



FILE NO: US086479	COMPANY WPX ENERGY INC
API NO: 05045223700000	WELL PUCKETT LAND COMPANY PA 744-26
	FIELD PARACHUTE
	COUNTY GARFIELD
	STATE CO

Ver. 3.87	LOCATION:	OTHER SERVICES NONE
S 26 T6S R95W	SHL: 240' FNL: 1149' FEL: S35 T6S R95W	
PAD: PA 341-35	BHL: 656' FSL 624' FEL: S26 T6S R95W	
RIG: CYCLONE 17	SEC 26 TWP 6S RGE 95W	

PERMANENT DATUM	GL	ELEVATION	5168 FT	ELEVATIONS: KB 5189 FT DF GL 5168 FT
LOG MEASURED FROM	KB	21 FT	ABOVE P.D.	
DRILL. MEAS. FROM	KB			

DATE	05-Jun-2014				
RUN	1	TRIP	1		
SERVICE ORDER	US086479				
DEPTH DRILLER	8675 FT				
DEPTH LOGGER	8676 FT				
BOTTOM LOGGED INTERVAL	8673 FT				
TOP LOGGED INTERVAL	0 FT				
CASING DRILLER	13.375 IN	@ 2064 FT	@		
CASING LOGGER	2059 FT				
BIT SIZE	12.25 IN				
TYPE OF FLUID IN HOLE	LSND				
DENSITY	13.4 LB/G	78 CP			
PH	9.9	5.5 C3			
SOURCE OF SAMPLE	FLOWLINE				
RM AT MEAS. TEMP.	1.09 OHMM	@ 85 DEGF	@		
RMF AT MEAS. TEMP.	.82 OHMM	@ 80 DEGF	@		
RMC AT MEAS. TEMP.	1.36 OHMM	@ 80 DEGF	@		
SOURCE OF RMF	RMC	CALCULATED	CALCULATED		
RM AT BHT	.589 OHMM	@ 206 DEGF	@		
TIME SINCE CIRCULATION	8 HR				
MAX. RECORDED TEMP.	207 DEGF				
EQUIP. NO.	6670	GRAND JCT			
RECORDED BY	D SMITHAW QUIGLEY				
WITNESSED BY	A DUNIHO				

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
12.25 IN	2064 FT	8675 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
20 IN			0 FT	80 FT
13.375 IN	68 LB/F		0 FT	2064 FT

### REMARKS

RUN 1 TRIP 1: HDIL\_XMAC\_ZDL\_CN\_GR RAN IN COMBINATION

BVOL/CVOL CALCULATED IN CUBIC FEET  
BVOL CALCULATED USING PROPOSED 9.625" INTERMEDIATED CASING

CALIPER VERIFIED INSIDE CASING

CLOSED AND OPENED CALIPER AT 8420 FT DUE TO STUCK TOOL

RHO MATRIX 2.68 G/CC  
RHO FLUID 1.00 G/CC

CN MATRIX = SANDSTONE  
CN RAN DECENTRALIZED

DT MATRIX 53.1 usec

HDIL RAN WITH 1.5 IN STANDOFFS

ABC TO CALCULATE: STANDOFF

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES

RIG: CYCLONE 17

CREW: SMITH/QUIGLEY/COATE/OLSON

### EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	DHPA	4430XB	12494777	FREE
1	1	SWVL	3944XD	10158308	FREE
1	1	TTRM	3981XA	10516527	FREE
1	1	WTS CR	3514XB	10240730	FREE
1	1	DSL	1329XA	10196895	FREE
1	1	CN	2446XA	10202034	DECENTRALIZED
1	1	ZDL	2234XA	Z118202	DECENTRALIZED/CALIPER
1	1	KNCKL	3939XA	10185406	FREE
1	1	ORIENT	4401XB	Z186393	CENTRALIZED
1	1	CENTRALIZER	4341XA	10239054	CENTRALIZED
1	1	XMAC	1677EA	10076613	CENTRALIZED
1	1	XMAC	1678MC	10084081	CENTRALIZED
1	1	XMAC	1678PB	10086347	CENTRALIZED
1	1	XMAC	1678BA	10332647	CENTRALIZED
1	1	XMAC	1678FA	Z370875	CENTRALIZED
1	1	CENTRALIZER	4341XA	10202020	CENTRALIZED
1	1	HDIL EA	1515EA	10037719	STOOD OFF
1	1	HDIL MA	1515MA	10318637	STOOD OFF

## MAIN LOG 2"/100FT SCALE

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

Updates: 1

Plotted: Fri Jun 6 09:13:52 2014

### PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/OH086479/n777q~04.prm  
LOGGING MODE: DEPTH DIRECTION: UP  
TOP DEPTH: 1950.500 ft BOTTOM DEPTH: 8694.892 ft

#### SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TTRM	FILTER ( )	medium (1)		TOP	BOTTOM
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
Y AXIS CALIPER	FILTER ( )	medium (1)		"	"
TENSION	FILTER ( )	medium (1)		"	"
GR	FILTER ( )	medium (1)		"	"
CALIPER	FILTER ( )	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
SP-SPDH	FILTER ( )	heavy (3)		"	"

#### BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
BIT SIZE	BIT SIZE	12.250	in	TOP	BOTTOM

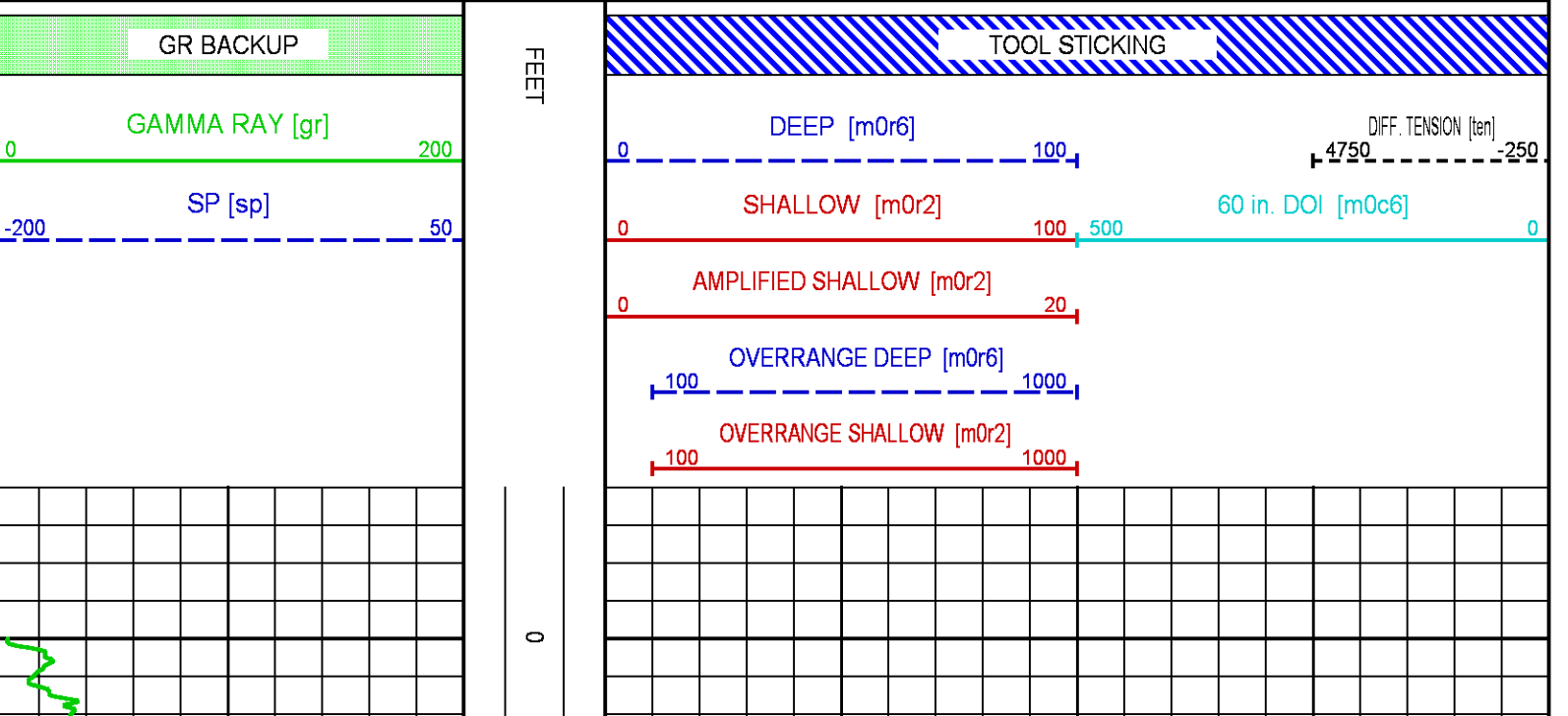
MUD SAMPLE RESISTIVITY	MUD SAMPLE TEMP	85.0	degF	"	"
	MUD SAMPLE RES	1.090	ohm.m	"	"
BOREHOLE TEMP from GRADIENT	Known BH REF TEMP	77.0	degF	"	"
	at BH REF DEPTH	0.0	ft	"	"
	with TEMP GRADIENT	1.200	0.01 degF/ft	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	12.250	in	"	"
BH MUD RESISTIVITY SOURCE	RMUD SOURCE (HDIL)	TOOL MEASURED		"	"

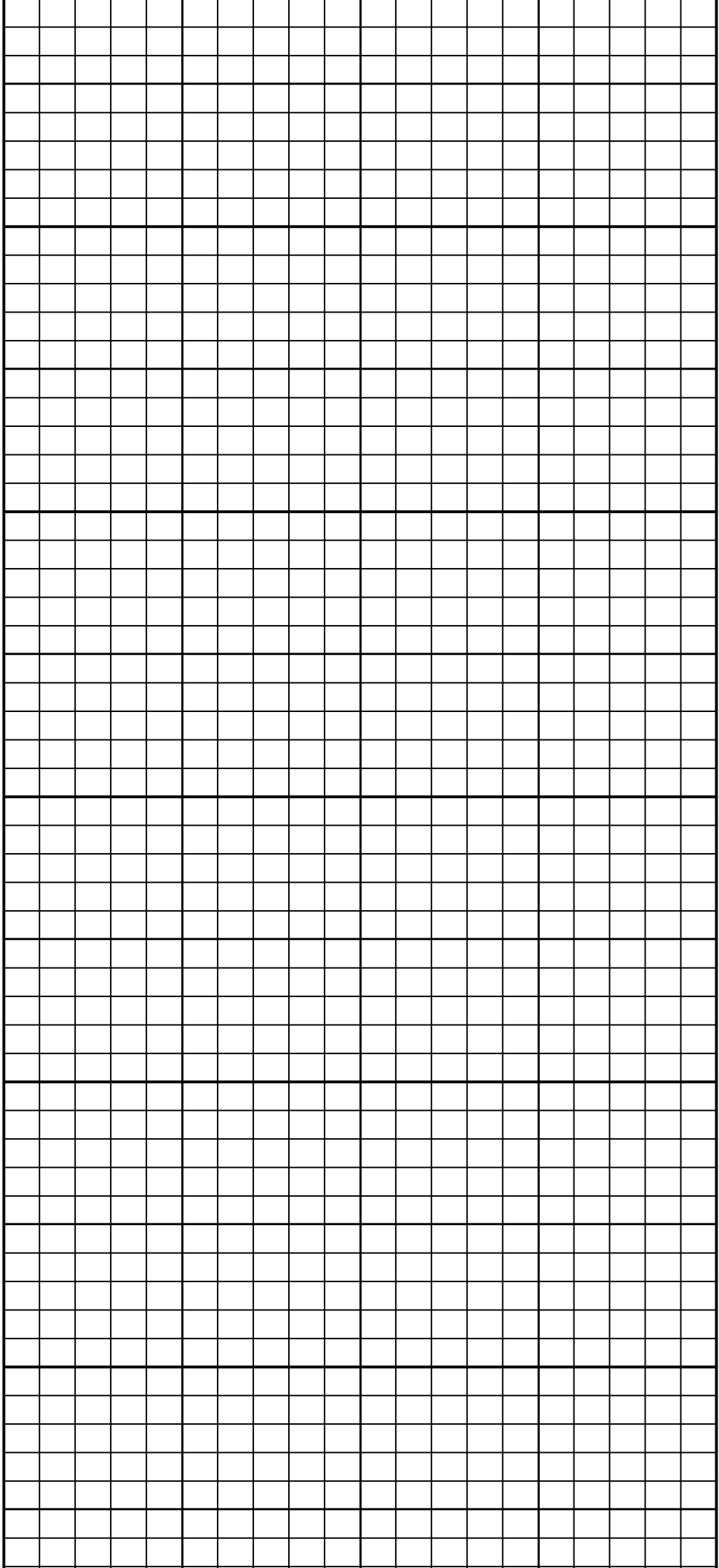
HDIL PROCESSING					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"
	ABC to CALCULATE	STANDOFF		"	"
	STANDOFF	1.50	in	"	"
	TOOL POSITION	ECCENTERED		"	"
	Rmud MULTIPLIER	1.000		"	"

CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:GR	Jun 6 03:53:06 2014	GAMMA RAY
F1:M0C6	Jun 6 03:53:06 2014	FOCUSED CONDUCTIVITY, 60-INCH DOI
F1:M0R2	Jun 6 03:53:06 2014	TRUE FOCUSED RESISTIVITY FOR HDIL, 20-INCH DOI
F1:M0R6	Jun 6 03:53:06 2014	TRUE FOCUSED RESISTIVITY FOR HDIL, 60-INCH DOI
F1:SP	Jun 6 03:53:06 2014	SPONTANEOUS POTENTIAL
F1:TEN	Jun 6 03:53:06 2014	DIFFERENTIAL TENSION

CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
GR	107.25	M0R2	8.00	SP	14.00		
M0C6	8.00	M0R6	8.00	TEN	0.00		

<b>Presentation</b>	: HL6670:WPX_2IN.fvpdf [2"/100' Scale]
<b>Plot Interval</b>	: -32.25 - 8699 Feet
<b>Data File 1</b>	: F1 : HL6670:/dat1a/OH086479/n777q~04.xtf
<b>Created On</b>	: Jun 6 08:27:24 2014
<b>Company</b>	: WPX ENERGY INC
<b>Well</b>	: PUCKETT LAND COMPANY PA 744-26
<b>Field</b>	: PARACHUTE
<b>File Interval</b>	: -32.25 - 8699 Feet
<b>OCT</b>	: n777q~





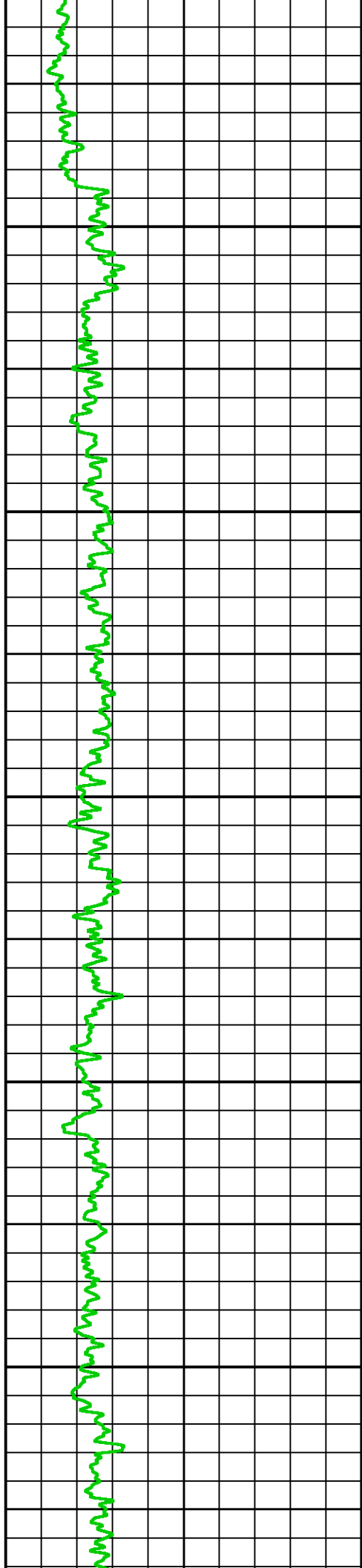
100

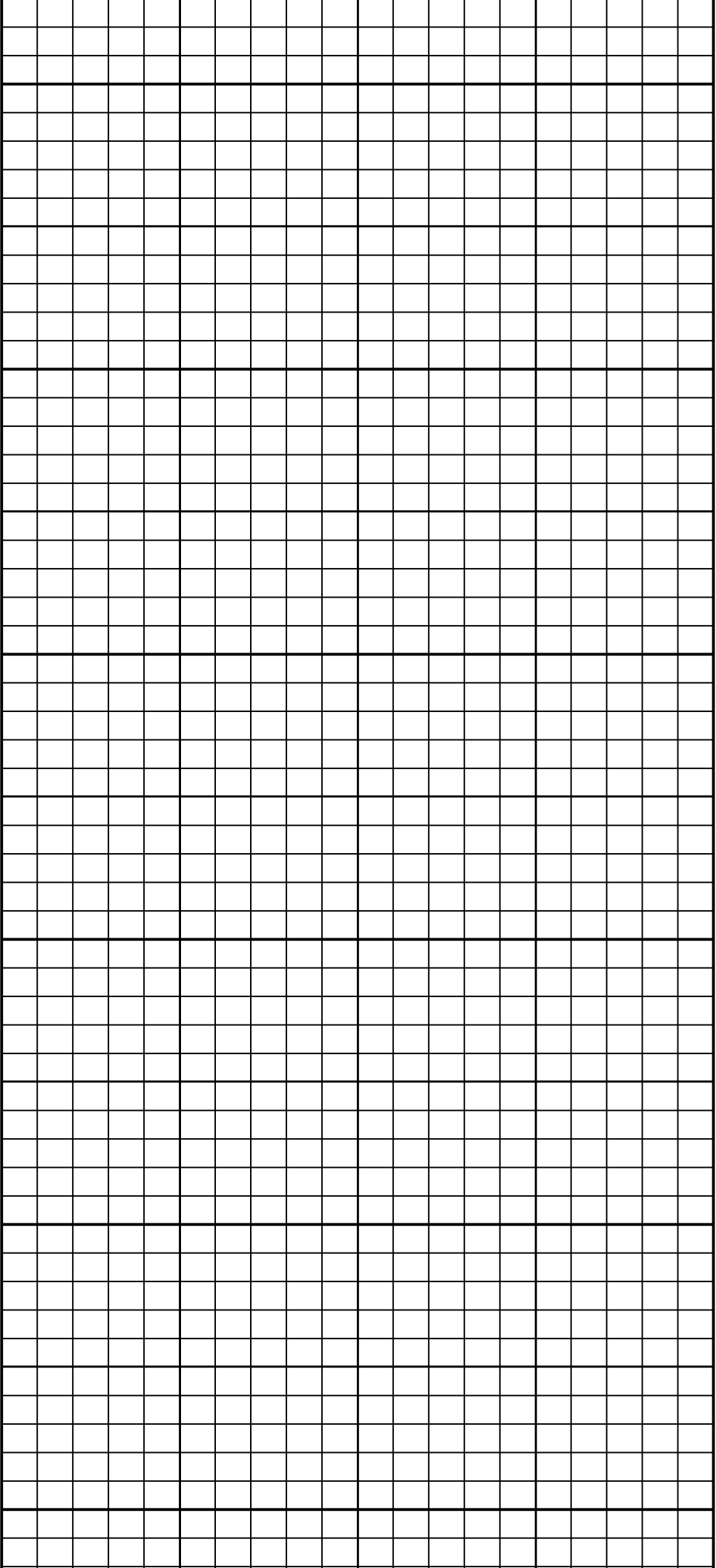
200

300

400

500





600

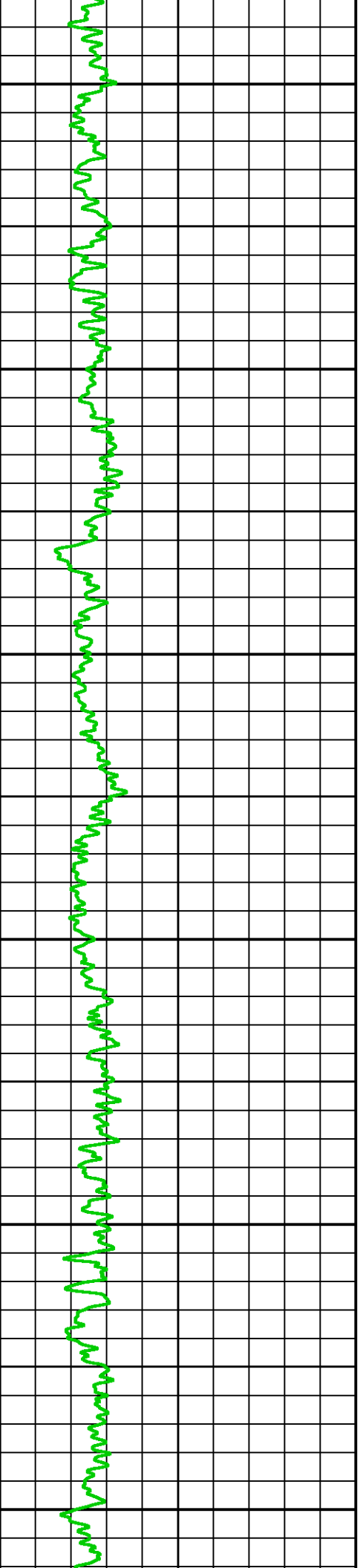
700

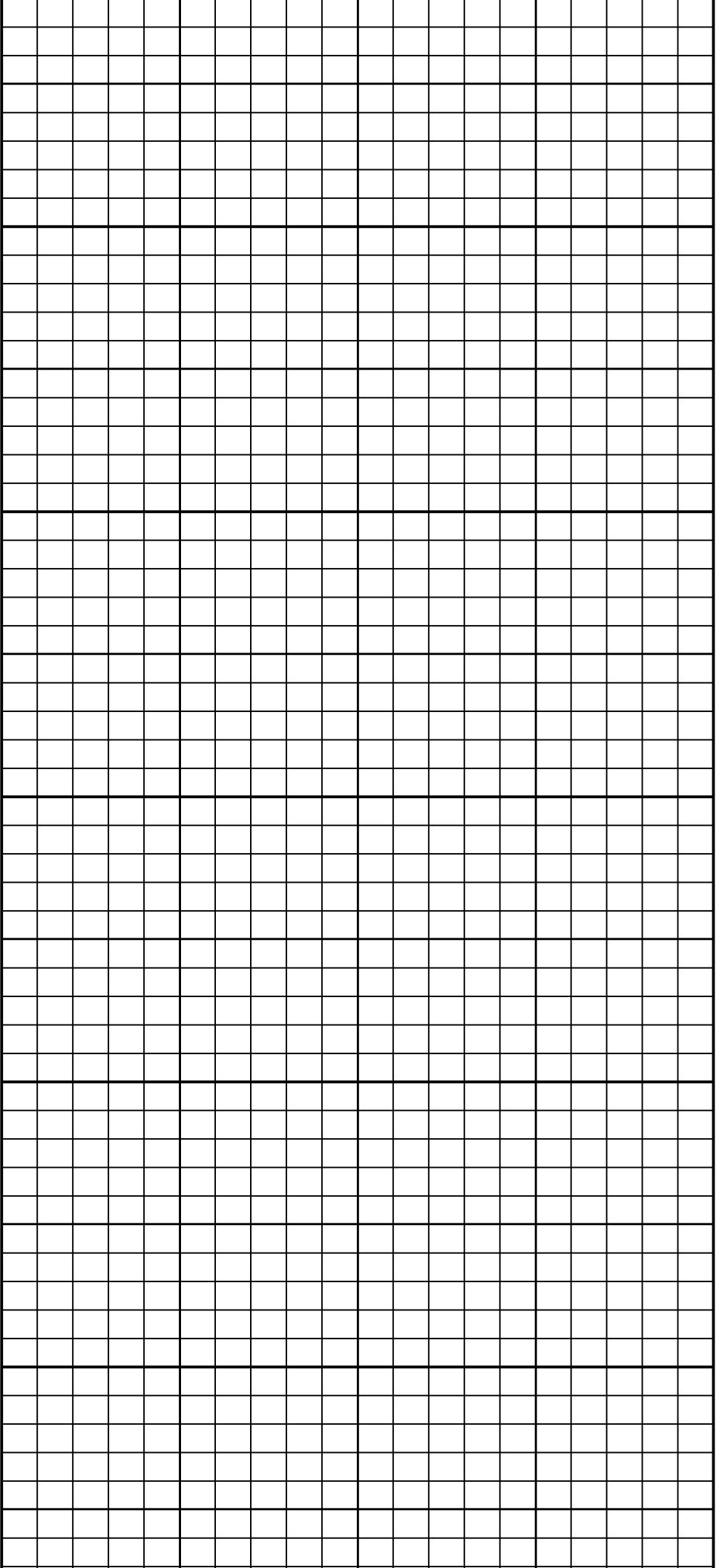
800

900

1000

1100





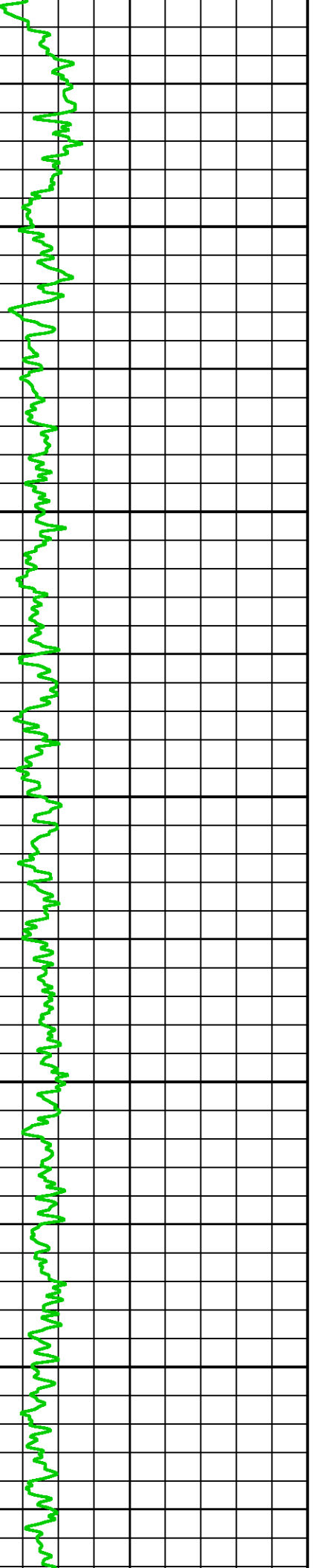
1200

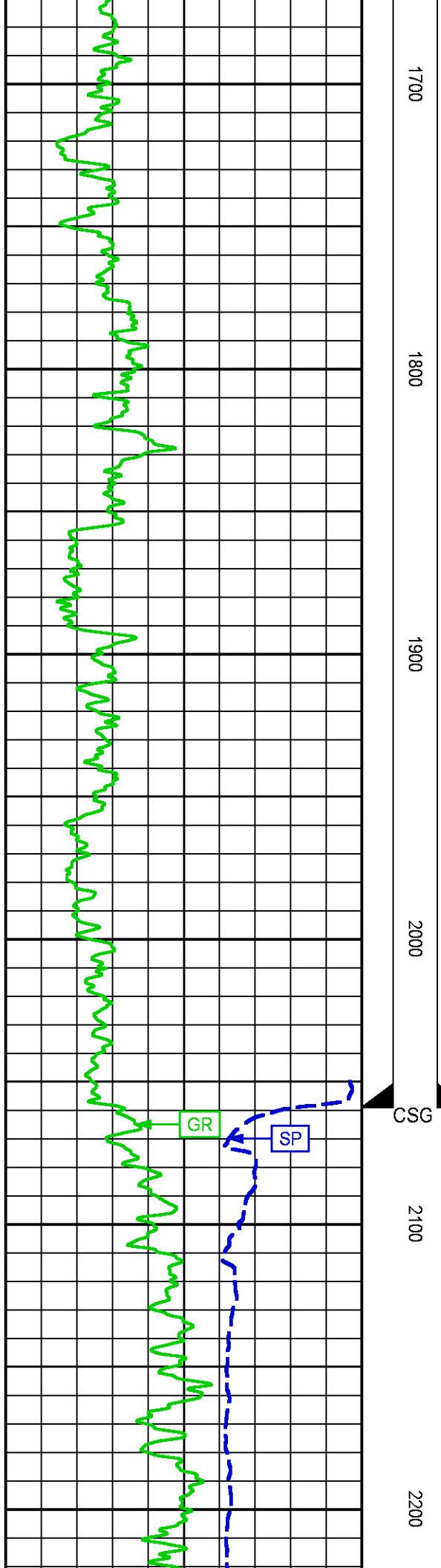
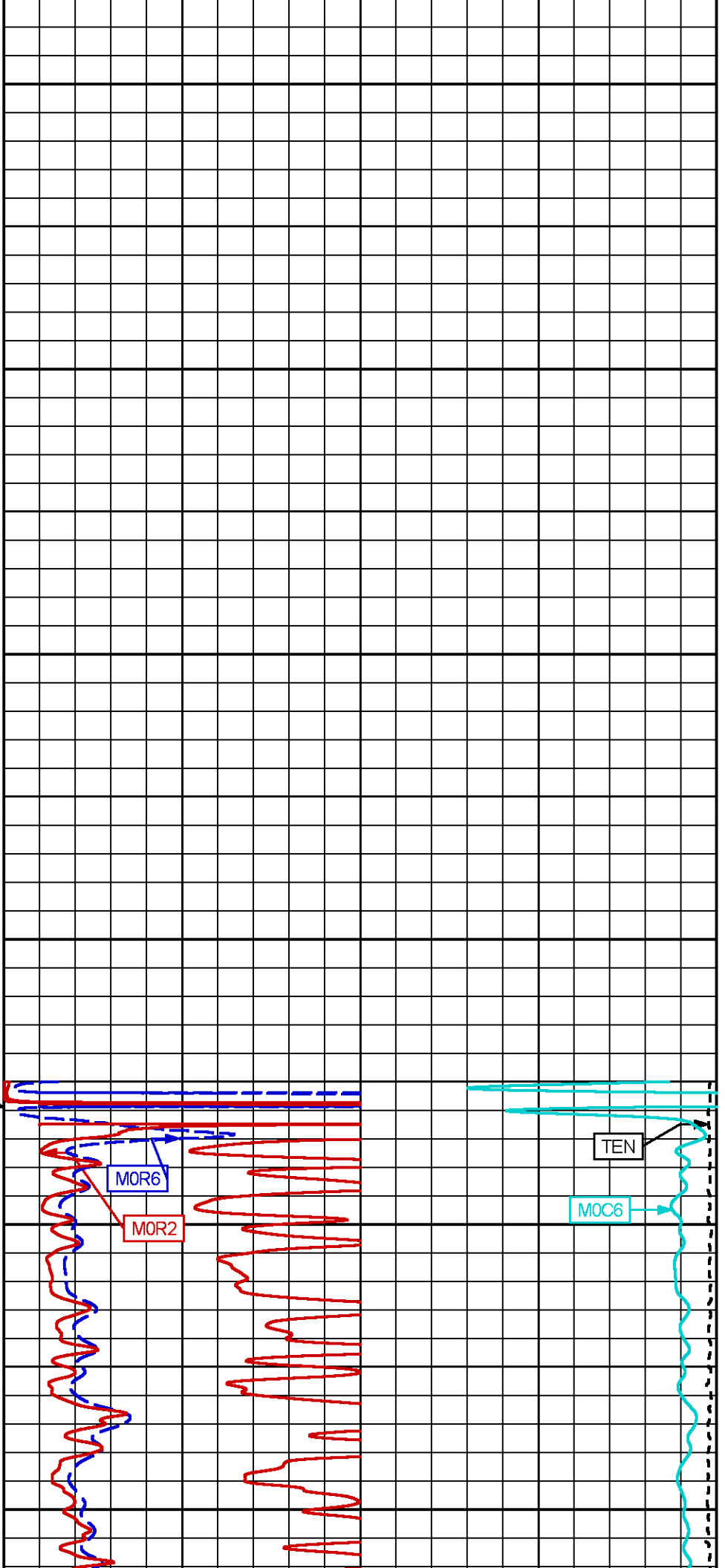
1300

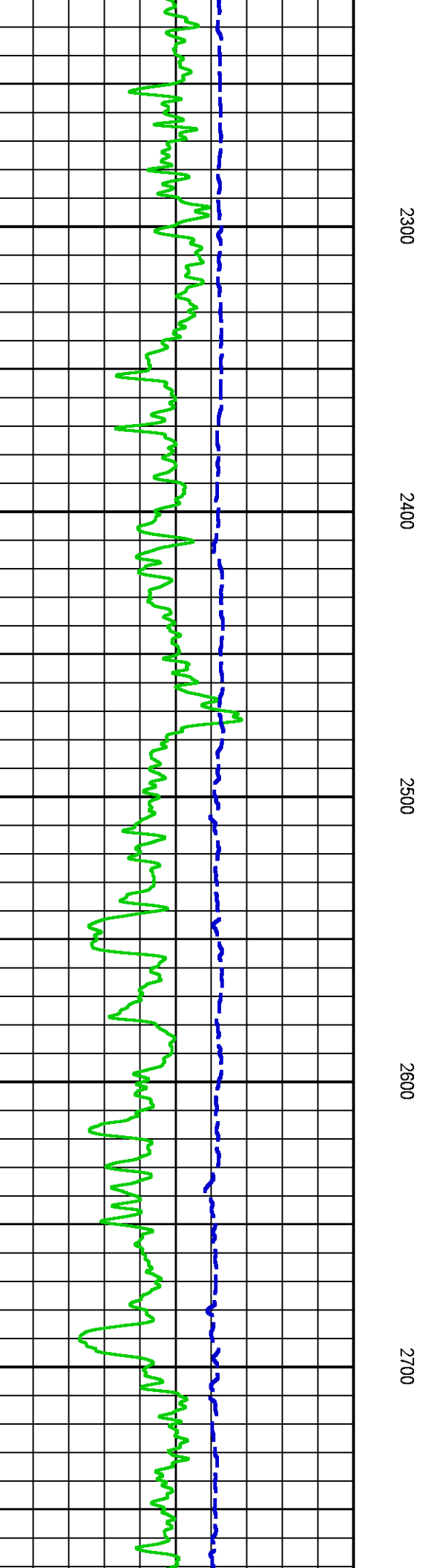
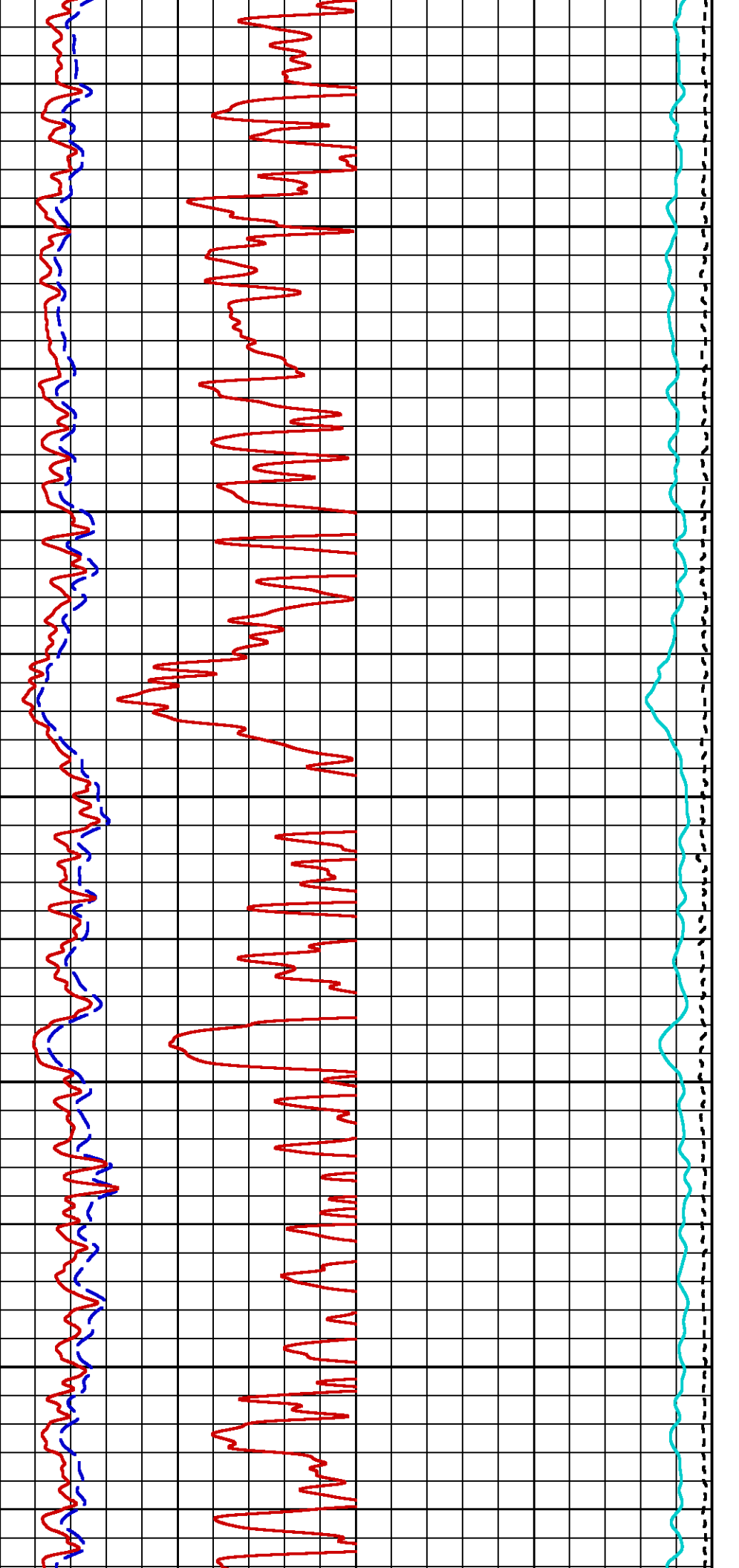
1400

1500

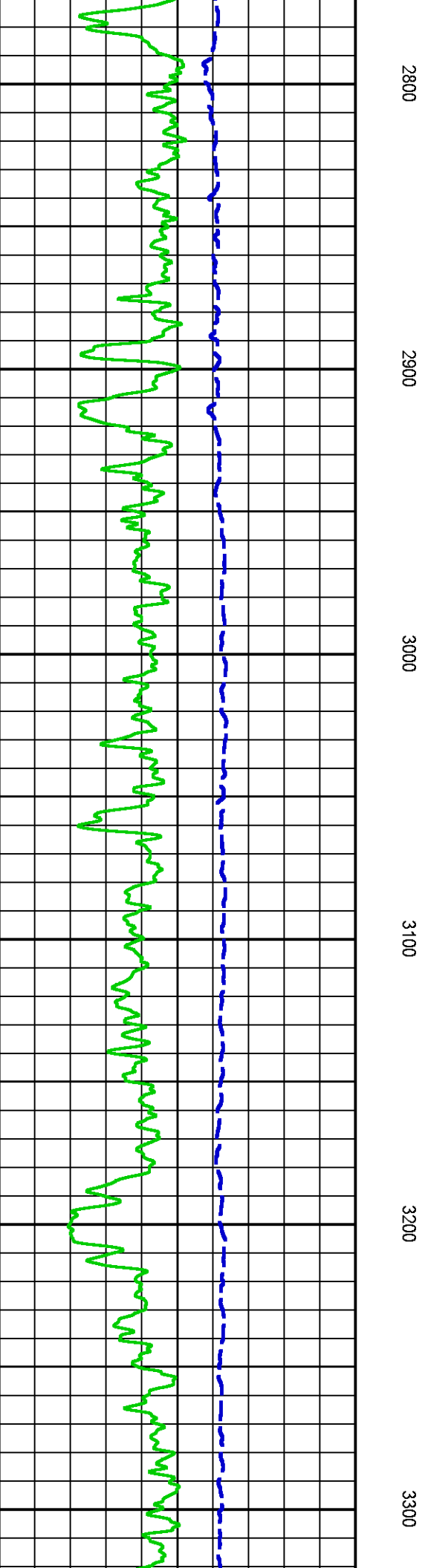
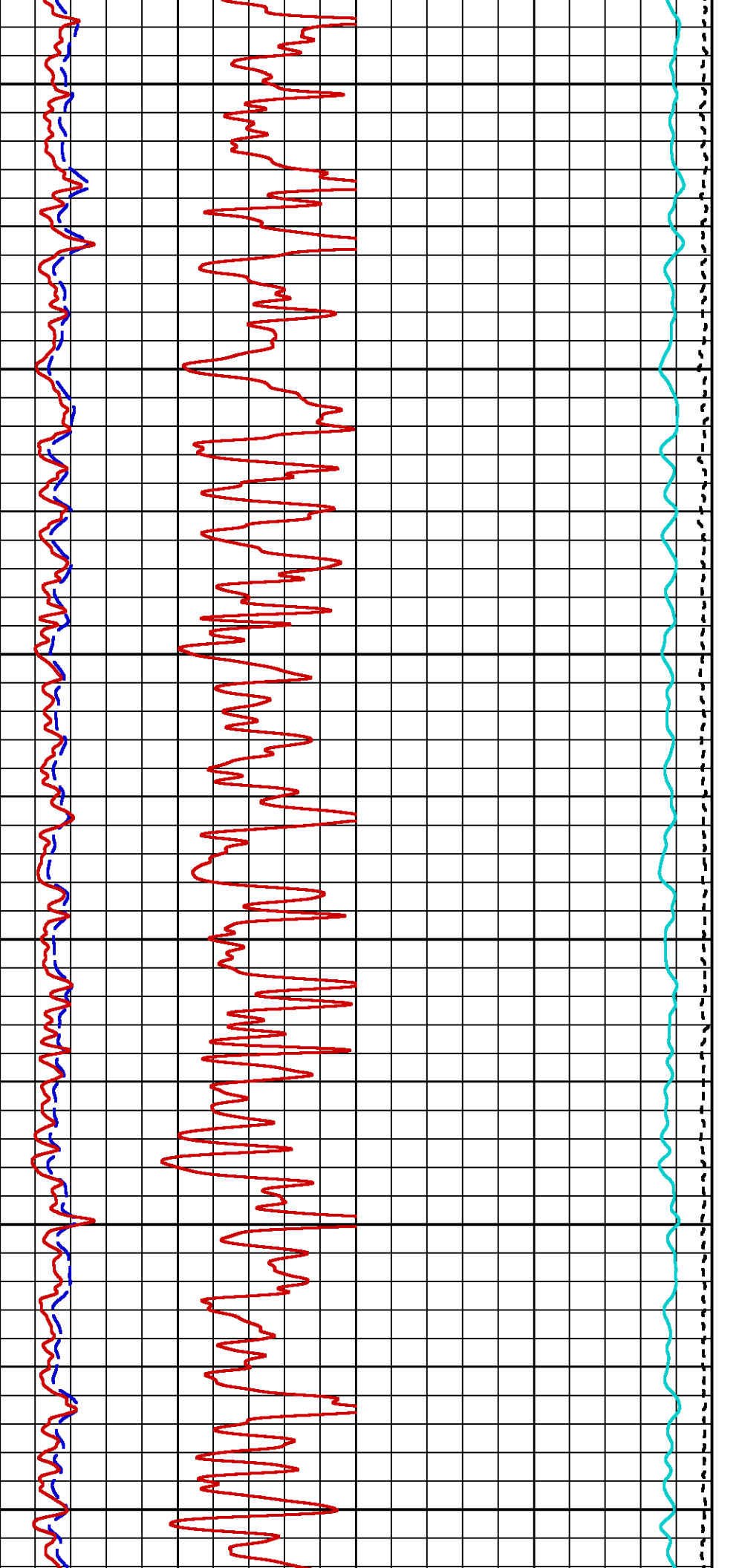
1600

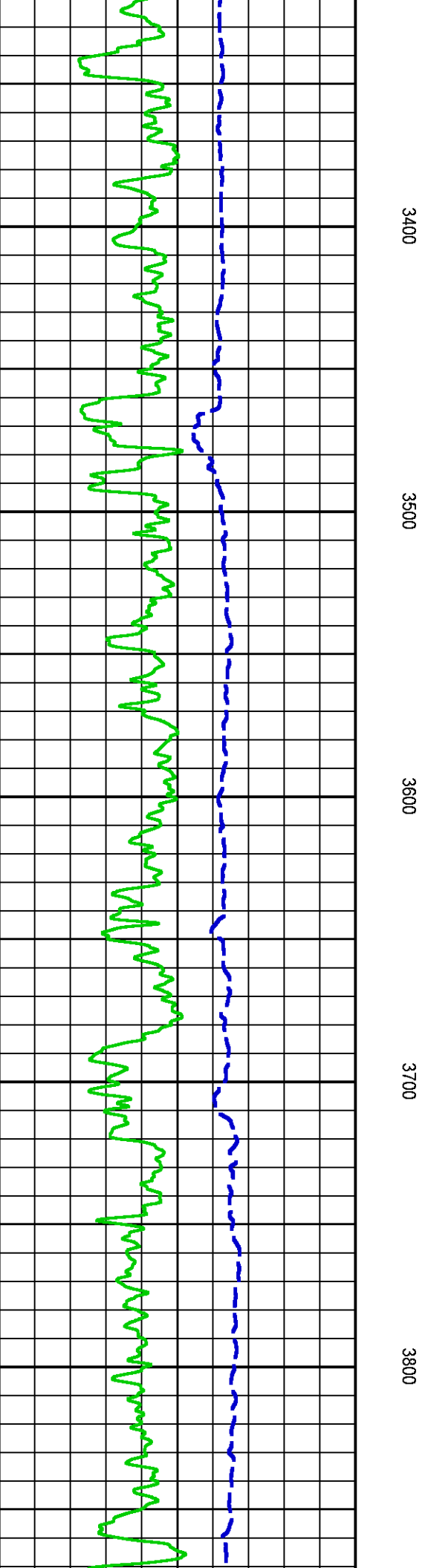
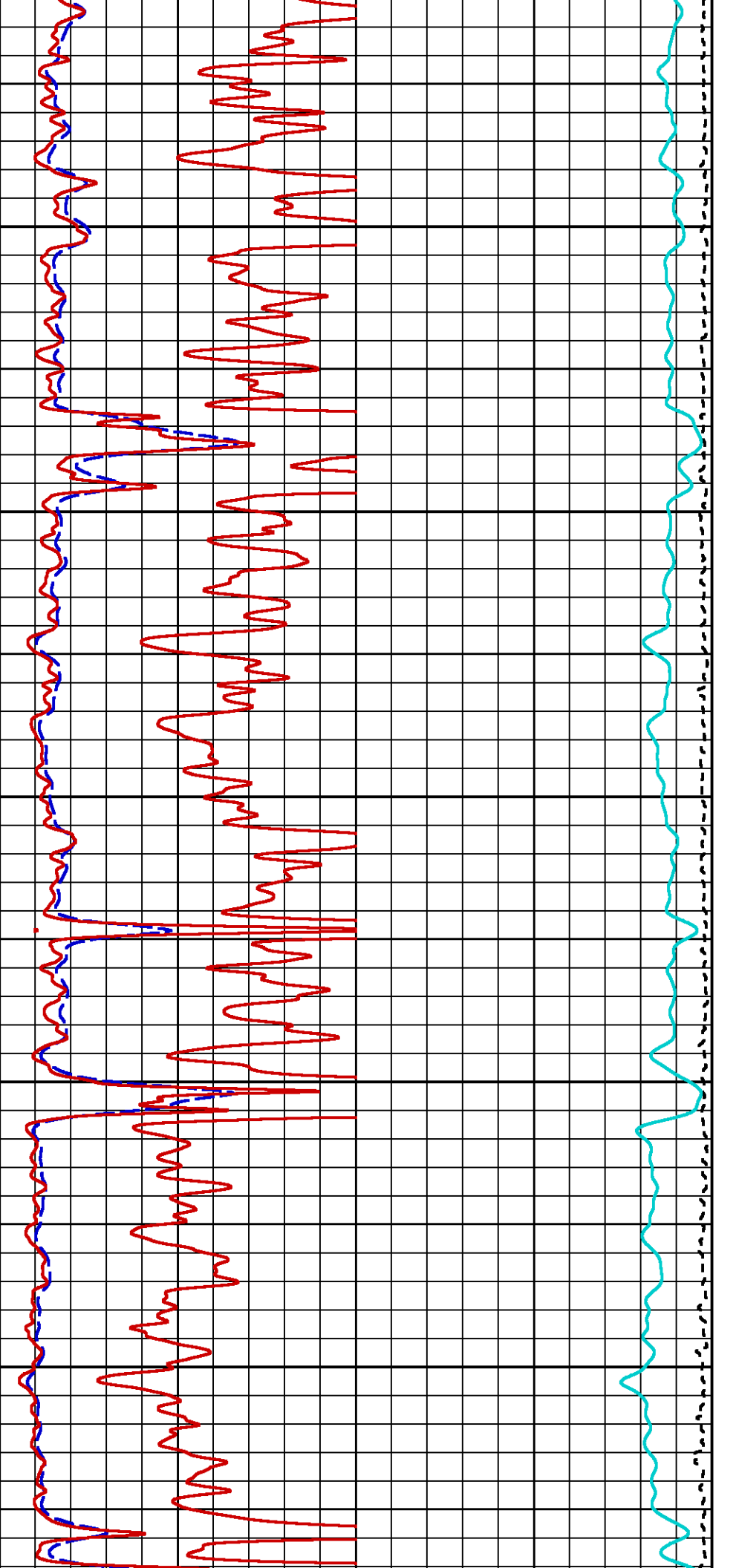


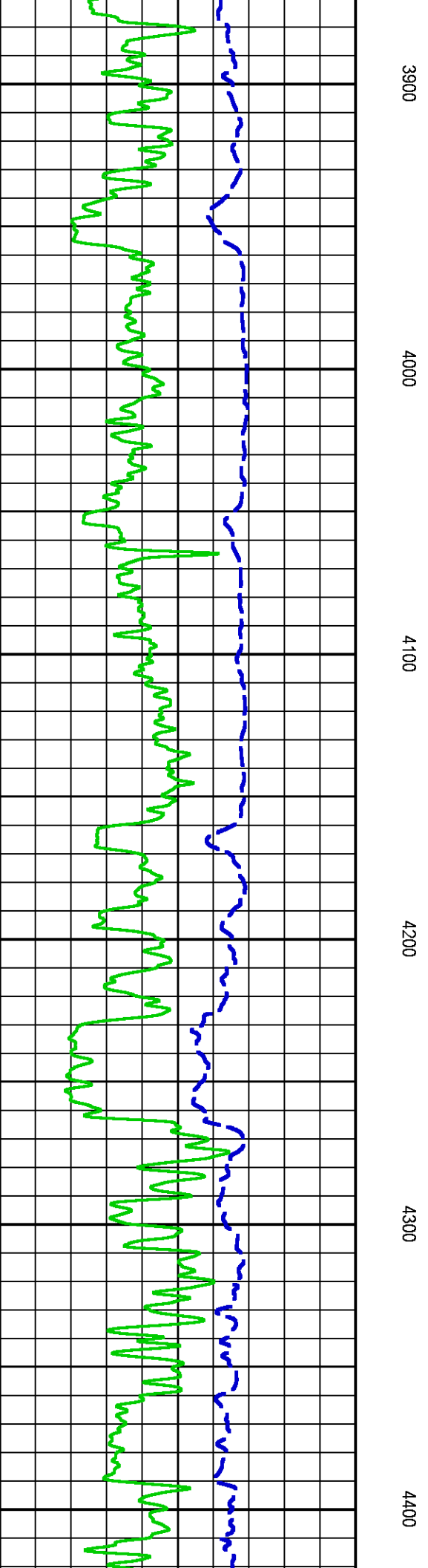
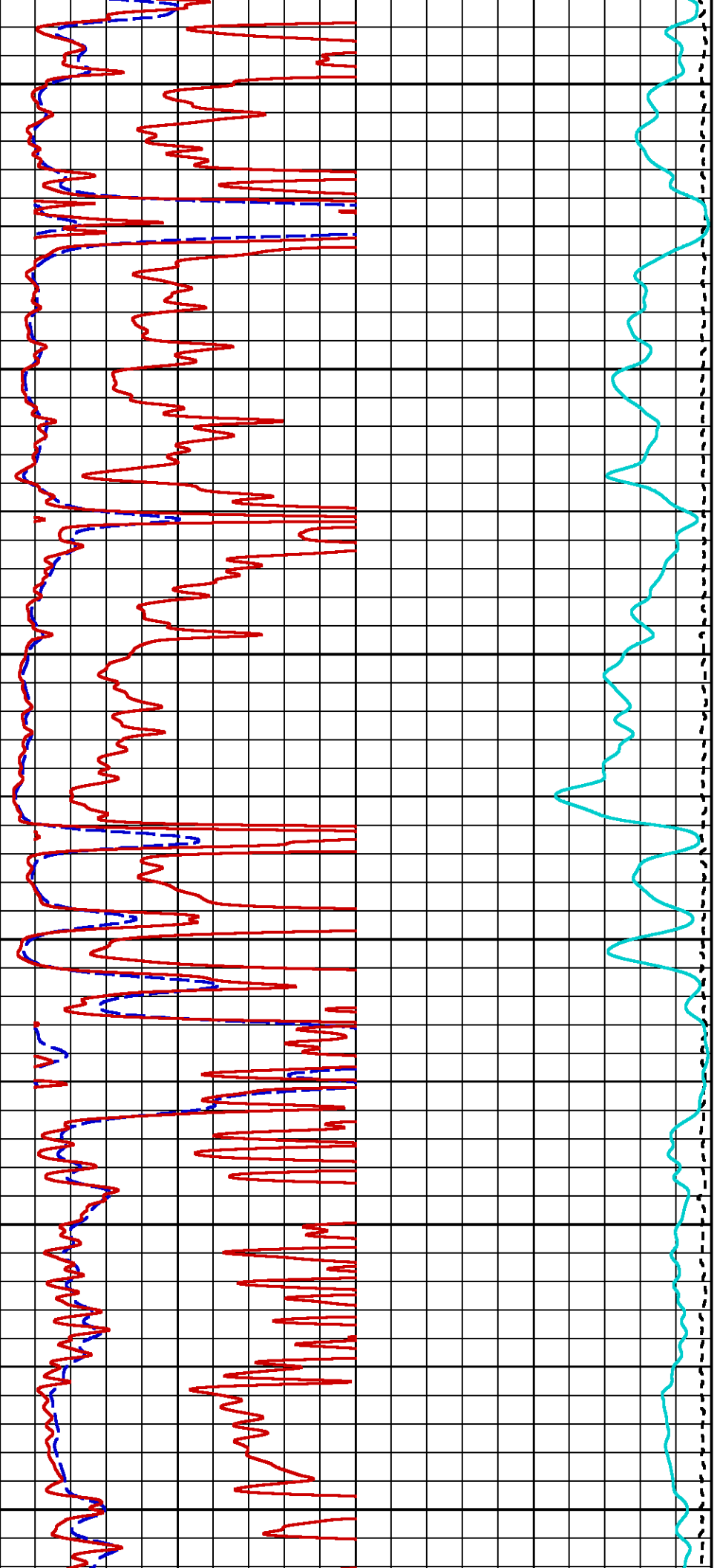


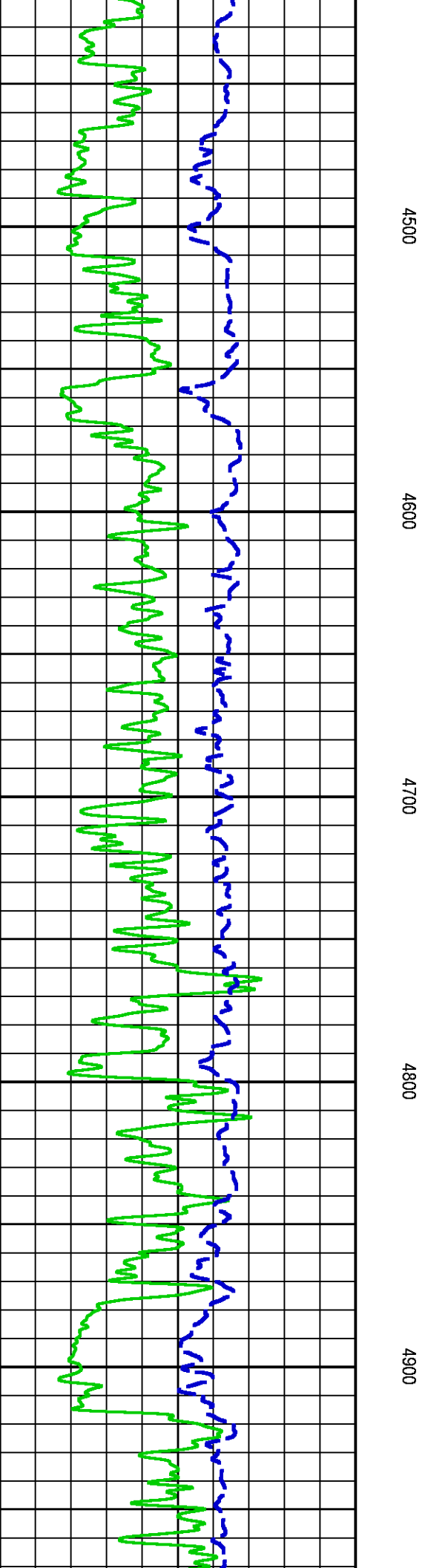
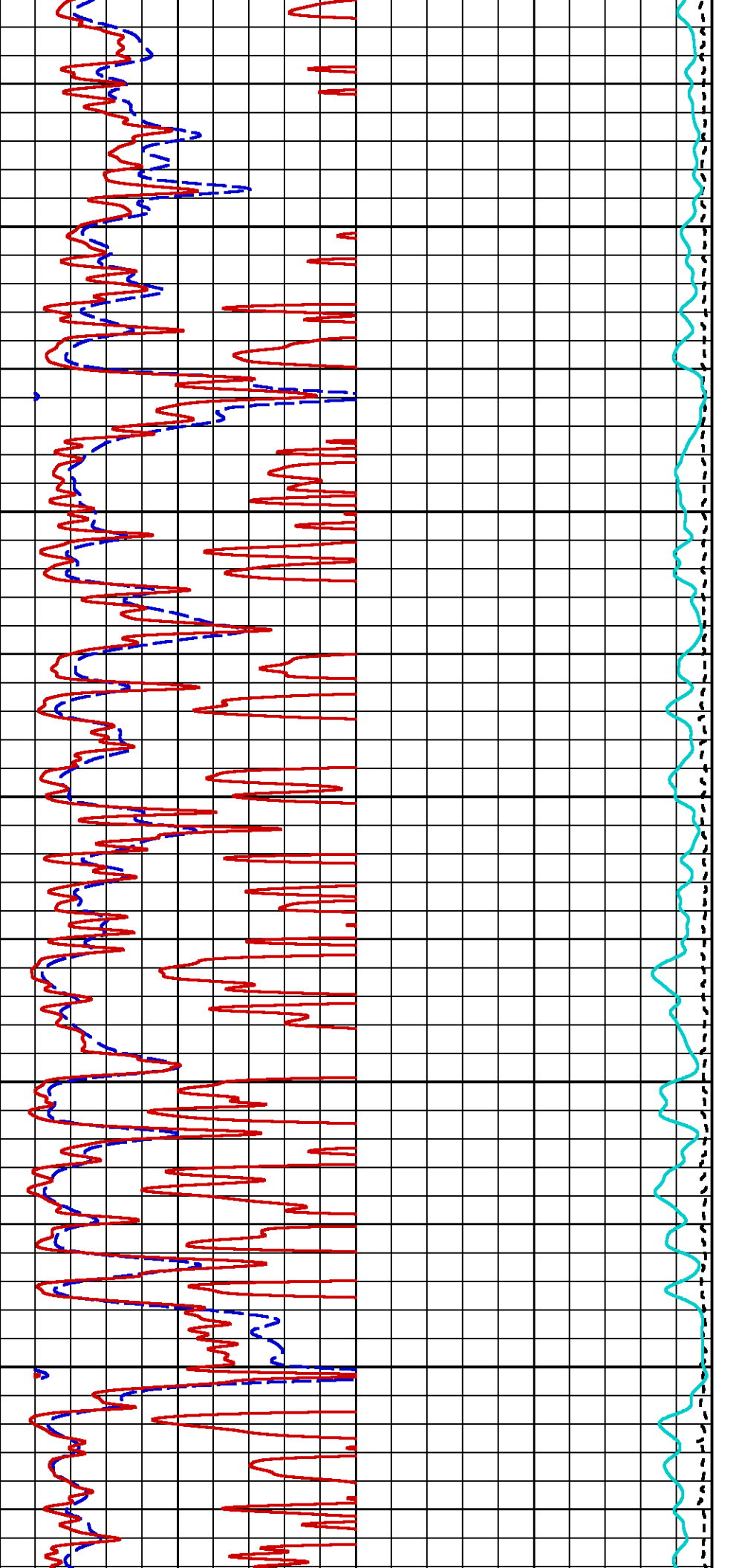


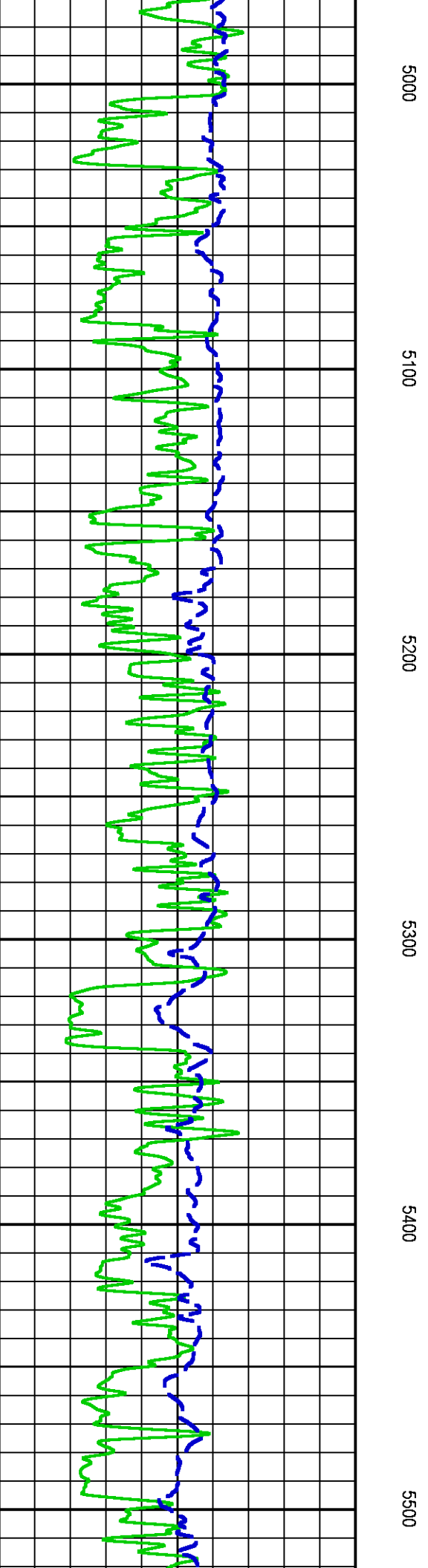
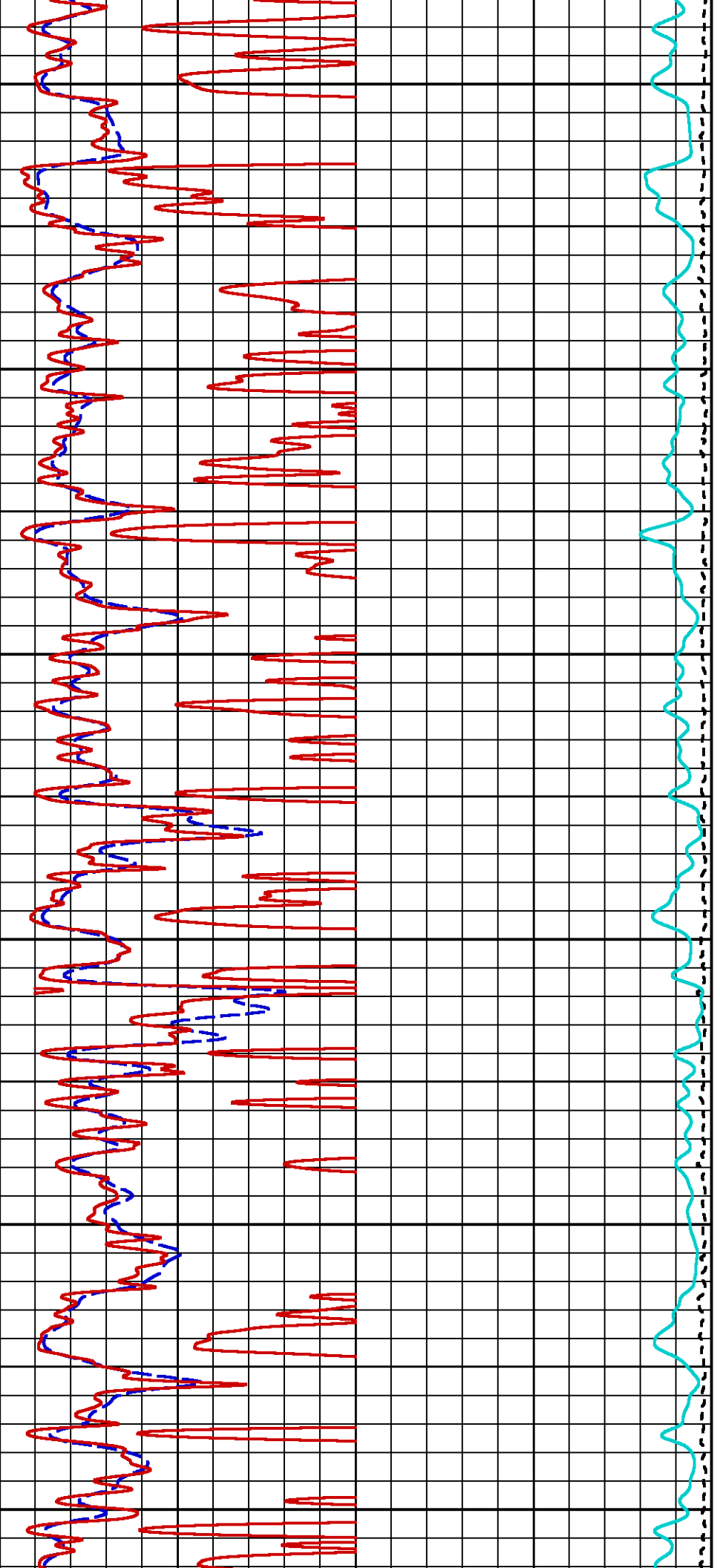


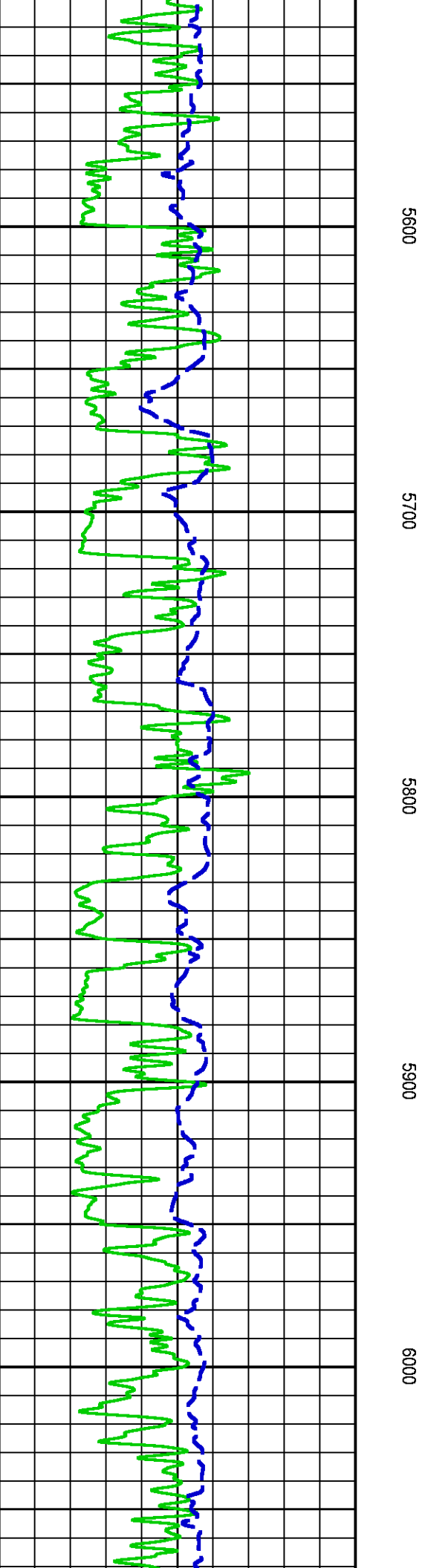
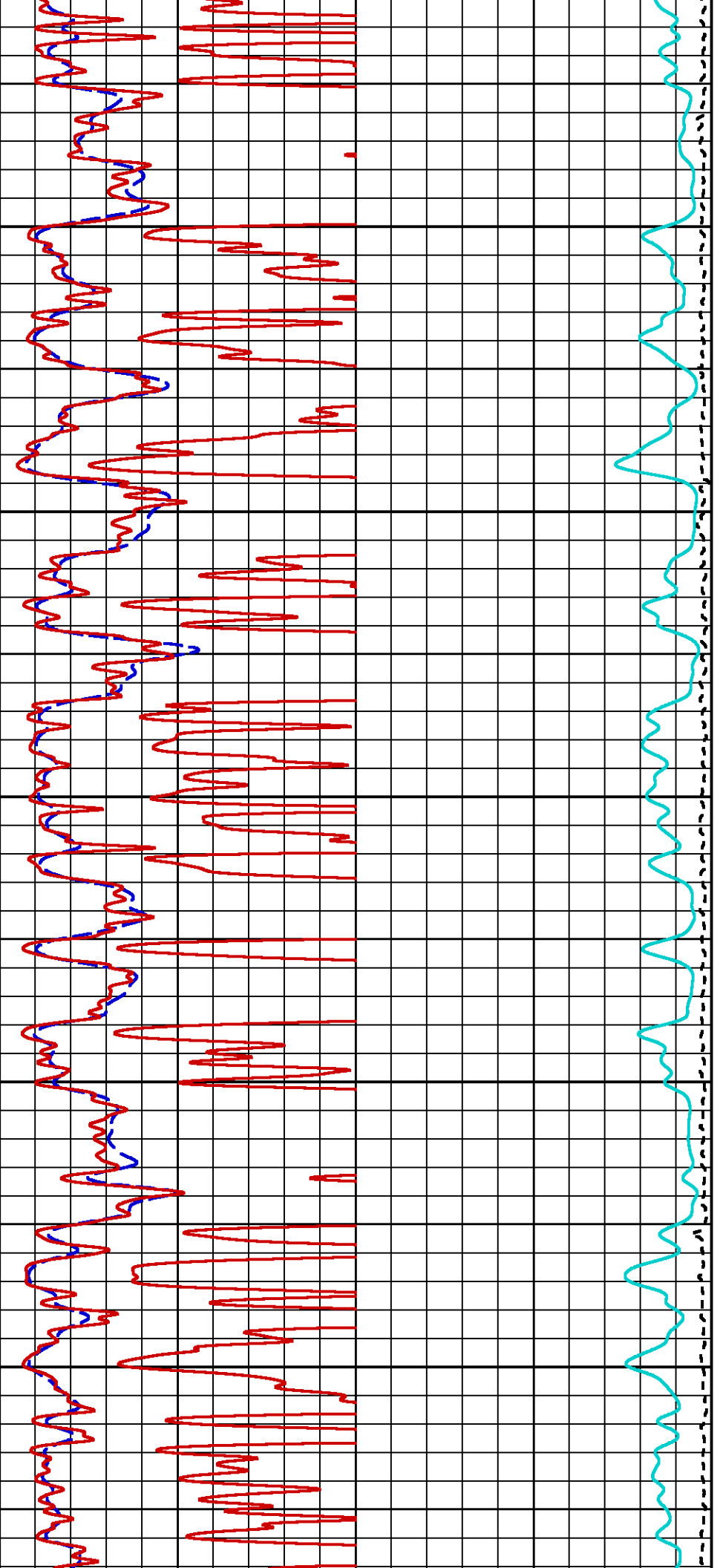


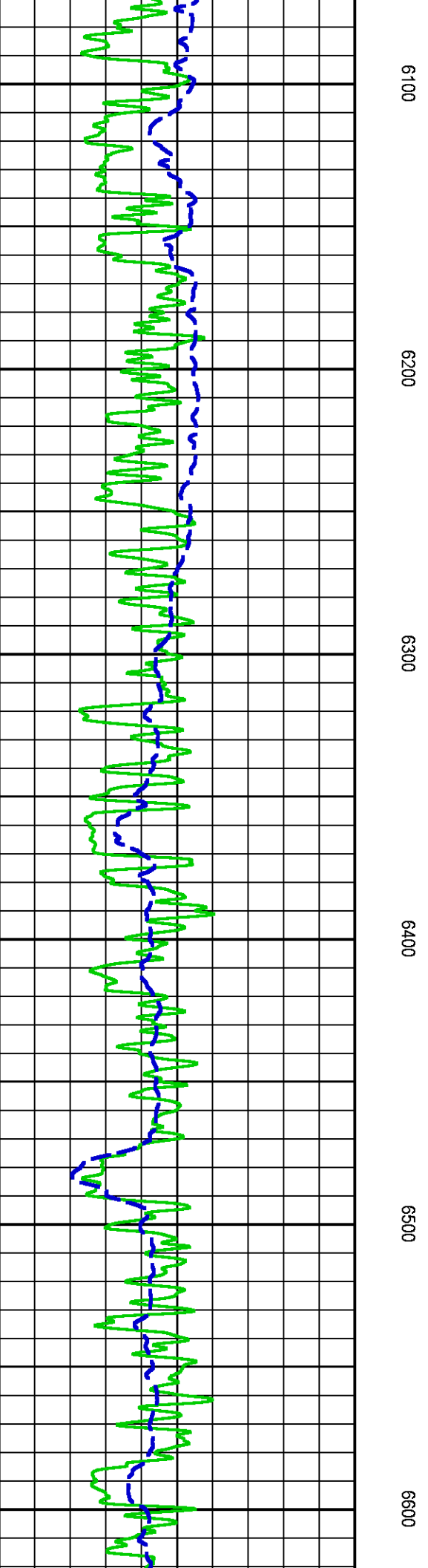
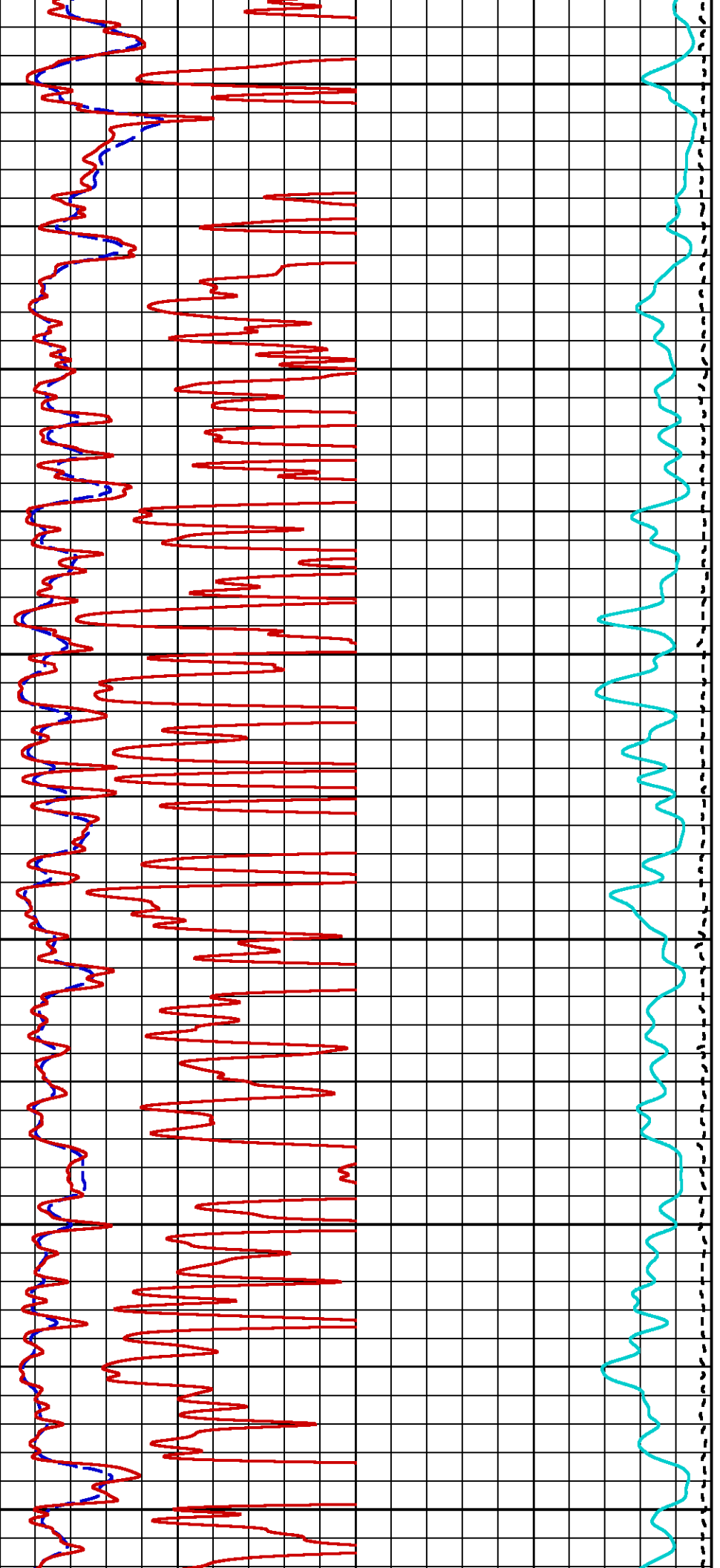


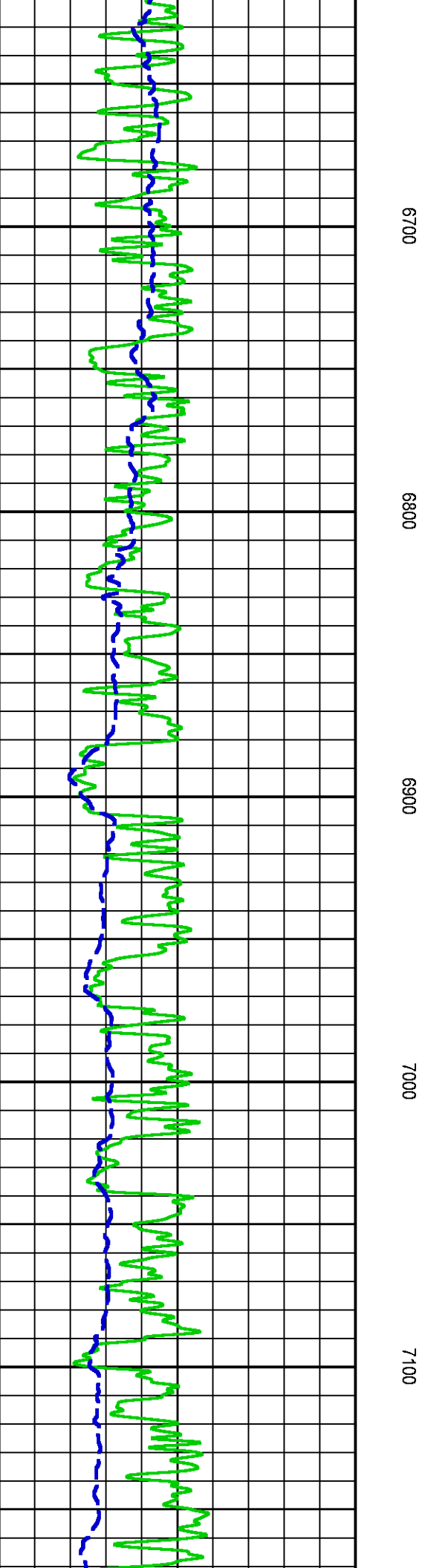
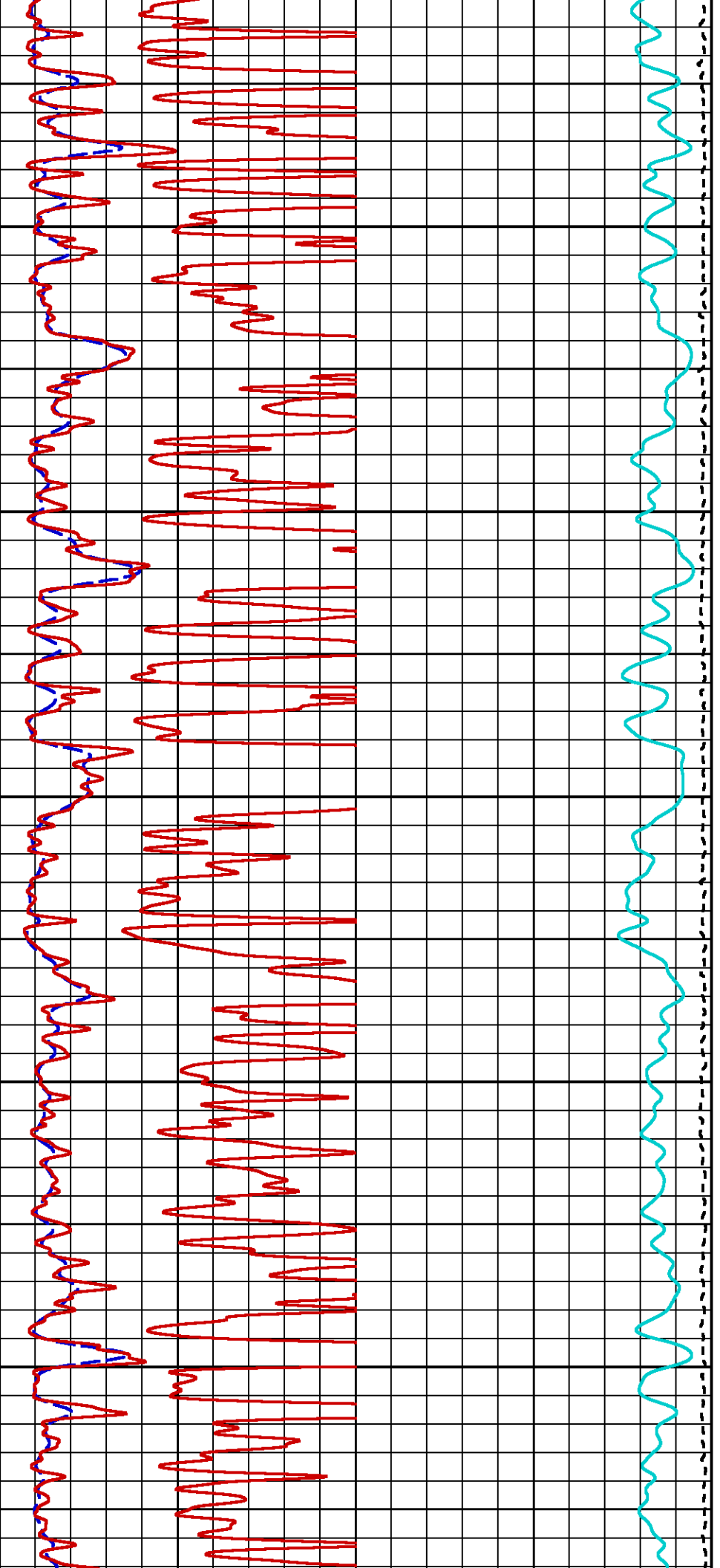




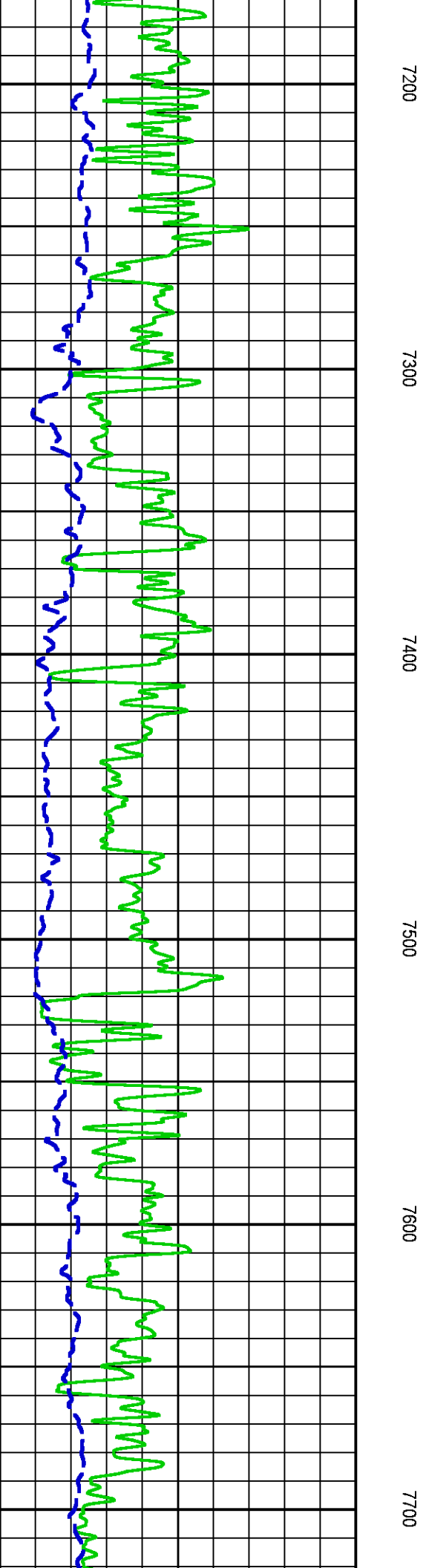
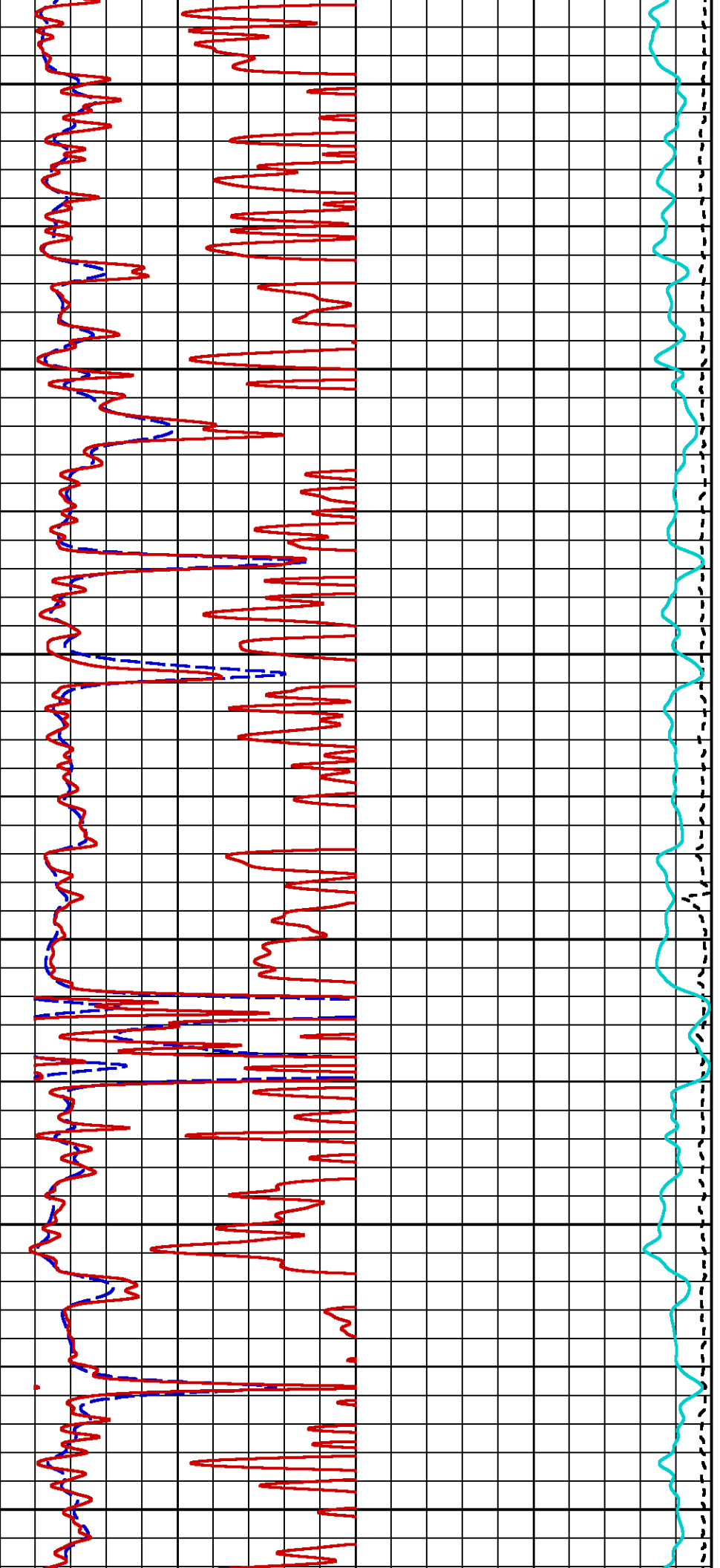


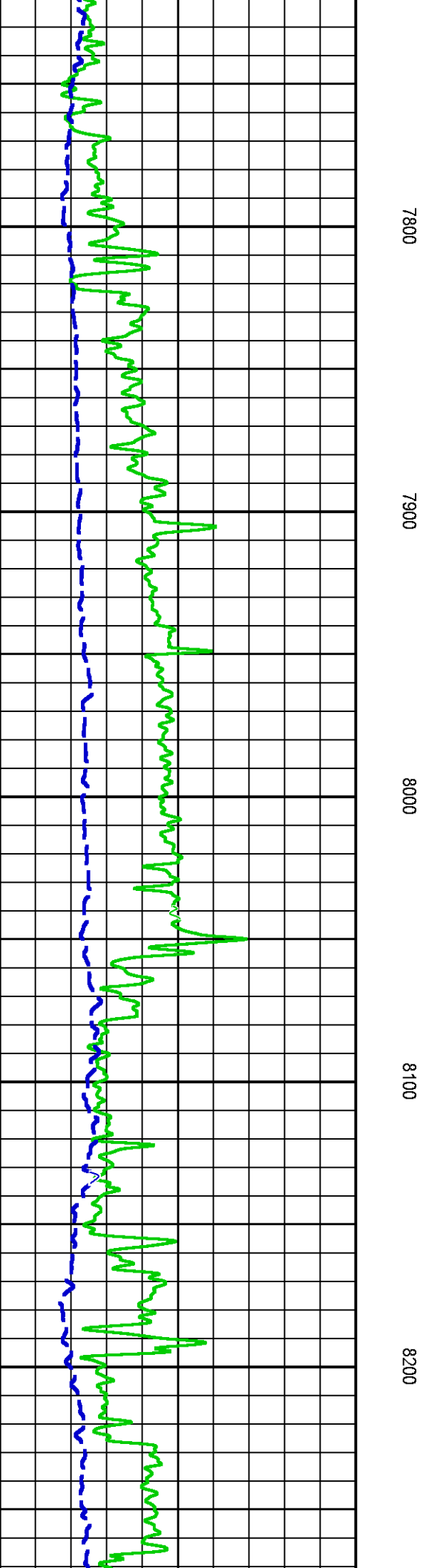
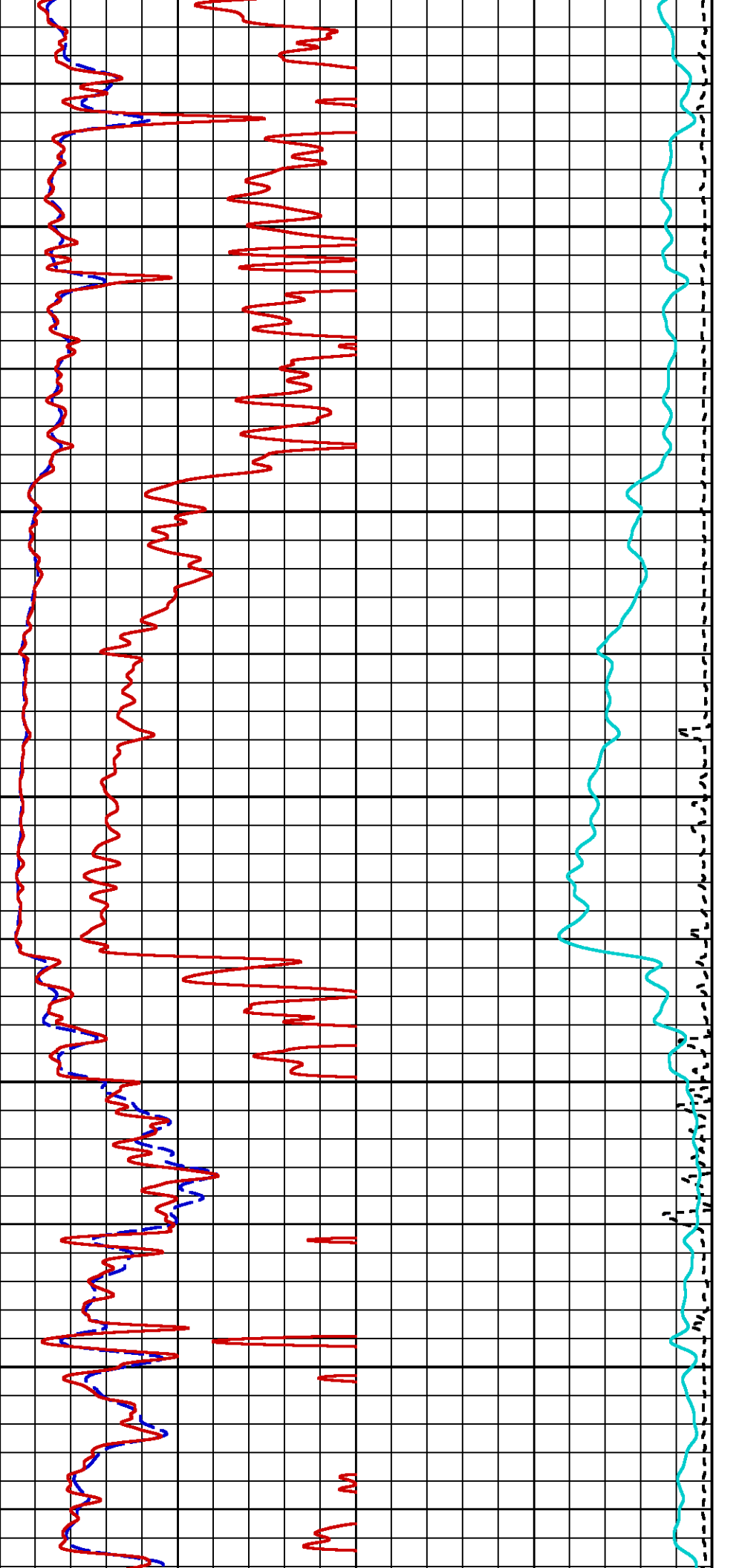


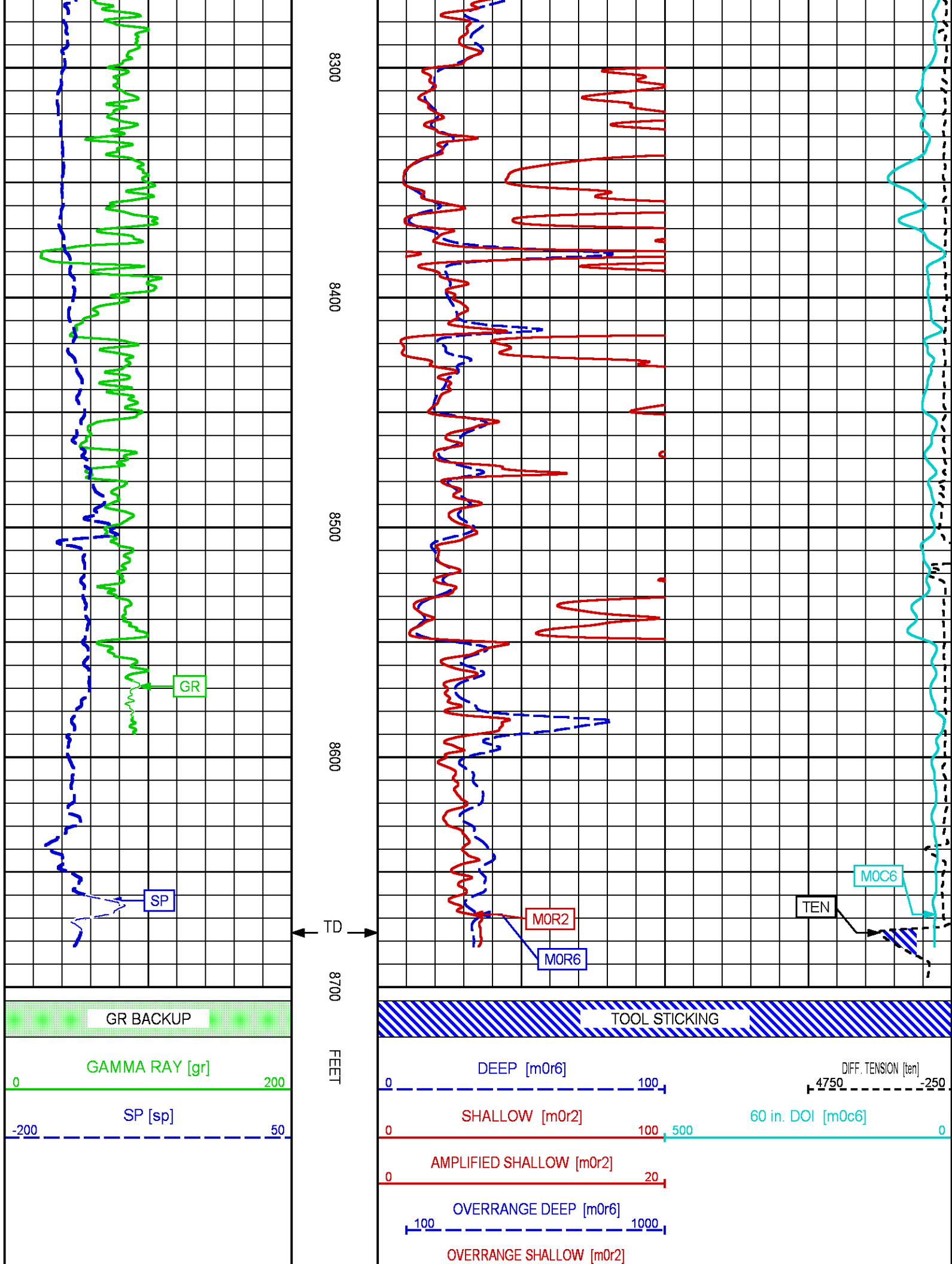












# MAIN LOG 5"/100FT SCALE

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

Plotted: Fri Jun 6 13:43:22 2014

## PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/OH086479/n777q~04.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 1950.500 ft BOTTOM DEPTH: 8694.892 ft

### SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TTRM	FILTER ( )	medium (1)		TOP	BOTTOM
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
Y AXIS CALIPER	FILTER ( )	medium (1)		"	"
TENSION	FILTER ( )	medium (1)		"	"
GR	FILTER ( )	medium (1)		"	"
CN	FILTER ( )	medium (1)		"	"
CALIPER	FILTER ( )	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
ZDL MED RES	FILTER (hrd1*)	medium		"	"
	FILTER (hrd1s*)	medium		"	"
	FILTER (hrd2*)	medium		"	"
	FILTER (hrd2s*)	medium		"	"
	FILTER (soft*)	medium		"	"
SP-SPDH	FILTER ( )	heavy (3)		"	"

### BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	9.625	in	TOP	BOTTOM
	CASING THICKNESS	0.000	in	"	"
BIT SIZE	BIT SIZE	12.250	in	"	"
MUD SAMPLE RESISTIVITY	MUD SAMPLE TEMP	85.0	degF	"	"
	MUD SAMPLE RES	1.090	ohm.m	"	"
BOREHOLE TEMP from GRADIENT	Known BH REF TEMP	77.0	degF	"	"
	at BH REF DEPTH	0.0	ft	"	"
	with TEMP GRADIENT	1.200	0.01 degF/ft	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		"	"
	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (cnbh*)	12.250	in	"	"
	FIXED DIAMETER (mbh*)	12.250	in	"	"
BH MUD RESISTIVITY SOURCE	RMUD SOURCE (HDIL)	TOOL MEASURED		"	"

### CN PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
2446 CN MATRIX	2446 MATRIX	SANDSTONE		TOP	BOTTOM
CN SALINITY CORRECTION	SALINITY	1398	ppm	"	"
CN TOOL STANDOFF	ENABLE STANDOFF CORR	OFF		"	"
	STANDOFF AMOUNT	0.00	in	"	"
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		"	"
	BIT SIZE BEHIND CSNG	13.375	in	"	"

### ZDL PROCESSING

## ZDL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
DENSITY POROSITY	RHOmatrix	2.680	g/cm3	TOP	BOTTOM
	RHOfluid	1.000	g/cm3	"	"
ZDL	DENX TRACKING	ON		"	"

## HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"
	ABC to CALCULATE	STANDOFF		"	"
	STANDOFF	1.50	in	"	"
	TOOL POSITION	ECCENTERED		"	"
	Rmud MULTIPLIER	1.000		"	"

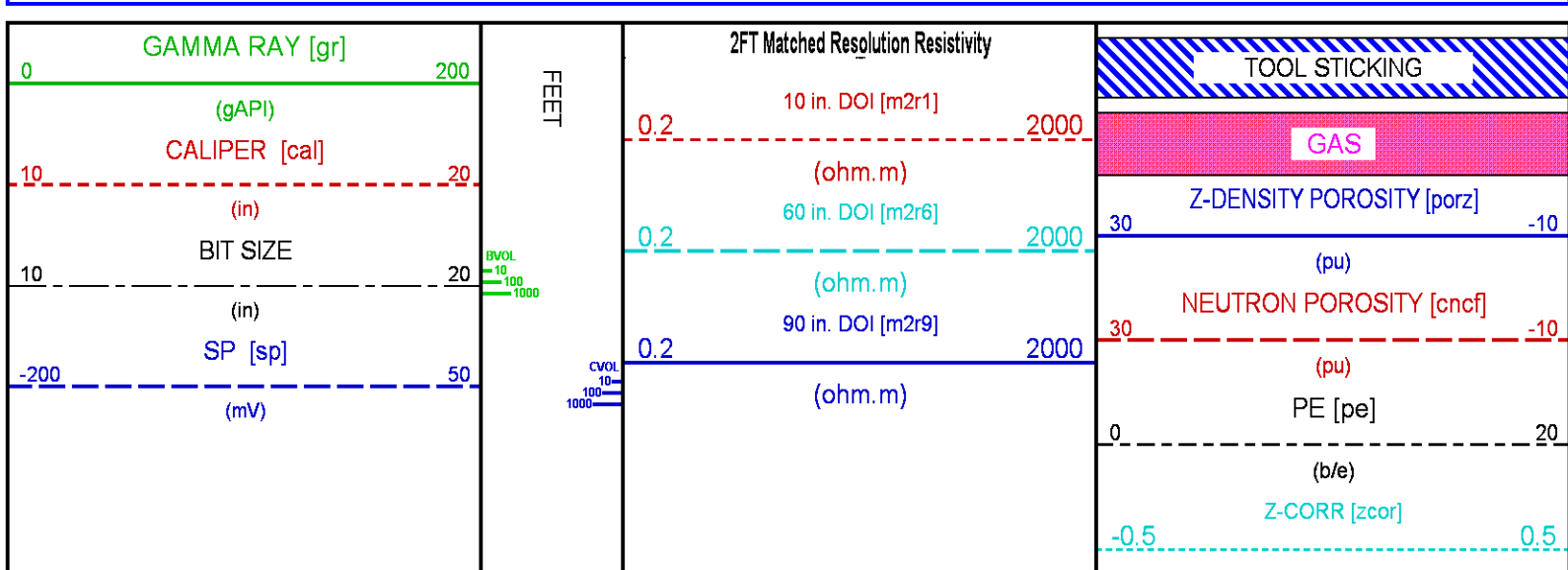
## CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Jun 6 03:53:06 2014	BIT SIZE
F1:BVOL	Jun 6 03:53:06 2014	BOREHOLE VOLUME
F1:CAL	Jun 6 03:53:06 2014	CALIPER
F1:CNCF	Jun 6 03:53:06 2014	FIELD NORMALIZED COMPENSATED NEUTRON POROSITY
F1:CVOL	Jun 6 03:53:06 2014	CEMENT VOLUME
F1:GR	Jun 6 03:53:06 2014	GAMMA RAY
F1:M2R1	Jun 6 03:53:06 2014	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 10-INCH DOI
F1:M2R6	Jun 6 03:53:06 2014	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 60-INCH DOI
F1:M2R9	Jun 6 03:53:06 2014	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 90-INCH DOI
F1:PE	Jun 6 03:53:06 2014	PHOTO ELECTRIC CROSS-SECTION
F1:PORZ	Jun 6 03:53:06 2014	POROSITY FOR SELECTABLE MATRIX
F1:SP	Jun 6 03:53:06 2014	SPONTANEOUS POTENTIAL
F1:TEN	Jun 6 03:53:06 2014	DIFFERENTIAL TENSION
F1:ZCOR	Jun 6 03:53:06 2014	DENSITY CORRECTION

## CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	GR	107.25	M2R9	8.00	SP	14.00
CAL	90.00	M2R1	8.00	PE	89.25	TEN	0.00
CNCF	100.25	M2R6	8.00	PORZ	89.25	ZCOR	89.25

<b>Presentation</b>	: HL6670:WPX_MAIN.fvpdf [5"/100' Scale]
<b>Plot Interval</b>	: -32.25 - 8699 Feet
<b>Data File 1</b>	: F1 : HL6670:/dat1a/OH086479/n777q~04.xtf
<b>Created On</b>	: Jun 6 08:27:24 2014
<b>Company</b>	: WPX ENERGY INC
<b>Well</b>	: PUCKETT LAND COMPANY PA 744-26
<b>Field</b>	: PARACHUTE
<b>File Interval</b>	: -32.25 - 8699 Feet
<b>OCT</b>	: n777q~



(g/cm<sup>3</sup>)

DIFF. TENSION [ten]

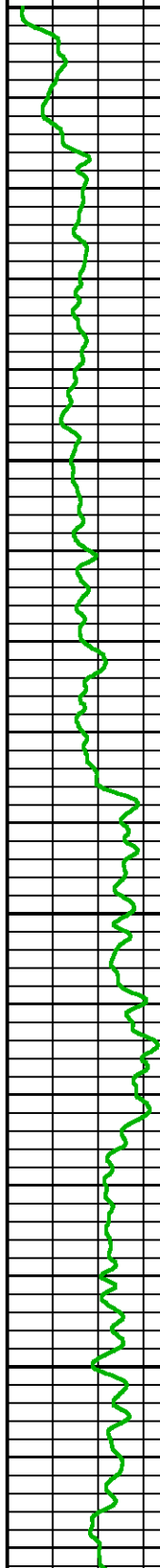
4750

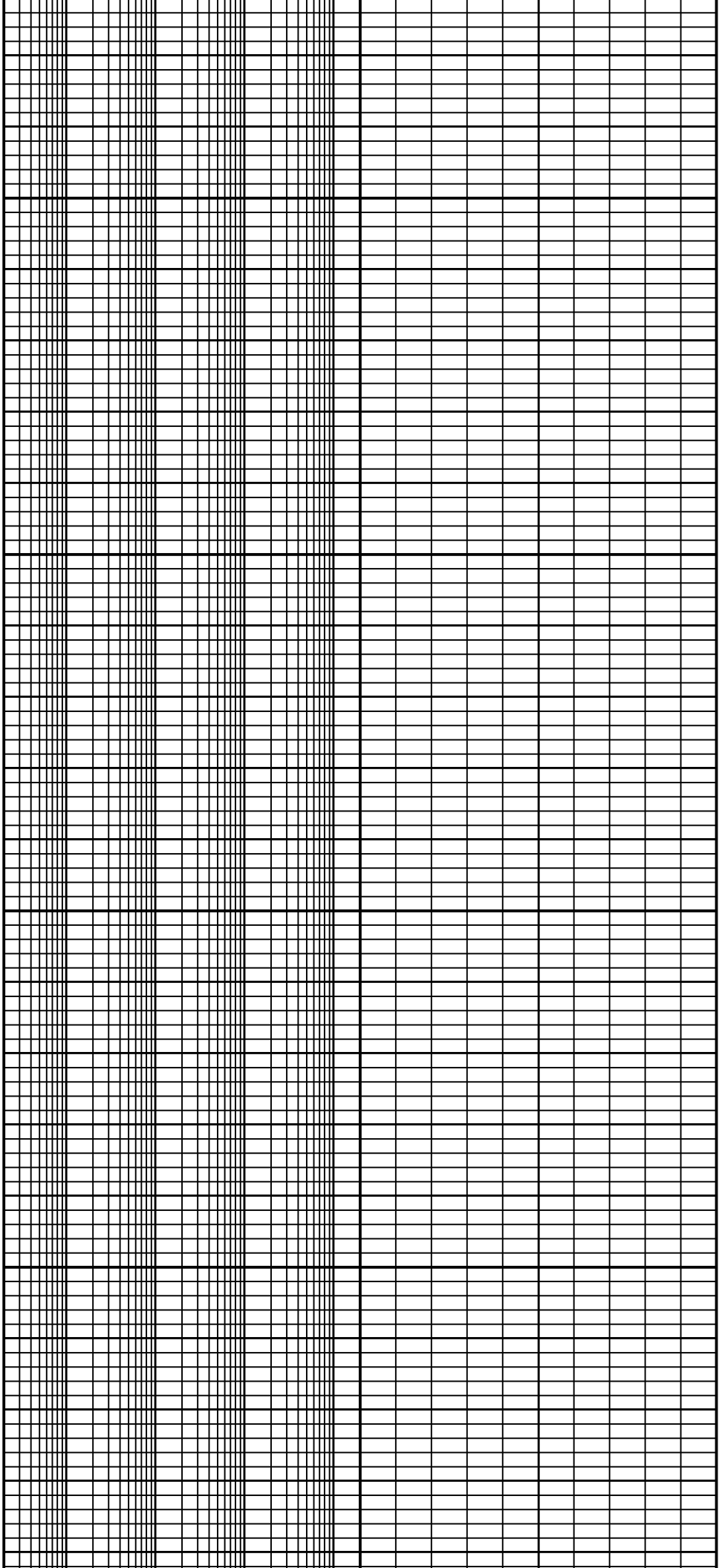
-250

(lbf)

0

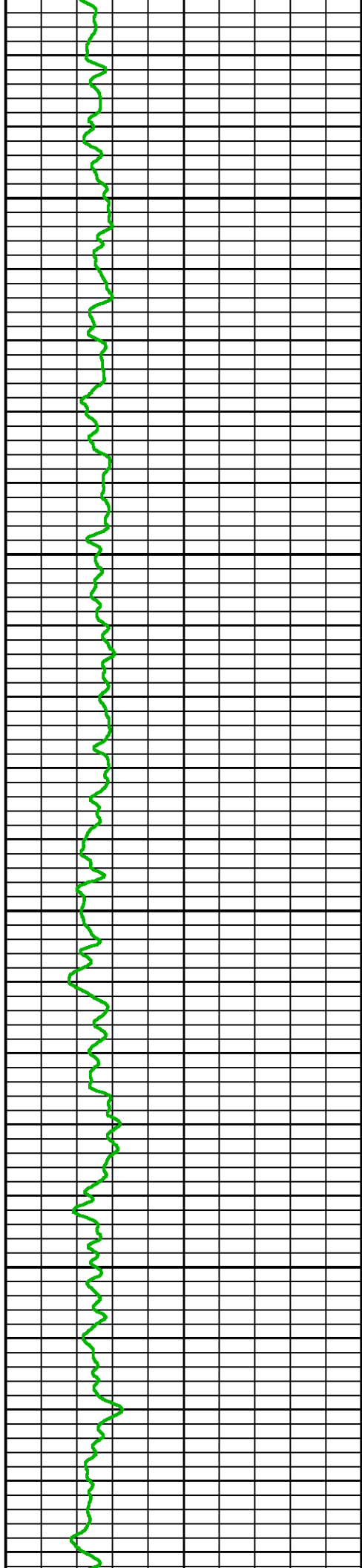
100

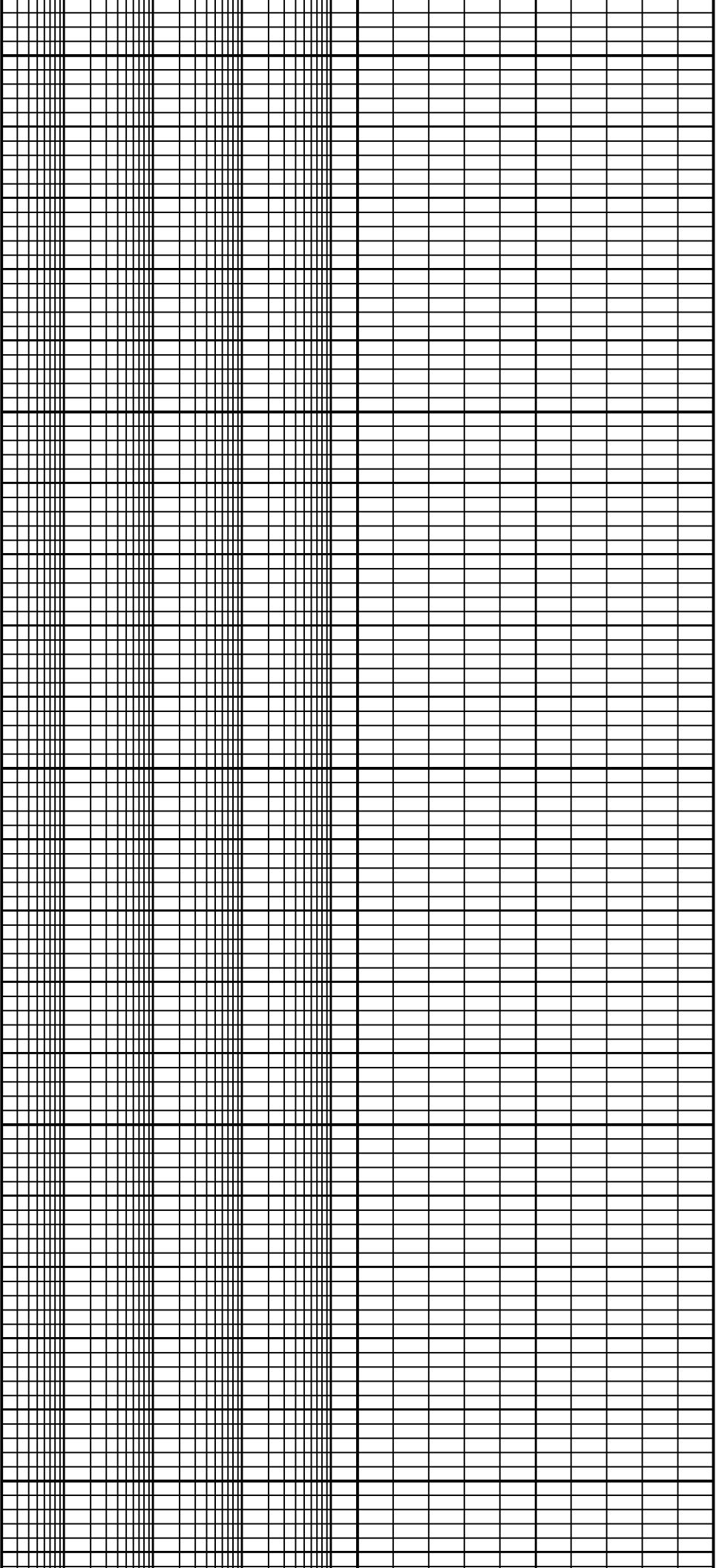




200

300

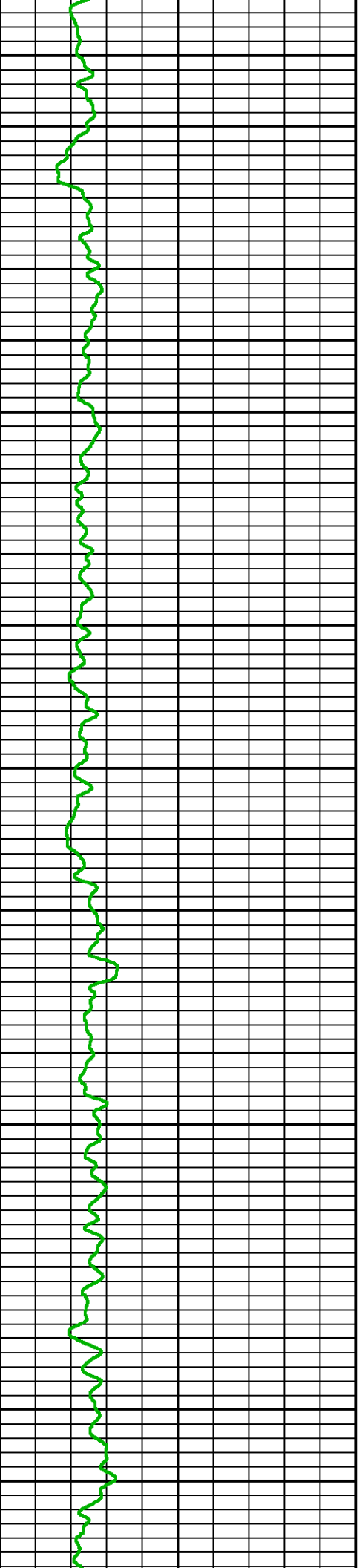




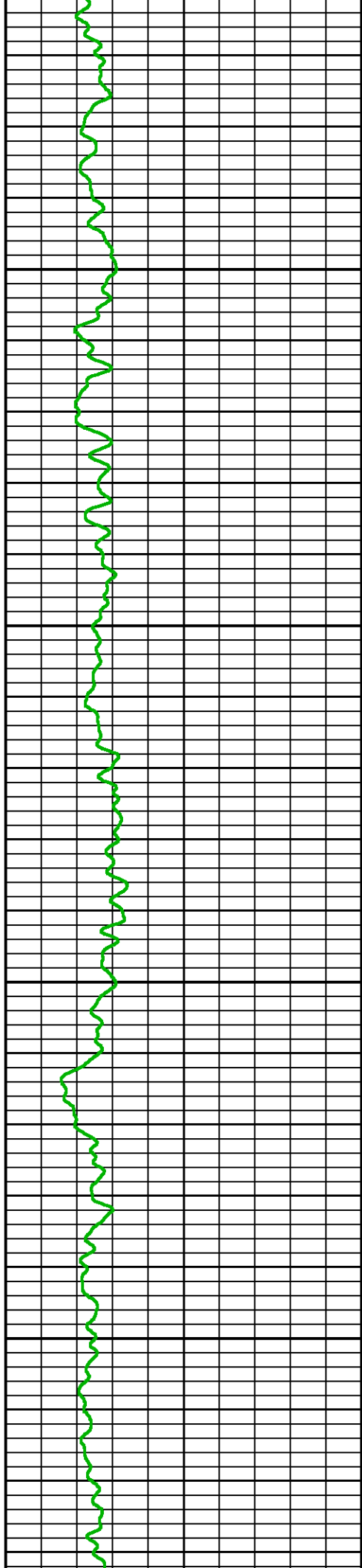
400

500

600

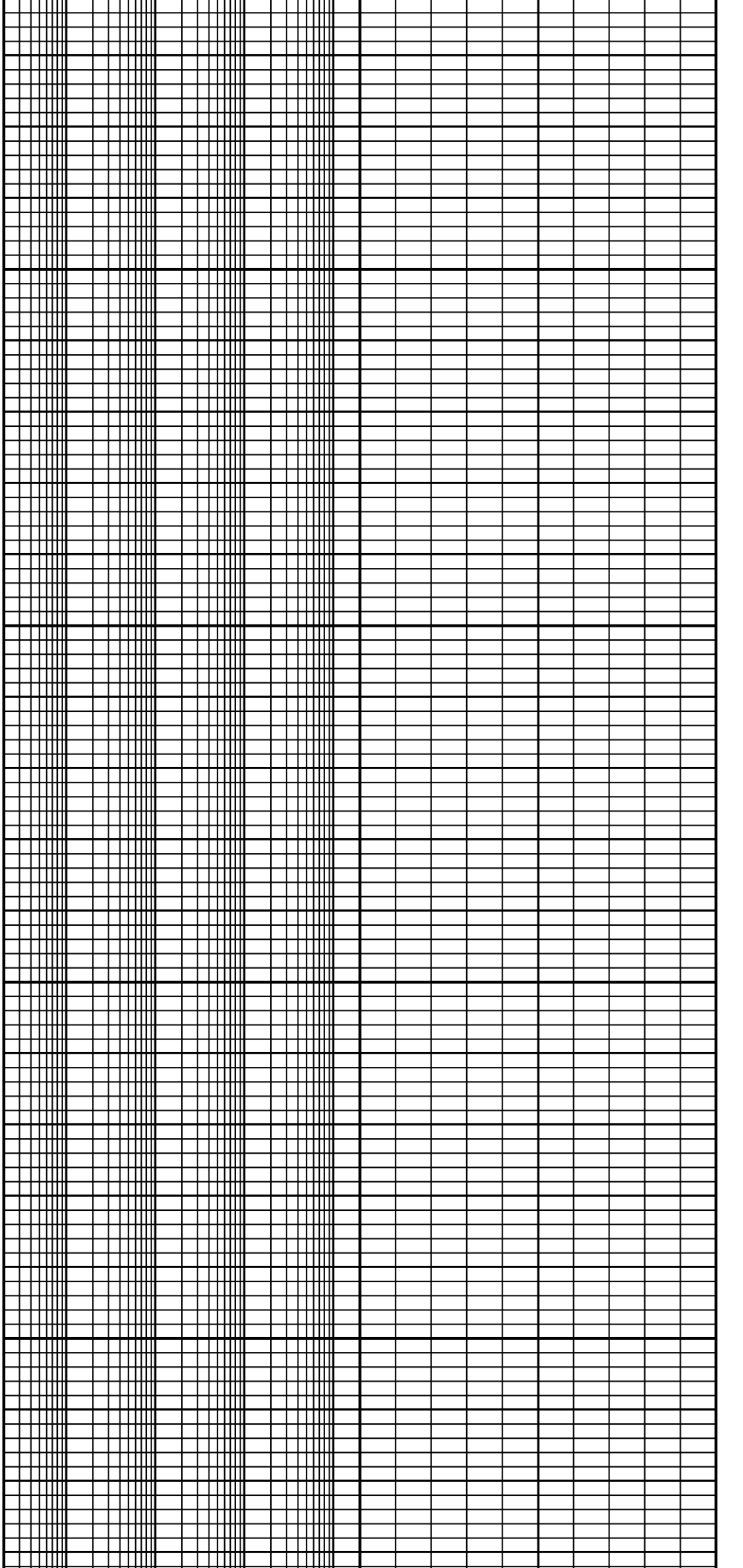


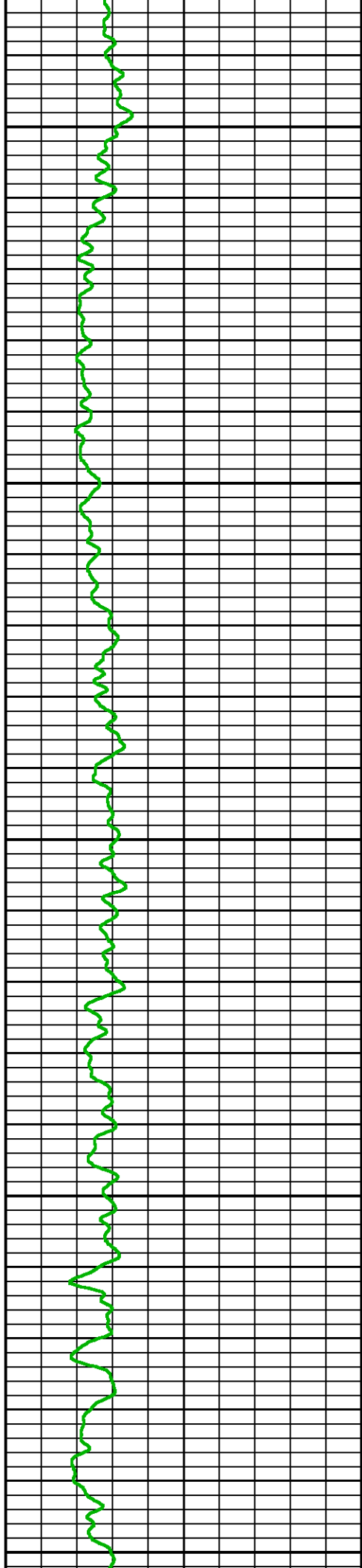




700

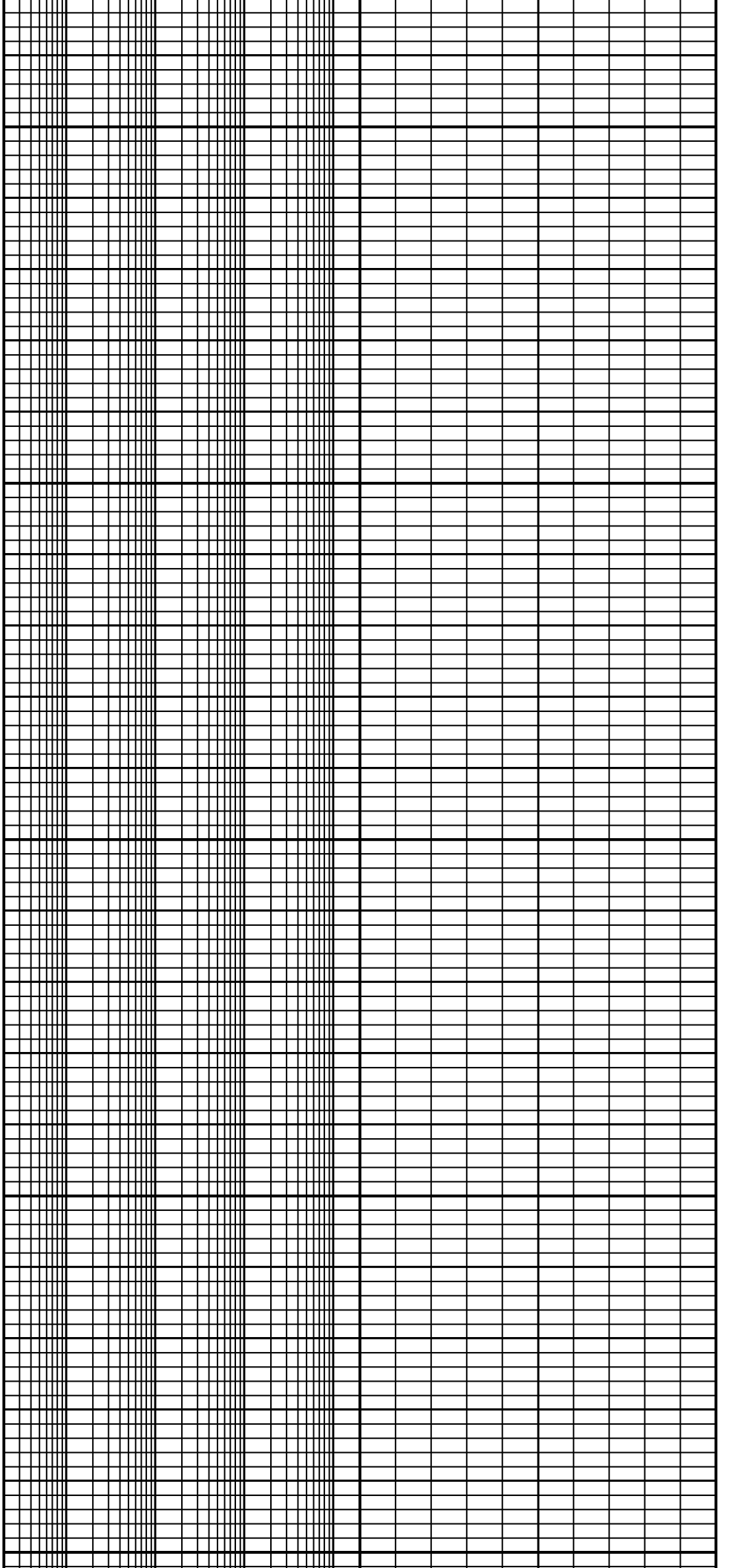
800





900

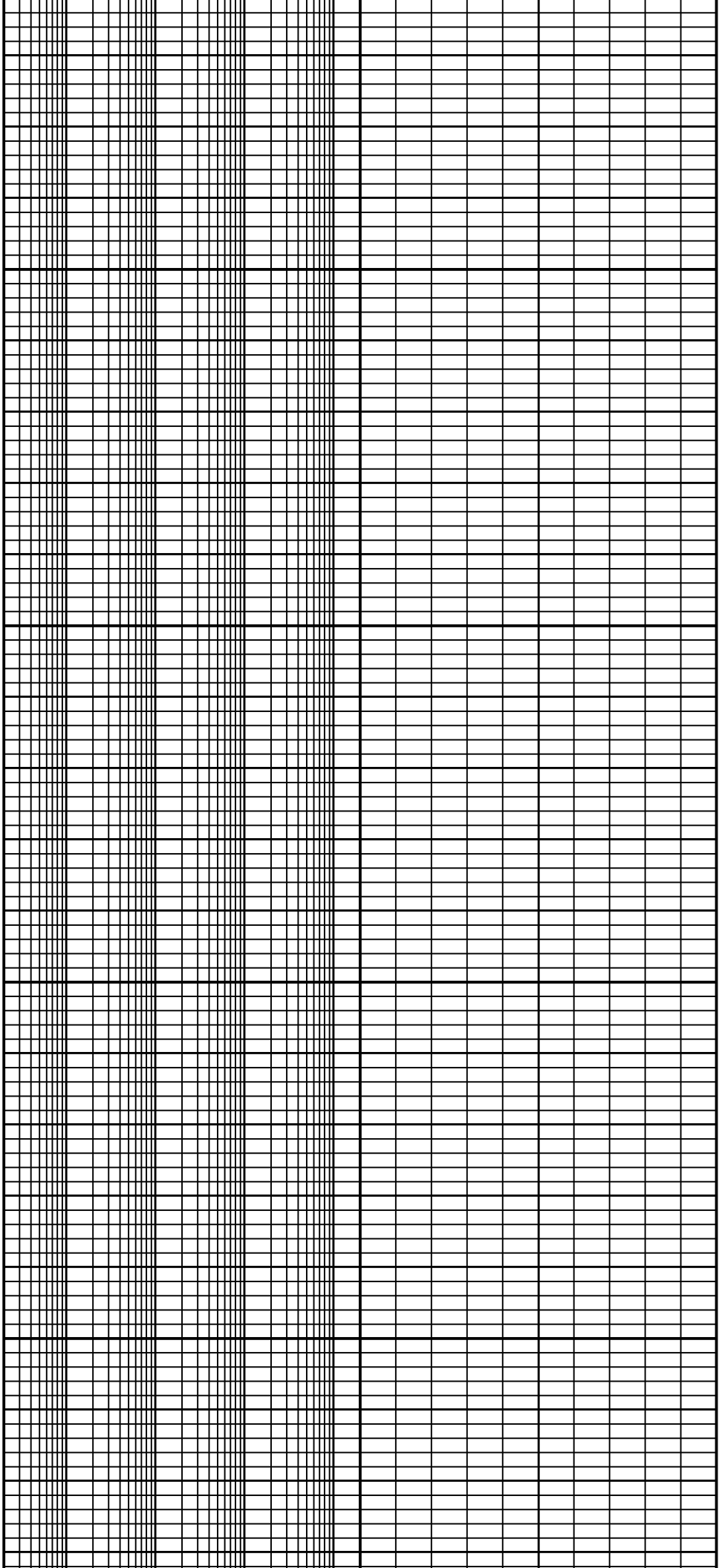
1000





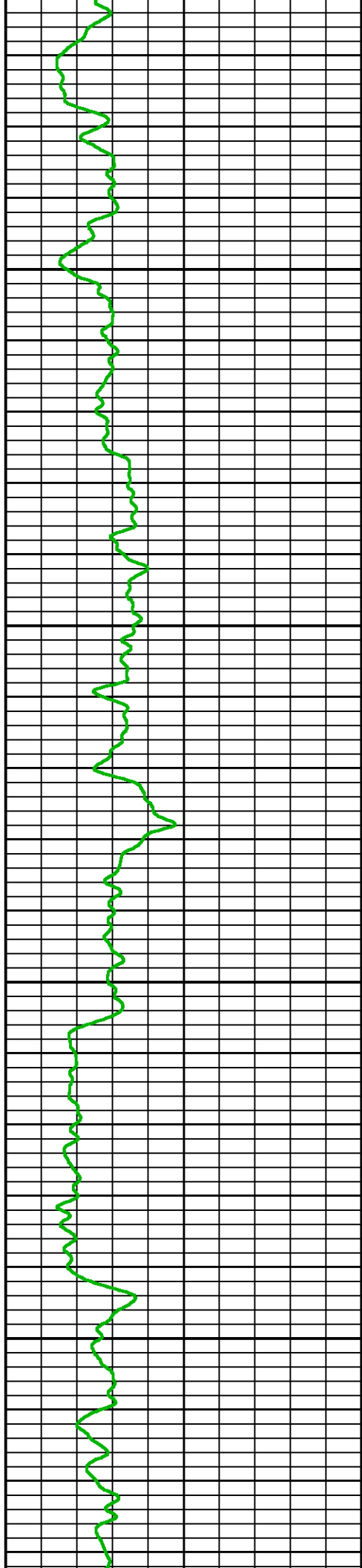


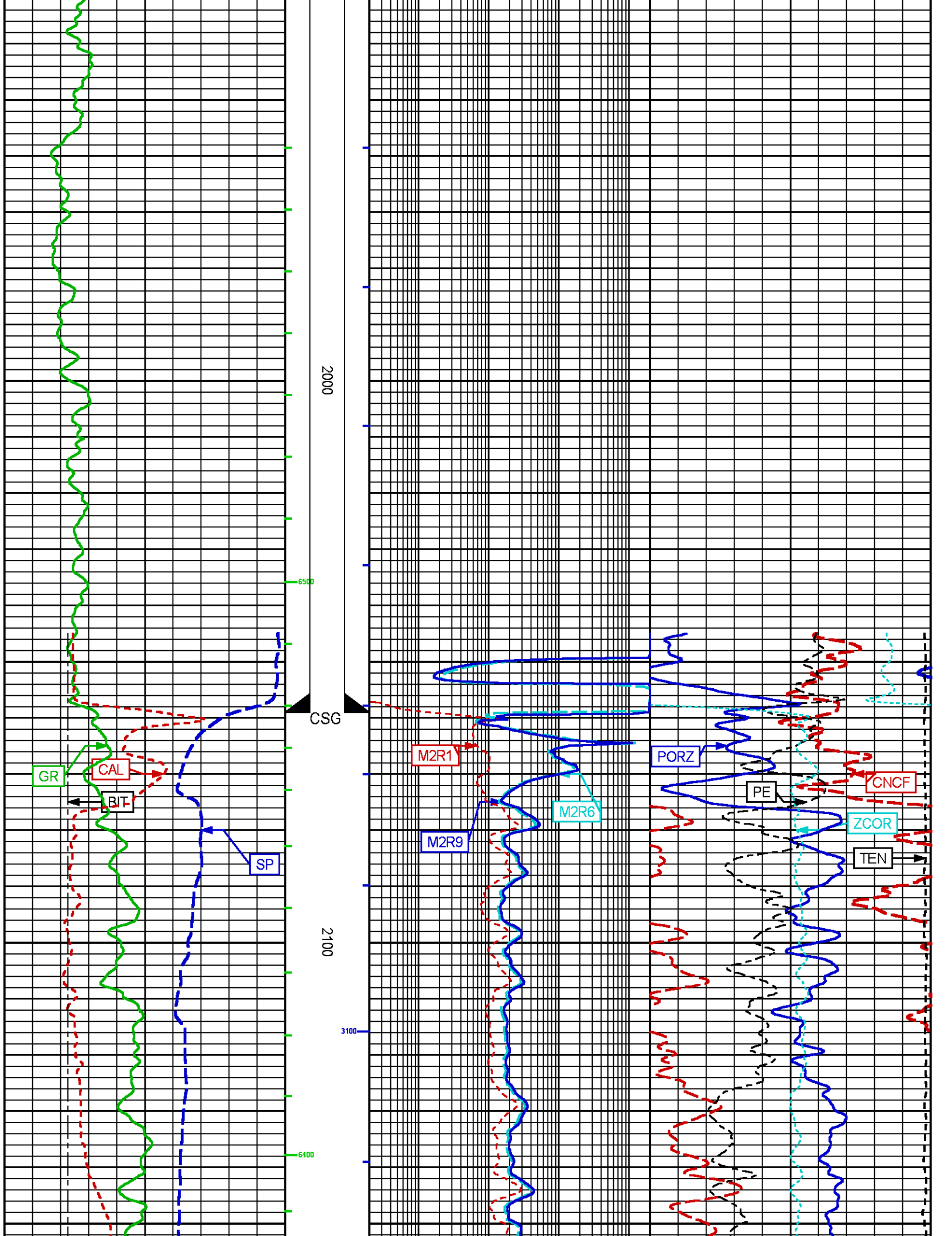


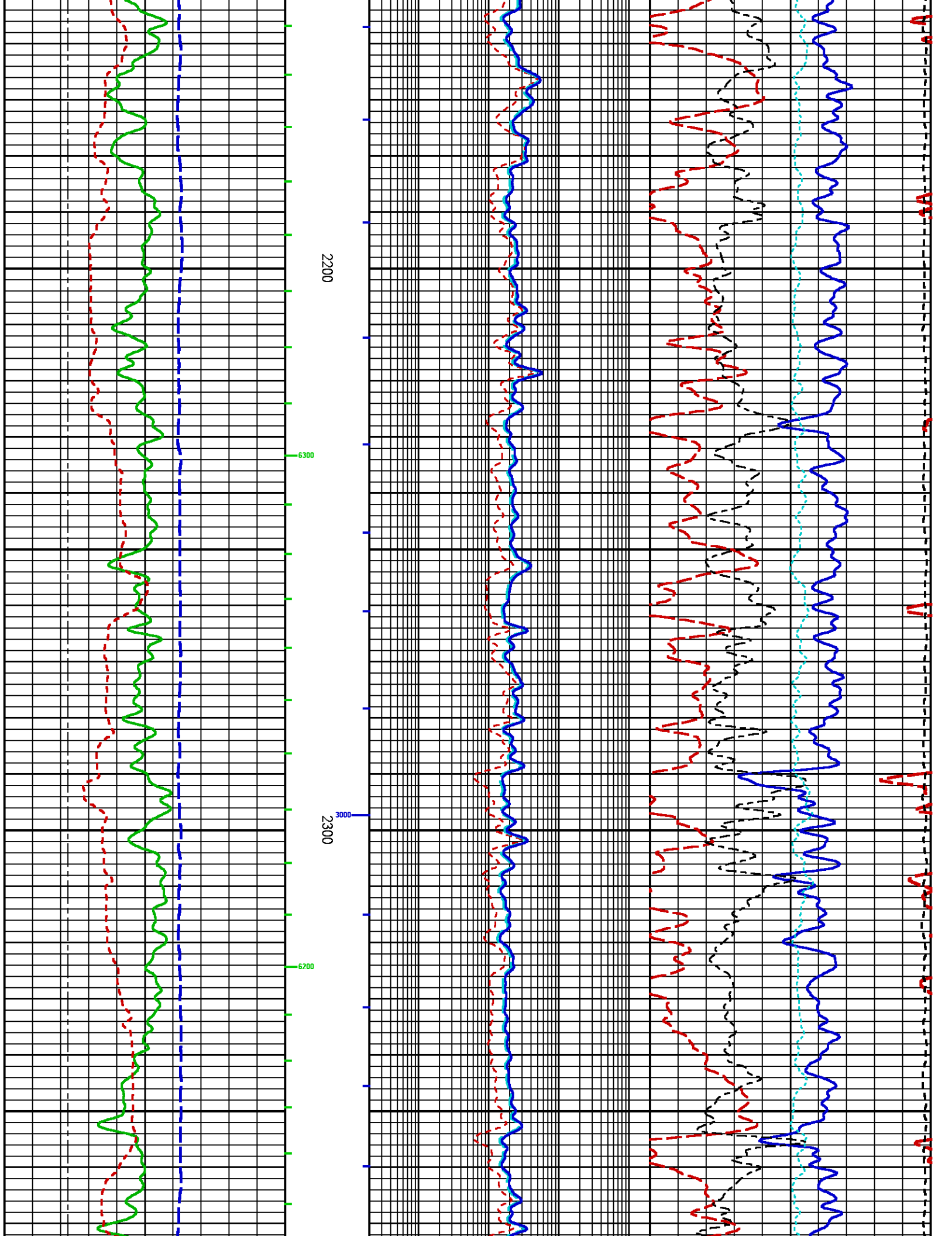


1800

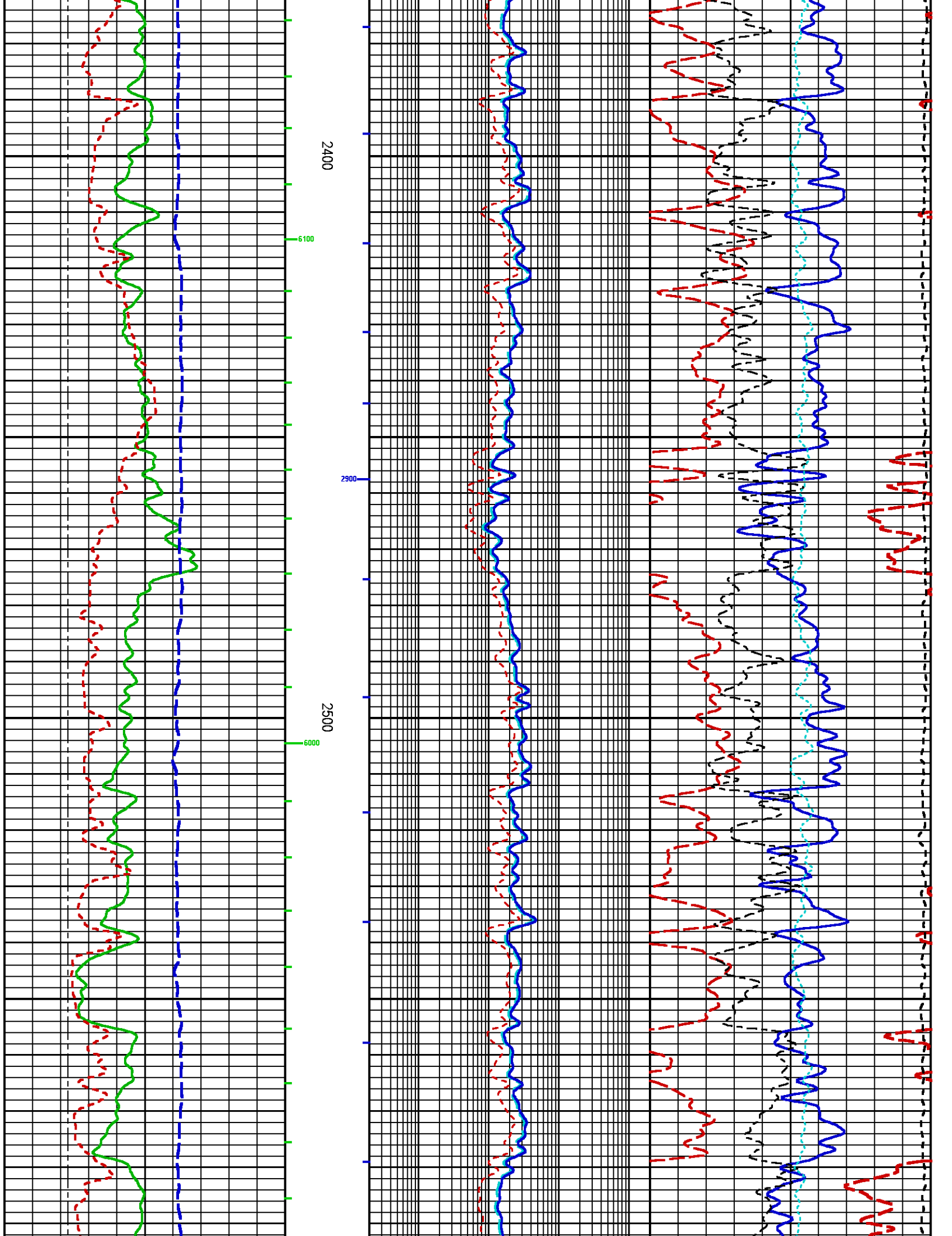
1900

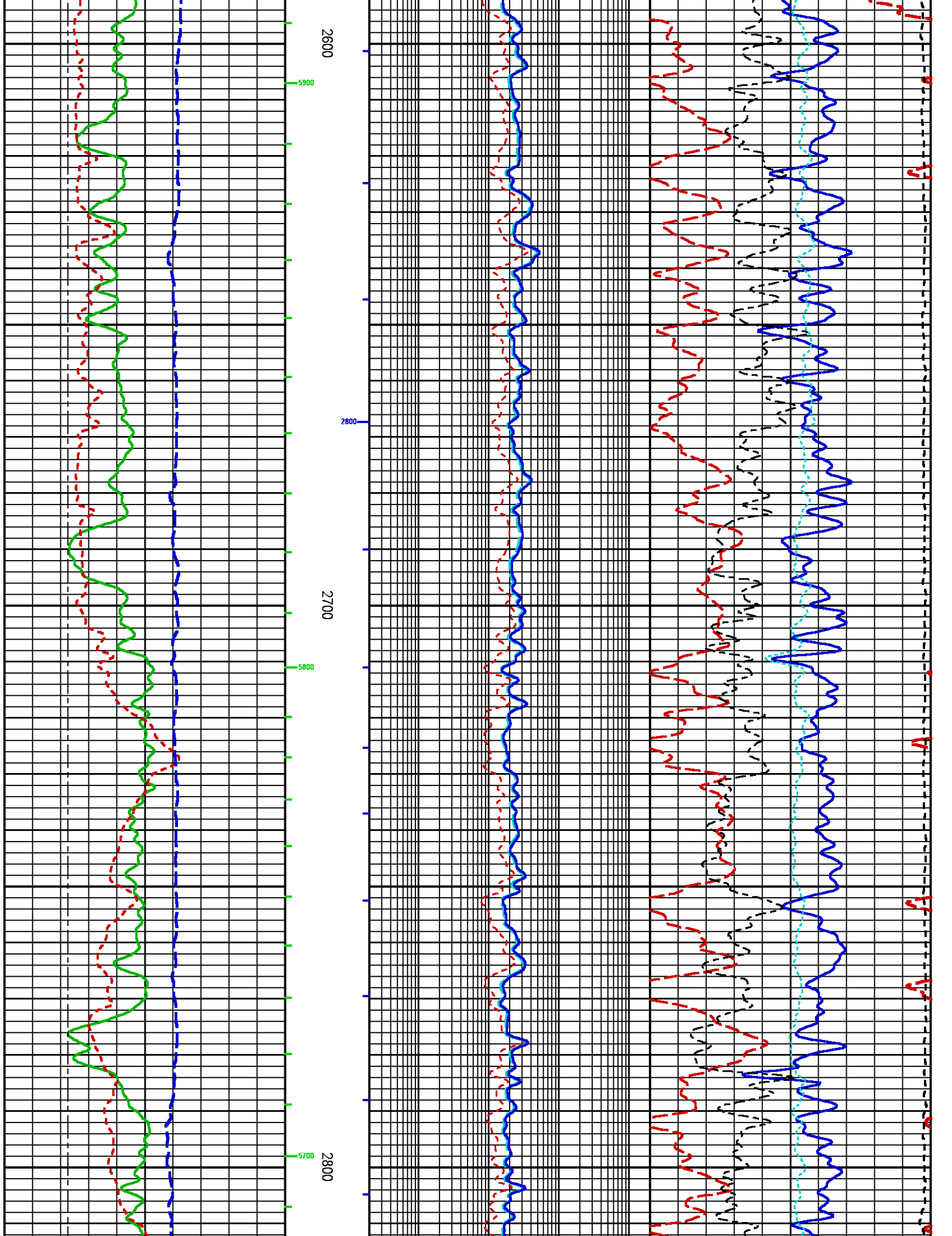


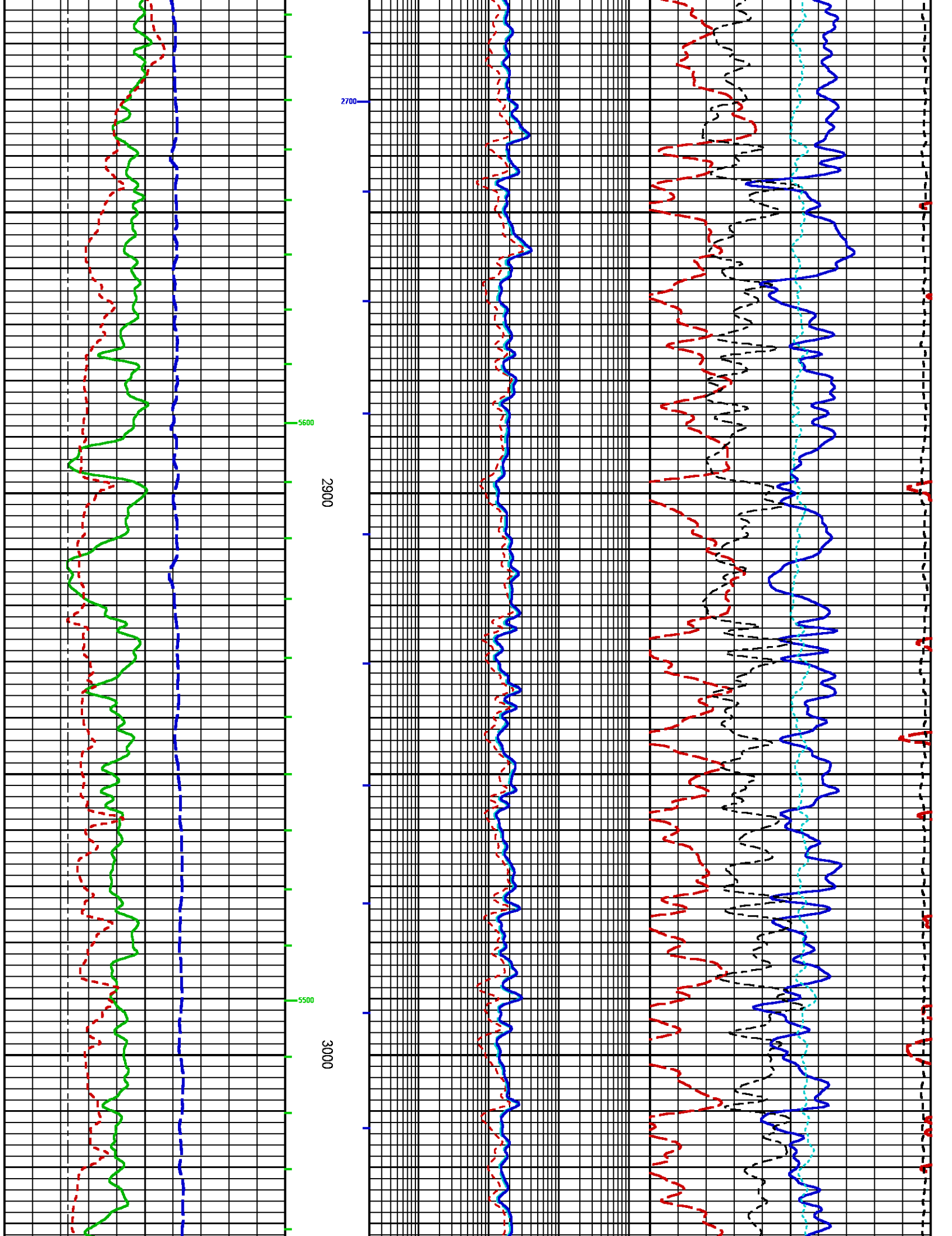


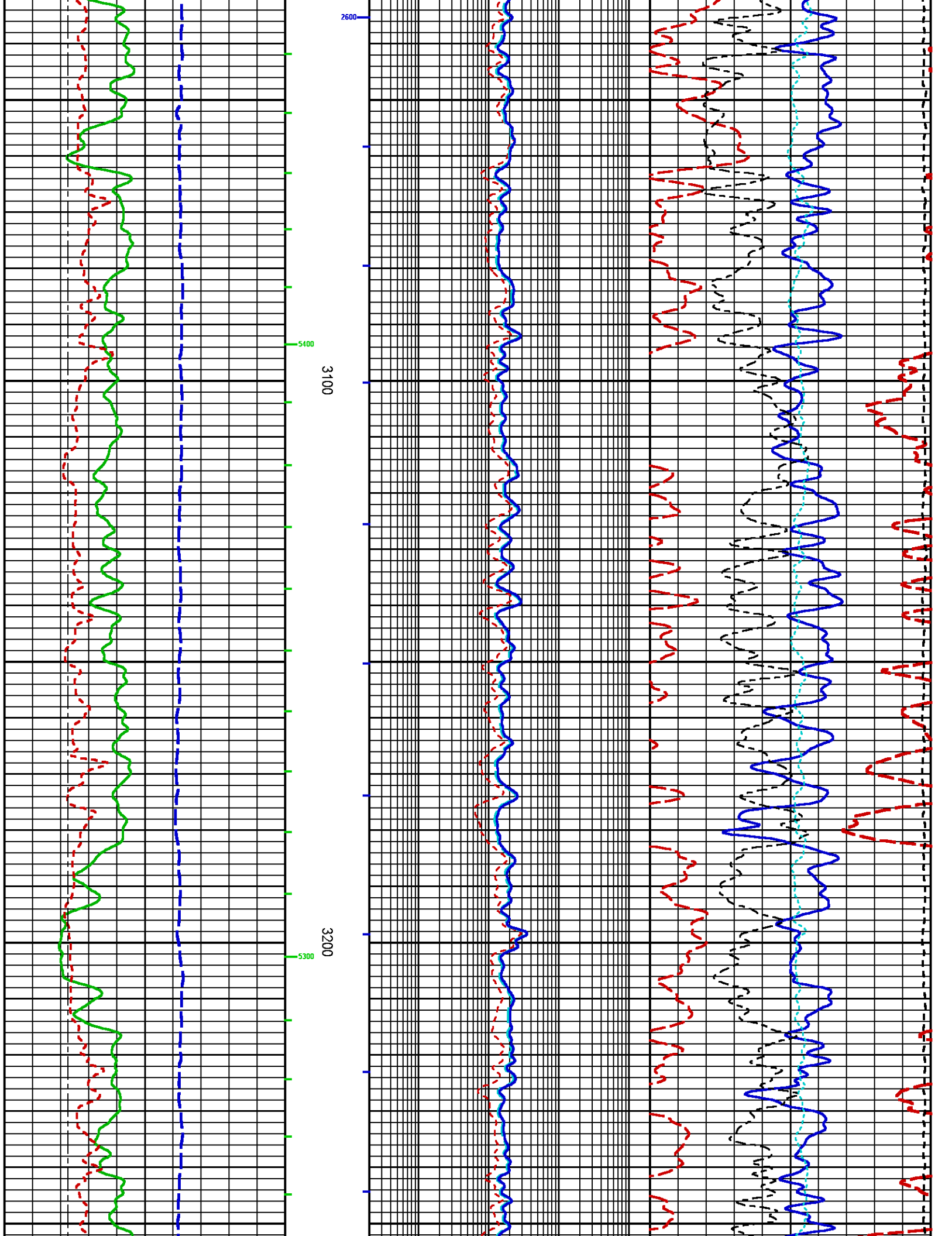


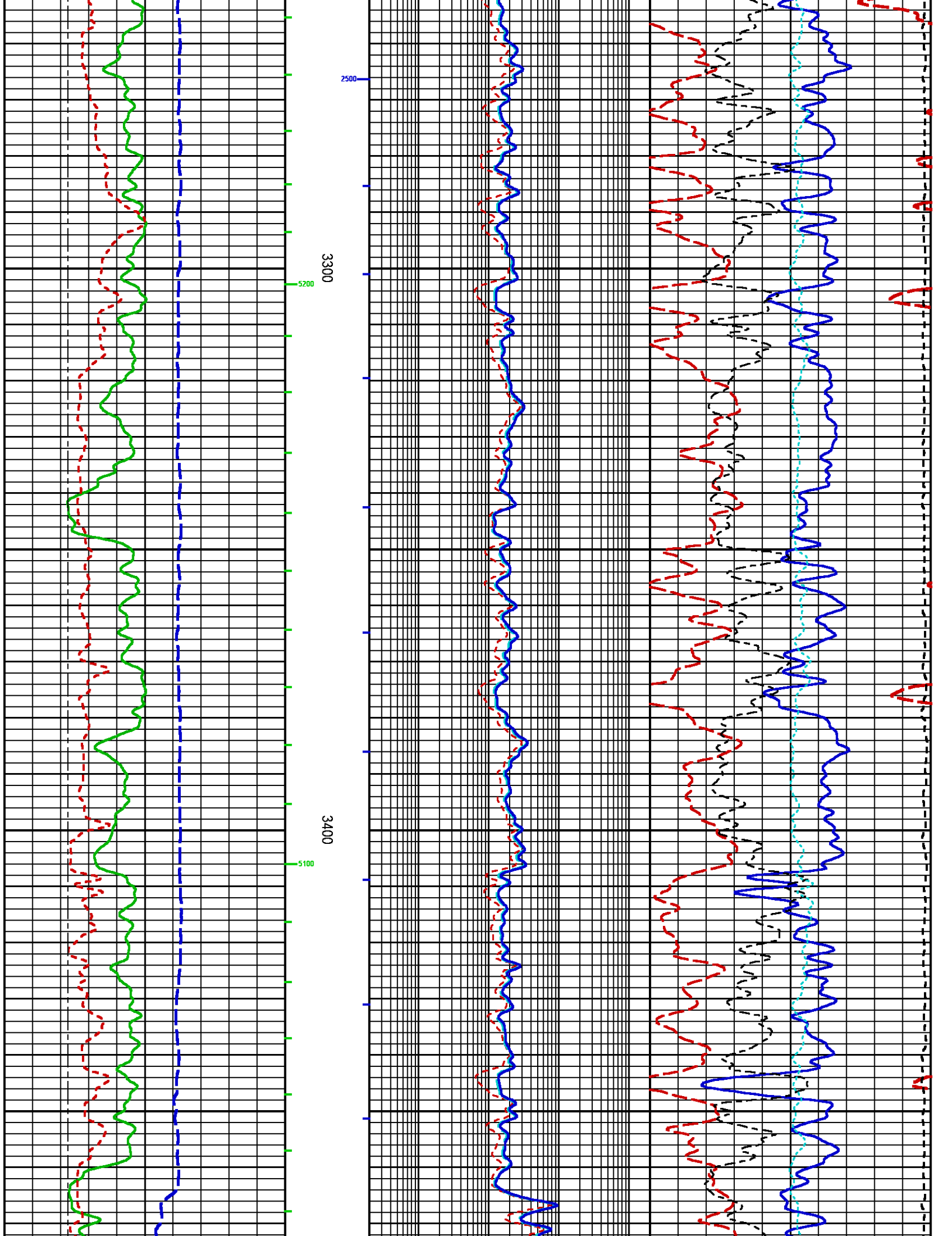


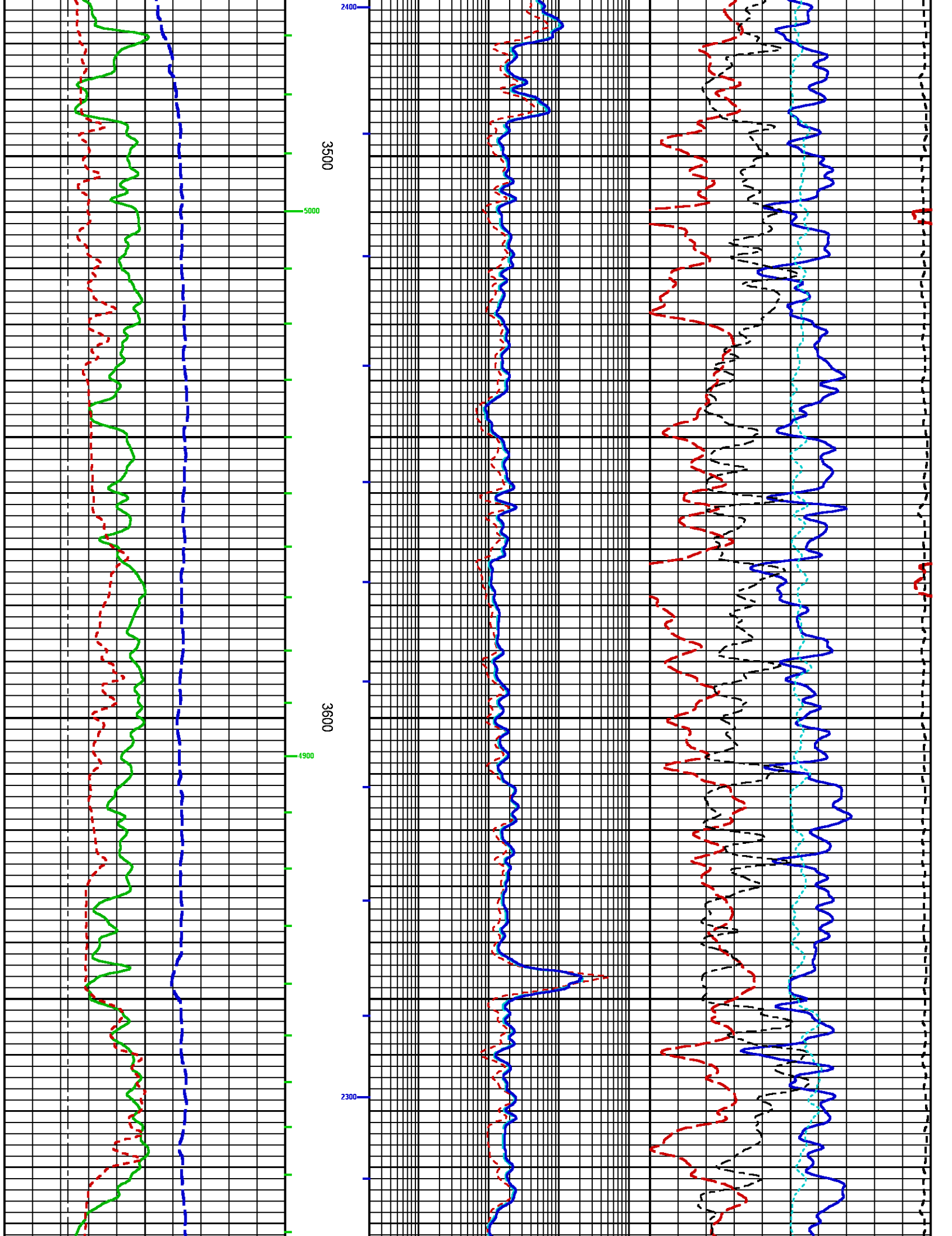


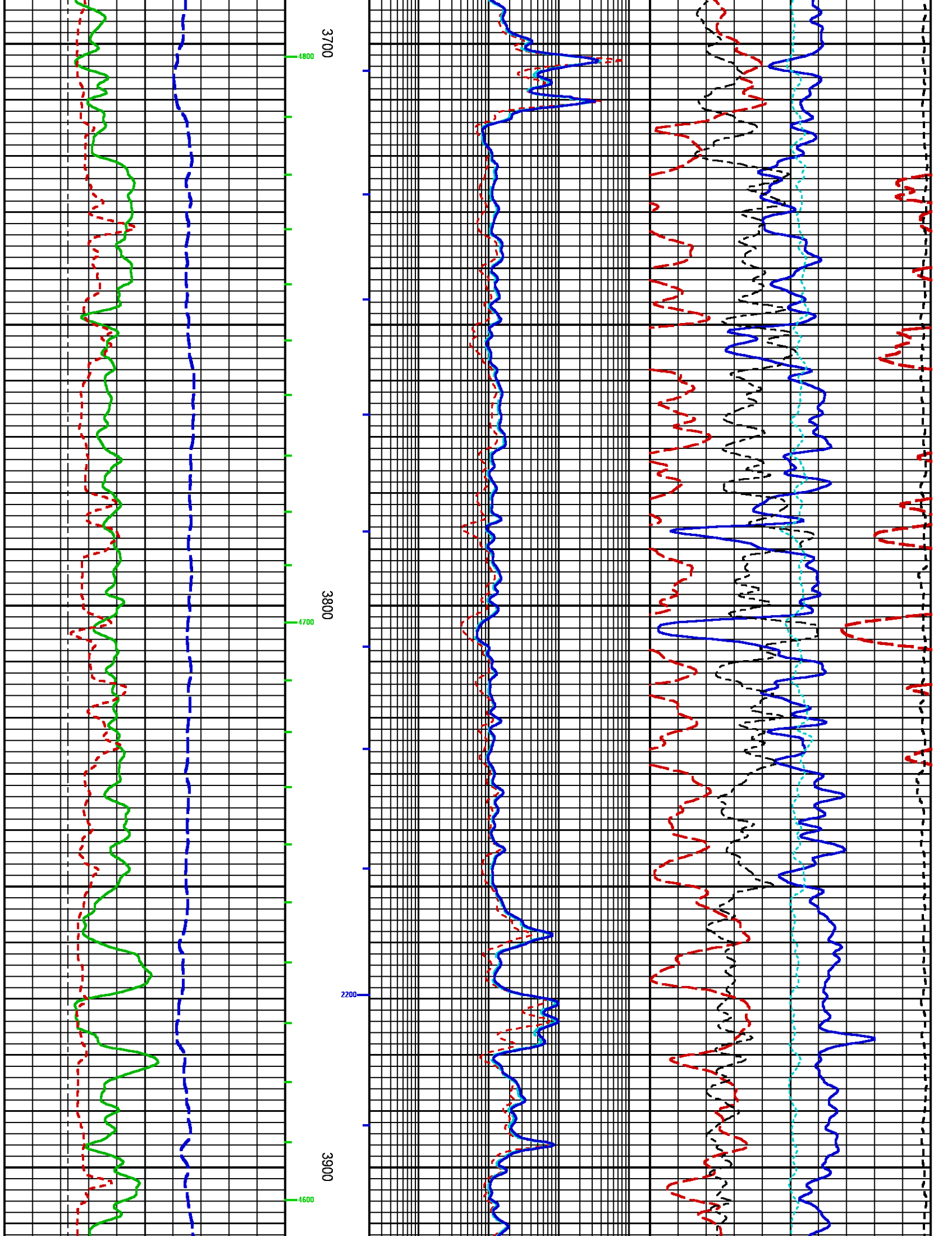




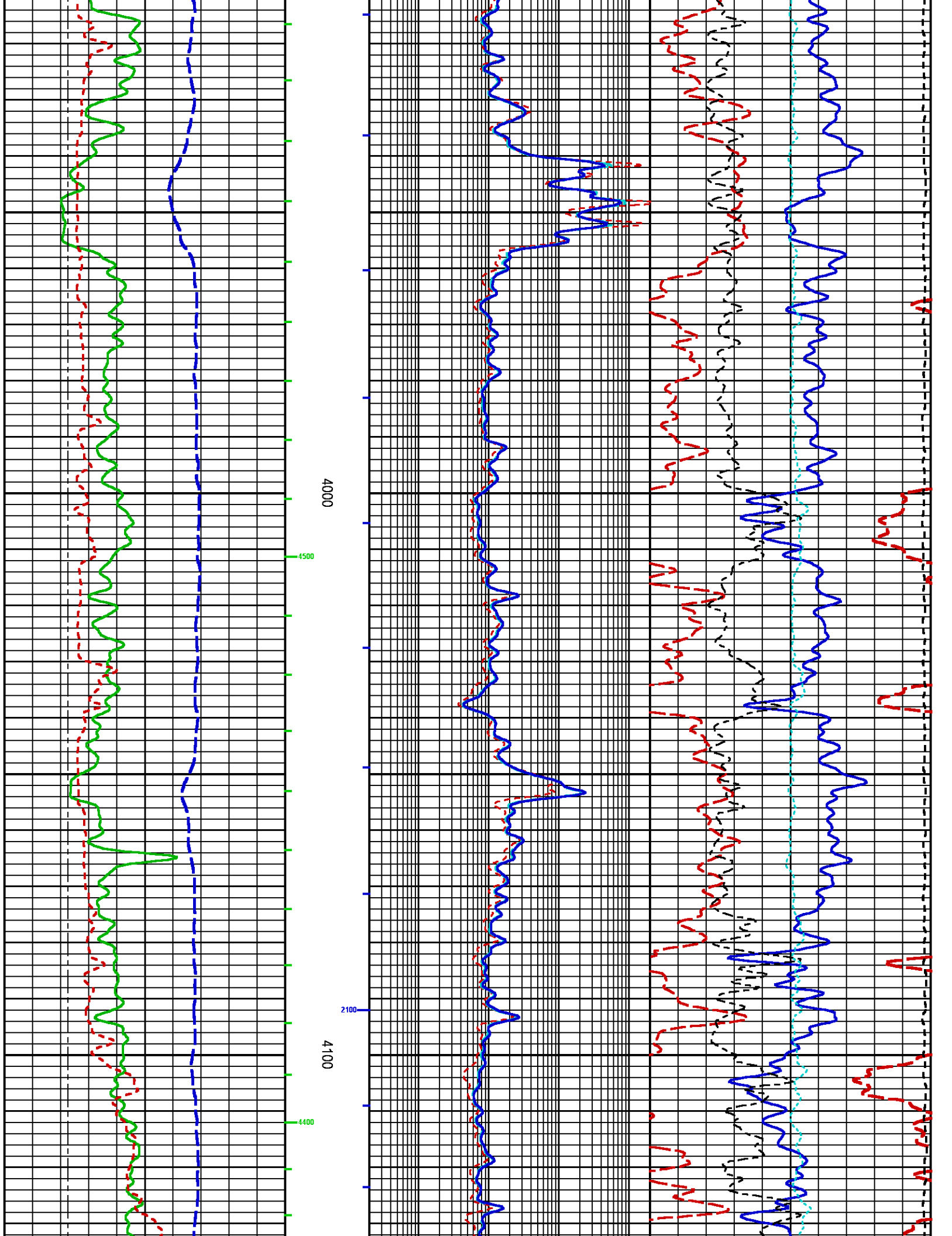




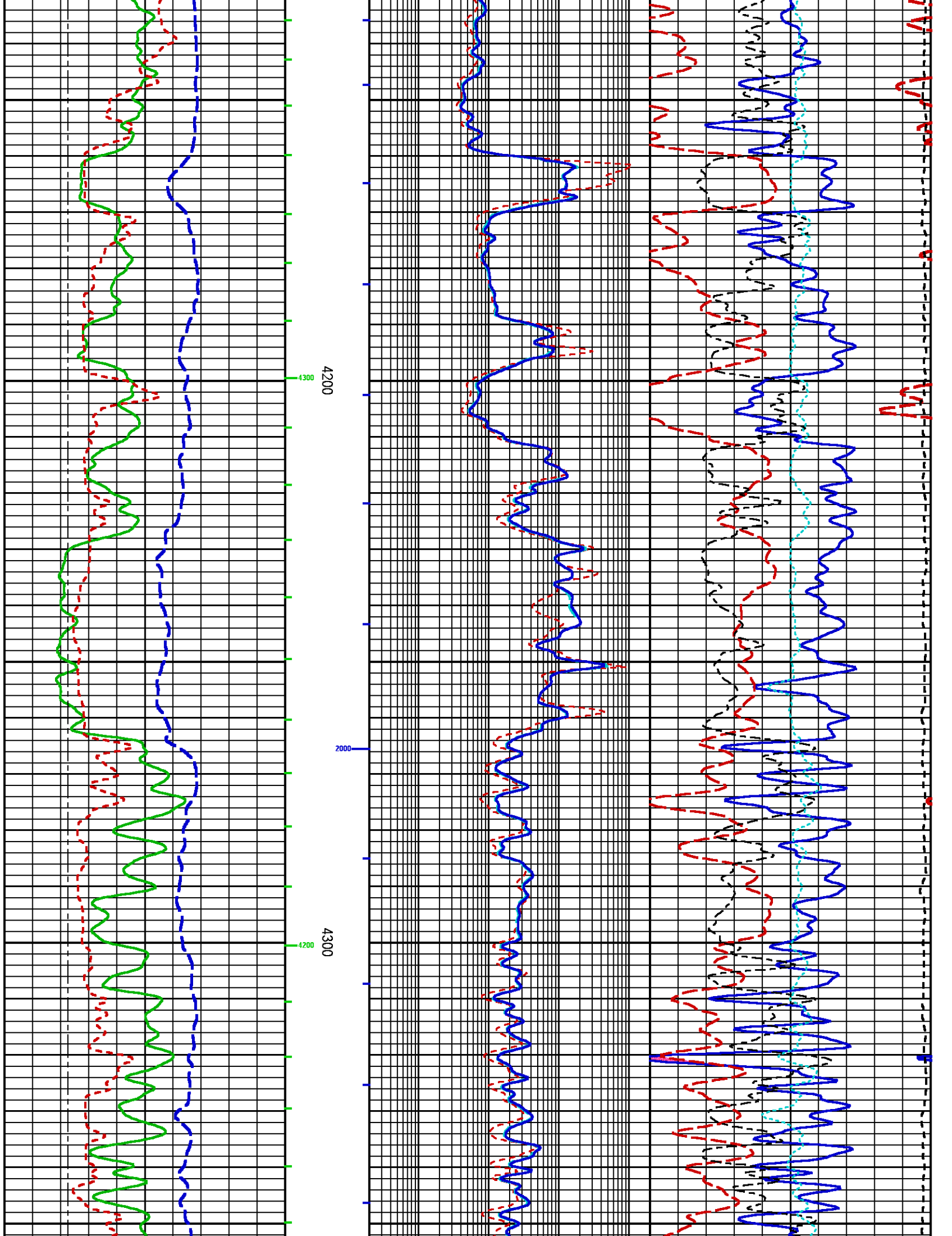


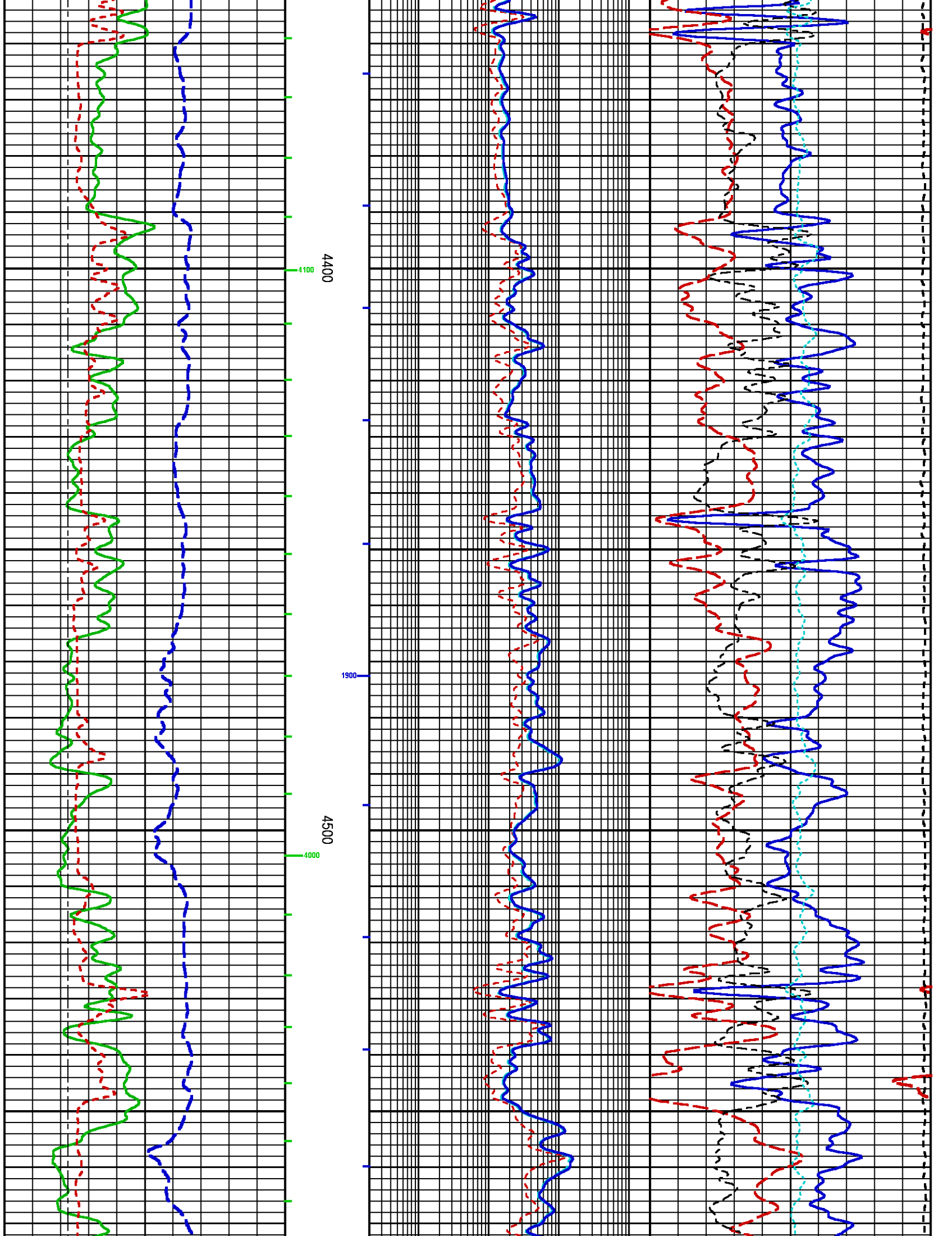


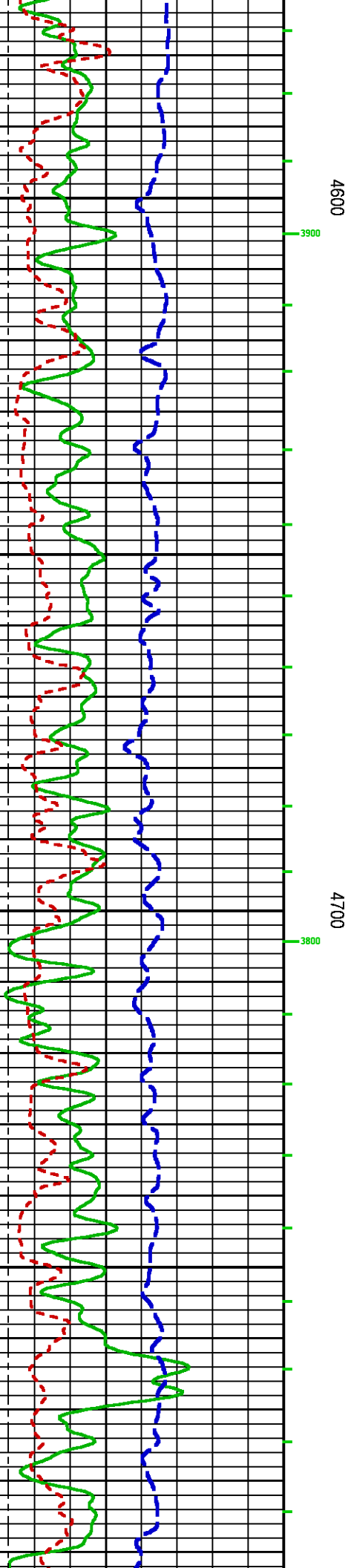
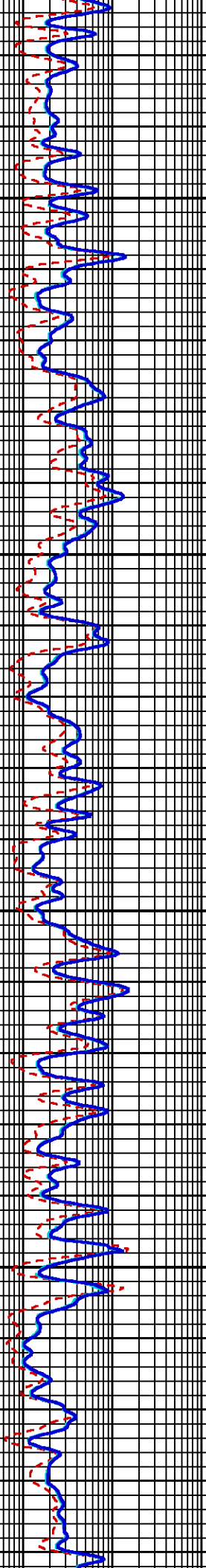
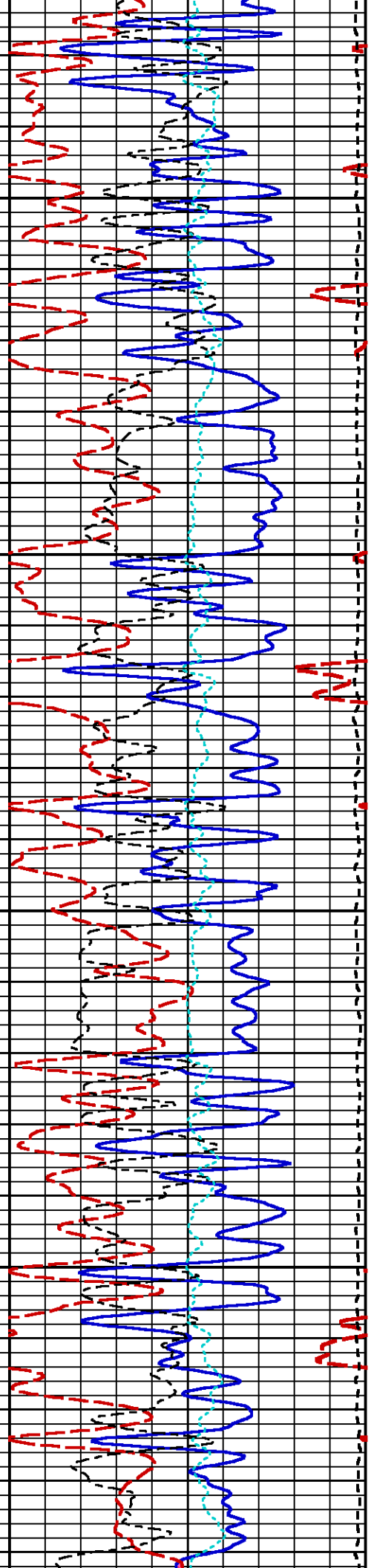


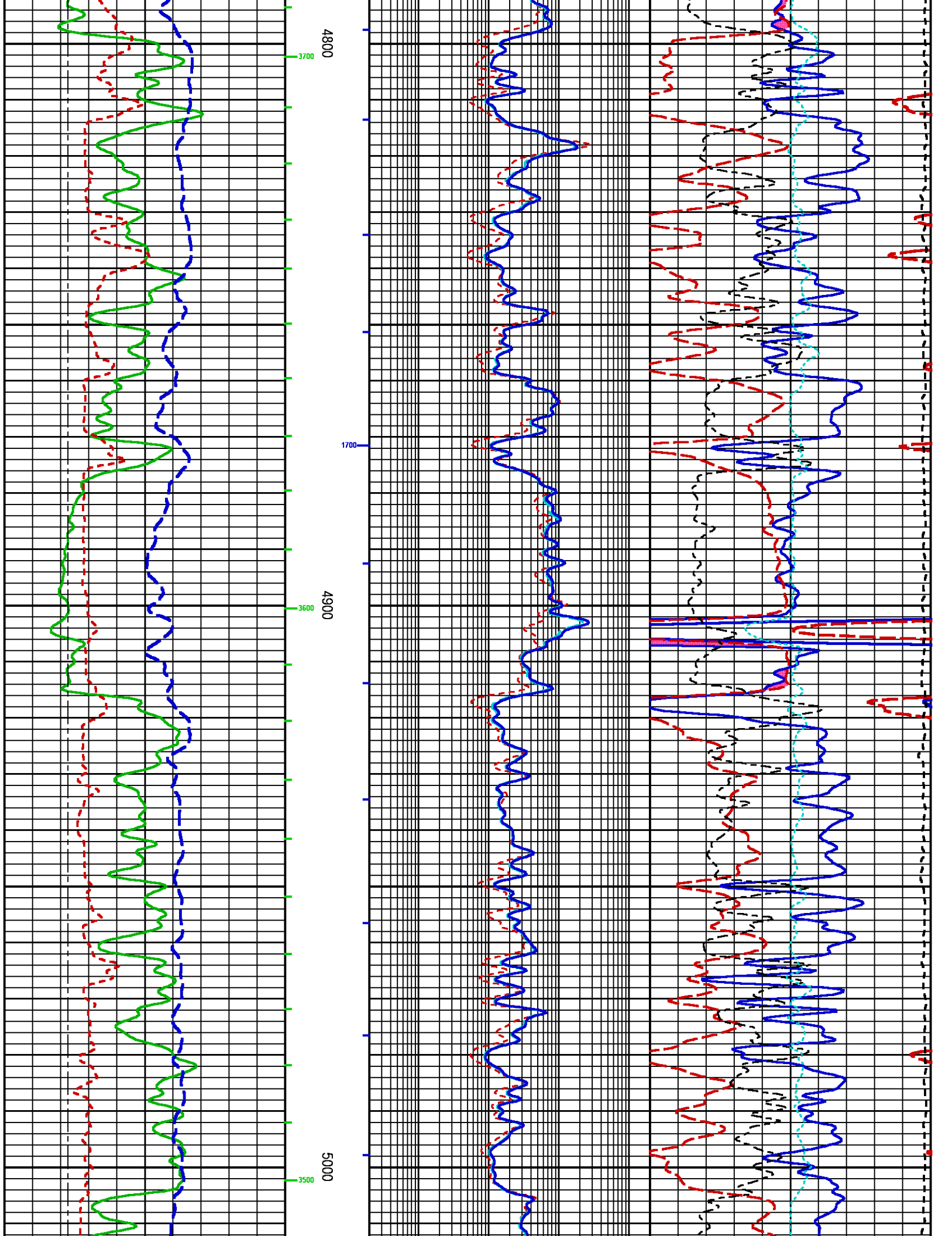


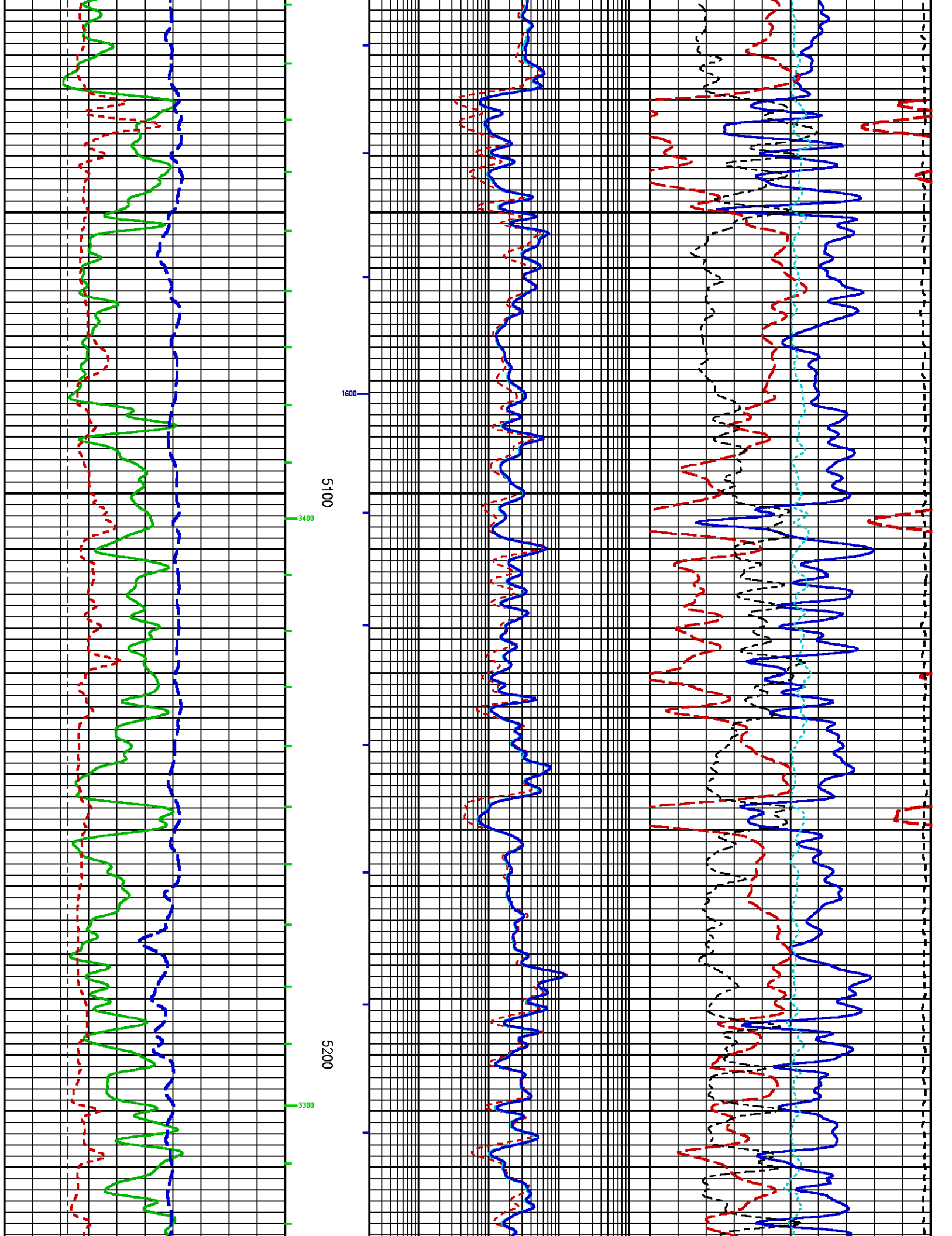


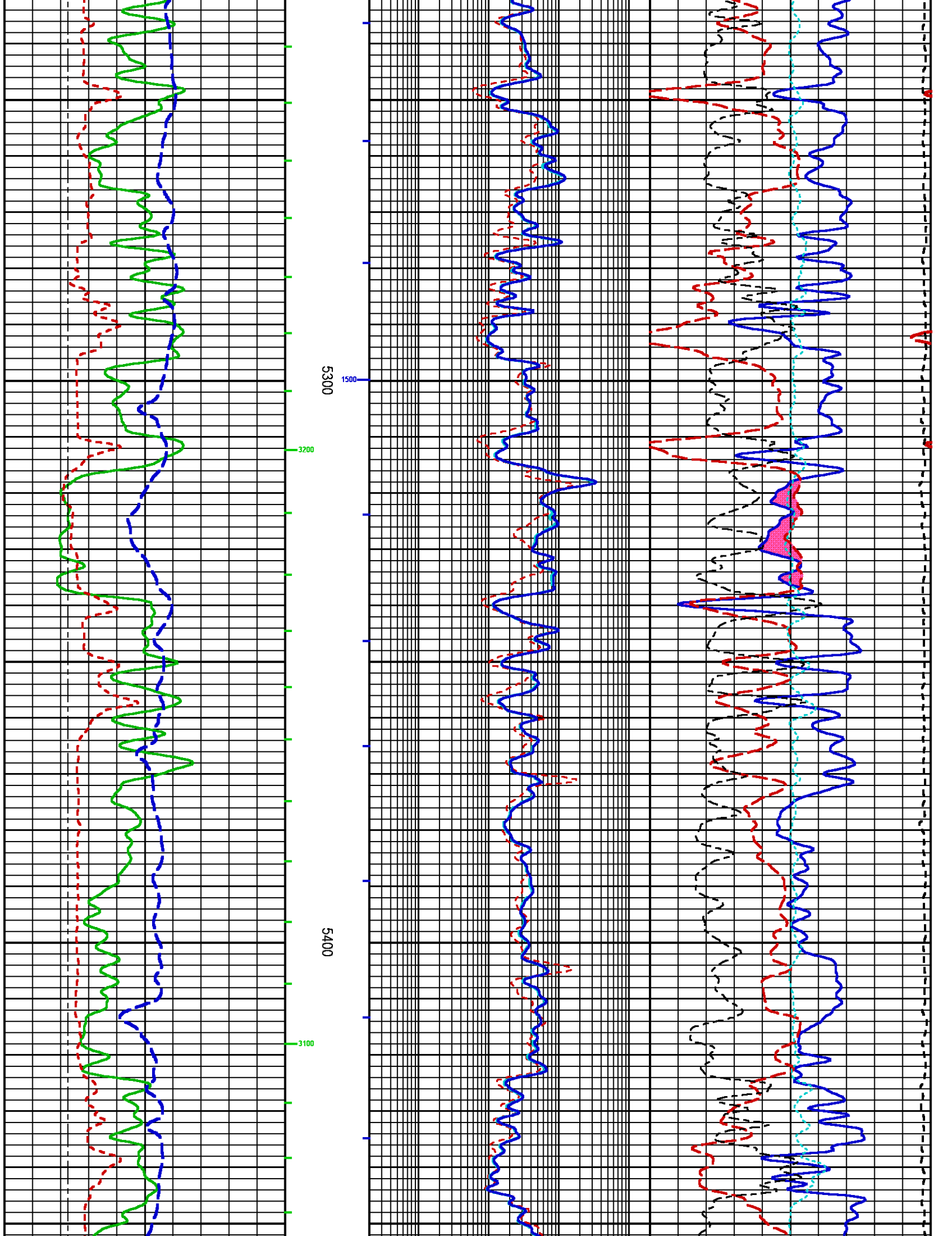


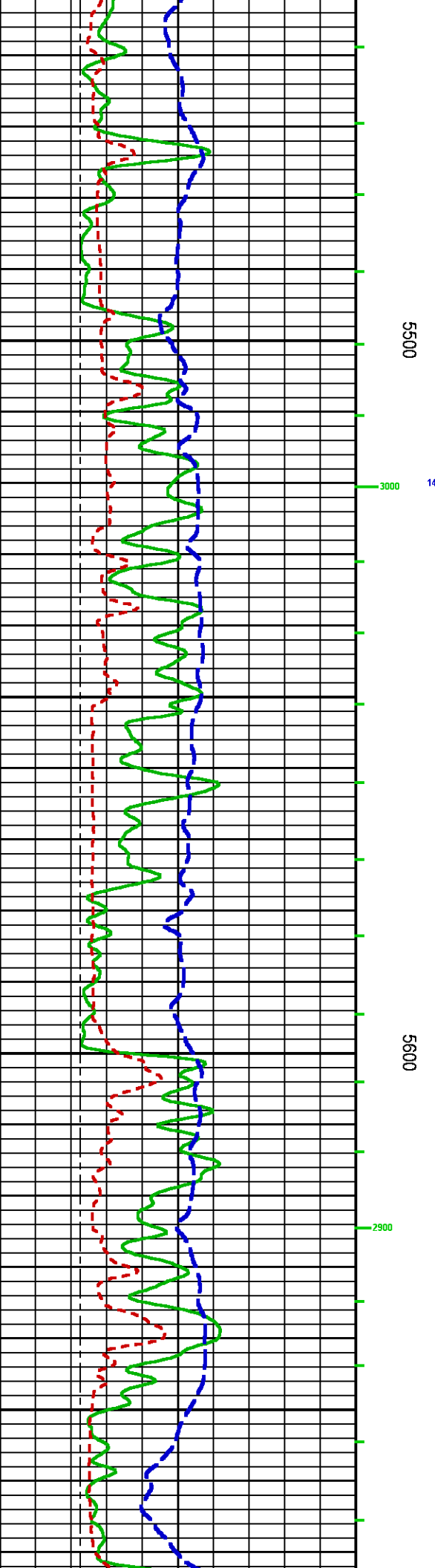
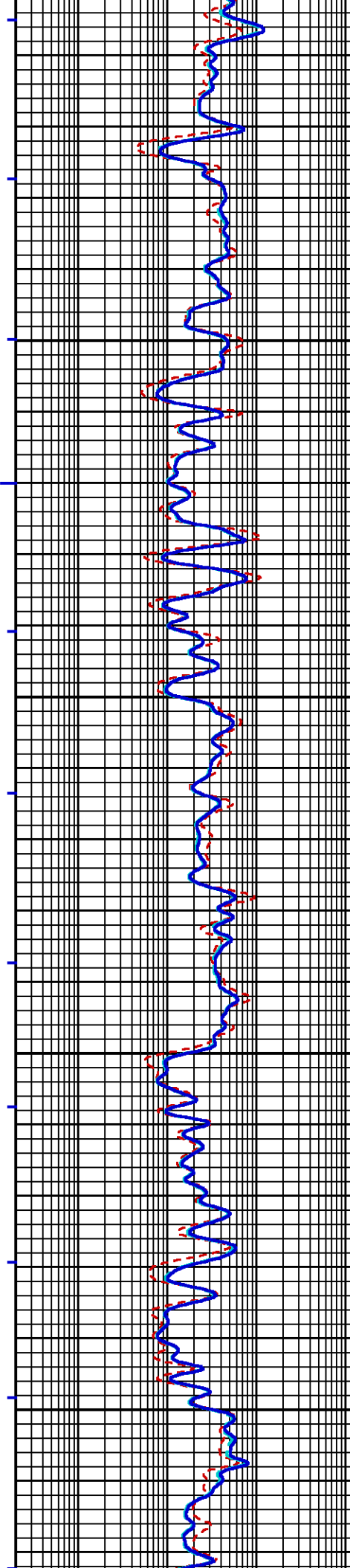
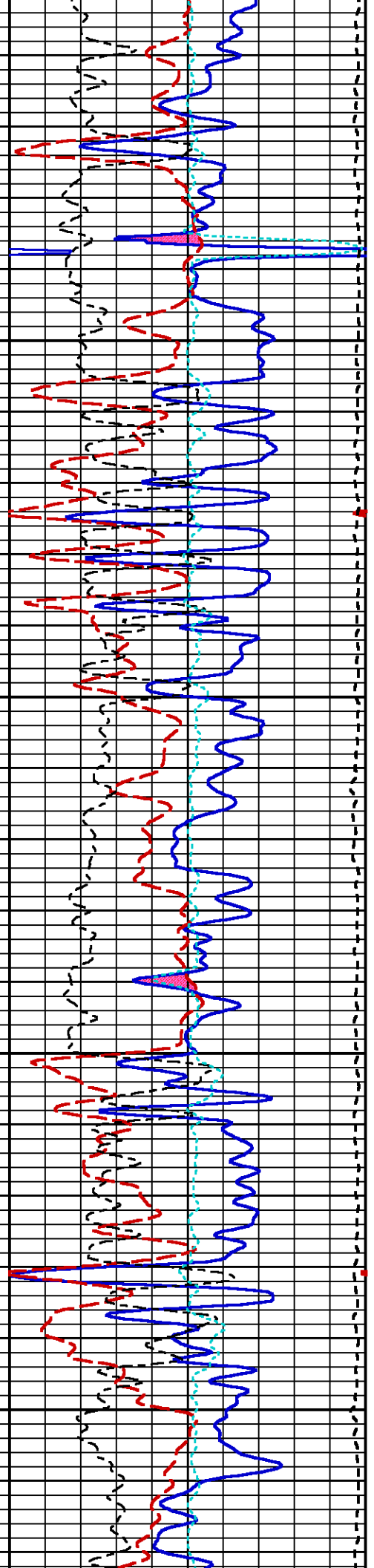




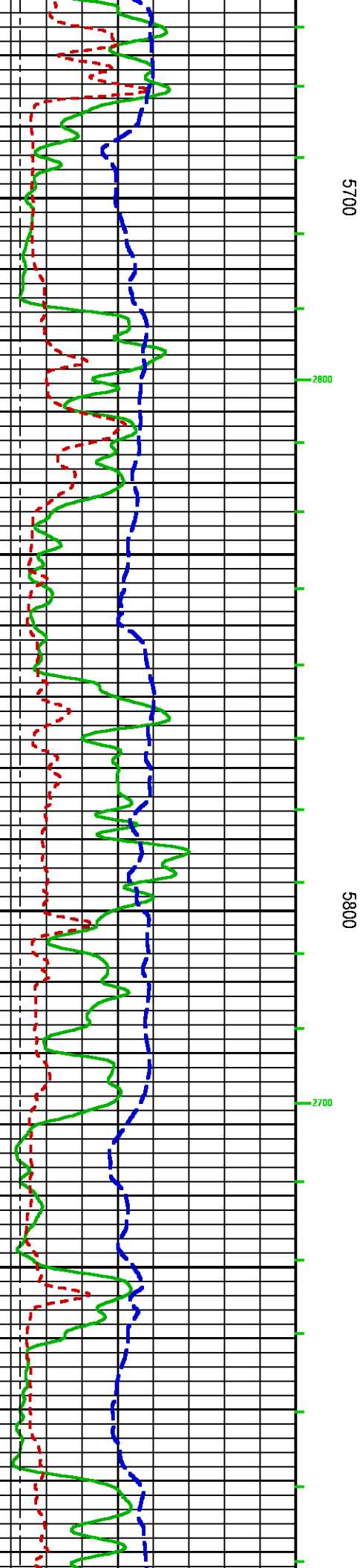
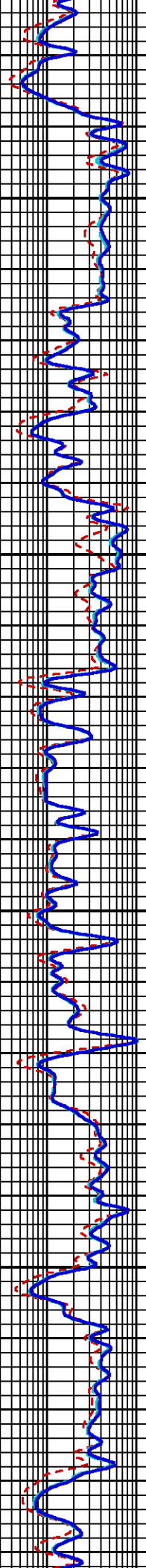
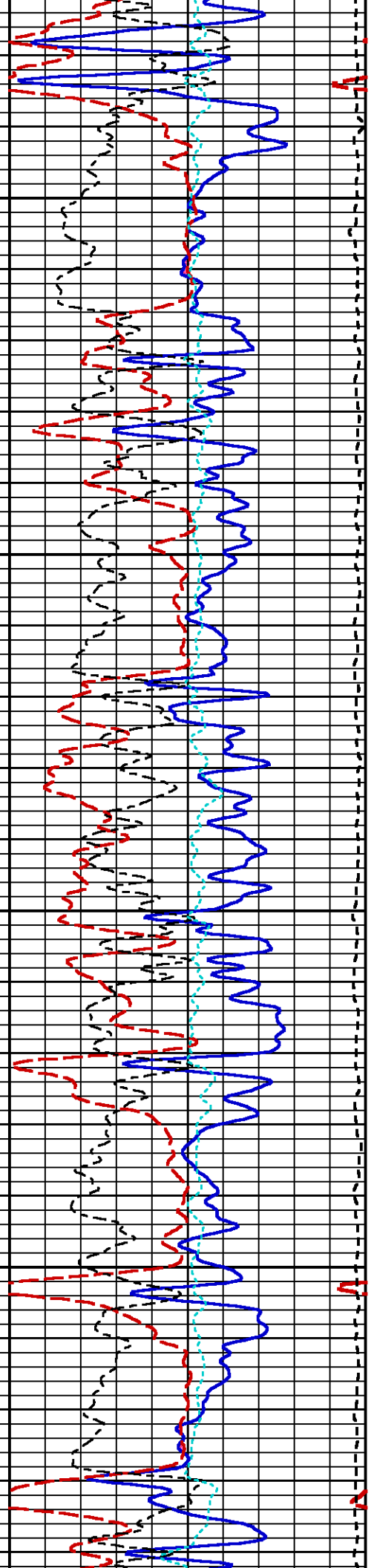




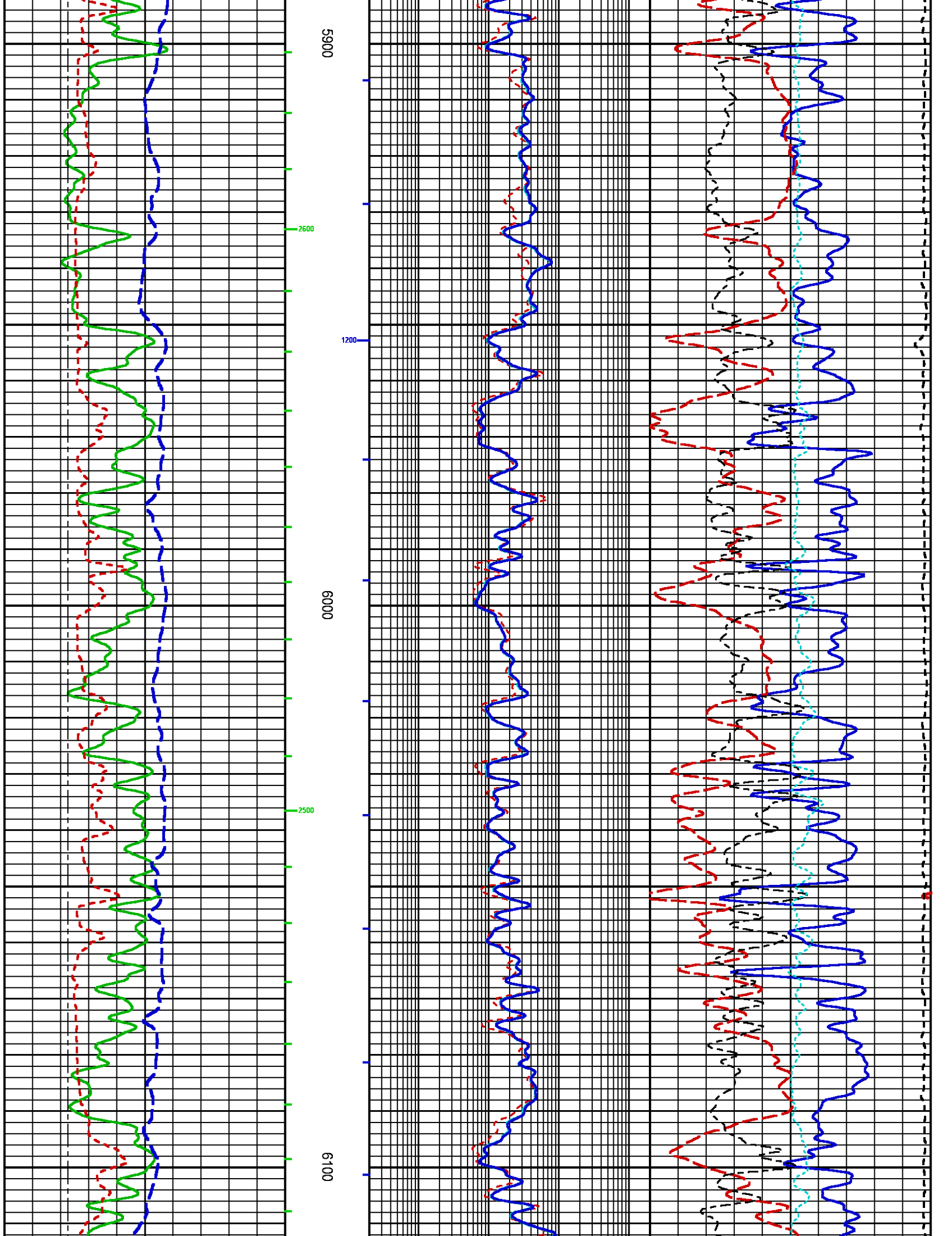


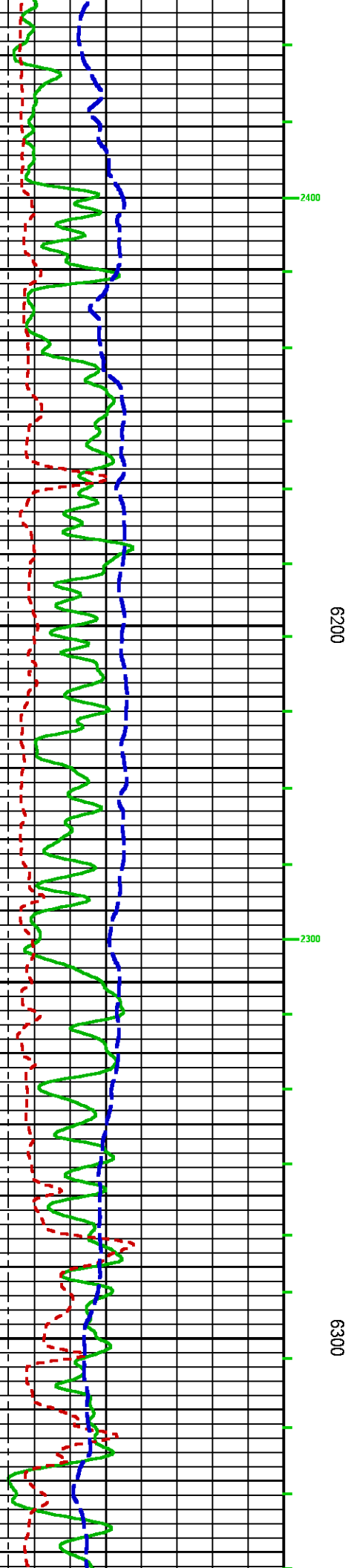
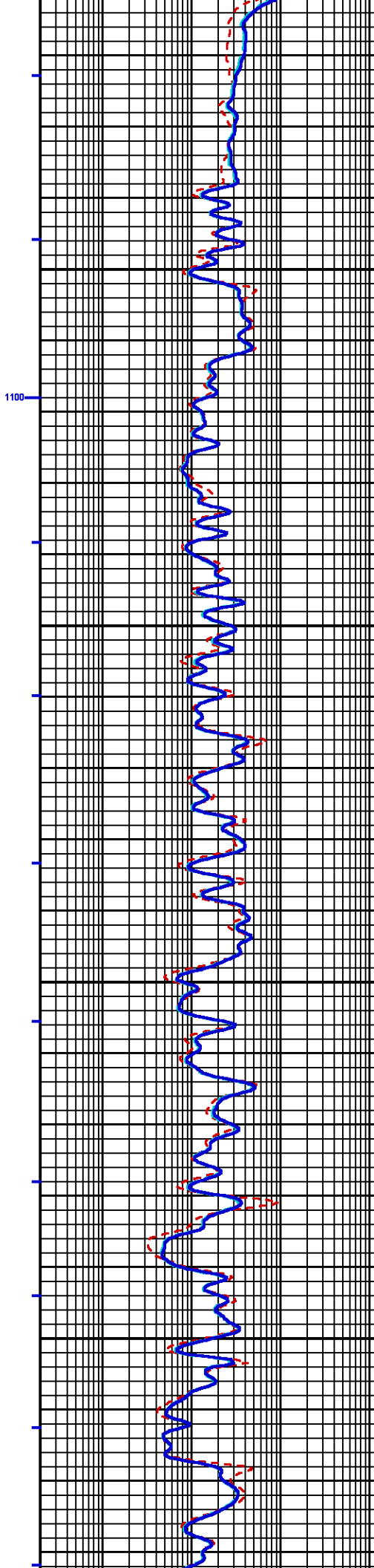
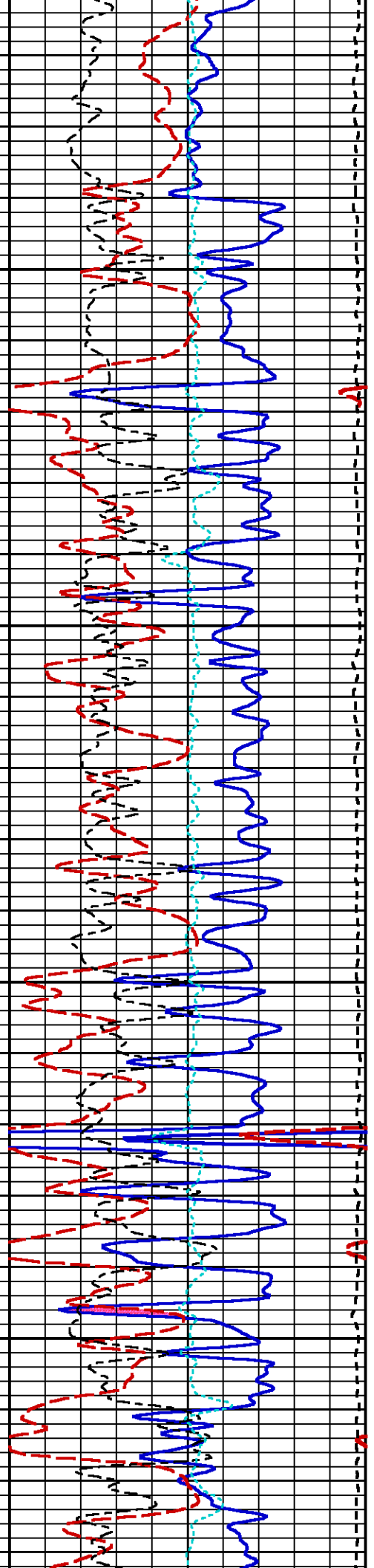


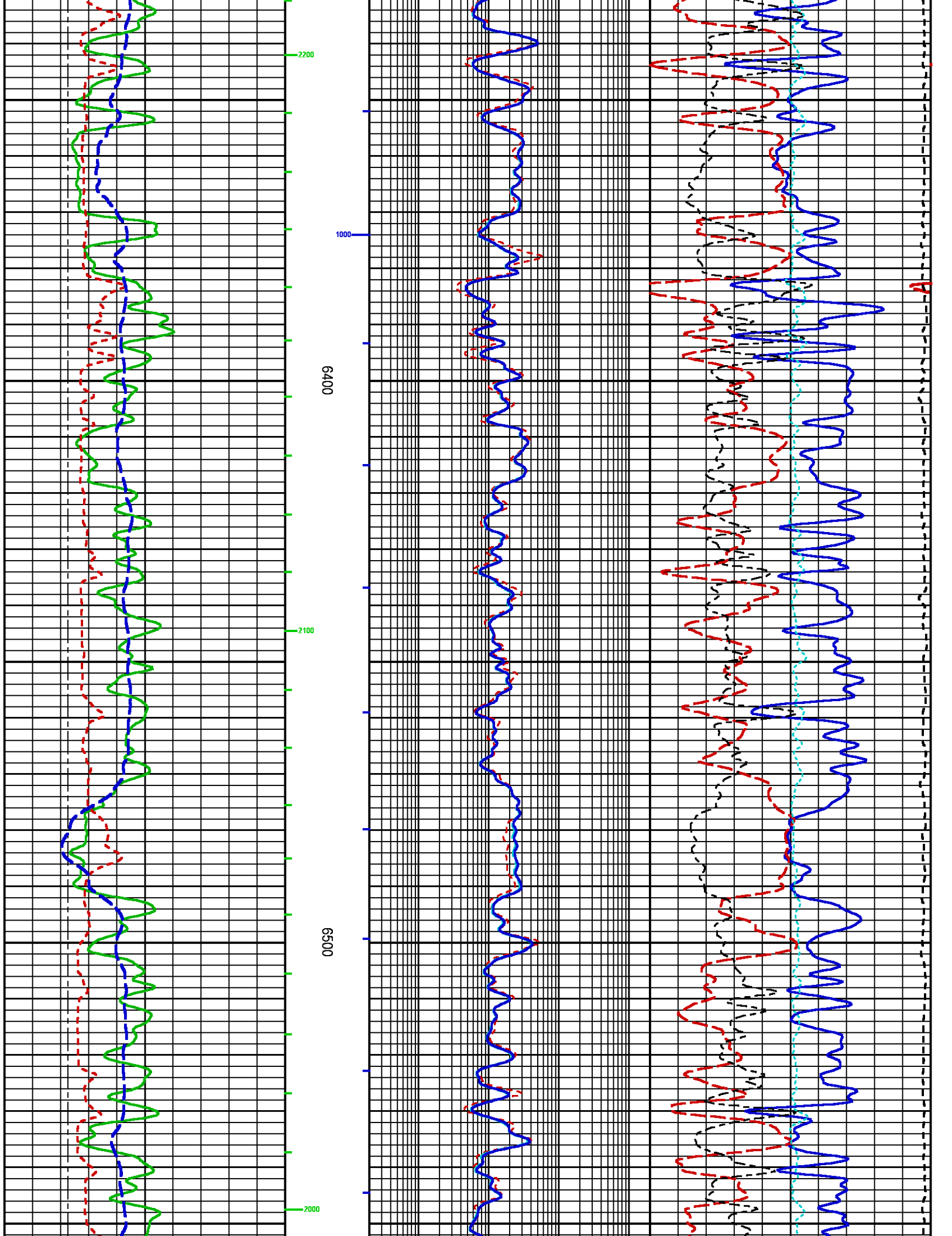


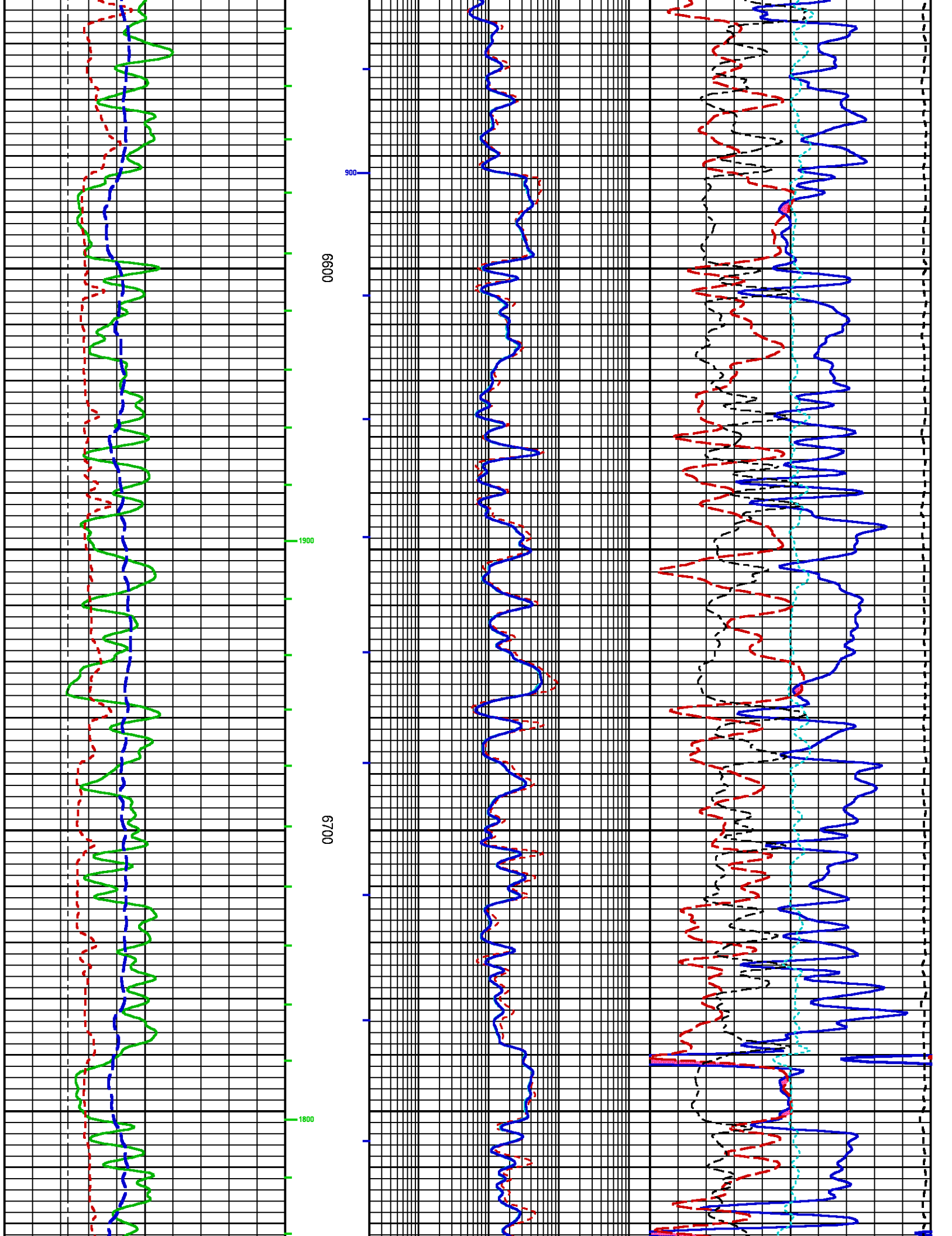


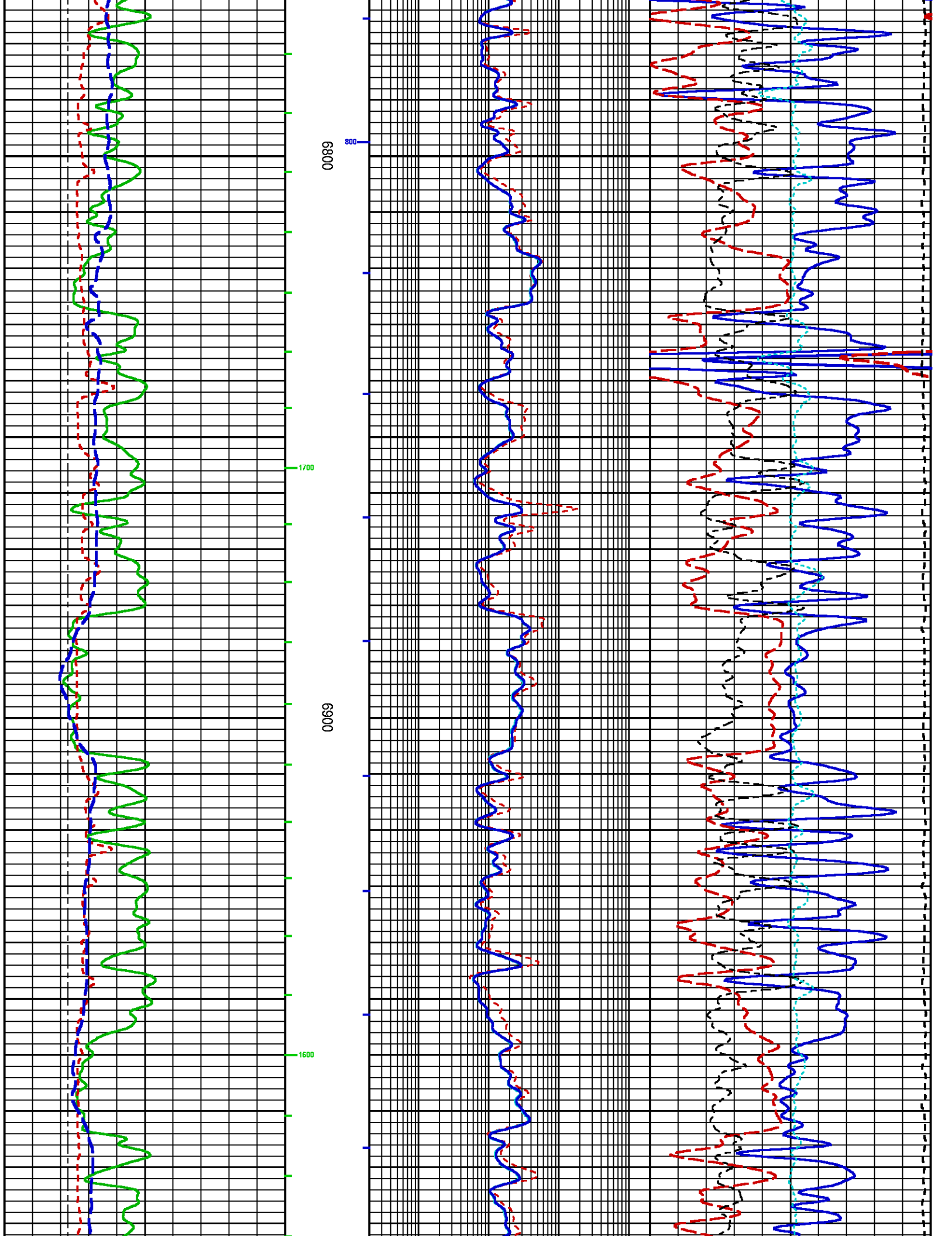


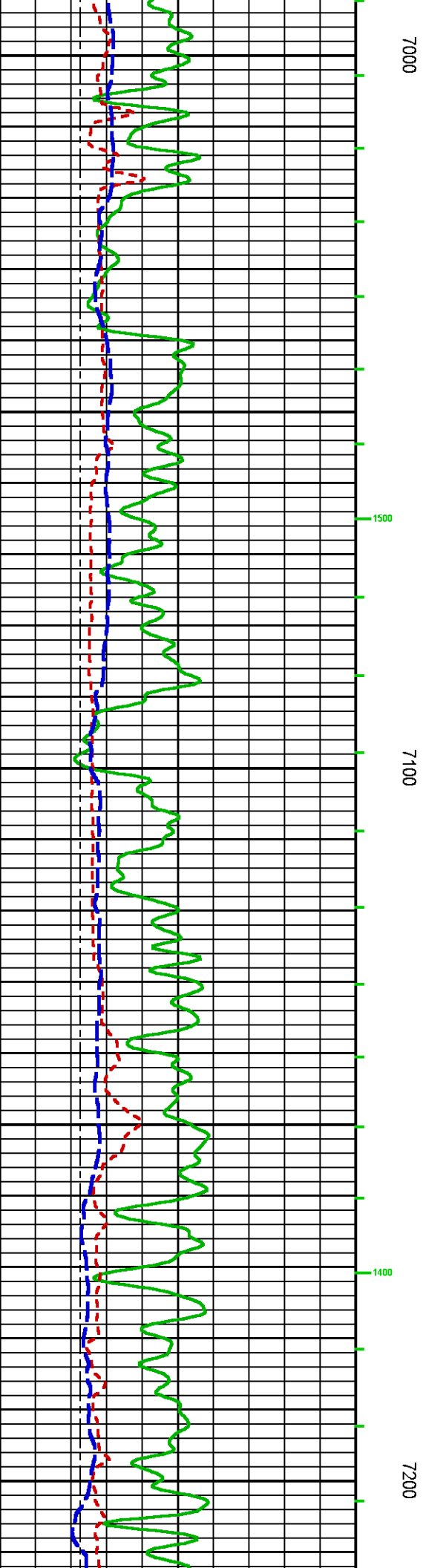
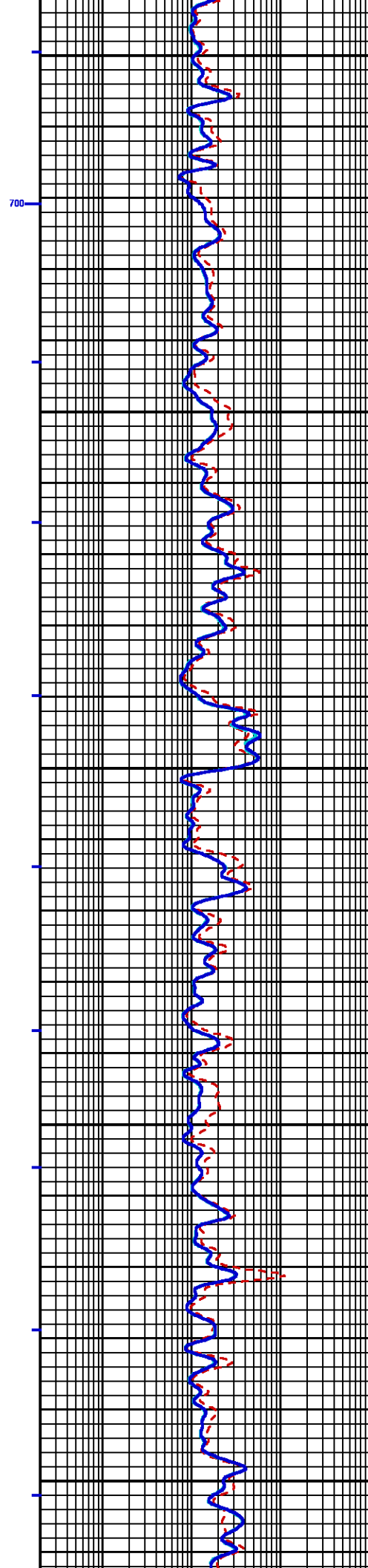
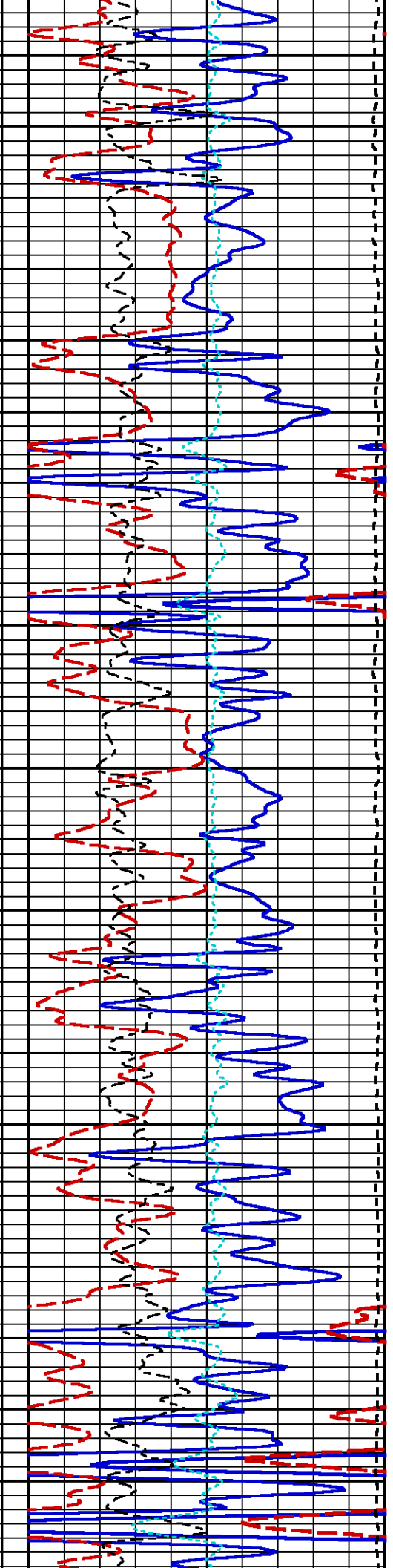


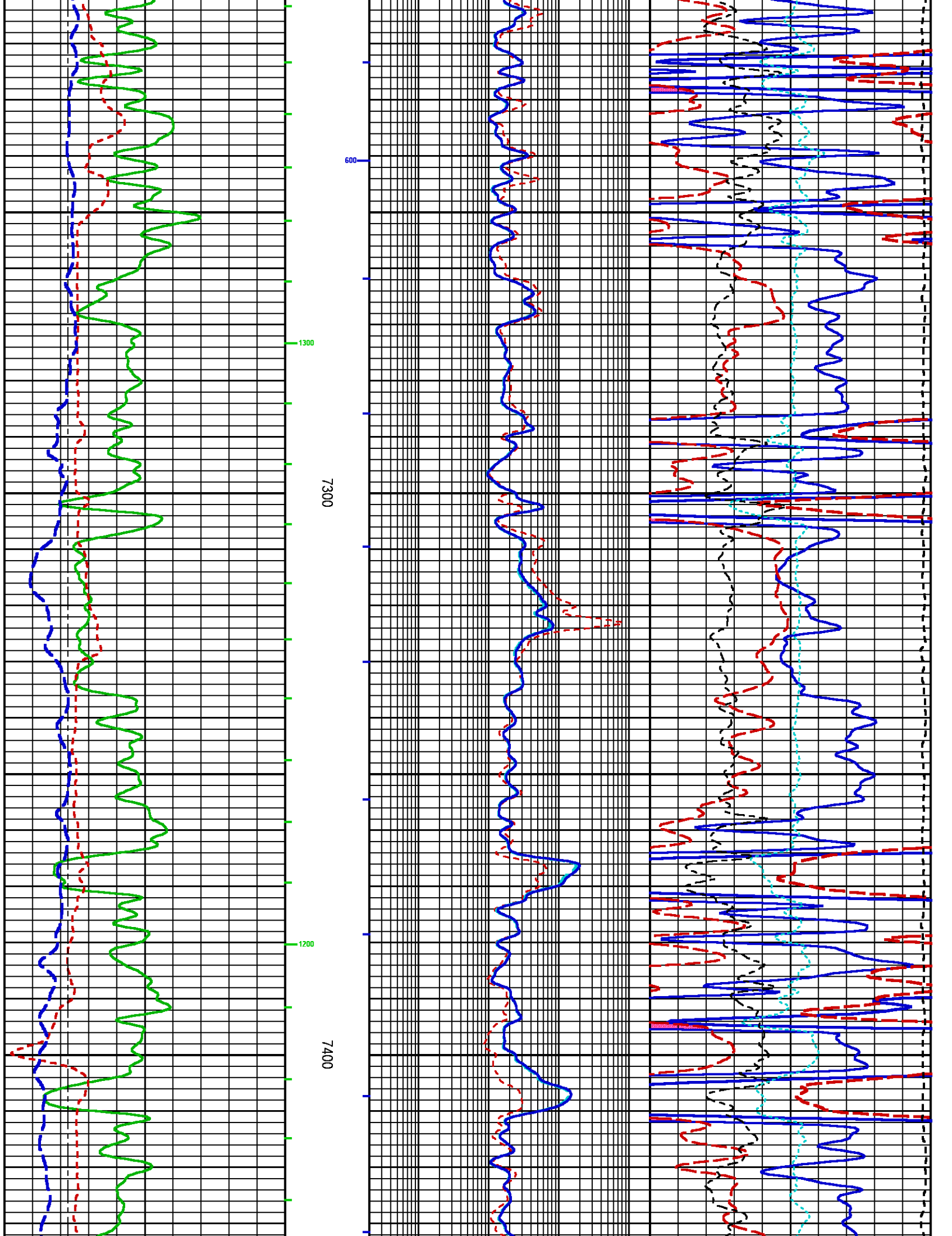




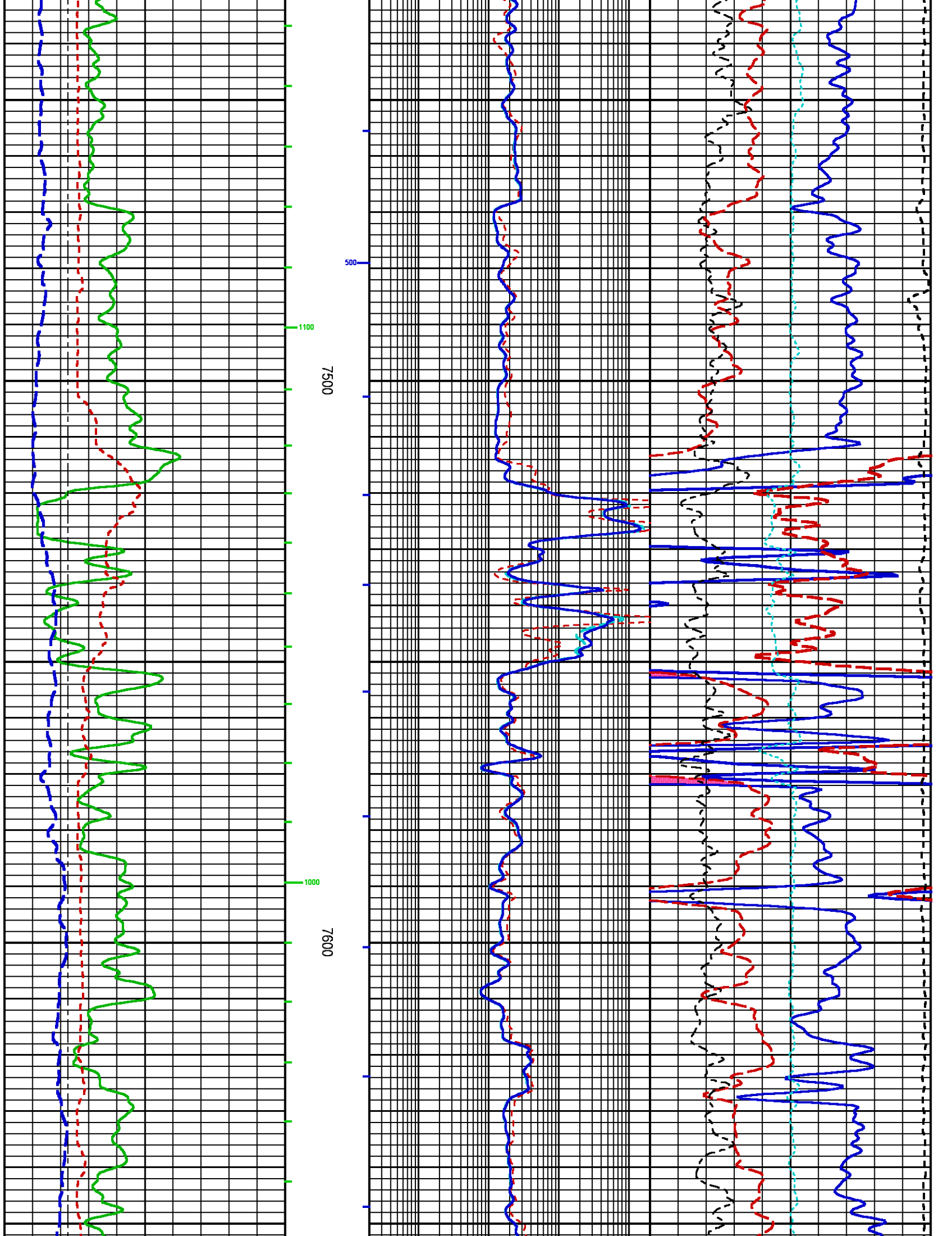




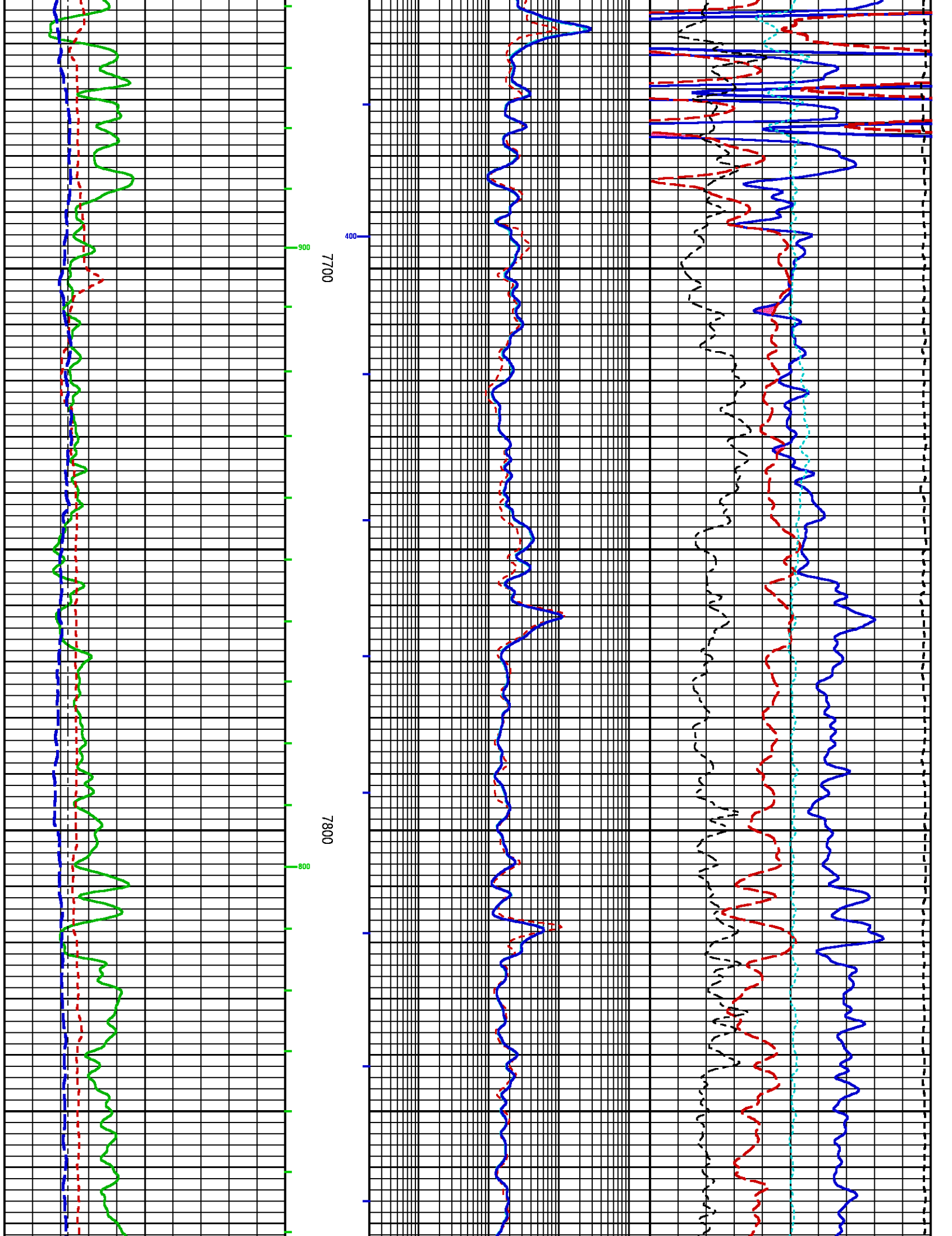


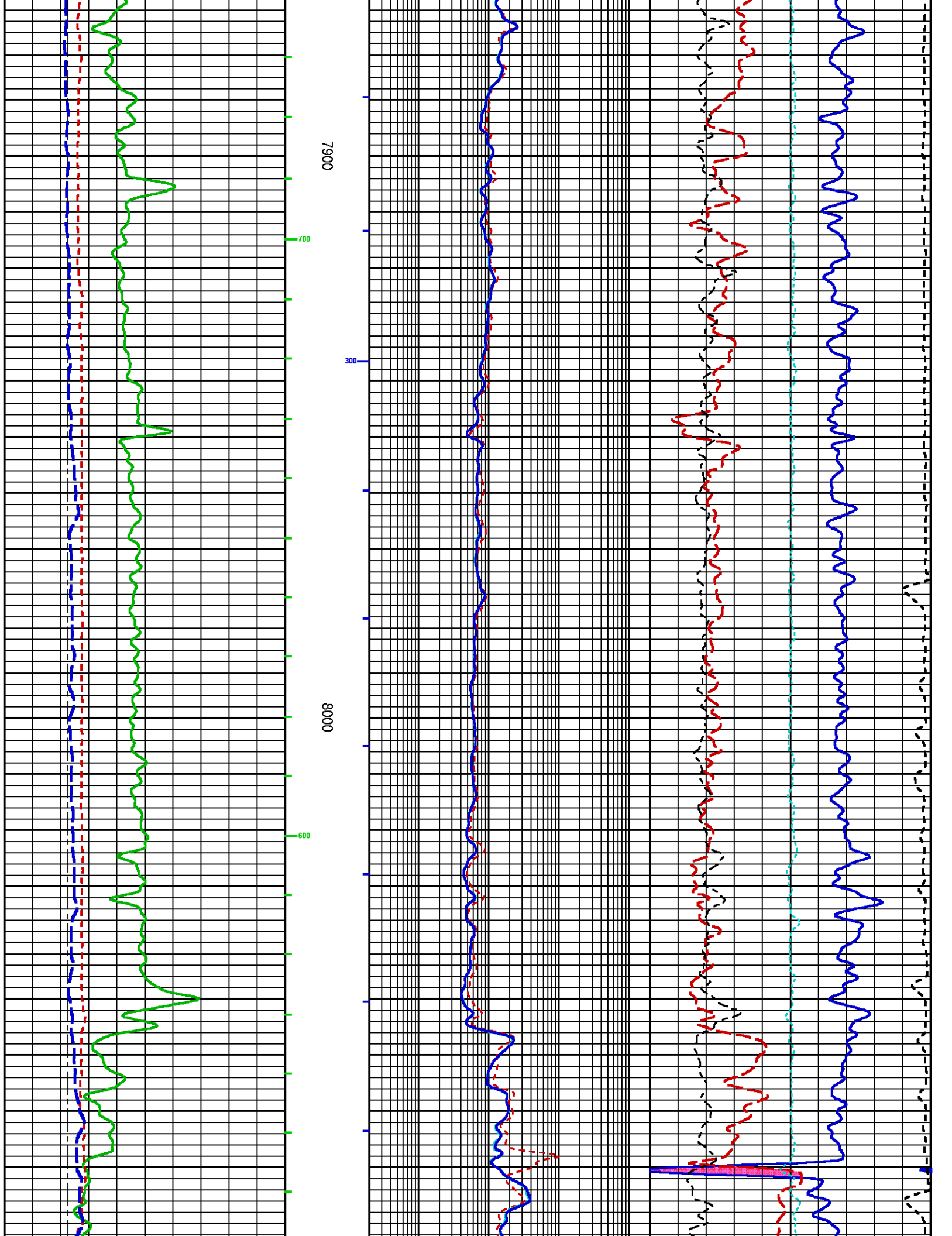


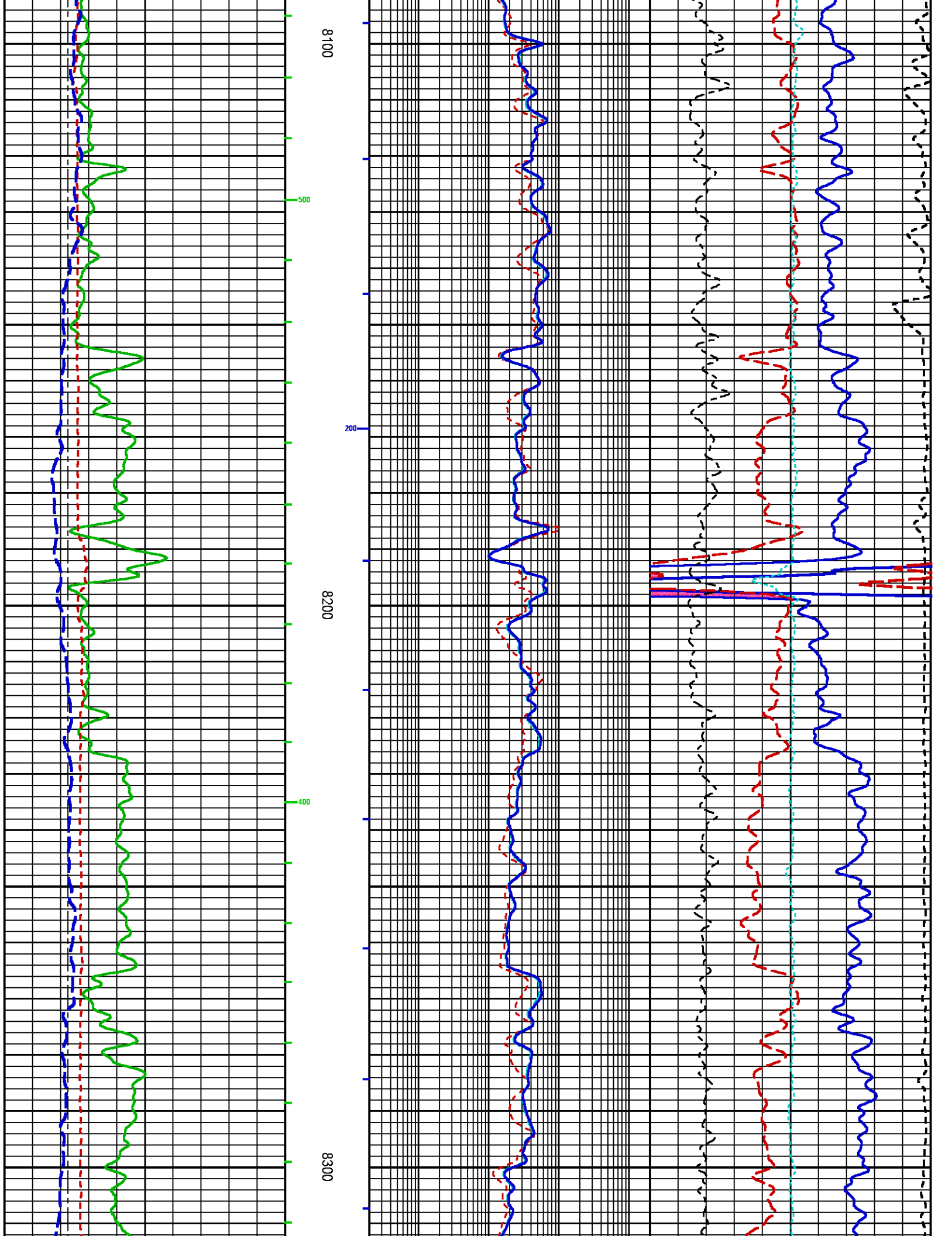


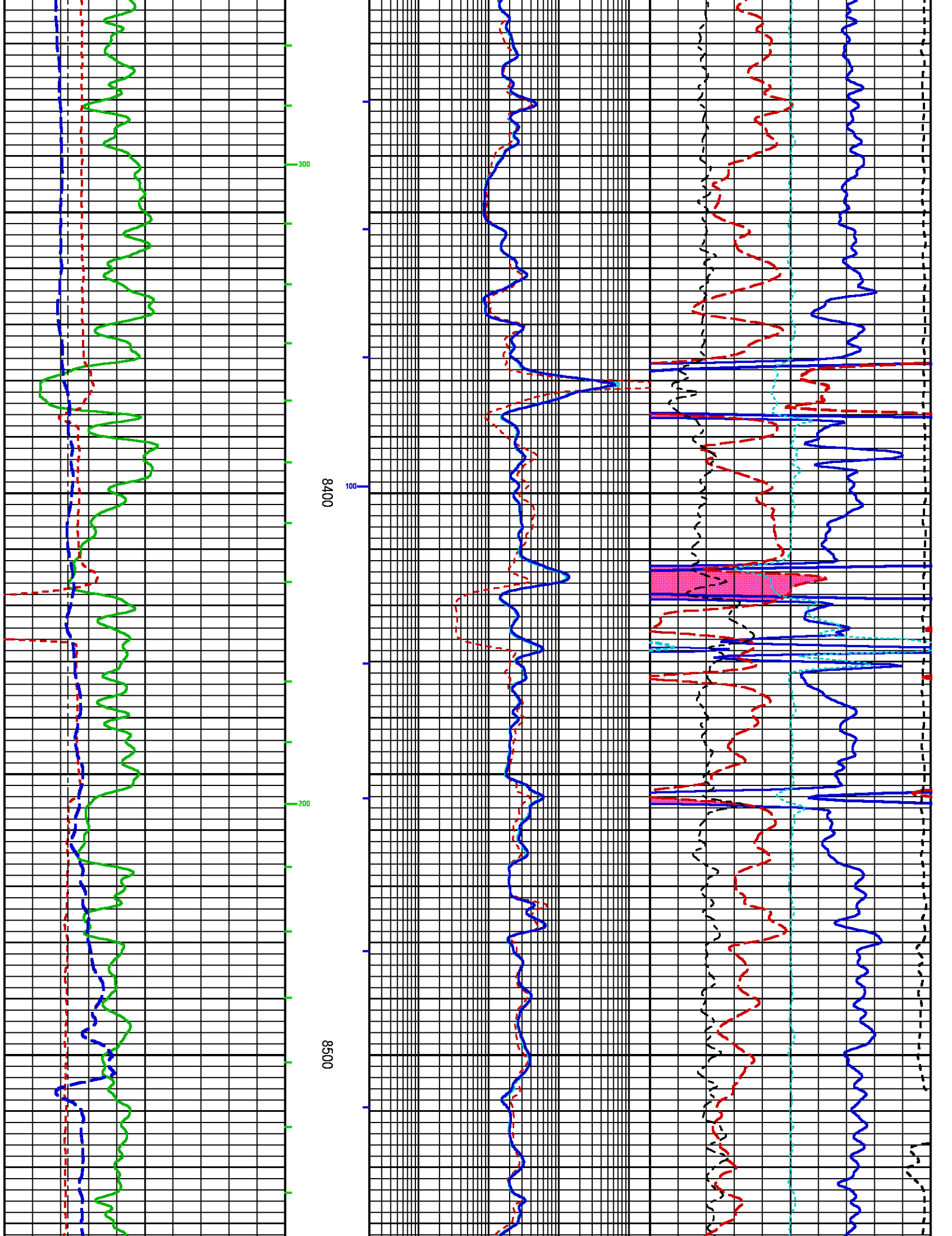


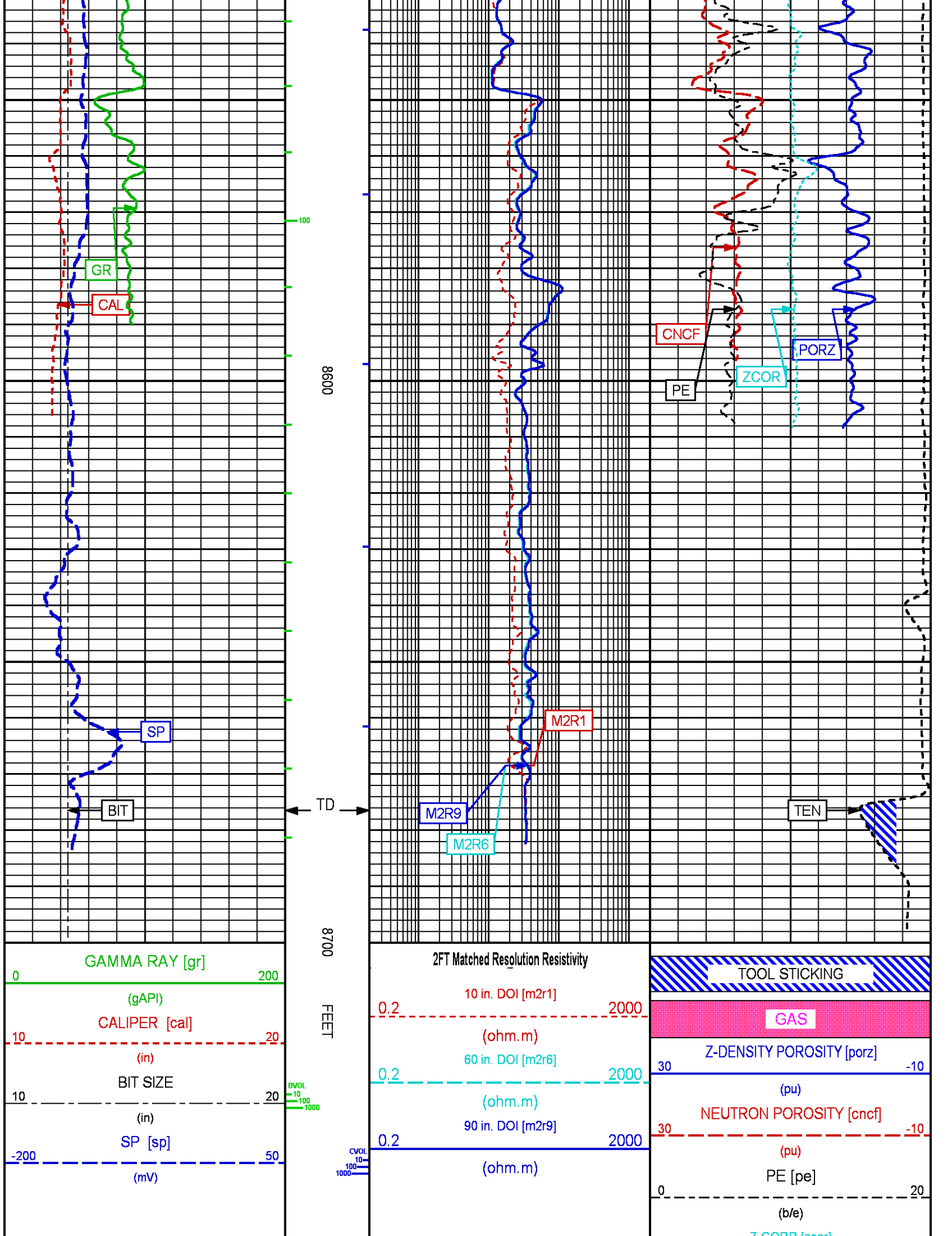














REPEAT LOG

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

Plotted: Fri Jun 6 05:08:27 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/OH086479/n777q~02.prm

LOGGING MODE: DEPTH DIRECTION: UP

TOP DEPTH: 1972.750 ft BOTTOM DEPTH: 2347.677 ft

SYMMETRIC FILTER					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TTRM	FILTER ( )	medium (1)		TOP	BOTTOM
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
Y AXIS CALIPER	FILTER ( )	medium (1)		"	"
TENSION	FILTER ( )	medium (1)		"	"
GR	FILTER ( )	medium (1)		"	"
CN	FILTER ( )	medium (1)		"	"
CALIPER	FILTER ( )	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
ZDL MED RES	FILTER (hrd1*)	medium		"	"
	FILTER (hrd1s*)	medium		"	"
	FILTER (hrd2*)	medium		"	"
	FILTER (hrd2s*)	medium		"	"
	FILTER (soft*)	medium		"	"
SP-SPDH	FILTER ( )	heavy (3)		"	"

BOREHOLE & CEMENT					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	9.625	in	TOP	BOTTOM
	CASING THICKNESS	0.000	in	"	"
BIT SIZE	BIT SIZE	12.250	in	"	"
MUD SAMPLE RESISTIVITY	MUD SAMPLE TEMP	85.0	degF	"	"
	MUD SAMPLE RES	1.090	ohm.m	"	"
BOREHOLE TEMP from GRADIENT	Known BH REF TEMP	77.0	degF	"	"
	at BH REF DEPTH	0.0	ft	"	"
	with TEMP GRADIENT	1.200	0.01 degF/ft	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		"	"
	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (cnbh*)	12.250	in	"	"
	FIXED DIAMETER (mbh*)	12.250	in	"	"
BH MUD RESISTIVITY SOURCE	RMUD SOURCE (HDIL)	TOOL MEASURED		"	"

CN PROCESSING					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
2446 CN MATRIX	2446 MATRIX	SANDSTONE		TOP	BOTTOM
CN SALINITY CORRECTION	SALINITY	1398	ppm	"	"

CN TOOL STANDOFF	STANDOFF AMOUNT	0.00	in	"	"
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		"	"
	BIT SIZE BEHIND CSNG	13.375	in	"	"

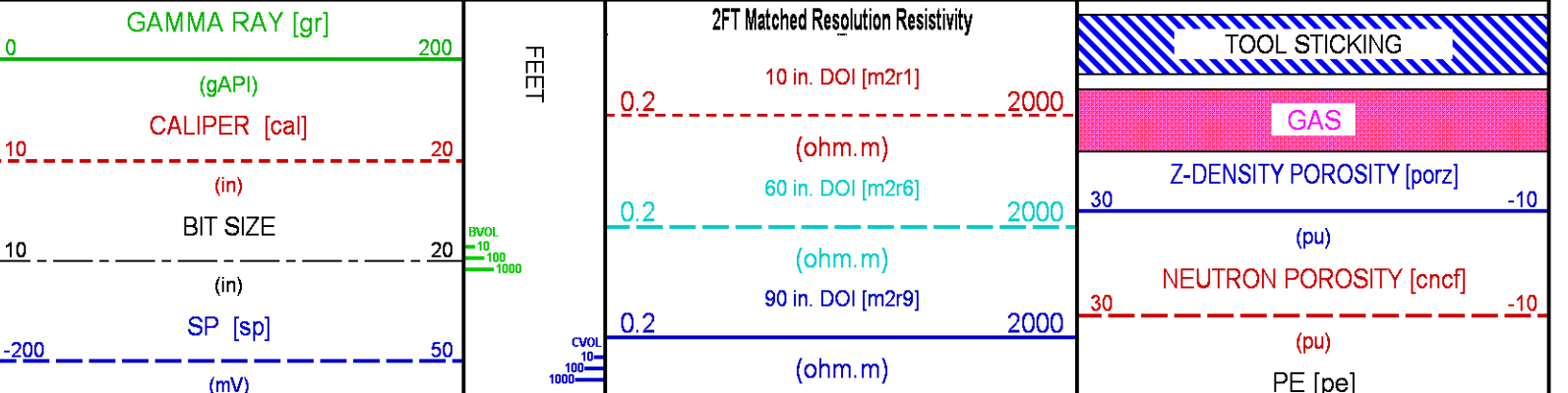
ZDL PROCESSING					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
DENSITY POROSITY	RHOmatrix	2.680	g/cm3	TOP	BOTTOM
	RHOfluid	1.000	g/cm3	"	"
ZDL	DENX TRACKING	ON		"	"

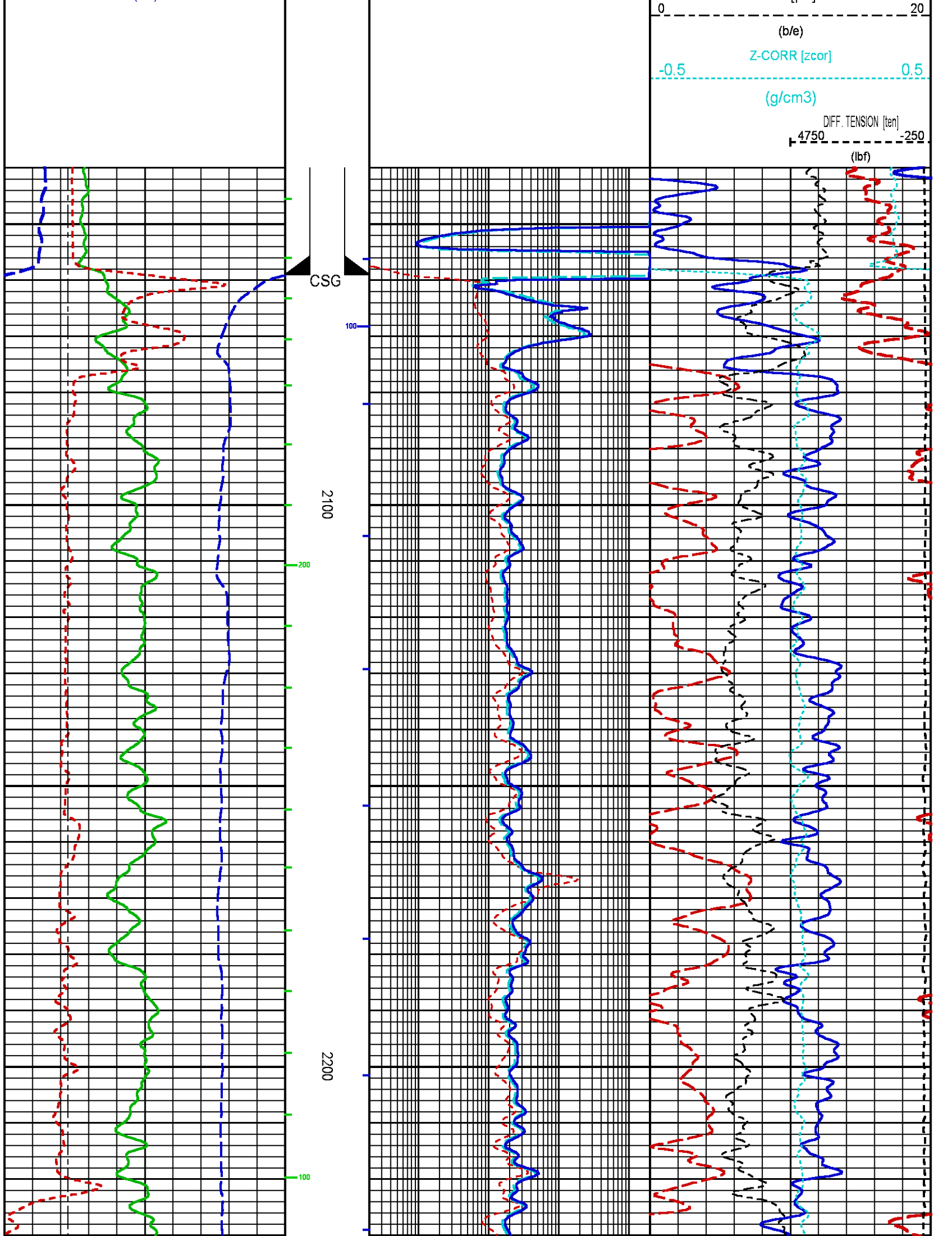
HDIL PROCESSING					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"
	ABC to CALCULATE	STANDOFF		"	"
	STANDOFF	1.50	in	"	"
	TOOL POSITION	ECCENTERED		"	"
	Rmud MULTIPLIER	1.000		"	"

CURVE DESCRIPTION REPORT		
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Jun 6 02:30:39 2014	BIT SIZE
F1:BVOL	Jun 6 02:30:39 2014	BOREHOLE VOLUME
F1:CAL	Jun 6 02:30:39 2014	CALIPER
F1:CNCF	Jun 6 02:30:39 2014	FIELD NORMALIZED COMPENSATED NEUTRON POROSITY
F1:CVOL	Jun 6 02:30:39 2014	CEMENT VOLUME
F1:GR	Jun 6 02:30:39 2014	GAMMA RAY
F1:M2R1	Jun 6 02:30:39 2014	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 10-INCH DOI
F1:M2R6	Jun 6 02:30:39 2014	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 60-INCH DOI
F1:M2R9	Jun 6 02:30:39 2014	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 90-INCH DOI
F1:PE	Jun 6 02:30:39 2014	PHOTO ELECTRIC CROSS-SECTION
F1:PORZ	Jun 6 02:30:39 2014	POROSITY FOR SELECTABLE MATRIX
F1:SP	Jun 6 02:30:39 2014	SPONTANEOUS POTENTIAL
F1:TEN	Jun 6 02:30:39 2014	DIFFERENTIAL TENSION
F1:ZCOR	Jun 6 02:30:39 2014	DENSITY CORRECTION

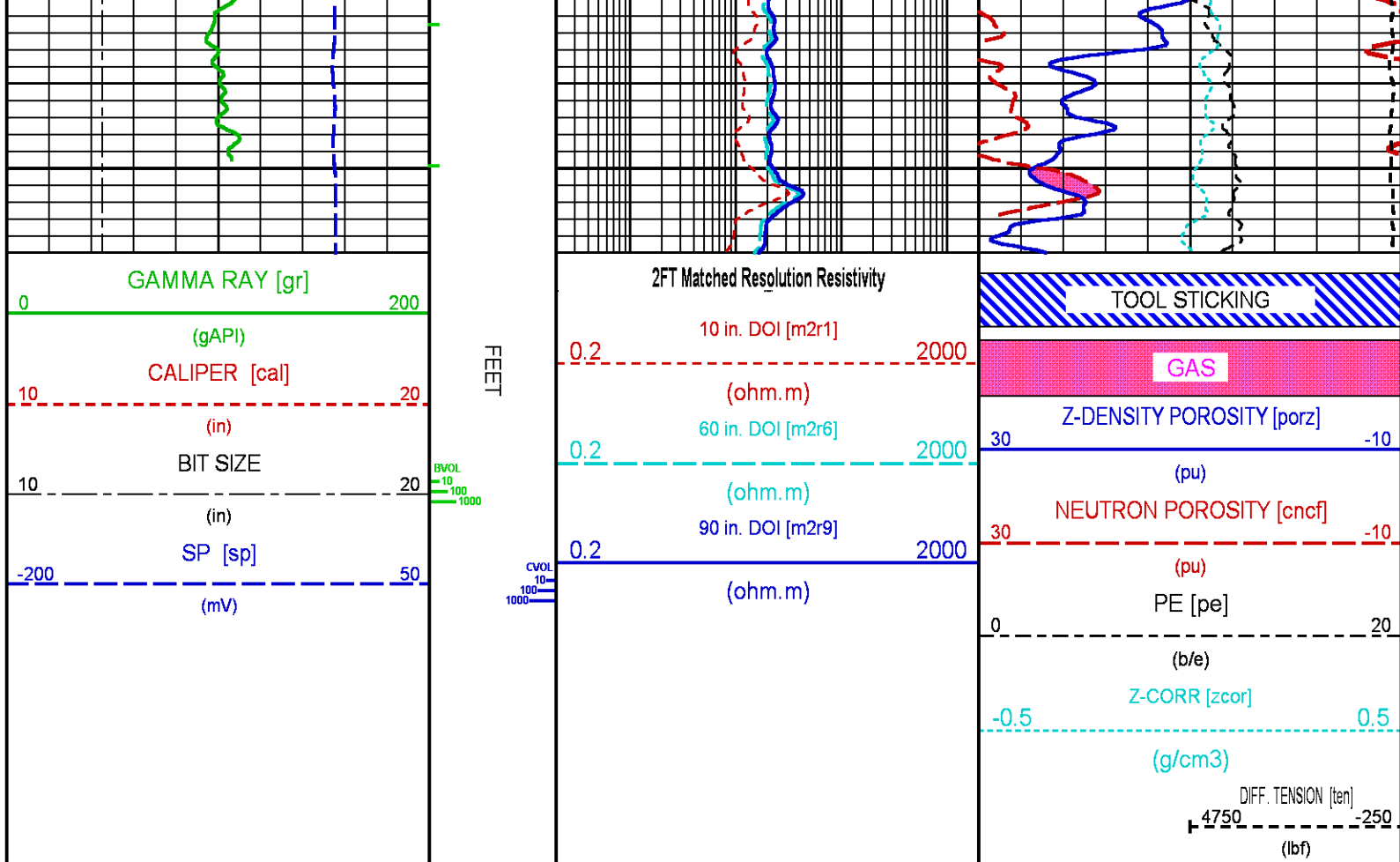
CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	GR	107.25	M2R9	8.00	SP	14.00
CAL	90.00	M2R1	8.00	PE	89.25	TEN	0.00
CNCF	100.25	M2R6	8.00	PORZ	89.25	ZCOR	89.25

<b>Presentation</b>	: HL6670:WPX_REPEAT.fvpdf [5"/100' Scale]
<b>Plot Interval</b>	: 2040 - 2260 Feet
<b>Data File 1</b>	: F1 : HL6670:/dat1a/OH086479/n777q~02.xtf
<b>Created On</b>	: Jun 6 02:30:39 2014
<b>Company</b>	: WPX ENERGY INC
<b>Well</b>	: PUCKETT LAND COMPANY PA 744-26
<b>Field</b>	: PARACHUTE
<b>File Interval</b>	: 1865.5 - 2358.25 Feet
<b>OCT</b>	: n777q~









## CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/OH086479/086479.tp1

### CHT PRIMARY CALIBRATION SUMMARY

TOOL #: 3981XA 10516527

DATE/TIME PERFORMED: Thu Jun 5 23:03:31 2014

UNIT #: 3880TA HL6670

	Signal Low (raw)	Signal High (raw)	Scale Mult	Scale Add	Engr Low (lbf)	Engr High (lbf)
CHT	-114.92	441.45	4.46	272.65	-240.00	2242.00

### GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1329XA 10196895

DATE/TIME PERFORMED: Tue Jun 3 11:41:15 2014

UNIT #: 3880TA HL6670 CALB JIG #: 4702NK VBA-905

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	331.93	1231.27	899.3	0.167	55.36	205.36	150
			890.0 980.0				

### GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1329XA 10196895

DATE/TIME PERFORMED: Tue Jun 3 11:52:52 2014

UNIT #: 3880TA HL6670 VERI JIG #: 4702NK VBA-905

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	326.98	1207.64	0.167	54.54	201.42	146.89
						142.00 150.00

## GR BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10196895 DATE/TIME PERFORMED: Thu Jun 5 23:08:33 2014 DAYS SINCE CAL: 2

UNIT #: 3880TA HL6670 VERI JIG #: 4702NK VBA-905

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	115.36	1022.93	0.167	19.24	170.62	151.38
						136.99 166.99

## GR AFTER LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10196895 DATE/TIME PERFORMED: Fri Jun 6 08:49:32 2014 DAYS SINCE CAL: 2

UNIT #: 3880TA HL6670 VERI JIG #: 4702NK VBA-905

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	114.02	1020.67	0.167	19.02	170.24	151.22
						141.38 161.38

## CN PRIMARY CALIBRATION SUMMARY

TOOL #: 2446XA 10202034 DATE/TIME PERFORMED: Wed May 21 12:04:34 2014

UNIT #: 3885TC 6685 CALIBRATOR #: 2437XB 112674 SOURCE #: 4717XS N-1026

	MEASURED CPS	DEADTM CORR CPS	DTC SSN/LSN	NOMINAL SSN/LSN	CORRECTION FACTOR	POROSITY (pu)
LSN	622.87	632.32				
SSN	1664.55	1721.88				
RATIO			2.72311	2.75100	1.01024	
					0.97000 1.07000	
CN						21.358

## CN PRIMARY VERIFICATION SUMMARY

TOOL #: 2446XA 10202034 DATE/TIME PERFORMED: Wed May 21 12:12:50 2014

UNIT #: 3885TC 6685 ICE BLOCK #: 4717ND VD-0147

	MEASURED CPS	DEADTM CORR CPS	DTC SSN/LSN	CORRECTION FACTOR	DTC CORR SSN/LSN	POROSITY (pu)
LSN	1585.99	1648.79				
SSN	3694.06	3988.84				
RATIO			2.41926	1.01024	2.44533	
CN						17.125

## CN BEFORE LOG VERIFICATION SUMMARY

TOOL #: 2446XA 10202034 DATE/TIME PERFORMED: Thu Jun 5 23:11:31 2014 DAYS SINCE CAL: 15

UNIT #: 3880TA HL6670 ICE BLOCK #: 4717ND VD-0147

	MEASURED CPS	DEADTM CORR CPS	DTC SSN/LSN	CORRECTION FACTOR	DTC CORR SSN/LSN	POROSITY (pu)
LSN	1593.72	1657.15				
SSN	3698.99	3994.57				
RATIO			2.41051	1.01024	2.43668	
CN						17.010
						16.125 19.125

## CN AFTER LOG VERIFICATION SUMMARY

TOOL #: 2446XA 10202034 DATE/TIME PERFORMED: Fri Jun 6 08:46:41 2014 DAYS SINCE CAL: 15

UNIT #: 3880TA HL6670 ICE BLOCK #: 4717ND VD-0147

	MEASURED CPS	DEADTM CORR CPS	DTC SSN/LSN	CORRECTION FACTOR	DTC CORR SSN/LSN	POROSITY (pu)
LSN	1562.09	1622.97				

LSN	1502.09	1022.97			
SSN	3663.09	3952.74			
RATIO		2.43550	1.01024	2.46181	
CN				17.345	
				16.010	19.010

### CAL PRIMARY CALIBRATION SUMMARY

TOOL #: 2234XA 153015 DATE/TIME PERFORMED: Tue Jun 3 11:11:27 2014  
UNIT #: 3880TA HL6670

	SMALL RING	LARGE RING	MULT	ADD	SMALL RING	LARGE RING
					(in)	(in)
CALIPER	1361.2	1885.6	0.00763	-3.38291	7.000	11.000

### CAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 2234XA 153015 DATE/TIME PERFORMED: Fri Jun 6 02:23:09 2014 DAYS SINCE CAL: 2  
UNIT #: 3880TA HL6670

	I.D.	MULT	ADD	I.D.
				(in)
CALIPER	2070.8	0.00763	-3.38058	12.415

### CAL AFTER LOG VERIFICATION SUMMARY

TOOL #: 2234XA 153015 DATE/TIME PERFORMED: Fri Jun 6 08:14:55 2014 DAYS SINCE CAL: 2  
UNIT #: 3880TA HL6670

	I.D.	MULT	ADD	I.D.
				(in)
CALIPER	2076.8	0.00763	-3.38058	12.461 11.915 12.915

### ZDL PRIMARY CALIBRATION SUMMARY

TOOL: 2234XA 153015 DATE/TIME PERFORMED: Tue Jun 3 10:47:29 2014  
UNIT: 3880TA HL6670 CALB BLKS: 2225XA 094292 CS SRC: 4703NT 34631B

	SS CS PK (Channel)	LS CS PK (Channel)	SS_BKGD (cps)	LS BKGD (cps)		
	223.6 220.0 230.0	224.4 220.0 230.0	1195.1	1544.0		
	SS (cps)	LS (cps)	SHR	DEN (g/cm3)	CORR (g/cm3)	PE (b/e)
MG (LO PE)	22707.2	11849.5	0.607 0.585 0.665	1.697	0.002	2.300
AL	13238.0	1190.6		2.717	-0.004	
AL + SHIM	18364.8	2109.4		2.629	0.157	
MG + SHIM (HI PE)	10893.6	5579.7	0.239 0.210 0.270			8.730
RATIO AL + SHIM/AL	1.39 1.32 1.42	1.77 1.64 1.84				
RATIO MG/AL	1.72 1.65 1.78	9.95 9.40 10.20				

### ZDL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 2234XA 153015 DATE/TIME PERFORMED: Fri Jun 6 02:09:26 2014 DAYS SINCE CAL: 2  
UNIT #: 3880TA HL6670

	TOTAL (cps)	CSPK (Channel)	HV (V)
LS	1543.9 1444.0 1644.0	226.8 220.0 230.0	1154.0 1100.0 1650.0
SS	1207.2 1095.1 1295.1	223.9 220.0 230.0	1260.0 1100.0 1650.0
	LV (V)	PAD CURRENT (mA)	

4.8	5.0	5.2	50.0	73.1	120.0
-----	-----	-----	------	------	-------

## ZDL AFTER LOG VERIFICATION SUMMARY

TOOL #: 2234XA 153015

DATE/TIME PERFORMED: Fri Jun 6 08:53:02 2014

DAYS SINCE CAL: 2

UNIT #: 3880TA HL6670

LS	TOTAL (cps)	1528.6	CSPK (Channel)	225.0	HV (V)	1160.8
	1444.0	1644.0	220.0	230.0	1100.0	1560.0
SS	1189.7		221.9		1259.6	
	1095.1	1295.1	220.0	230.0	1100.0	1560.0
						LV (V)
						5.0
						4.8
						5.2
						PAD CURRENT (mA)
						67.2
						60.0
						120.0

## HDIL PRIMARY CALIBRATION SUMMARY

TOOL #: 1515MA 10037719

DATE/TIME PERFORMED: Mon Jan 20 14:47:06 2014

UNIT #: 3880TA HL6670

GRCOND ID &amp; DATE: 126 083096

ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	0.002 -0.200 0.200	0.002 -0.100 0.100	0.002 -0.100 0.100	0.000 -0.100 0.100	-0.001 -0.100 0.100	0.001 -0.100 0.100	-0.000 -0.100 0.100	-0.001 -0.100 0.100
Coil 0 Q	0.007 -1.000 1.000	0.009 -0.200 0.200	0.002 -0.100 0.100	0.003 -0.100 0.100	0.004 -0.100 0.100	0.002 -0.100 0.100	-0.000 -0.100 0.100	-0.000 -0.100 0.100
Coil 1 R	-0.004 -0.200 0.200	-0.002 -0.100 0.100	0.000 -0.100 0.100	0.005 -0.100 0.100	0.004 -0.100 0.100	0.001 -0.100 0.100	-0.001 -0.100 0.100	-0.002 -0.100 0.100
Coil 1 Q	-0.008 -1.000 1.000	-0.009 -0.200 0.200	-0.006 -0.100 0.100	-0.002 -0.100 0.100	0.000 -0.100 0.100	0.003 -0.100 0.100	0.003 -0.100 0.100	0.001 -0.100 0.100
Coil 2 R	0.004 -0.200 0.200	0.006 -0.100 0.100	0.006 -0.100 0.100	0.004 -0.100 0.100	0.004 -0.100 0.100	0.006 -0.100 0.100	0.009 -0.100 0.100	0.010 -0.100 0.100
Coil 2 Q	-0.002 -1.000 1.000	0.001 -0.200 0.200	0.000 -0.100 0.100	-0.000 -0.100 0.100	-0.004 -0.100 0.100	-0.004 -0.100 0.100	-0.004 -0.100 0.100	-0.002 -0.100 0.100
Coil 3 R	0.006 -0.100 0.100	0.007 -0.100 0.100	0.008 -0.100 0.100	0.006 -0.100 0.100	0.006 -0.100 0.100	0.003 -0.100 0.100	0.004 -0.100 0.100	0.002 -0.100 0.100
Coil 3 Q	-0.008 -0.500 0.500	-0.004 -0.200 0.200	0.002 -0.100 0.100	0.002 -0.100 0.100	-0.001 -0.100 0.100	0.001 -0.100 0.100	-0.002 -0.100 0.100	-0.001 -0.100 0.100
Coil 4 R	-0.004 -0.200 0.200	-0.003 -0.200 0.200	0.000 -0.200 0.200	-0.000 -0.200 0.200	0.005 -0.200 0.200	0.006 -0.200 0.200	0.005 -0.200 0.200	0.007 -0.200 0.200
Coil 4 Q	-0.008 -1.000 1.000	-0.001 -0.400 0.400	-0.001 -0.200 0.200	0.000 -0.200 0.200	-0.007 -0.200 0.200	-0.004 -0.200 0.200	-0.003 -0.200 0.200	0.000 -0.200 0.200
Coil 5 R	0.005 -0.400 0.400	0.003 -0.400 0.400	0.009 -0.400 0.400	0.009 -0.400 0.400	-0.002 -0.400 0.400	0.004 -0.400 0.400	0.005 -0.400 0.400	0.004 -0.400 0.400
Coil 5 Q	-0.005 -2.000 2.000	0.002 -0.800 0.800	0.006 -0.400 0.400	0.008 -0.400 0.400	0.003 -0.400 0.400	0.012 -0.400 0.400	-0.000 -0.400 0.400	-0.005 -0.400 0.400
Coil 6 R	-0.013 -1.000 1.000	0.016 -1.000 1.000	-0.019 -1.000 1.000	-0.002 -1.000 1.000	-0.008 -1.000 1.000	0.002 -1.000 1.000	0.001 -1.000 1.000	0.032 -1.000 1.000
Coil 6 Q	0.010 -5.000 5.000	-0.003 -2.000 2.000	0.006 -1.000 1.000	-0.003 -1.000 1.000	-0.005 -1.000 1.000	-0.017 -1.000 1.000	-0.012 -1.000 1.000	-0.005 -1.000 1.000

ELEC. GAINS	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	125.56 100.00 150.00	124.07 100.00 150.00	121.17 99.00 150.00	116.96 96.00 140.00	111.53 92.00 140.00	105.14 87.00 130.00	97.64 82.00 120.00	89.46 76.00 110.00
Coil 0 P	7.720 6.000 9.000	24.297 19.000 29.000	40.614 32.000 47.000	56.846 44.000 66.000	73.005 57.000 85.000	89.211 70.000 100.000	105.261 82.000 120.000	121.397 95.000 140.000
Coil 1 M	217.91 180.00 270.00	215.29 180.00 270.00	210.30 170.00 260.00	202.98 170.00 260.00	193.60 160.00 250.00	182.50 160.00 230.00	169.46 150.00 220.00	155.27 140.00 200.00
Coil 1 P	7.696 6.000 9.000	24.246 19.000 29.000	40.521 32.000 48.000	56.735 45.000 67.000	72.881 57.000 86.000	89.012 70.000 110.000	105.062 83.000 120.000	121.231 96.000 140.000
Coil 2 M	436.05 380.00 540.00	430.98 360.00 540.00	421.26 360.00 530.00	407.00 340.00 510.00	388.43 330.00 500.00	366.45 310.00 470.00	340.70 300.00 440.00	312.16 270.00 410.00
Coil 2 P	7.883 6.000 9.000	24.793 19.000 29.000	41.460 32.000 48.000	58.064 45.000 67.000	74.574 58.000 87.000	91.207 71.000 110.000	107.653 84.000 130.000	124.246 96.000 140.000
Coil 3 M	707.25 590.00 890.00	698.26 580.00 870.00	681.02 570.00 850.00	655.98 550.00 830.00	624.05 530.00 800.00	586.83 500.00 760.00	544.23 470.00 710.00	498.72 440.00 650.00
Coil 3 P	7.849 6.000 10.000	24.750 20.000 29.000	41.335 33.000 49.000	57.794 46.000 69.000	74.101 59.000 89.000	90.378 72.000 110.000	106.417 85.000 130.000	122.488 98.000 150.000
Coil 4 M	1138.1 900.0 1400.0	1121.1 900.0 1300.0	1089.1 900.0 1300.0	1043.5 850.0 1300.0	986.7 800.0 1200.0	922.7 800.0 1200.0	851.5 750.0 1100.0	777.1 700.0 1000.0
Coil 4 P	8.082 6.000 10.000	25.375 20.000 30.000	42.288 33.000 50.000	59.012 48.000 70.000	75.437 60.000 90.000	91.687 73.000 110.000	107.650 86.000 130.000	123.478 99.000 150.000
Coil 5 M	2364.9 1900.0 2800.0	2334.3 1800.0 2800.0	2275.3 1800.0 2700.0	2190.0 1800.0 2600.0	2080.7 1700.0 2500.0	1953.9 1600.0 2400.0	1808.5 1500.0 2200.0	1653.5 1400.0 2100.0
Coil 5 P	8.215 6.000 10.000	25.787 20.000 31.000	43.065 34.000 51.000	60.223 48.000 72.000	77.222 62.000 93.000	94.151 76.000 110.000	110.852 89.000 130.000	127.528 100.000 150.000
Coil 6 M	6019.4 4700.0 7100.0	5941.0 4700.0 7000.0	5788.5 4600.0 6900.0	5570.2 4400.0 6600.0	5290.0 4200.0 6400.0	4963.2 4000.0 6000.0	4587.5 3700.0 5600.0	4184.2 3400.0 5100.0
Coil 6 P	8.163 7.000 10.000	25.893 22.000 32.000	43.275 36.000 54.000	60.549 51.000 76.000	77.668 65.000 98.000	94.722 80.000 120.000	111.567 94.000 140.000	128.365 110.000 160.000

0 KHz

Coil 0 R	<div><div>483</div><div>-200900</div></div>	<div><div>-87</div><div>-500200</div></div>	<div><div>-144</div><div>-600100</div></div>	<div><div>-156</div><div>-60050</div></div>	<div><div>-157</div><div>-50020</div></div>	<div><div>-155</div><div>-50020</div></div>	<div><div>-153</div><div>-50020</div></div>	<div><div>-150</div><div>-50020</div></div>
Coil 0 Q	<div><div>2334</div><div>-30006000</div></div>	<div><div>826</div><div>-10002000</div></div>	<div><div>459</div><div>-10001200</div></div>	<div><div>286</div><div>-500900</div></div>	<div><div>182</div><div>-400700</div></div>	<div><div>109</div><div>-400600</div></div>	<div><div>53</div><div>-400500</div></div>	<div><div>7</div><div>-400400</div></div>
Coil 1 R	<div><div>568</div><div>-450650</div></div>	<div><div>87</div><div>20130</div></div>	<div><div>22</div><div>-3060</div></div>	<div><div>1</div><div>-5040</div></div>	<div><div>-10</div><div>-5530</div></div>	<div><div>-16</div><div>-6020</div></div>	<div><div>-20</div><div>-6010</div></div>	<div><div>-23</div><div>-6010</div></div>
Coil 1 Q	<div><div>1327</div><div>02500</div></div>	<div><div>526</div><div>0900</div></div>	<div><div>327</div><div>0600</div></div>	<div><div>236</div><div>0450</div></div>	<div><div>184</div><div>0350</div></div>	<div><div>146</div><div>0300</div></div>	<div><div>121</div><div>0250</div></div>	<div><div>100</div><div>0250</div></div>
Coil 2 R	<div><div>186.9</div><div>-140.0230.0</div></div>	<div><div>27.5</div><div>0.051.0</div></div>	<div><div>7.0</div><div>-10.025.0</div></div>	<div><div>0.6</div><div>-15.015.0</div></div>	<div><div>-2.9</div><div>-16.010.0</div></div>	<div><div>-4.5</div><div>-16.07.0</div></div>	<div><div>-5.8</div><div>-16.06.0</div></div>	<div><div>-6.8</div><div>-16.03.0</div></div>
Coil 2 Q	<div><div>442.6</div><div>-200.01000.0</div></div>	<div><div>177.0</div><div>0.0350.0</div></div>	<div><div>113.2</div><div>0.0220.0</div></div>	<div><div>85.0</div><div>0.0160.0</div></div>	<div><div>69.9</div><div>0.0130.0</div></div>	<div><div>60.3</div><div>0.0110.0</div></div>	<div><div>53.5</div><div>0.0100.0</div></div>	<div><div>49.4</div><div>0.090.0</div></div>
Coil 3 R	<div><div>49.6</div><div>-37.062.0</div></div>	<div><div>7.2</div><div>0.012.0</div></div>	<div><div>2.0</div><div>-3.06.0</div></div>	<div><div>0.5</div><div>-4.04.0</div></div>	<div><div>-0.4</div><div>-5.02.0</div></div>	<div><div>-0.9</div><div>-6.01.0</div></div>	<div><div>-1.5</div><div>-6.01.0</div></div>	<div><div>-2.1</div><div>-6.01.0</div></div>
Coil 3 Q	<div><div>83.4</div><div>-140.0280.0</div></div>	<div><div>37.1</div><div>-40.0100.0</div></div>	<div><div>26.8</div><div>-20.070.0</div></div>	<div><div>23.1</div><div>-10.060.0</div></div>	<div><div>22.0</div><div>-10.050.0</div></div>	<div><div>22.1</div><div>-10.060.0</div></div>	<div><div>22.6</div><div>-10.050.0</div></div>	<div><div>23.4</div><div>-10.060.0</div></div>
Coil 4 R	<div><div>11.61</div><div>2.0018.00</div></div>	<div><div>1.33</div><div>-3.006.00</div></div>	<div><div>-0.19</div><div>-3.503.00</div></div>	<div><div>-0.74</div><div>-3.902.00</div></div>	<div><div>-1.01</div><div>-4.202.00</div></div>	<div><div>-1.24</div><div>-4.502.00</div></div>	<div><div>-1.43</div><div>-4.702.00</div></div>	<div><div>-1.41</div><div>-5.002.00</div></div>
Coil 4 Q	<div><div>21.84</div><div>-100.00100.00</div></div>	<div><div>12.42</div><div>-30.0050.00</div></div>	<div><div>11.77</div><div>-20.0040.00</div></div>	<div><div>12.79</div><div>-10.0040.00</div></div>	<div><div>14.35</div><div>-10.0040.00</div></div>	<div><div>16.30</div><div>-10.0045.00</div></div>	<div><div>18.31</div><div>-10.0050.00</div></div>	<div><div>20.31</div><div>-10.0060.00</div></div>
Coil 5 R	<div><div>2.57</div><div>-2.005.80</div></div>	<div><div>0.12</div><div>-3.202.40</div></div>	<div><div>-0.24</div><div>-4.503.10</div></div>	<div><div>-0.30</div><div>-4.703.20</div></div>	<div><div>-0.36</div><div>-4.803.20</div></div>	<div><div>-0.62</div><div>-5.003.30</div></div>	<div><div>-0.48</div><div>-5.203.40</div></div>	<div><div>-0.50</div><div>-5.403.50</div></div>
Coil 5 Q	<div><div>16.74</div><div>-80.0070.00</div></div>	<div><div>8.87</div><div>-20.0030.00</div></div>	<div><div>9.13</div><div>-20.0030.00</div></div>	<div><div>10.52</div><div>-20.0035.00</div></div>	<div><div>12.26</div><div>-20.0045.00</div></div>	<div><div>14.38</div><div>-20.0050.00</div></div>	<div><div>16.33</div><div>-20.0060.00</div></div>	<div><div>18.50</div><div>-30.0070.00</div></div>
Coil 6 R	<div><div>-2.45</div><div>-4.801.00</div></div>	<div><div>-0.38</div><div>-5.703.80</div></div>	<div><div>-0.16</div><div>-6.504.90</div></div>	<div><div>-0.16</div><div>-6.905.40</div></div>	<div><div>-0.21</div><div>-7.305.80</div></div>	<div><div>-0.22</div><div>-7.506.00</div></div>	<div><div>-0.30</div><div>-7.706.10</div></div>	<div><div>-0.34</div><div>-7.906.30</div></div>
Coil 6 Q	<div><div>2.55</div><div>-30.0030.00</div></div>	<div><div>3.41</div><div>-20.0025.00</div></div>	<div><div>5.61</div><div>-20.0035.00</div></div>	<div><div>7.98</div><div>-30.0050.00</div></div>	<div><div>10.23</div><div>-35.0060.00</div></div>	<div><div>12.54</div><div>-40.0070.00</div></div>	<div><div>14.73</div><div>-50.0080.00</div></div>	<div><div>17.02</div><div>-60.00100.00</div></div>

MM Factor

10 KHz

30 KHz

50 KHz

70 KHz

10 KHz

0 KHz

0 KHz

0 KHz

Coil 0 M	<div>1.005</div> <div>0.9001.100</div>	<div>1.000</div> <div>0.9001.100</div>	<div>0.994</div> <div>0.9001.100</div>	<div>0.993</div> <div>0.9001.100</div>	<div>0.991</div> <div>0.9001.100</div>	<div>0.990</div> <div>0.9001.100</div>	<div>0.990</div> <div>0.9001.100</div>	<div>0.990</div> <div>0.9001.100</div>
Coil 0 P	<div>0.340</div> <div>-2.0002.000</div>	<div>0.477</div> <div>-2.0002.000</div>	<div>0.518</div> <div>-2.0002.000</div>	<div>0.444</div> <div>-2.0002.000</div>	<div>0.381</div> <div>-2.0002.000</div>	<div>0.301</div> <div>-2.0002.000</div>	<div>0.250</div> <div>-2.0002.000</div>	<div>0.214</div> <div>-2.0002.000</div>
Coil 1 M	<div>0.986</div> <div>0.9001.100</div>	<div>0.983</div> <div>0.9001.100</div>	<div>0.978</div> <div>0.9001.100</div>	<div>0.977</div> <div>0.9001.100</div>	<div>0.975</div> <div>0.9001.100</div>	<div>0.974</div> <div>0.9001.100</div>	<div>0.973</div> <div>0.9001.100</div>	<div>0.973</div> <div>0.9001.100</div>
Coil 1 P	<div>0.188</div> <div>-2.0002.000</div>	<div>0.359</div> <div>-2.0002.000</div>	<div>0.431</div> <div>-2.0002.000</div>	<div>0.447</div> <div>-2.0002.000</div>	<div>0.416</div> <div>-2.0002.000</div>	<div>0.344</div> <div>-2.0002.000</div>	<div>0.298</div> <div>-2.0002.000</div>	<div>0.280</div> <div>-2.0002.000</div>
Coil 2 M	<div>1.010</div> <div>0.9001.100</div>	<div>1.007</div> <div>0.9001.100</div>	<div>1.006</div> <div>0.9001.100</div>	<div>1.005</div> <div>0.9001.100</div>	<div>1.004</div> <div>0.9001.100</div>	<div>1.003</div> <div>0.9001.100</div>	<div>1.003</div> <div>0.9001.100</div>	<div>1.001</div> <div>0.9001.100</div>
Coil 2 P	<div>0.091</div> <div>-2.0002.000</div>	<div>0.101</div> <div>-2.0002.000</div>	<div>0.155</div> <div>-2.0002.000</div>	<div>0.193</div> <div>-2.0002.000</div>	<div>0.175</div> <div>-2.0002.000</div>	<div>0.202</div> <div>-2.0002.000</div>	<div>0.170</div> <div>-2.0002.000</div>	<div>0.202</div> <div>-2.0002.000</div>
Coil 3 M	<div>1.000</div> <div>0.9001.100</div>	<div>0.999</div> <div>0.9001.100</div>	<div>0.998</div> <div>0.9001.100</div>	<div>0.997</div> <div>0.9001.100</div>	<div>0.996</div> <div>0.9001.100</div>	<div>0.995</div> <div>0.9001.100</div>	<div>0.996</div> <div>0.9001.100</div>	<div>0.998</div> <div>0.9001.100</div>
Coil 3 P	<div>0.078</div> <div>-2.0002.000</div>	<div>0.117</div> <div>-2.0002.000</div>	<div>0.193</div> <div>-2.0002.000</div>	<div>0.220</div> <div>-2.0002.000</div>	<div>0.220</div> <div>-2.0002.000</div>	<div>0.201</div> <div>-2.0002.000</div>	<div>0.152</div> <div>-2.0002.000</div>	<div>0.217</div> <div>-2.0002.000</div>
Coil 4 M	<div>1.009</div> <div>0.9001.100</div>	<div>1.008</div> <div>0.9001.100</div>	<div>1.008</div> <div>0.9001.100</div>	<div>1.007</div> <div>0.9001.100</div>	<div>1.006</div> <div>0.9001.100</div>	<div>1.005</div> <div>0.9001.100</div>	<div>1.004</div> <div>0.9001.100</div>	<div>1.003</div> <div>0.9001.100</div>
Coil 4 P	<div>0.082</div> <div>-2.0002.000</div>	<div>0.127</div> <div>-2.0002.000</div>	<div>0.159</div> <div>-2.0002.000</div>	<div>0.244</div> <div>-2.0002.000</div>	<div>0.248</div> <div>-2.0002.000</div>	<div>0.255</div> <div>-2.0002.000</div>	<div>0.256</div> <div>-2.0002.000</div>	<div>0.221</div> <div>-2.0002.000</div>
Coil 5 M	<div>1.018</div> <div>0.9001.100</div>	<div>1.018</div> <div>0.9001.100</div>	<div>1.018</div> <div>0.9001.100</div>	<div>1.017</div> <div>0.9001.100</div>	<div>1.015</div> <div>0.9001.100</div>	<div>1.016</div> <div>0.9001.100</div>	<div>1.014</div> <div>0.9001.100</div>	<div>1.013</div> <div>0.9001.100</div>
Coil 5 P	<div>0.072</div> <div>-2.0002.000</div>	<div>0.010</div> <div>-2.0002.000</div>	<div>0.089</div> <div>-2.0002.000</div>	<div>0.115</div> <div>-2.0002.000</div>	<div>0.074</div> <div>-2.0002.000</div>	<div>0.027</div> <div>-2.0002.000</div>	<div>0.032</div> <div>-2.0002.000</div>	<div>0.025</div> <div>-2.0002.000</div>
Coil 6 M	<div>1.011</div> <div>0.9001.100</div>	<div>1.013</div> <div>0.9001.100</div>	<div>1.012</div> <div>0.9001.100</div>	<div>1.011</div> <div>0.9001.100</div>	<div>1.010</div> <div>0.9001.100</div>	<div>1.016</div> <div>0.9001.100</div>	<div>1.015</div> <div>0.9001.100</div>	<div>1.013</div> <div>0.9001.100</div>
Coil 6 P	<div>0.004</div> <div>-2.0002.000</div>	<div>0.087</div> <div>-2.0002.000</div>	<div>0.037</div> <div>-2.0002.000</div>	<div>0.132</div> <div>-2.0002.000</div>	<div>0.034</div> <div>-2.0002.000</div>	<div>-0.055</div> <div>-2.0002.000</div>	<div>-0.066</div> <div>-2.0002.000</div>	<div>-0.194</div> <div>-2.0002.000</div>

PARMS

TCID 0

TCID 1

Cal Temp  
(degF)

### T Factor

IDs

---

1,617

---

0.832

61.0

04

## HDIL BEFORE LOG VERIFICATION SUMMARY

TOOL #:

1515MA 10037719

DATE/TIME PERFORMED:

Fri Jun 6 03:06:15 2014

DAYS SINCE CAL:

136

UNIT #:

3880TA HL6670

ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	-0.009 -0.200 0.200	-0.004 -0.100 0.100	-0.002 -0.100 0.100	-0.004 -0.100 0.100	-0.006 -0.100 0.100	-0.003 -0.100 0.100	-0.004 -0.100 0.100	-0.006 -0.100 0.100
Coil 0 Q	0.007 -1.000 1.000	0.010 -0.200 0.200	0.002 -0.100 0.100	0.001 -0.100 0.100	0.003 -0.100 0.100	0.001 -0.100 0.100	-0.001 -0.100 0.100	0.001 -0.100 0.100
Coil 1 R	0.003 -0.200 0.200	-0.000 -0.100 0.100	0.001 -0.100 0.100	0.002 -0.100 0.100	0.000 -0.100 0.100	-0.003 -0.100 0.100	-0.006 -0.100 0.100	-0.007 -0.100 0.100
Coil 1 Q	-0.006 -1.000 1.000	-0.004 -0.200 0.200	-0.003 -0.100 0.100	0.002 -0.100 0.100	0.004 -0.100 0.100	0.002 -0.100 0.100	0.003 -0.100 0.100	0.000 -0.100 0.100
Coil 2 R	-0.008 -0.200 0.200	0.003 -0.100 0.100	0.003 -0.100 0.100	0.001 -0.100 0.100	0.003 -0.100 0.100	0.003 -0.100 0.100	0.007 -0.100 0.100	0.009 -0.100 0.100
Coil 2 Q	0.002 -1.000 1.000	-0.000 -0.200 0.200	0.002 -0.100 0.100	-0.002 -0.100 0.100	-0.003 -0.100 0.100	-0.005 -0.100 0.100	-0.005 -0.100 0.100	-0.003 -0.100 0.100
Coil 3 R	0.008 -0.100 0.100	0.004 -0.100 0.100	0.000 -0.100 0.100	0.005 -0.100 0.100	0.002 -0.100 0.100	0.002 -0.100 0.100	0.002 -0.100 0.100	0.001 -0.100 0.100
Coil 3 Q	-0.013 -0.500 0.500	-0.009 -0.200 0.200	-0.002 -0.100 0.100	-0.001 -0.100 0.100	0.001 -0.100 0.100	0.002 -0.100 0.100	0.001 -0.100 0.100	-0.001 -0.100 0.100
Coil 4 R	-0.017 -0.200 0.200	-0.004 -0.200 0.200	-0.003 -0.200 0.200	-0.006 -0.200 0.200	-0.004 -0.200 0.200	-0.005 -0.200 0.200	-0.001 -0.200 0.200	-0.000 -0.200 0.200

Coil 4 Q	<div>-0.008 -1.000 1.000</div>	<div>-0.000 -0.400 0.400</div>	<div>-0.003 -0.200 0.200</div>	<div>-0.003 -0.200 0.200</div>	<div>0.000 -0.200 0.200</div>	<div>-0.007 -0.200 0.200</div>	<div>-0.004 -0.200 0.200</div>	<div>-0.001 -0.200 0.200</div>
Coil 5 R	<div>-0.003 -0.400 0.400</div>	<div>0.001 -0.400 0.400</div>	<div>0.011 -0.400 0.400</div>	<div>0.004 -0.400 0.400</div>	<div>0.003 -0.400 0.400</div>	<div>0.006 -0.400 0.400</div>	<div>0.000 -0.400 0.400</div>	<div>-0.001 -0.400 0.400</div>
Coil 5 Q	<div>0.000 -2.000 2.000</div>	<div>0.006 -0.800 0.800</div>	<div>0.003 -0.400 0.400</div>	<div>0.007 -0.400 0.400</div>	<div>0.005 -0.400 0.400</div>	<div>0.014 -0.400 0.400</div>	<div>-0.000 -0.400 0.400</div>	<div>0.006 -0.400 0.400</div>
Coil 6 R	<div>-0.038 -1.000 1.000</div>	<div>0.010 -1.000 1.000</div>	<div>-0.024 -1.000 1.000</div>	<div>-0.012 -1.000 1.000</div>	<div>-0.032 -1.000 1.000</div>	<div>0.007 -1.000 1.000</div>	<div>-0.006 -1.000 1.000</div>	<div>0.010 -1.000 1.000</div>
Coil 6 Q	<div>-0.028 -5.000 5.000</div>	<div>-0.005 -2.000 2.000</div>	<div>0.005 -1.000 1.000</div>	<div>-0.001 -1.000 1.000</div>	<div>0.002 -1.000 1.000</div>	<div>-0.018 -1.000 1.000</div>	<div>-0.003 -1.000 1.000</div>	<div>-0.011 -1.000 1.000</div>

ELEC. GAINS	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	<div>126.10 100.00 150.00</div>	<div>124.61 100.00 150.00</div>	<div>121.77 98.00 150.00</div>	<div>117.49 95.00 140.00</div>	<div>112.19 92.00 140.00</div>	<div>105.70 87.00 130.00</div>	<div>98.34 82.00 120.00</div>	<div>90.05 76.00 110.00</div>
Coil 0 P	<div>7.588 6.000 9.000</div>	<div>23.954 19.000 28.000</div>	<div>40.002 32.000 47.000</div>	<div>56.068 44.000 66.000</div>	<div>71.975 57.000 85.000</div>	<div>88.016 70.000 100.000</div>	<div>103.899 82.000 120.000</div>	<div>119.974 95.000 140.000</div>
Coil 1 M	<div>217.91 180.00 270.00</div>	<div>215.33 180.00 270.00</div>	<div>210.33 170.00 260.00</div>	<div>202.98 170.00 260.00</div>	<div>193.85 160.00 260.00</div>	<div>182.55 160.00 230.00</div>	<div>169.97 150.00 220.00</div>	<div>155.53 140.00 200.00</div>
Coil 1 P	<div>7.697 6.000 9.000</div>	<div>24.286 19.000 28.000</div>	<div>40.597 32.000 48.000</div>	<div>56.872 45.000 67.000</div>	<div>73.021 57.000 88.000</div>	<div>89.292 70.000 110.000</div>	<div>105.411 83.000 120.000</div>	<div>121.722 96.000 140.000</div>
Coil 2 M	<div>440.80 360.00 540.00</div>	<div>435.57 360.00 540.00</div>	<div>425.82 360.00 530.00</div>	<div>411.21 340.00 510.00</div>	<div>393.08 330.00 500.00</div>	<div>370.51 310.00 470.00</div>	<div>345.12 300.00 440.00</div>	<div>316.19 270.00 410.00</div>
Coil 2 P	<div>7.882 6.000 9.000</div>	<div>24.799 19.000 29.000</div>	<div>41.459 32.000 48.000</div>	<div>58.077 45.000 67.000</div>	<div>74.597 59.000 87.000</div>	<div>91.265 71.000 110.000</div>	<div>107.758 84.000 130.000</div>	<div>124.496 96.000 140.000</div>
Coil 3 M	<div>712.99 590.00 880.00</div>	<div>703.85 580.00 870.00</div>	<div>686.58 570.00 850.00</div>	<div>661.00 550.00 830.00</div>	<div>629.28 530.00 800.00</div>	<div>591.77 500.00 760.00</div>	<div>549.11 470.00 710.00</div>	<div>502.74 440.00 650.00</div>
Coil 3 P	<div>7.764 6.000 10.000</div>	<div>24.464 20.000 29.000</div>	<div>40.833 33.000 49.000</div>	<div>57.127 46.000 69.000</div>	<div>73.223 59.000 89.000</div>	<div>89.396 72.000 110.000</div>	<div>105.275 85.000 130.000</div>	<div>121.250 98.000 150.000</div>
Coil 4 M	<div>1143.3 900.0 1400.0</div>	<div>1126.2 900.0 1300.0</div>	<div>1094.0 900.0 1300.0</div>	<div>1047.7 850.0 1300.0</div>	<div>991.9 800.0 1200.0</div>	<div>927.3 800.0 1200.0</div>	<div>857.7 750.0 1100.0</div>	<div>782.7 700.0 1000.0</div>
Coil 4 P	<div>8.003 6.000 10.000</div>	<div>25.198 20.000 30.000</div>	<div>41.945 33.000 50.000</div>	<div>58.543 46.000 70.000</div>	<div>74.794 60.000 90.000</div>	<div>90.993 73.000 110.000</div>	<div>106.822 86.000 130.000</div>	<div>122.670 99.000 150.000</div>
Coil 5 M	<div>2374.3 1900.0 2800.0</div>	<div>2343.9 1800.0 2800.0</div>	<div>2285.4 1800.0 2700.0</div>	<div>2199.2 1800.0 2600.0</div>	<div>2092.6 1700.0 2500.0</div>	<div>1964.9 1600.0 2400.0</div>	<div>1821.8 1500.0 2200.0</div>	<div>1665.5 1400.0 2100.0</div>
Coil 5 P	<div>8.238 6.000 10.000</div>	<div>25.918 20.000 31.000</div>	<div>43.267 34.000 51.000</div>	<div>60.551 48.000 72.000</div>	<div>77.622 62.000 93.000</div>	<div>94.731 76.000 110.000</div>	<div>111.561 89.000 130.000</div>	<div>128.480 100.000 160.000</div>
Coil 6 M	<div>6033.4 4700.0 7100.0</div>	<div>5952.7 4700.0 7000.0</div>	<div>5799.8 4600.0 6900.0</div>	<div>5578.7 4400.0 6600.0</div>	<div>5305.4 4200.0 6400.0</div>	<div>4975.5 4000.0 6000.0</div>	<div>4609.8 3700.0 5600.0</div>	<div>4205.3 3400.0 5100.0</div>
Coil 6 P	<div>8.180 7.000 10.000</div>	<div>25.990 22.000 32.000</div>	<div>43.399 36.000 54.000</div>	<div>60.746 51.000 76.000</div>	<div>77.879 65.000 98.000</div>	<div>95.052 80.000 120.000</div>	<div>111.962 94.000 140.000</div>	<div>128.986 110.000 160.000</div>

## HDIL AFTER LOG VERIFICATION SUMMARY

TOOL #:	1515MA 10037719	DATE/TIME PERFORMED:	Fri Jun 6 08:17:04 2014	DAYS SINCE CAL:	136
UNIT #:	3880TA HL6670				

ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	<div>-0.008 -0.099 0.071</div>	<div>-0.004 -0.064 0.056</div>	<div>-0.002 -0.032 0.028</div>	<div>-0.005 -0.034 0.026</div>	<div>-0.009 -0.036 0.024</div>	<div>-0.007 -0.033 0.027</div>	<div>-0.005 -0.034 0.026</div>	<div>-0.008 -0.036 0.024</div>
Coil 0 Q	<div>0.007 -0.033 0.047</div>	<div>0.011 -0.110 0.130</div>	<div>0.004 -0.028 0.032</div>	<div>0.002 -0.029 0.031</div>	<div>0.003 -0.027 0.033</div>	<div>-0.000 -0.028 0.031</div>	<div>-0.001 -0.031 0.028</div>	<div>-0.001 -0.028 0.031</div>
Coil 1 R	<div>0.005 -0.077 0.083</div>	<div>0.003 -0.050 0.060</div>	<div>0.001 -0.029 0.031</div>	<div>0.003 -0.028 0.032</div>	<div>-0.001 -0.030 0.030</div>	<div>-0.005 -0.033 0.027</div>	<div>-0.006 -0.036 0.024</div>	<div>-0.008 -0.037 0.023</div>
Coil 1 Q	<div>-0.004 -0.406 0.394</div>	<div>-0.002 -0.104 0.096</div>	<div>-0.002 -0.033 0.027</div>	<div>0.003 -0.028 0.032</div>	<div>0.005 -0.026 0.034</div>	<div>0.004 -0.028 0.032</div>	<div>0.001 -0.027 0.033</div>	<div>-0.002 -0.030 0.030</div>
Coil 2 R	<div>-0.002 -0.078 0.062</div>	<div>0.006 -0.027 0.033</div>	<div>0.007 -0.027 0.033</div>	<div>0.005 -0.029 0.031</div>	<div>0.006 -0.027 0.033</div>	<div>0.008 -0.027 0.033</div>	<div>0.010 -0.023 0.037</div>	<div>0.014 -0.021 0.039</div>
Coil 2 Q	<div>0.003 -0.348 0.362</div>	<div>-0.001 -0.100 0.100</div>	<div>0.003 -0.028 0.032</div>	<div>0.000 -0.032 0.028</div>	<div>-0.004 -0.033 0.027</div>	<div>-0.005 -0.036 0.026</div>	<div>-0.005 -0.036 0.026</div>	<div>-0.006 -0.033 0.027</div>
Coil 3 R	<div>0.015 -0.032 0.048</div>	<div>0.006 -0.036 0.044</div>	<div>0.006 -0.040 0.040</div>	<div>0.006 -0.036 0.046</div>	<div>0.008 -0.036 0.042</div>	<div>0.002 -0.038 0.042</div>	<div>0.002 -0.038 0.042</div>	<div>0.004 -0.036 0.041</div>
Coil 3 Q	<div>-0.009 -0.213 0.187</div>	<div>-0.011 -0.089 0.071</div>	<div>-0.005 -0.042 0.038</div>	<div>-0.002 -0.041 0.039</div>	<div>-0.002 -0.039 0.041</div>	<div>0.001 -0.038 0.042</div>	<div>0.002 -0.039 0.041</div>	<div>-0.002 -0.041 0.039</div>
Coil 4 R	<div>-0.011 -0.077 0.043</div>	<div>-0.006 -0.064 0.056</div>	<div>0.005 -0.063 0.057</div>	<div>-0.004 -0.066 0.054</div>	<div>-0.006 -0.064 0.056</div>	<div>-0.003 -0.065 0.056</div>	<div>-0.002 -0.061 0.059</div>	<div>0.001 -0.060 0.060</div>
Coil 4 Q	<div>-0.005 -0.308 0.292</div>	<div>0.002 -0.100 0.100</div>	<div>0.001 -0.063 0.057</div>	<div>-0.004 -0.063 0.057</div>	<div>-0.005 -0.060 0.060</div>	<div>-0.003 -0.067 0.053</div>	<div>-0.000 -0.064 0.056</div>	<div>0.001 -0.061 0.059</div>
Coil 5 R	<div>-0.004 -0.123 0.117</div>	<div>0.008 -0.119 0.121</div>	<div>0.012 -0.109 0.131</div>	<div>0.011 -0.116 0.124</div>	<div>0.011 -0.117 0.123</div>	<div>0.005 -0.114 0.126</div>	<div>-0.001 -0.120 0.120</div>	<div>0.002 -0.121 0.119</div>
Coil 5 Q	<div>-0.000 -0.600 0.600</div>	<div>0.003 -0.244 0.256</div>	<div>0.005 -0.117 0.123</div>	<div>0.009 -0.113 0.127</div>	<div>0.003 -0.116 0.126</div>	<div>-0.002 -0.106 0.134</div>	<div>0.003 -0.120 0.120</div>	<div>0.002 -0.114 0.126</div>
Coil 6 R	<div>0.018 -0.338 0.262</div>	<div>-0.033 -0.290 0.310</div>	<div>-0.021 -0.324 0.276</div>	<div>0.001 -0.312 0.298</div>	<div>-0.007 -0.332 0.268</div>	<div>0.003 -0.269 0.307</div>	<div>0.019 -0.306 0.294</div>	<div>0.011 -0.290 0.310</div>
Coil 6 Q	<div>-0.010 -1.528 1.472</div>	<div>0.005 -0.606 0.596</div>	<div>0.014 -0.295 0.305</div>	<div>0.012 -0.301 0.299</div>	<div>0.000 -0.298 0.302</div>	<div>-0.017 -0.318 0.282</div>	<div>-0.023 -0.303 0.297</div>	<div>-0.018 -0.311 0.289</div>

ELEC. GAINS	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	<div>126.12 123.58 128.62</div>	<div>124.63 122.12 127.10</div>	<div>121.78 119.33 124.20</div>	<div>117.45 115.14 119.84</div>	<div>112.11 109.95 114.44</div>	<div>105.48 103.69 107.82</div>	<div>98.12 96.38 100.31</div>	<div>89.65 88.26 91.85</div>
Coil 0 P	<div>7.595 4.588 10.588</div>	<div>23.974 20.954 26.954</div>	<div>40.066 37.002 43.002</div>	<div>56.157 53.068 59.068</div>	<div>72.079 68.975 74.975</div>	<div>88.160 85.016 91.016</div>	<div>103.978 100.899 106.899</div>	<div>120.081 116.974 122.974</div>
Coil 1 M	<div>217.96 213.65 222.27</div>	<div>215.39 211.03 219.64</div>	<div>210.44 206.13 214.54</div>	<div>202.95 198.93 207.04</div>	<div>193.83 189.98 197.73</div>	<div>182.26 178.90 186.20</div>	<div>169.64 166.57 173.37</div>	<div>155.04 152.42 158.64</div>
Coil 1 P	<div>7.696 4.697 10.697</div>	<div>24.294 21.286 27.296</div>	<div>40.629 37.597 43.597</div>	<div>56.943 53.872 59.872</div>	<div>73.090 70.021 76.021</div>	<div>89.379 86.292 92.292</div>	<div>105.498 102.411 108.411</div>	<div>121.835 118.722 124.722</div>
Coil 2 M	<div>440.62 431.98 449.61</div>	<div>435.51 426.86 444.28</div>	<div>425.84 417.30 434.33</div>	<div>411.05 402.99 419.43</div>	<div>392.88 385.22 400.94</div>	<div>369.74 363.10 377.92</div>	<div>344.40 338.22 352.02</div>	<div>315.03 309.87 322.52</div>
Coil 2 P	<div>7.873</div>	<div>24.789</div>	<div>41.474</div>	<div>58.130</div>	<div>74.642</div>	<div>91.340</div>	<div>107.805</div>	<div>124.556</div>

Coil 3 M	712.89	703.94	686.82	660.86	629.16	590.61	547.98	501.00
Coil 3 P	7.752	24.451	40.844	57.176	73.260	89.462	105.287	121.272
Coil 4 M	1142.8	1126.0	1094.2	1047.4	991.4	925.4	855.5	779.8
Coil 4 P	7.994	25.182	41.950	58.581	74.848	91.066	106.840	122.712
Coil 5 M	2372.7	2342.4	2284.2	2197.0	2089.9	1959.0	1816.0	1657.9
Coil 5 P	8.234	25.909	43.274	60.582	77.630	94.763	111.548	128.486
Coil 6 M	6033.8	5954.5	5804.8	5581.4	5308.5	4970.3	4602.9	4192.7
Coil 6 P	8.163	25.948	43.374	60.743	77.847	95.039	111.921	128.915

## INSTRUMENT CONFIGURATION

Source File: /dat1a/OH086479/086479-tdg

### CABLEHEAD

Diameter : 3.38"  
Length : 5.50'  
Weight : 24 lbs  
Series : CABL338  
Mnemonic : CBLH  
Measure Point: 2.75': CABLEHEAD TOP

### DOWNHOLE POWER ADAPTER

Diameter : 3.62"  
Length : 5.27'  
Weight : 86 lbs  
Series : 4430XB  
Mnemonic : DHPA

### SWIVEL

Diameter : 3.38"  
Length : 3.50'  
Weight : 68 lbs  
Series : 3944XD  
Mnemonic : SWVL

### TTRM SUB

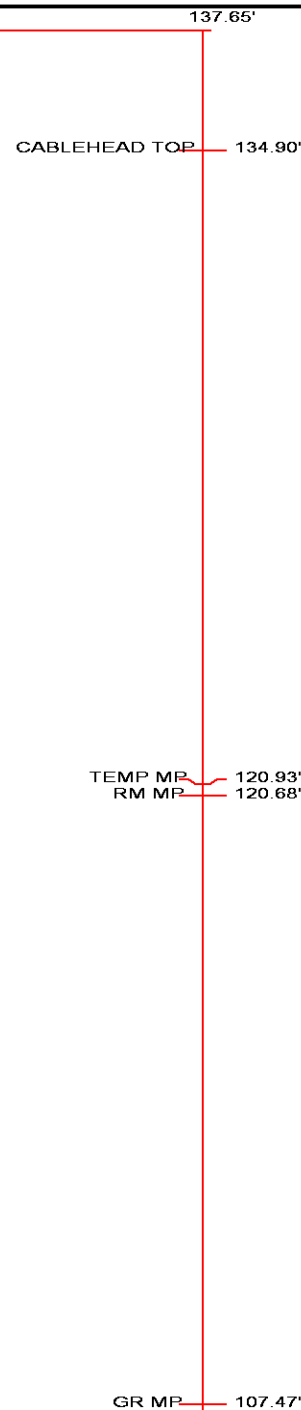
Diameter : 3.63"  
Length : 3.83'  
Weight : 62 lbs  
Series : 3981XA  
Mnemonic : TTRM  
Measure Point: 1.38': TEMP MP  
Measure Point: 1.13': RM MP

### WTS COMMON REMOTE

Diameter : 3.63"  
Length : 6.36'  
Weight : 126 lbs  
Series : 3514XB  
Mnemonic : WTS

### DIGITAL SPECTRALOG

Diameter : 3.63"  
Length : 7.31'  
Weight : 130 lbs  
Series : 1329XA  
Mnemonic : DSL  
Measure Point: 1.60': GR MP



#### COMPENSATED NEUTRON

Diameter : 3.63"  
Length : 7.59'  
Weight : 150 lbs  
Series : 2446XA  
Mnemonic : CN  
Measure Point: 2.63': LSN MP  
Measure Point: 2.24': SSN MP

LSN MP 100.92'  
SSN MP 100.52'

#### Z-DENSILOG

Diameter : 4.88"  
Length : 11.22'  
Weight : 360 lbs  
Series : 2234XA  
Mnemonic : ZDL  
Measure Point: 3.19': CAL MP  
Measure Point: 2.47': LSD MP  
Measure Point: 2.07': SSD MP

CAL MP 90.26'  
LSD MP 89.54'  
SSD MP 89.14'

#### KNUCKLE JOINT (DOUBLE)

Diameter : 3.38"  
Length : 4.65'  
Weight : 90 lbs  
Series : 3939XA  
Mnemonic : KNJT

#### DIGITAL ORIENTATION

Diameter : 3.38"  
Length : 10.81'  
Weight : 110 lbs  
Series : 4401XB  
Mnemonic : ORIT  
Measure Point: 0.00': ORIENT MP

ORIENT MP 71.60'

#### 4 ARM BOW SPRING CENTRALIZER

Diameter : 3.38"  
Length : 4.12'  
Weight : 72 lbs  
Series : 4341XA  
Mnemonic : CENT

#### ARRAY ACOUSTILOG ELECTRONICS, 8 CHANNEL

Diameter : 3.38"  
Length : 7.82'  
Weight : 102 lbs  
Series : 1677EA  
Mnemonic : XMAC





CROSS MULTIPOLE ARRAY ACOUSTILOG

Diameter : 3.75"  
Length : 10.91'  
Weight : 224 lbs  
Series : 1678MC  
Mnemonic : XMF1  
Measure Point: 5.50': R8  
Measure Point: 5.00': R7  
Measure Point: 4.50': R6  
Measure Point: 4.00': R5  
Measure Point: 3.50': R4  
Measure Point: 3.00': R3  
Measure Point: 2.50': R2  
Measure Point: 2.00': R1

R8 — 54.26'  
R7 — 53.76'  
R6 — 53.26'  
R5 — 52.76'  
R4 — 52.26'  
R3 — 51.76'  
R2 — 51.26'  
R1 — 50.76'

SHEAR WAVE ACOUSTILOG

Diameter : 3.63"  
Length : 5.00'  
Weight : 135 lbs  
Series : 1678PB  
Mnemonic : XMAC

MULTI-POLE ARRAY ACOUSTIC

Diameter : 3.88"  
Length : 7.92'  
Weight : 170 lbs  
Series : 1678BA  
Mnemonic : XMAC  
Measure Point: 6.42': QUADRUPOLE T5  
Measure Point: 6.42': MONOPOLE T2  
Measure Point: 4.67': Y-DIPOLE T4  
Measure Point: 4.67': X-DIPOLE T3  
Measure Point: 2.92': MONOPOLE T1

MONOPOLE T2 — 42.26'  
QUADRUPOLE T5 — 42.26'

X-DIPOLE T3 — 40.51'  
Y-DIPOLE T4 — 40.51'

MONOPOLE T1 — 38.76'

MULTI-POLE ARRAY ACOUSTIC

Diameter : 3.38"  
Length : 4.32'  
Weight : 58 lbs  
Series : 1678FA  
Mnemonic : MAC

4 ARM BOW SPRING CENTRALIZER

Diameter : 3.38"  
Length : 4.12'  
Weight : 72 lbs  
Series : 4341XA  
Mnemonic : CENT



HIGH DEFINITION INDUCTION TOOL

Diameter : 3.62"  
Length : 27.13'  
Weight : 415 lbs  
Series : 1515XA  
Mnemonic : HDIL  
Measure Point: 13.91': SP MP  
Measure Point: 7.44': XMTR MP


SP MP 14.19'

XMTR MP 7.72'

BULL PLUG 3 3/8

0.00'

TOTAL LENGTH: 137.65'  
TOTAL WEIGHT: 2482 lbs  
MAX DIAMETER: 0'4.88"

	COMPANY	WPX ENERGY INC		FILE NO:	US086479
	WELL	PUCKETT LAND COMPANY PA 744-26		API NO:	05045223700000
	FIELD	PARACHUTE			
	COUNTY	GARFIELD	STATE	CO	
	LOCATION:	SHL: 240' FNL 1149' FEL S35 T6S R95W BHL: 656' FSL 624' FEL S26 T6S R95W		ELEVATIONS:	S 26 T6S R95W PAD: PA 341-35 RIG: CYCLONE 17
		SEC 26	TWP 6S	RGE 95W	KB 5189 FT DF GL 5168 FT
					DATE 05-Jun-2014