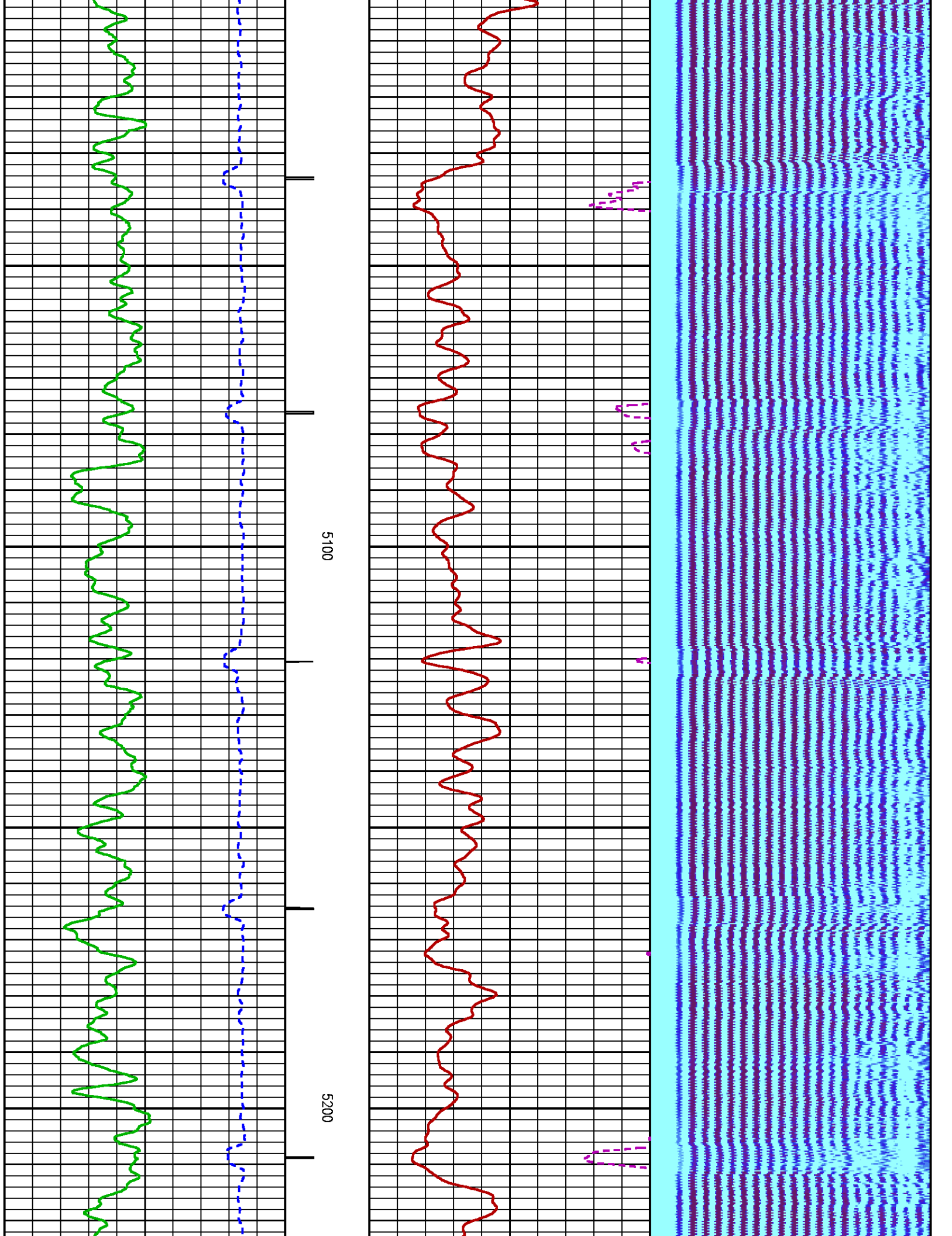


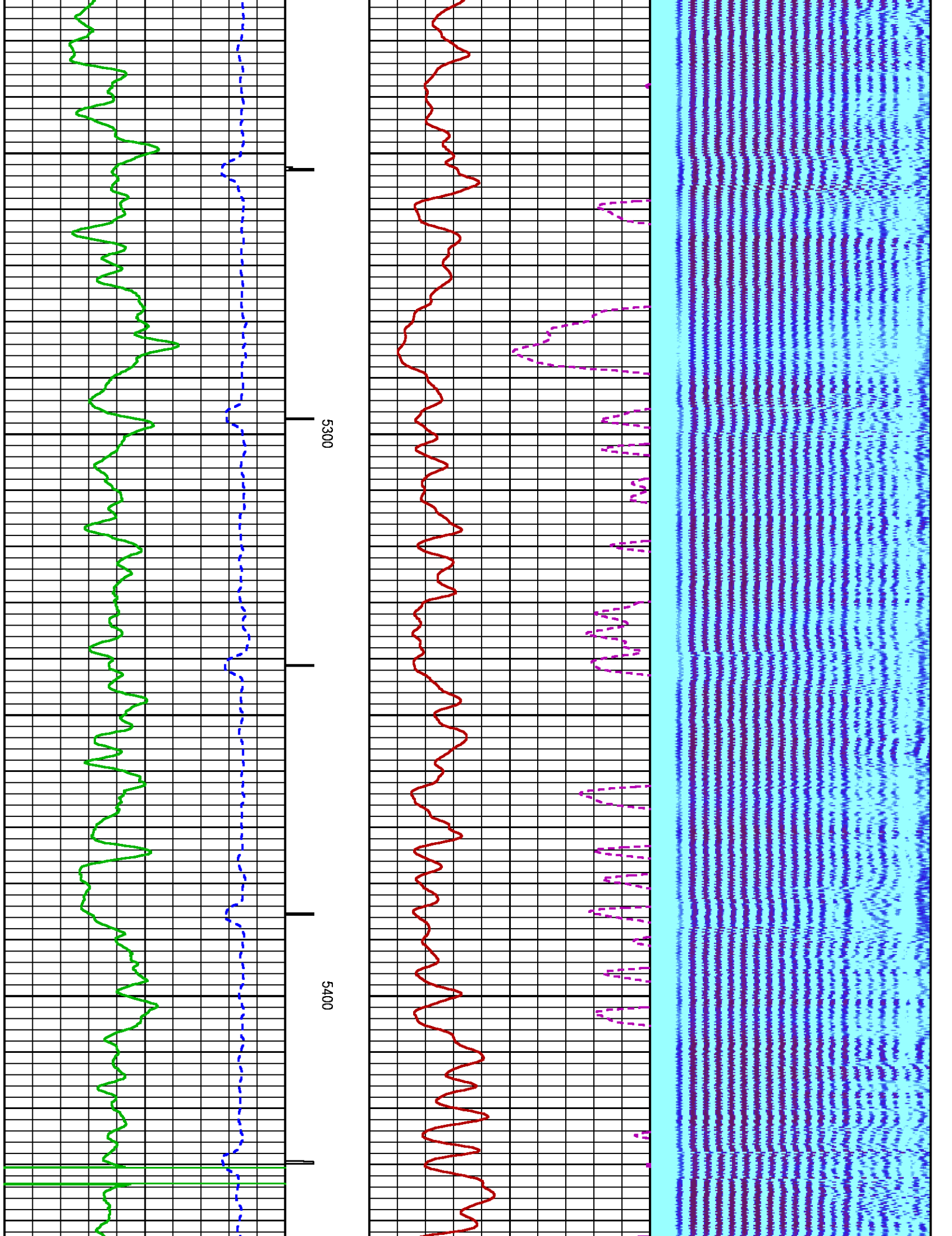


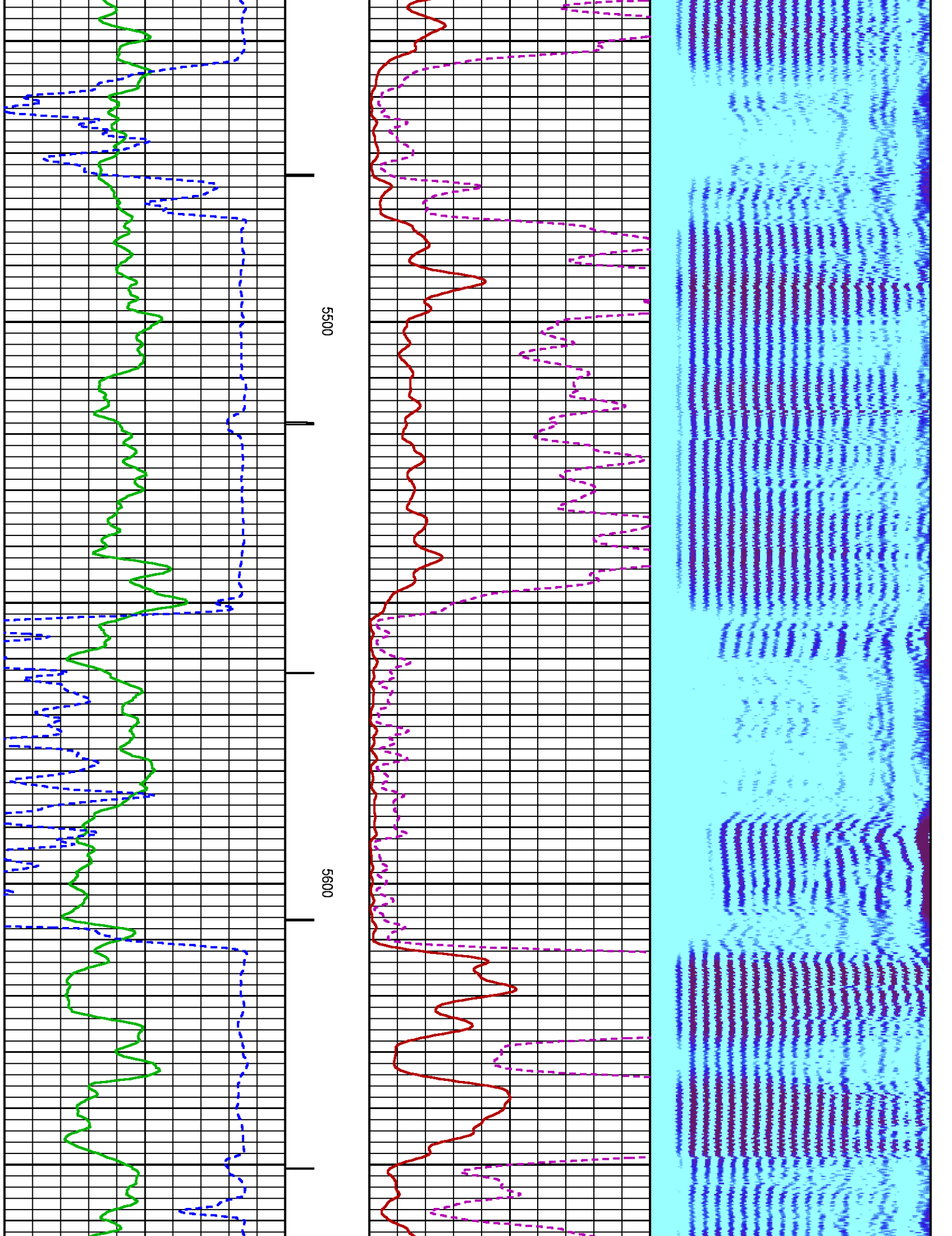


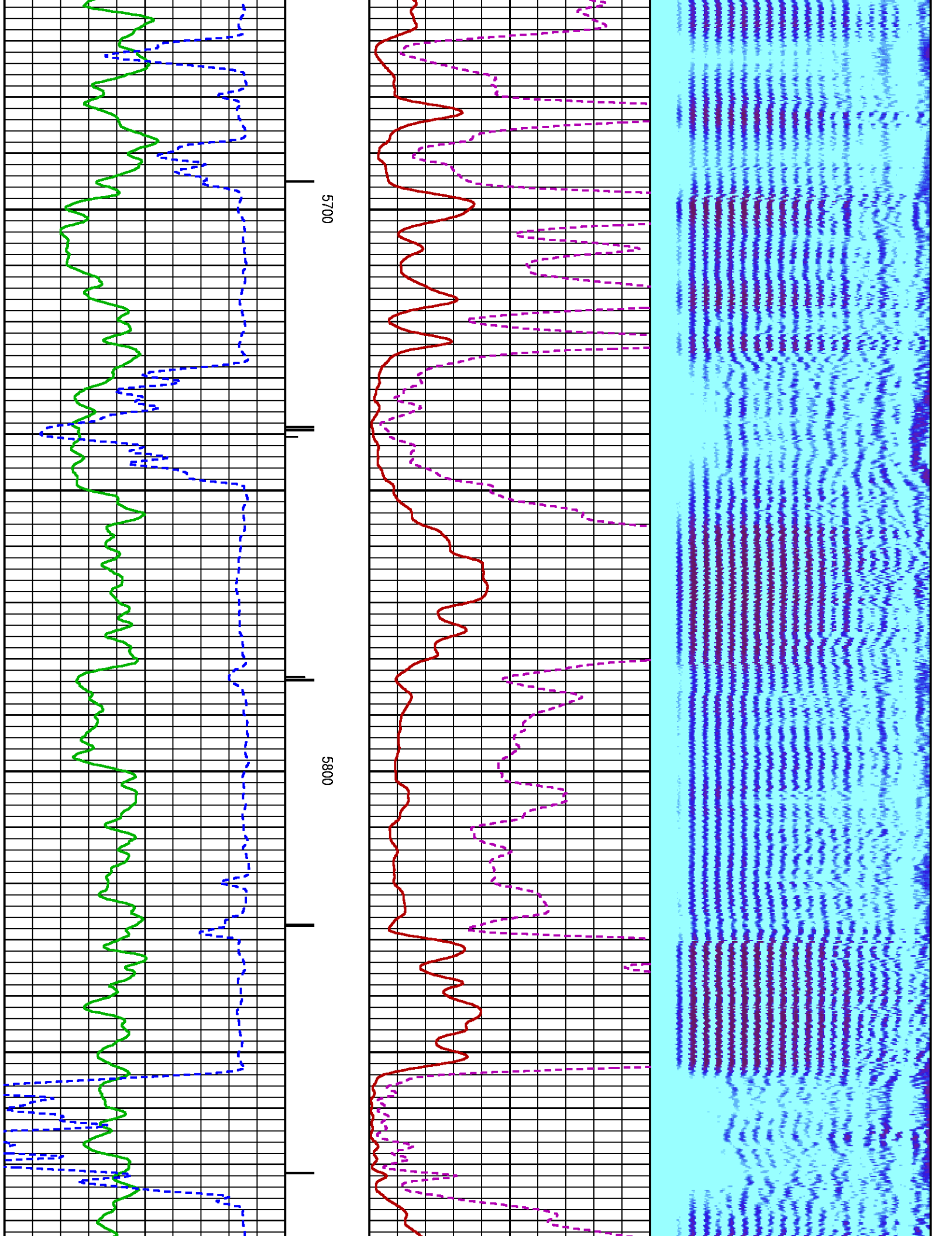


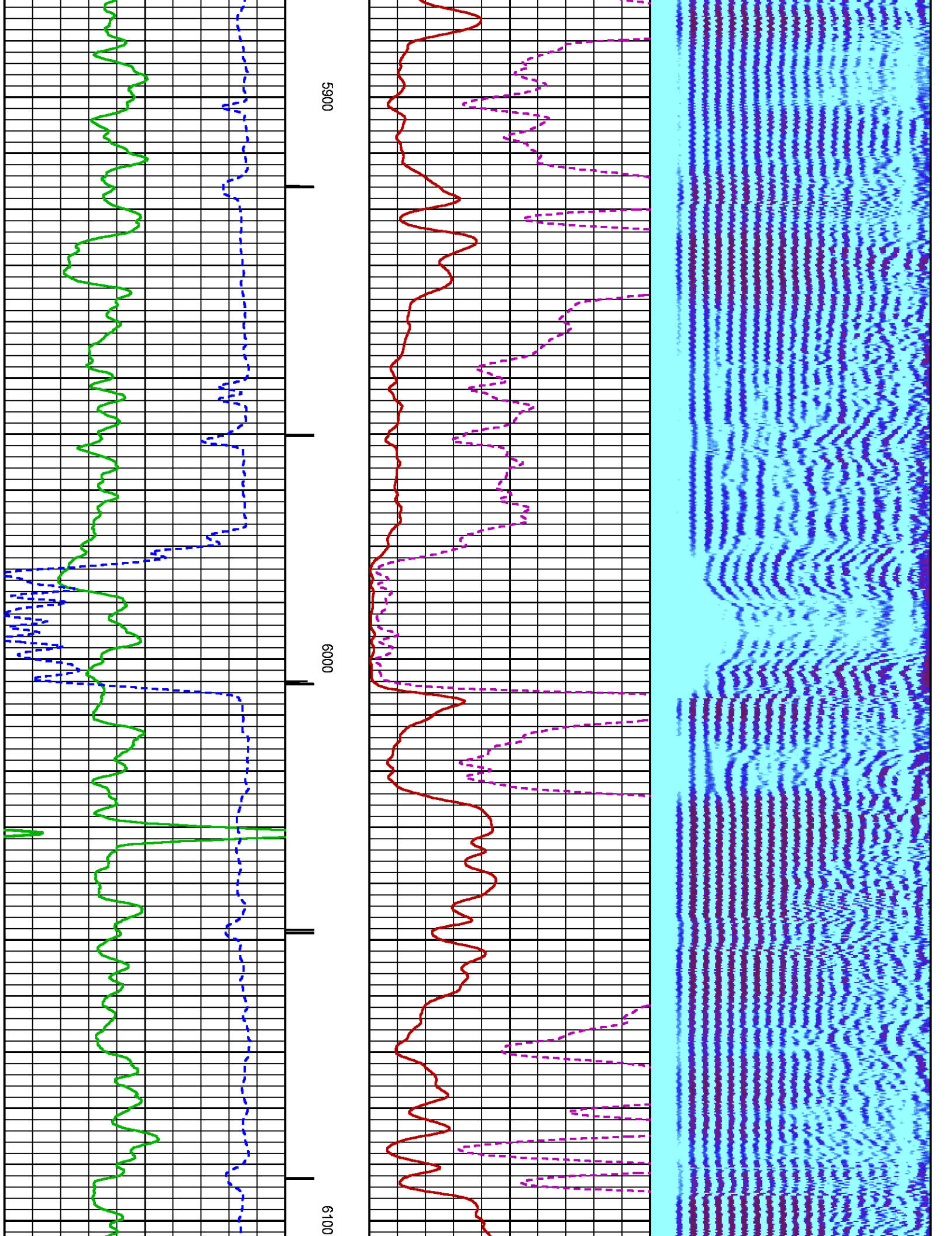


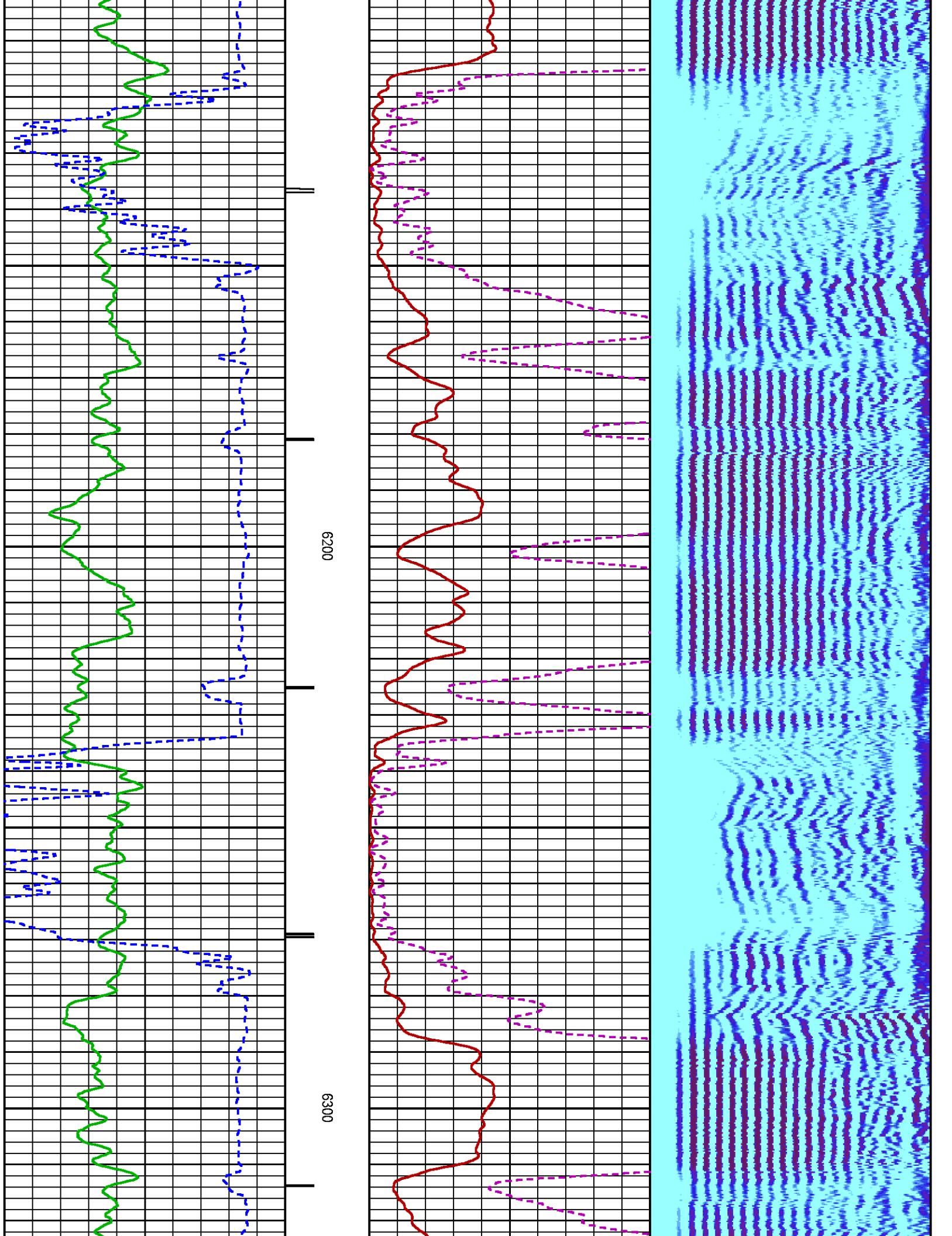


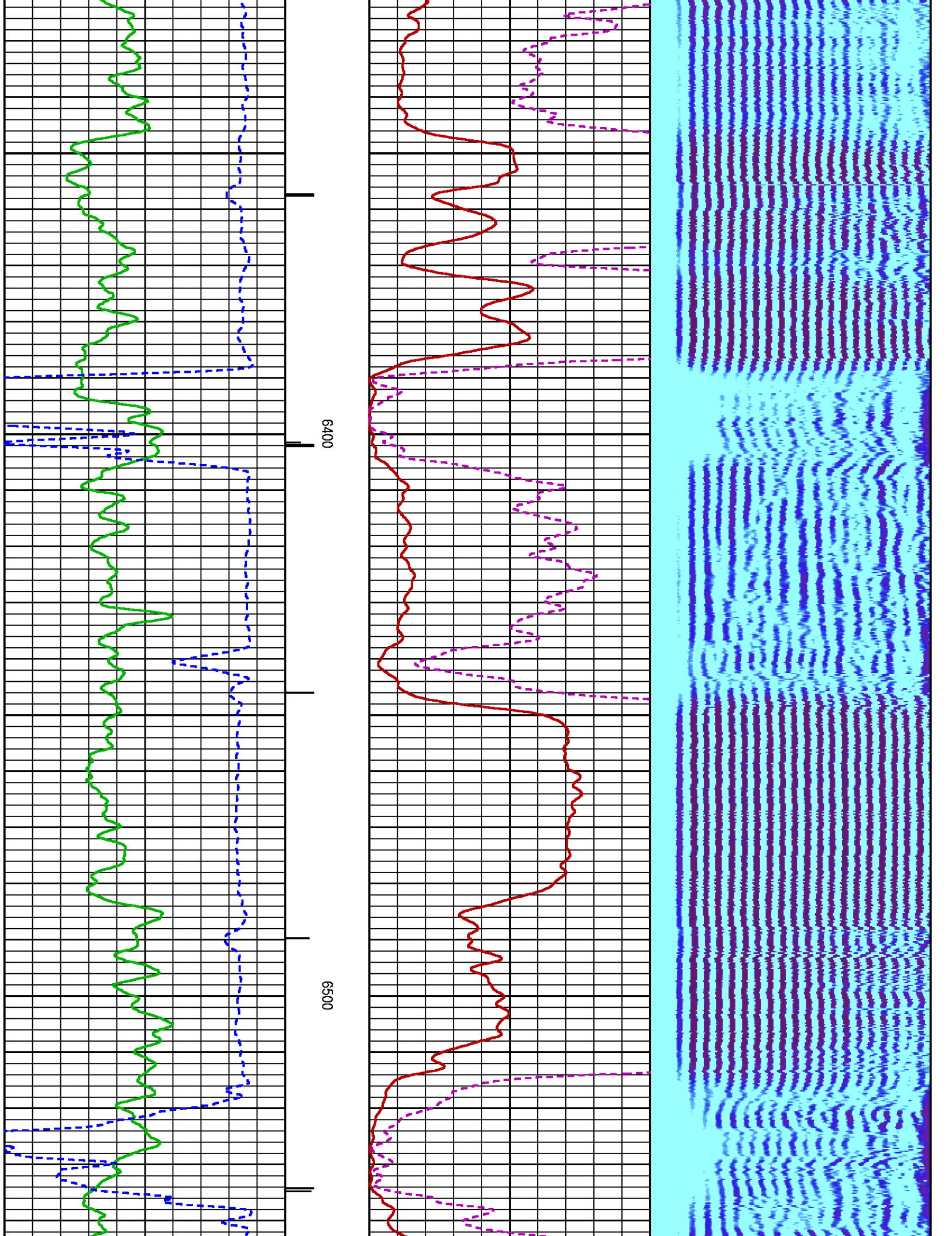


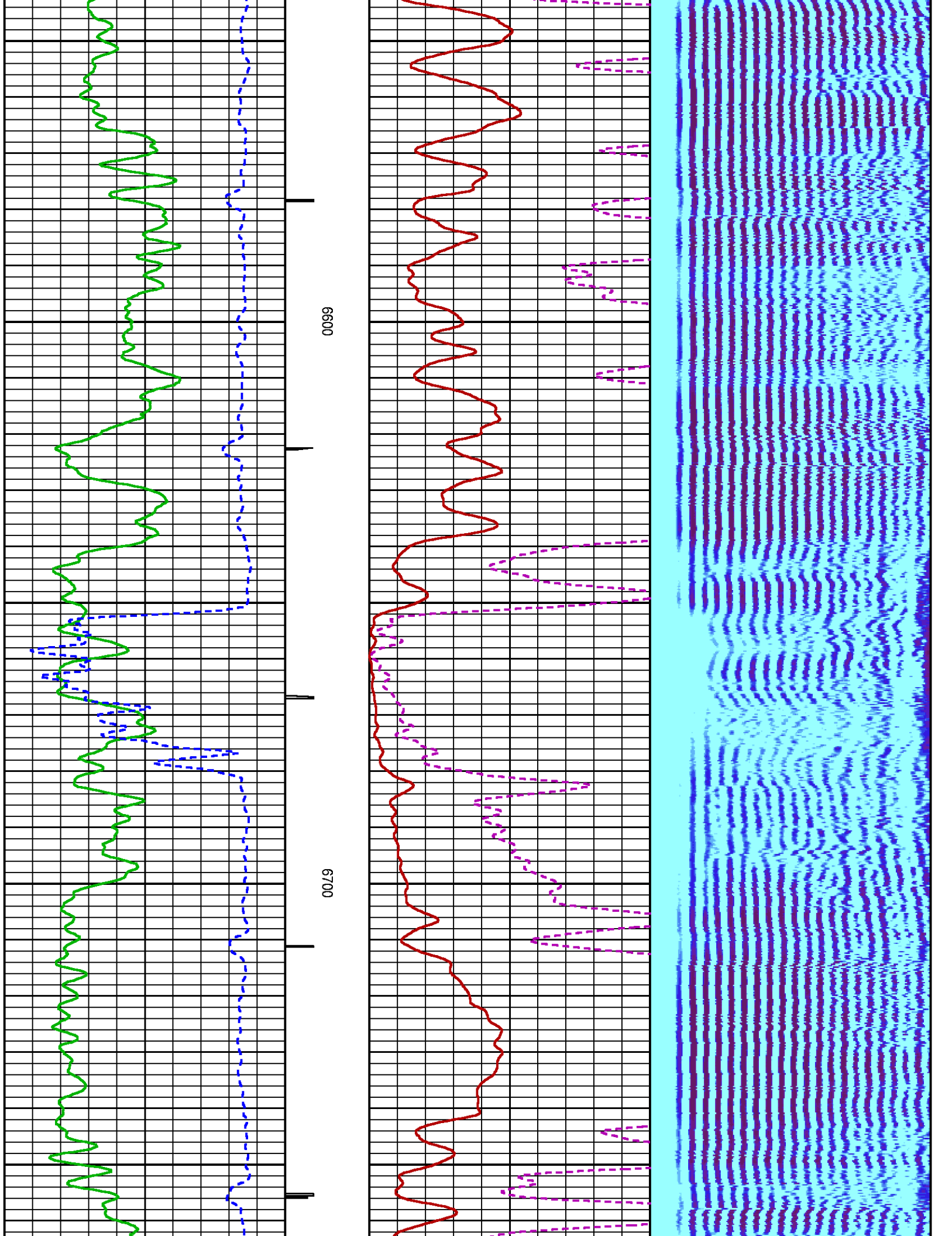


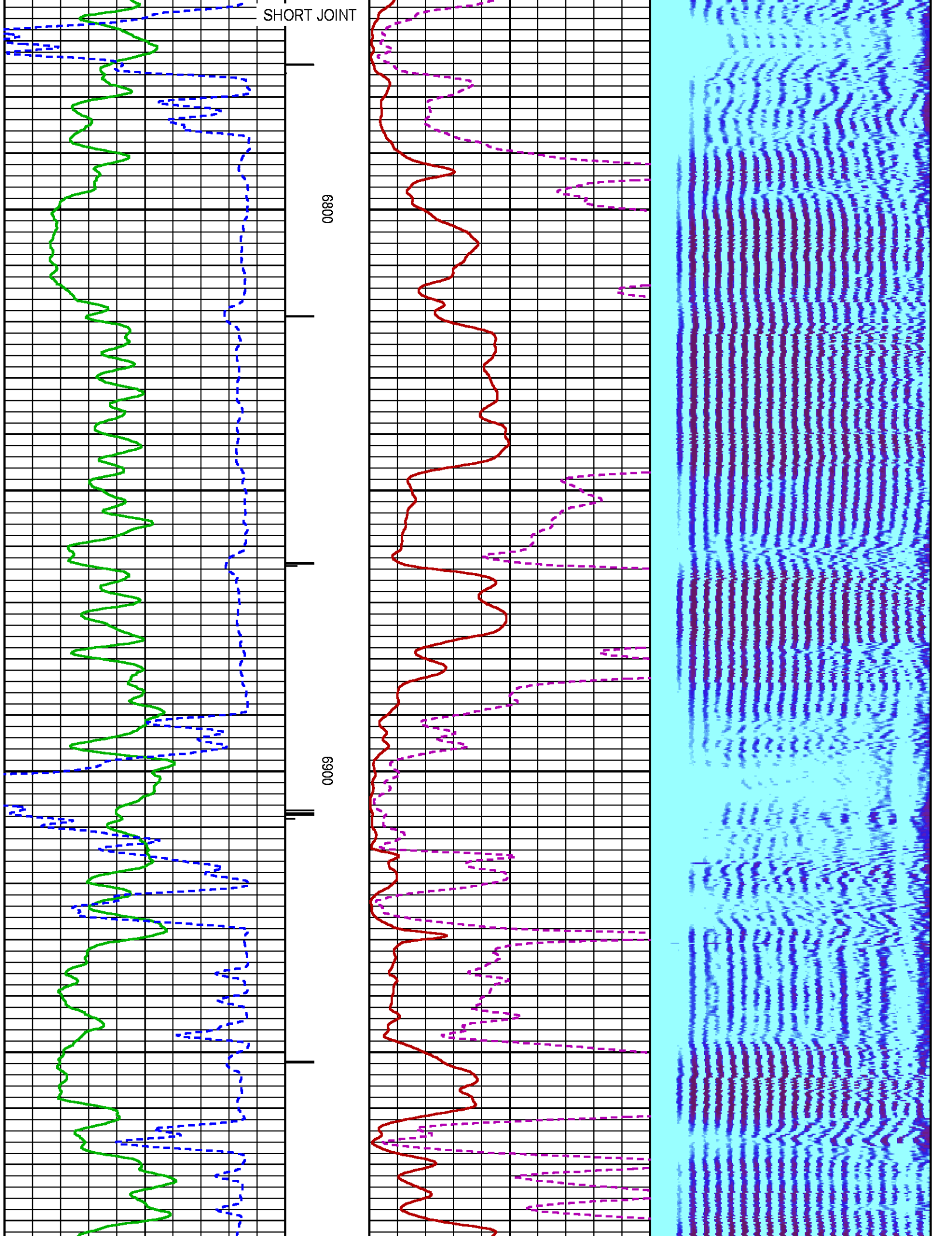


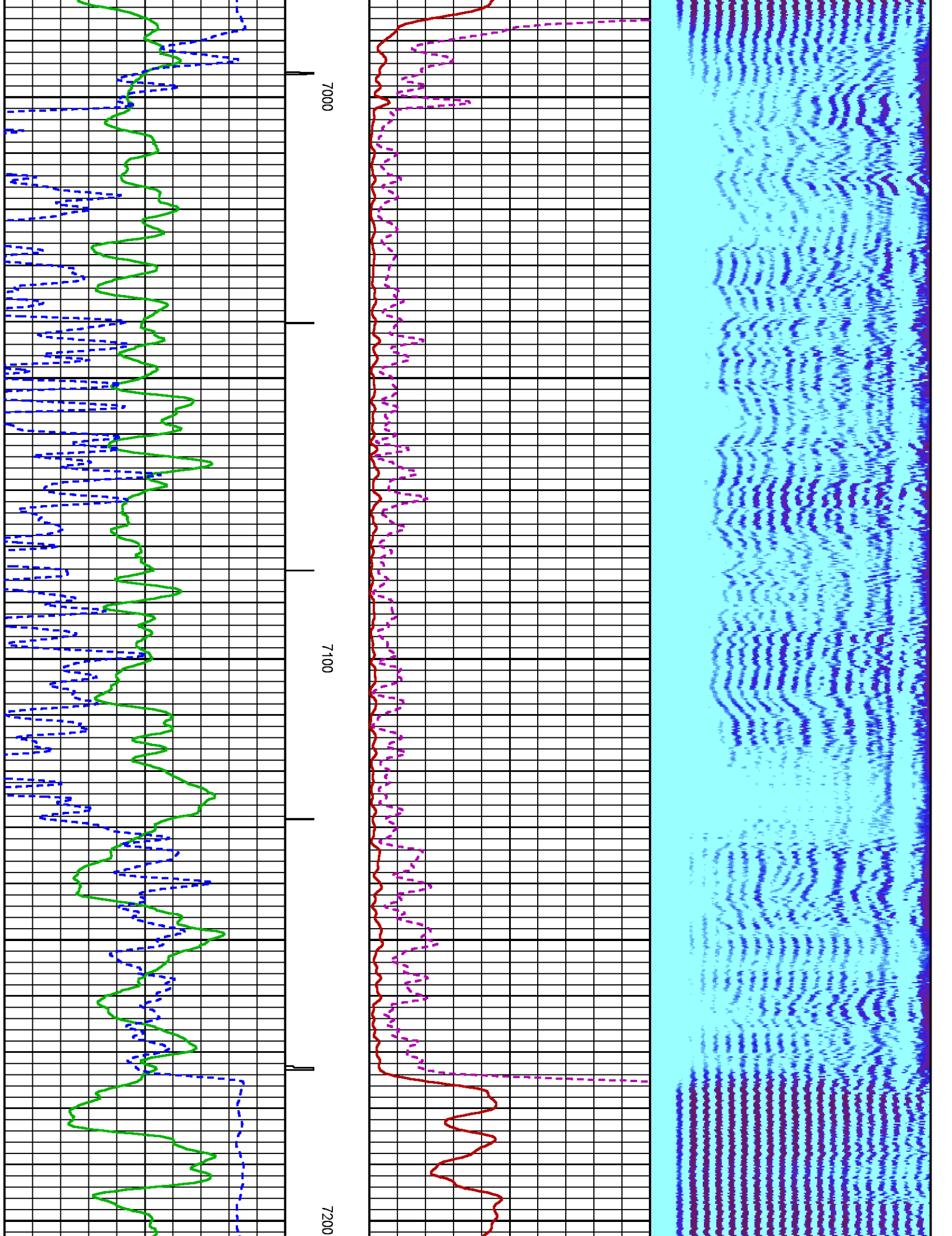


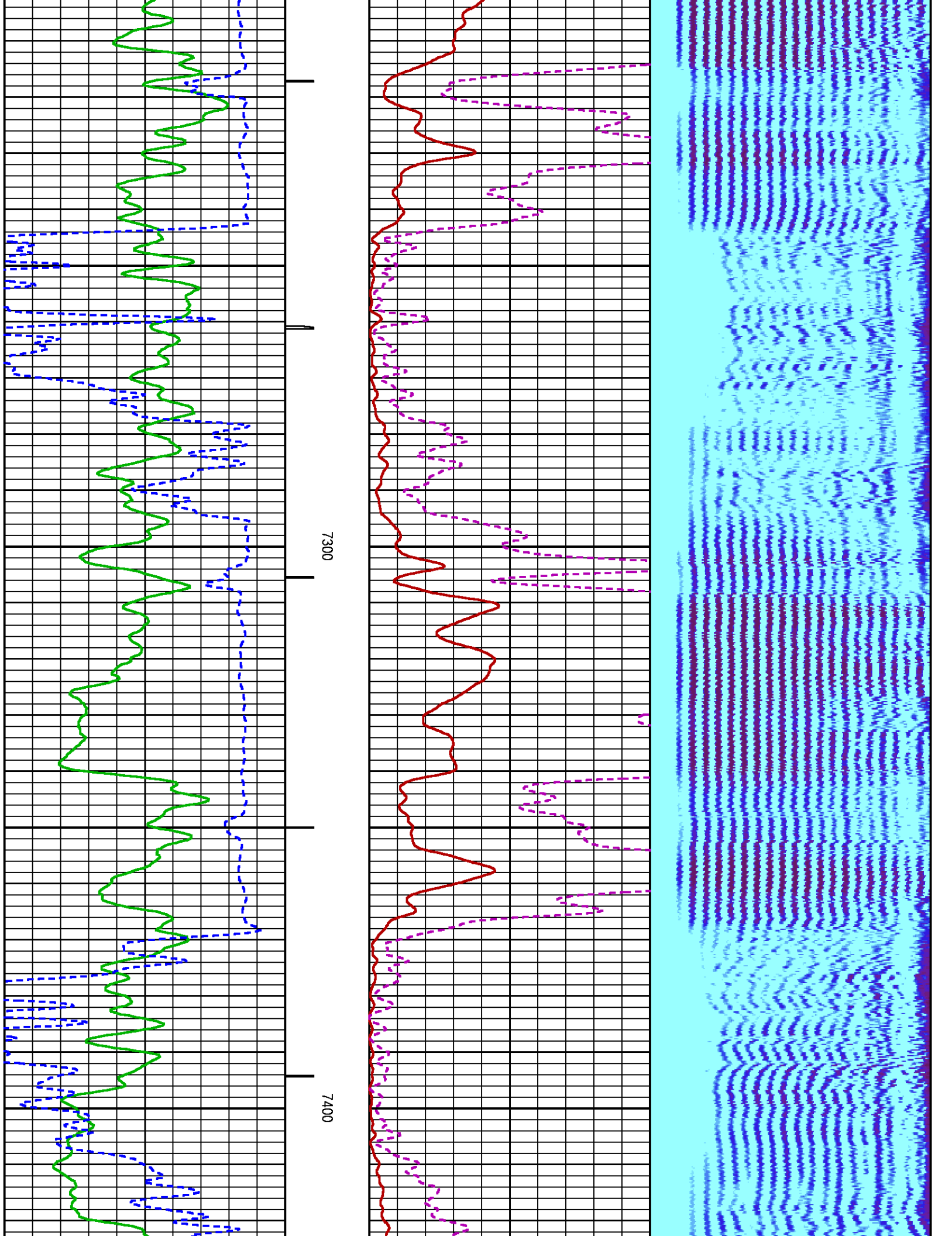


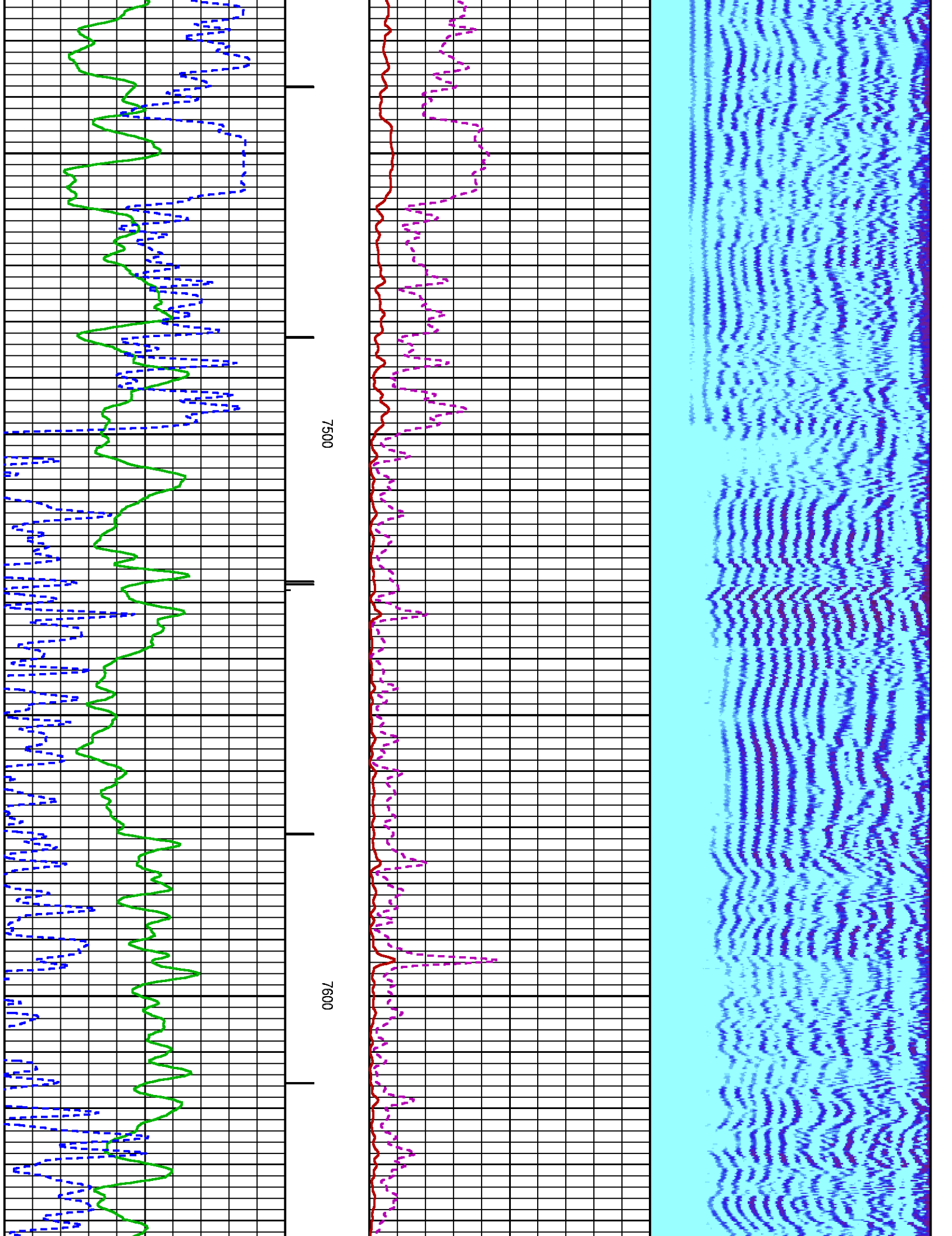


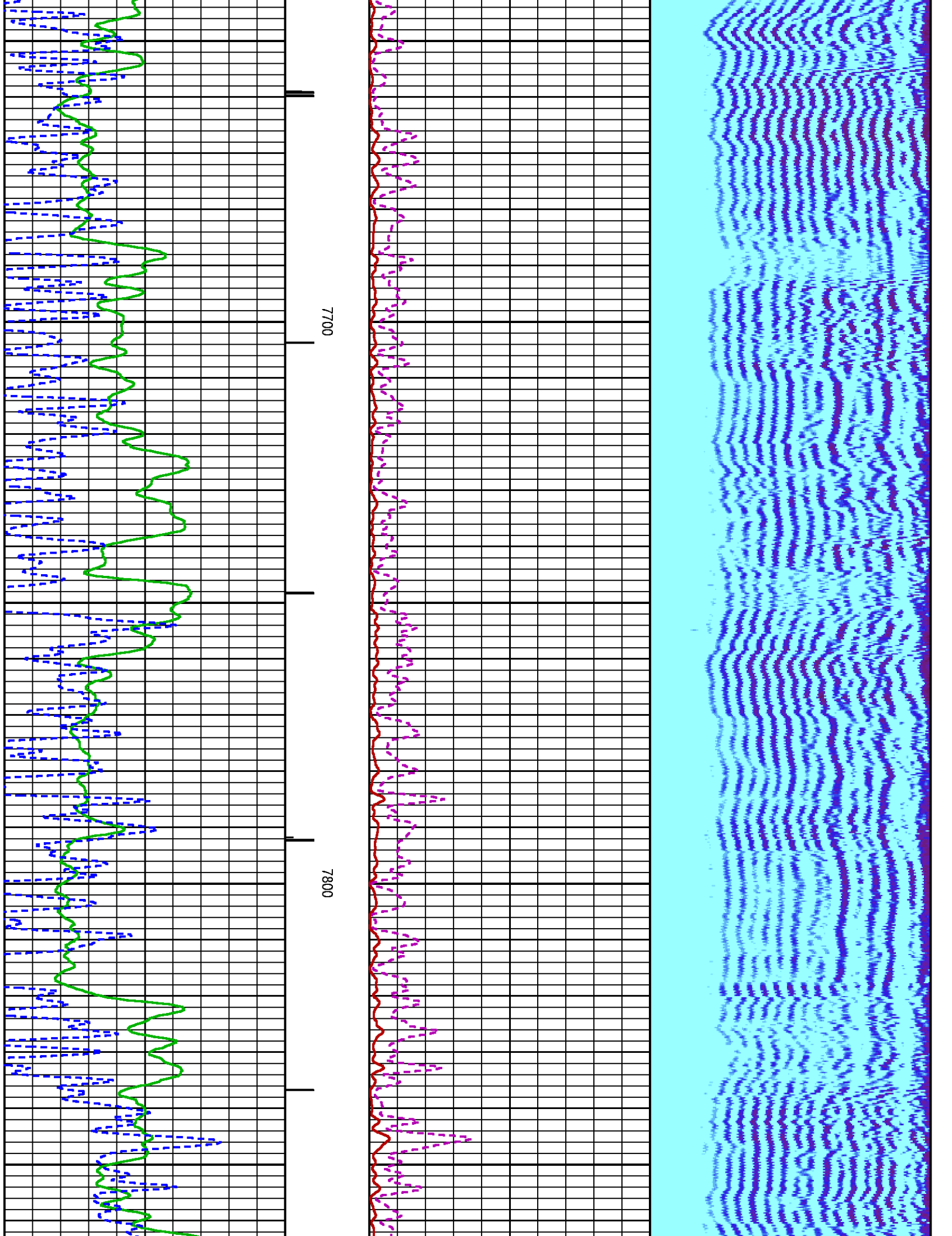


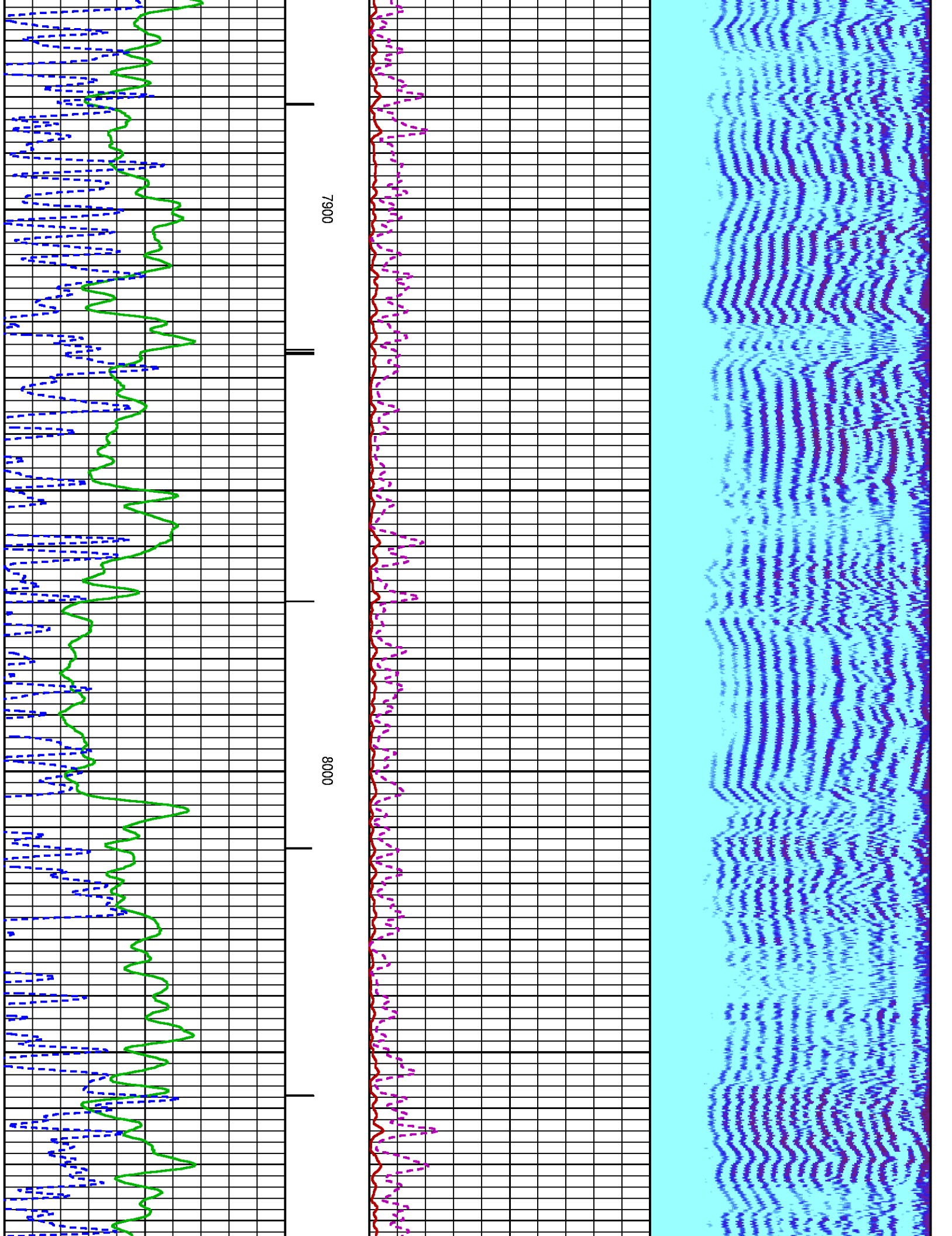


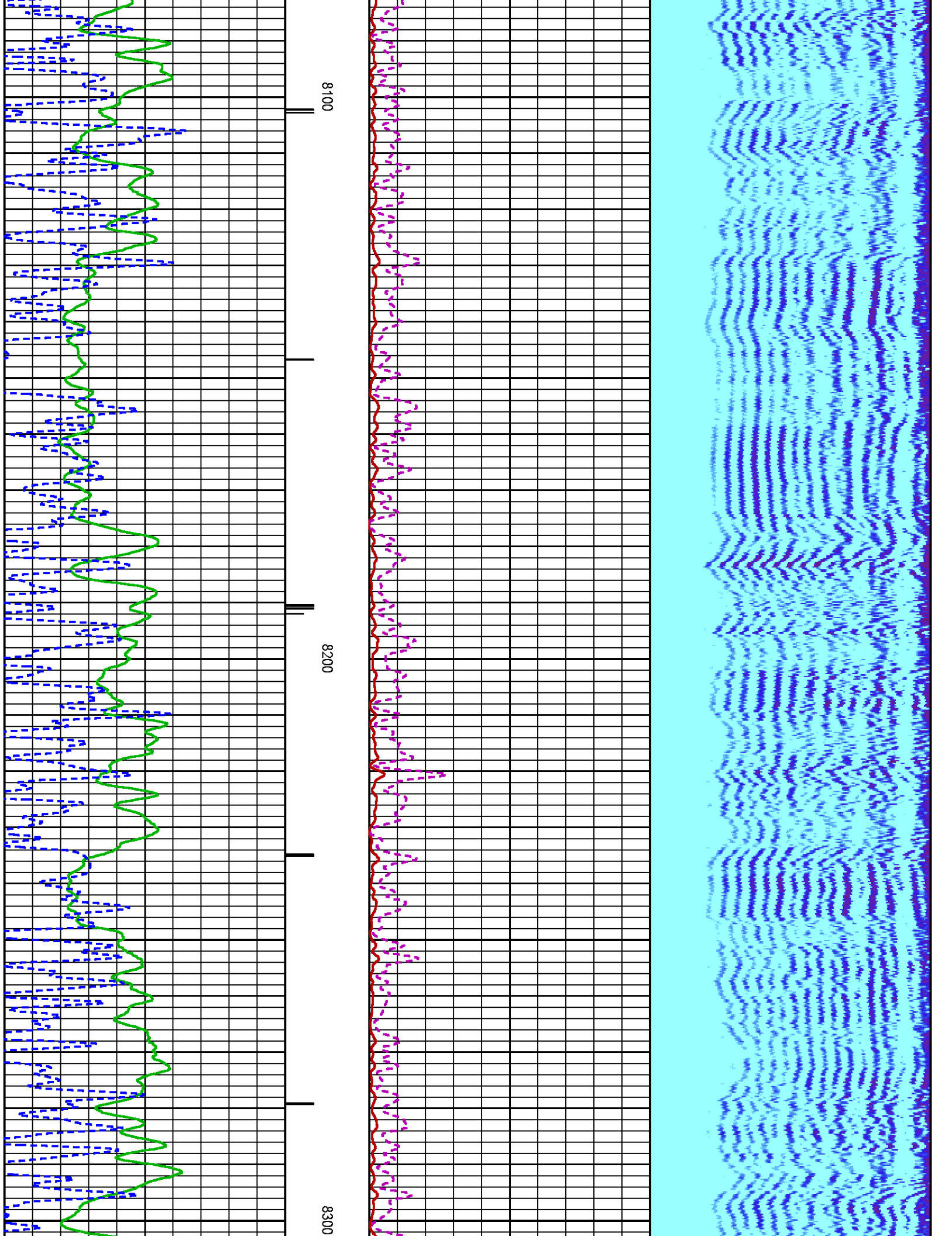


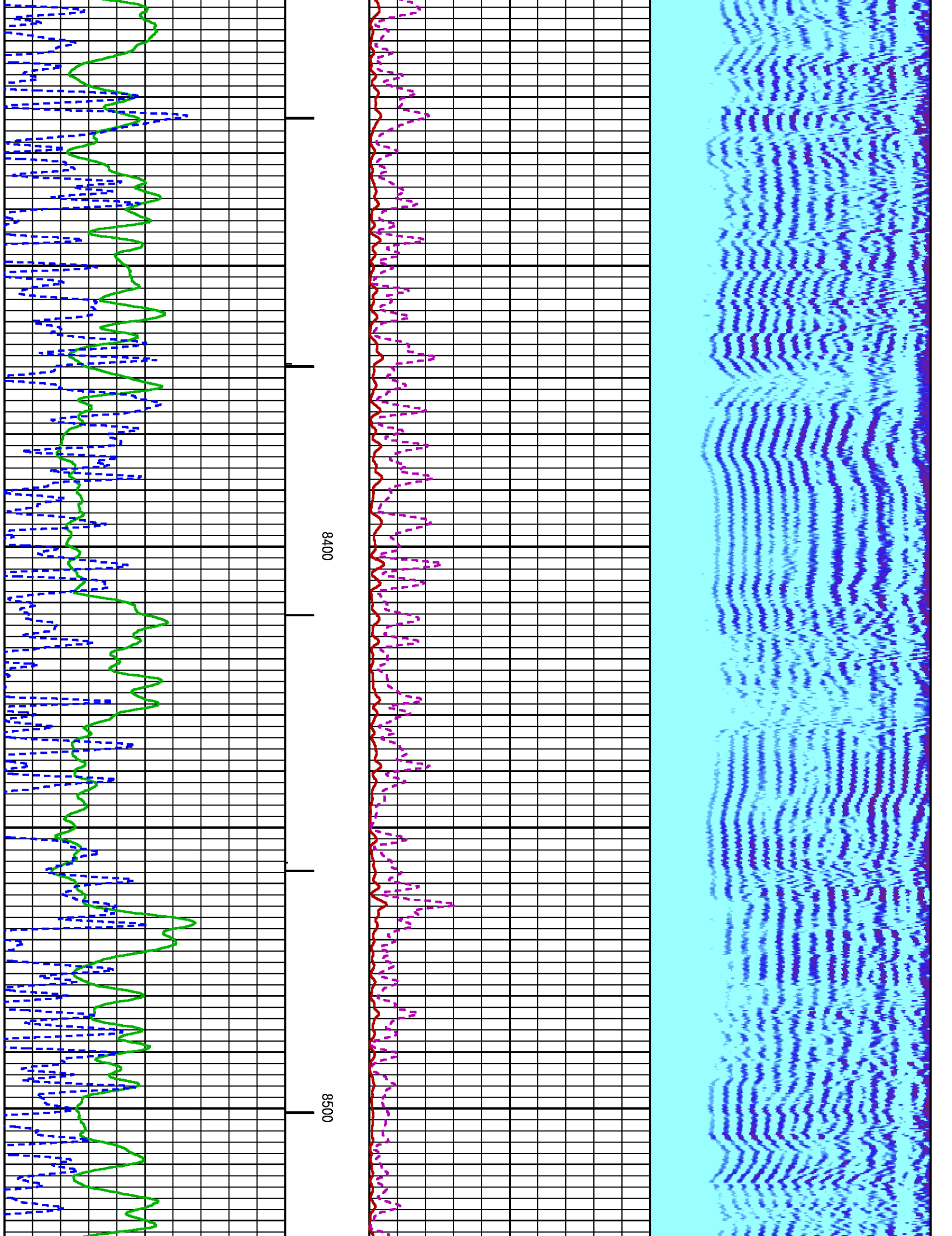


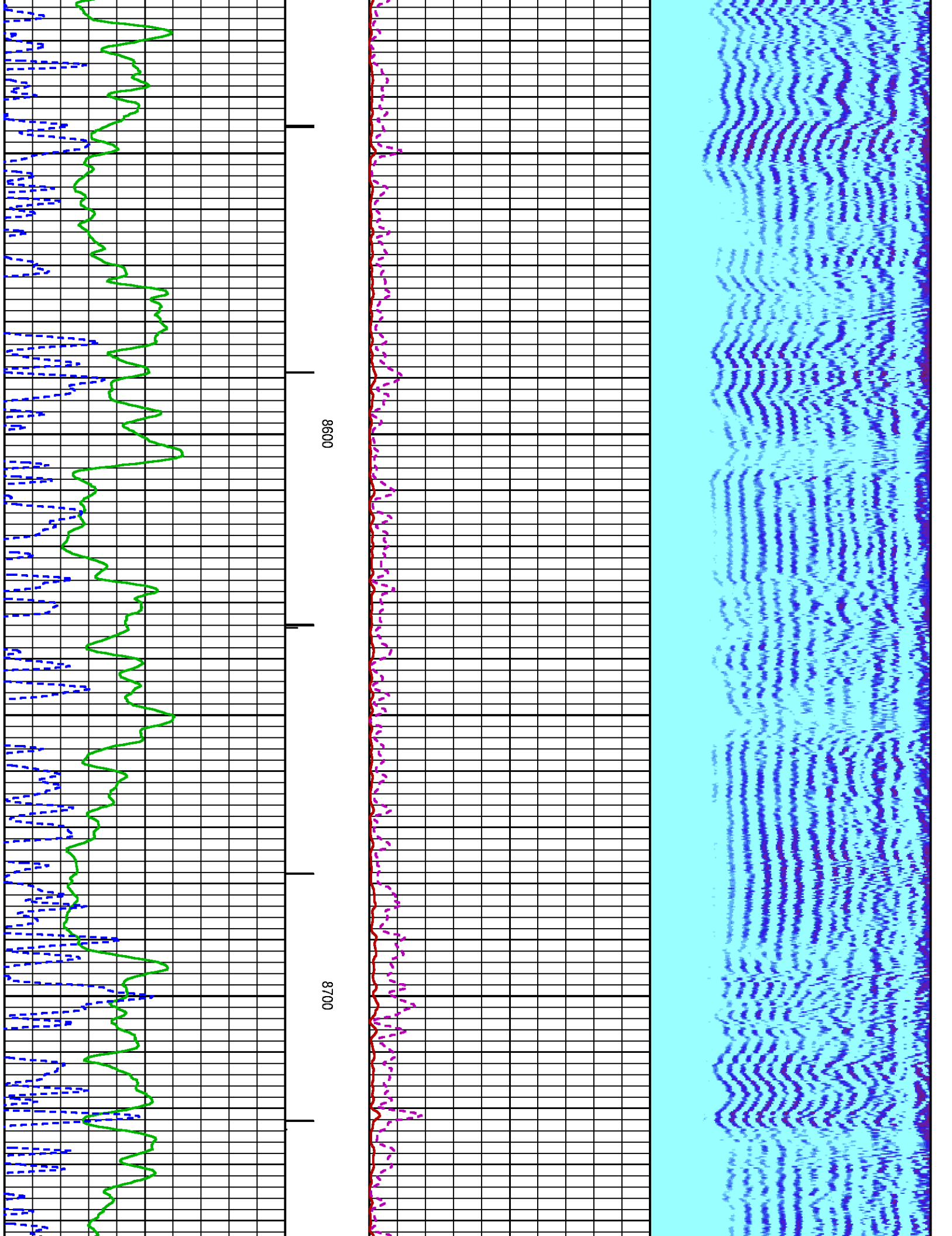


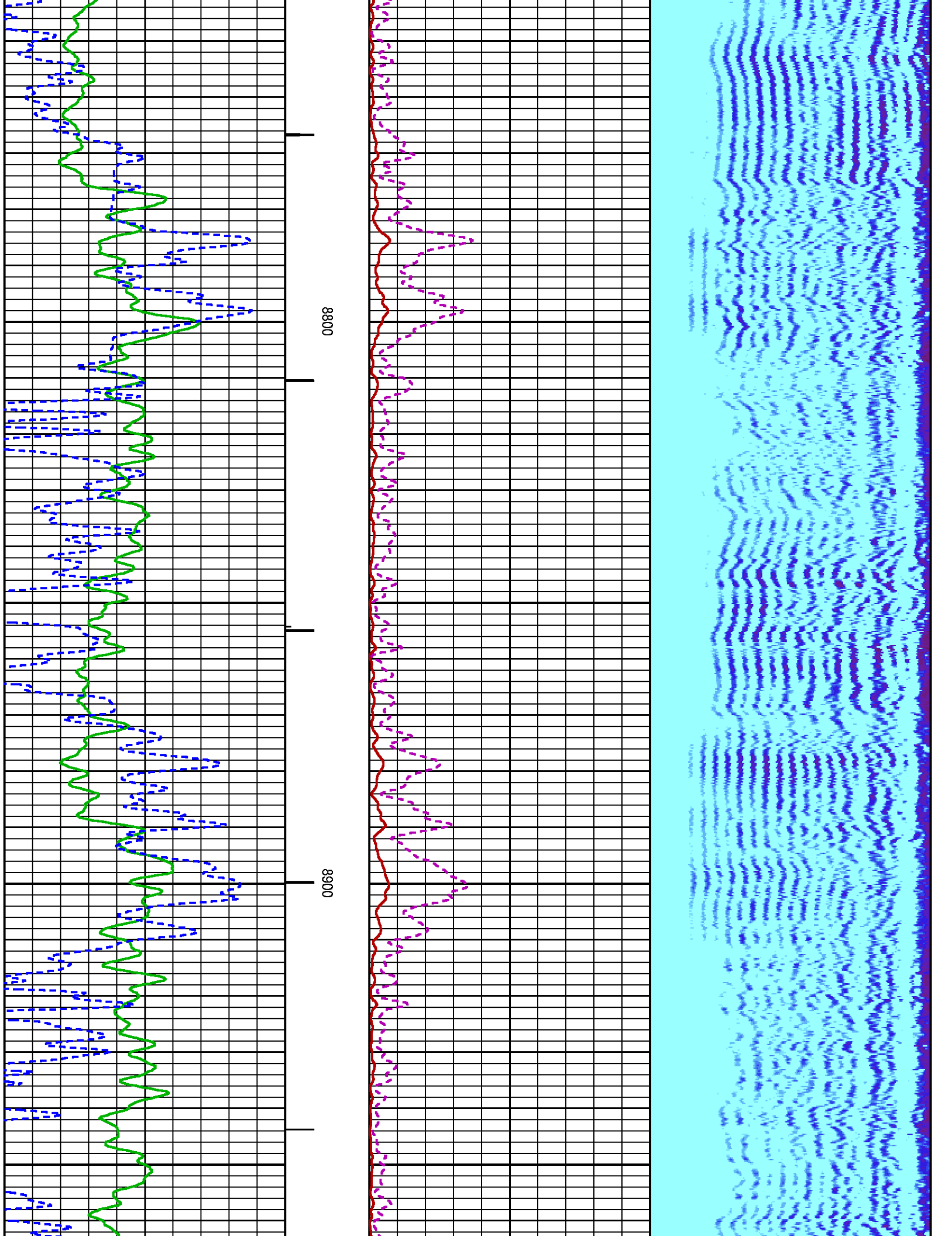


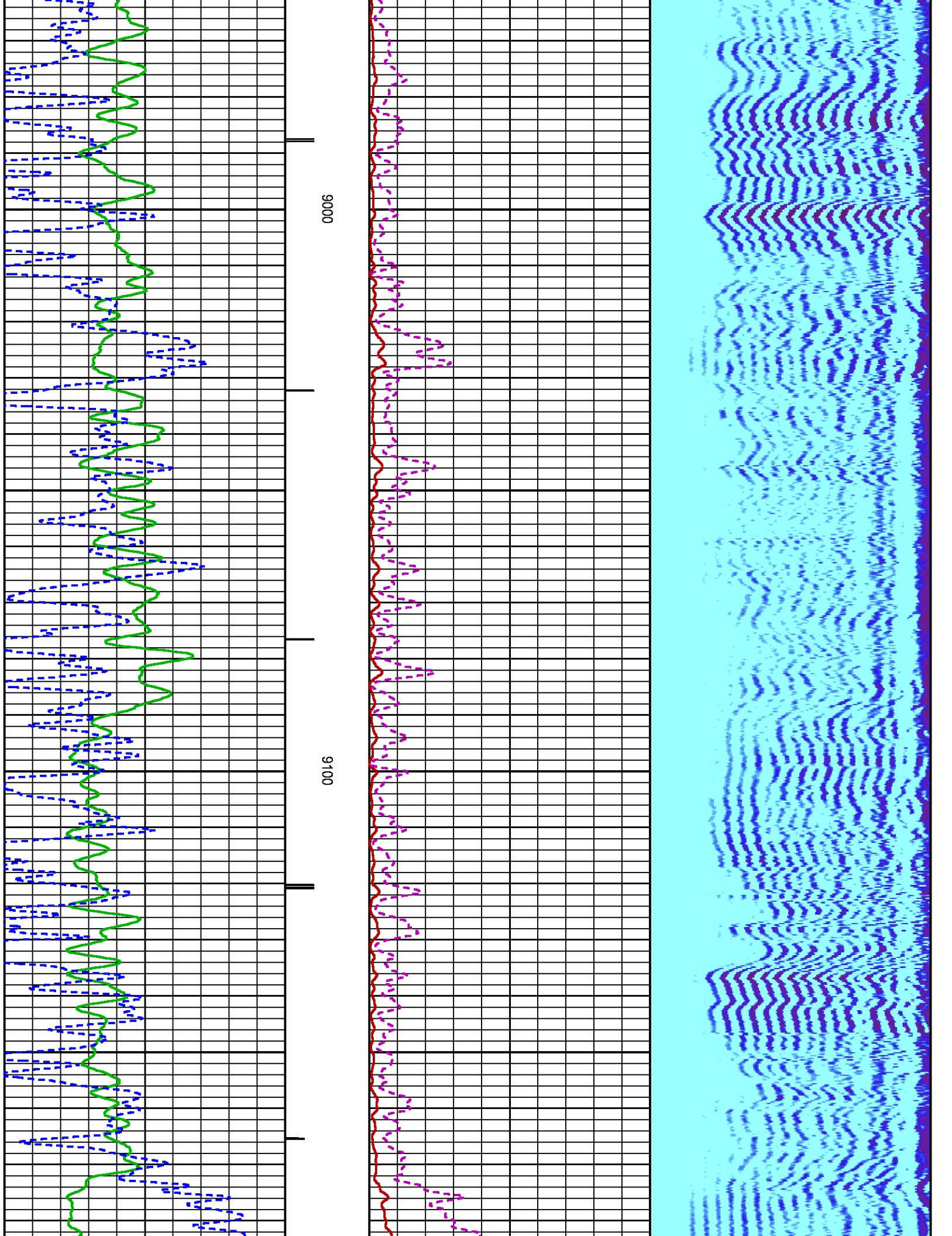


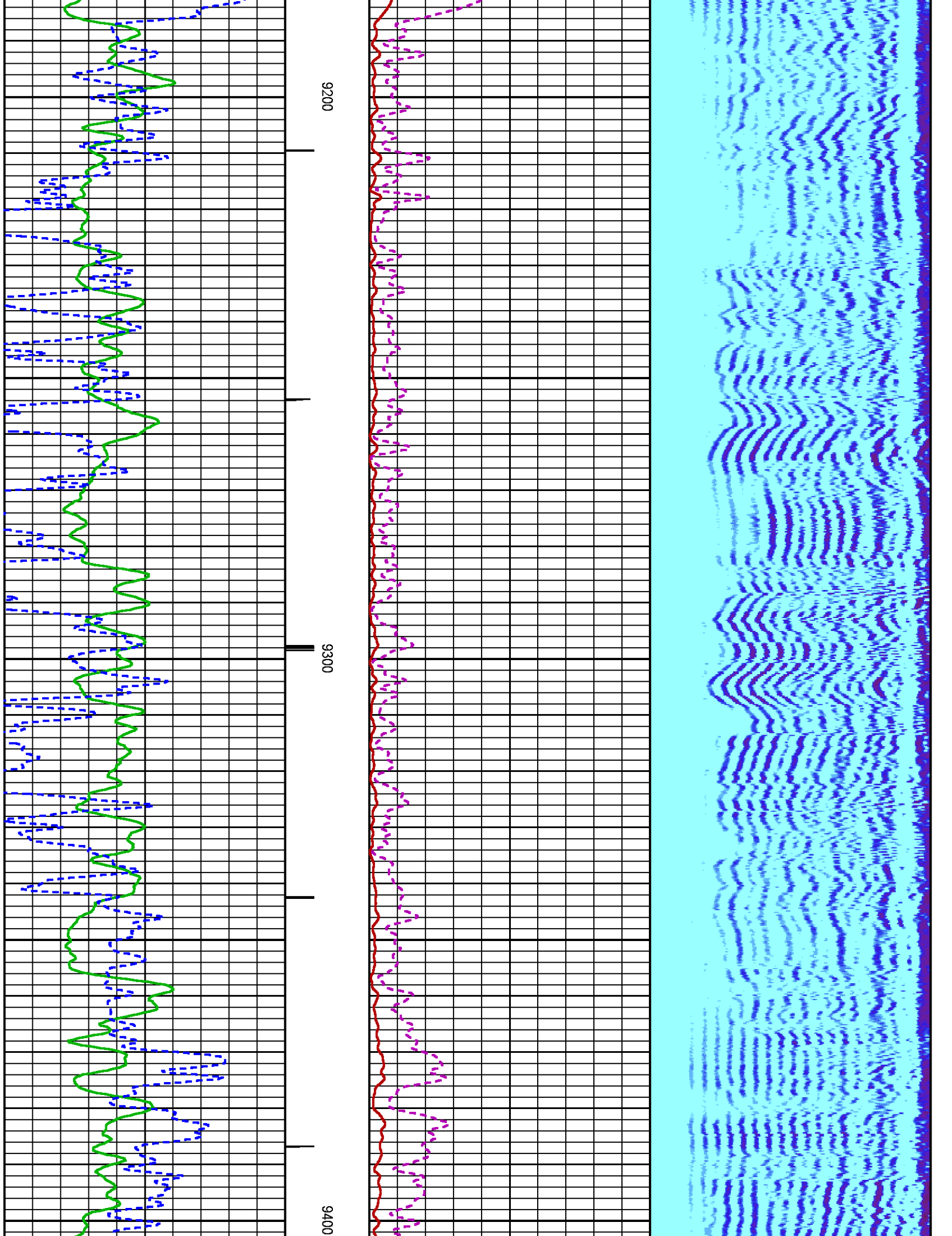


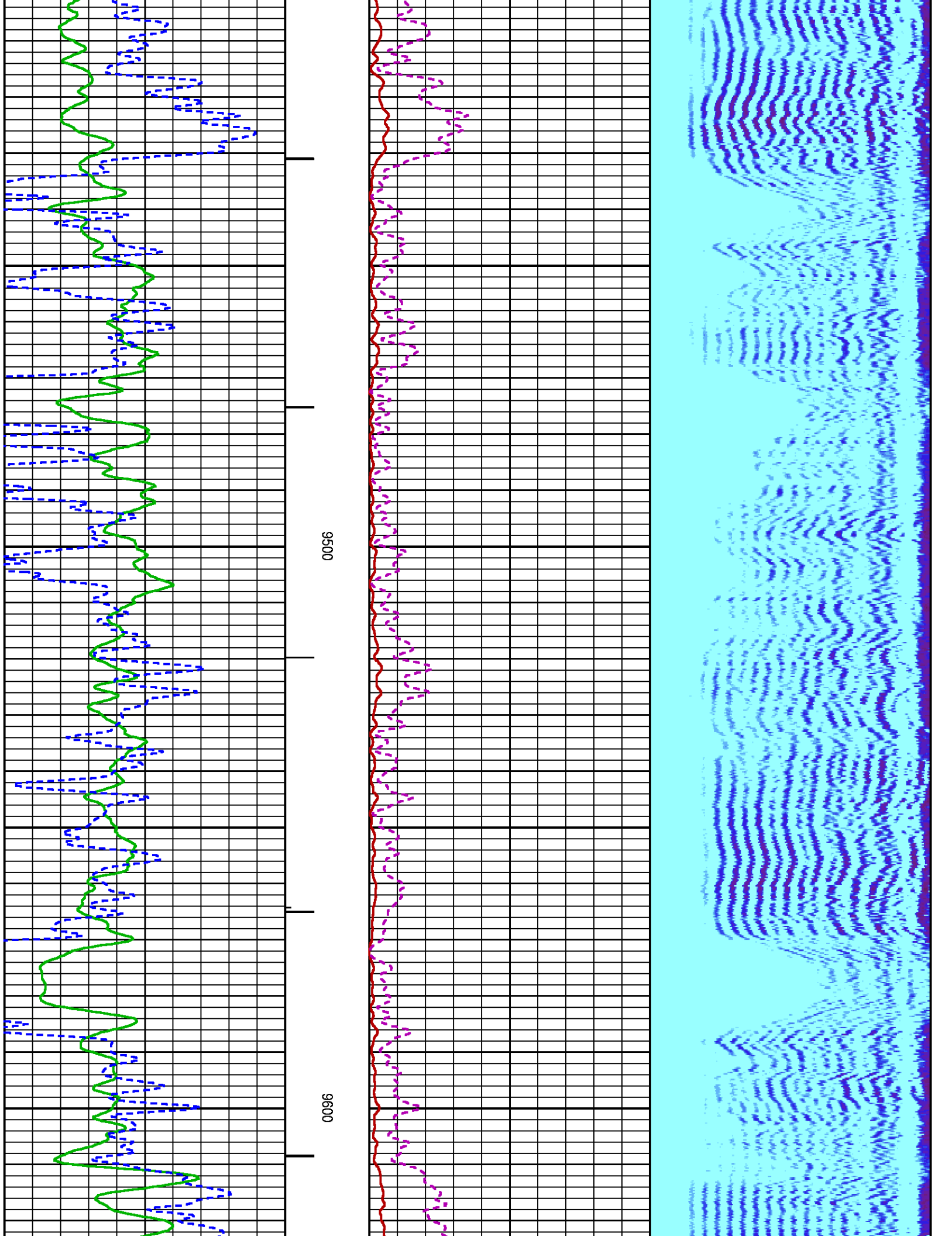


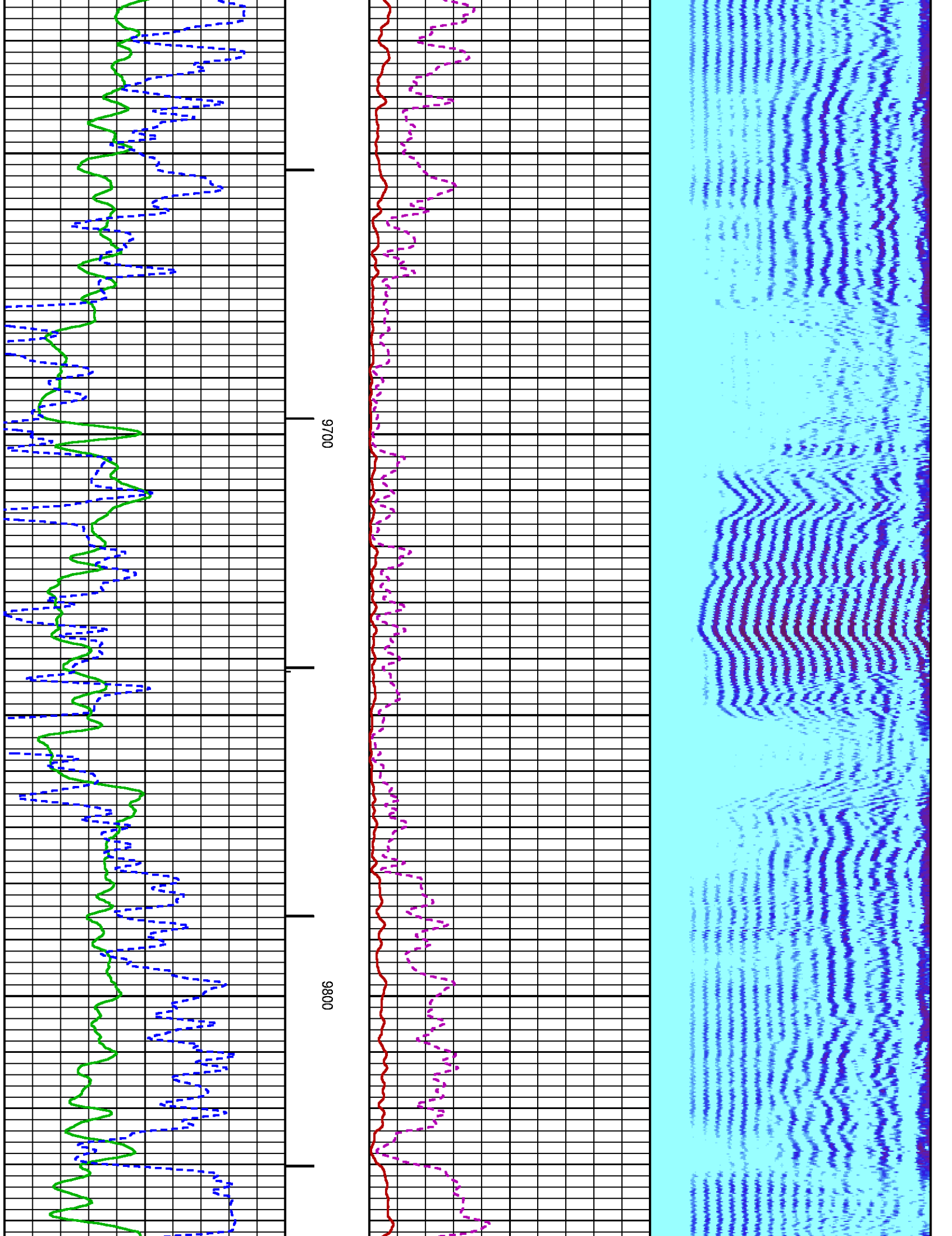


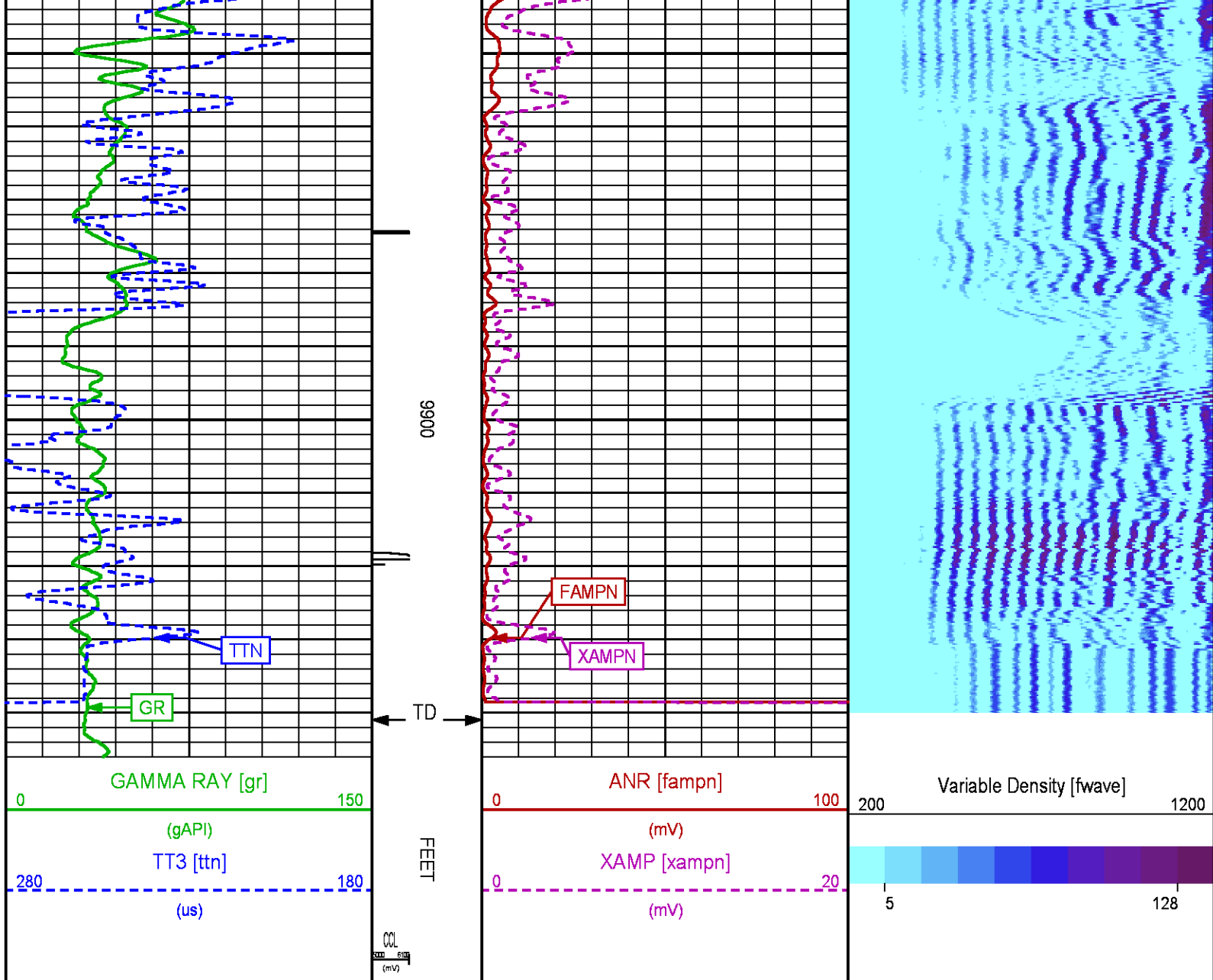












REPEAT LOG 0 PSI

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1 Patches: 6

Plotted: Sun Jul 5 09:58:40 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096694/n012g01.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 9565.500 ft BOTTOM DEPTH: 9913.668 ft

SYMMETRIC FILTER

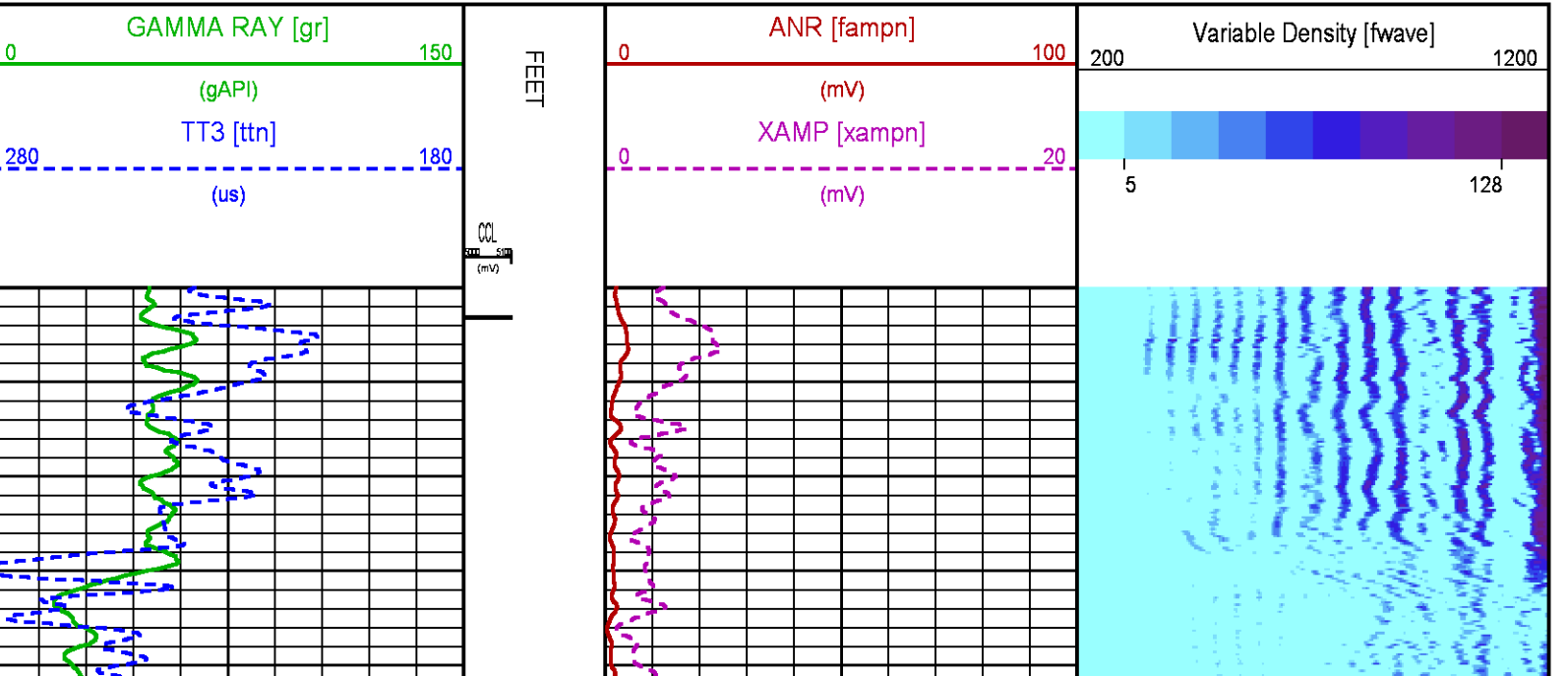
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
GR	FILTER ()	heavy (3)		TOP
AMPLITUDE	FILTER ()	medium (1)		BOTTOM

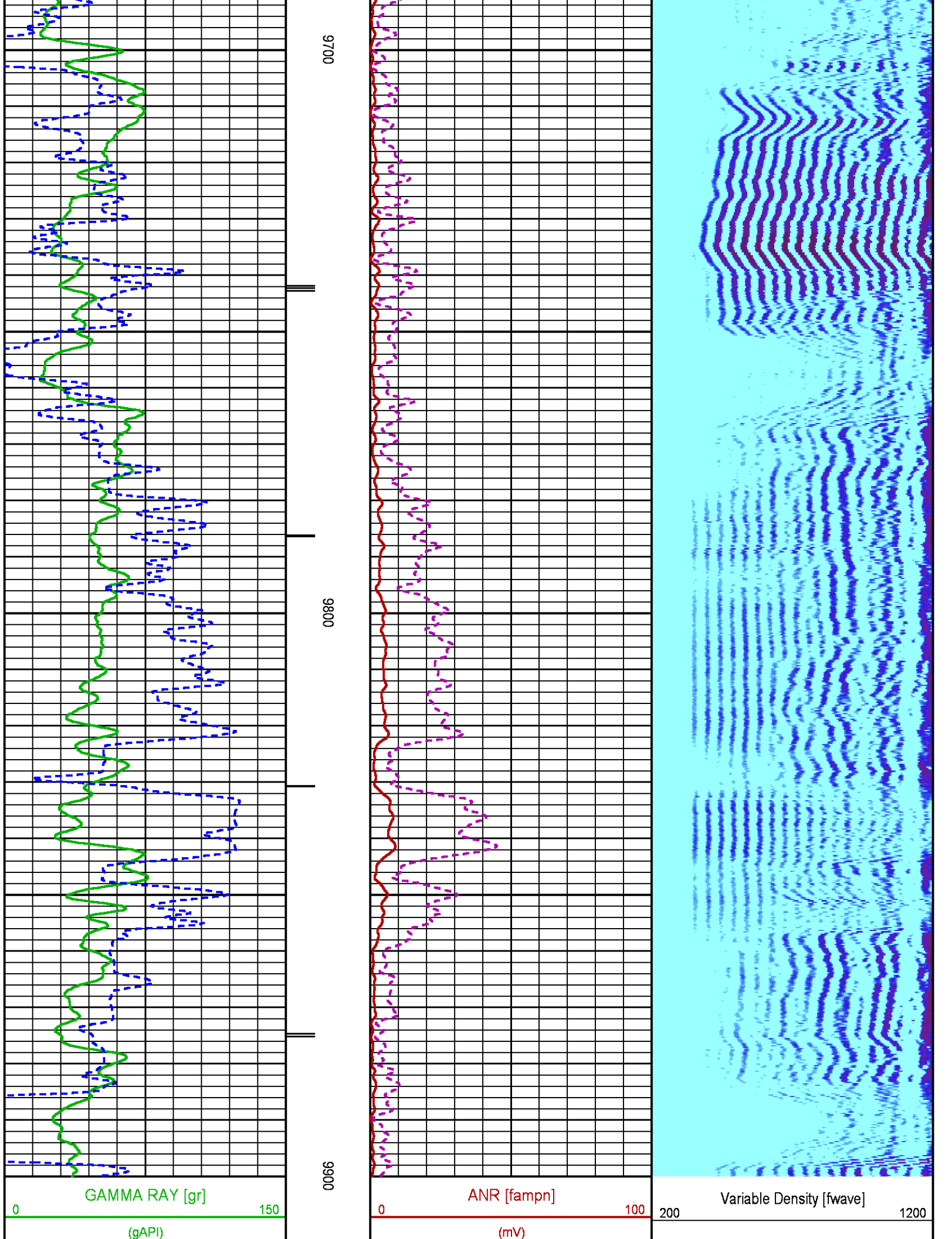
TRAVEL TIME	FILTER ()	medium (1)	"	"
RAL CCL PROCESSING				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
CCL FLOOR	CCL FLOOR	0		TOP BOTTOM
ANALOG RAL PROCESSING				
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	185	us	TOP BOTTOM
	AMP WINDOW LENGTH	30	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*)	-68	us	" "
BASELINE NOISE (NEAR)	NOISE WINDOW START	131	us	" "
	NOISE WINDOW LENGTH	25	us	" "

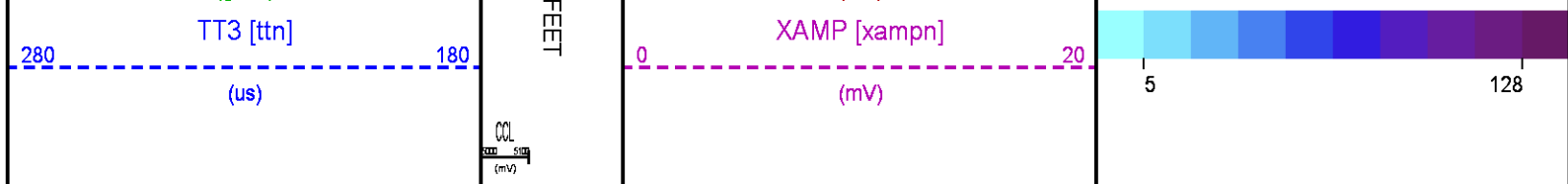
CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jul 5 09:44:23 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jul 5 09:44:23 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jul 5 09:44:23 2015	FAR WAVE FORM
F1:GR	Jul 5 09:44:23 2015	GAMMA RAY
F1:TTN	Jul 5 09:44:23 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jul 5 09:44:23 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

CURVE MEASURE POINT OFFSET					
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	: HL6670:/dat1a/CH096694/WPX_CBL_REPEAT_PRESENTATION.fvpdf [5"/100' Scale]
Plot Interval	: 9650 - 9900 Feet
Data File 1	: F1 : HL6670:/dat1a/CH096694/n012g01REPEAT544.xtf
Created On	: Jul 5 09:44:23 2015
Company	: WPX ENERGY
Well	: YOUNBERG RU 544_7
Field	: RULISON
File Interval	: 9554.25 - 9911.5 Feet
OCT	: n012g







SECONDARY PRESENTATION 0 PSI

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

Updates: 1 Patches: 6

Plotted: Sun Jul 5 12:41:38 2015

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH096694/n012g02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 1.000 ft BOTTOM DEPTH: 9926.250 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	heavy (3)		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	30	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*)	-68	us	"	"
	TOOL DELAY (str2*)	-68	us	"	"
	TOOL DELAY (str3*)	-68	us	"	"
	TOOL DELAY (str4*)	-68	us	"	"
	TOOL DELAY (str5*)	-68	us	"	"
	TOOL DELAY (str6*)	-68	us	"	"
	TOOL DELAY (str7*)	-68	us	"	"
	TOOL DELAY (str8*)	-68	us	"	"
BASELINE NOISE (NEAR)	TOOL DELAY (strn*)	-68	us	"	"
	NOISE WINDOW START	131	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

PERCENT BOND CEMENT MAP

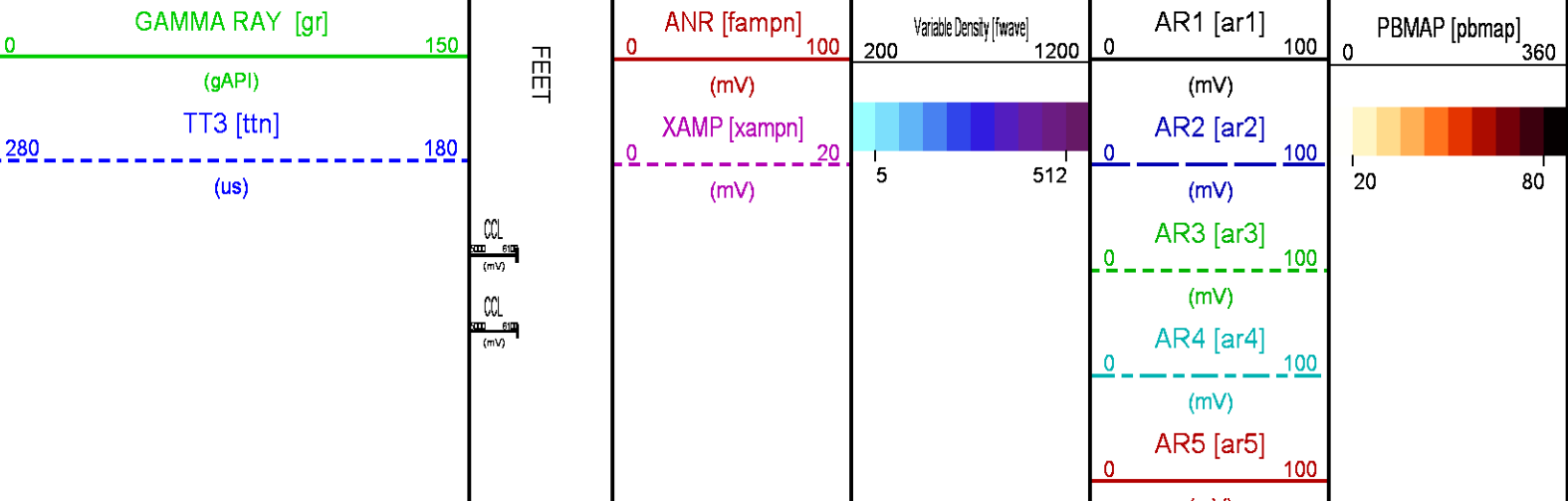
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
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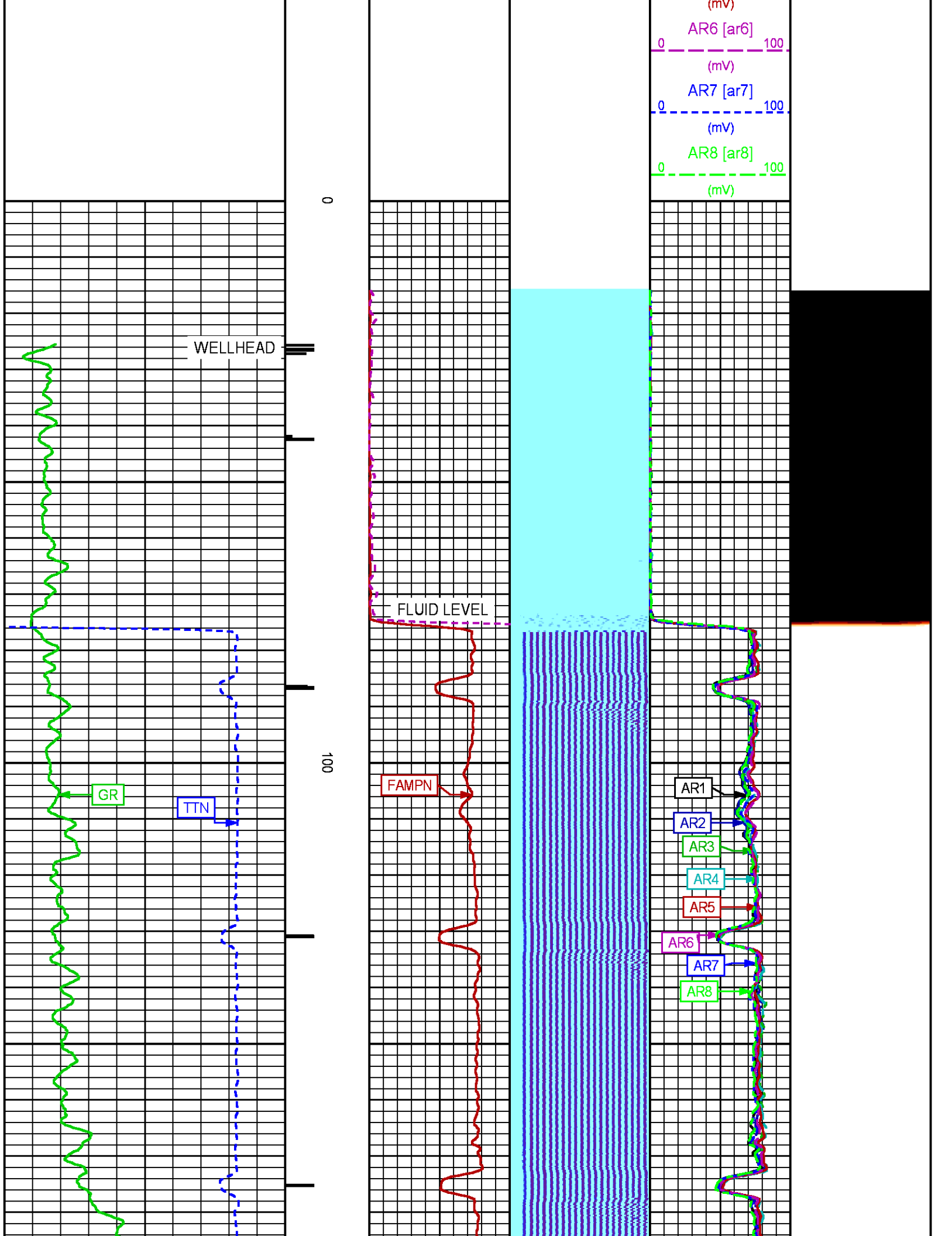
RAL FREE PIPE AMPLITUDE	FREE AMP REC 1	80	mV	TOP	BOTTOM
	FREE AMP REC 2	80	mV	"	"
	FREE AMP REC 3	80	mV	"	"
	FREE AMP REC 4	80	mV	"	"
	FREE AMP REC 5	80	mV	"	"
	FREE AMP REC 6	80	mV	"	"
	FREE AMP REC 7	80	mV	"	"
	FREE AMP REC 8	80	mV	"	"
RAL FULL BOND AMPLITUDE	FULL BOND AMP REC 1	2	mV	"	"
	FULL BOND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

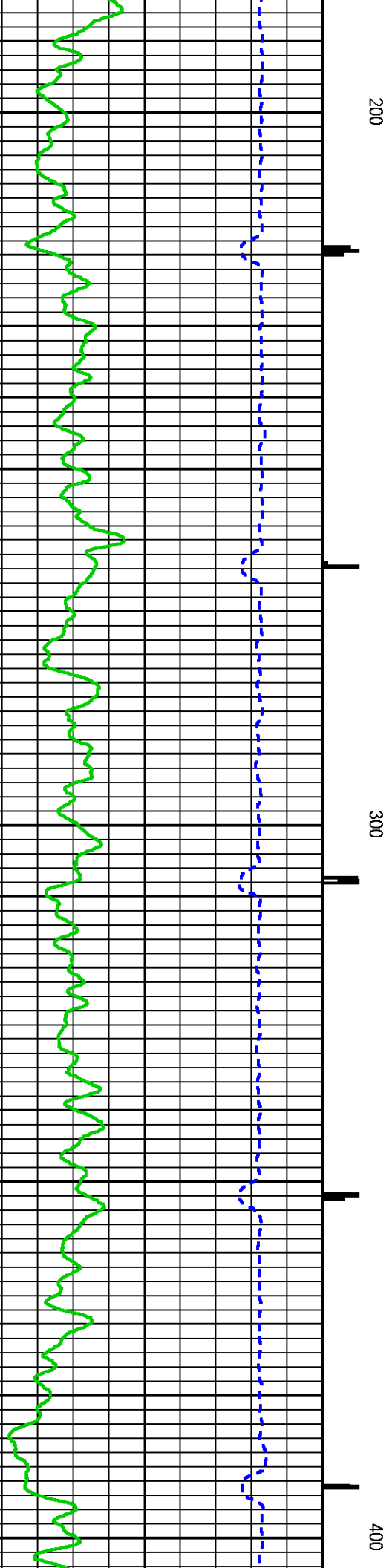
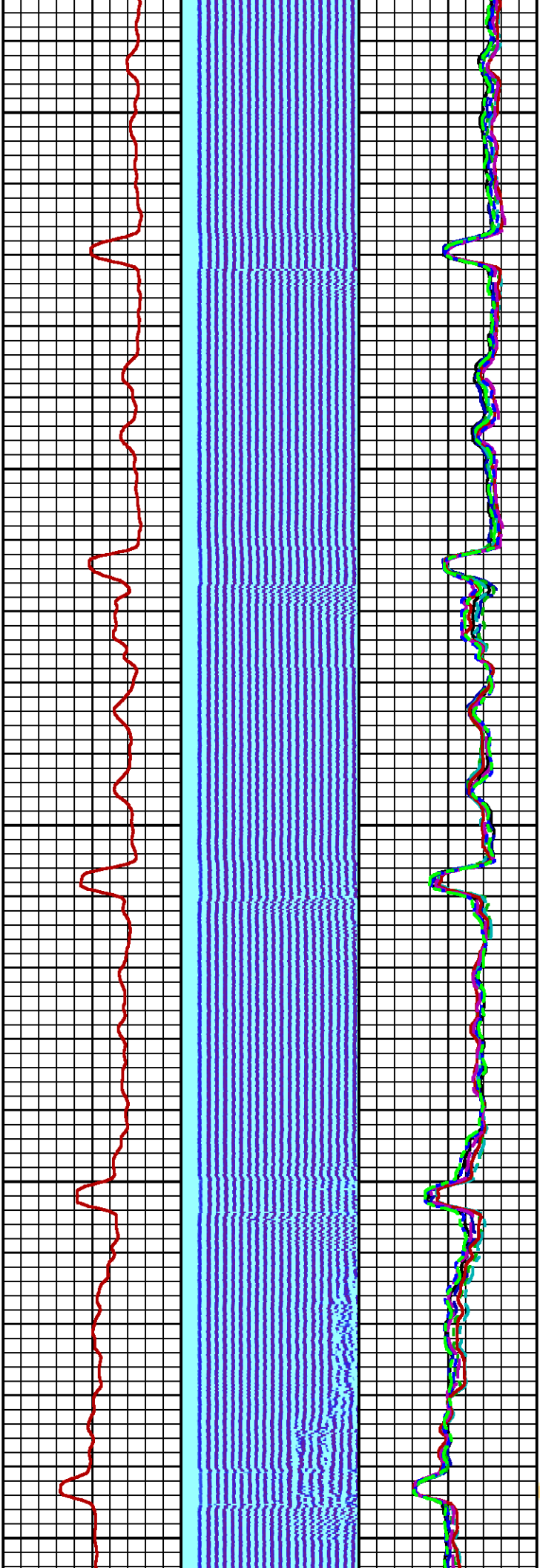
CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:AR1	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE T-R1
F1:AR2	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE T-R2
F1:AR3	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE T-R3
F1:AR4	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE T-R4
F1:AR5	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE T-R5
F1:AR6	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE T-R6
F1:AR7	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE T-R7
F1:AR8	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE T-R8
F1:CCL	Jul 5 09:55:32 2015	CASING COLLAR LOCATOR
F1:FAMPN	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jul 5 09:55:32 2015	FAR WAVE FORM
F1:GR	Jul 5 09:55:32 2015	GAMMA RAY
F1:PBMAP	Jul 5 09:55:32 2015	PERCENT BOND CEMENT MAP
F1:TTN	Jul 5 09:55:32 2015	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jul 5 09:55:32 2015	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

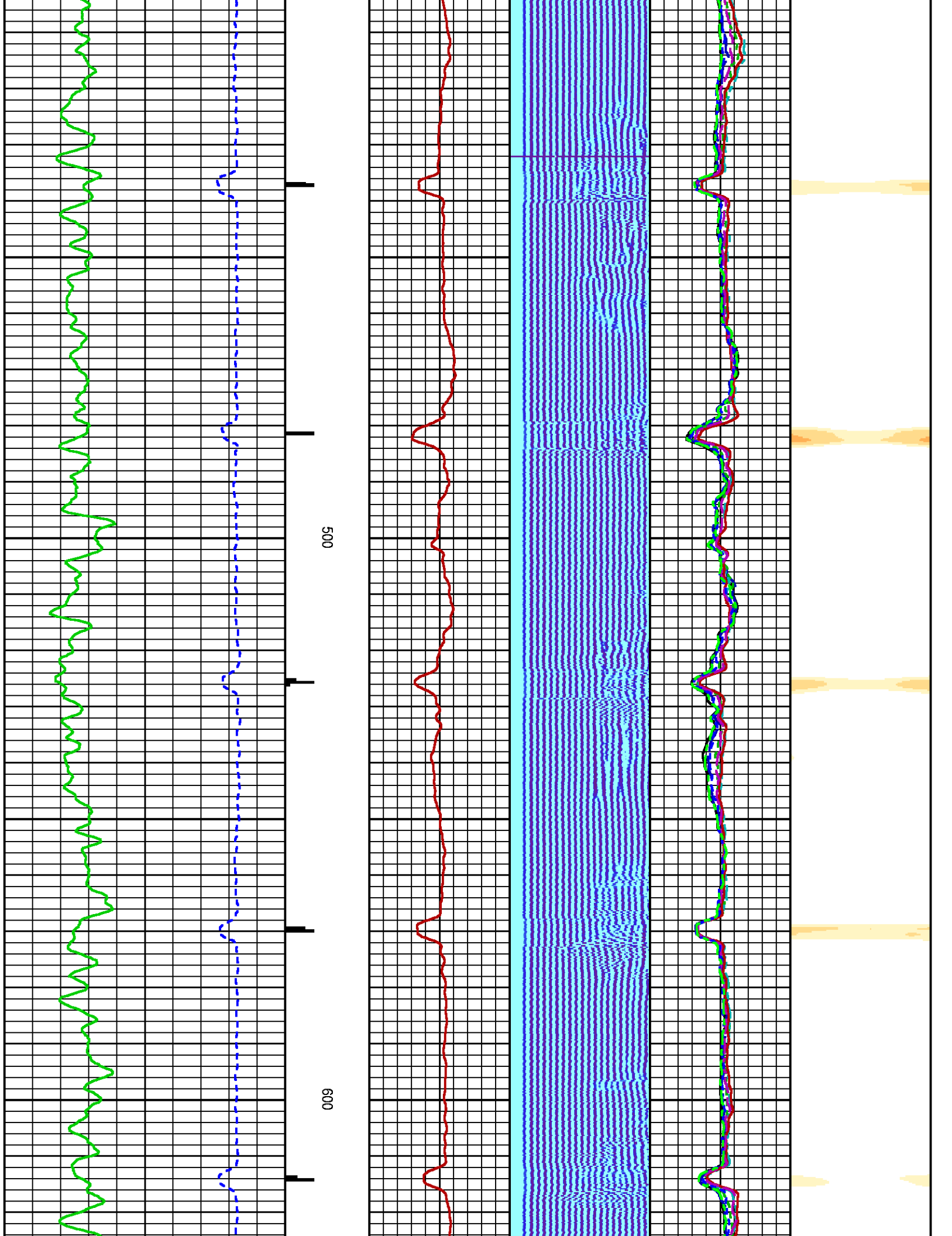
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
AR1	11.25	AR5	11.25	CCL	5.75	XAMPN	11.25
AR2	11.25	AR6	11.25	FAMPN	11.25		
AR3	11.25	AR7	11.25	GR	1.75		
AR4	11.25	AR8	11.25	TTN	11.25		

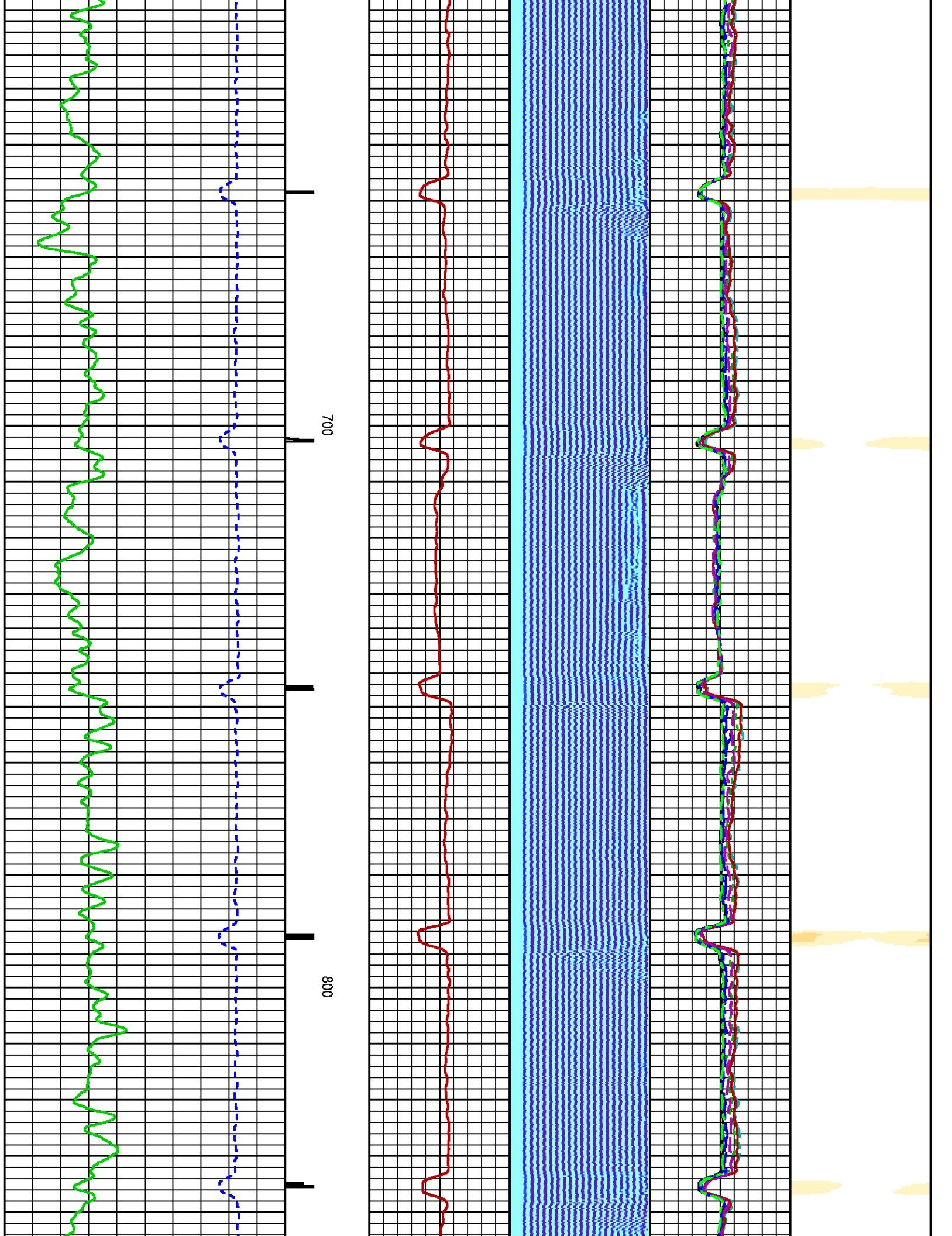
Presentation	: HL6670:/dat1a/CH096694/WPX_CBL_SECONDARY_PRESENTATION.fvpdf [5"/100' Scale]
Plot Interval	: 0 - 9946 Feet
Data File 1	: F1 : HL6670:/dat1a/CH096694/n012g02MAIN544.xtf
Created On	: Jul 5 09:55:32 2015
Company	: WPX ENERGY
Well	: YOUNBERG RU 544_7
Field	: RULISON
File Interval	: 14.75 - 9951.25 Feet
OCT	: n012g

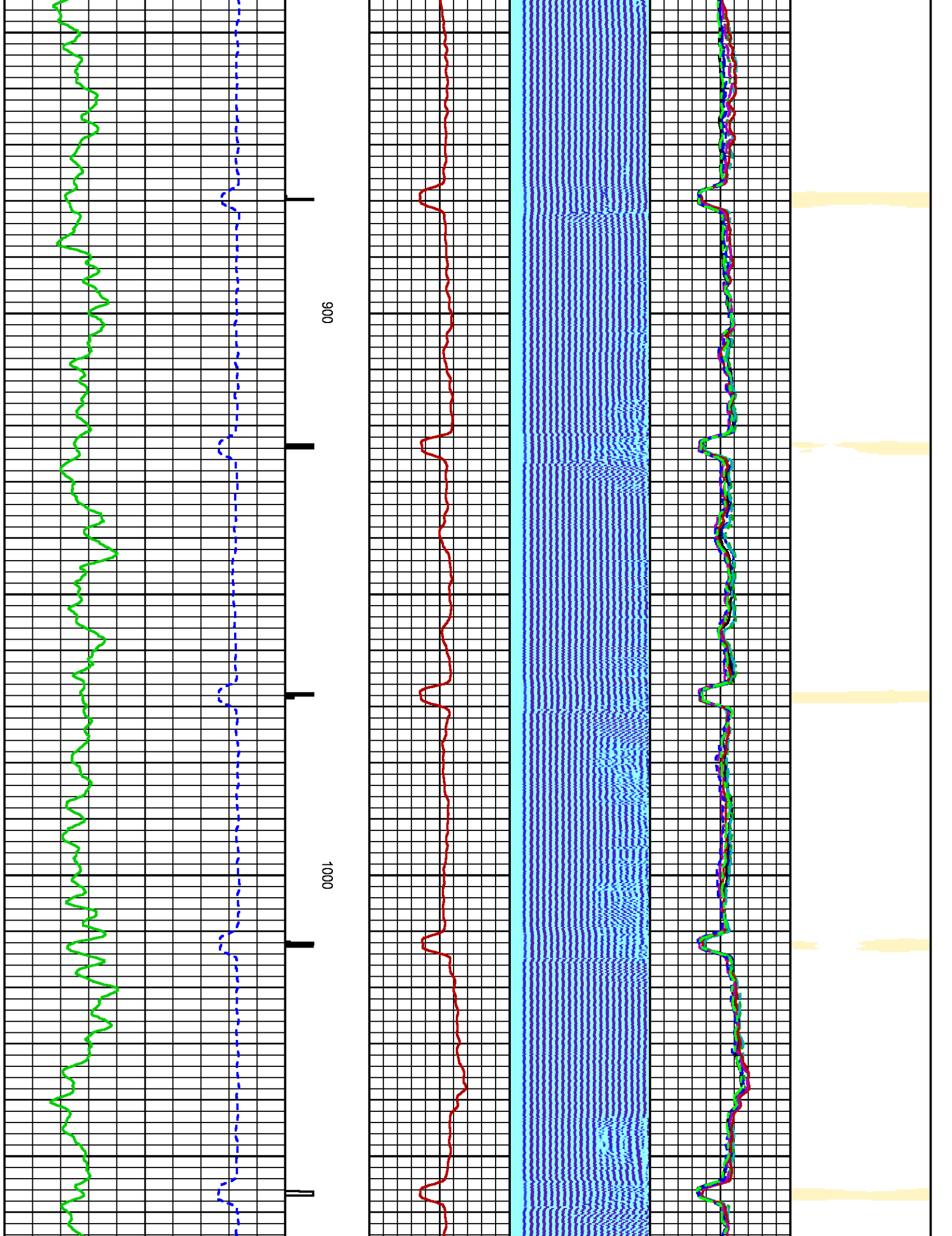


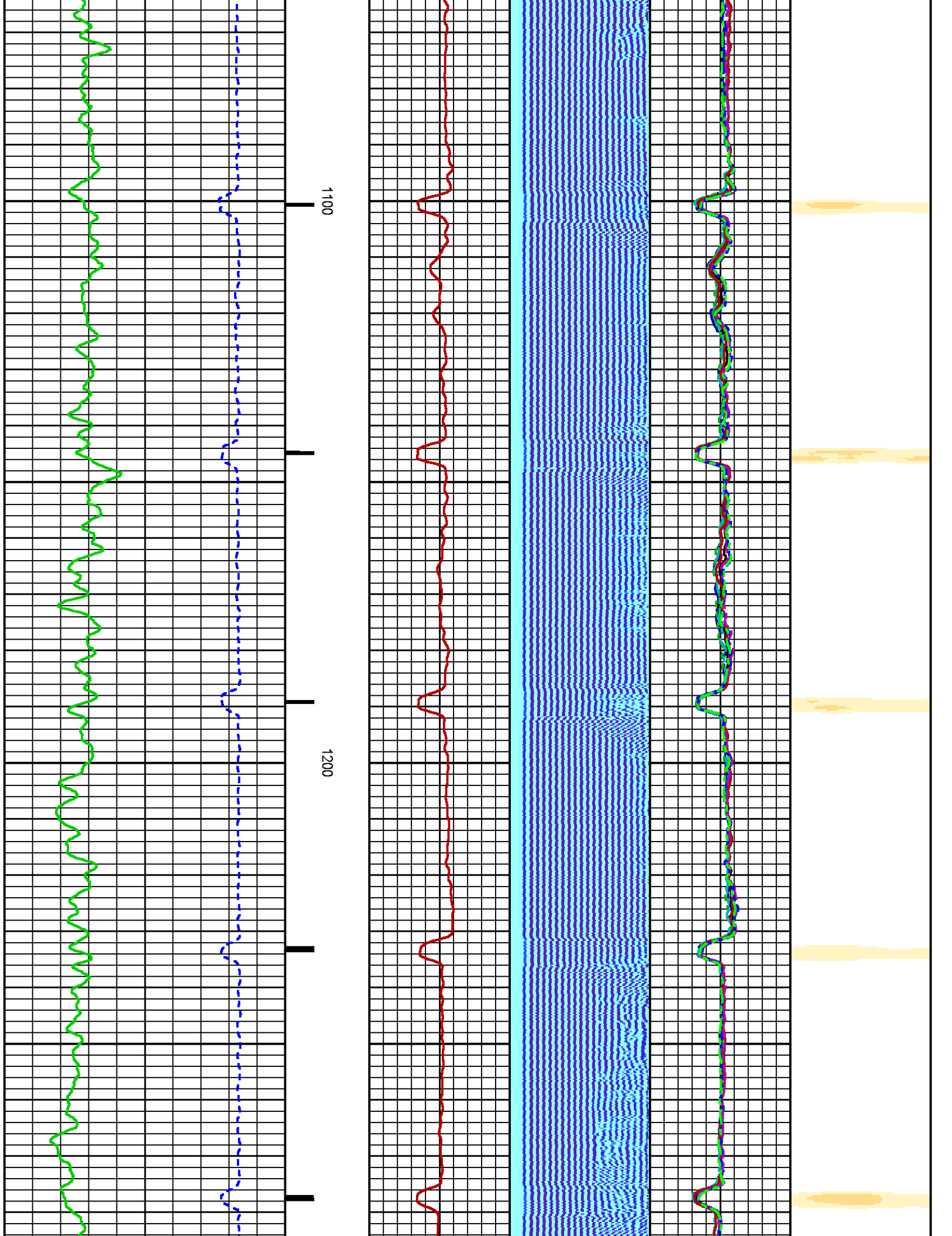


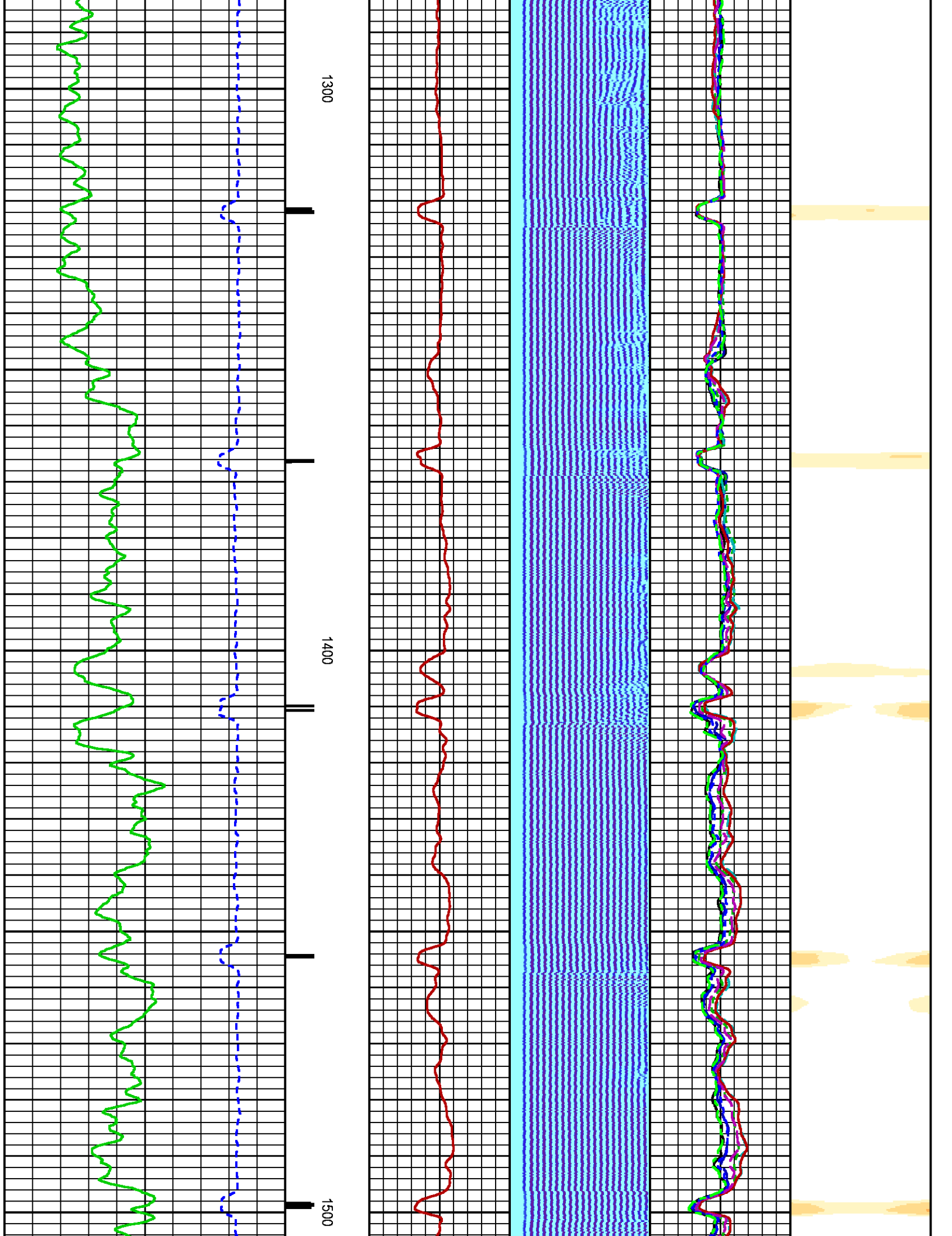


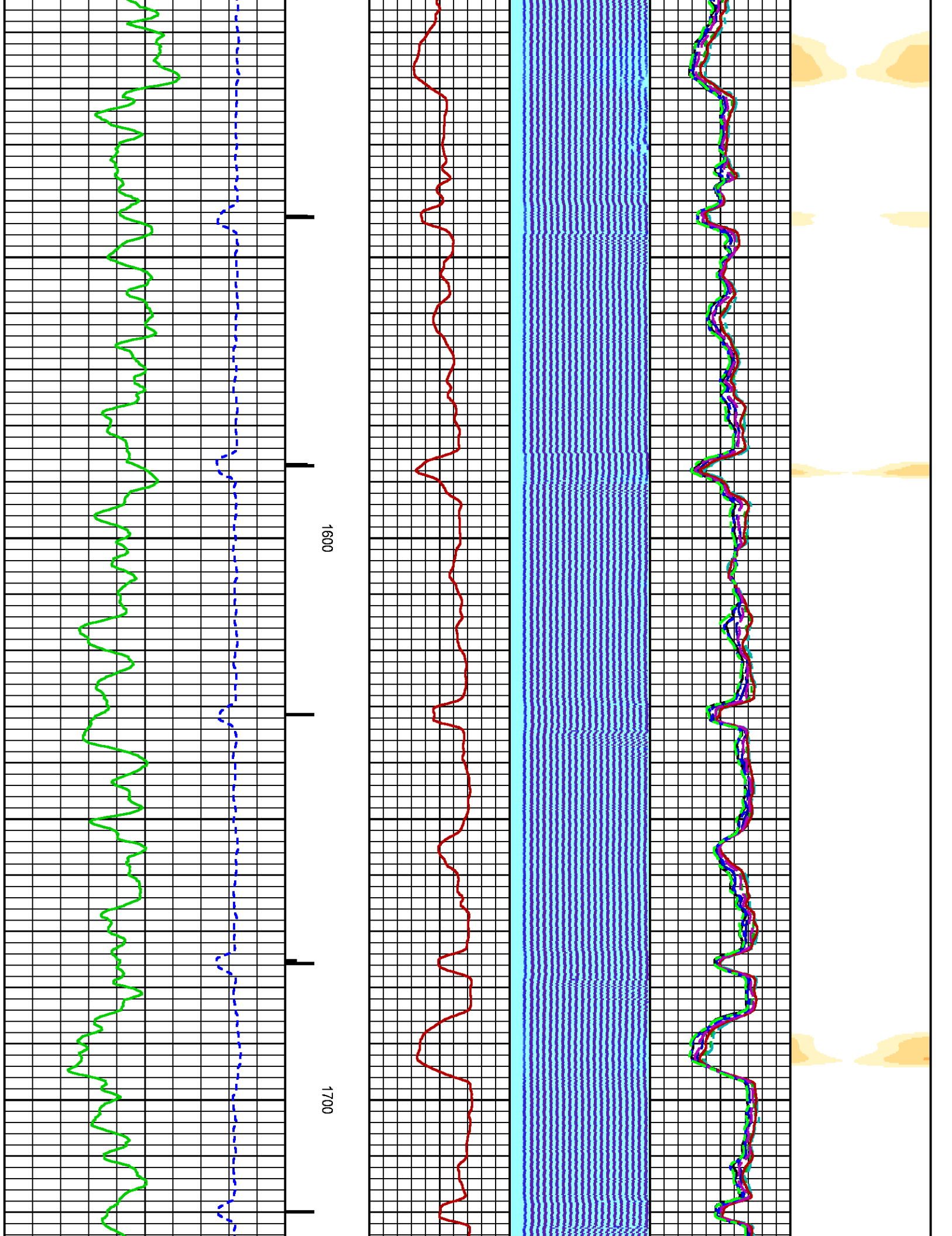


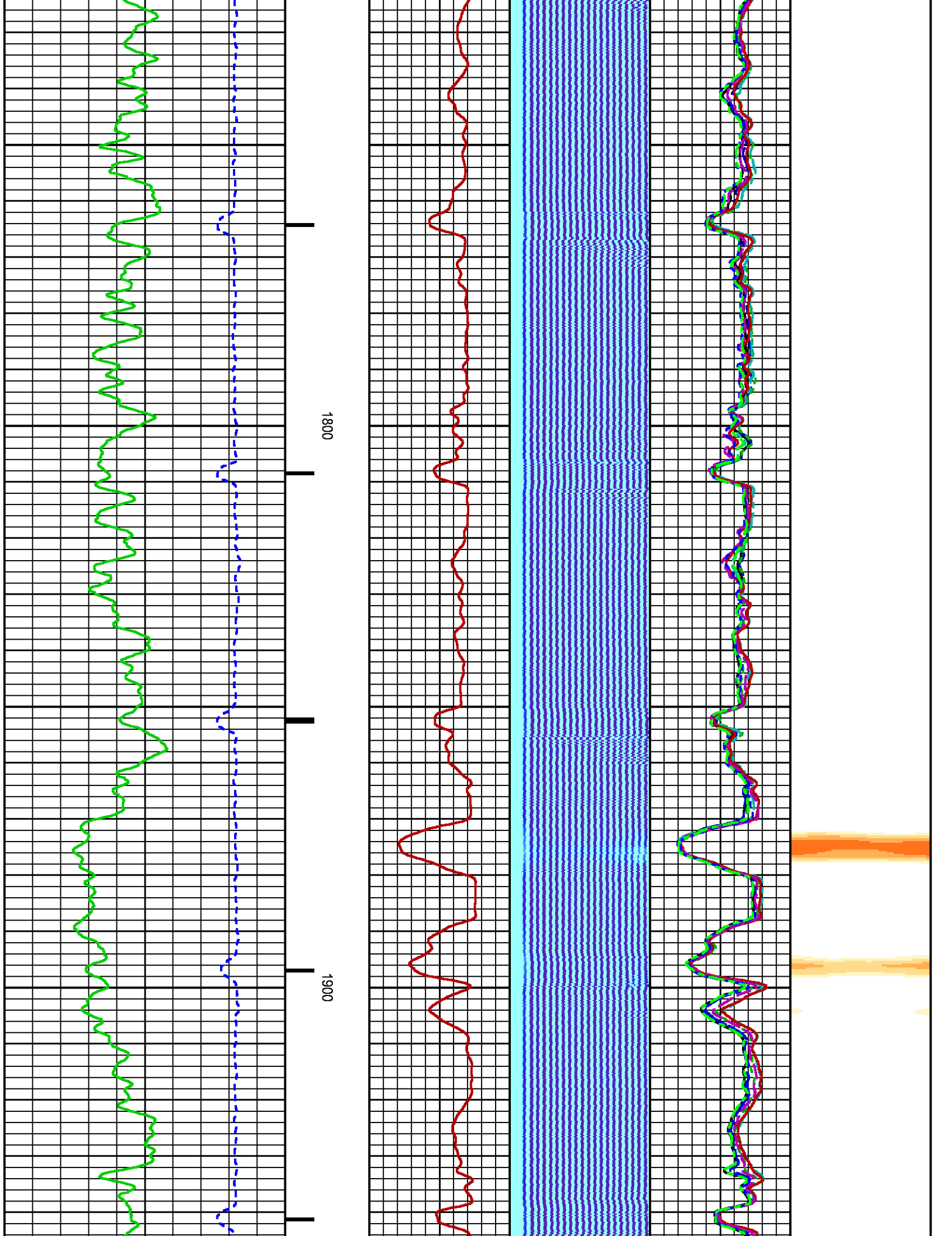


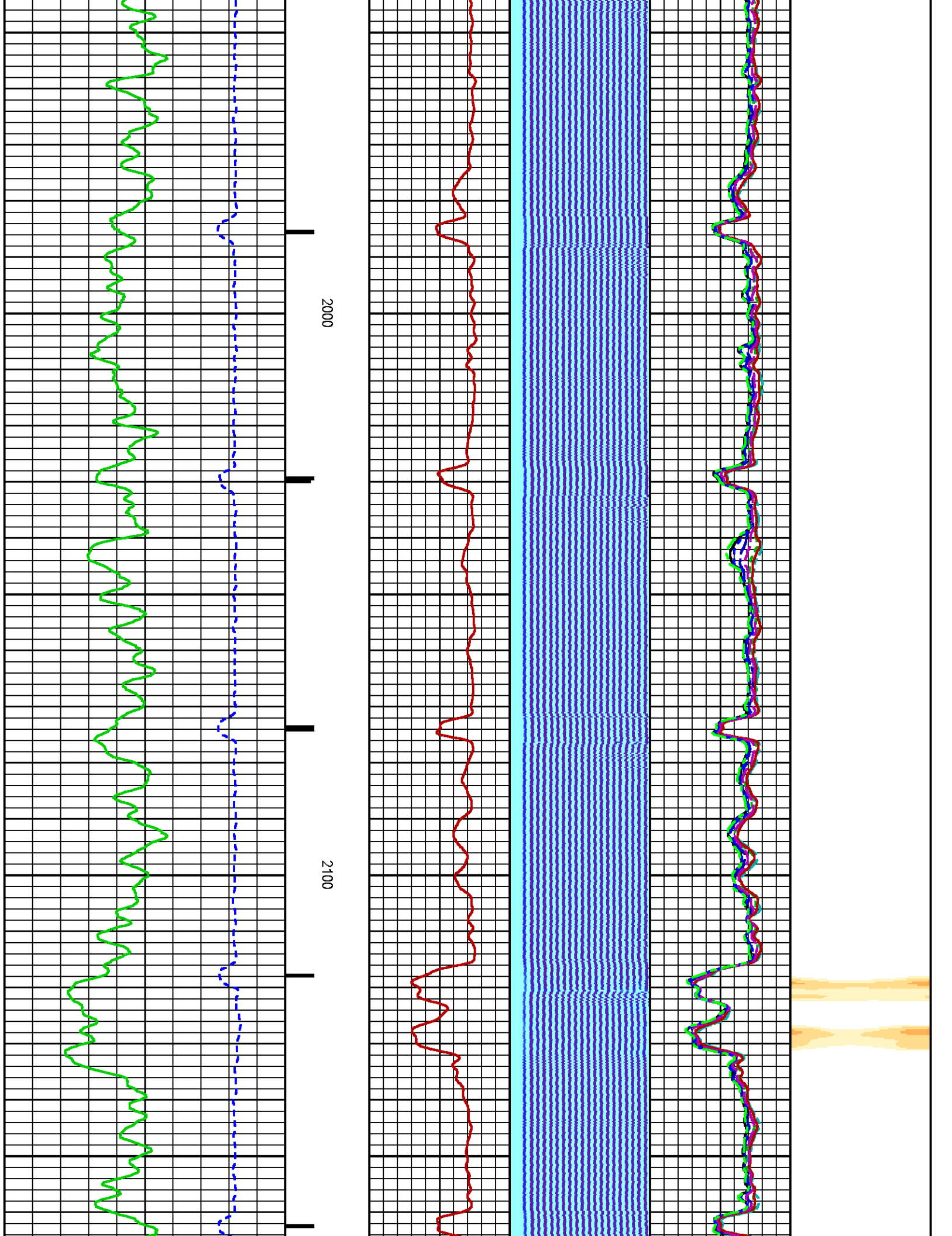


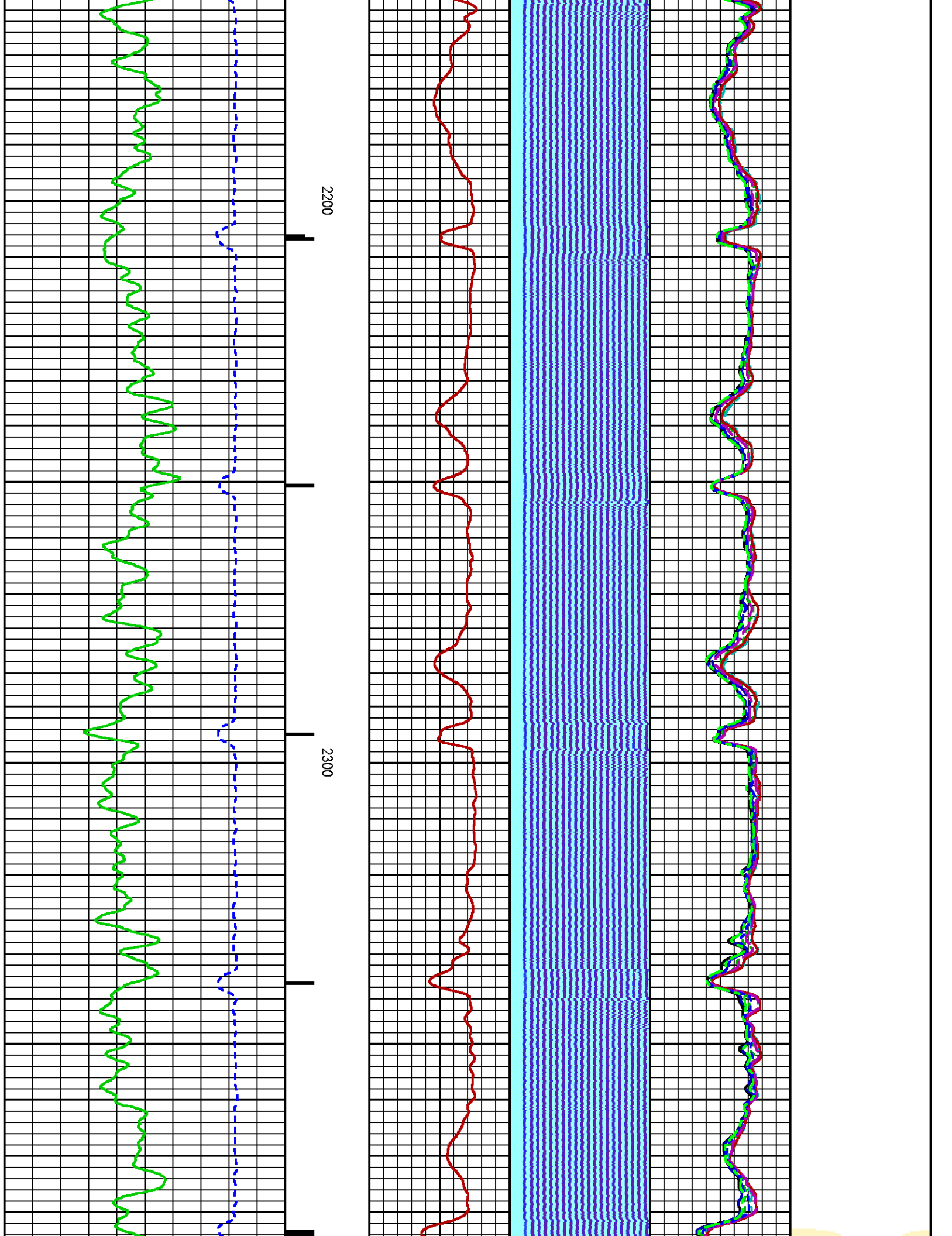


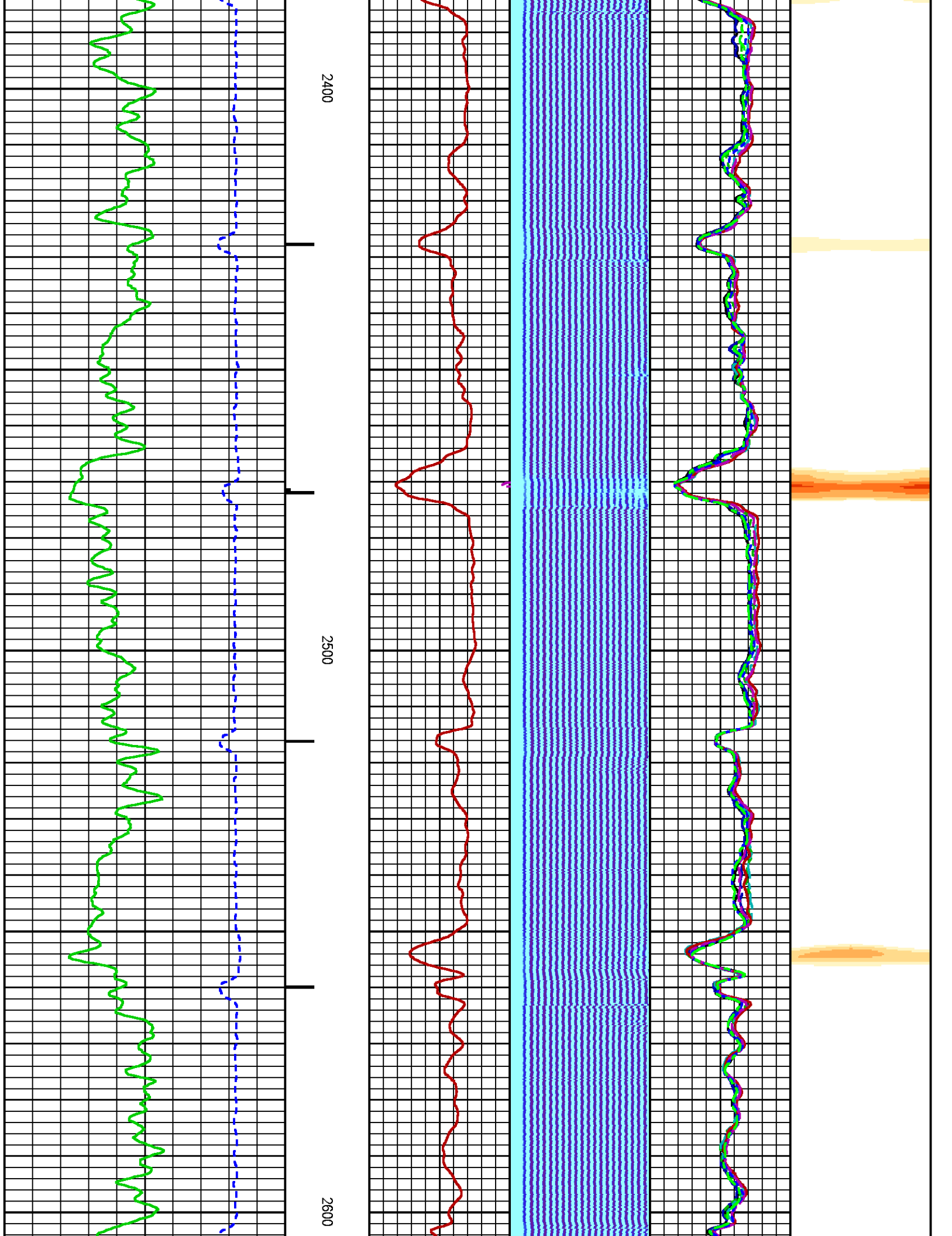


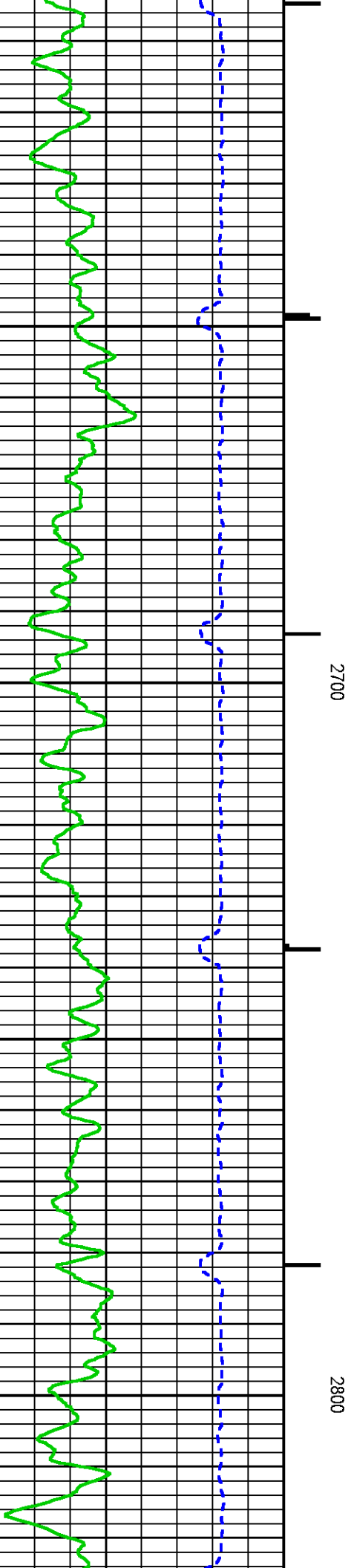
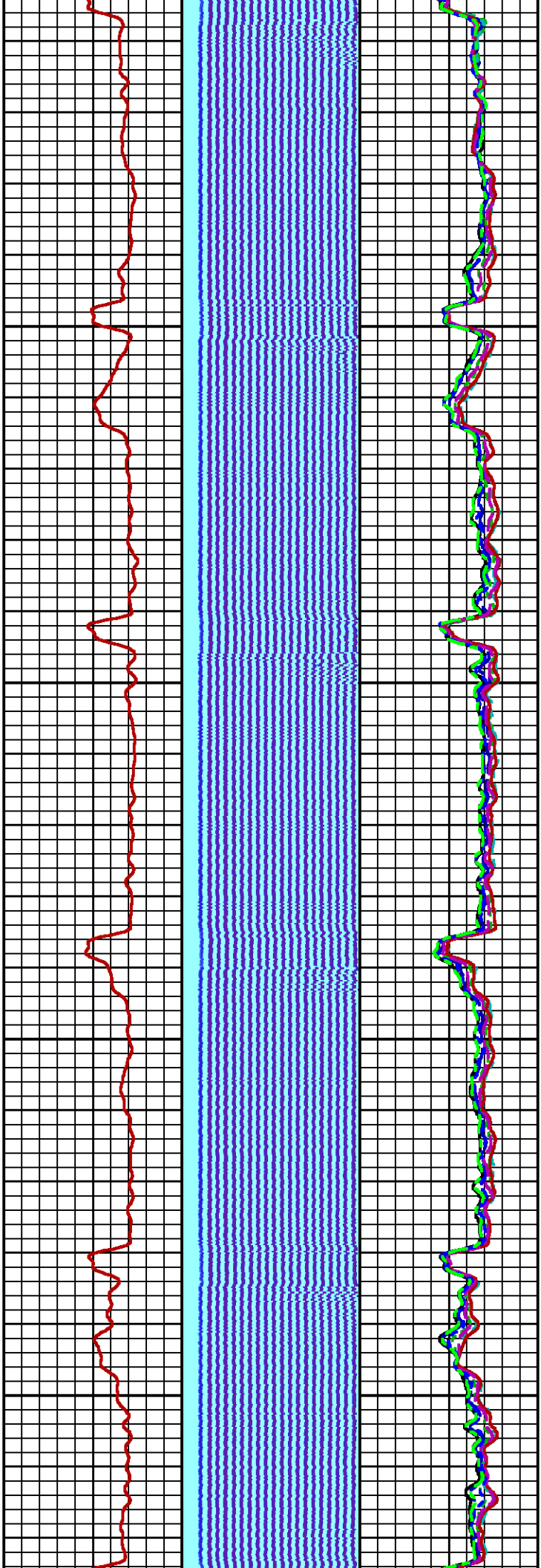


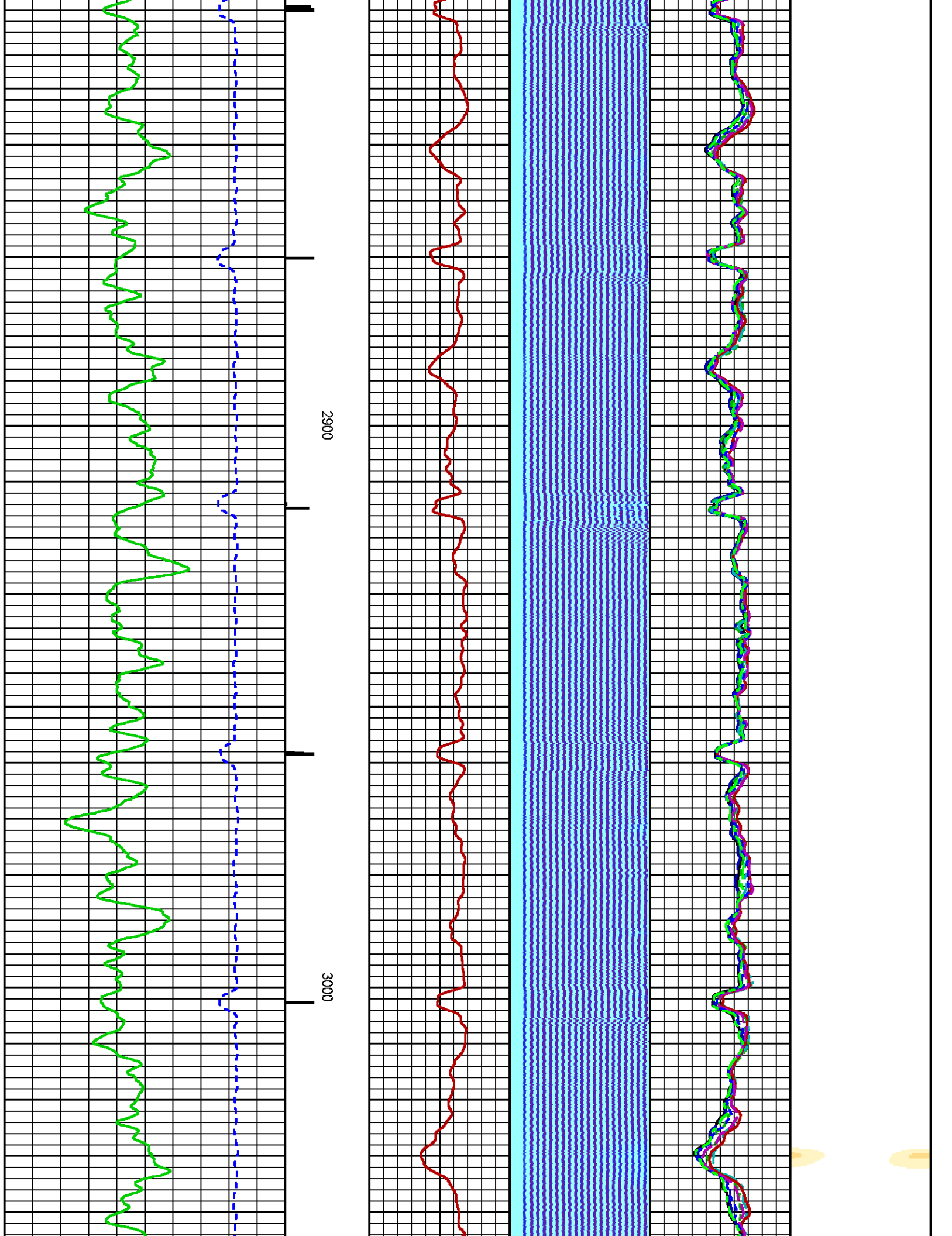


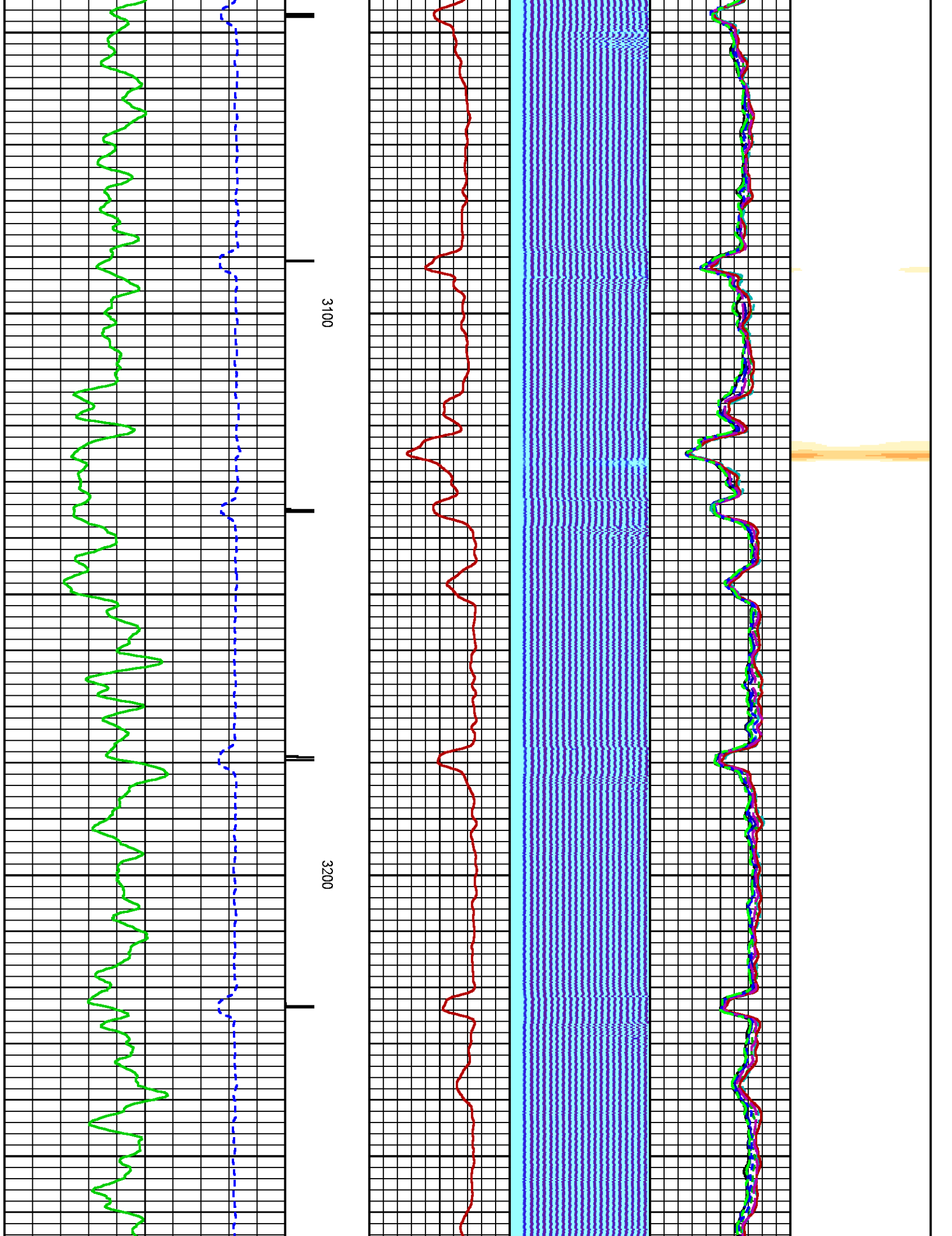


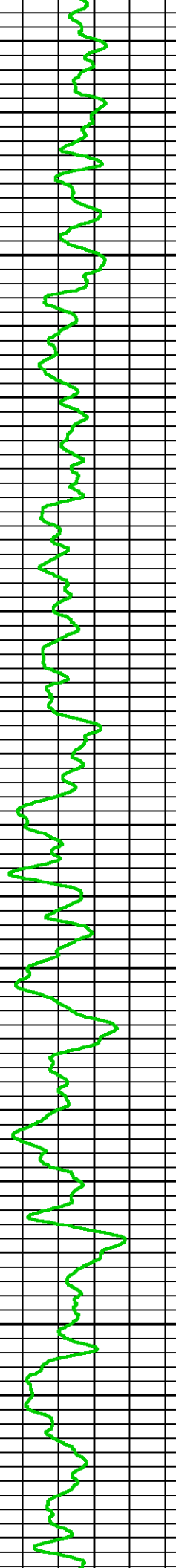
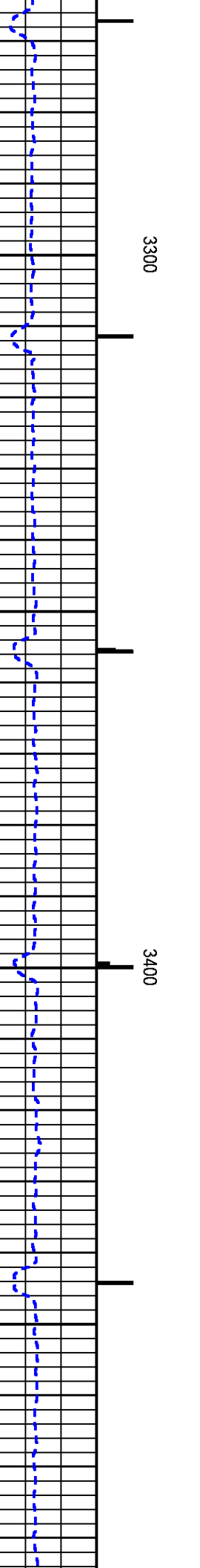
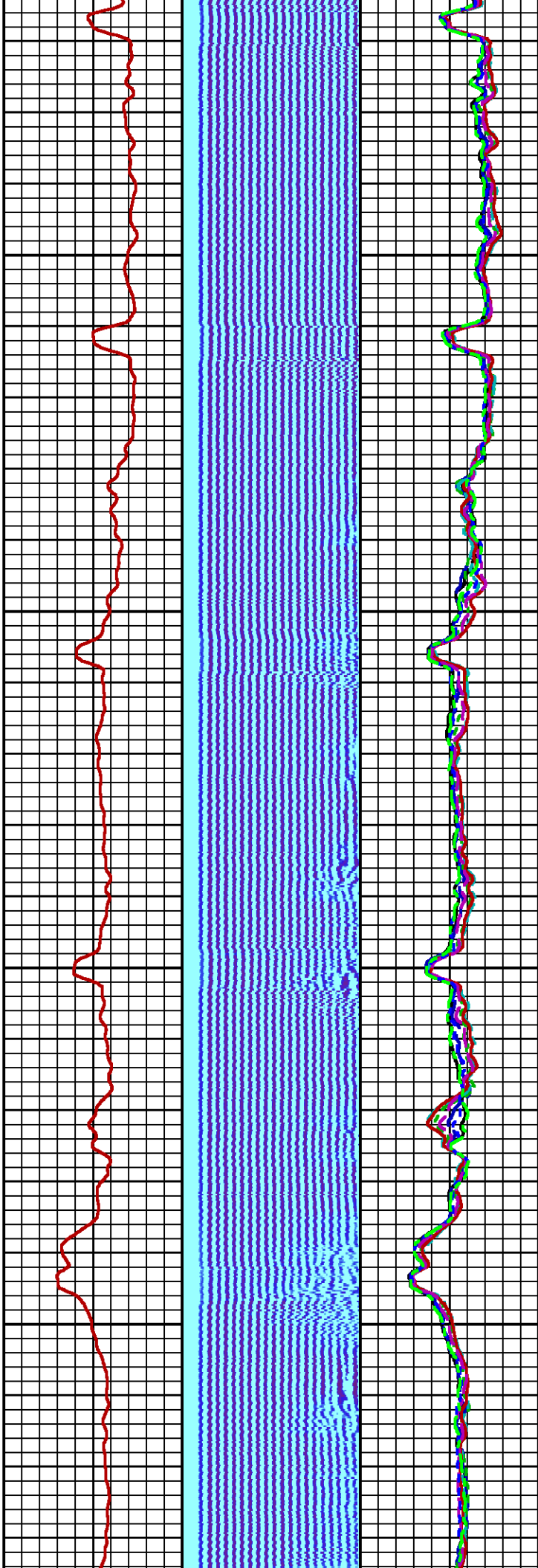
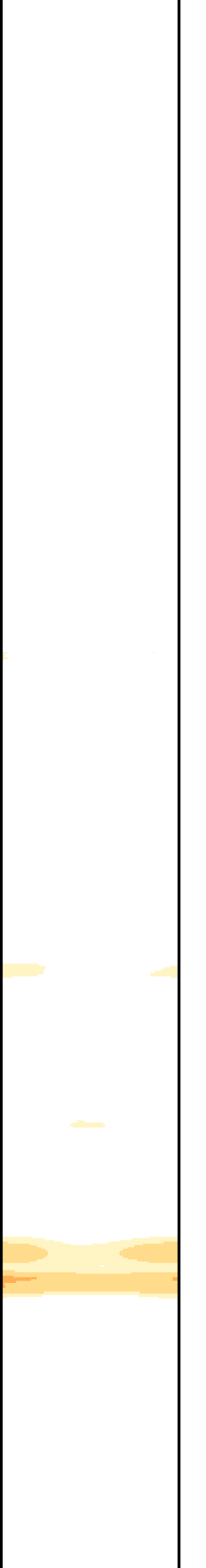


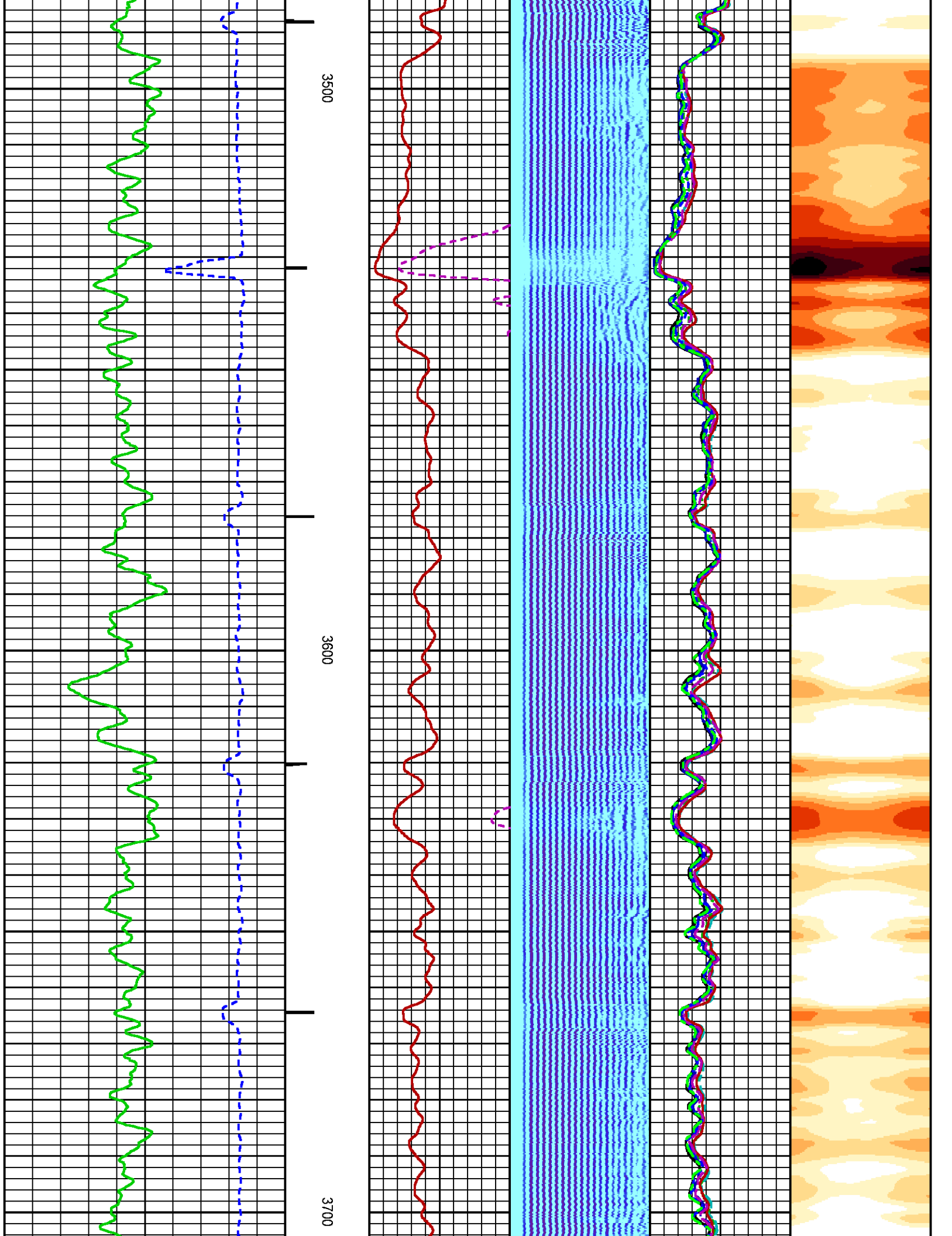


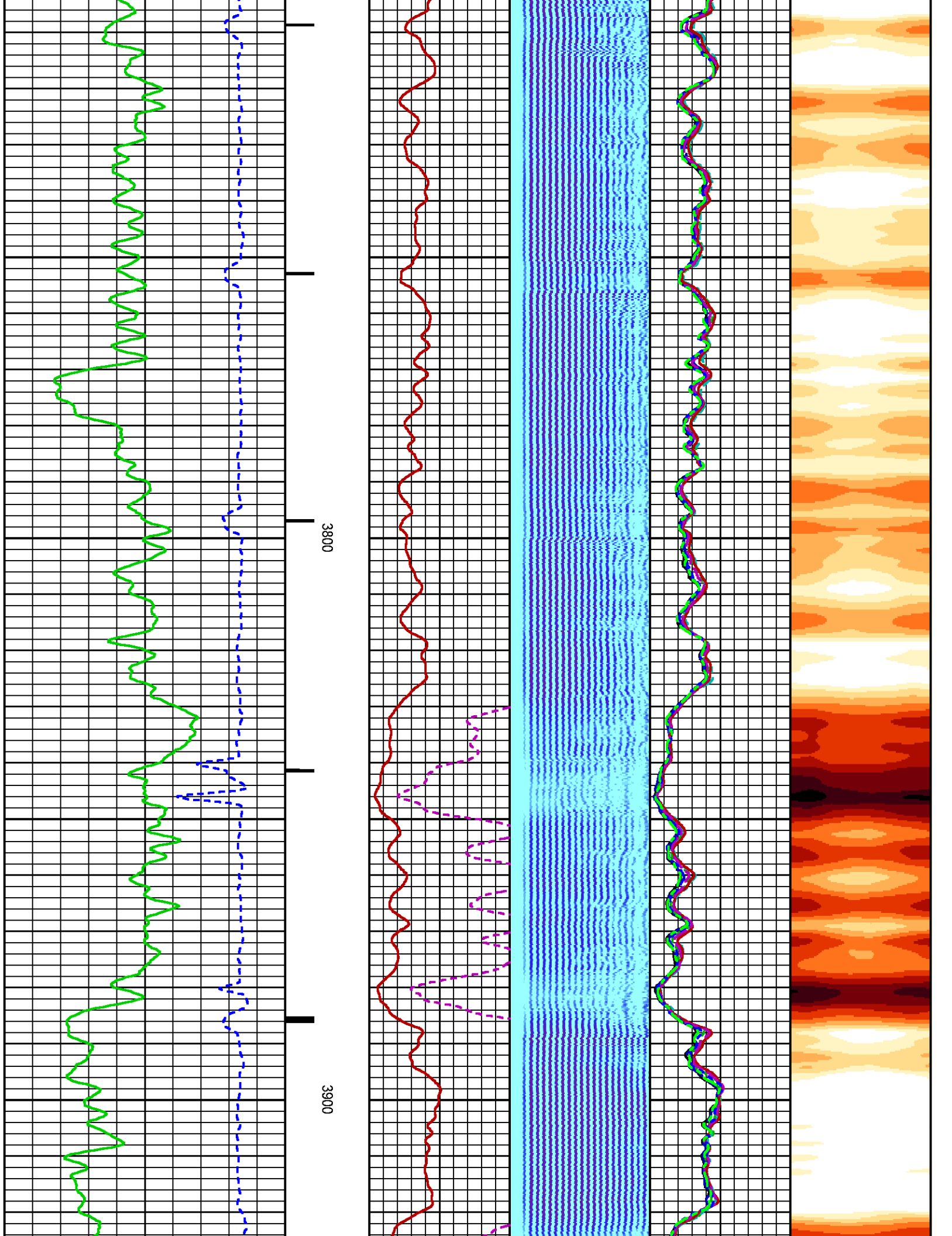


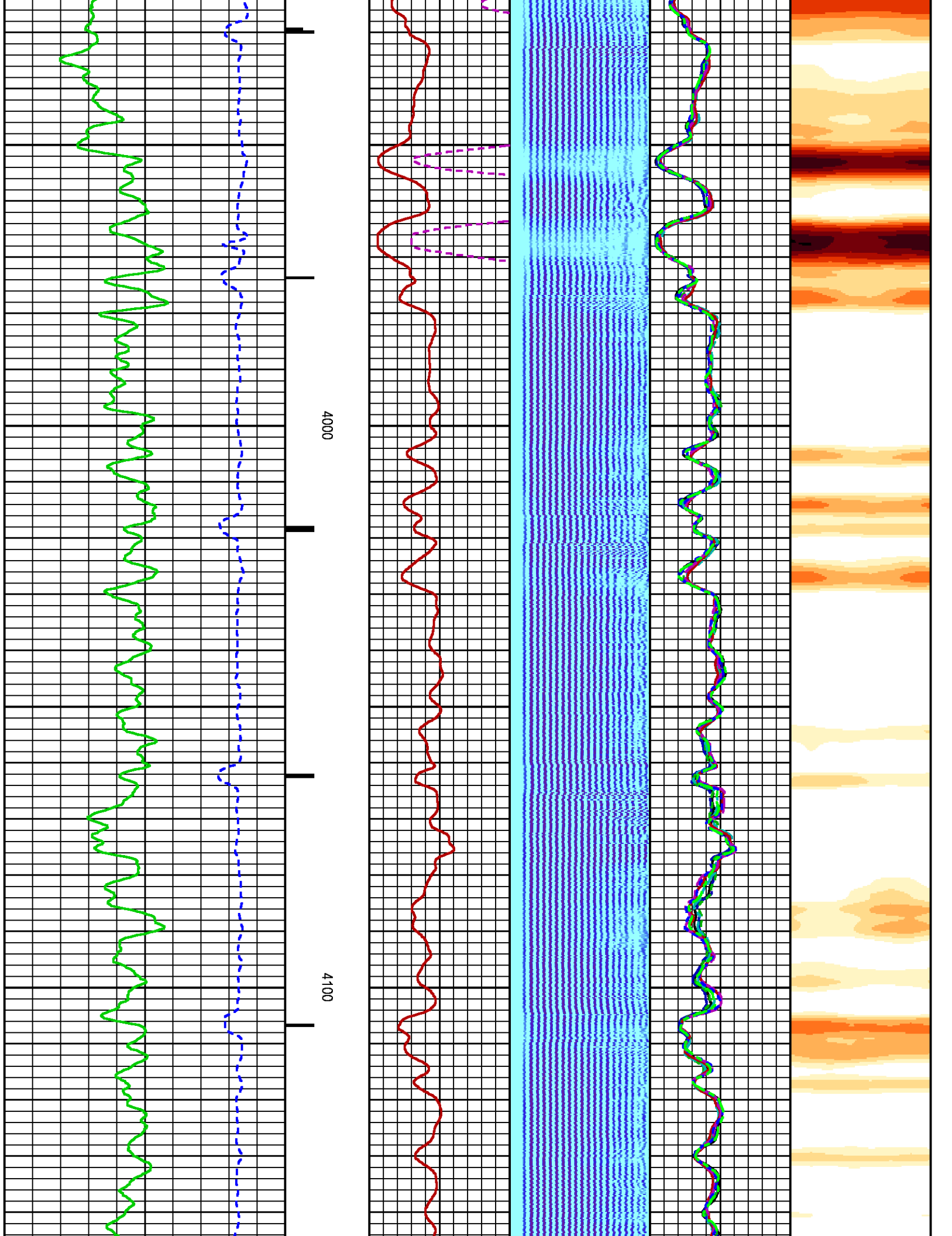


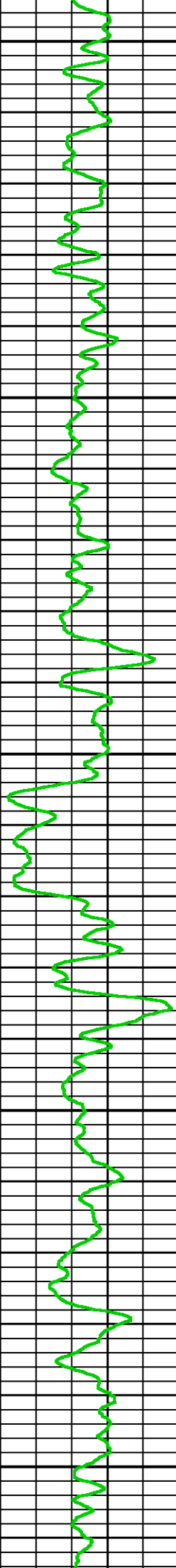
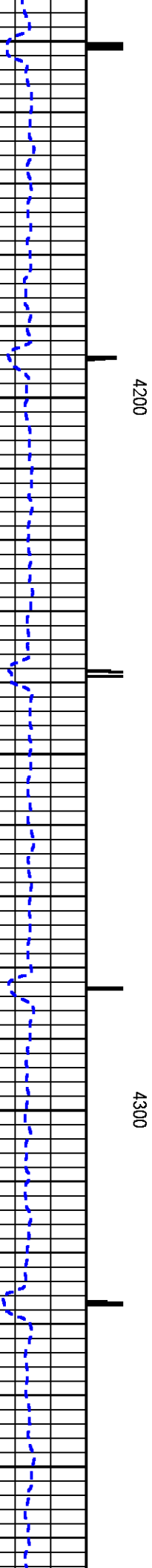
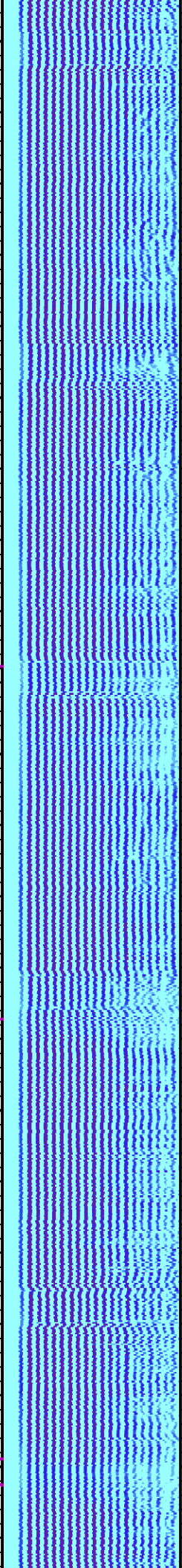
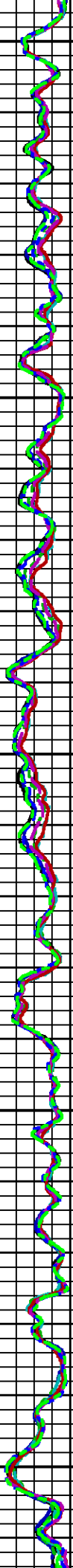
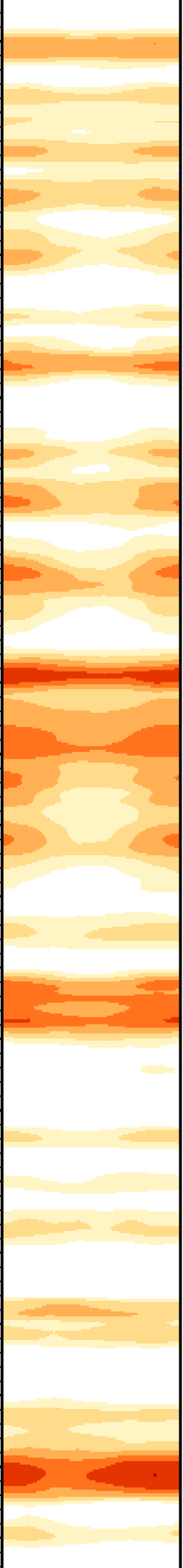


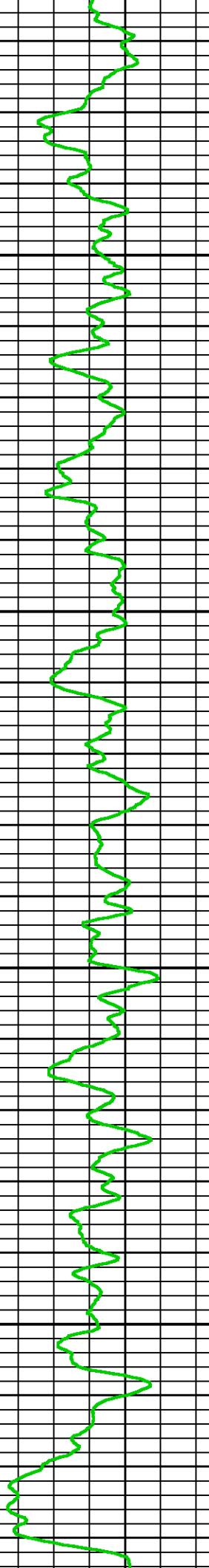
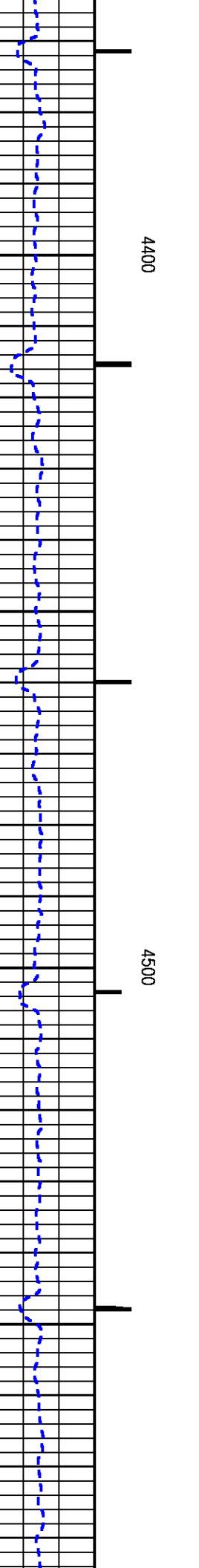
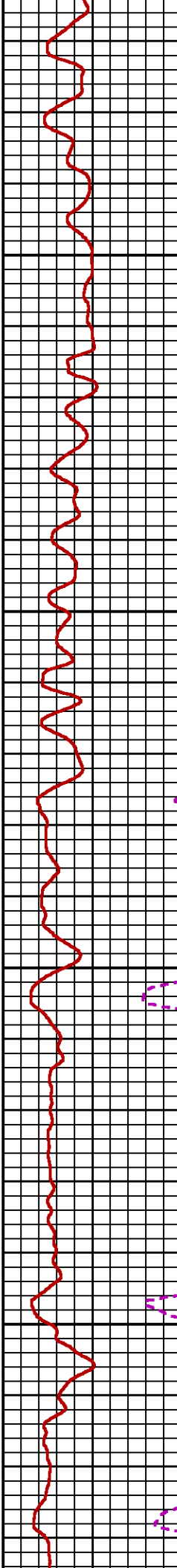
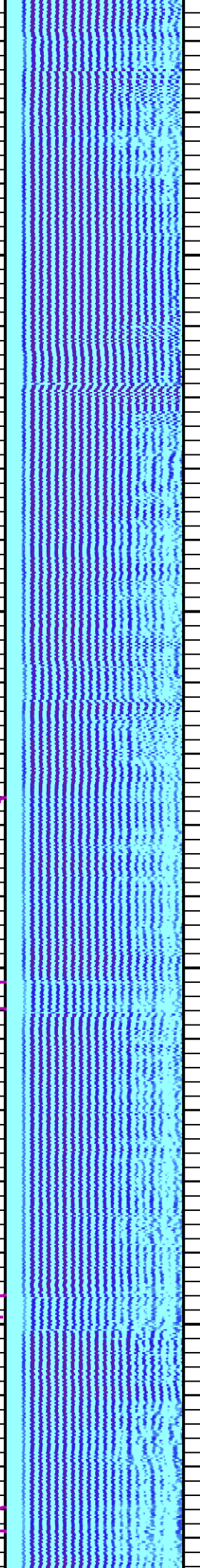
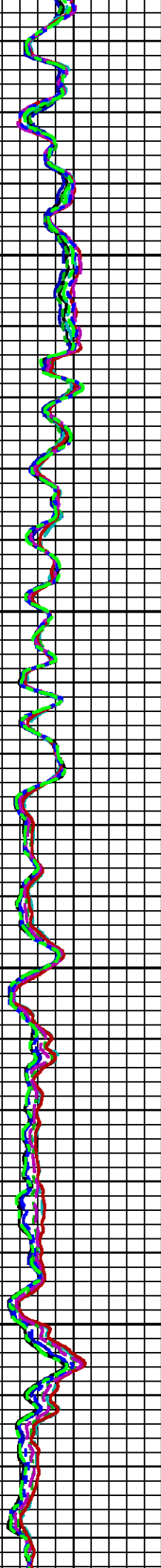
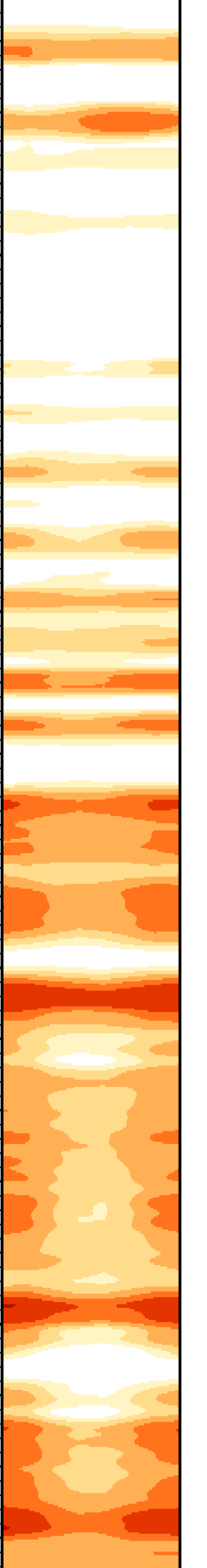


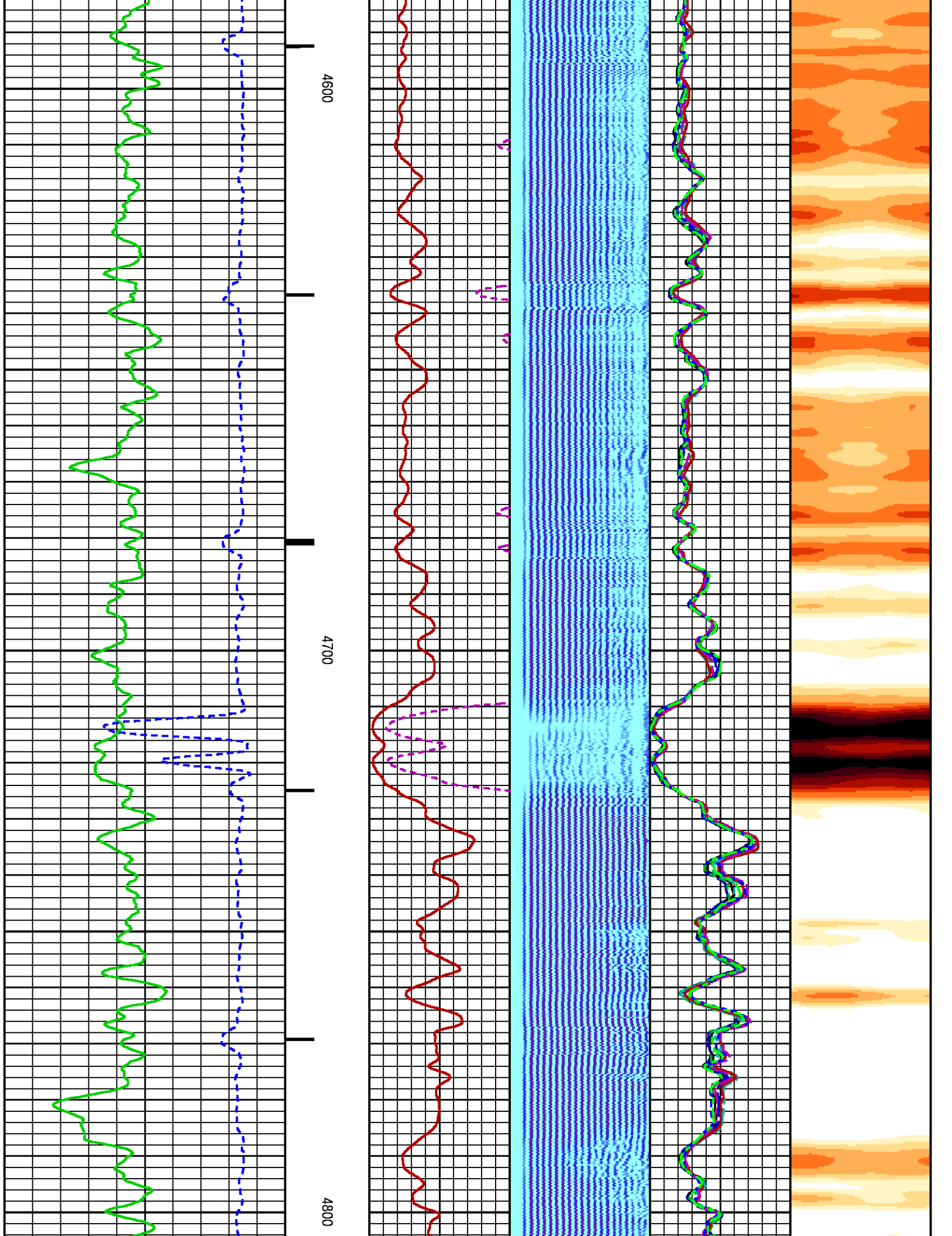


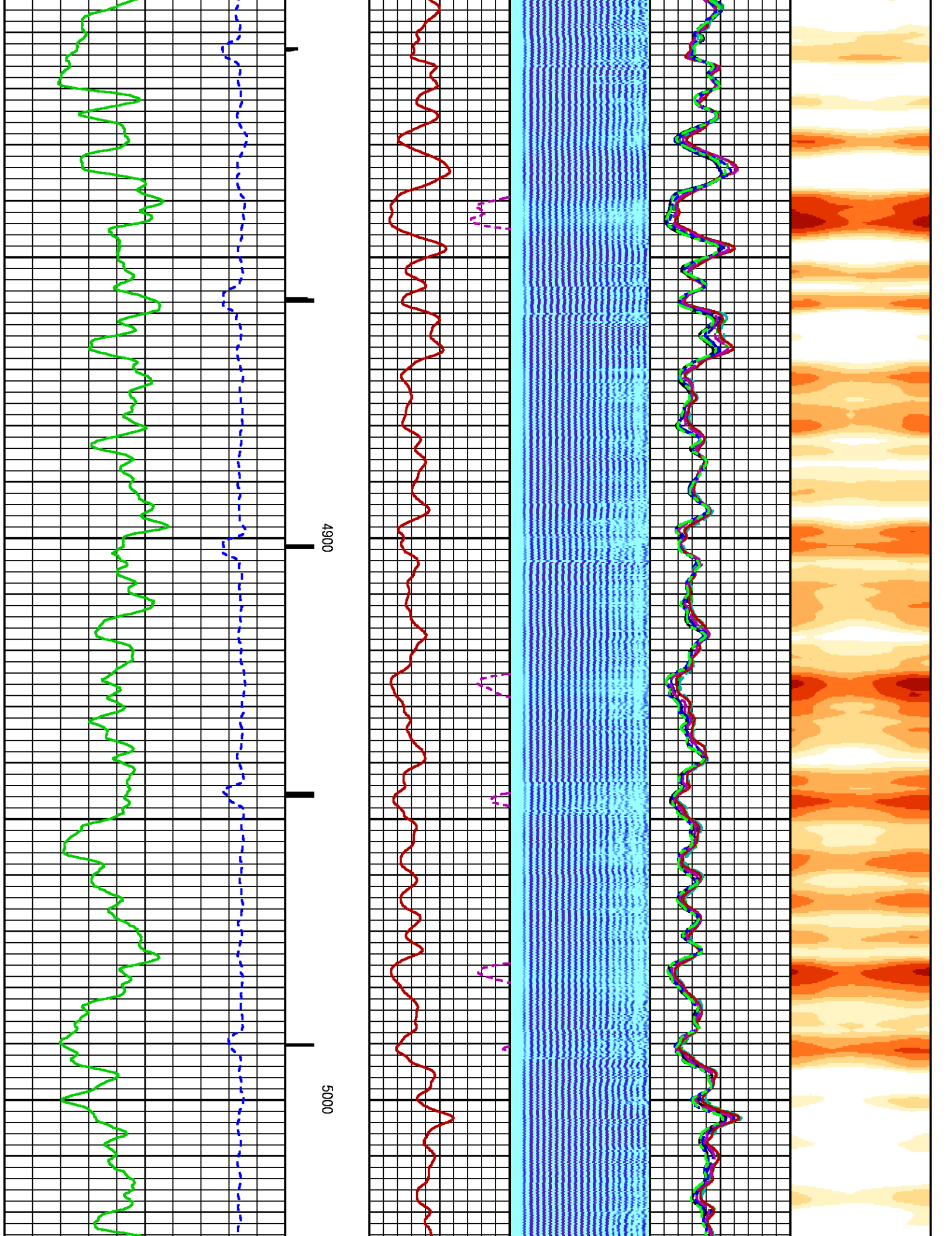


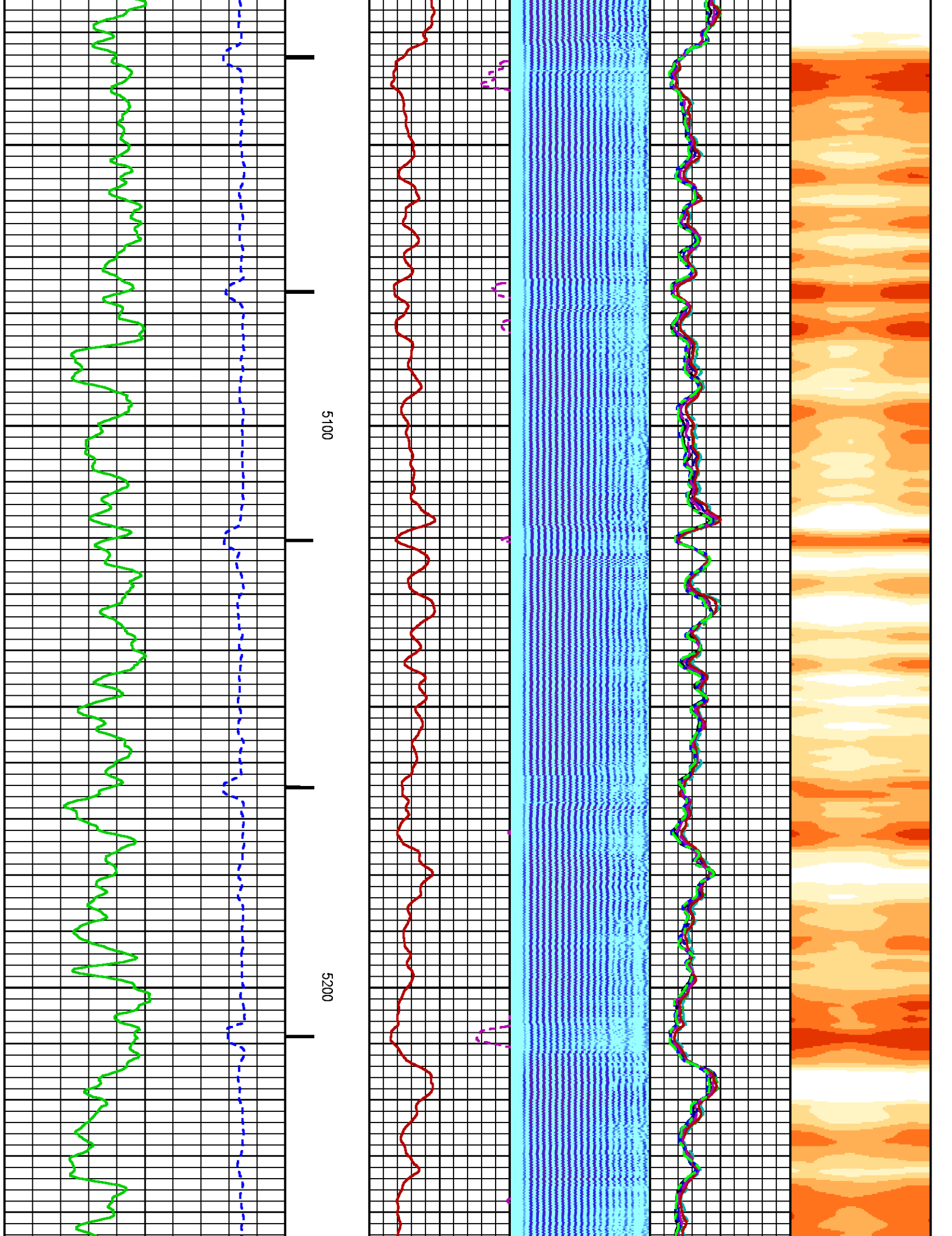


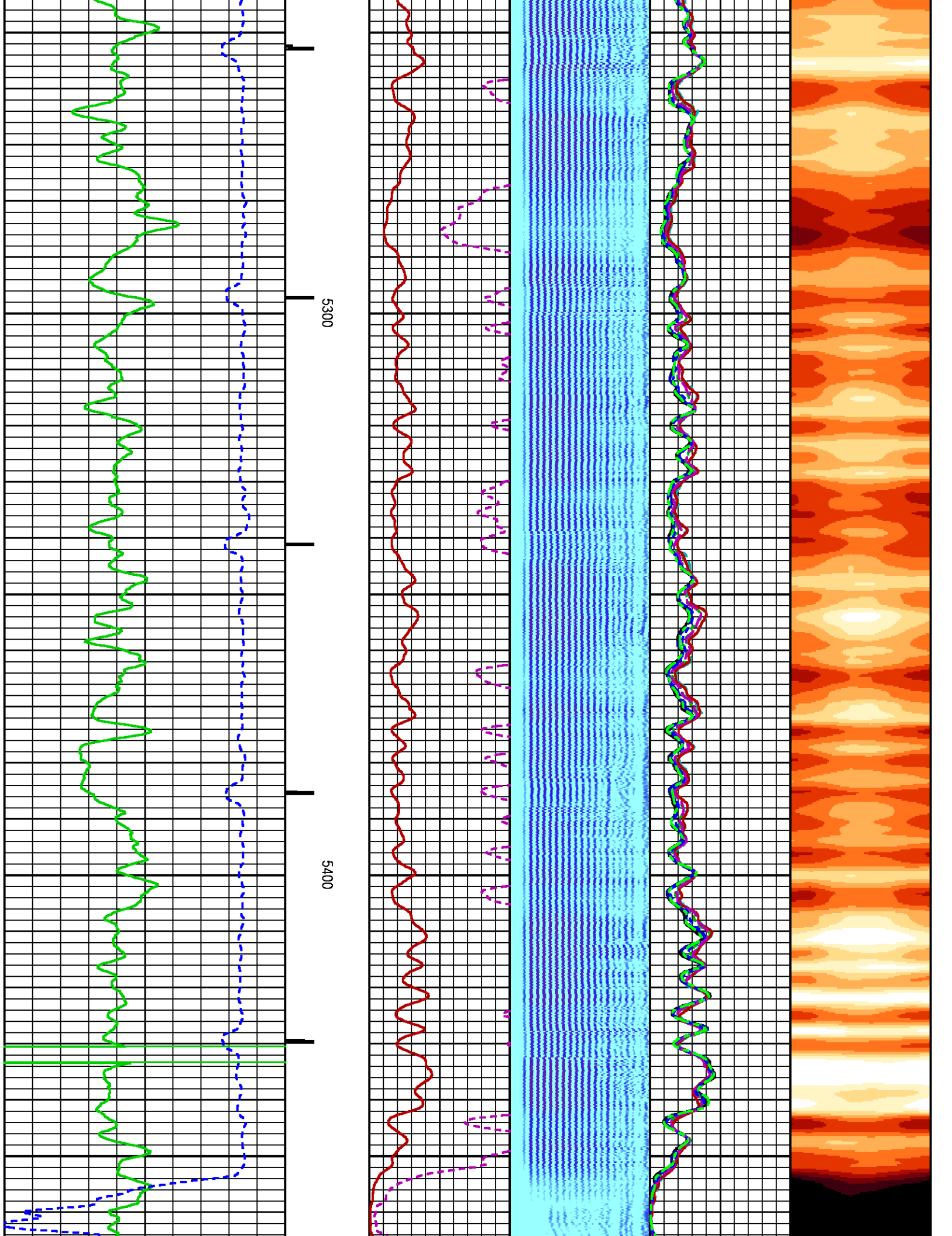


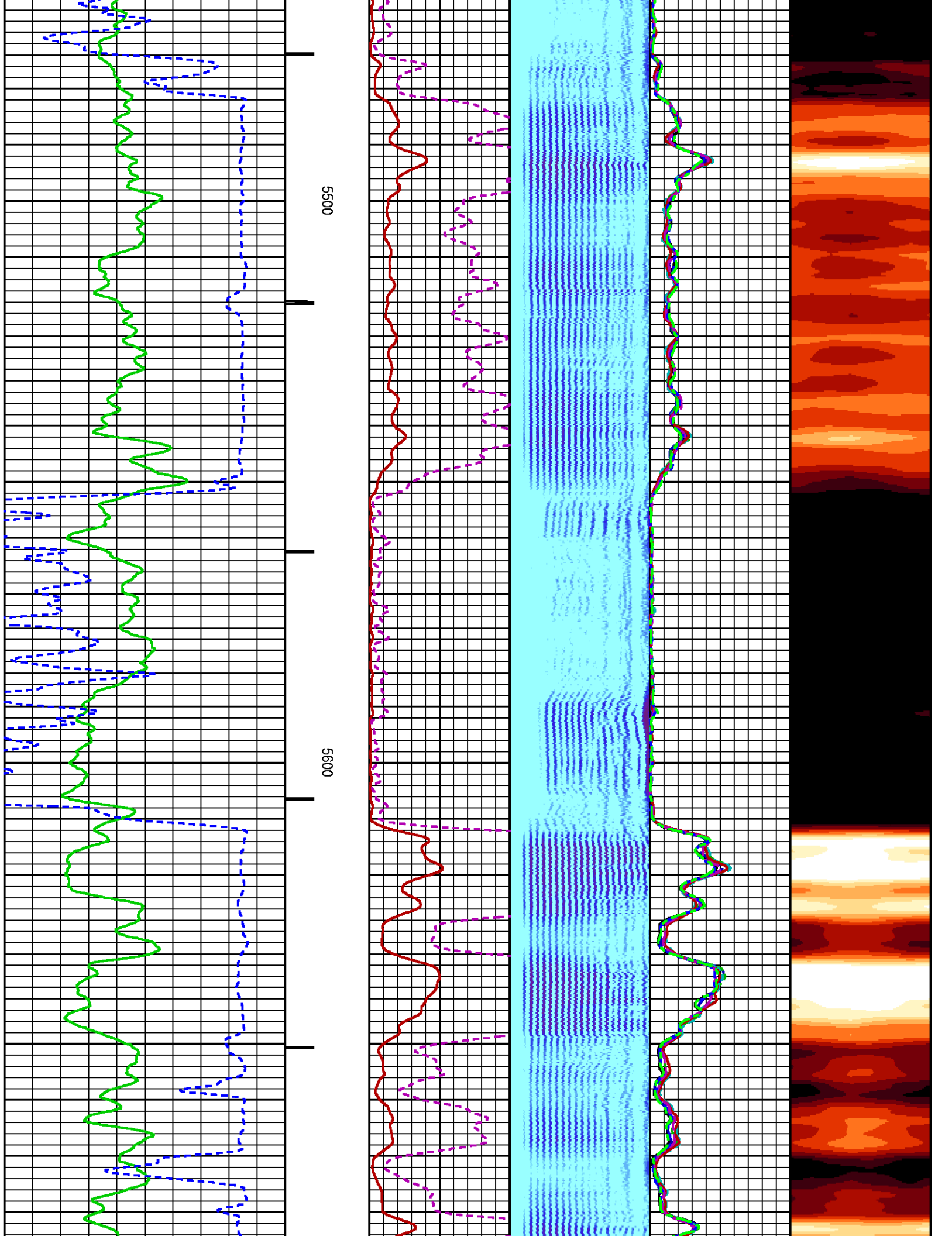


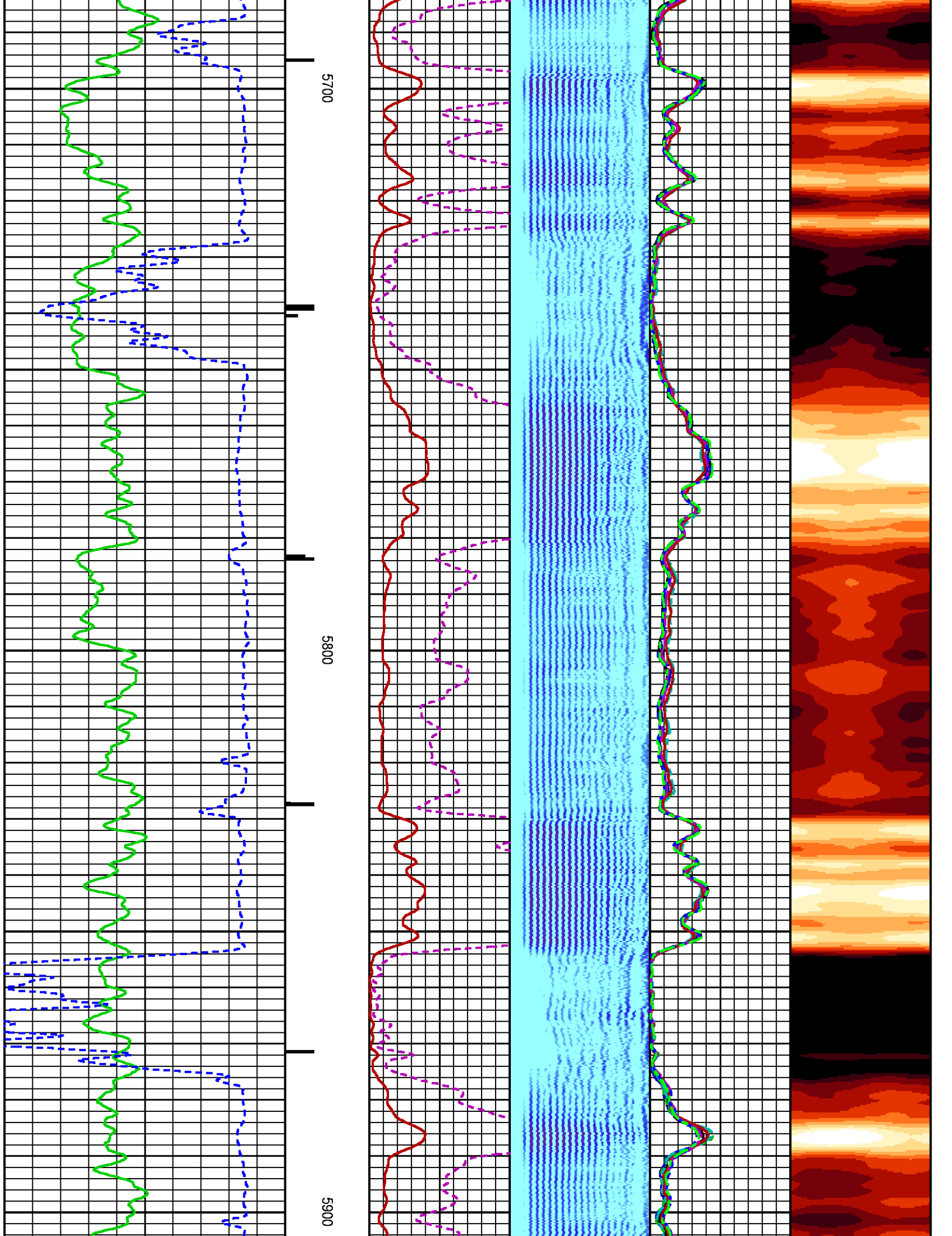


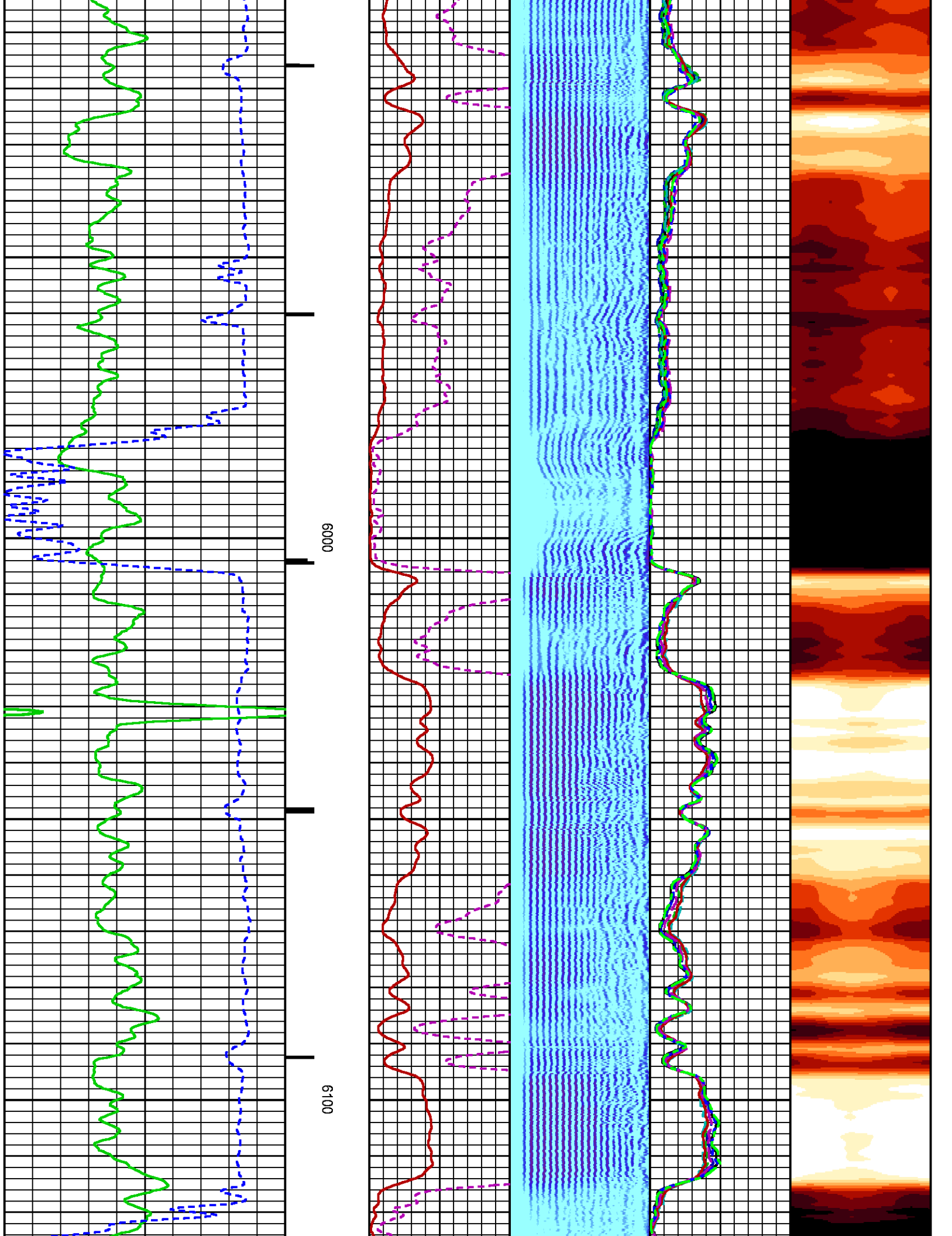


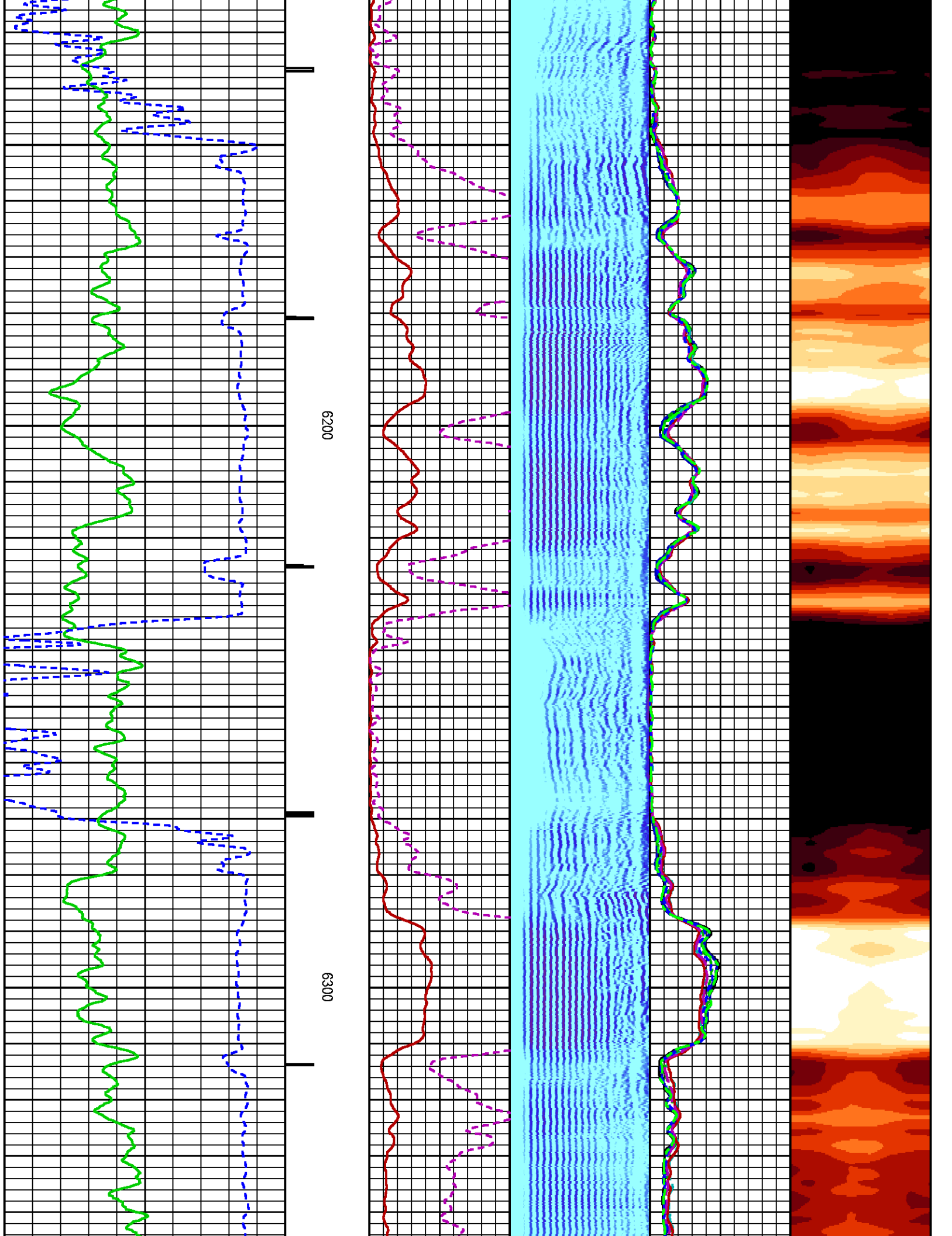


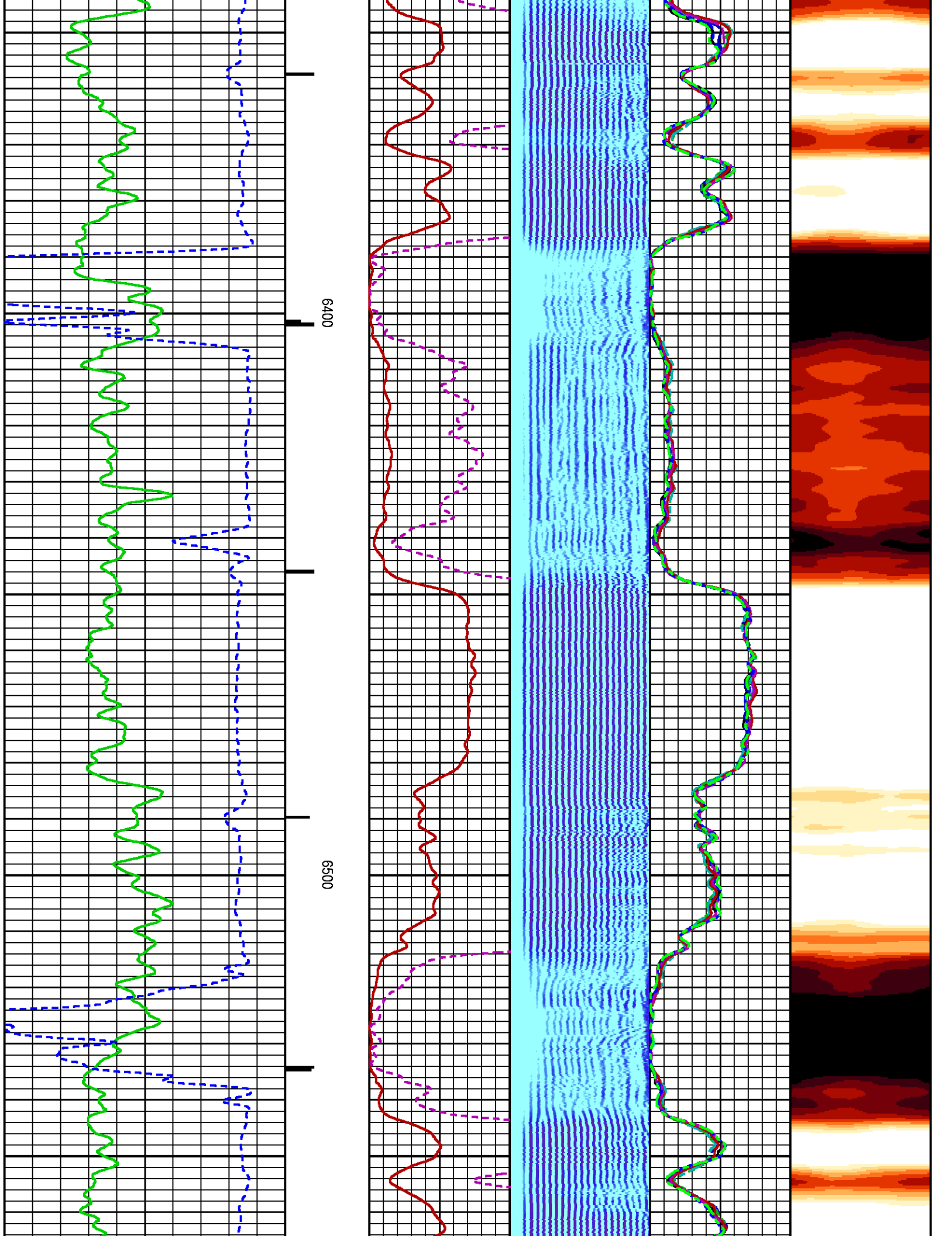


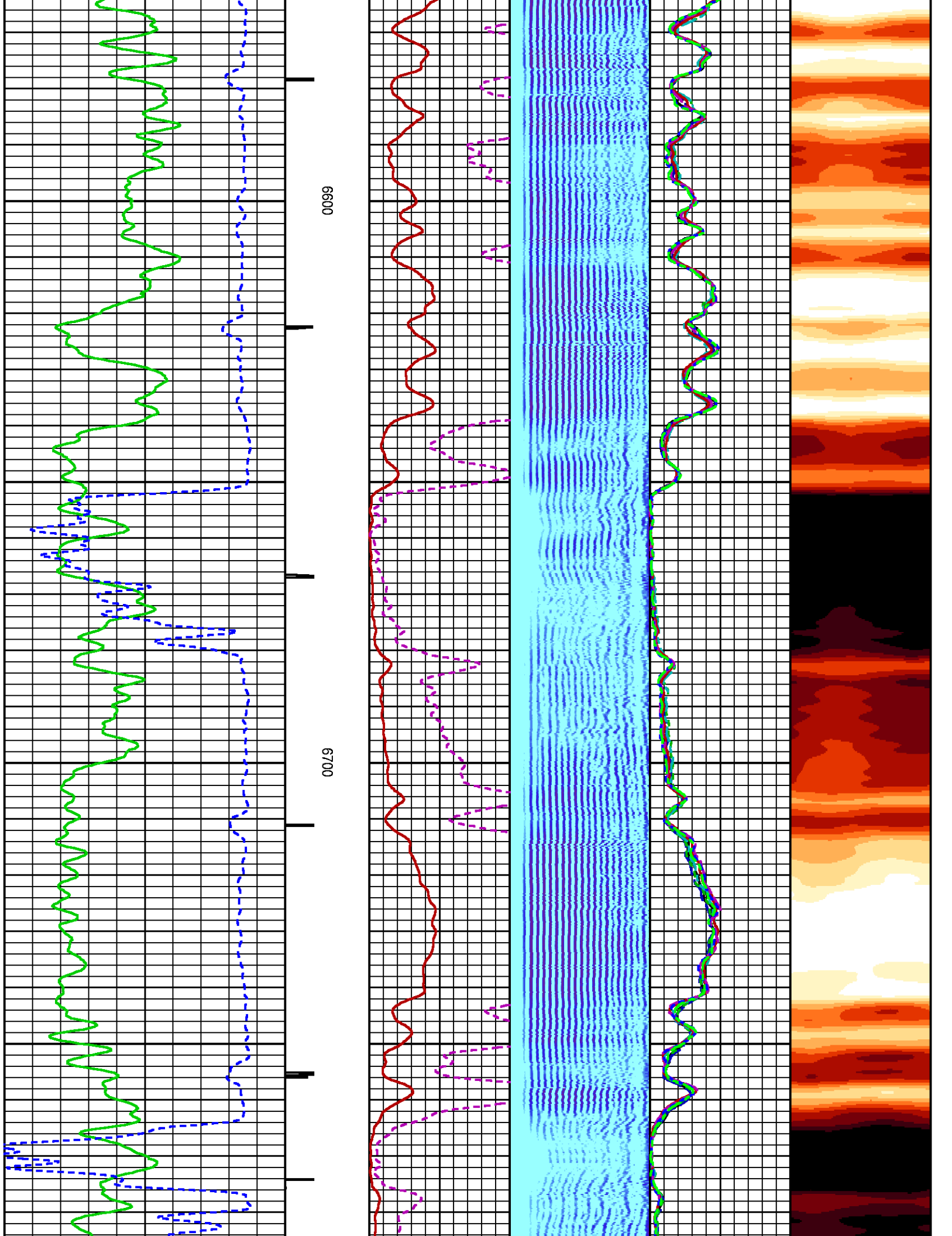


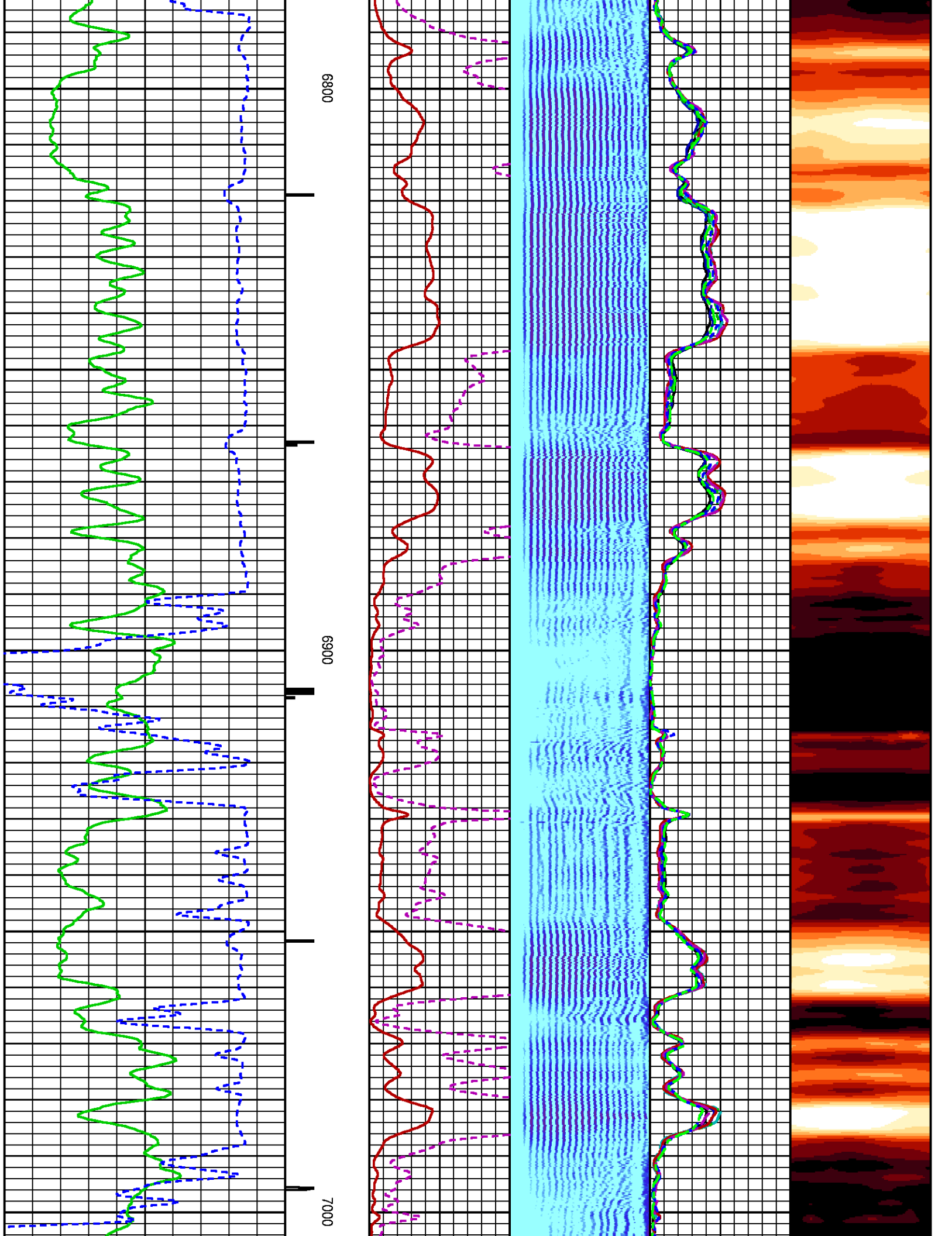


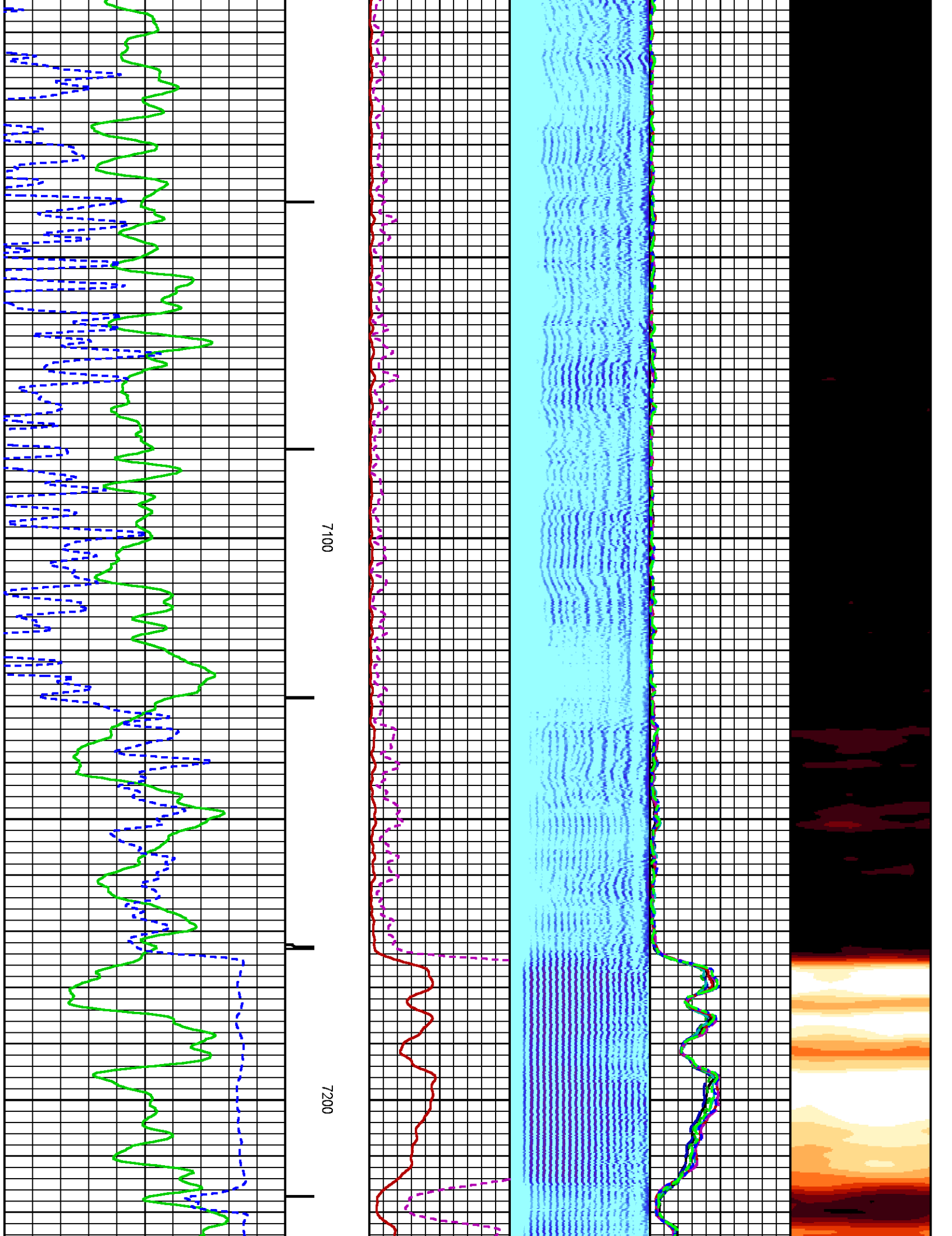


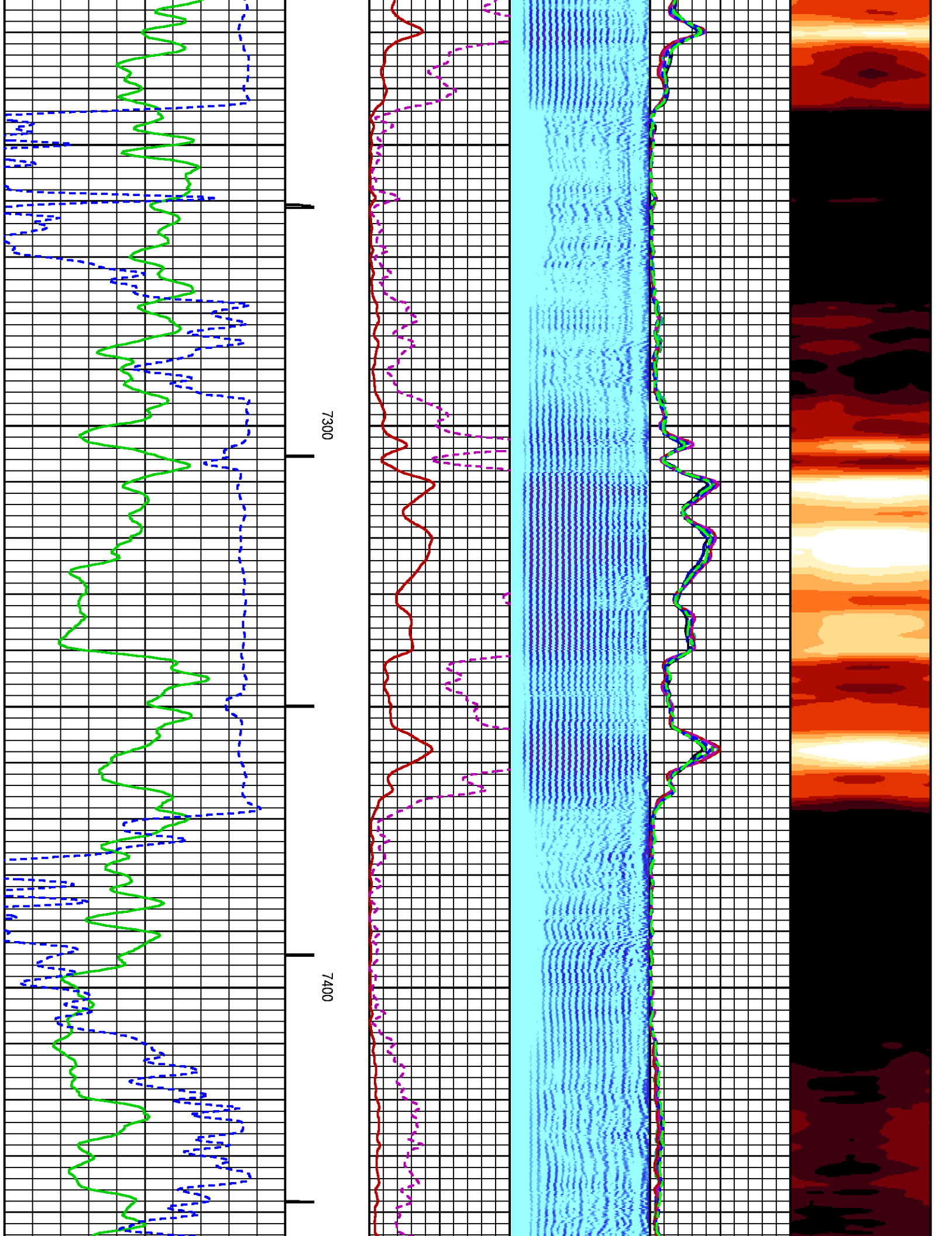


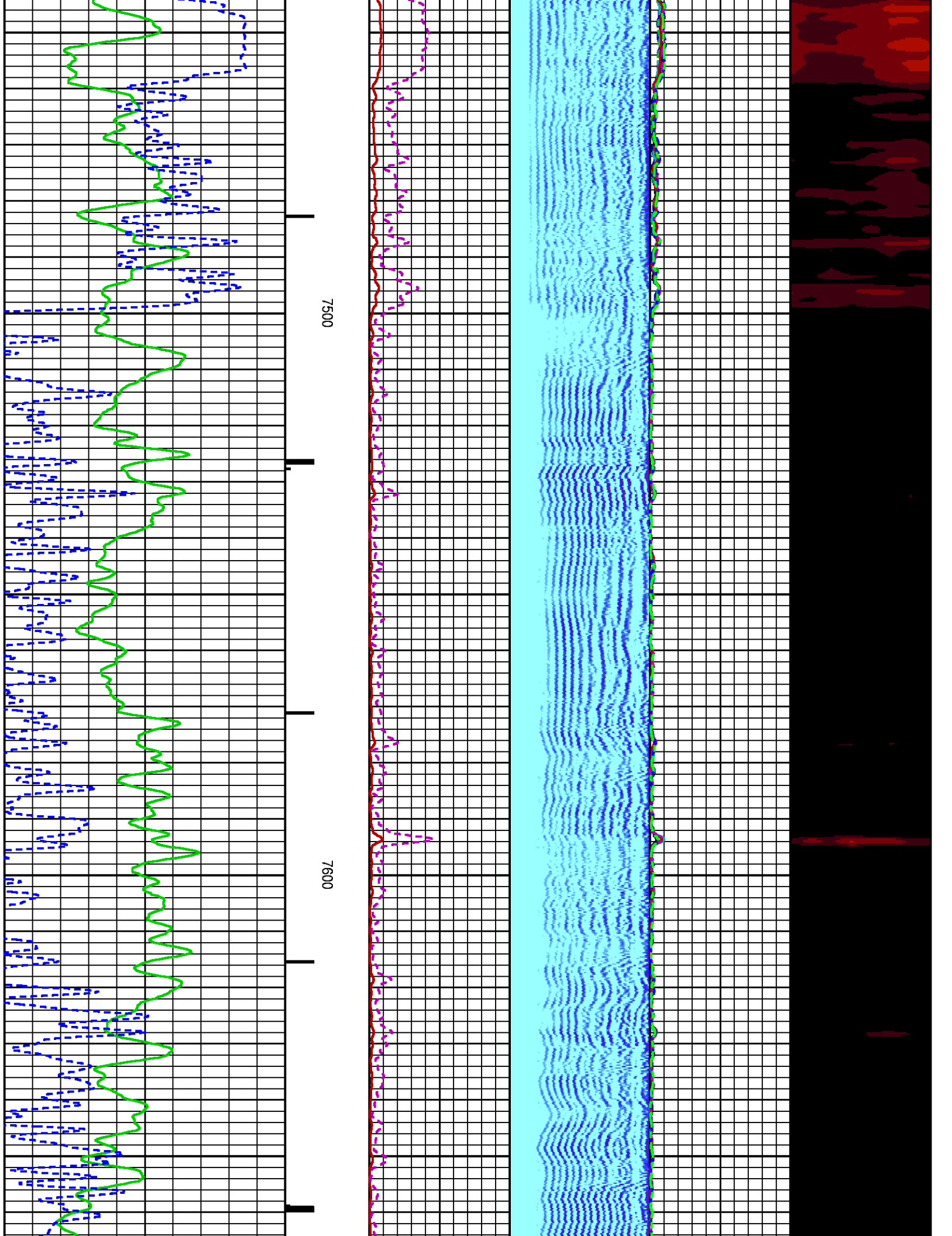


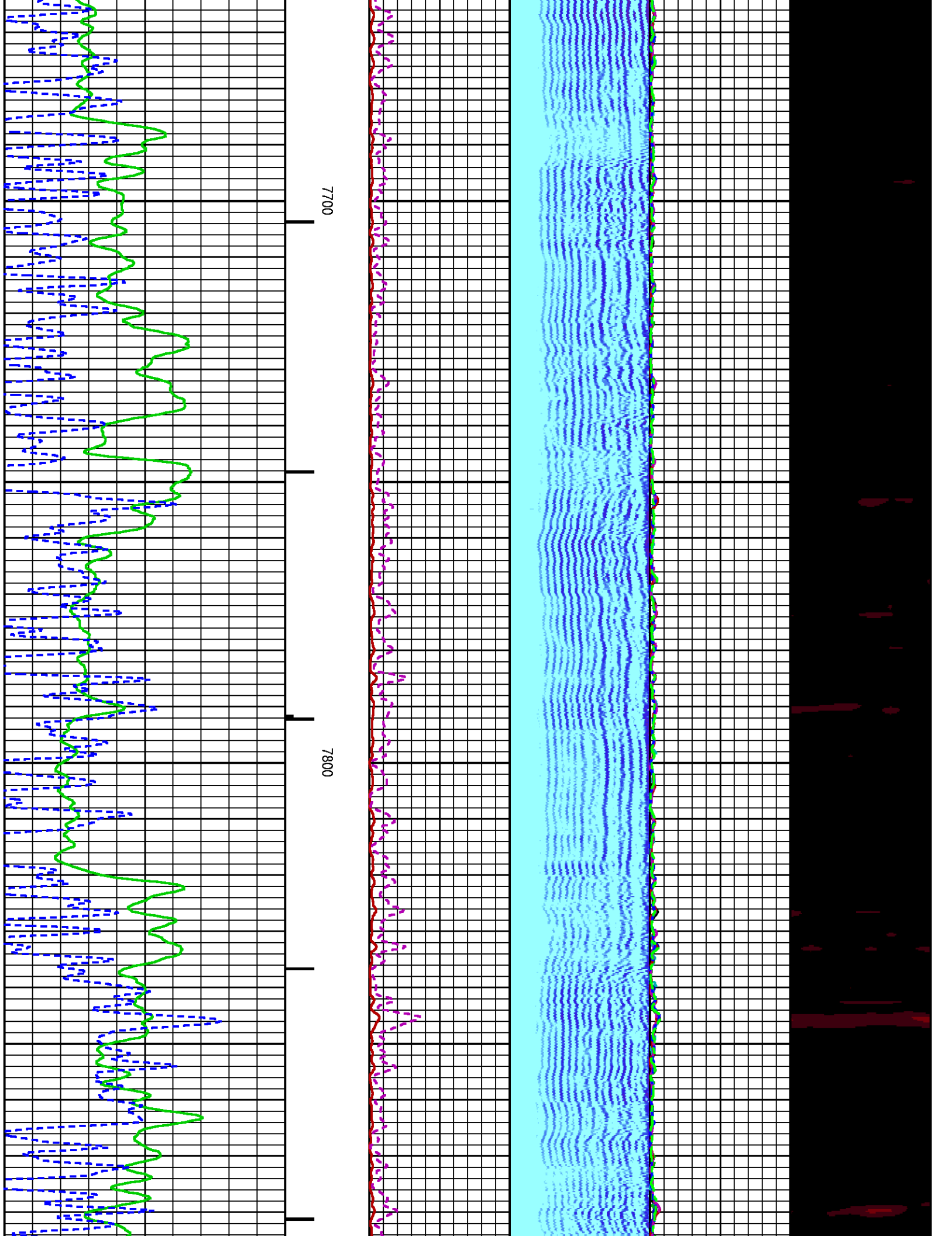


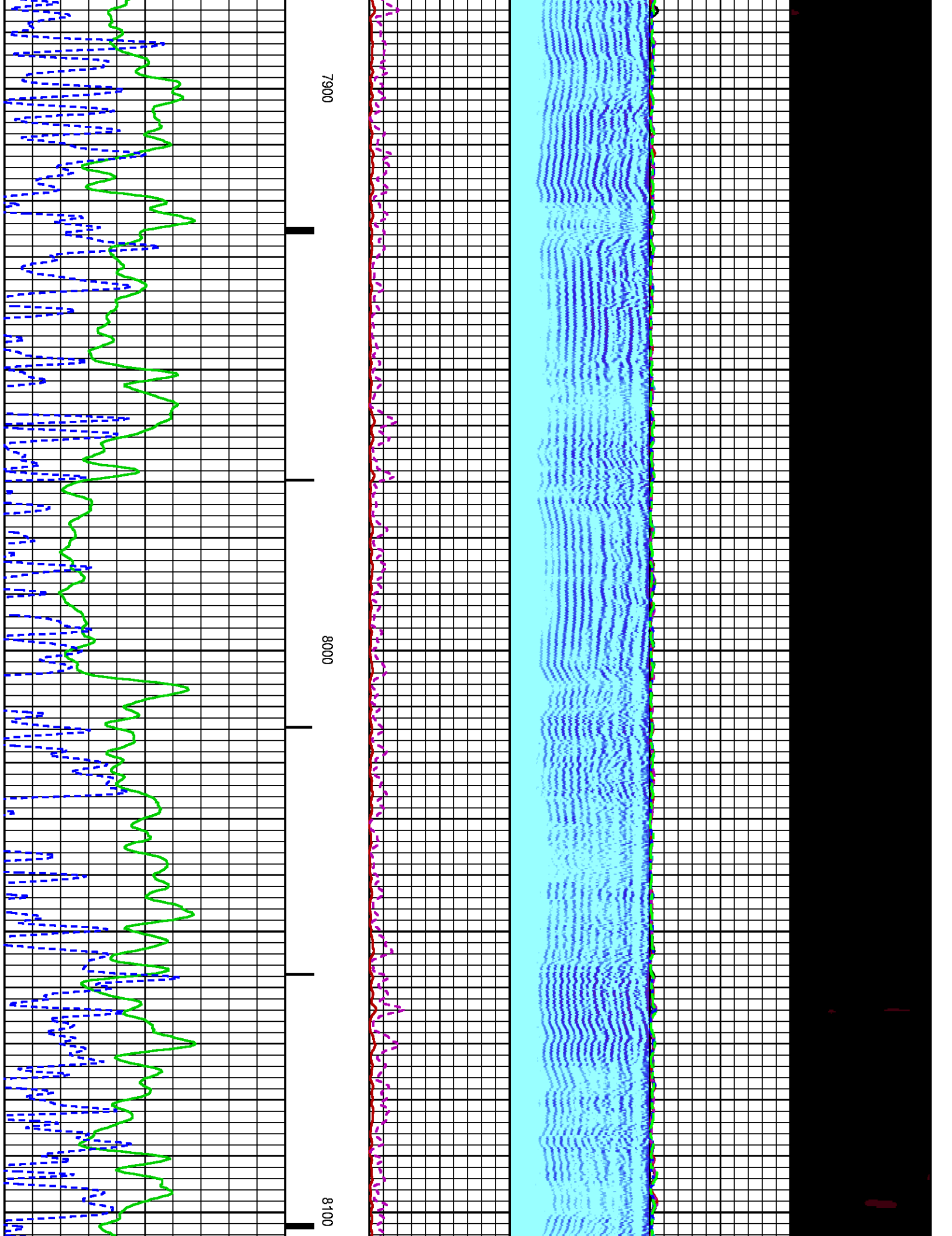


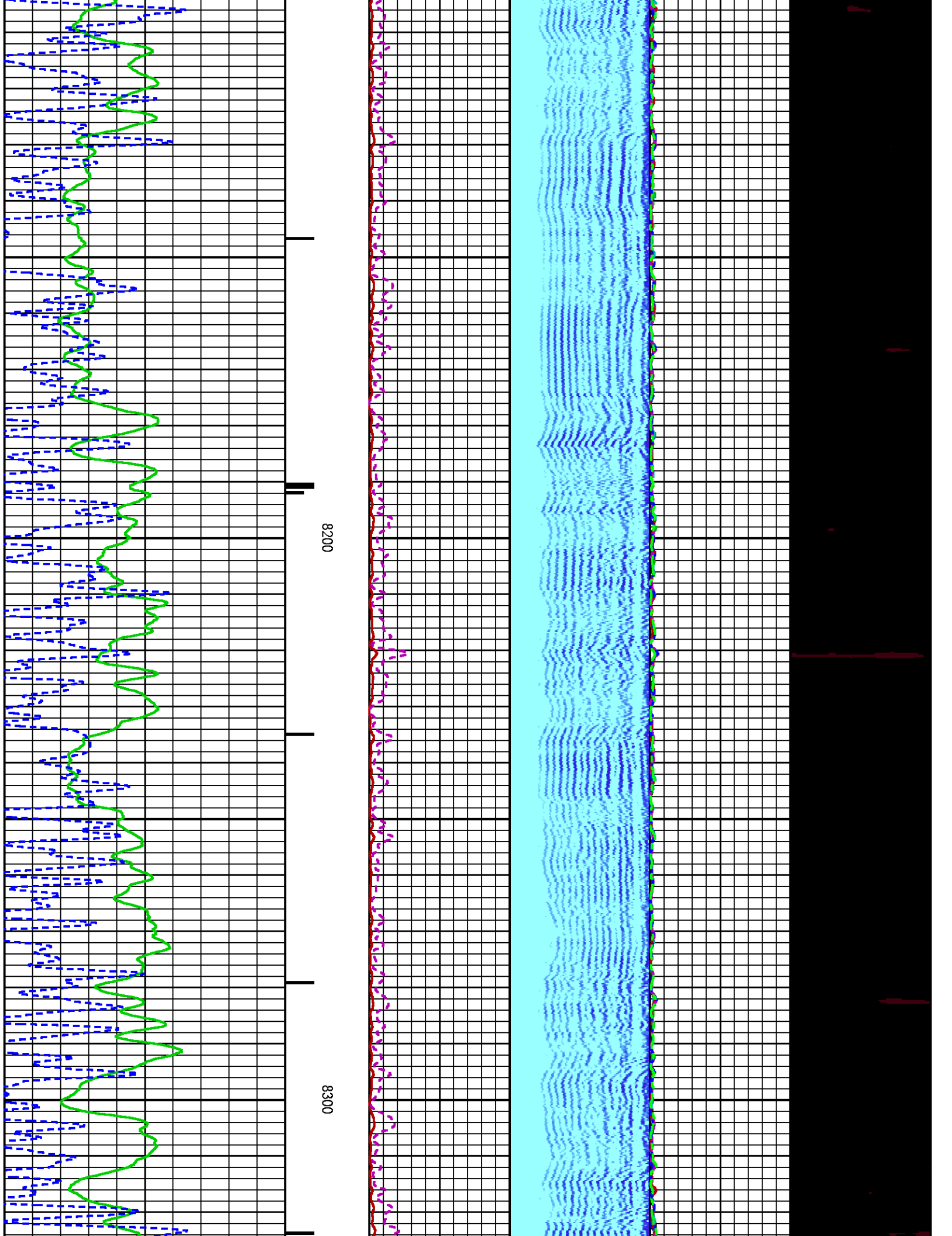


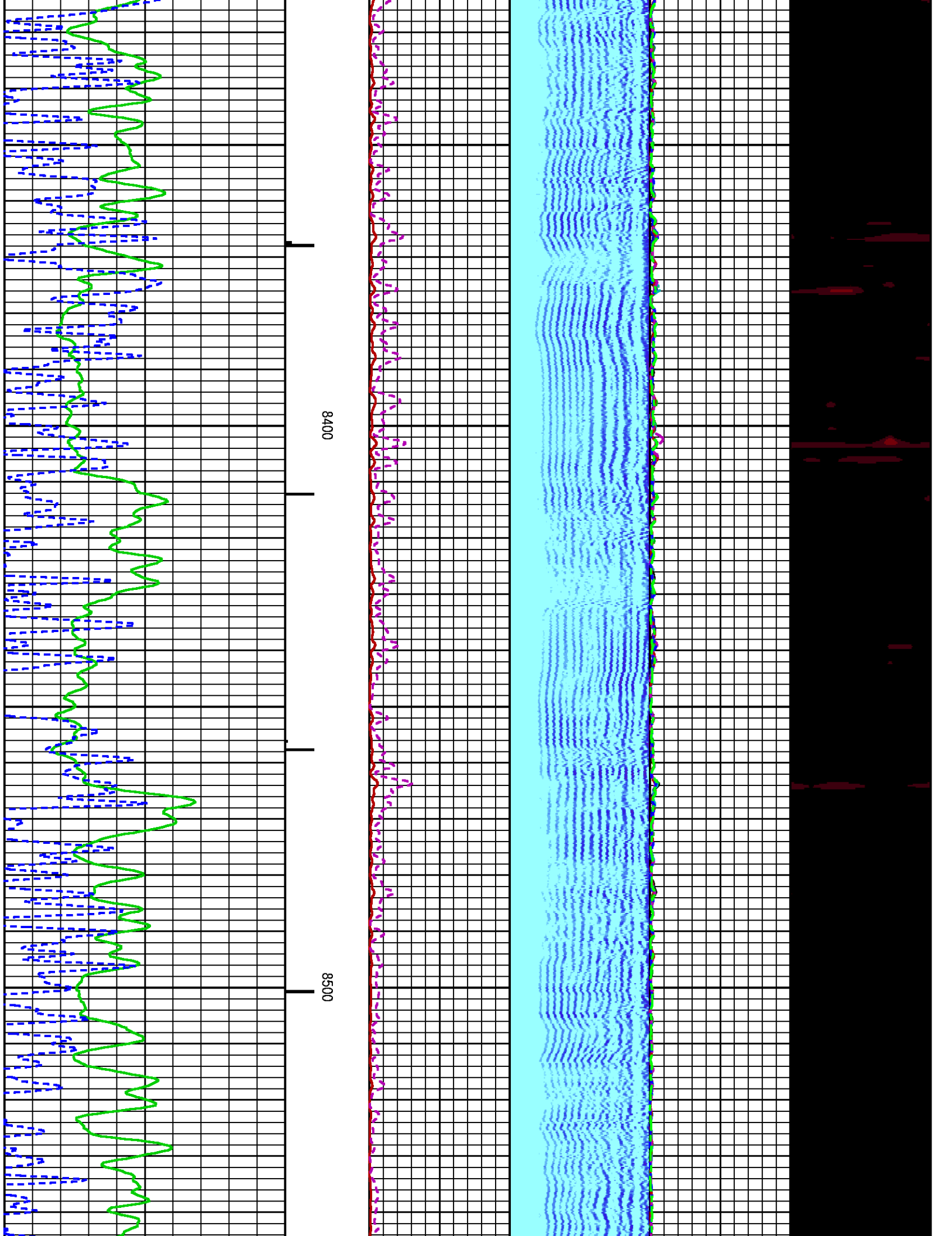


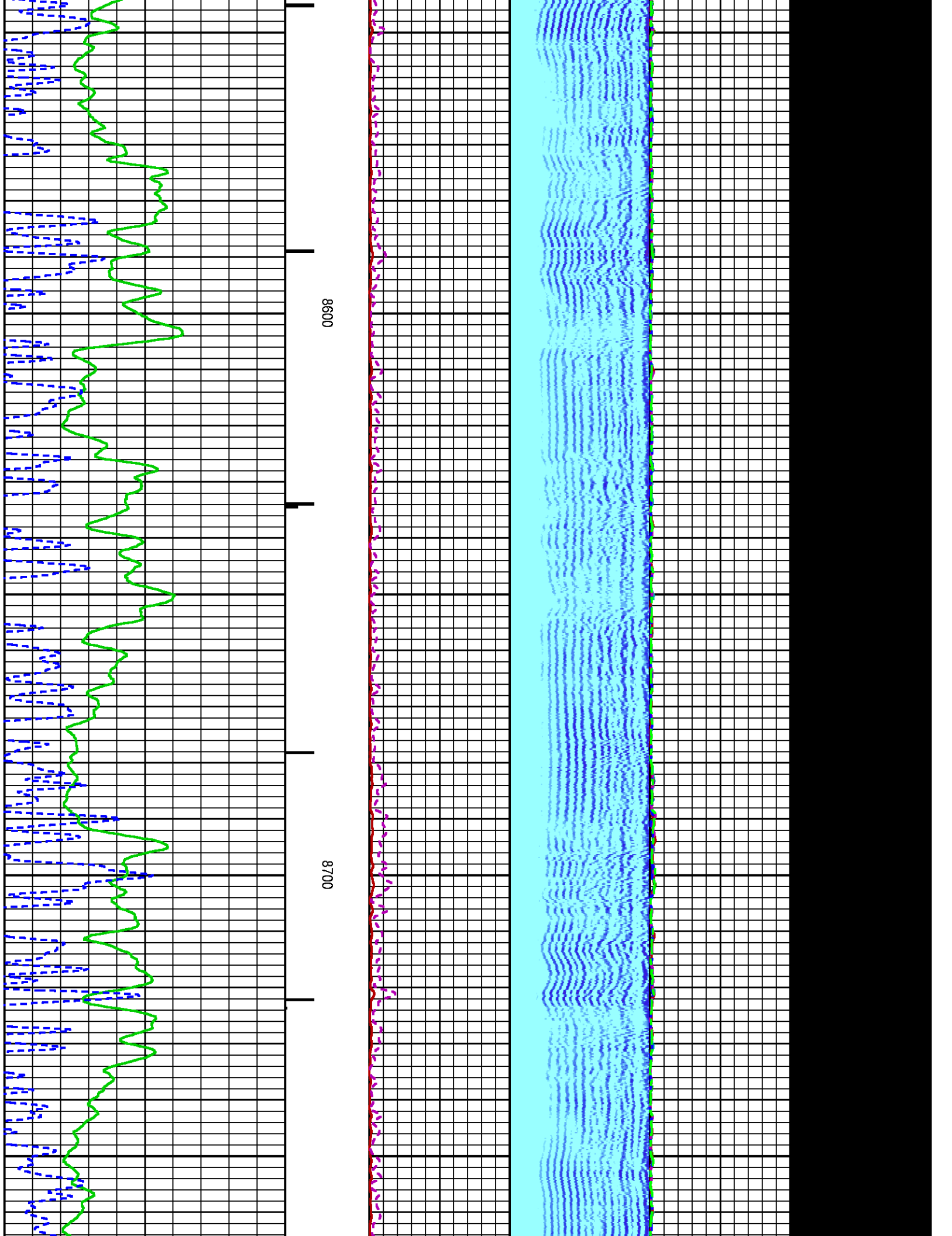


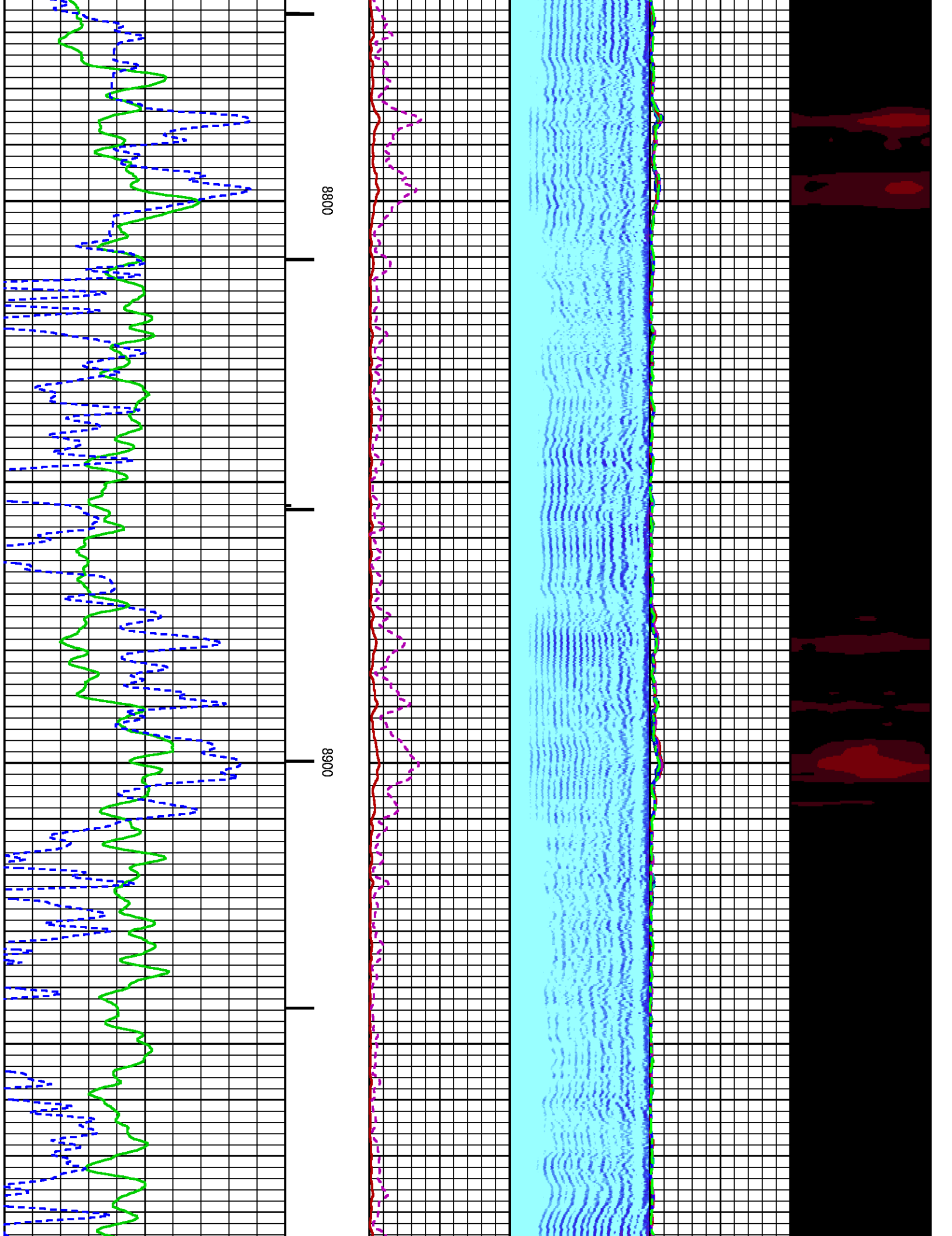


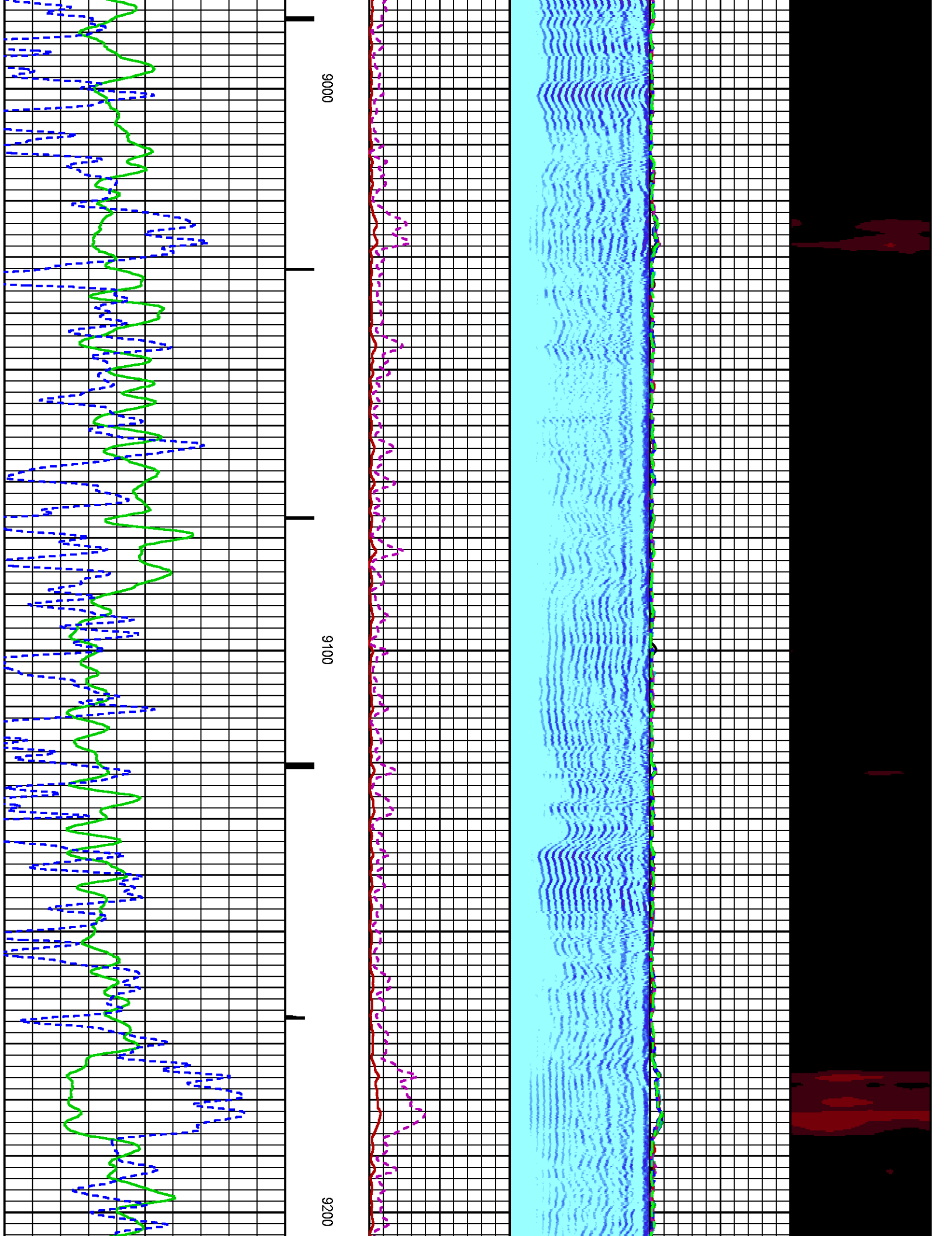


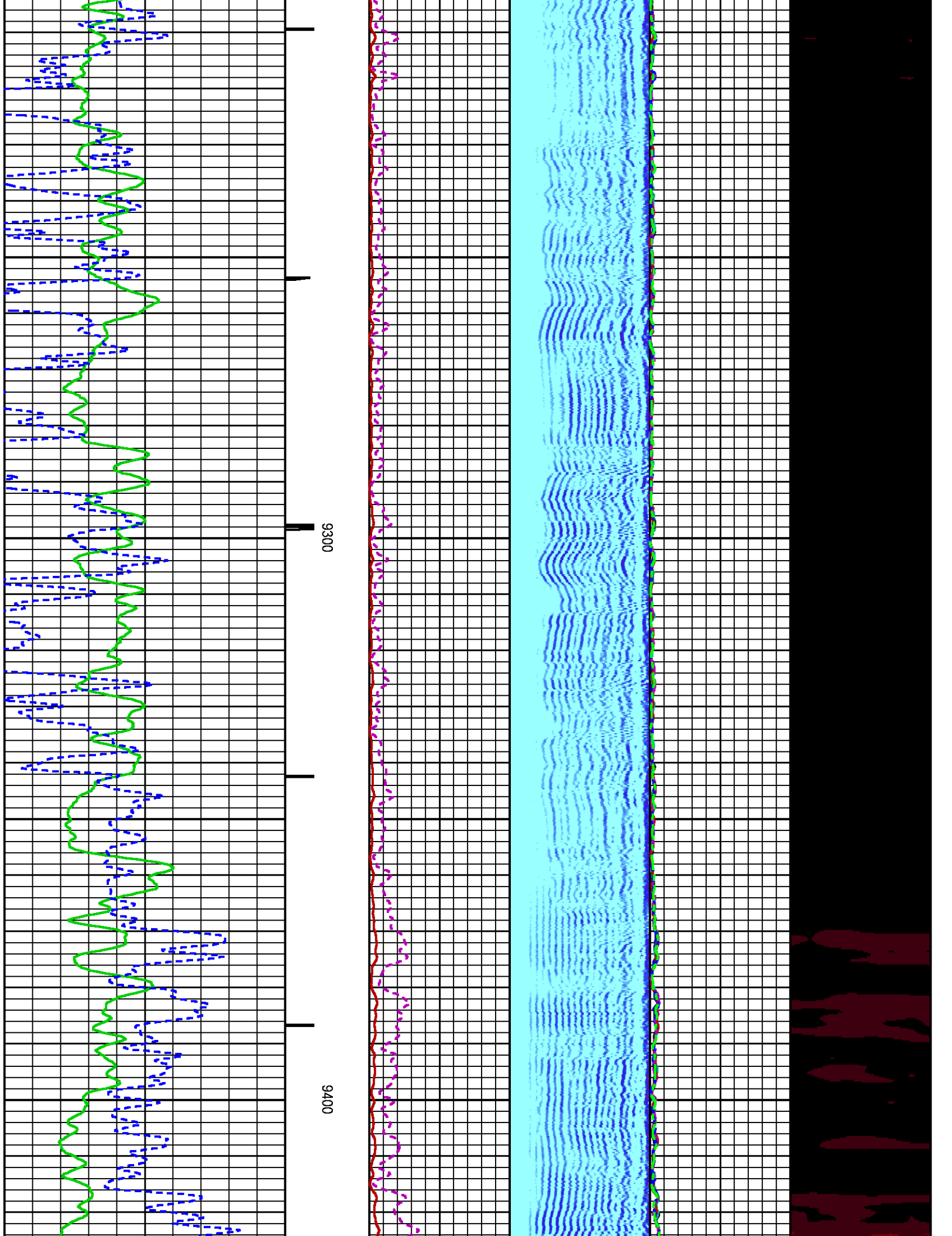


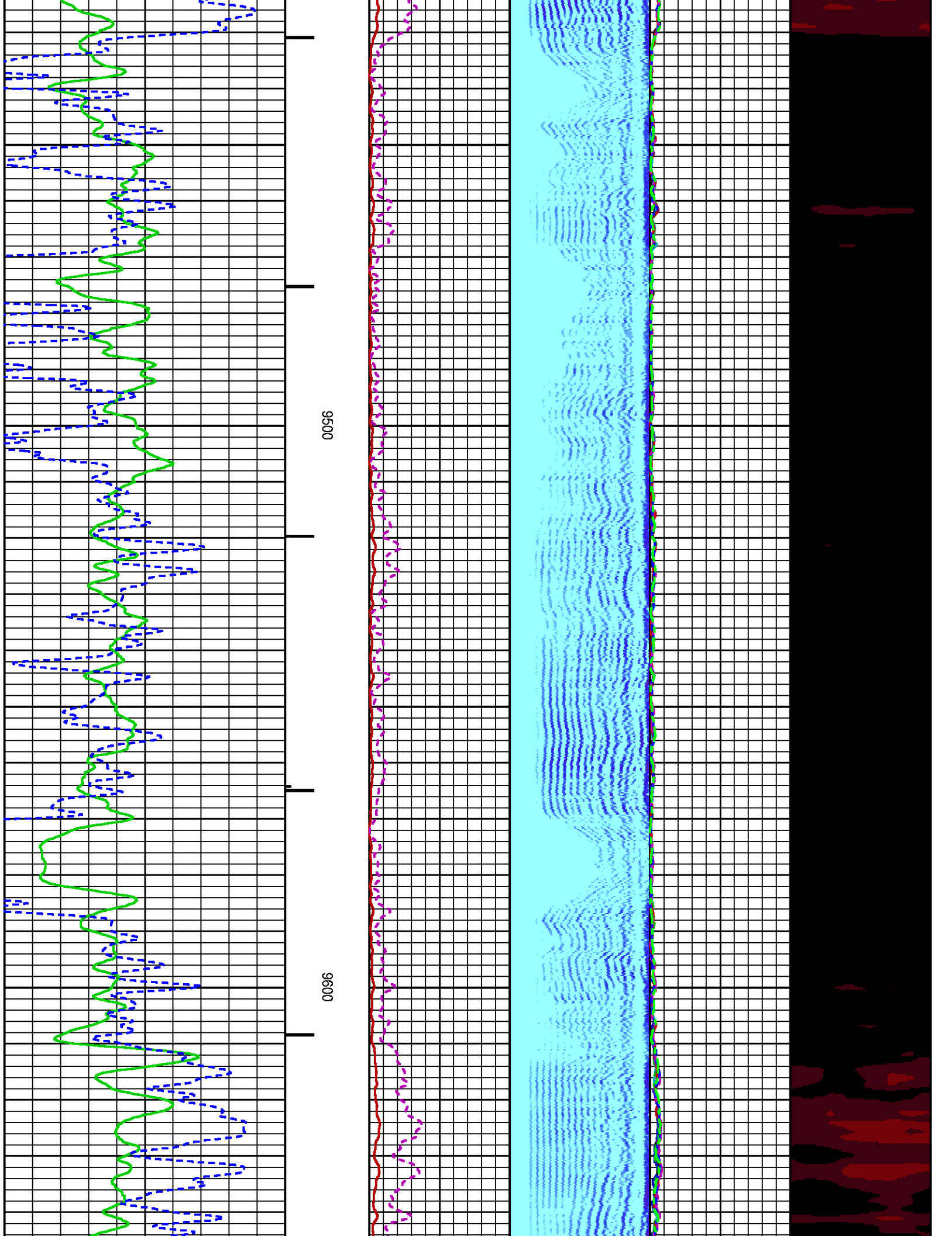


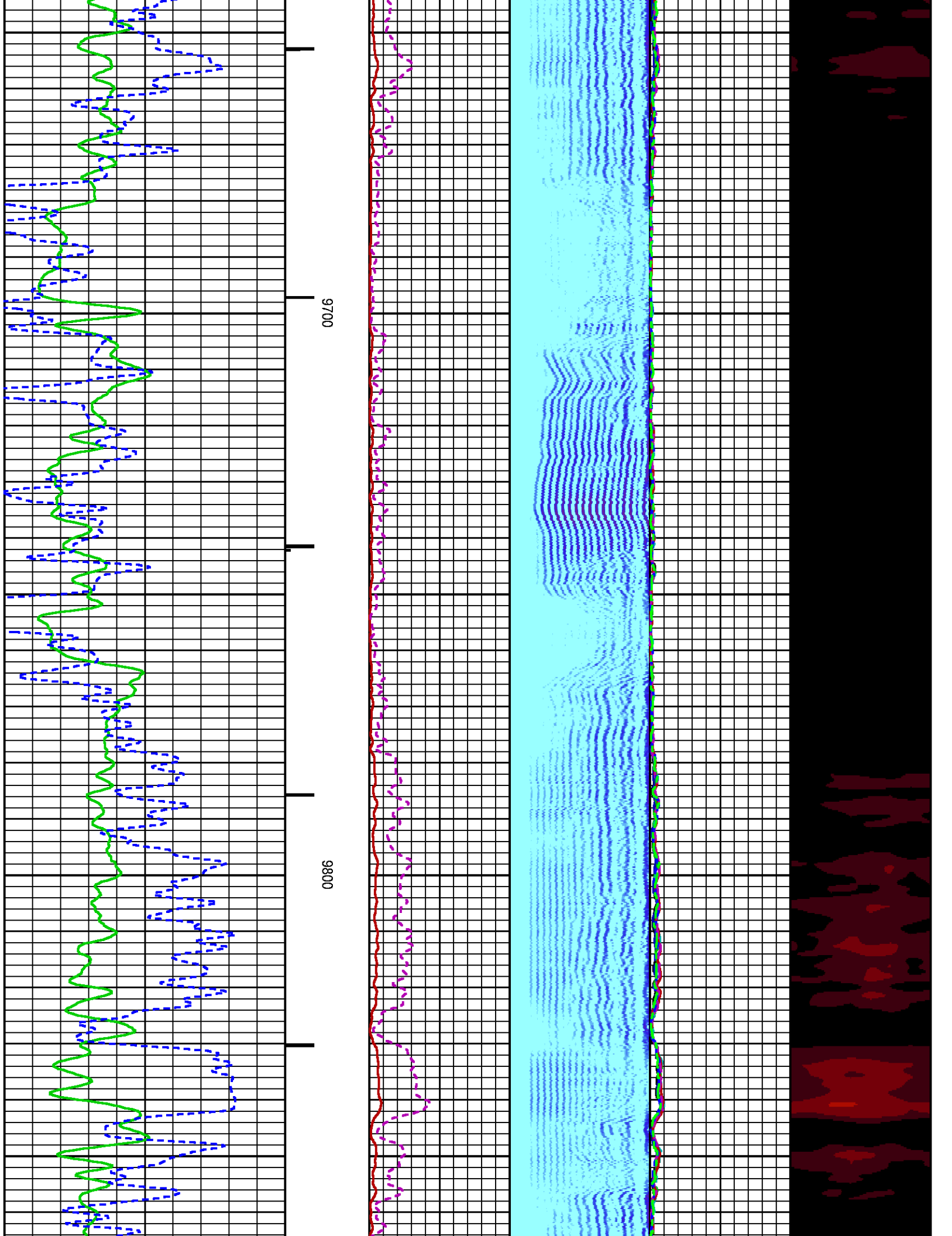


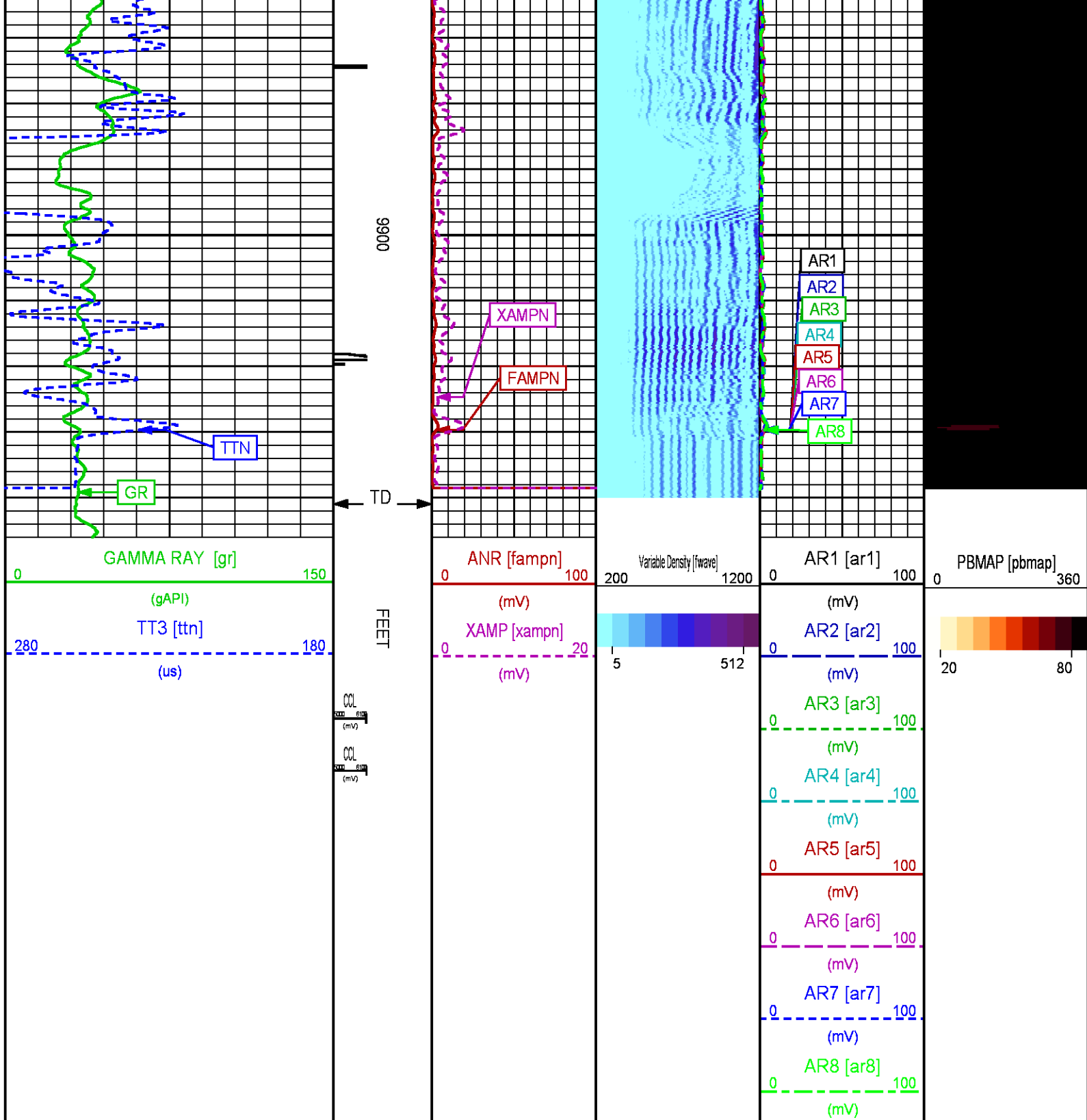












CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH096694/m012g.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10417452

DATE/TIME PERFORMED: Thu Jul 2 09:03:30 2015

UNIT #: 3880TA HI 6670

UNIT #: 1426XA 10417452

	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)	-0.00	0.04	-0.01	-0.04	-0.09	-0.11	-0.05	-0.05	-0.05	0.17	-0.08
AMP FLUID (mV)	72	72	72	72	72	72	71	71	72	94	71
TT (us)	219	218	219	220	220	219	218	217	219	327	219
M FACTOR	1.39	1.39	1.40	1.40	1.39	1.40	1.40	1.40	1.39	1.59	1.40

RAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1426XA 10417452 DATE/TIME PERFORMED: Sun Jul 5 09:01:41 2015 DAYS SINCE CAL: 2

UNIT #: 3880TA HL6670 CABLE #: 6670SM SMALL1

	NEAR (mV)	R1 (mV)	R2 (mV)	R3 (mV)	R4 (mV)	R5 (mV)	R6 (mV)	R7 (mV)	R8 (mV)	FAR (mV)	CAL (mV)
ZERO	-0.19	0.13	-0.07	-0.03	-0.17	0.12	-0.11	0.13	0.13	0.15	0.16
AMP AIR	0.47	-0.17	-0.28	0.69	0.92	-0.39	0.08	-0.07	0.01	-0.59	101.41

SHOP M FACTOR	SHOP A FACTOR	WIRELINE FACTOR
1.40	0.00	0.99

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1355XA 11871508 DATE/TIME PERFORMED: Wed Jul 1 11:50:07 2015

UNIT #: 3880TA HL6670 CALB JIG #: 4702NK WA-612

	BACKGROUND (cts)	CALBRTR ON (cts)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	48.36	341.51	293.2	0.631	30.52	215.52	185

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1355XA 11871508 DATE/TIME PERFORMED: Wed Jul 1 11:53:52 2015

UNIT #: 3880TA HL6670 VERI JIG #: 4702NK WA-612

	BACKGROUND (cts)	CALBRTR ON (cts)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	49.07	327.64	0.631	30.96	206.76	175.80
						175.00 195.00

INSTRUMENT CONFIGURATION

CABLEHEAD

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

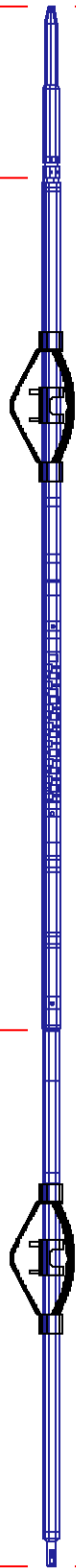
RADIAL BOND TOOL

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

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

TOTAL LENGTH: 20.38'
 TOTAL WEIGHT: 235 lbs
 MAX DIAMETER: 0'4.00"



20.38'

NEAR RCVR 11.17'

FAR RCVR 10.21'

CCL 5.79'

GR 1.67'

TEMP 0.17'



COMPANY
WELL
FIELD
COUNTY

WPX ENERGY**YOUBERG RU 544-7****RULISON****GARFIELD****STATE COLORADO****LOCATION:**

SHL: 1121' FSL & 1184' FEL
 BHL: 249' FSL & 881' FEL

SEC 7 TWP 7 RGE 93W

ELEVATIONS:

KB 7943 FT

DF

GL 7917 FT

DATE

05-Jul-2015

FILE NO:

CH096694

API NO:

05045225180000

7 7S 93W

RU 44-7 PAD

NABORS 576

