



FILE NO: US625272
 COMPANY: WPX ENERGY INC
 WELL: PUCKETT GM 701-28-HN1
 FIELD: RULISON
 COUNTY: GARFIELD STATE CO

Ver. 3.87
 S28 T6S R96W
 PAD: GM 11-28
 RIG: AZTEC 1000
 LOCATION: SHL: 1314' FNL: 1035' FWL
 BHL: 535' FNL: 629' FWL
 SEC 28 TWP 6S RGE 96W
 OTHER SERVICES: HDIL, ZDL, CN, CAL

PERMANENT DATUM: GL ELEVATION 5604 FT
 LOG MEASURED FROM: KB 25 FT ABOVE P.D.
 DRILL. MEAS. FROM: KB
 ELEVATIONS: KB 5629 FT, DF, GL 5604 FT

DATE	TRIP	1	2
08-Dec-2013	2	1	1
SERVICE ORDER	US625272	US625265	
DEPTH DRILLER	11252 FT	2960 FT	
DEPTH LOGGER	NOT TAGGED	2955 FT	
BOTTOM LOGGED INTERVAL	10432 FT	2939 FT	
TOP LOGGED INTERVAL	2900 FT	0 FT	
CASING DRILLER	13.375 IN @ 2957 FT	20 IN @ 110 FT	
CASING LOGGER	2949 FT	104 FT	
BIT SIZE	12.25 IN	17.5 IN	
TYPE OF FLUID IN HOLE	LSND	LSND	
DENSITY	12.7 LB/G	9.9 LB/G	60 CP
PH	9.6	8.6	24 C3
SOURCE OF SAMPLE	FLOWLINE	FLOWLINE	
RM AT MEAS. TEMP.	0.84 OHMM @ 76 DEGF	1.07 OHMM @ 78 DEGF	
RMF AT MEAS. TEMP.	0.63 OHMM @ 76 DEGF	0.8 OHMM @ 78 DEGF	
RMC AT MEAS. TEMP.	1.05 OHMM @ 76 DEGF	1.33 OHMM @ 78 DEGF	
SOURCE OF RMC	CALCULATED	CALCULATED	
RM AT BHT	0.688 OHMM @ 246.9 DEGF	1.15 OHMM @ 149 DEGF	
TIME SINCE CIRCULATION	8 HRS	9 HRS	
MAX. RECORDED TEMP.	248.6 DEGF	152 DEGF	
EQUIP. NO.	6670	6670	GRAND JCT
RECORDED BY	PATTON	PATTON	
WITNESSED BY	MOORE/BRUNK	ANDREW BRUNK	

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	2957 FT	11252 FT
17.5 IN	0 FT	2955 FT

CASING RECORD				
SIZE	WEIGHT	GRADE	FROM	TO
13.375 IN	68 LB/F		0 FT	2957 FT
20 IN	54 LB/F		0 FT	104 FT

REMARKS

RUN 2 TRIP 1: XMAC HDIL ZDL CN GR RAN IN COMBINATION

MADE 10509' INTO THE CURVE, PULLED WEIGHT COMING OUT
 PULLED 65% AT 10230' SHUT CALIPER TO PULL THROUGH TIGHT SPOT
 PULLED 65% AT 8300' SHUT CALIPER TO PULL THROUGH TIGHT SPOT

DT MATRIX: 51.3 US/FT

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES
 CREW: PATTON/COATE/HOLLAR
 RIG: AZTEC 1000

RUN 1 TRIP 1:

EQUIPMENT DATA					
RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	DHPA	4430XB	12494777	FREE
1	1	SWVL	3944XD	10201370	FREE
1	1	TTRM	3981XA	10203010	FREE
1	1	WTS	3514XB	10240730	FREE
1	1	DSL	1329XA	10196895	FREE
1	1	KNJT	3939XA	10399278	FREE
1	1	CN	2446XA	10202048	DECENTRALIZED
1	1	ZDL	2234XA	153015	DECENTRALIZED
1	1	KNJT	3939XA	10185406	FREE
1	1	GENT	4341XA	10239054	CENTRALIZED
1	1	ORIT	4401XB	10304309	CENTRALIZED
1	1	XMAC	1677EA	179577	CENTRALIZED
1	1	XMF1	1678MC	10084081	CENTRALIZED
1	1	XMAC	1678PB	10086347	CENTRALIZED
1	1	XMAC	1678BA	10070639	CENTRALIZED
1	1	XMAC	1678FA	10083715	CENTRALIZED
1	1	GENT	4341XA	10202020	CENTRALIZED
1	1	HDIL	1515EA	10318637	STOOD OFF
1	1	HDIL	1515MA	10037719	STOOD OFF

MAIN LOG 5"/100FT SCALE

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

Patches: 3

Plotted: Sun Dec 8 18:42:38 2013

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/625272/in777v02.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 7202.169 ft BOTTOM DEPTH: 10539.247 ft

SYMMETRIC FILTER					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
Y AXIS CALIPER	FILTER Q	medium (1)		TOP	BOTTOM
TENSION	FILTER Q	medium (1)		"	"
GR	FILTER Q	medium (1)		"	"
CALIPER	FILTER Q	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
DT24	FILTER Q	light (2)		"	"

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

ACOUSTIC POROSITY					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
ACOUSTIC POROSITY	POROSITY TYPE	WYLLIE		TOP	BOTTOM
	DTmatrix	51.30	us/ft	"	"
	DTfluid	190.00	us/ft	"	"
	DTshale	100.00	us/ft	"	"
	MOD. WYLLIE PARM	2.25		"	"
	MOD. R-H-G PARM	2.00		"	"
DELTA T CURVE SELECTION	DT24 SOURCE	FIRST ARRIVAL DT24		"	"

ACOUSTIC PICK CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
DELTA-T REJECTION RANGE	REJECTION DT _{min}	40	us/ft	TOP	BOTTOM
	REJECTION DT _{max}	180	us/ft	"	"
FIRST ARRIVAL PICK	SEARCH START OFFSET (sfan1*)	126	us	"	"
	SEARCH START OFFSET (sfan2*)	126	us	"	"
	SEARCH START OFFSET (sfan3*)	126	us	"	"
	SEARCH START OFFSET (sfan4*)	126	us	"	"
	SEARCH WINDOW LENGTH	868	us	"	"
	THRESHOLD FACTOR	0.30		"	"
	THRESHOLD MINIMUM (sfan1*)	1.8	pct	"	"
	THRESHOLD MINIMUM (sfan2*)	1.8	pct	"	"
	THRESHOLD MINIMUM (sfan3*)	1.8	pct	"	"
	THRESHOLD MINIMUM (sfan4*)	1.8	pct	"	"
E3 THRESHOLD	OFF		"	"	

ACOUSTIC QUALITY CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CYCLE SKIP LIMIT	CYCLE SKIP LIMIT	100	us	TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	4000	Hz	"	"
	HIGH FREQ CUTOFF	20000	Hz	"	"

ACOUSTIC TCC CONTROL PARAMETERS

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GENERAL TCC PARAMETERS	AGC	ON		TOP	BOTTOM
	SUBCYCLE LENGTH	50		"	"
	SUBSET	1		"	"
GENERAL MONOPOLE TCC PARAMETERS	STACK LEVEL	2		"	"
	DSP FILTER	ON		"	"
DELTA T TCC PARAMETERS	ACG WINDOW	896	us	TOP	7237.069
		1088	us	7237.069	BOTTOM
	MOVEOUT	16	us/ft	TOP	BOTTOM
	SAMPLE PERIOD	16		"	"
	RX DELAY	400	us	TOP	7226.500
		288	us	7226.500	BOTTOM

CURVE DESCRIPTION REPORT

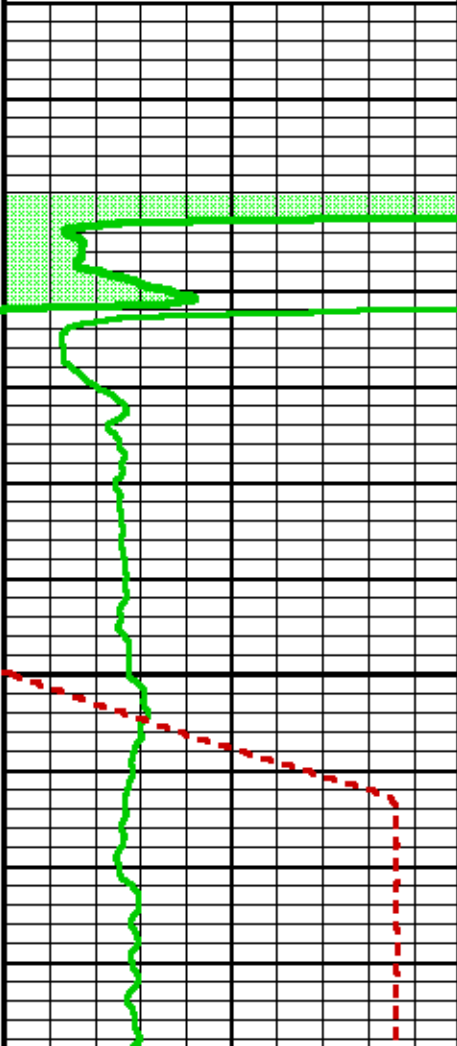
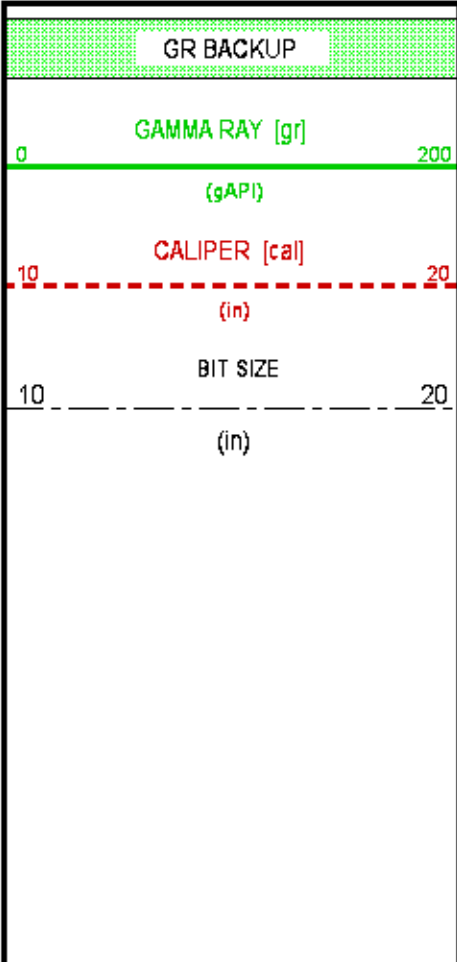
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Dec 8 11:21:33 2013	BIT SIZE
F1:CAL	Dec 8 11:21:33 2013	CALIPER
F1:DT24QI	Dec 8 11:21:33 2013	SLOWNESS OVER 24-INCH INTERVAL
F1:GR	Dec 8 11:21:33 2013	GAMMA RAY
F1:PORAQI	Dec 8 11:21:33 2013	ACOUSTIC POROSITY
F1:SFAN1QI	Dec 8 11:21:33 2013	SURFACE PICK 1ST ARRIVAL TIME, T2R1
F1:SFAN2QI	Dec 8 11:21:33 2013	SURFACE PICK 1ST ARRIVAL TIME, T2R2
F1:SFAN3QI	Dec 8 11:21:33 2013	SURFACE PICK 1ST ARRIVAL TIME, T2R3
F1:SFAN4QI	Dec 8 11:21:33 2013	SURFACE PICK 1ST ARRIVAL TIME, T2R4
F1:TEN	Dec 8 11:21:33 2013	DIFFERENTIAL TENSION

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	GR	111.75	SFAN2QI	46.50	TEN	0.00
CAL	90.00	PORAQI	44.00	SFAN3QI	46.50		
DT24QI	44.00	SFAN1QI	46.00	SFAN4QI	47.00		

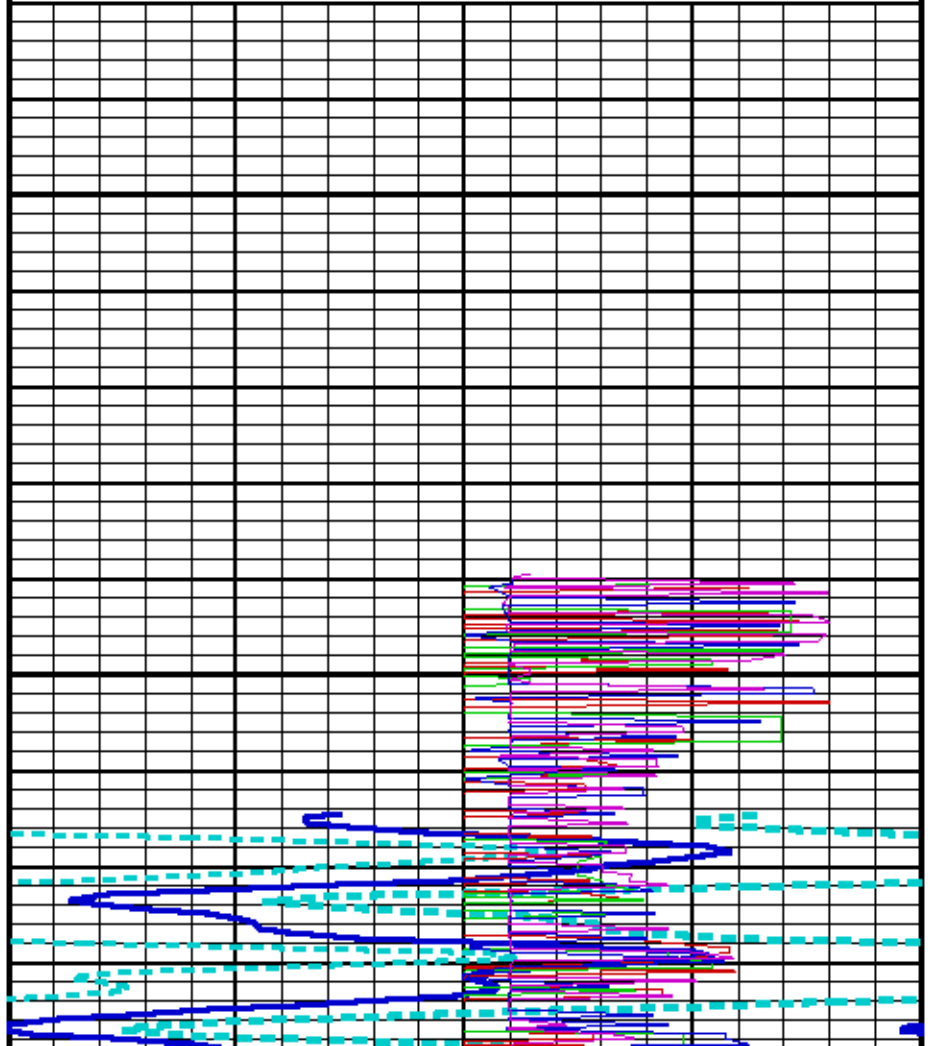
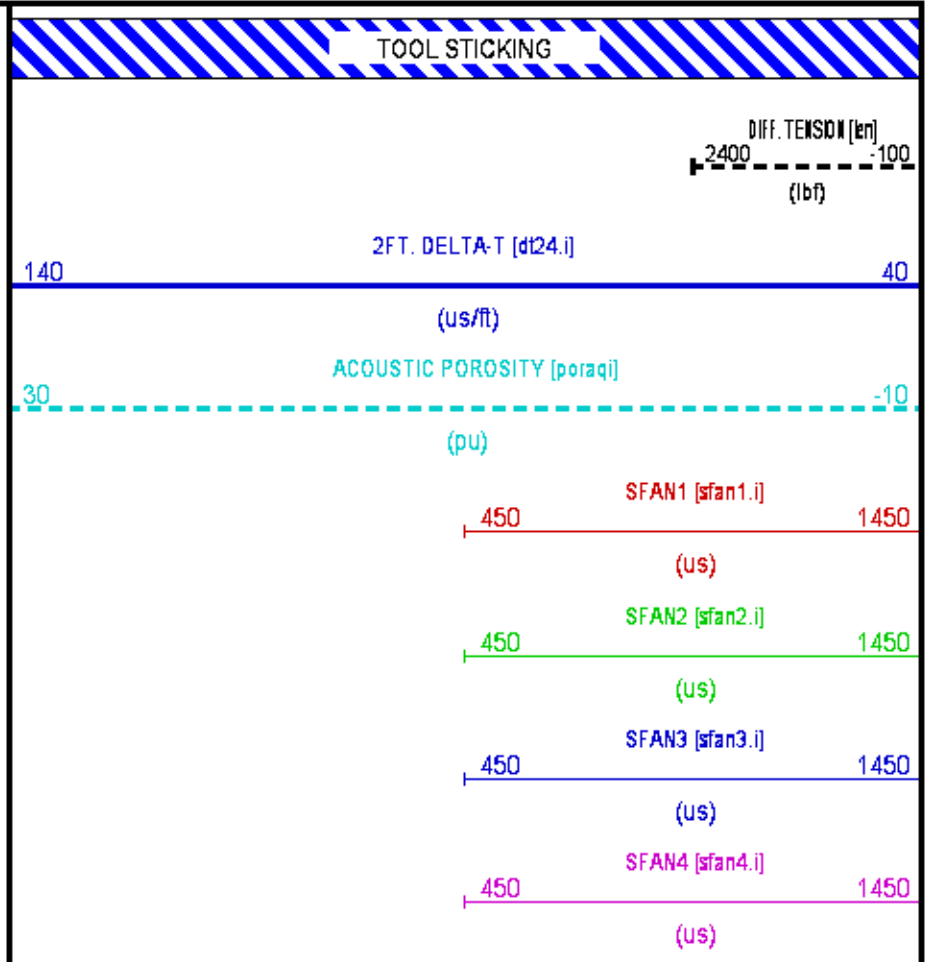
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Plot Interval : -19.25 - 10551 Feet

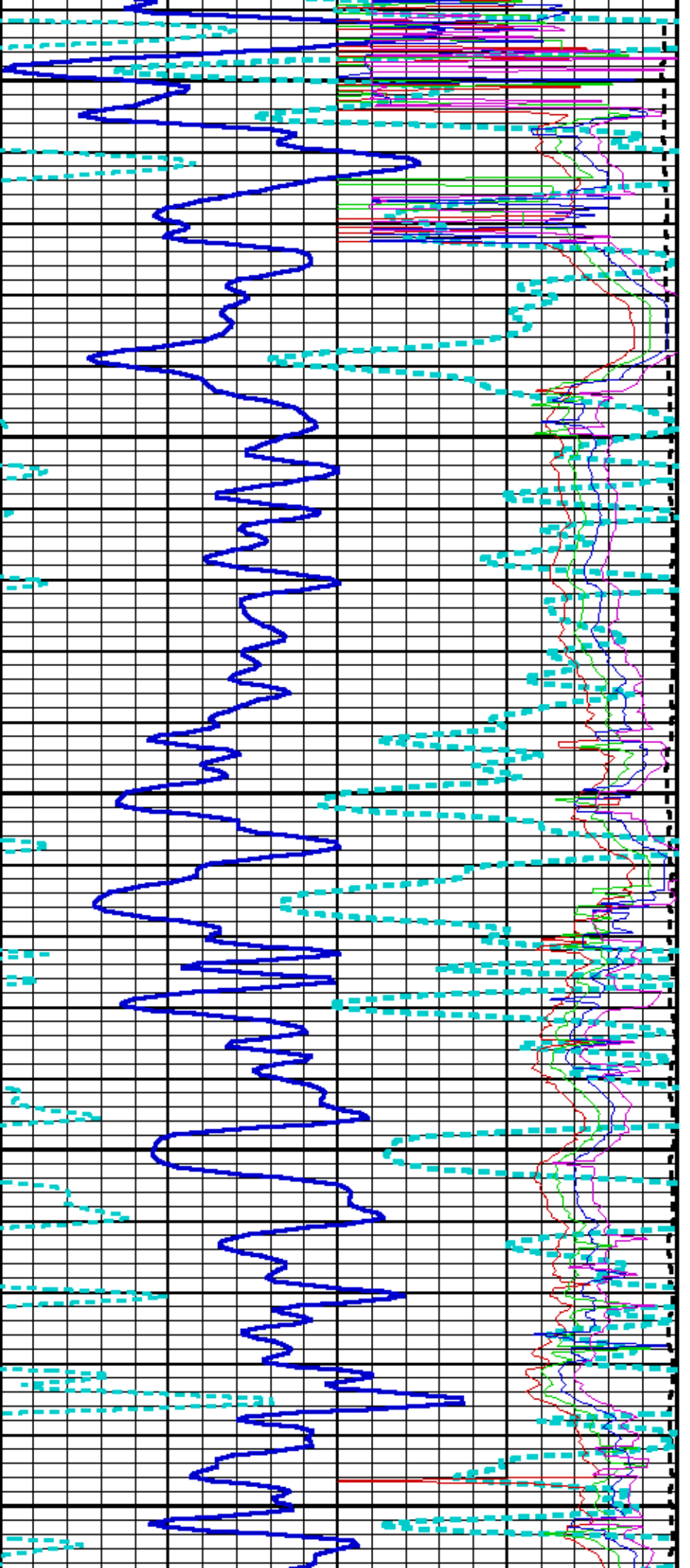
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Created On : Dec 8 11:21:33 2013
Company : WPX ENERGY INC
Well : PUCKETT GM 701-28-HN1



FEET

0

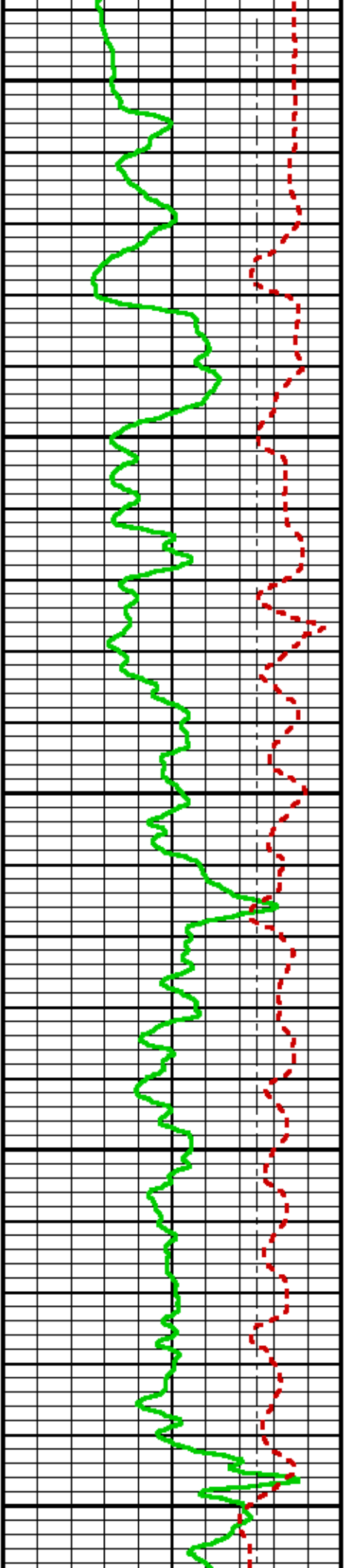


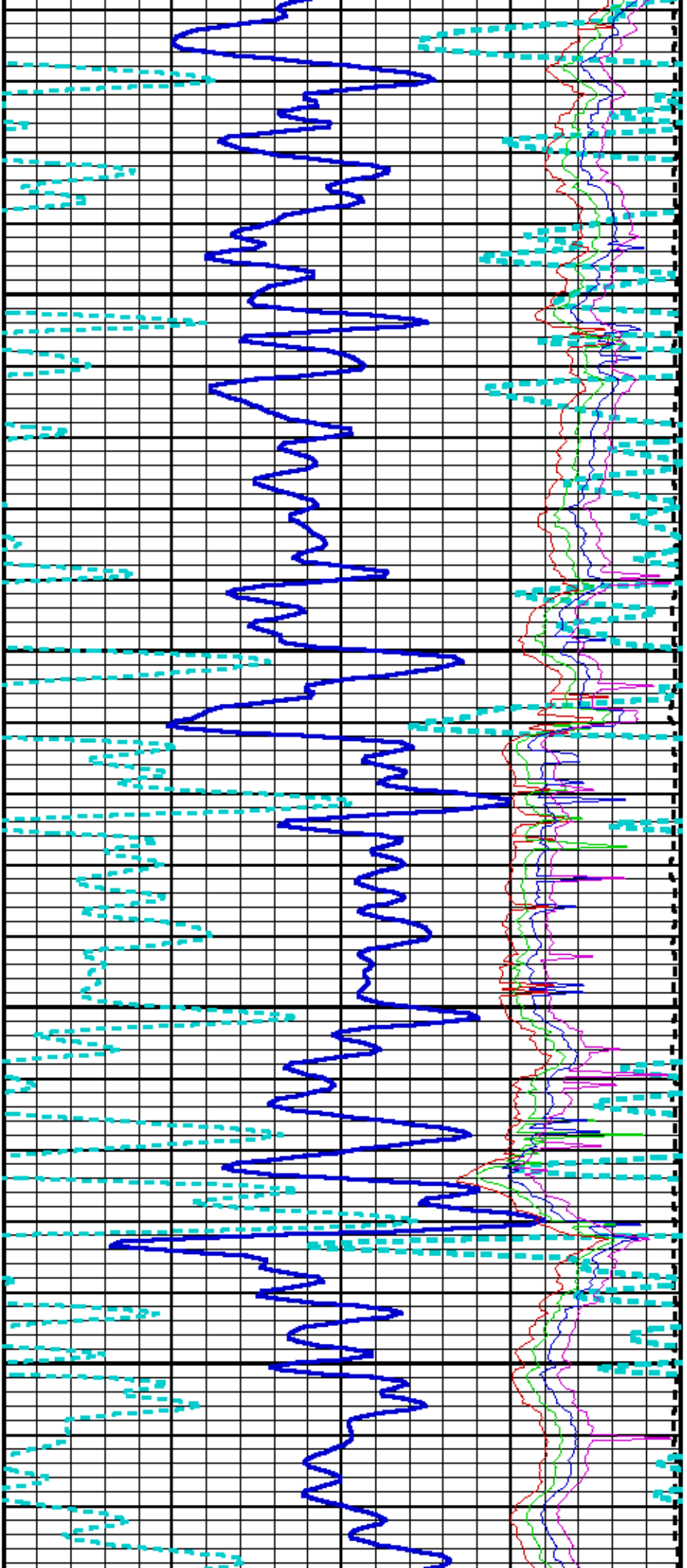


100

200

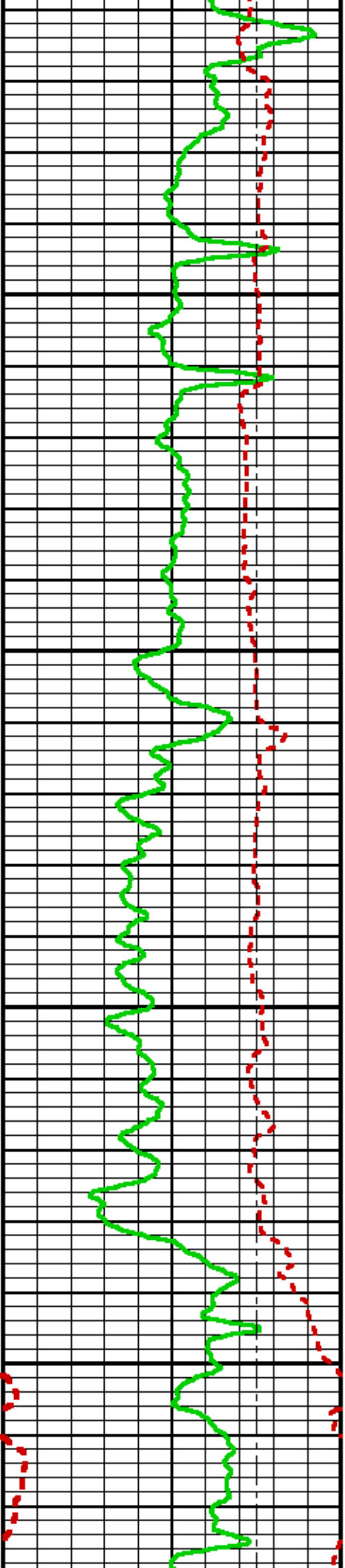
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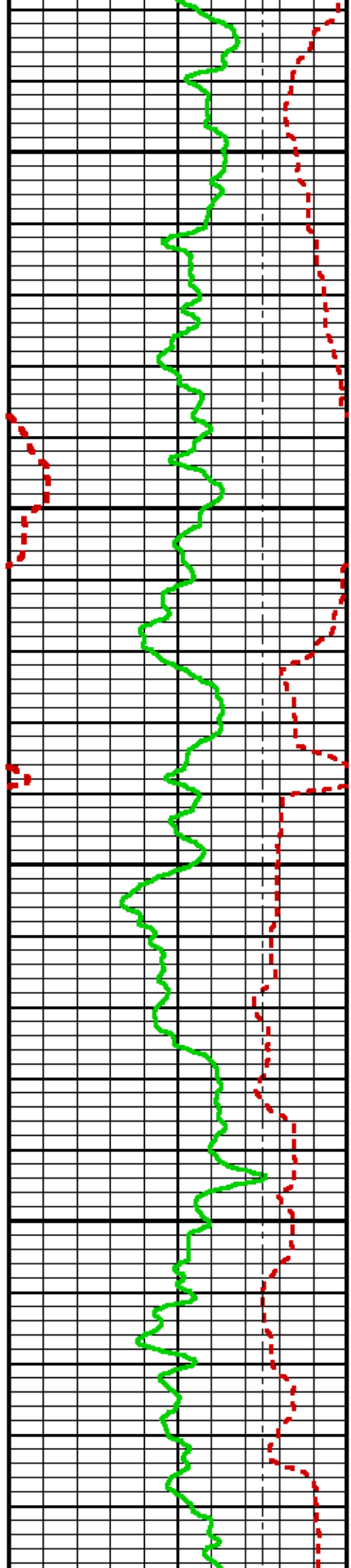




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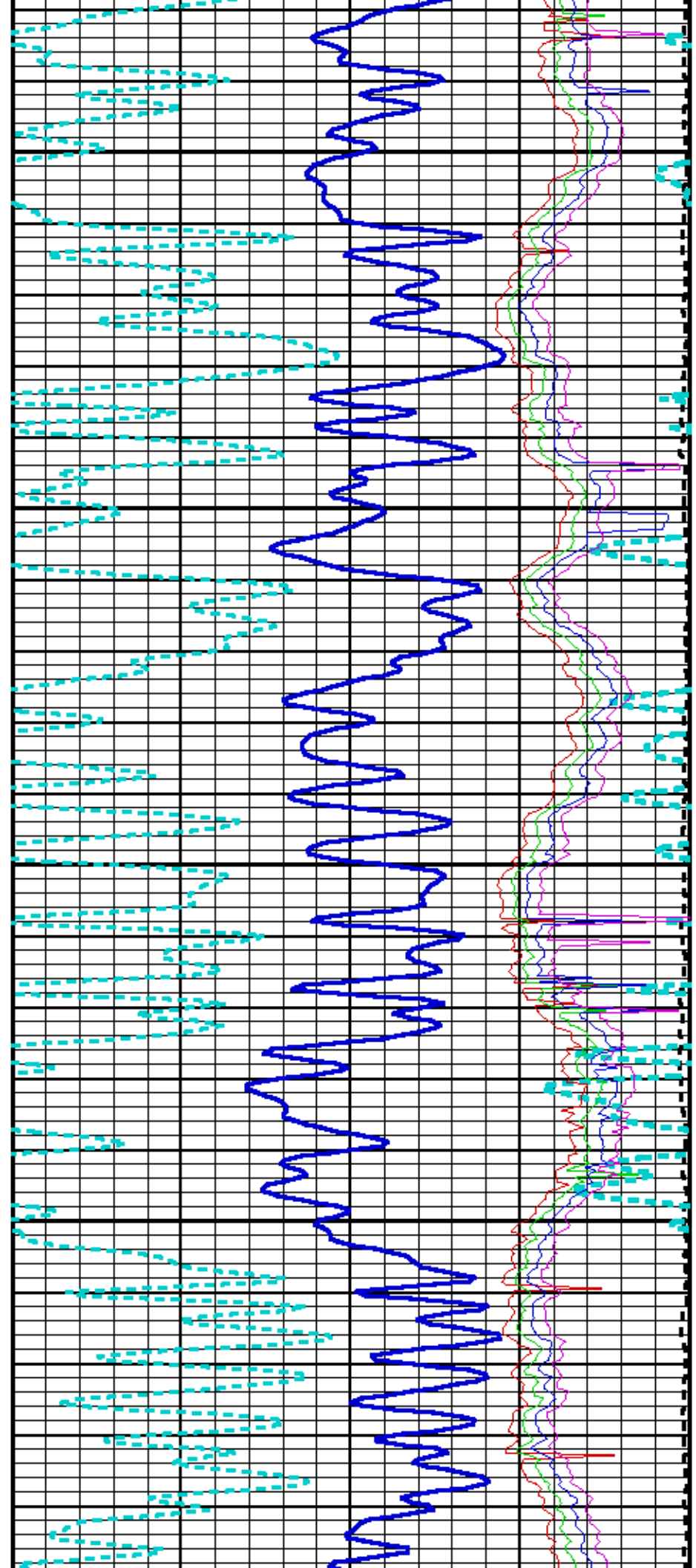
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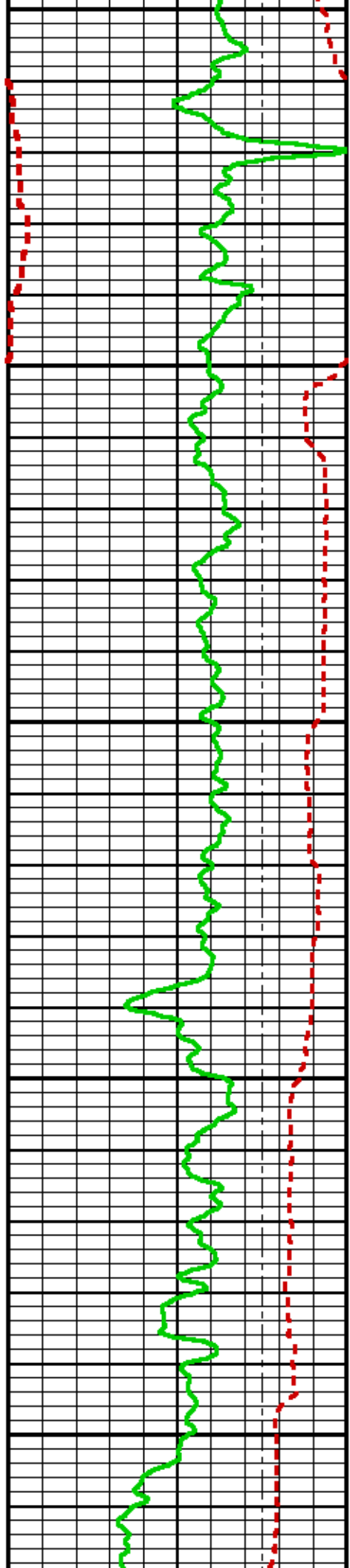




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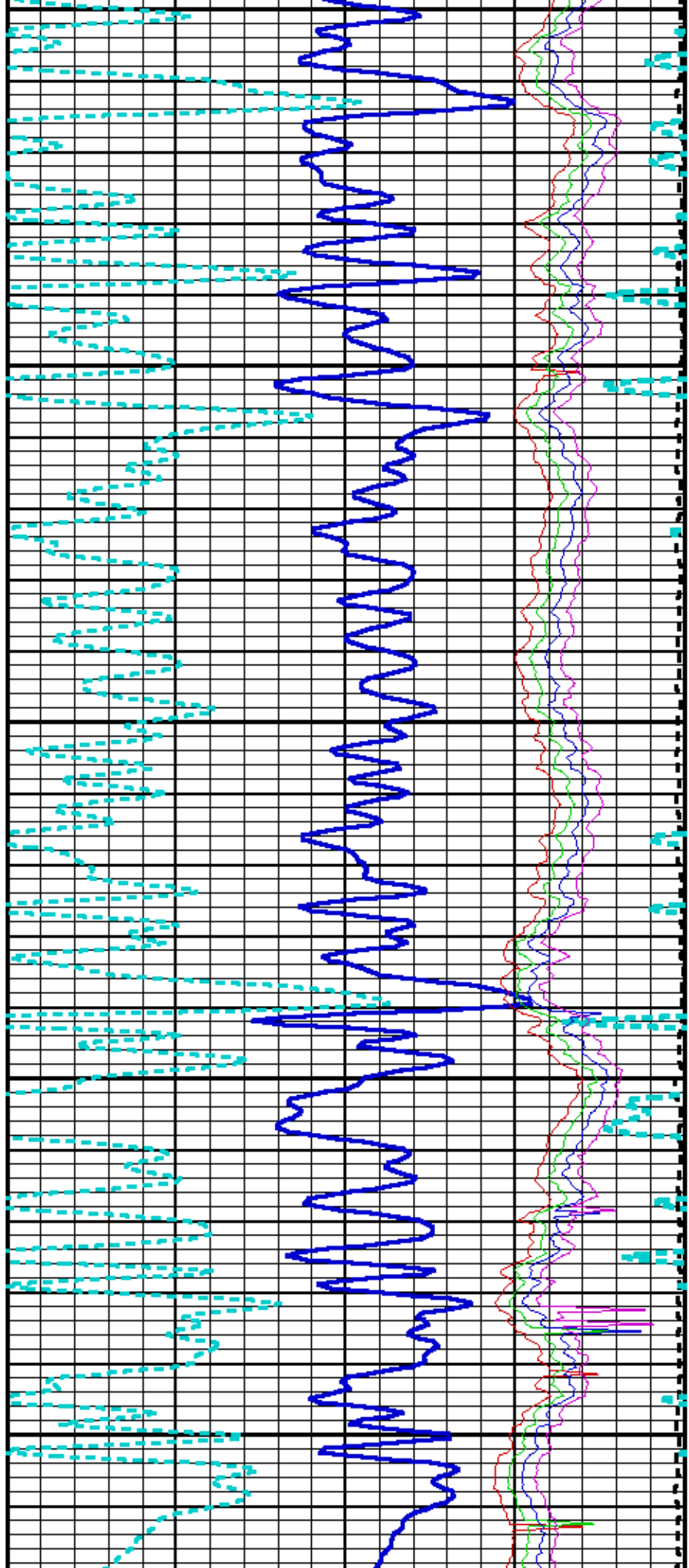
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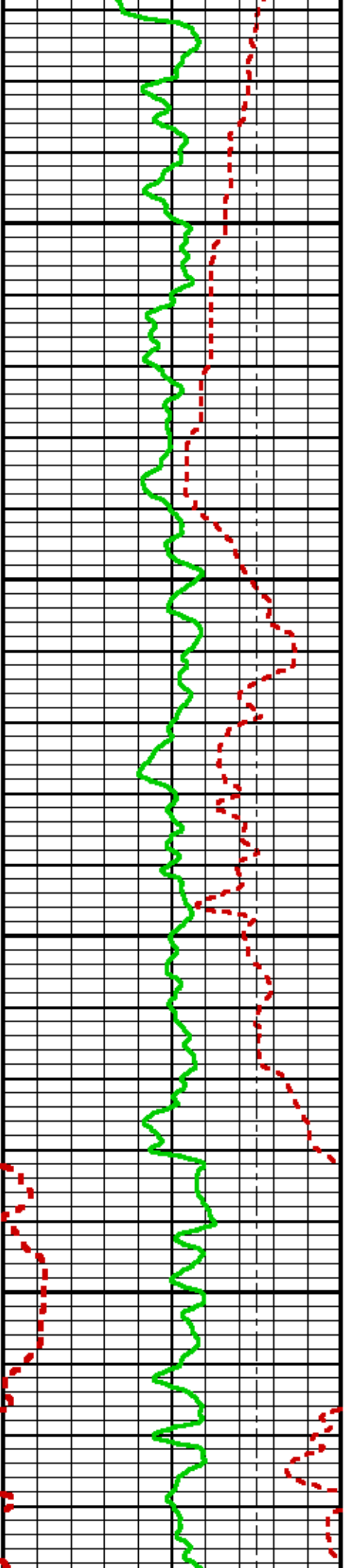




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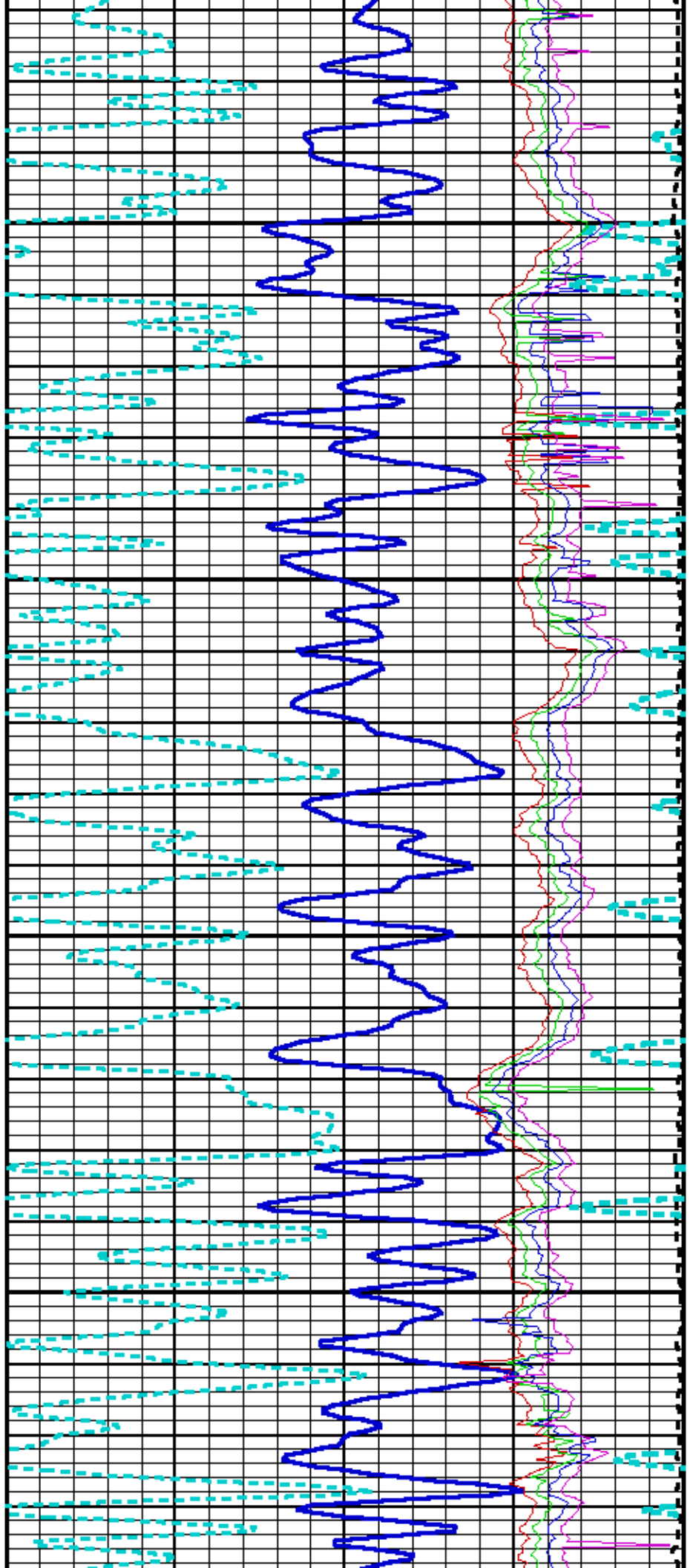
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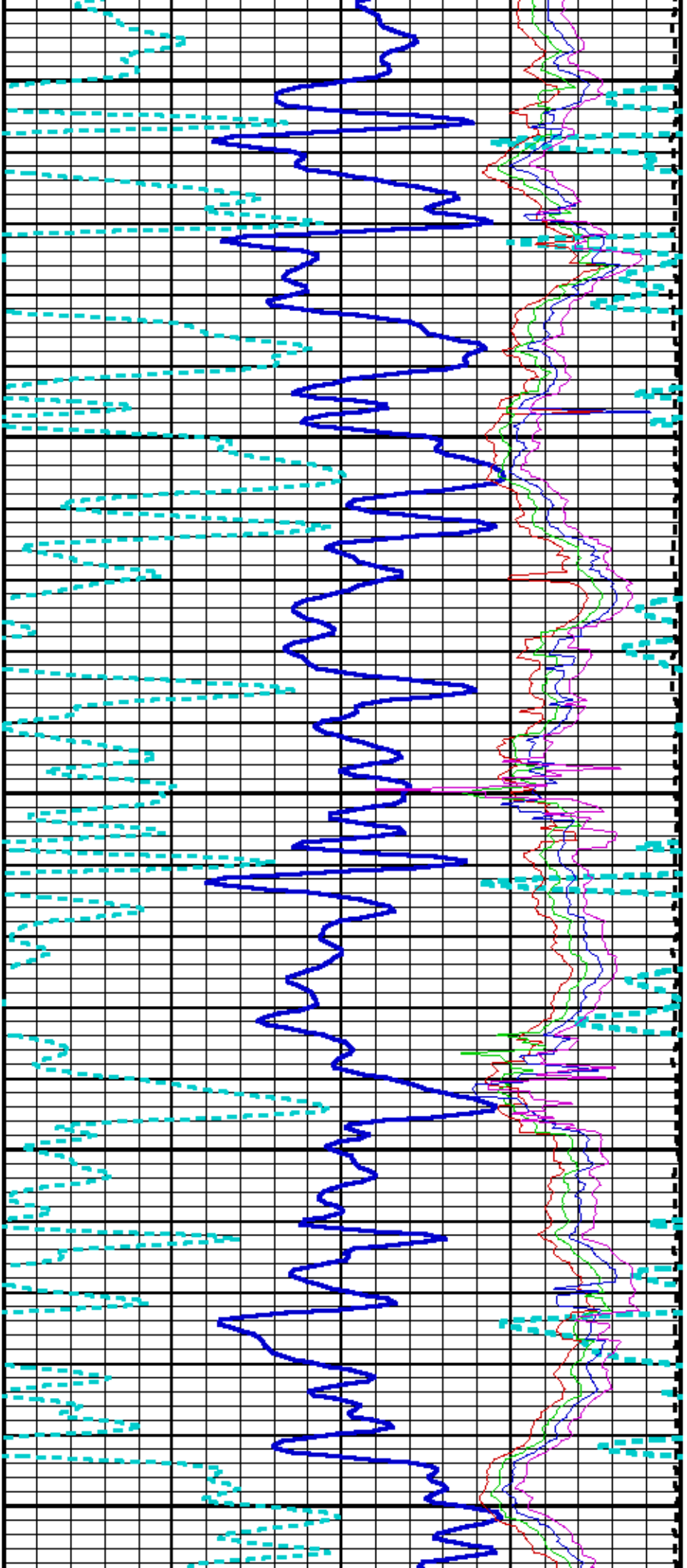




1000

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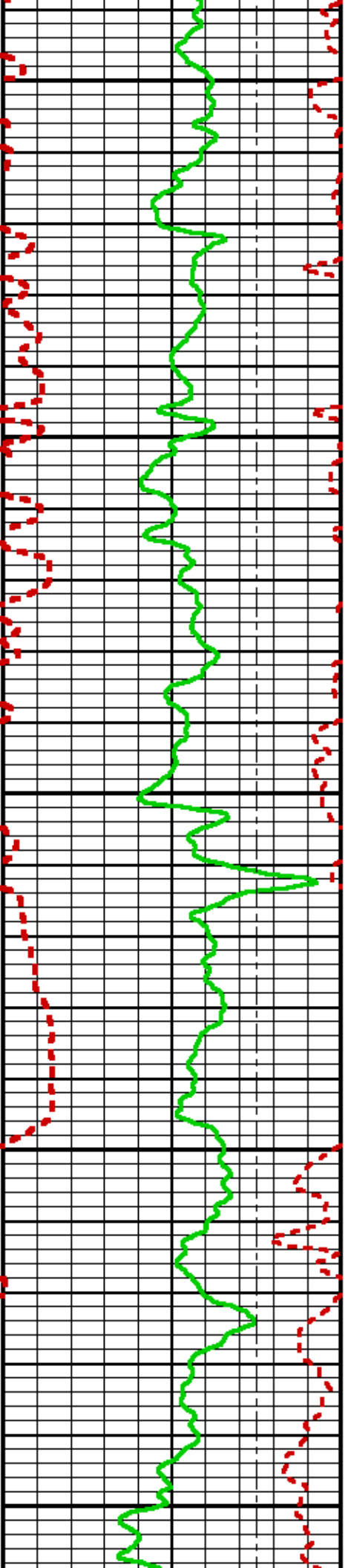


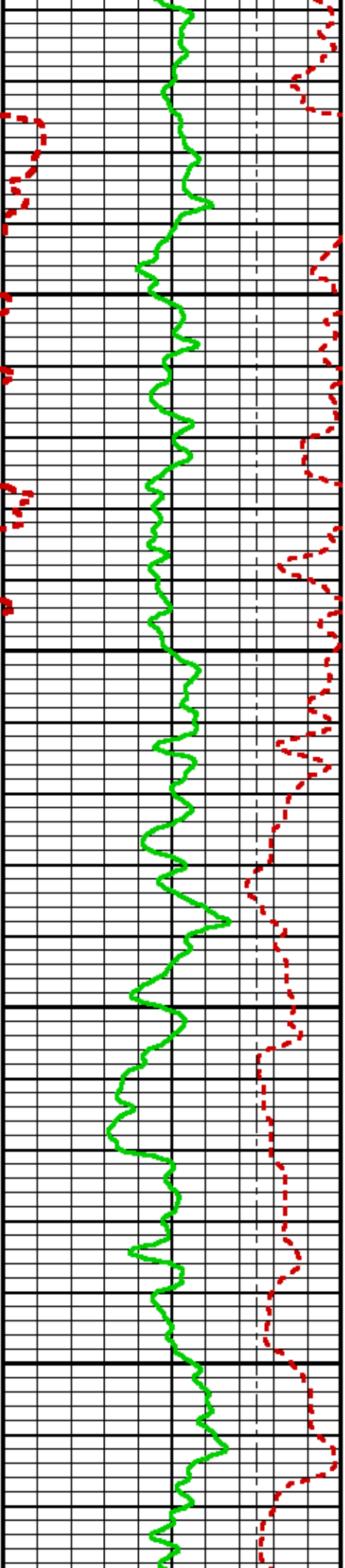


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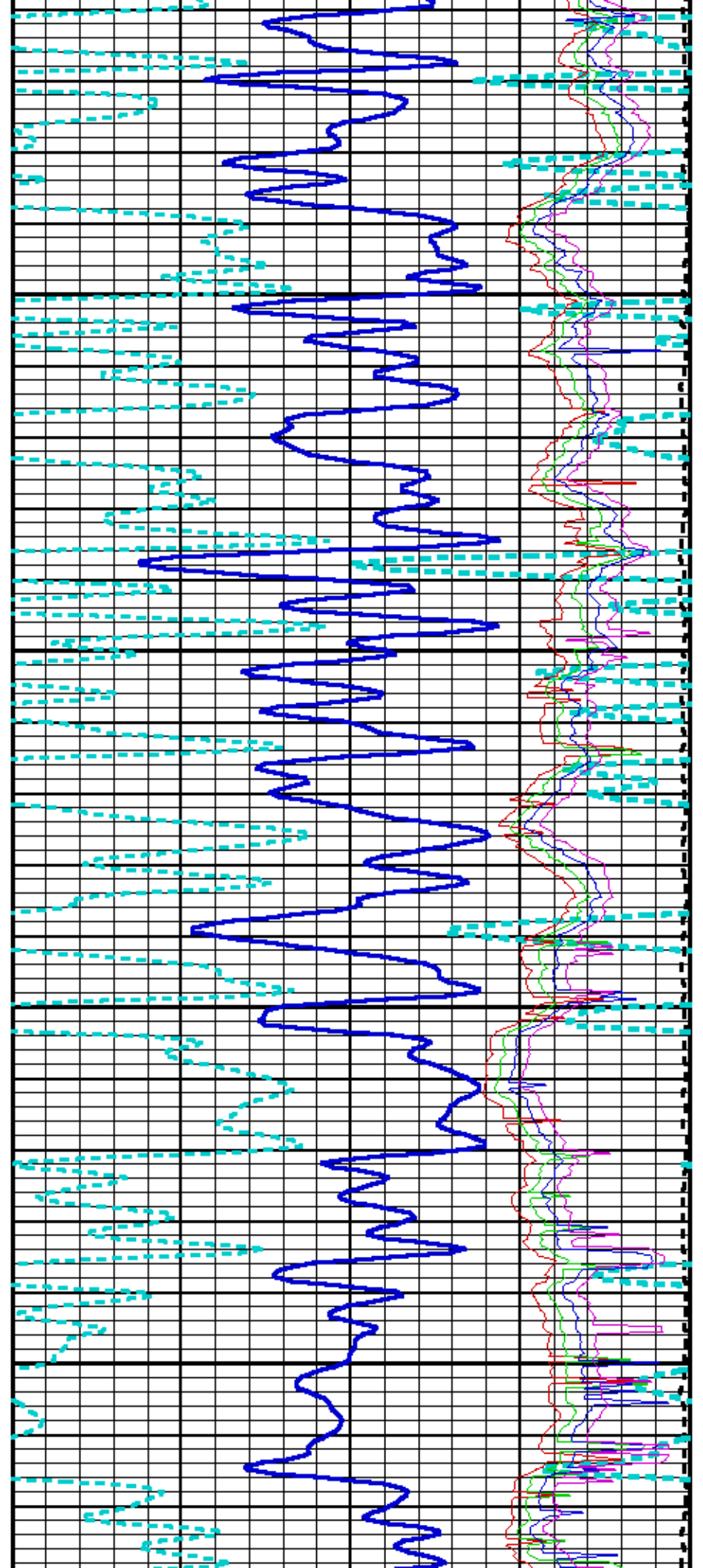
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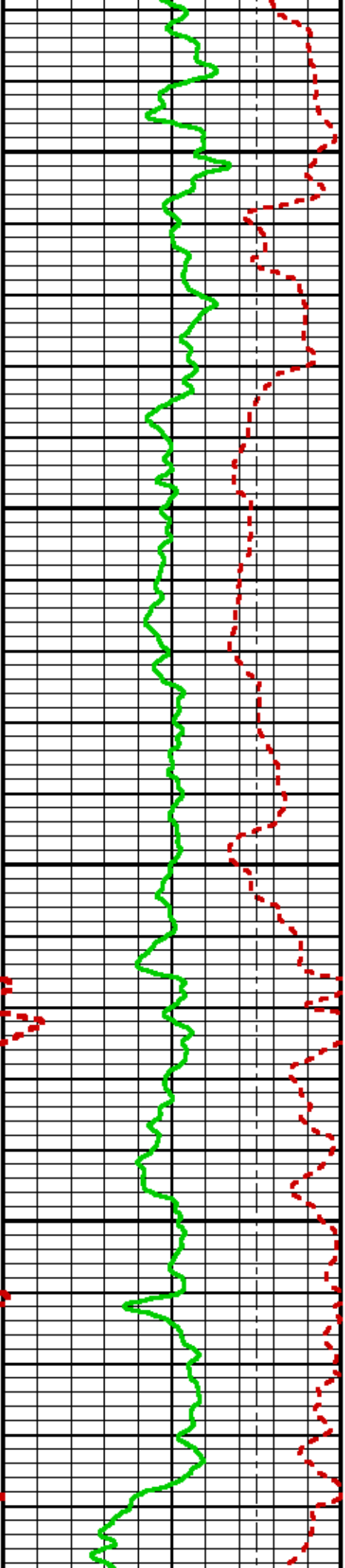




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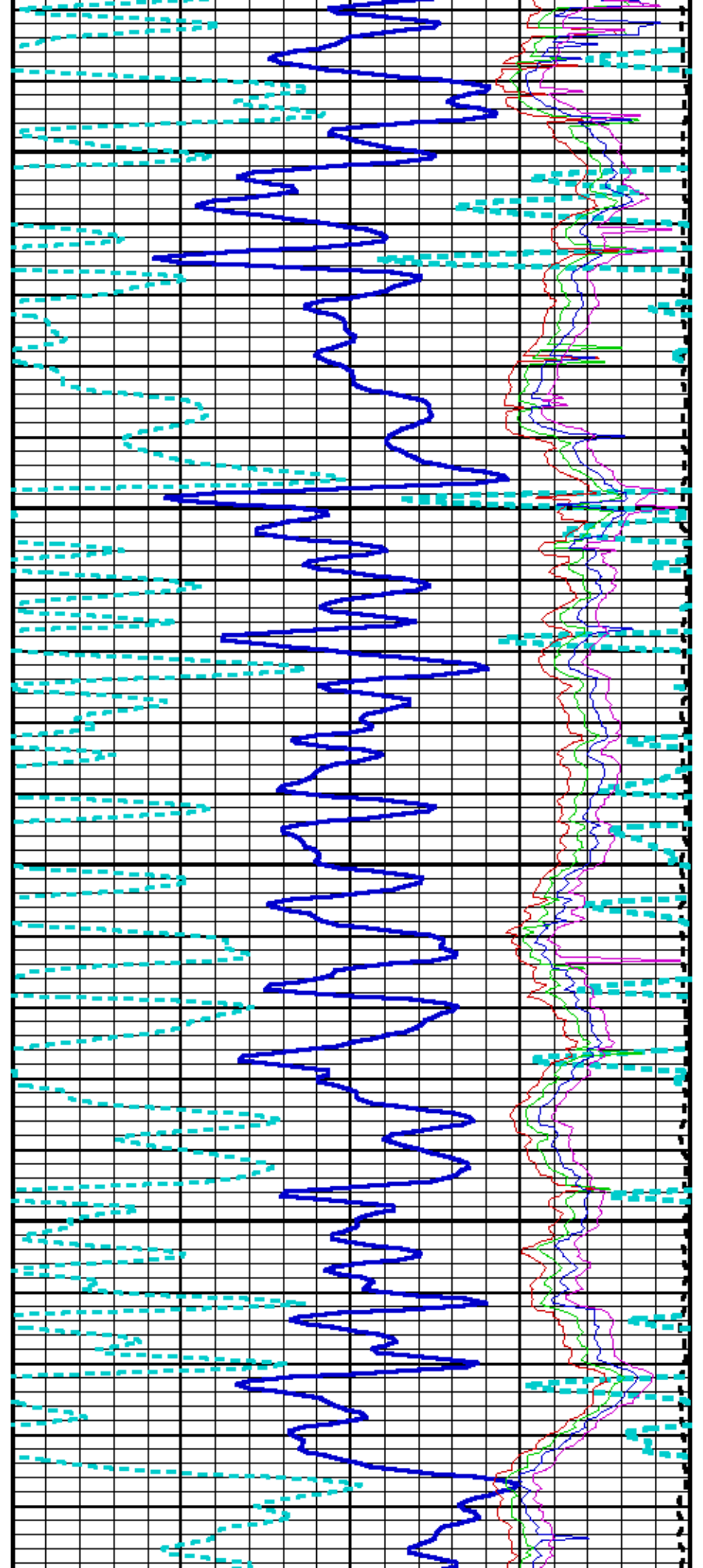
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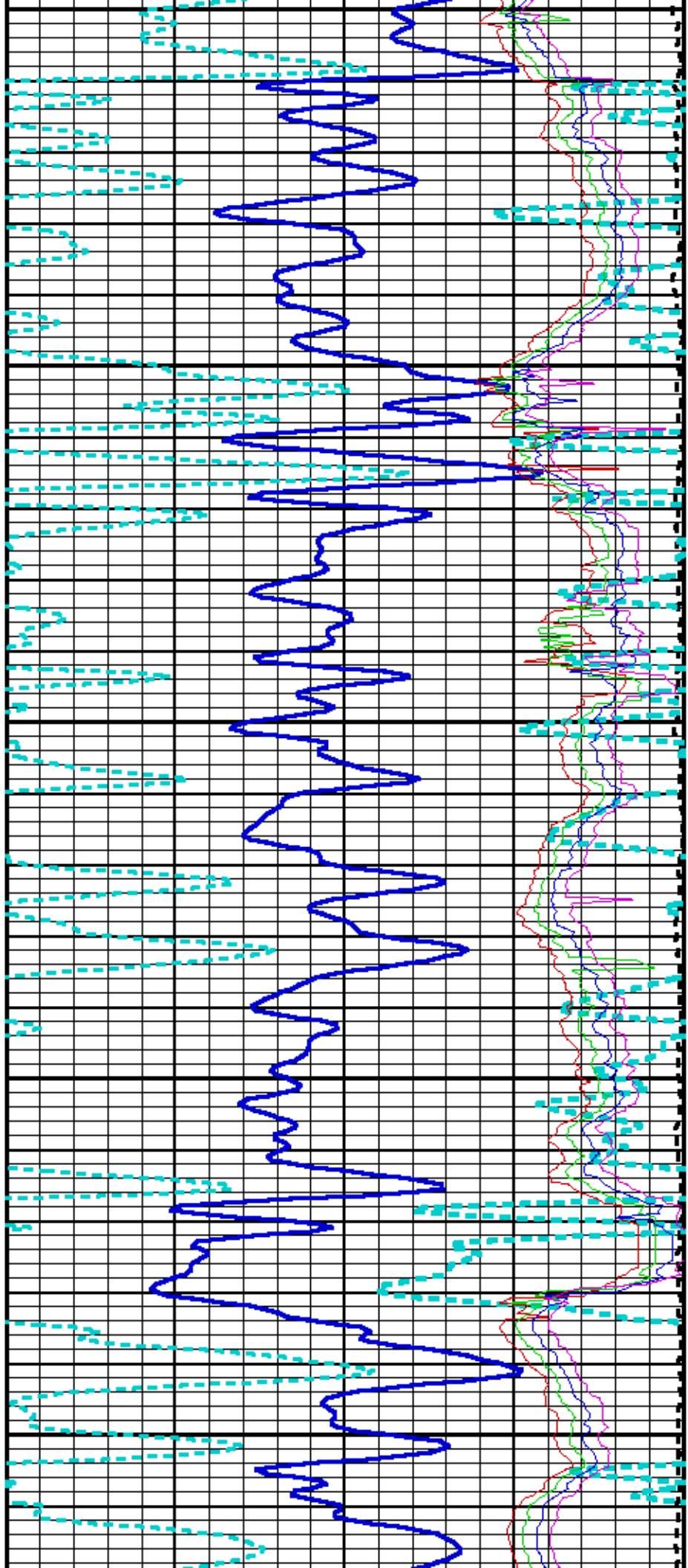




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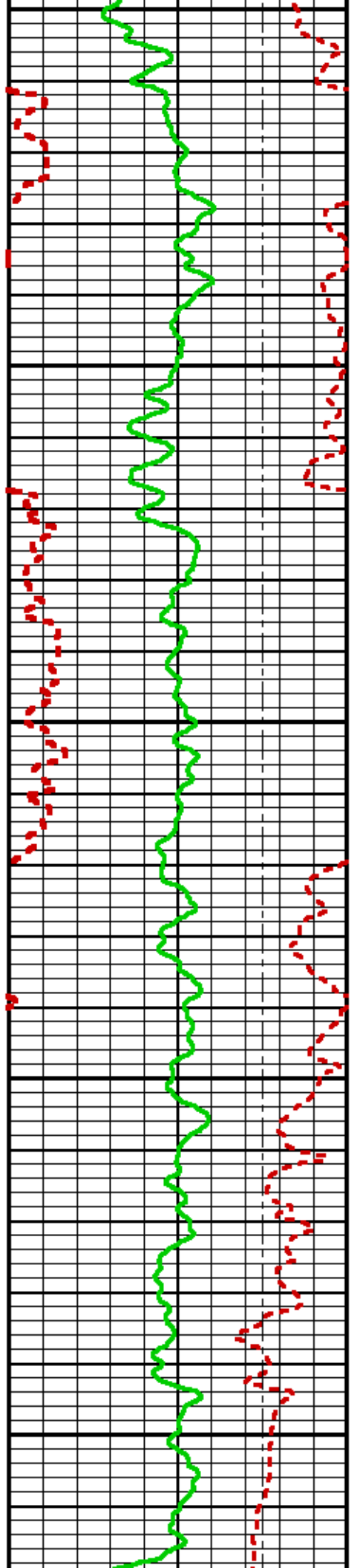
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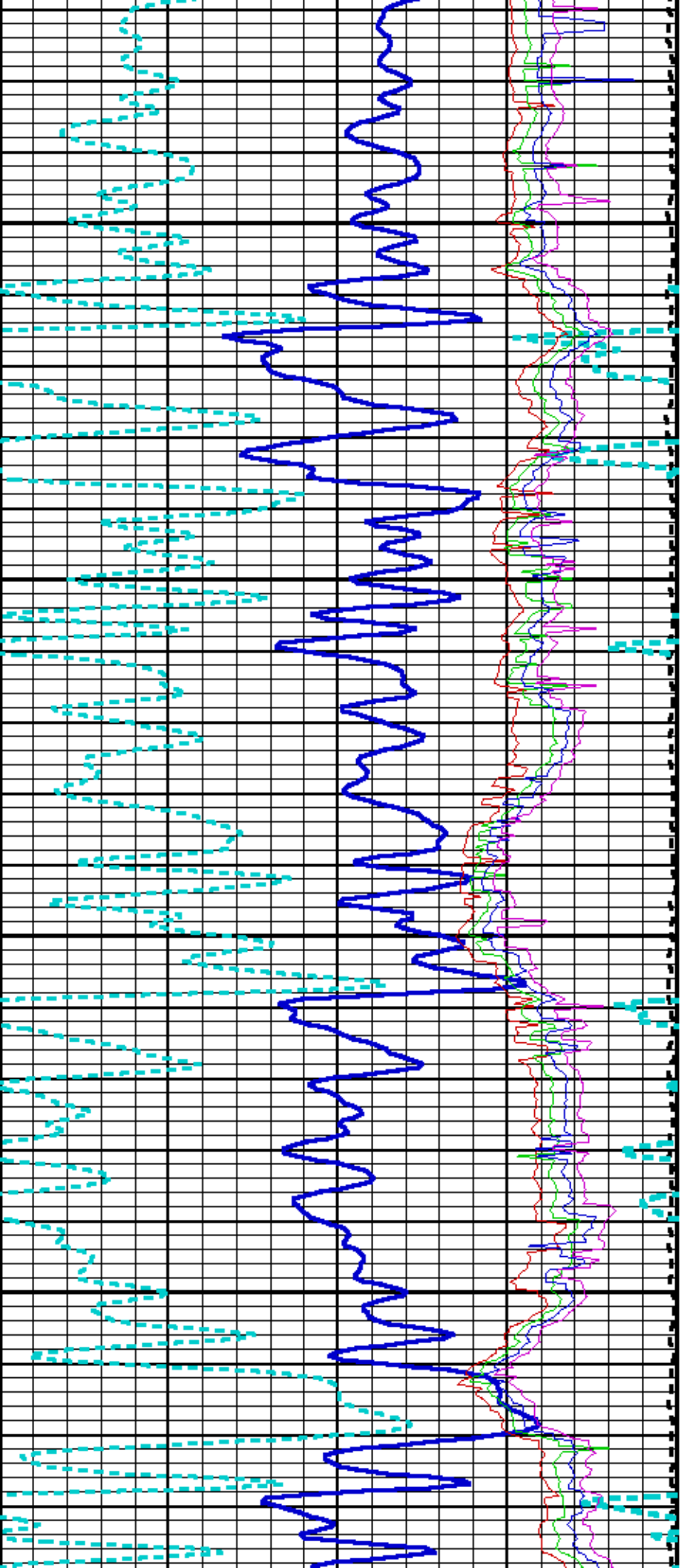




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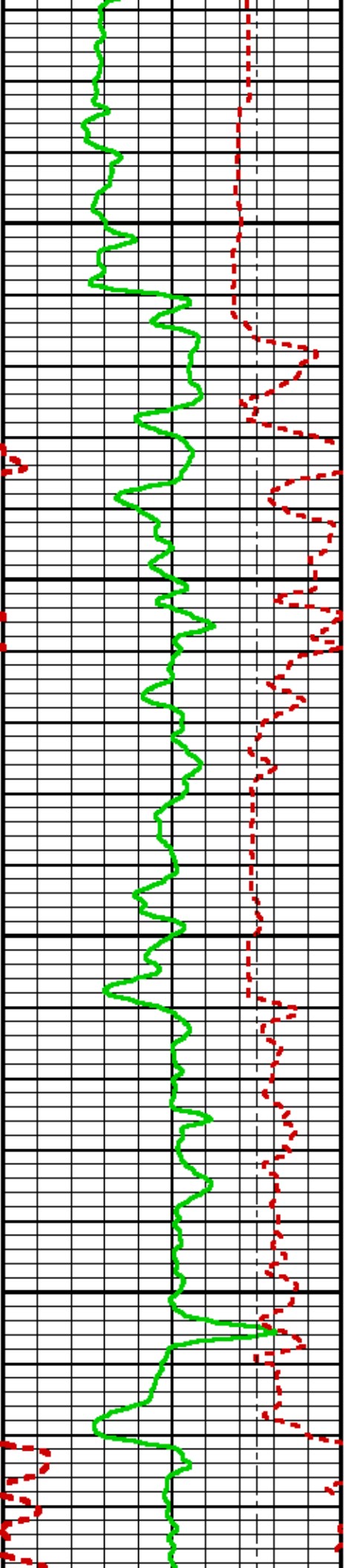
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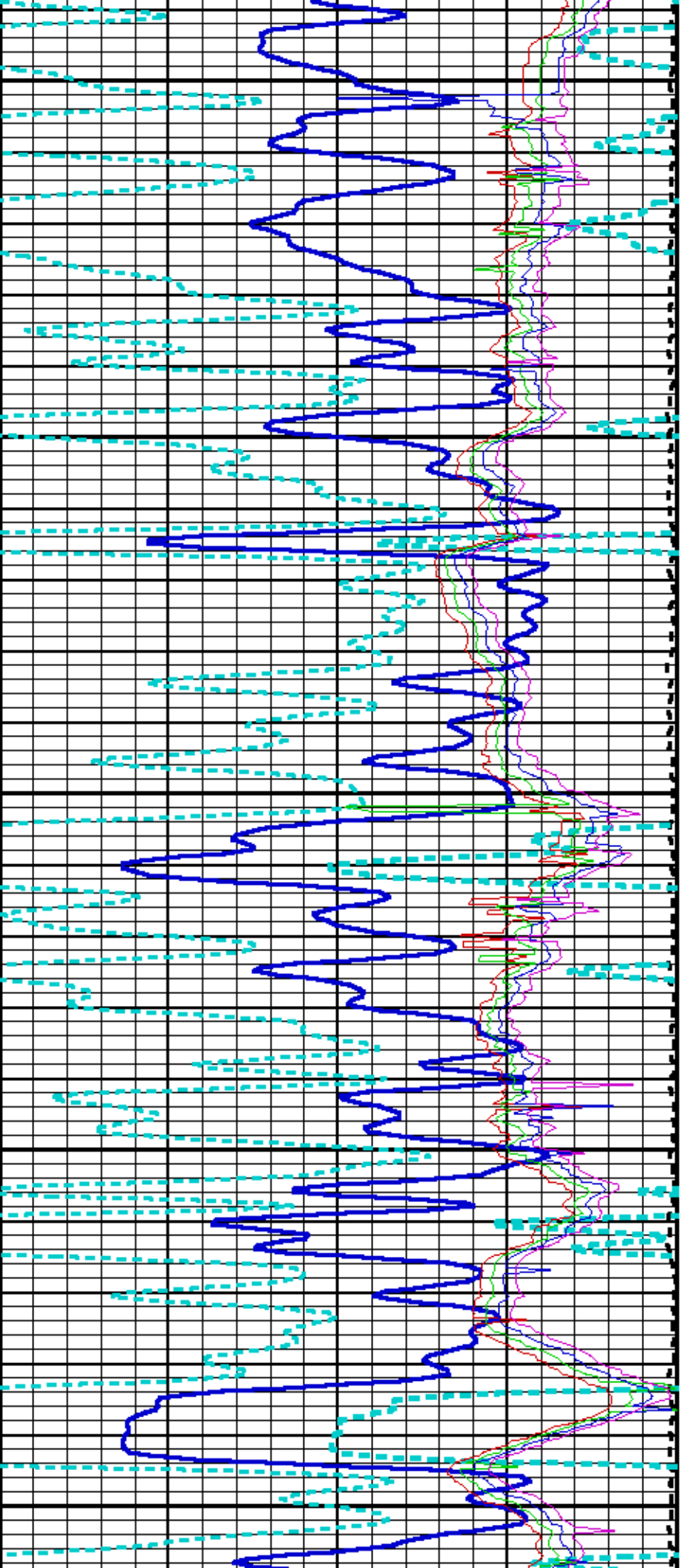




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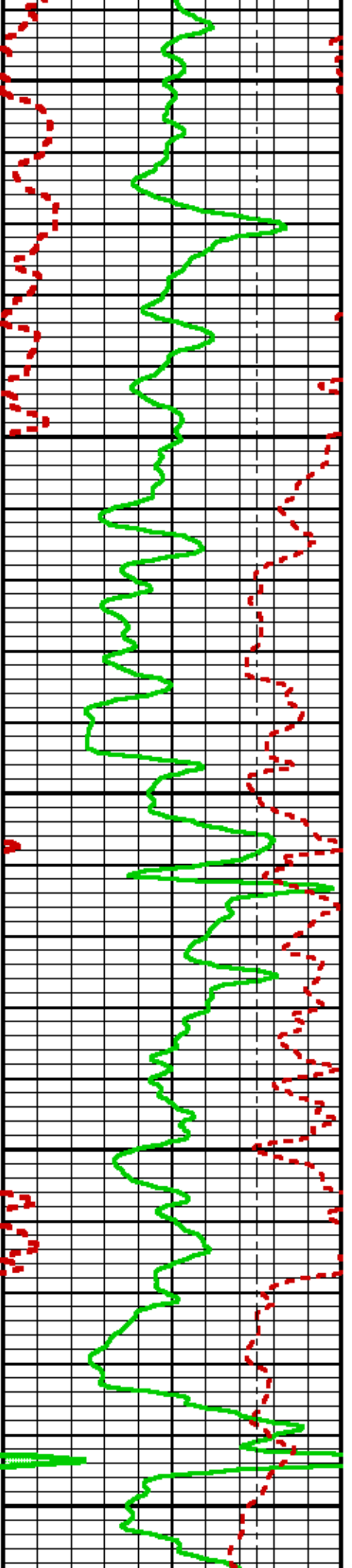


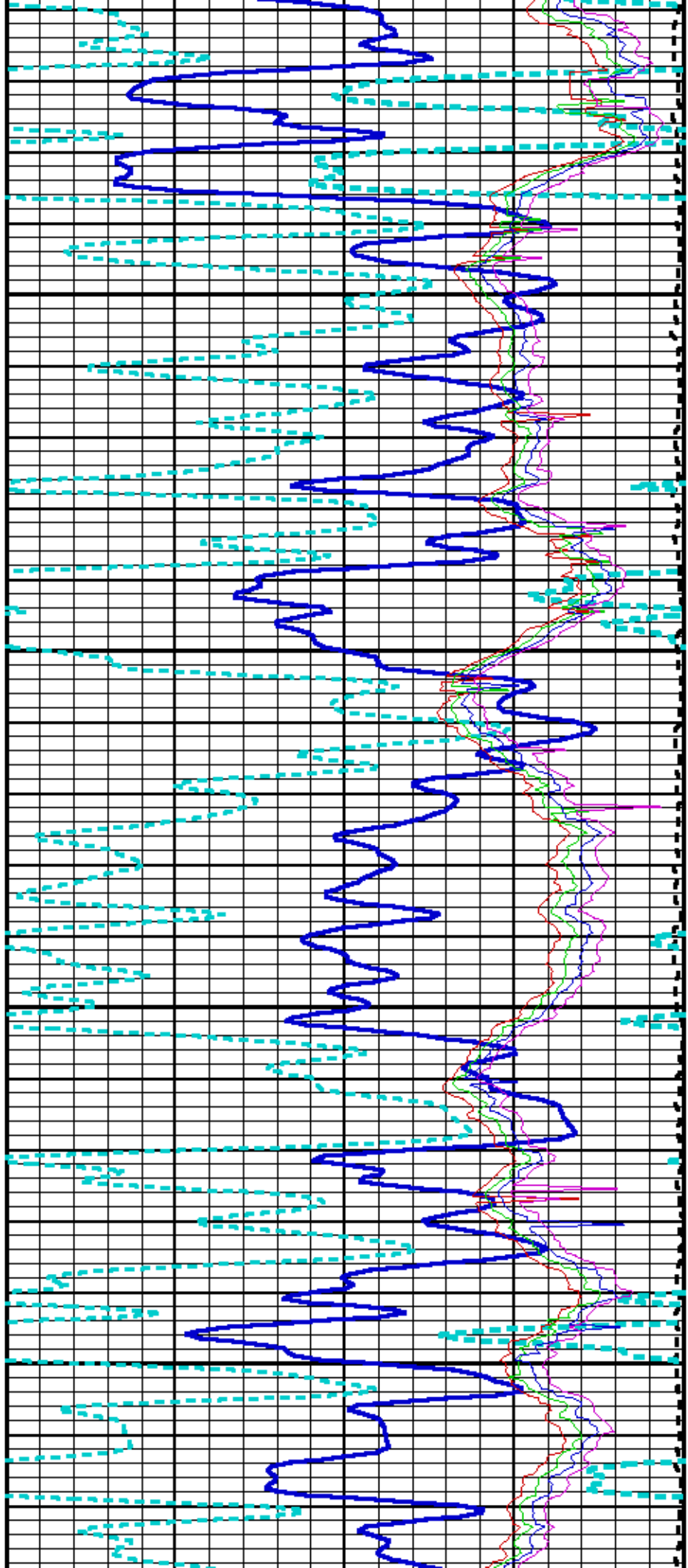


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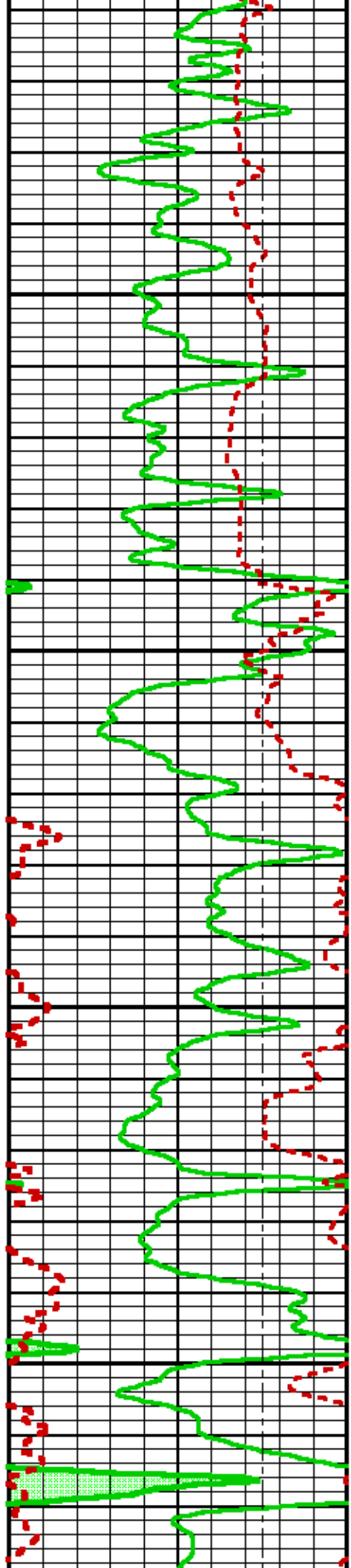
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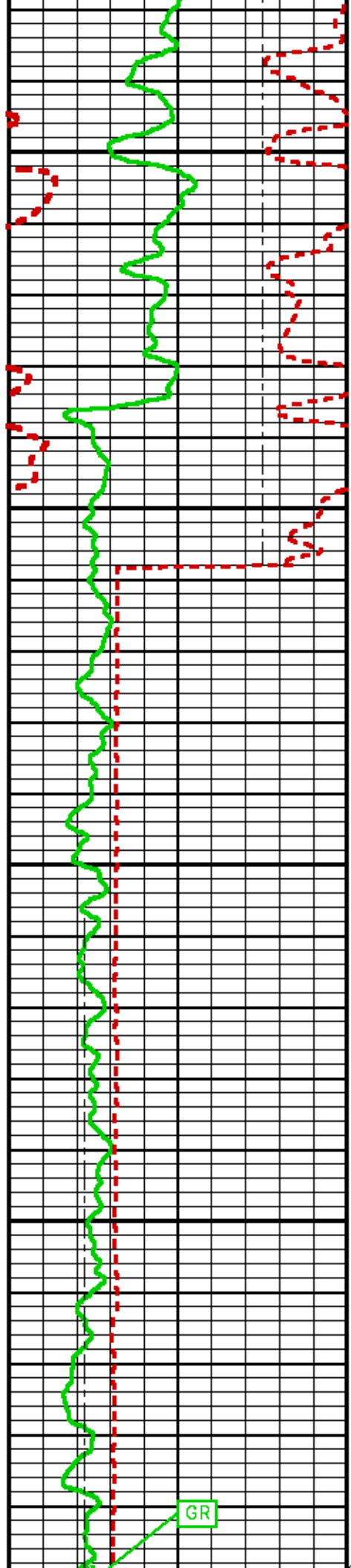




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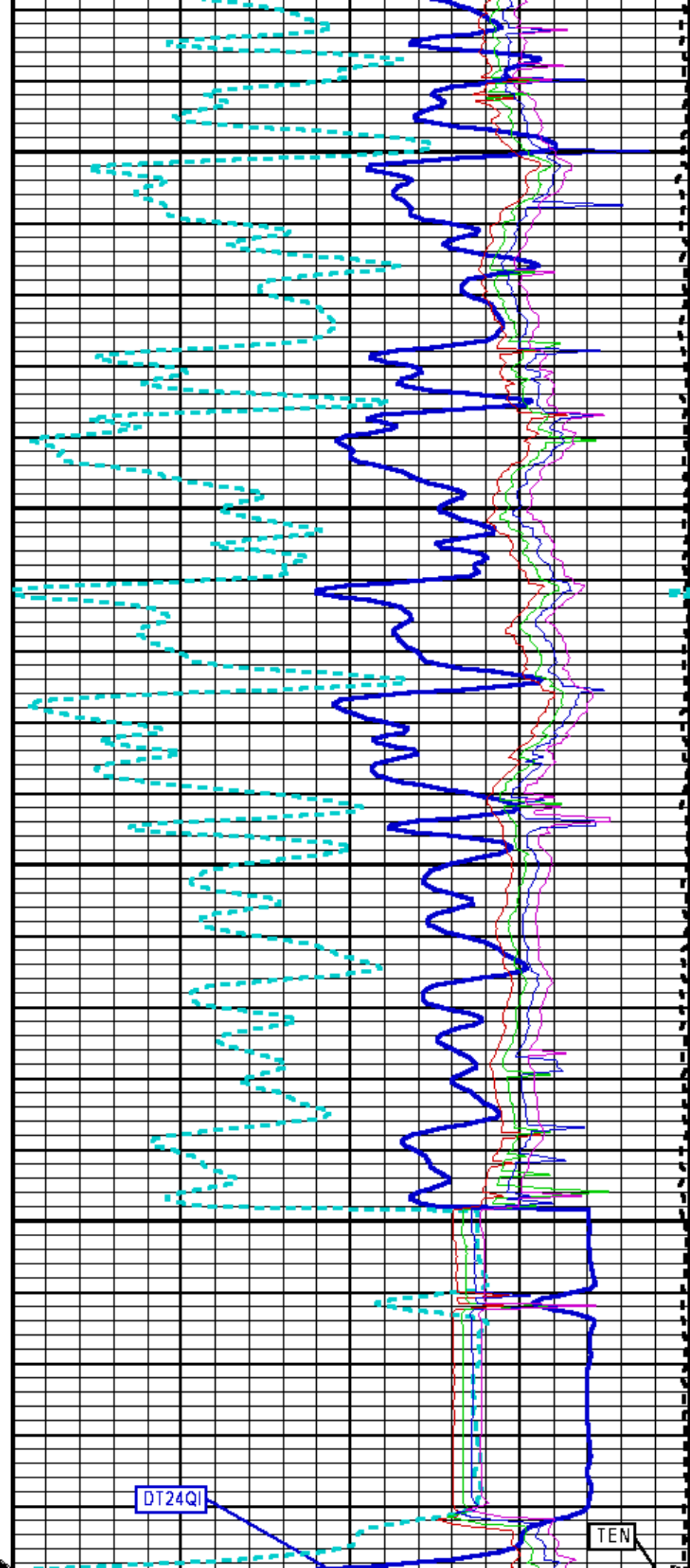
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2800

2900



DT24QI

TEN

CSG

CAL

BIT

3000

3100

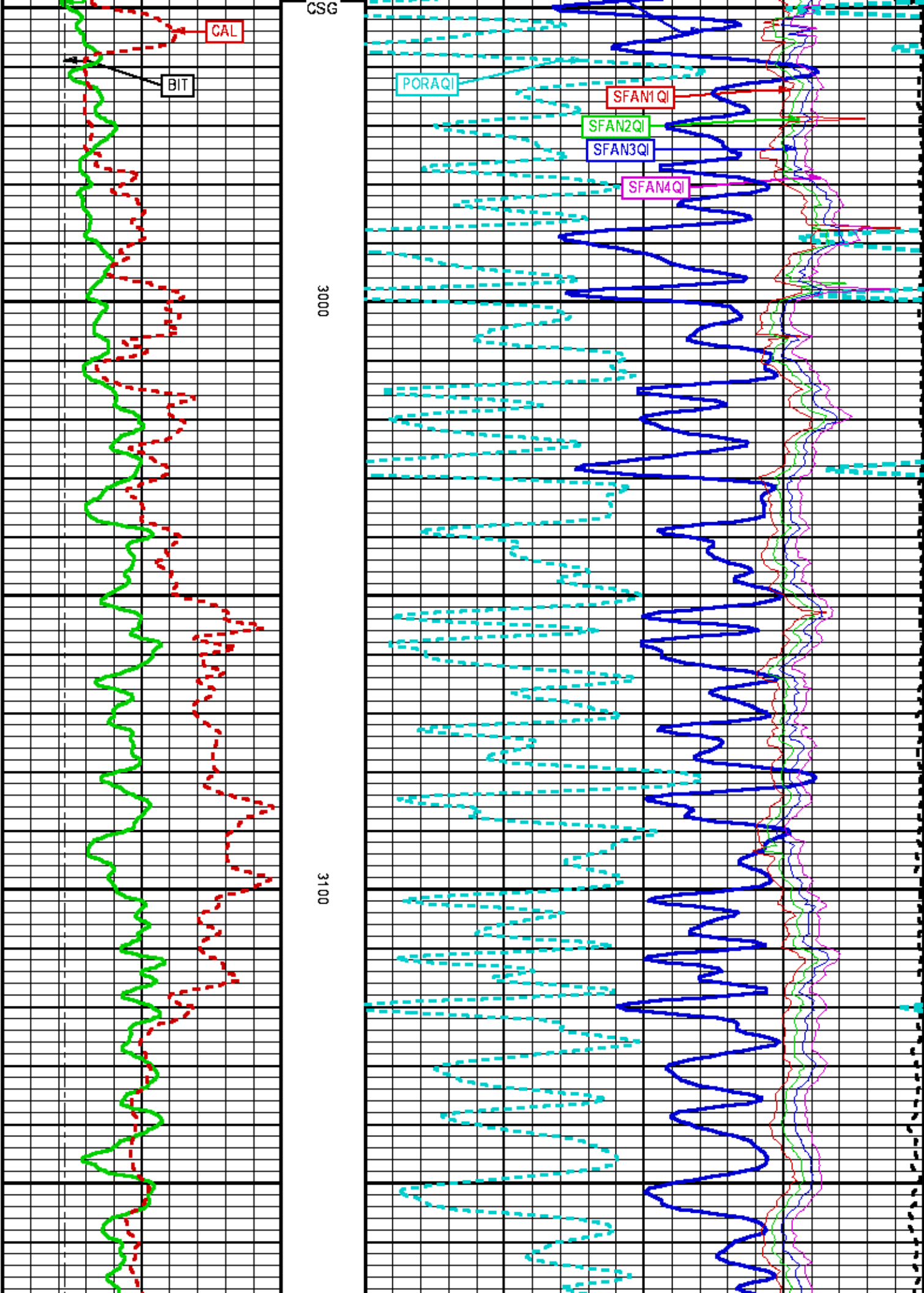
PORAQI

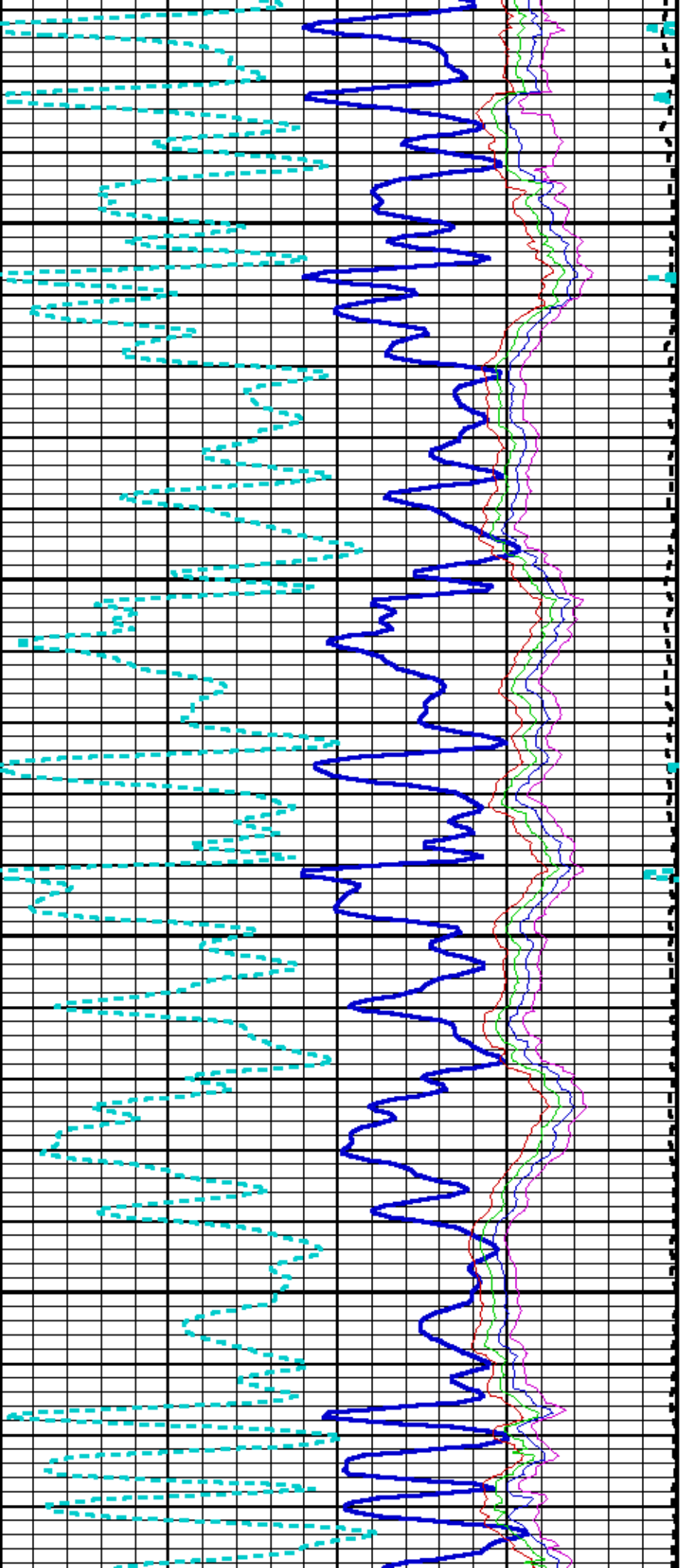
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SFAN2QI

SFAN3QI

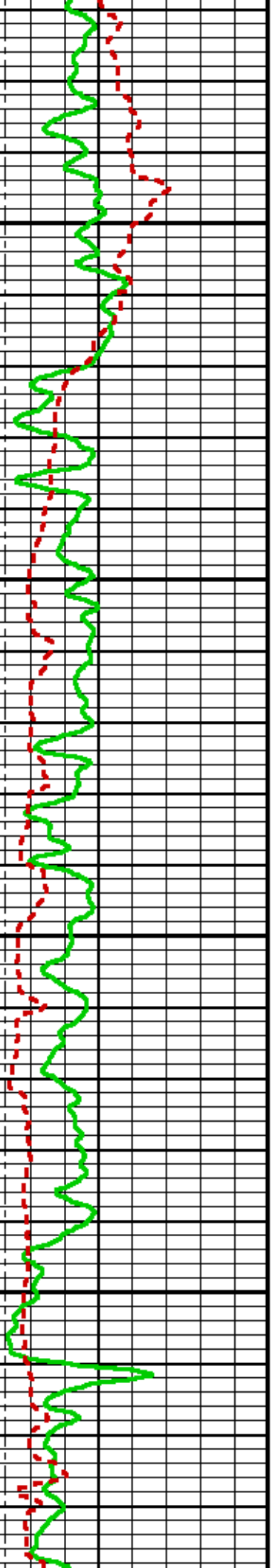
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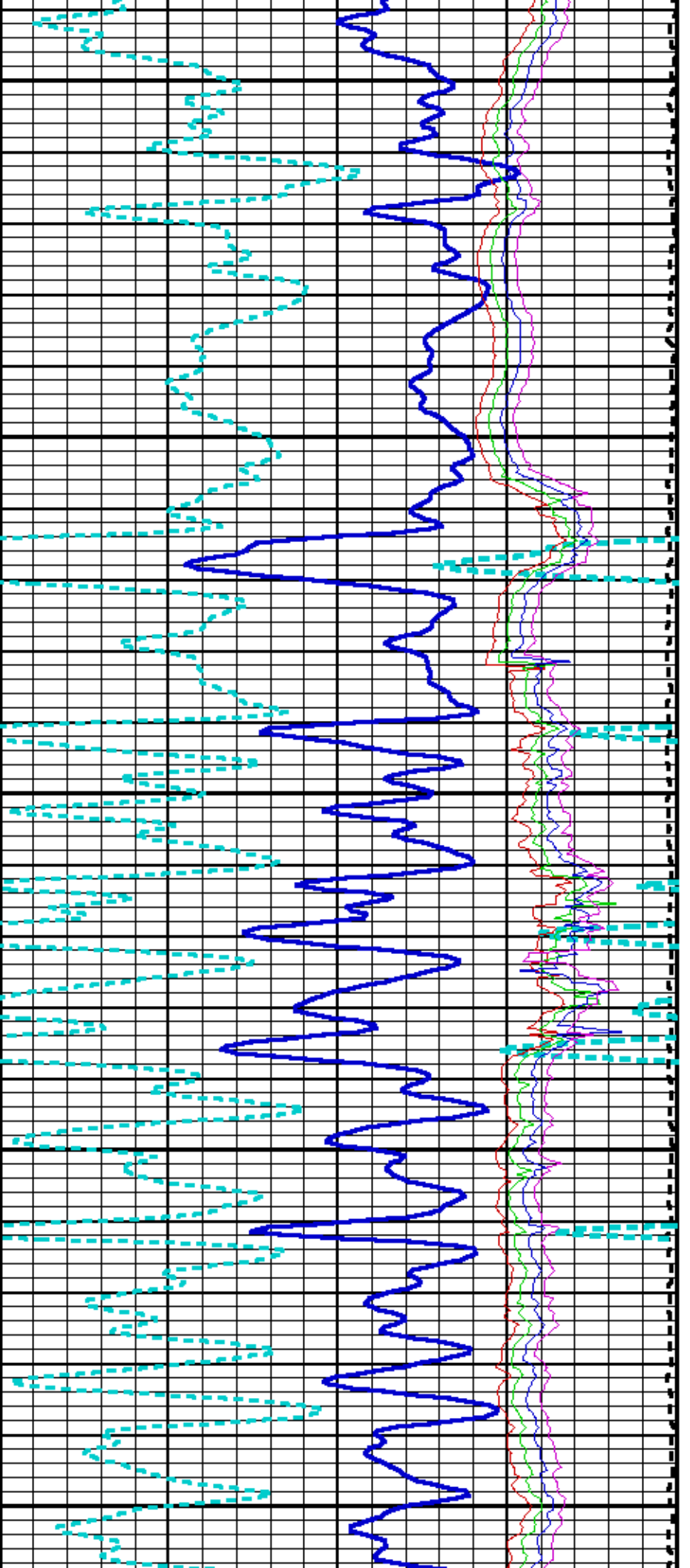




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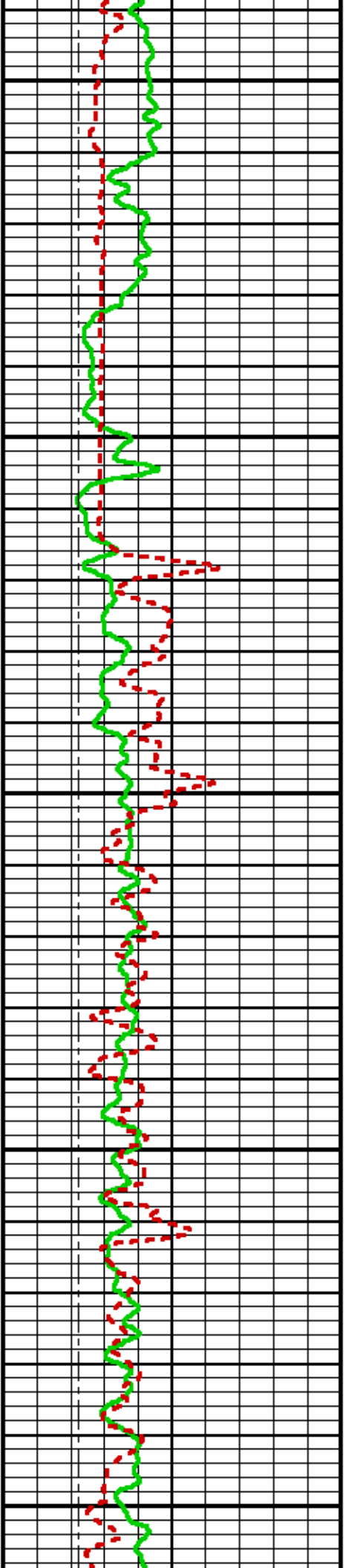


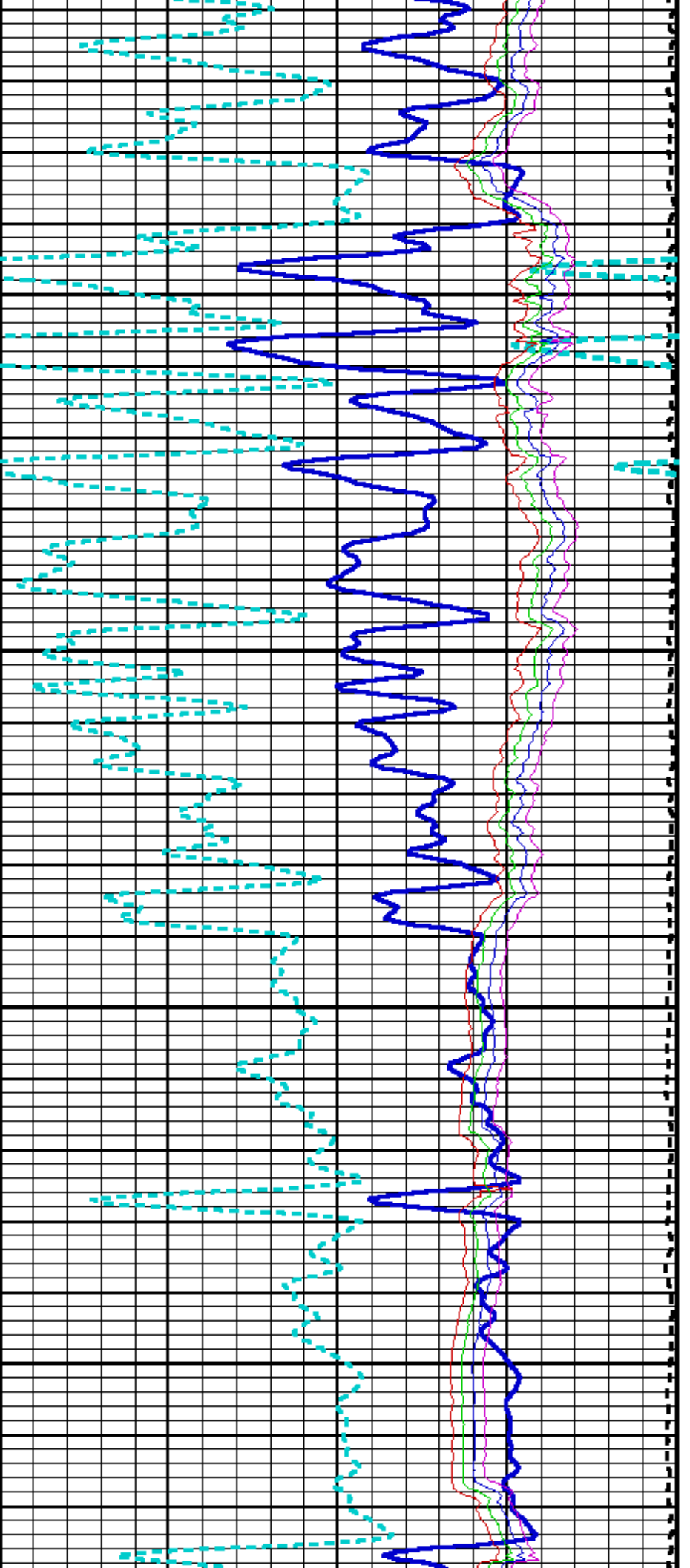


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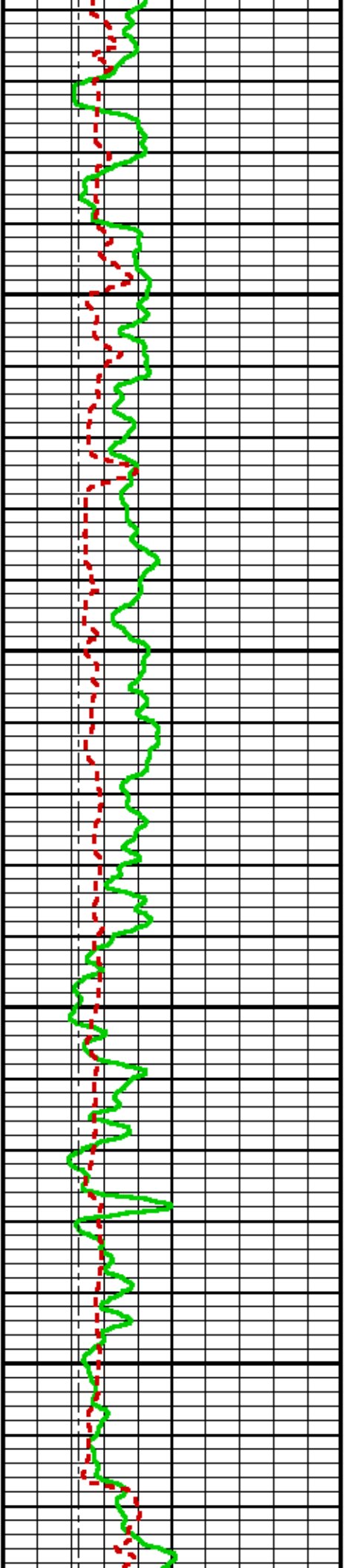
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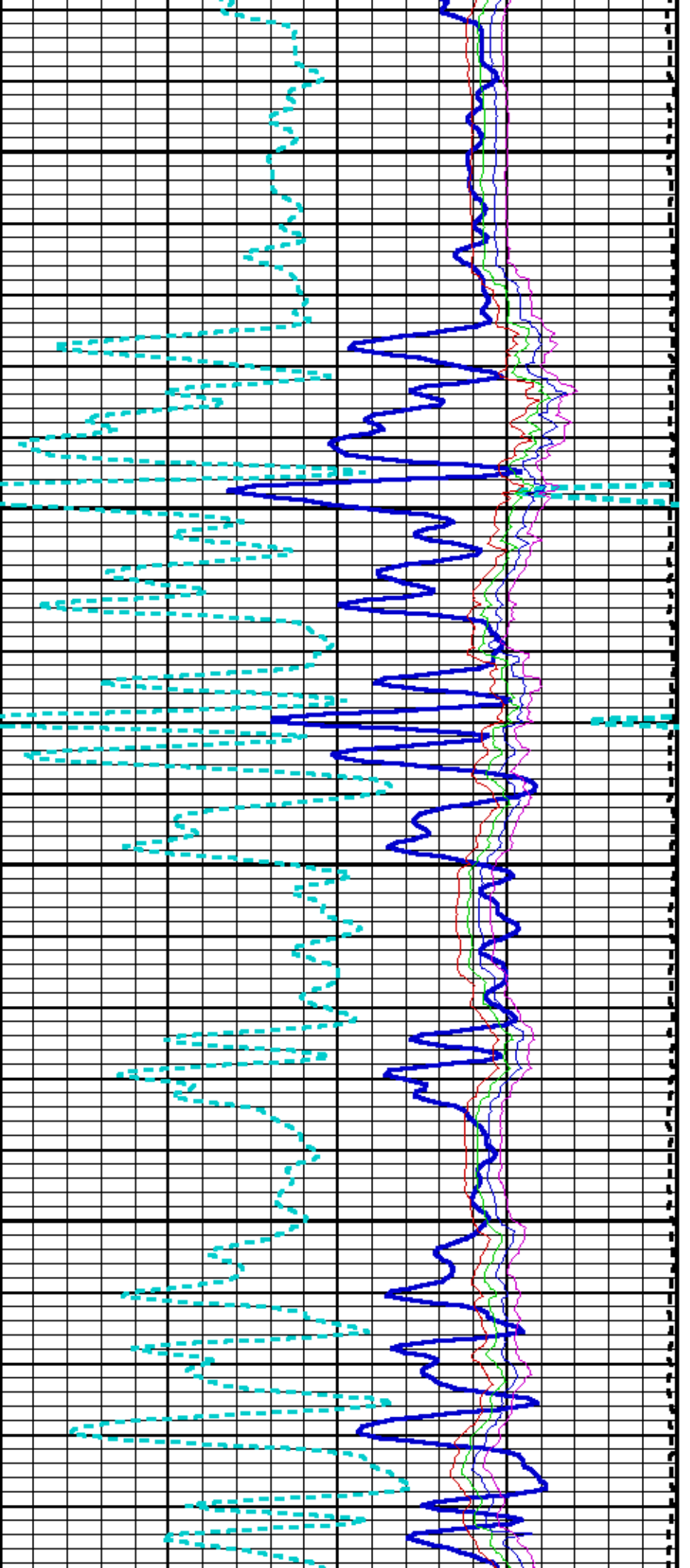




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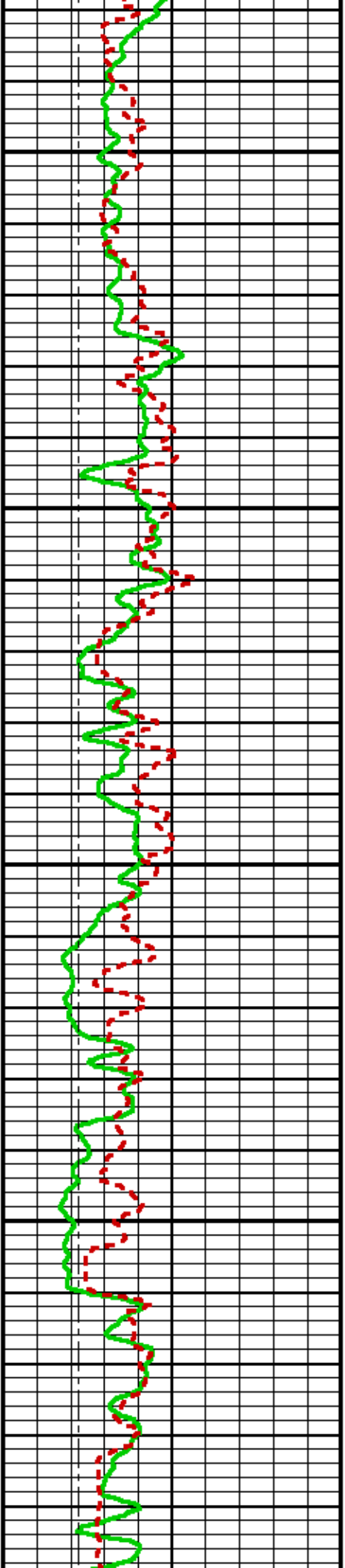
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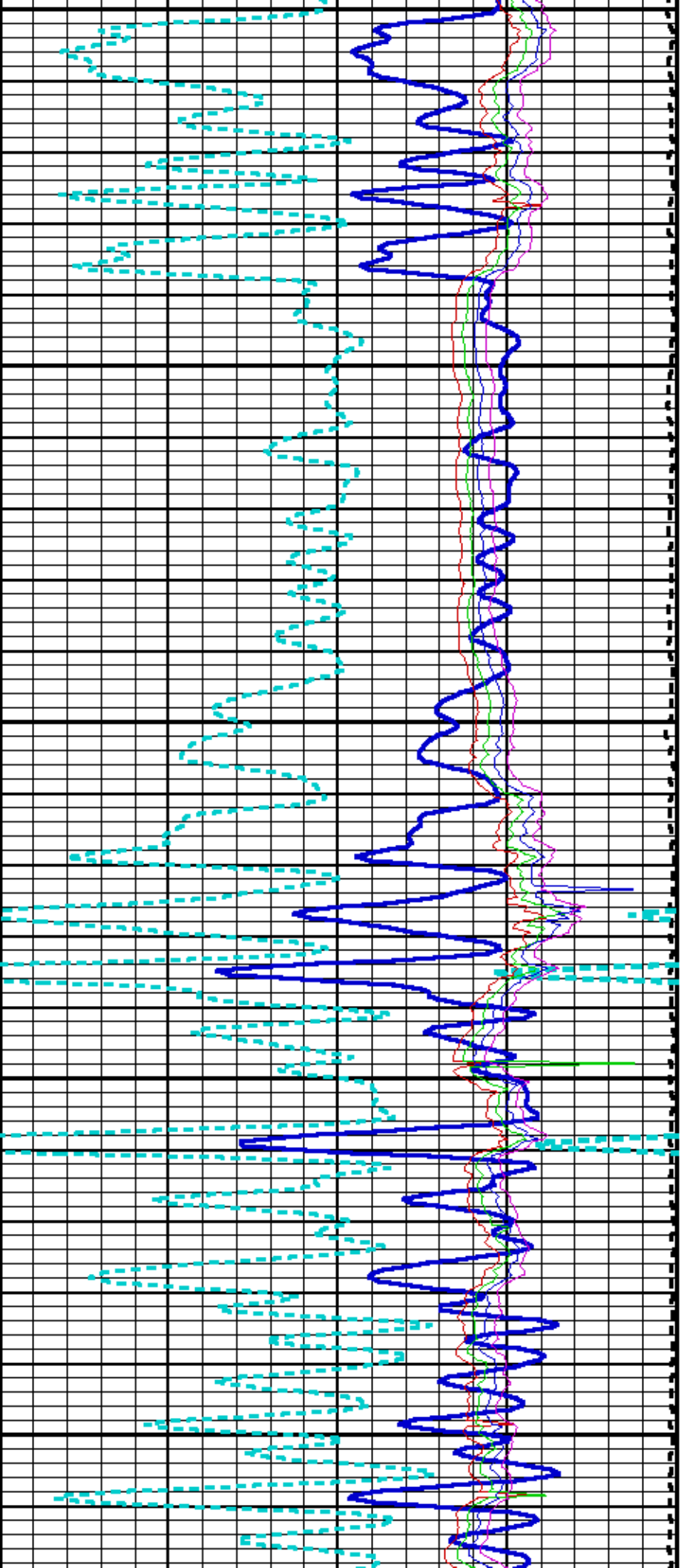




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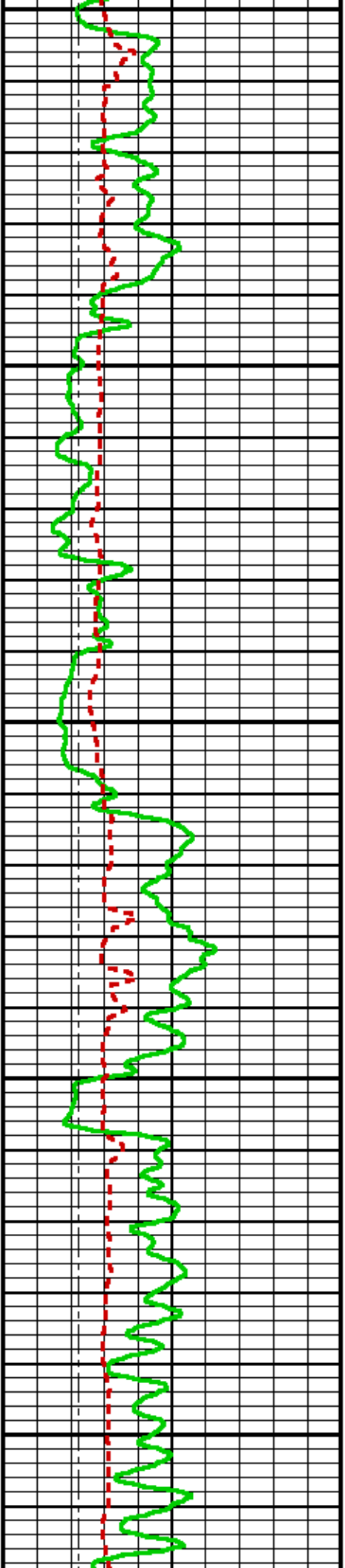
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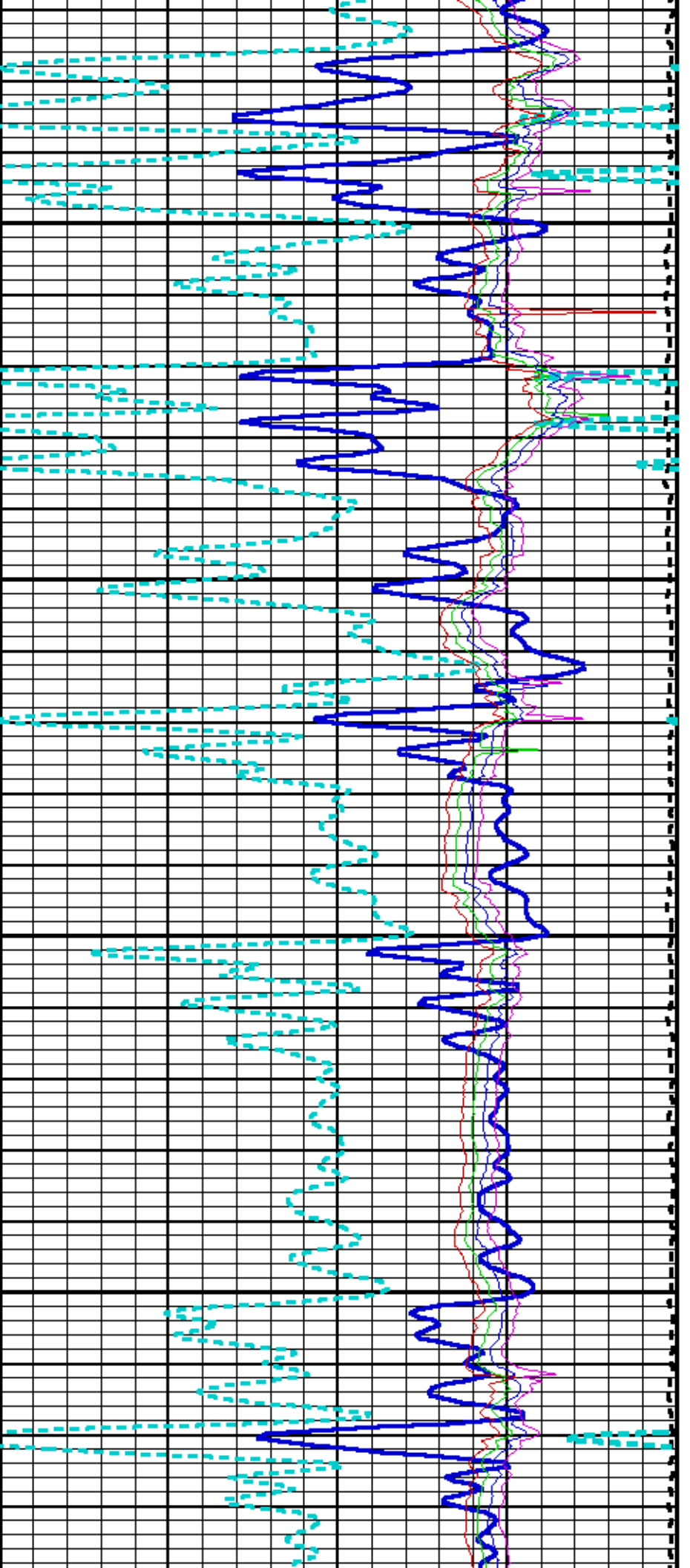




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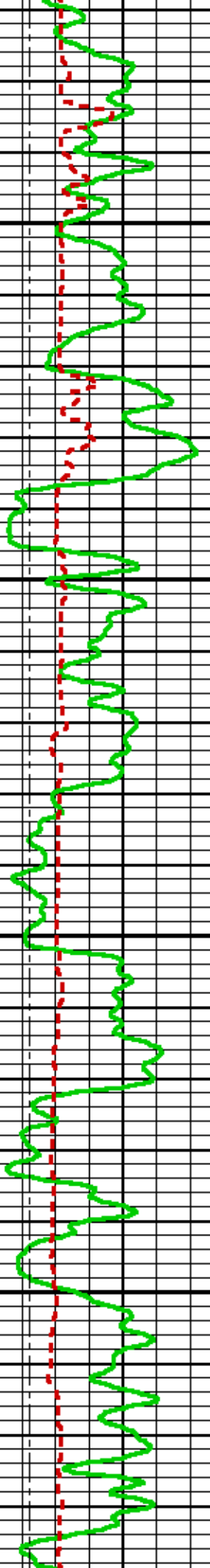
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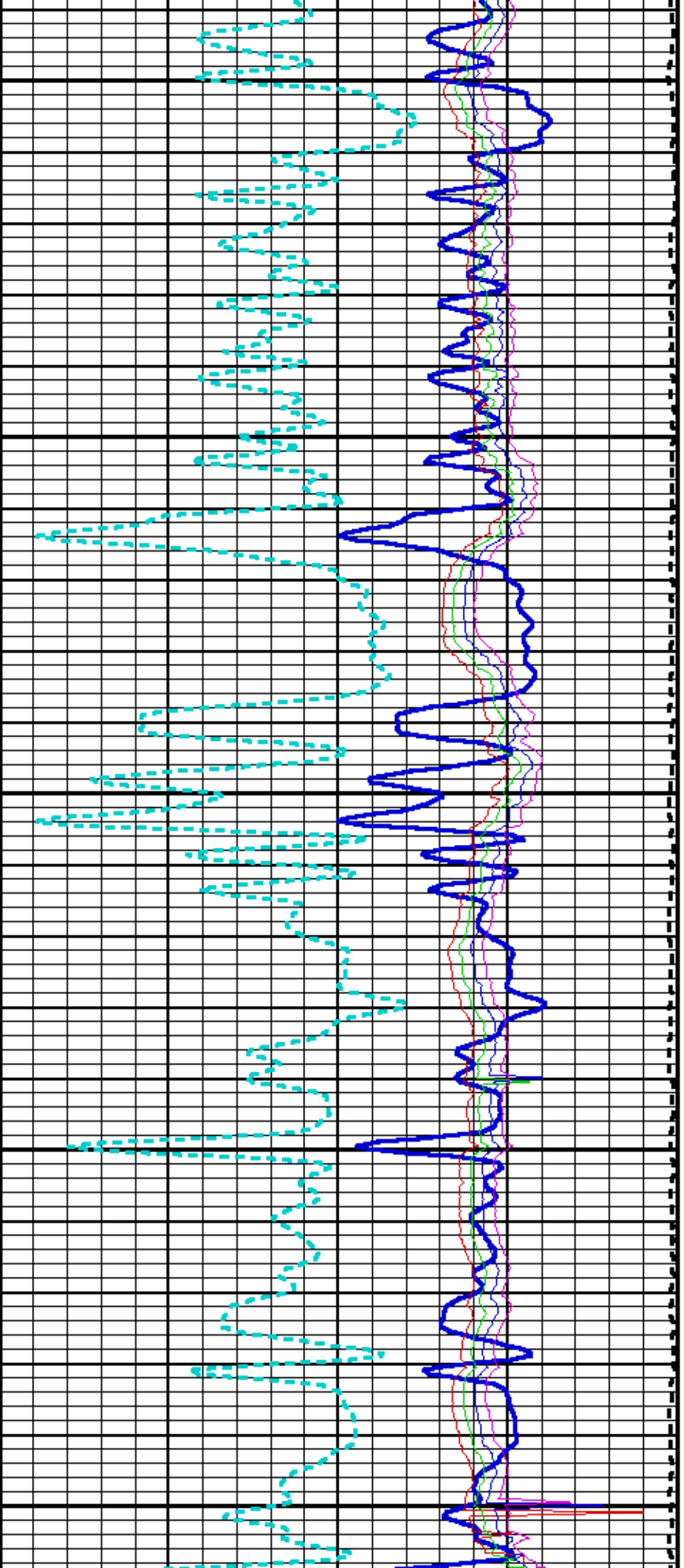




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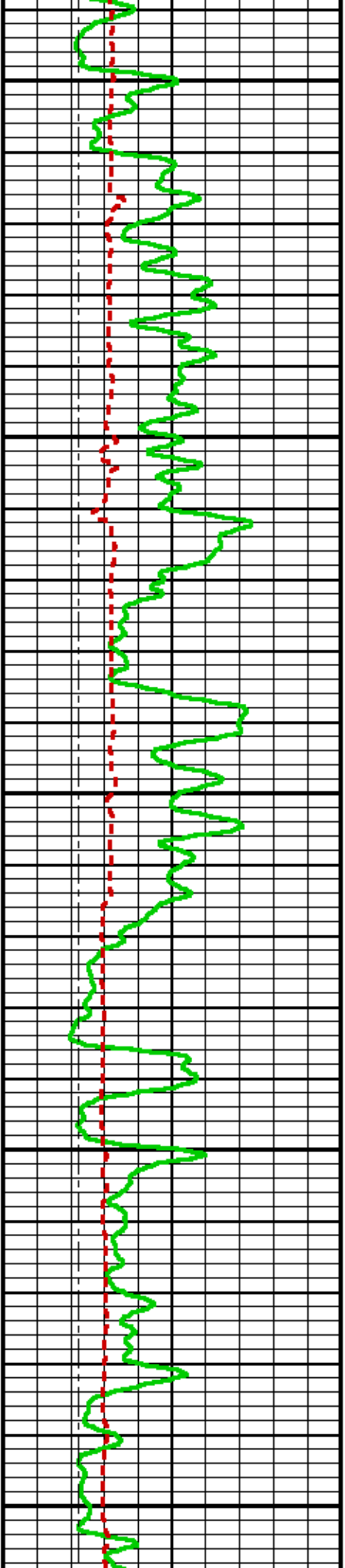


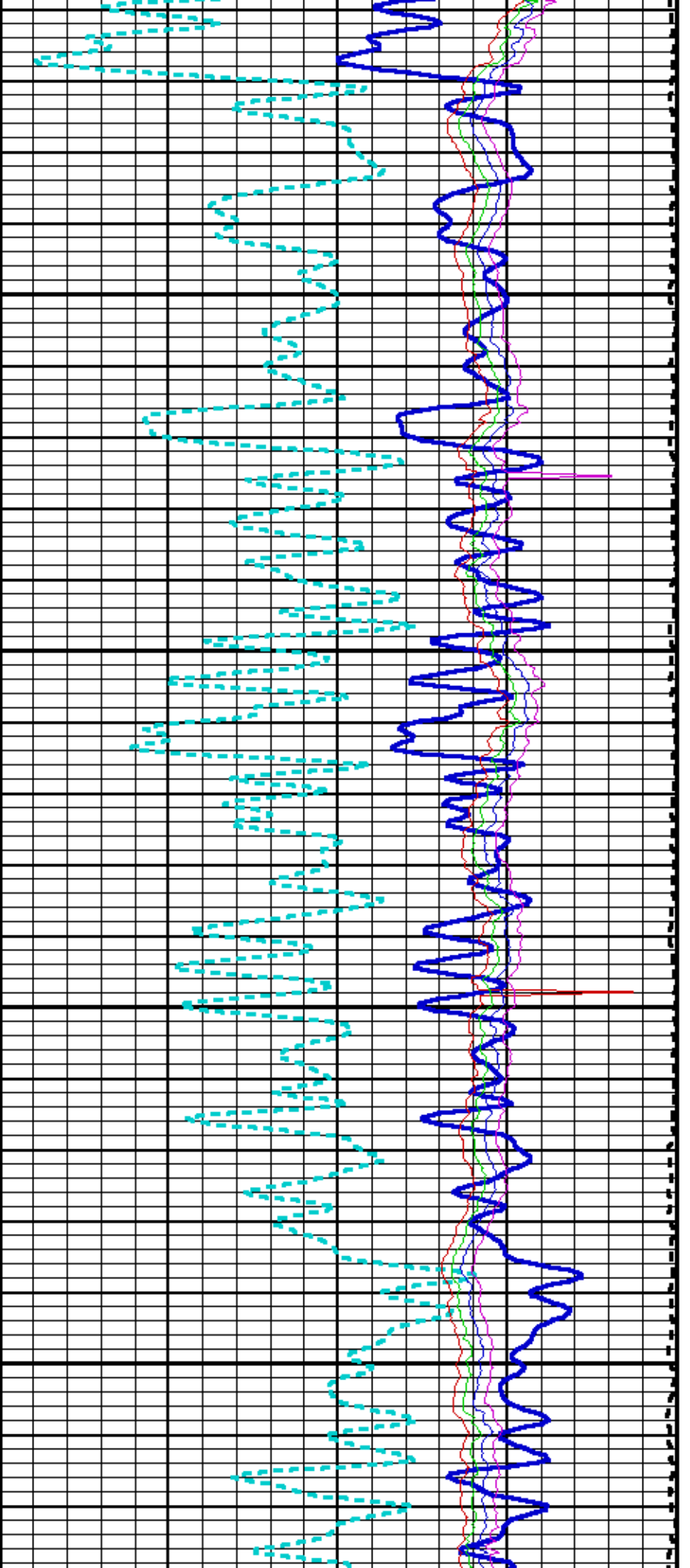


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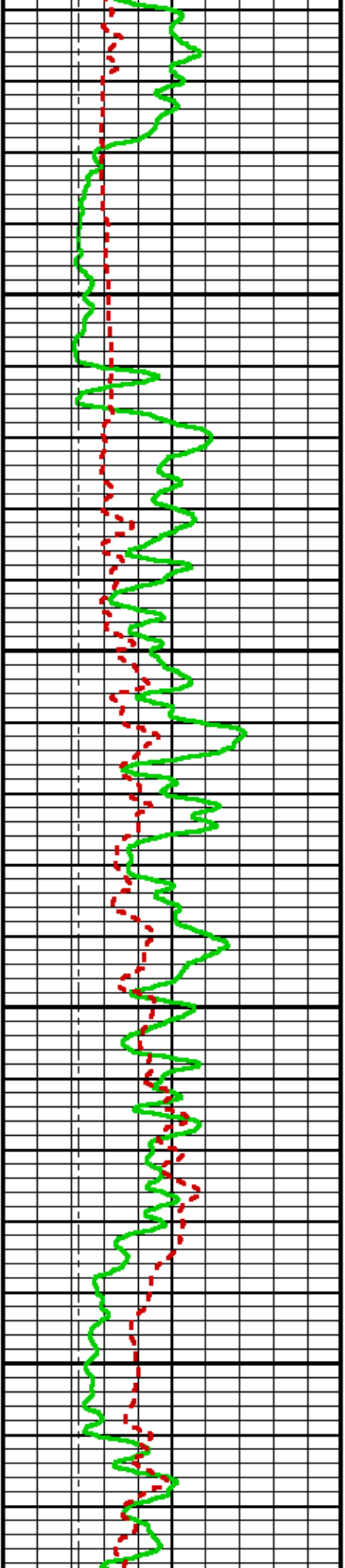
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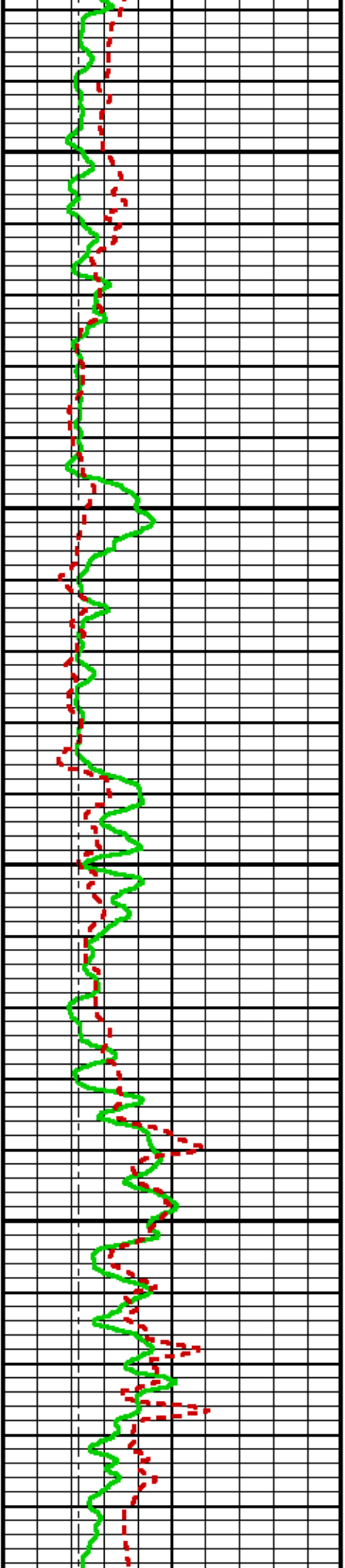




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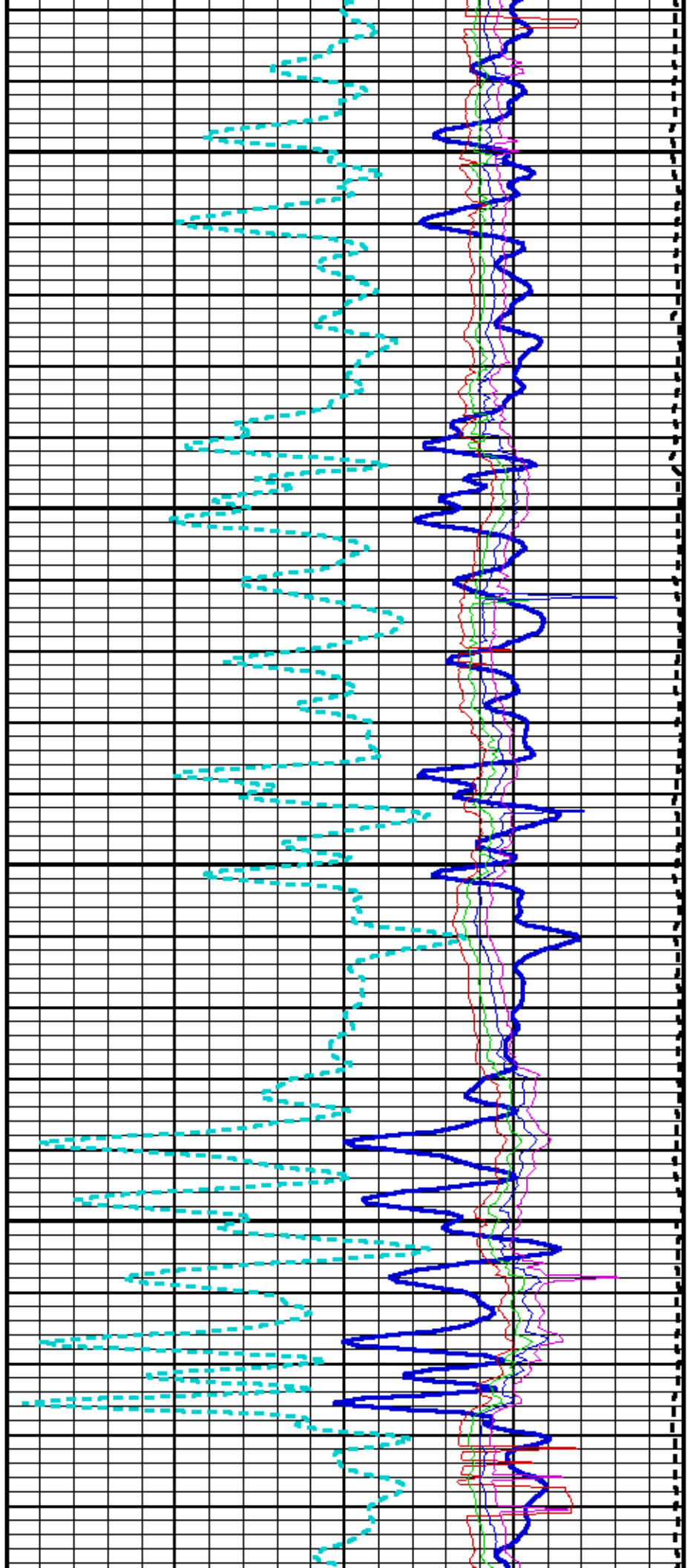
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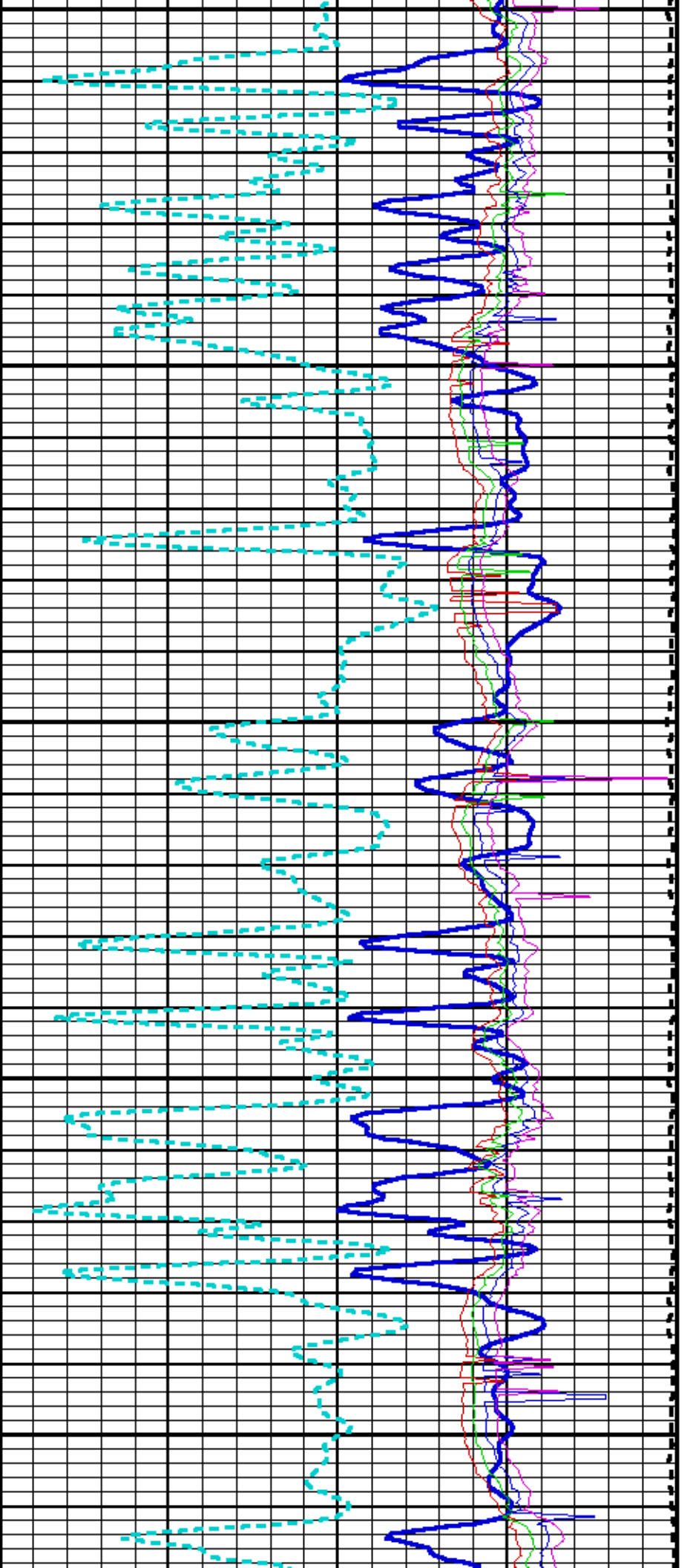




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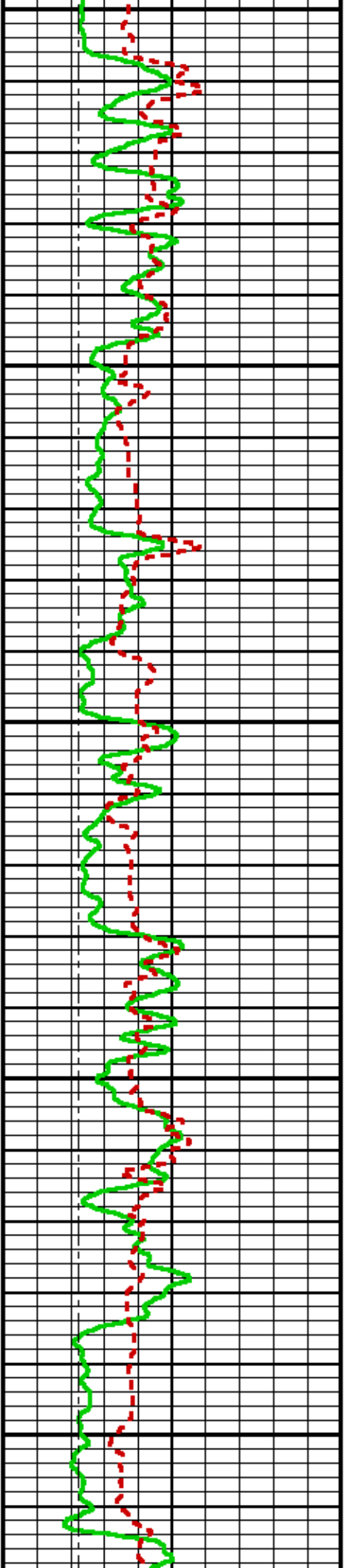
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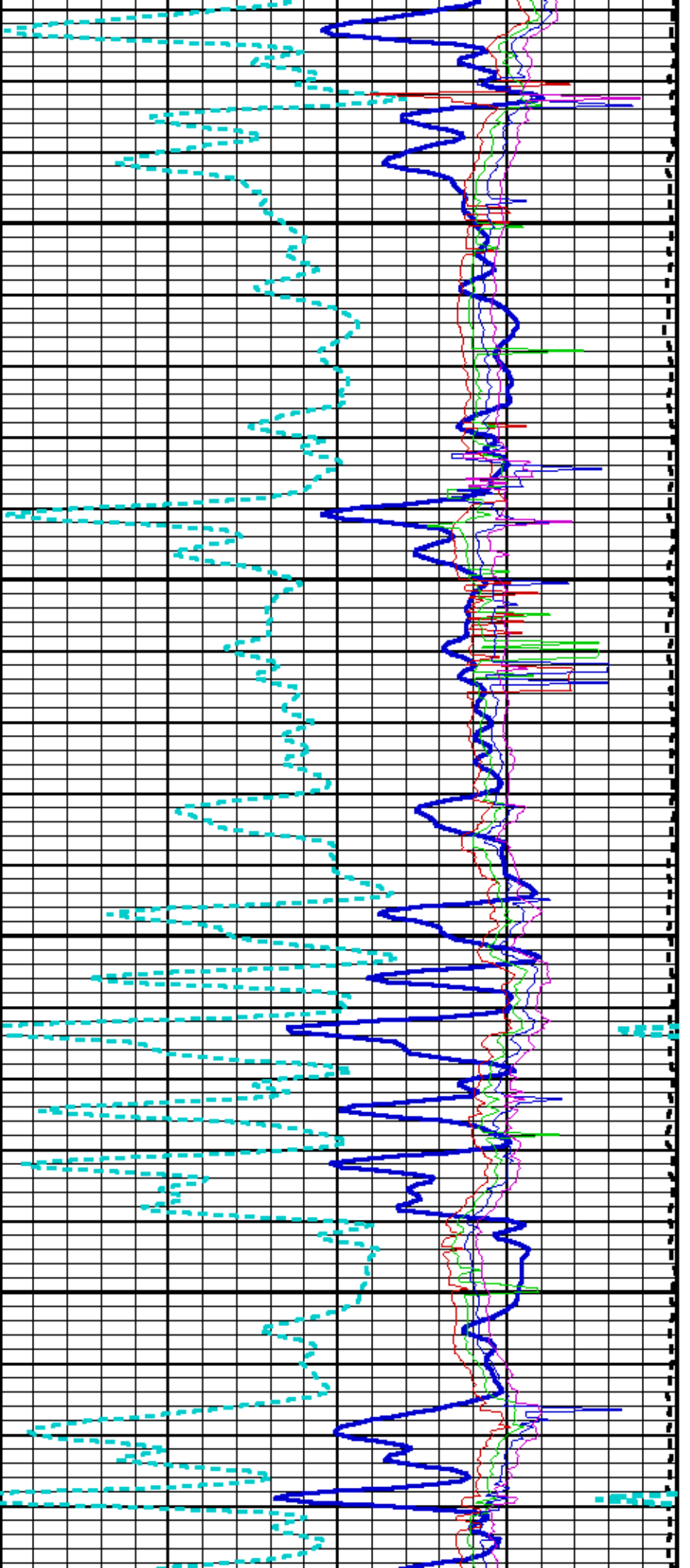




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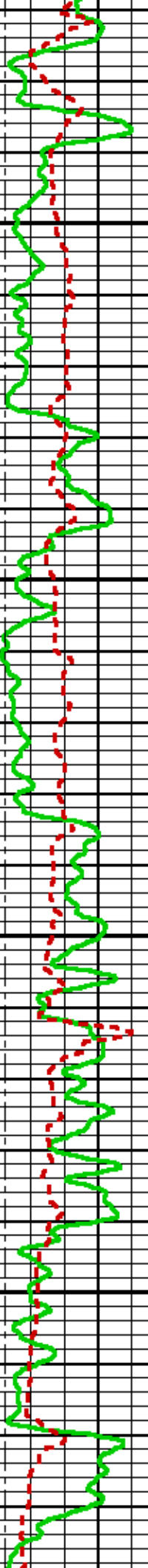
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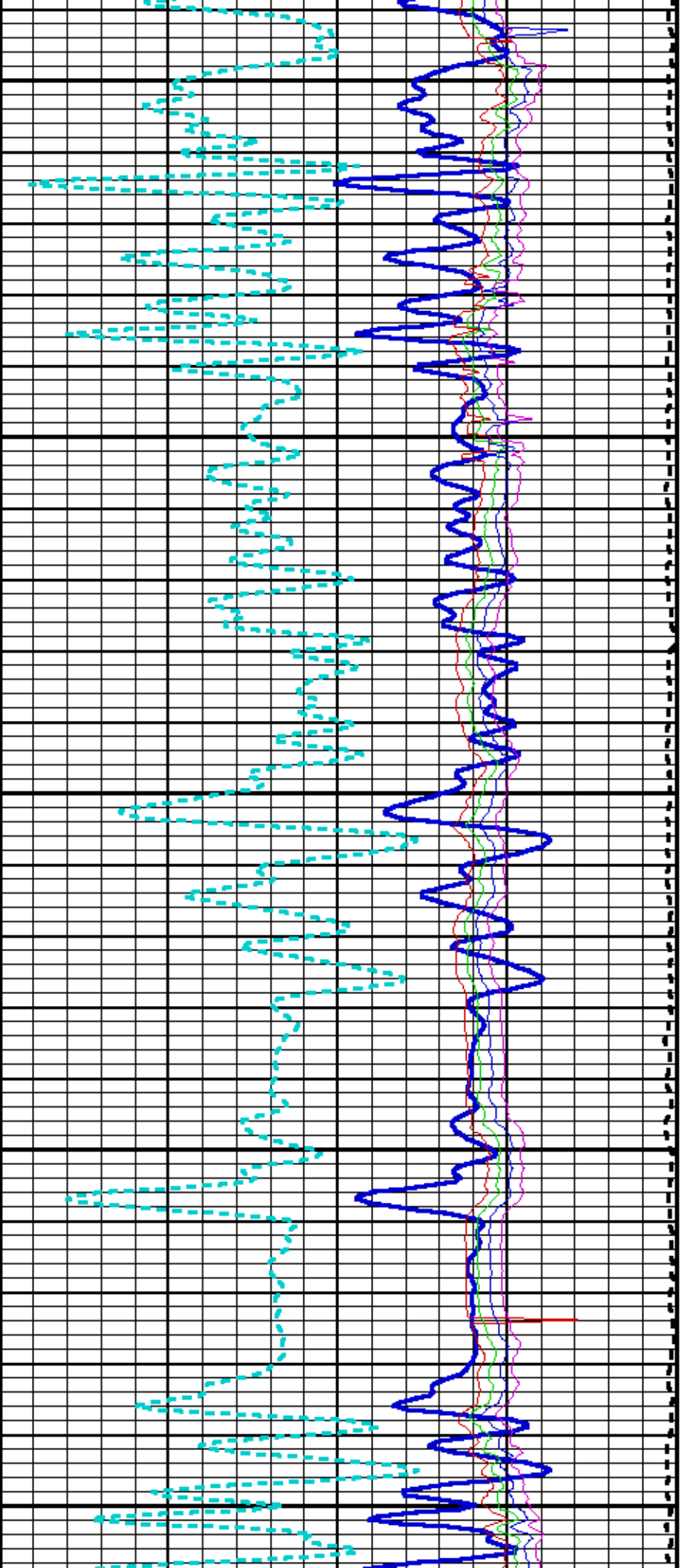




5400

5500

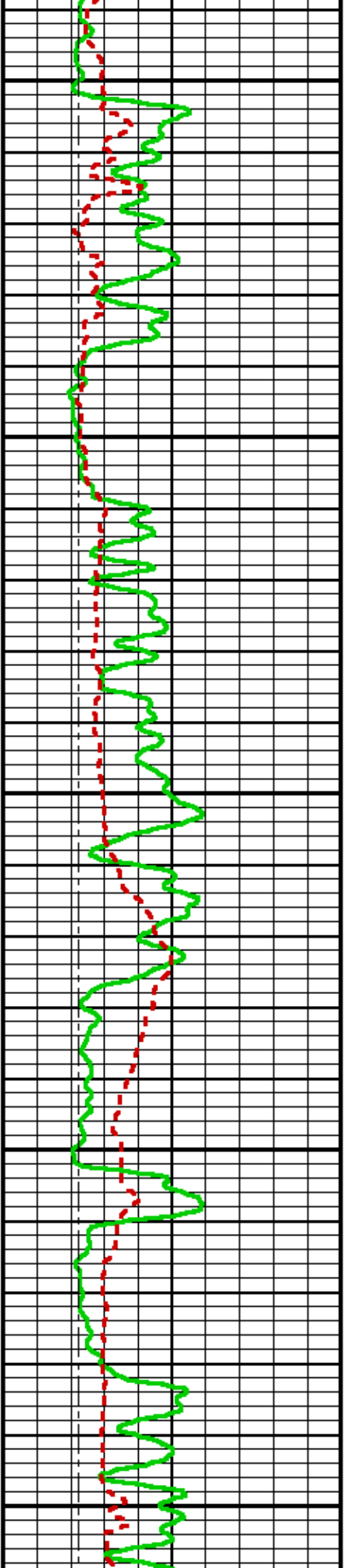


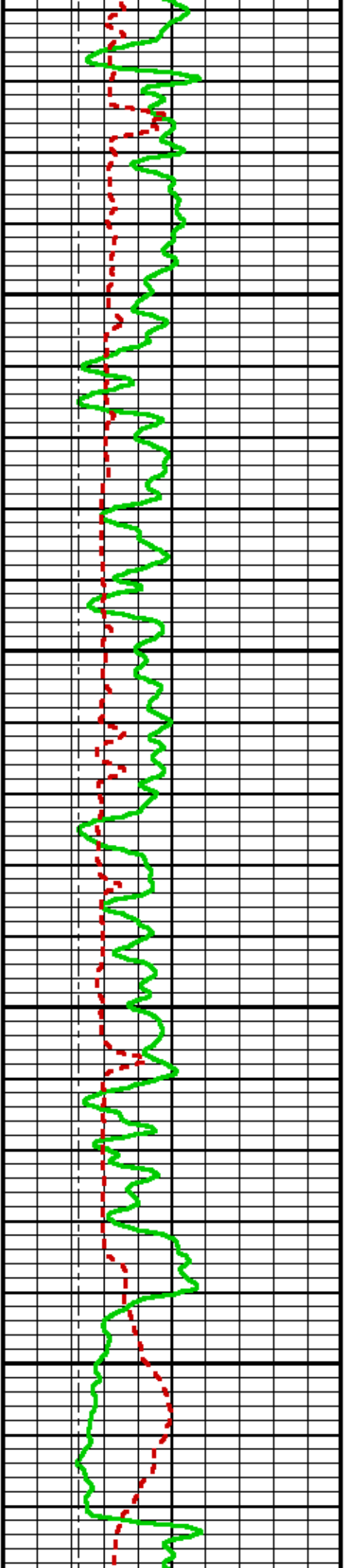


5600

5700

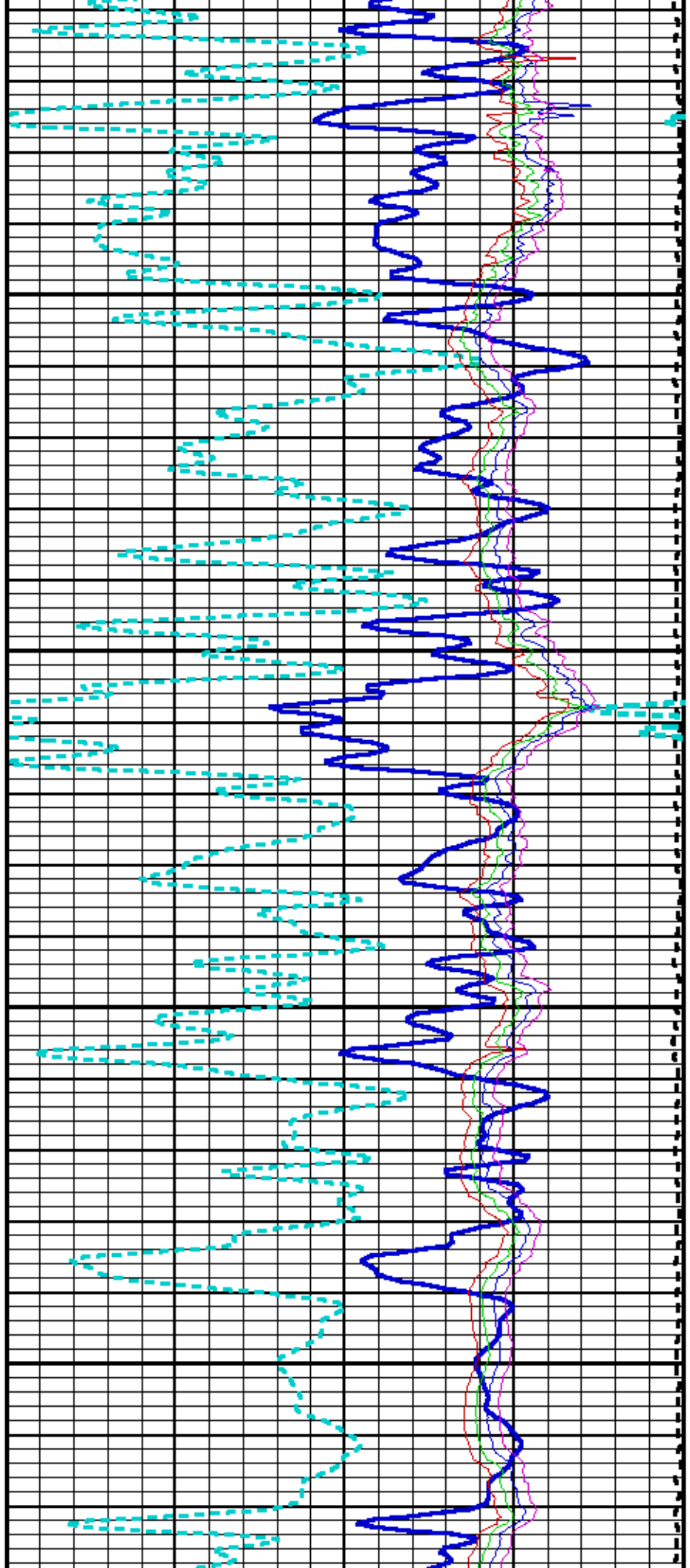
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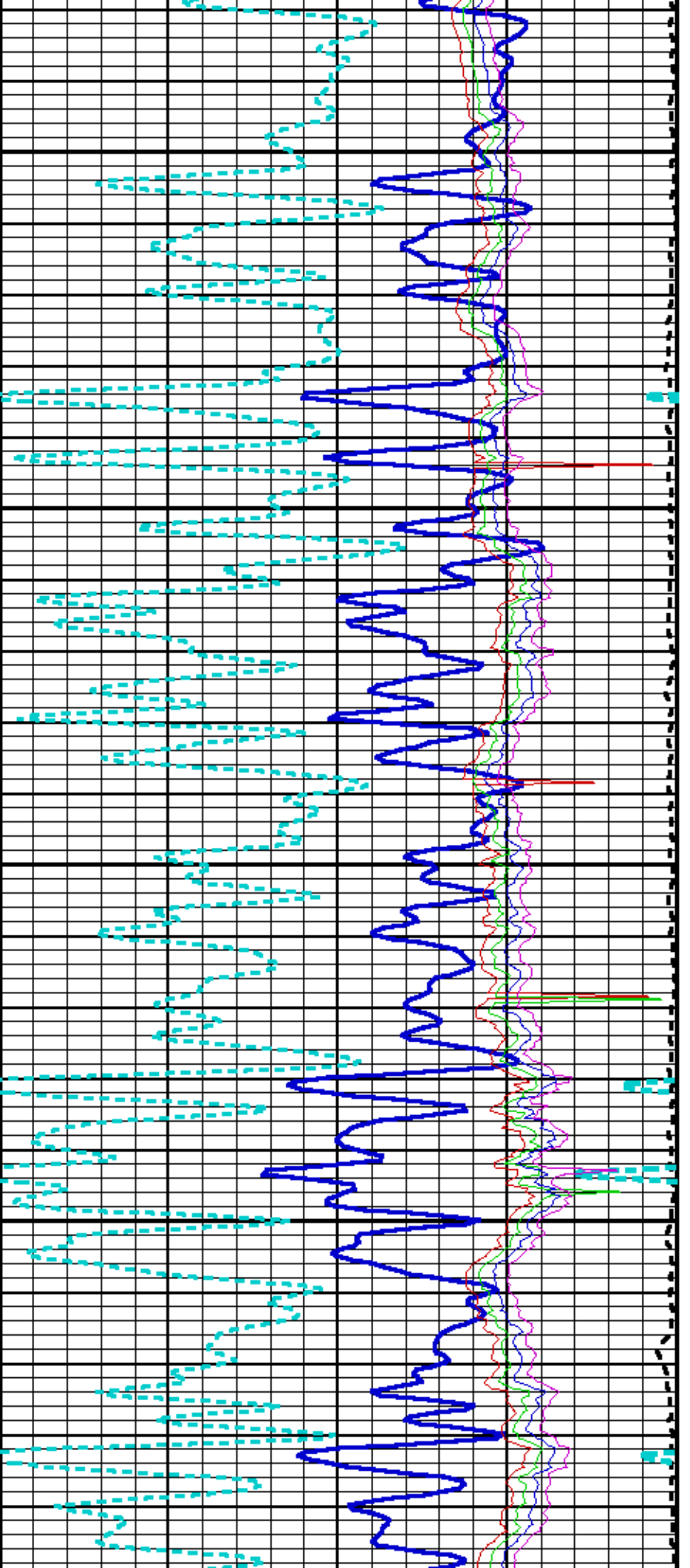




5900

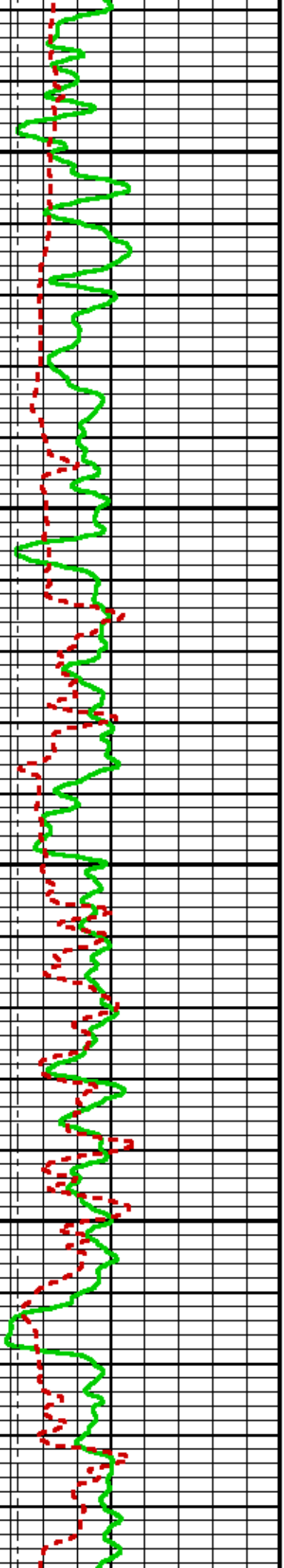
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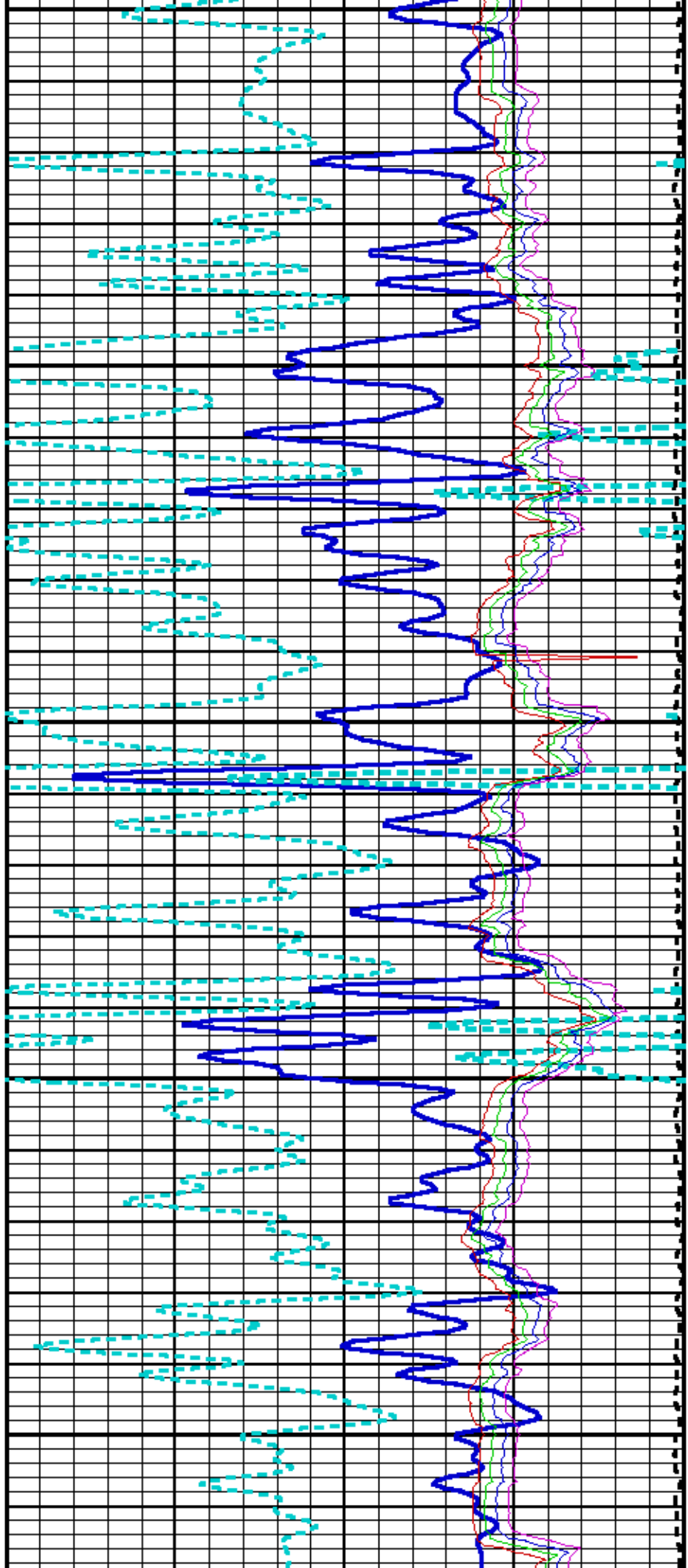




6100

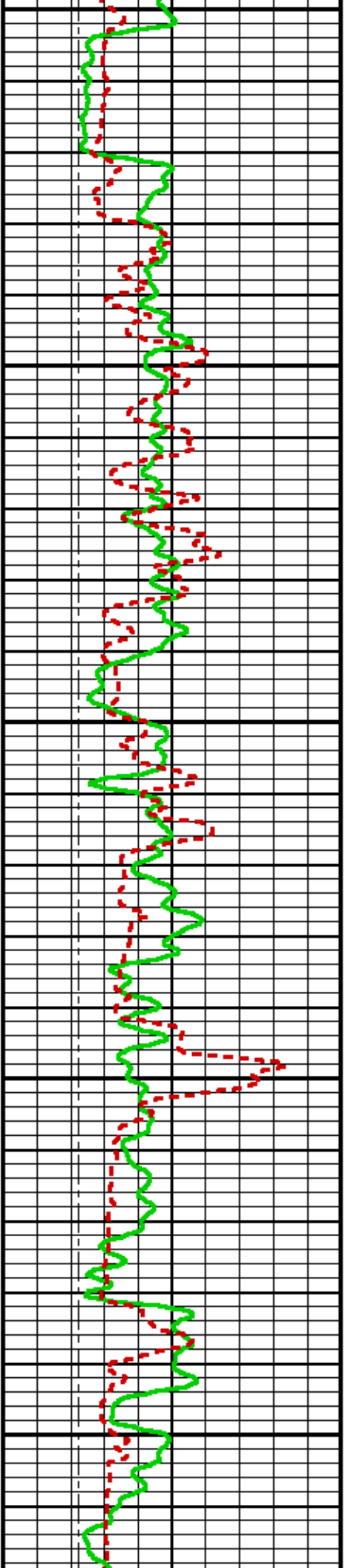
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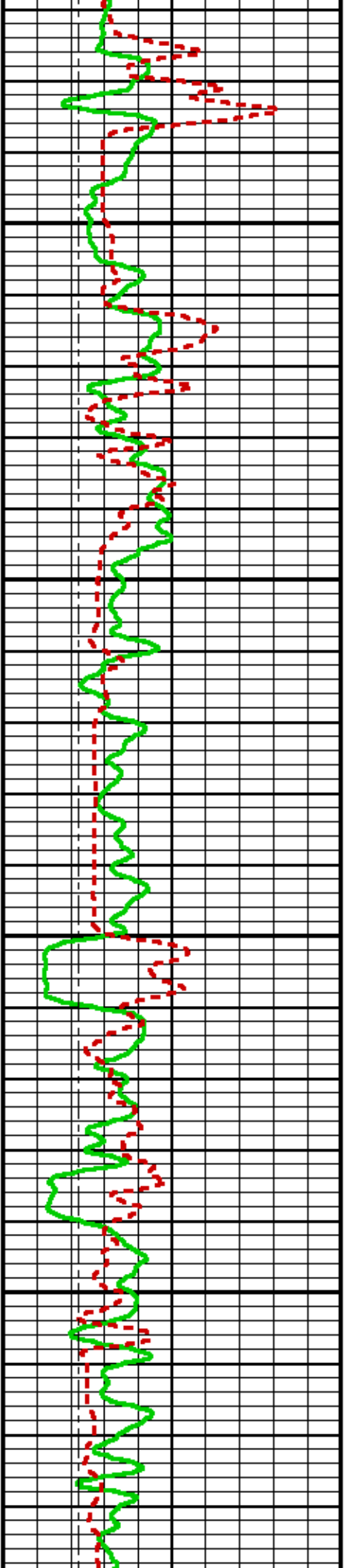




6300

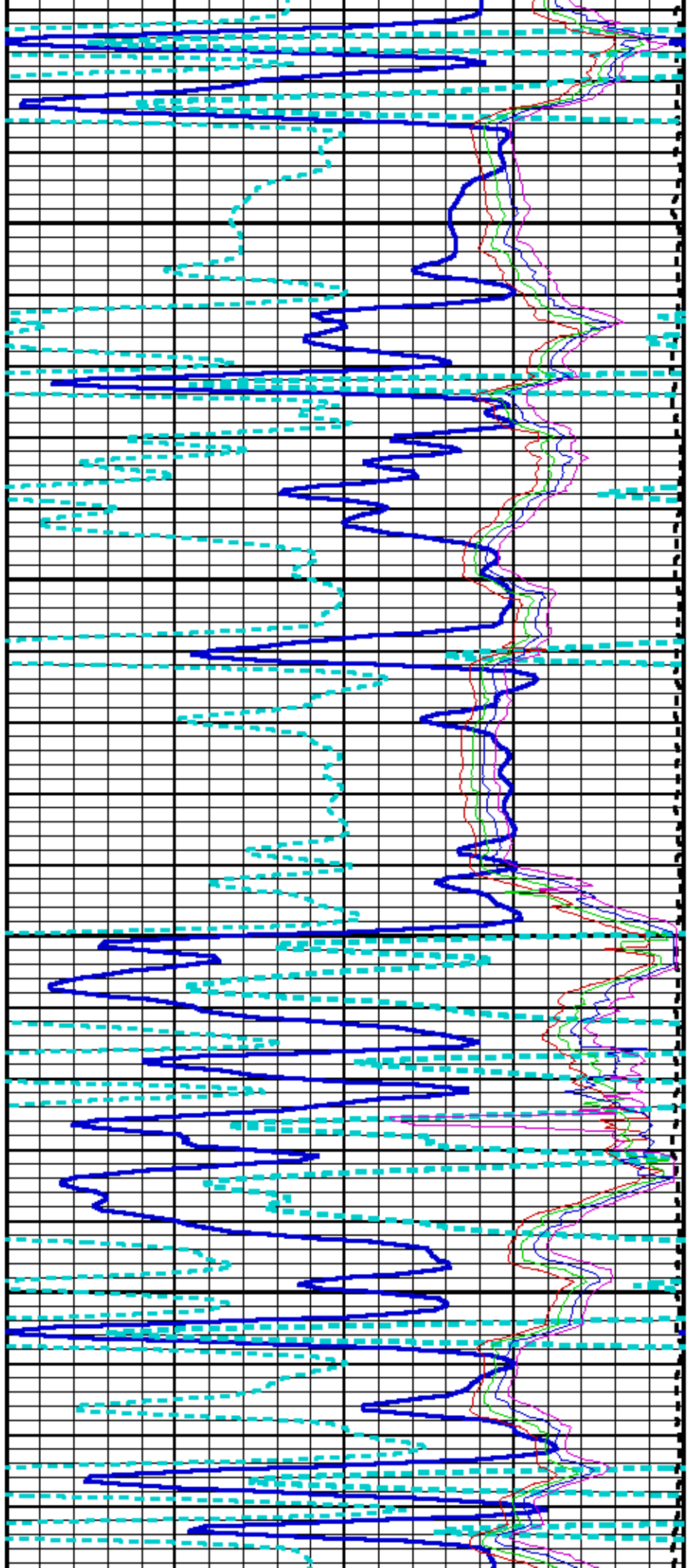
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6500

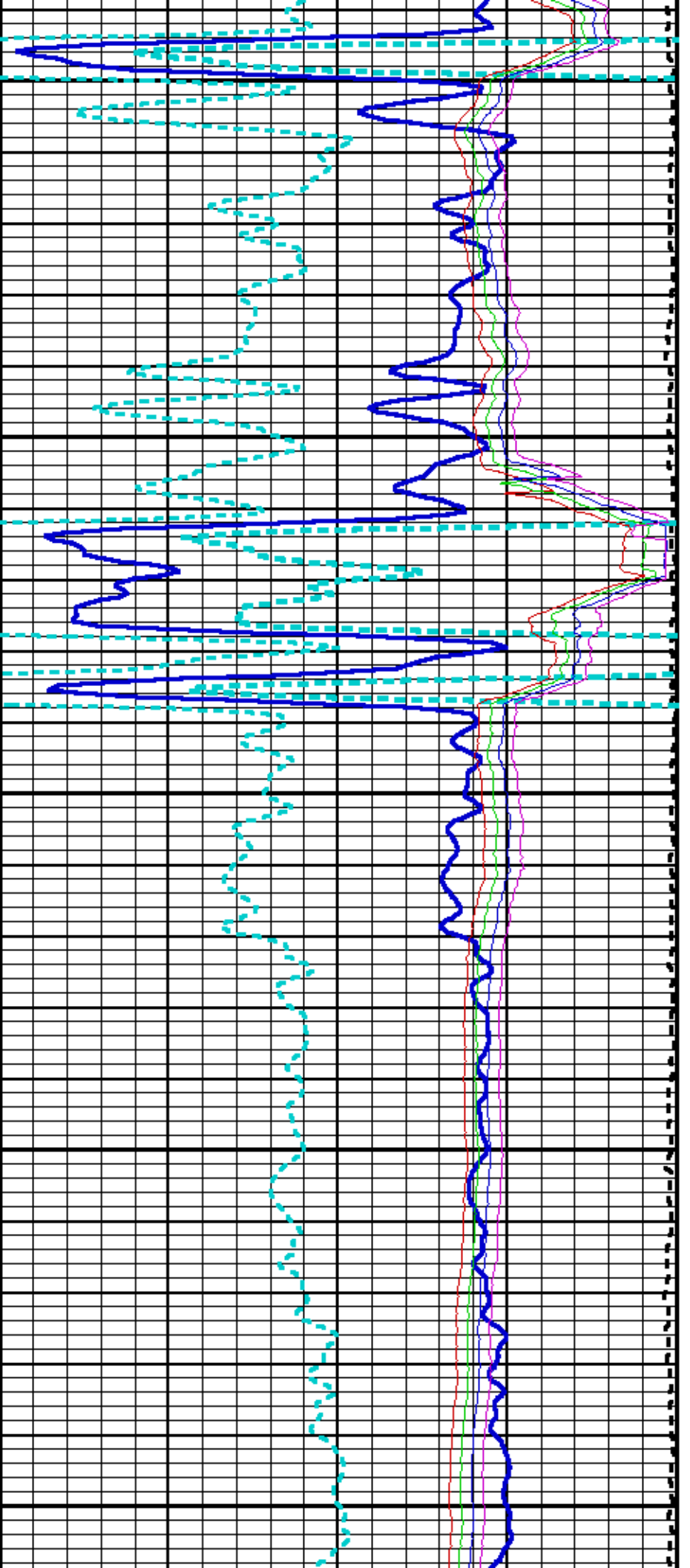
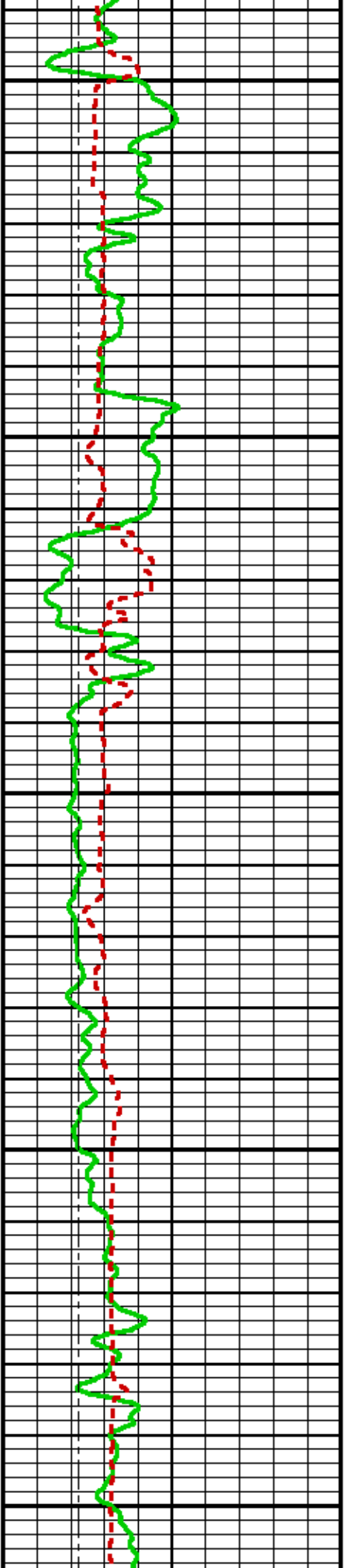
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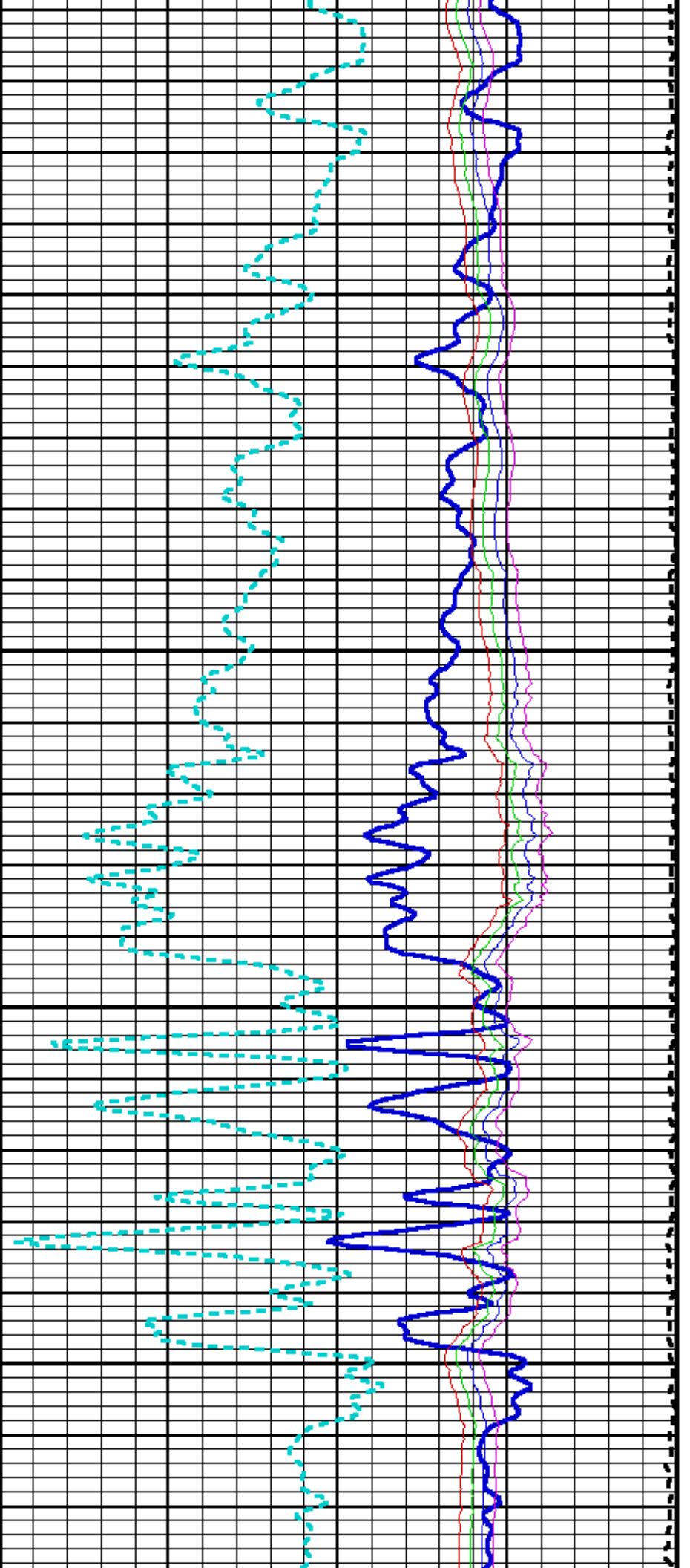


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6800

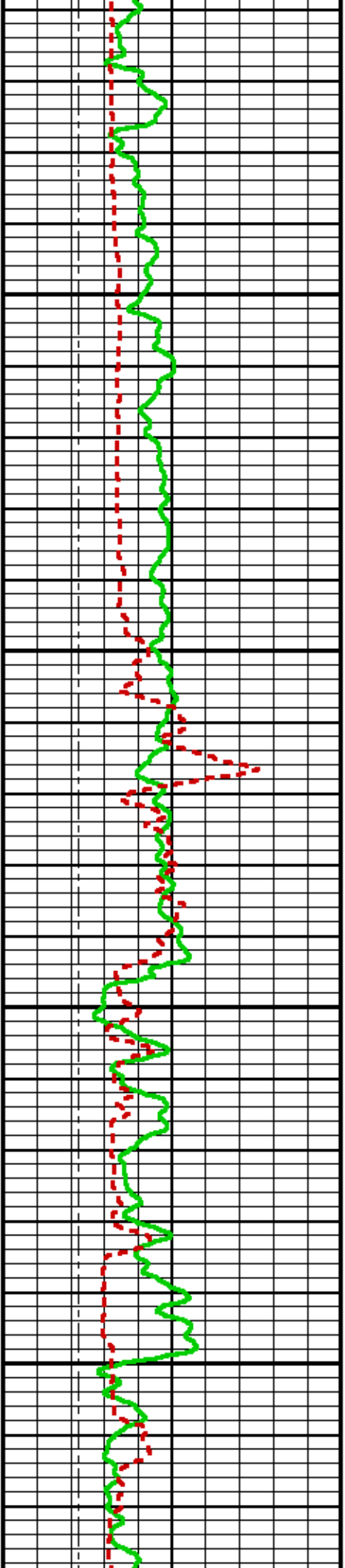
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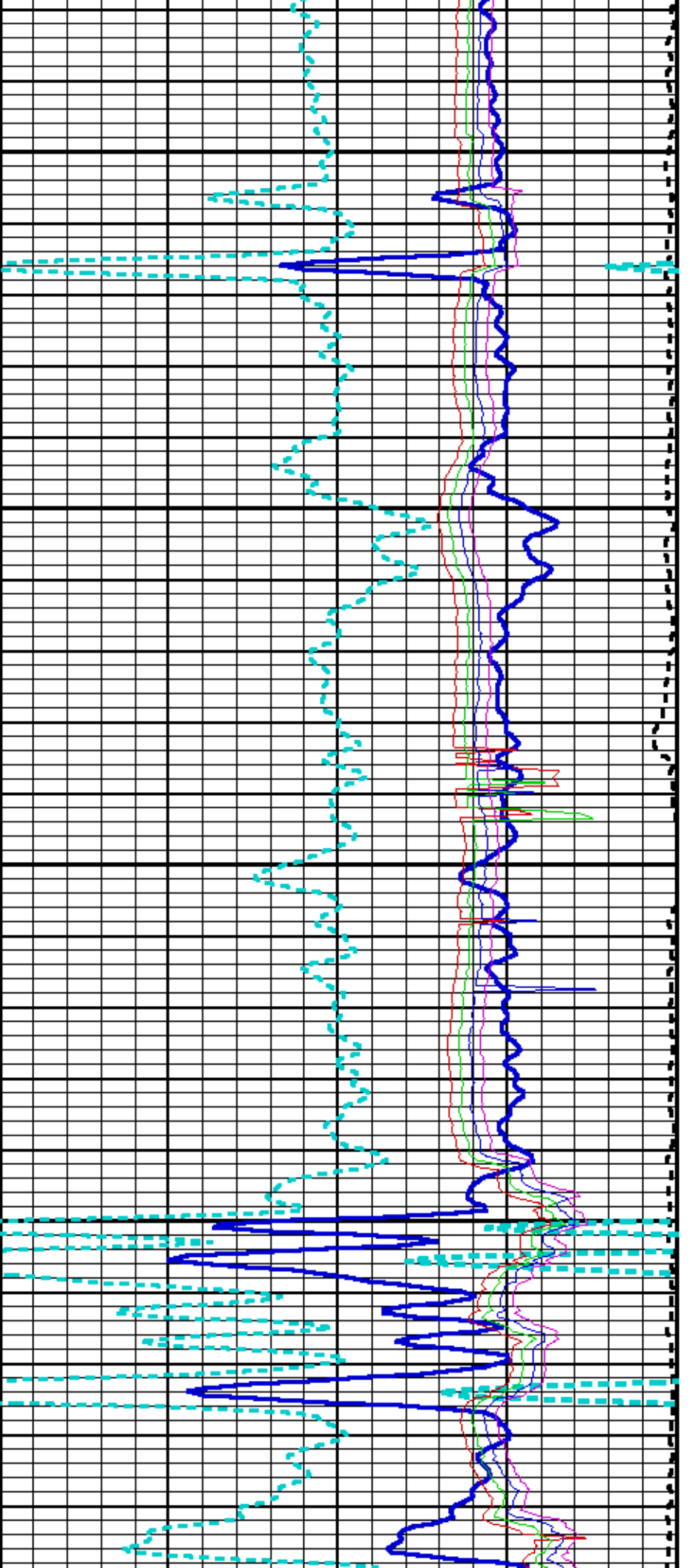




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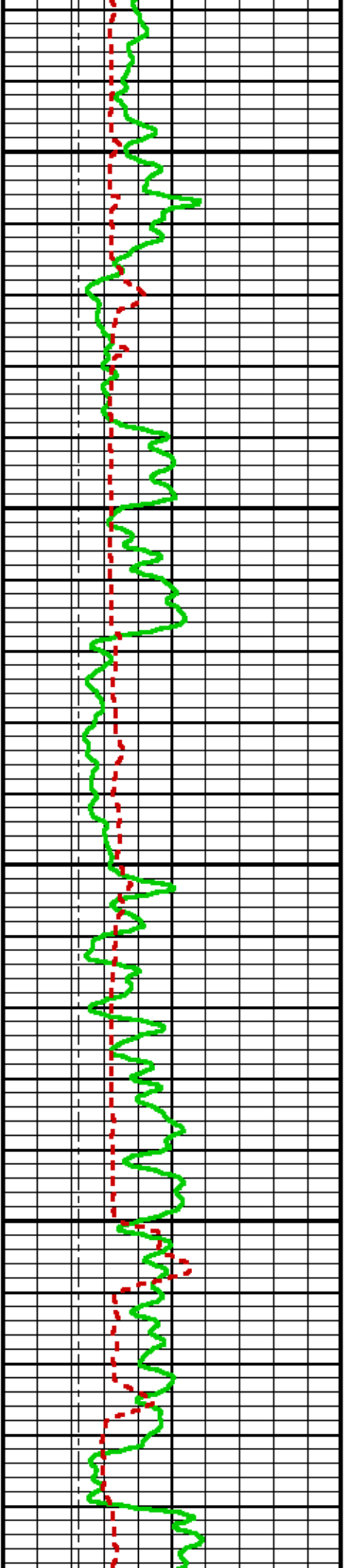
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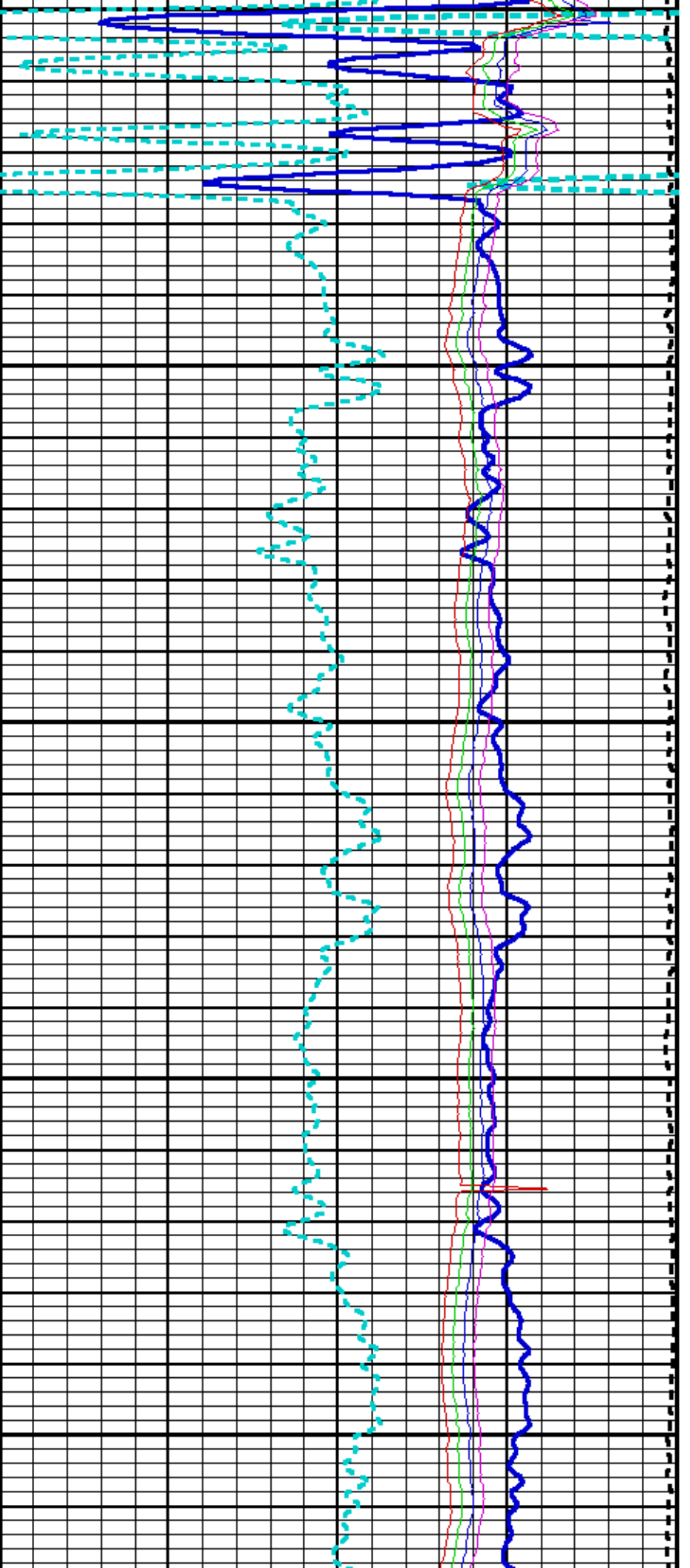




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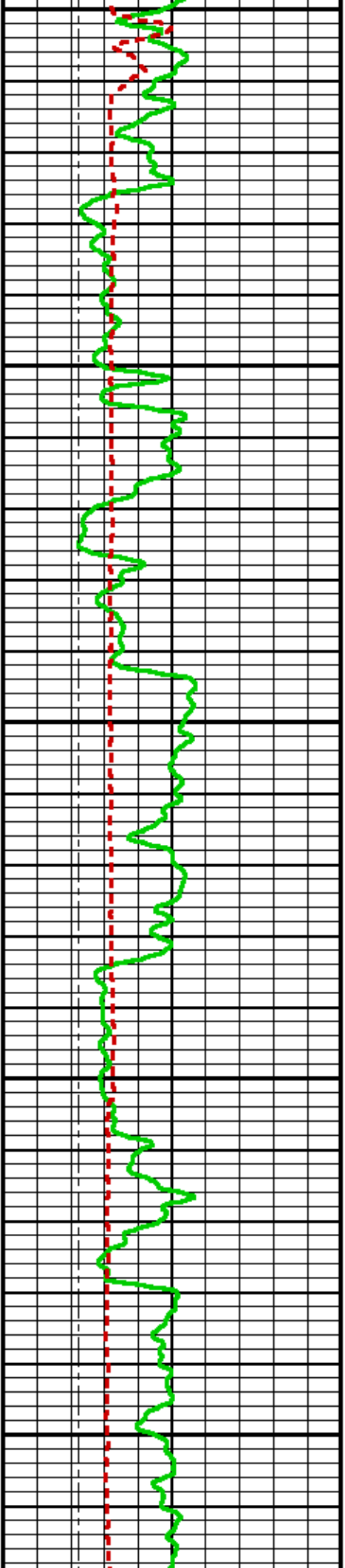
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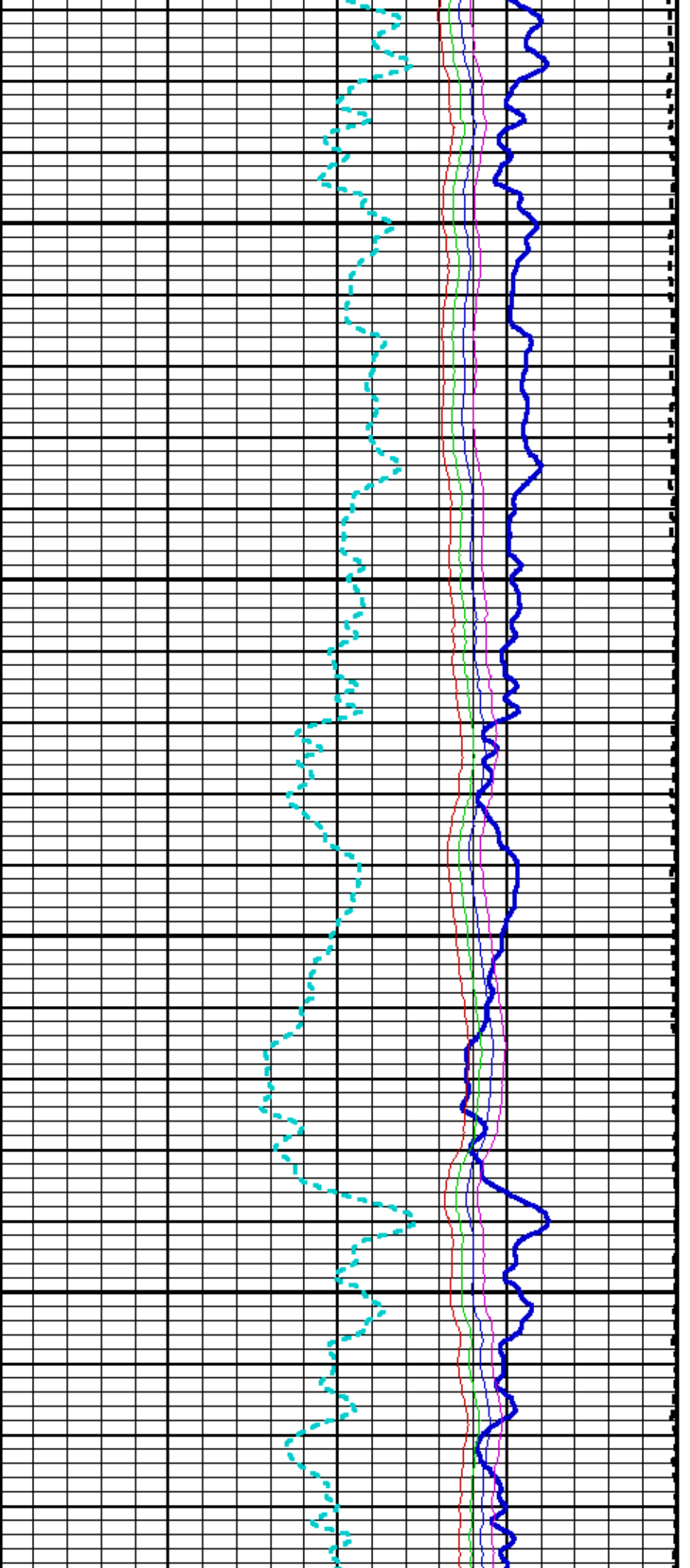




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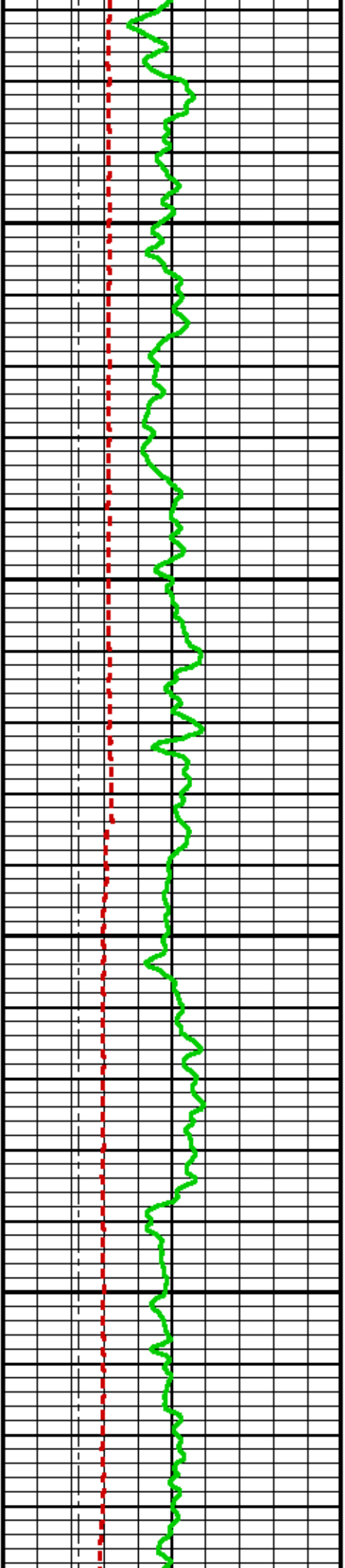
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7600

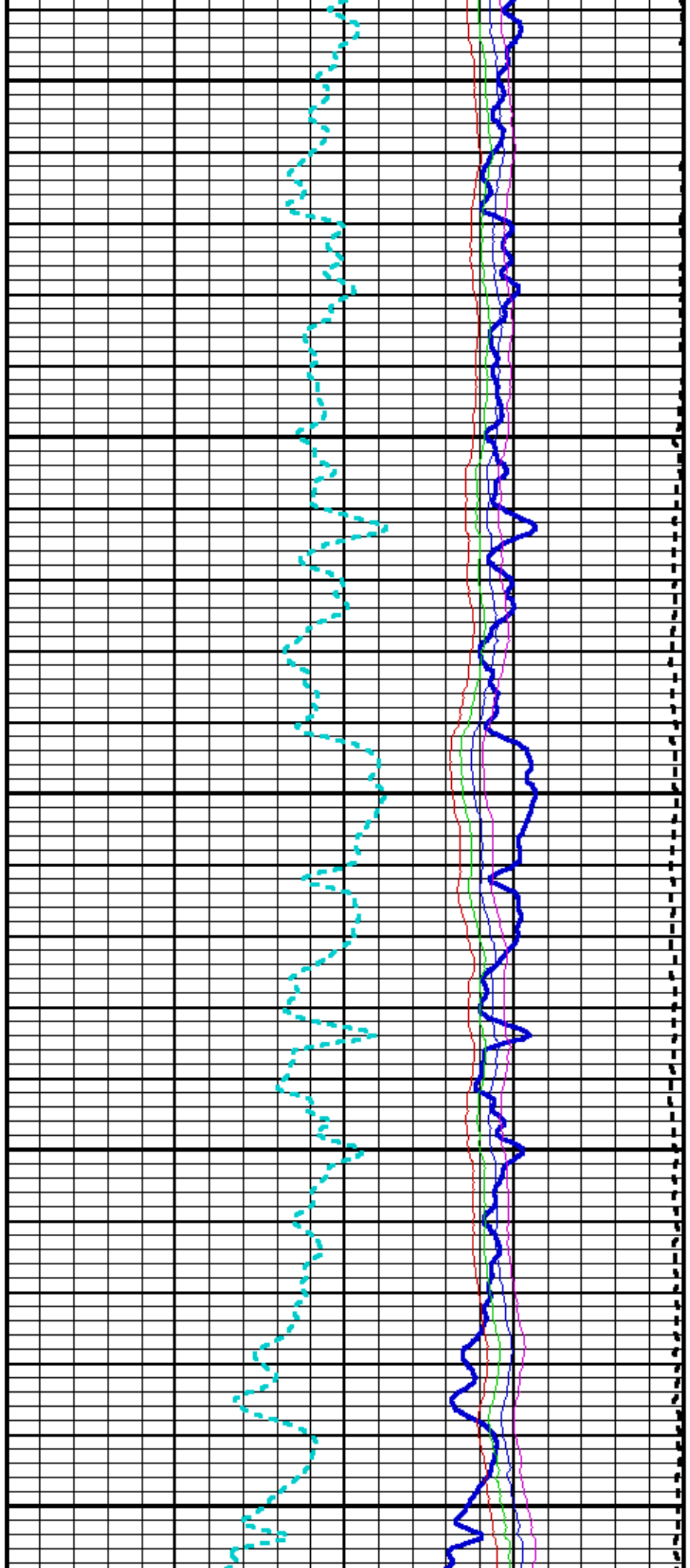
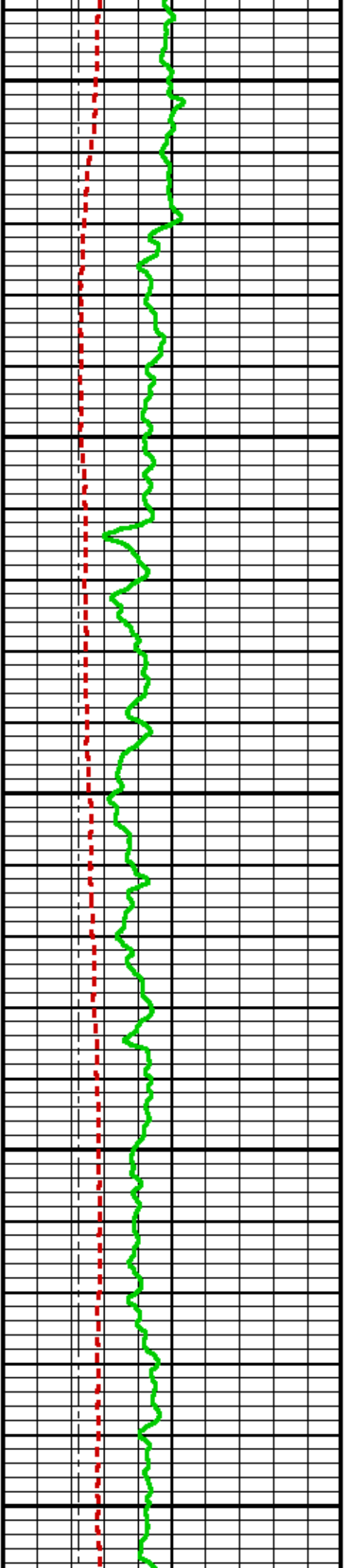
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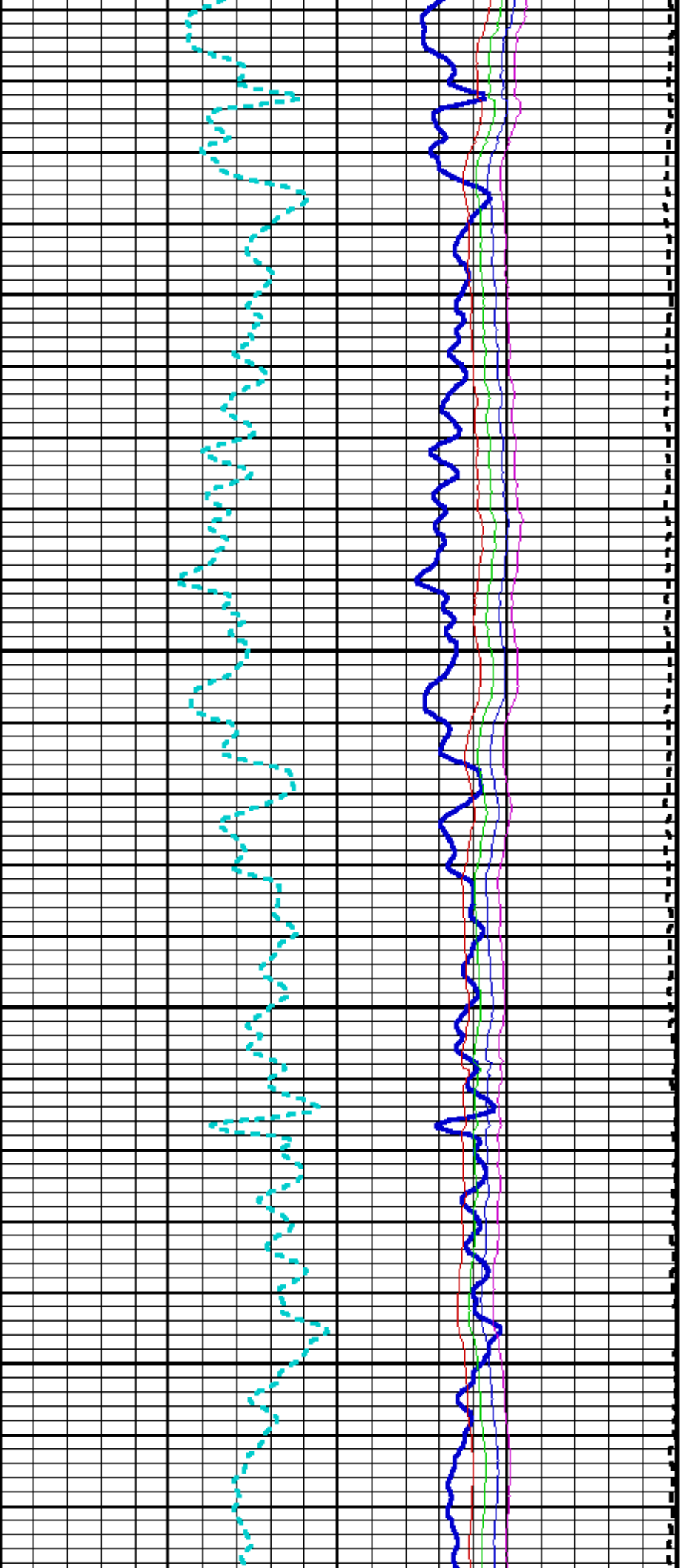


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7900

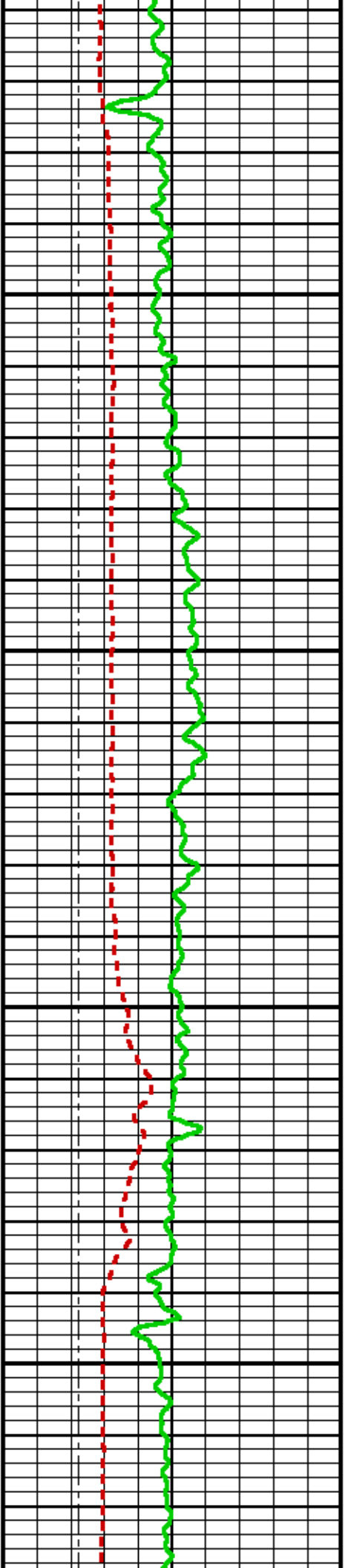
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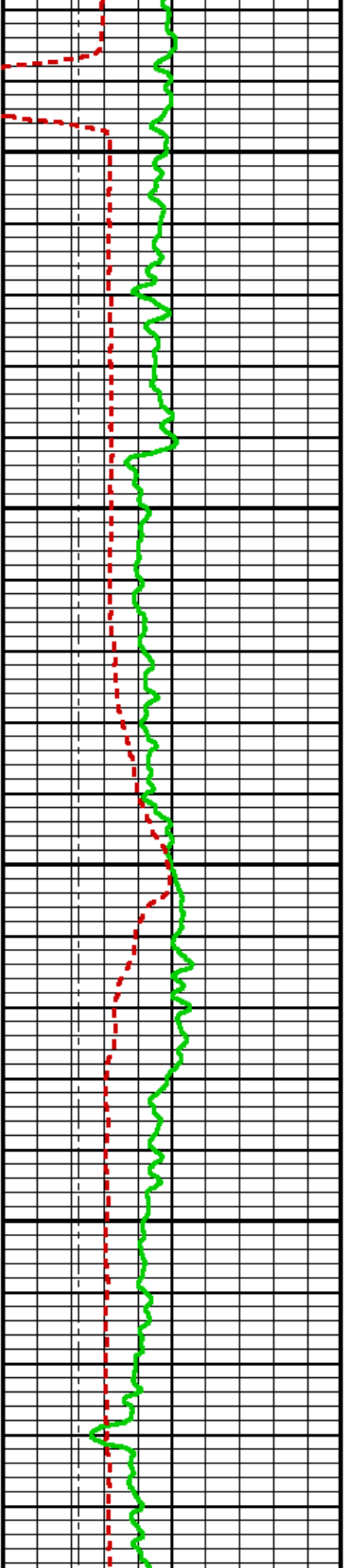




8100

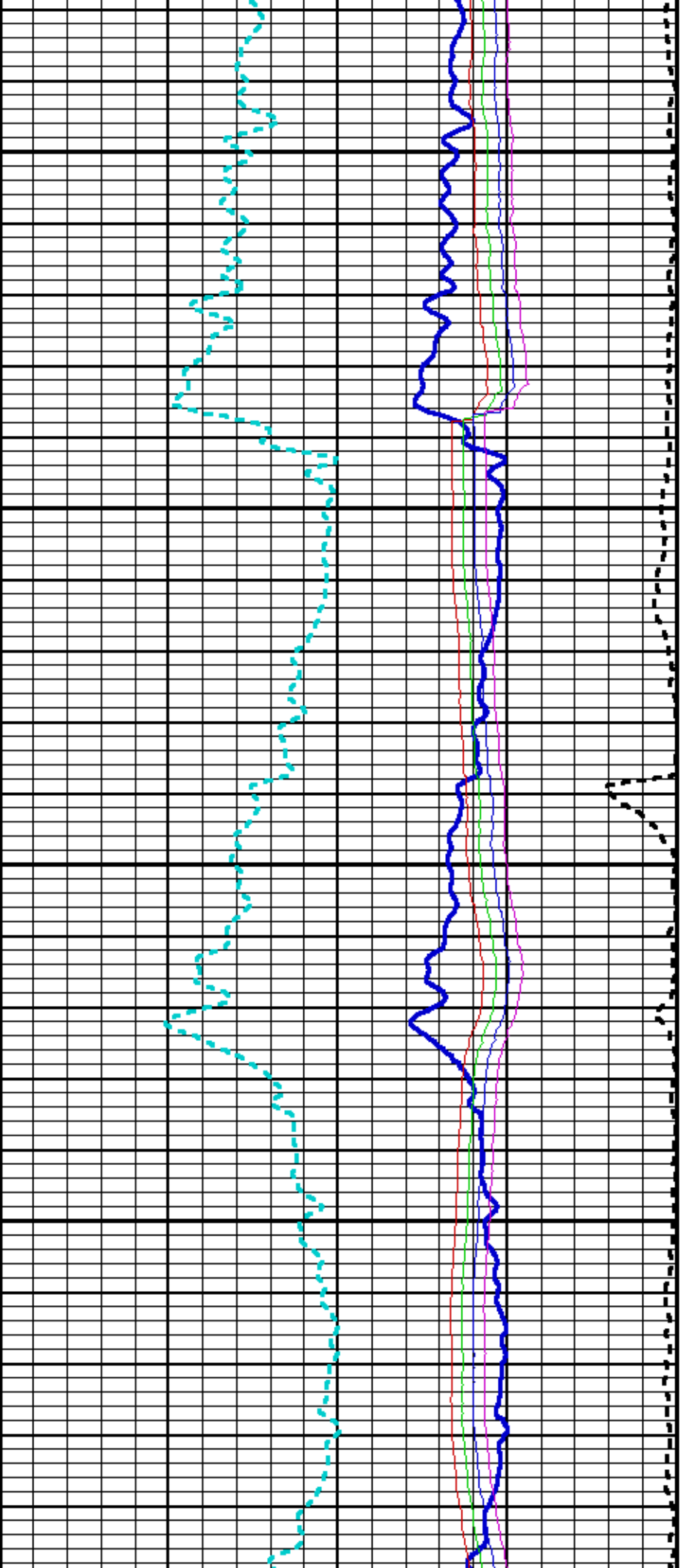
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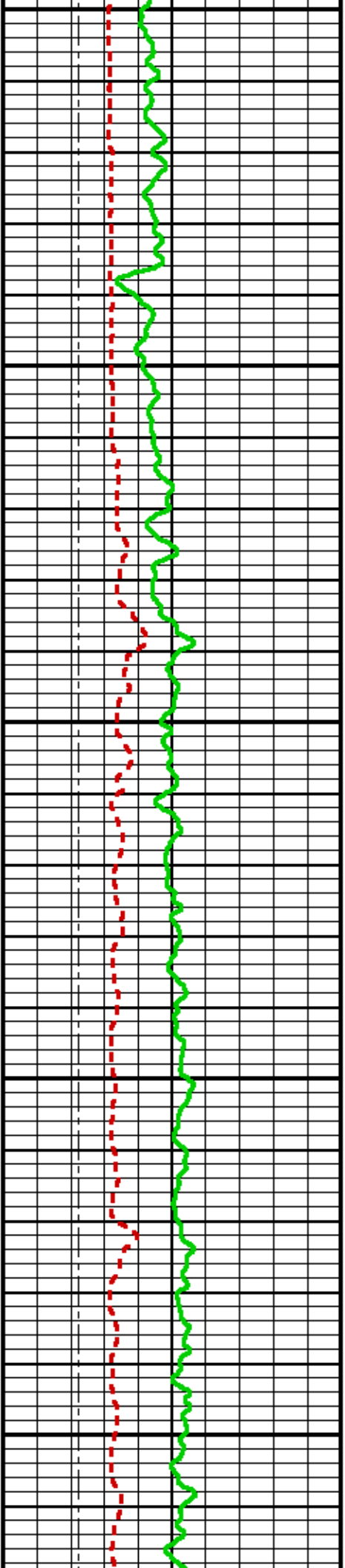




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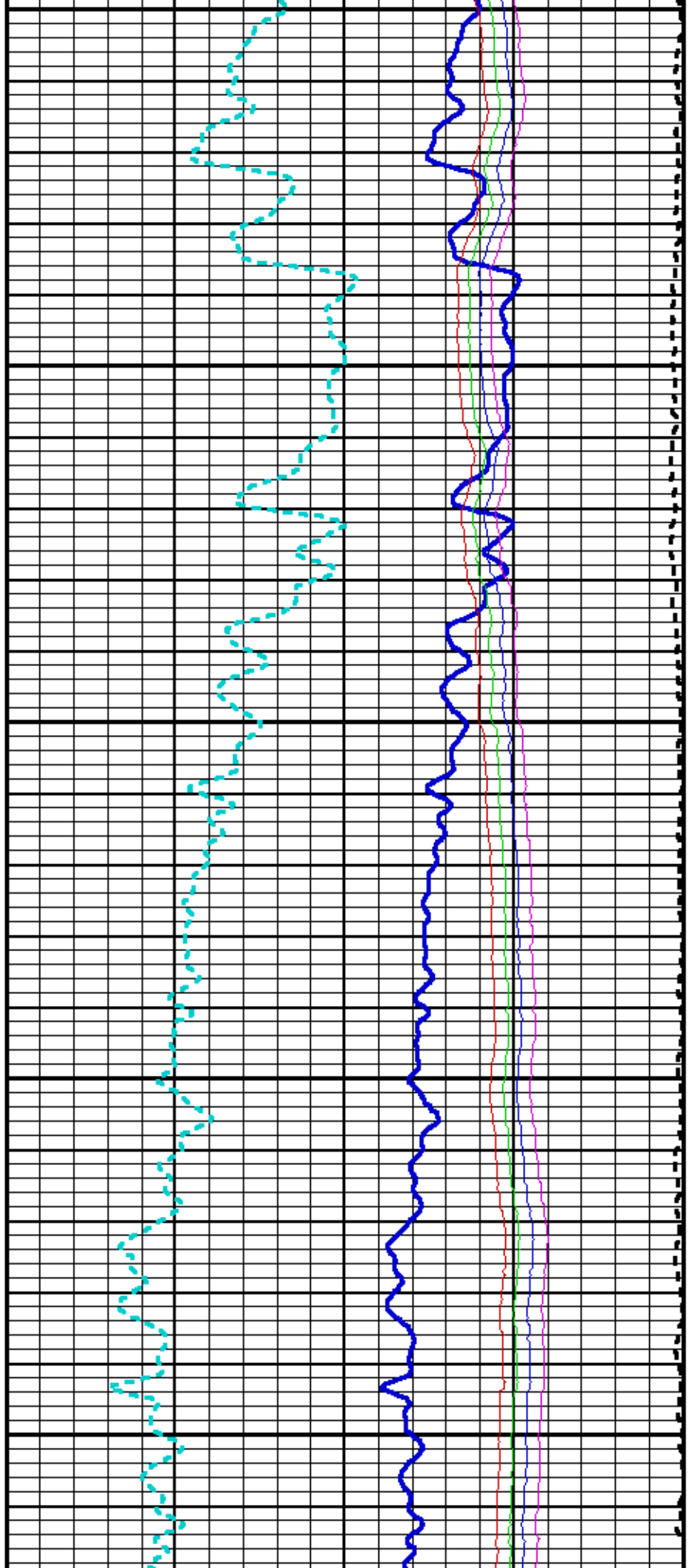
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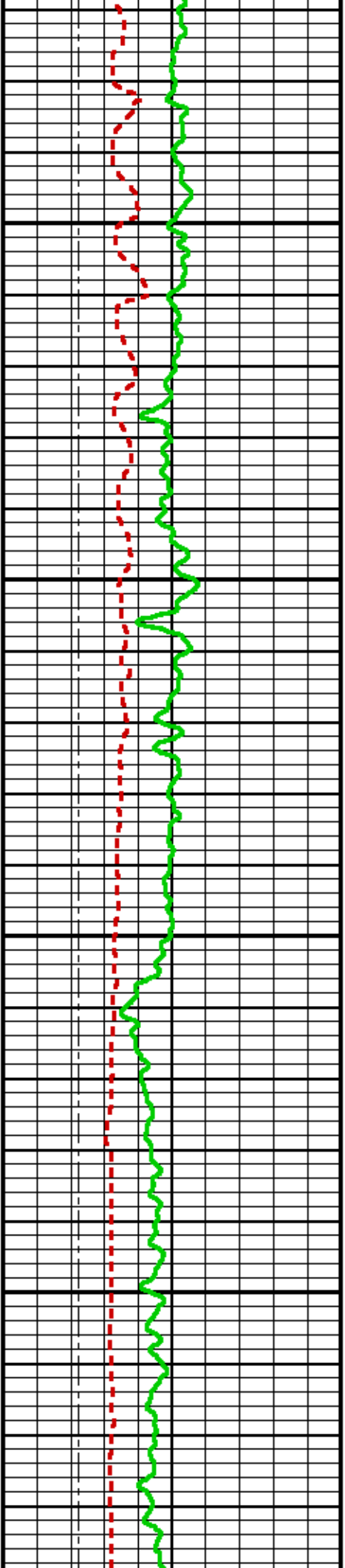




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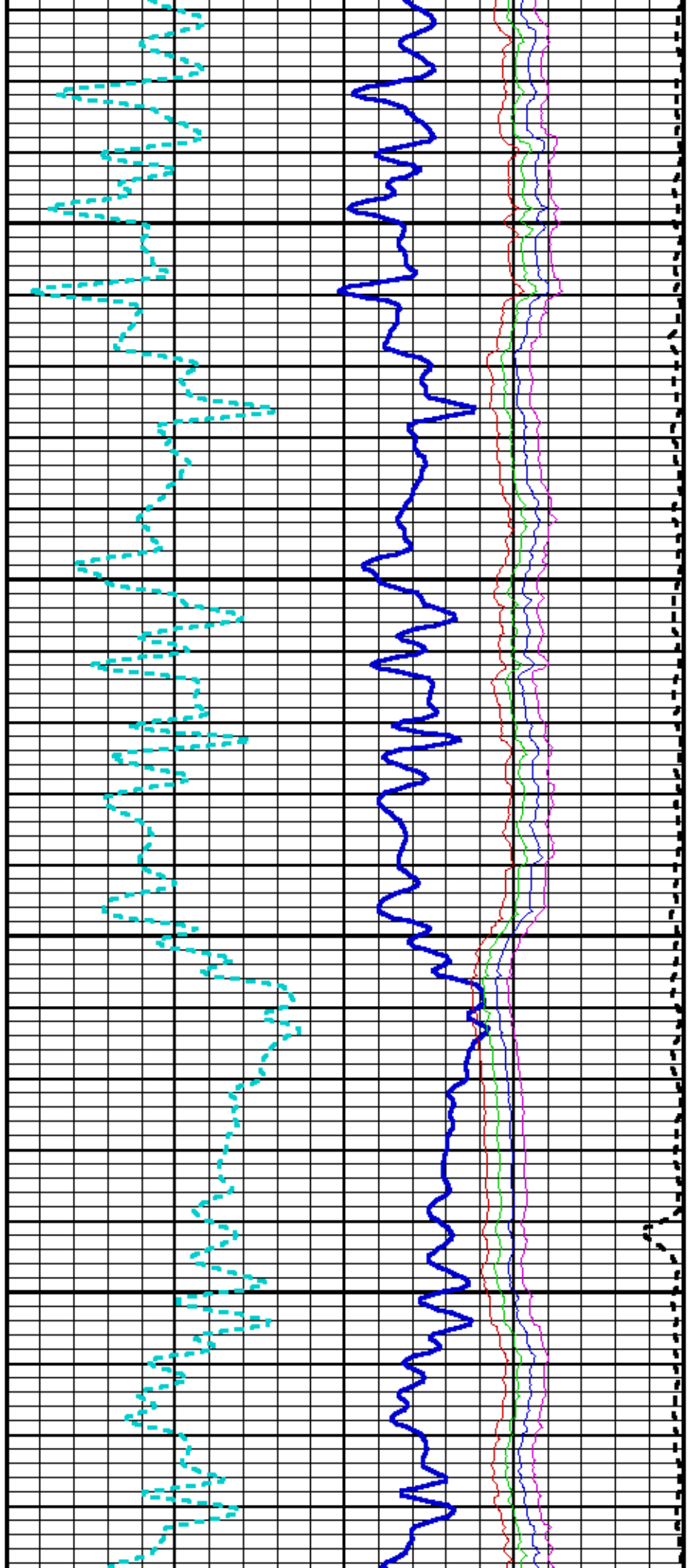
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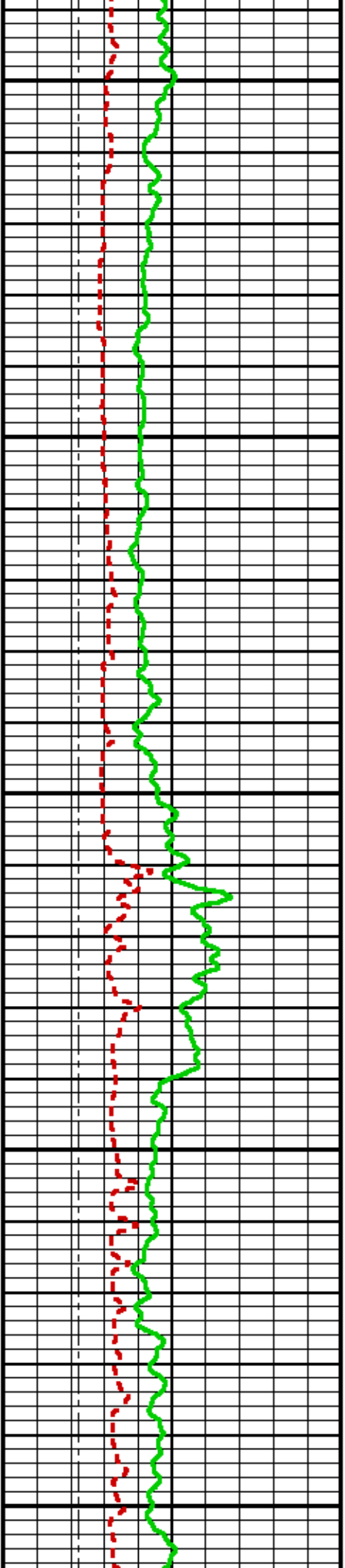




8700

8800

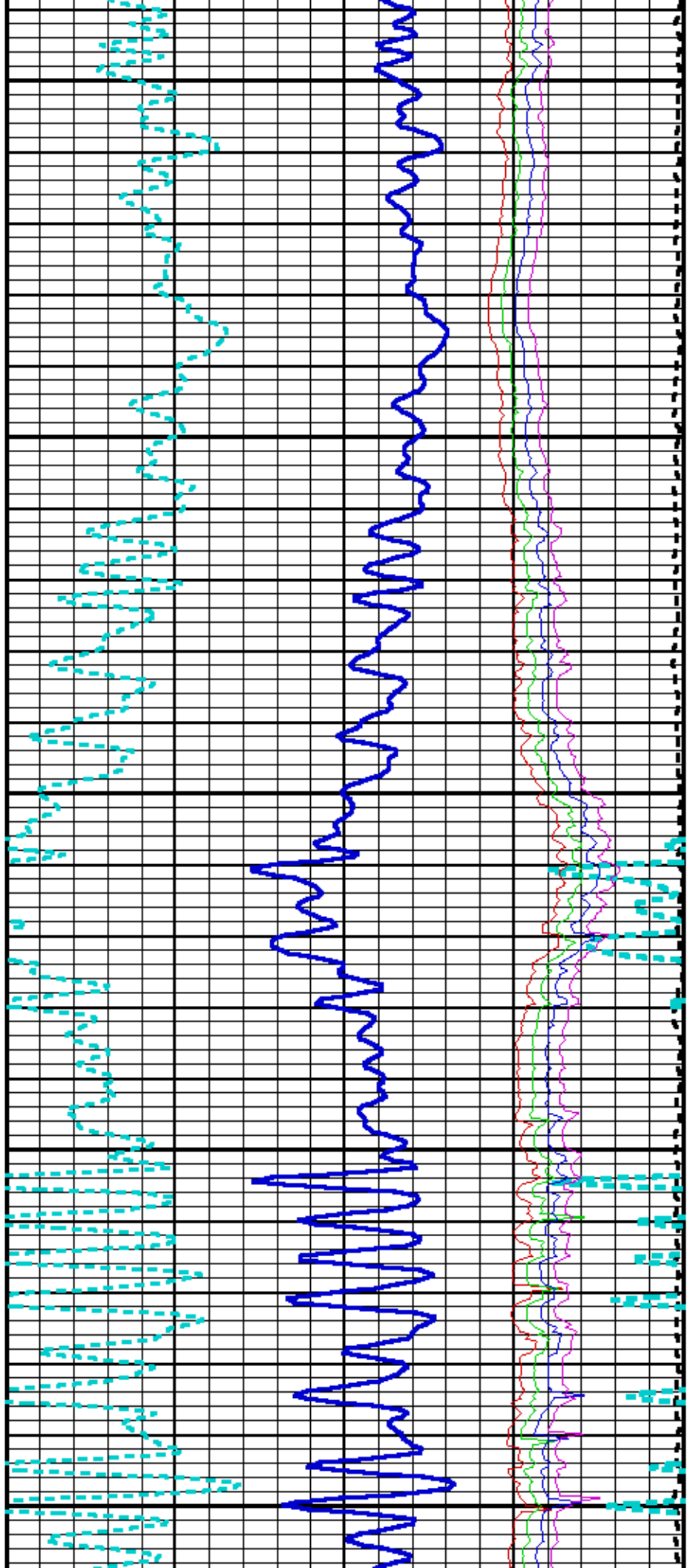


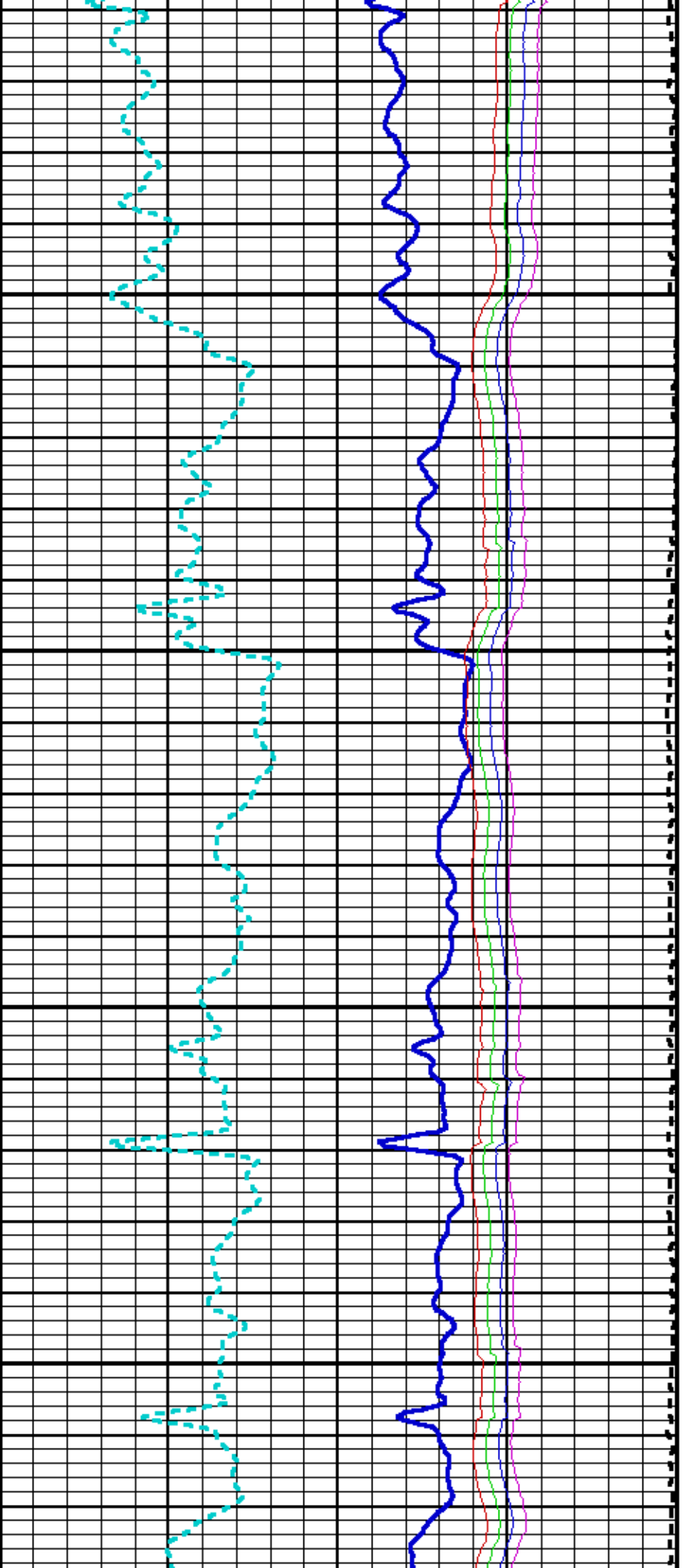


8900

9000

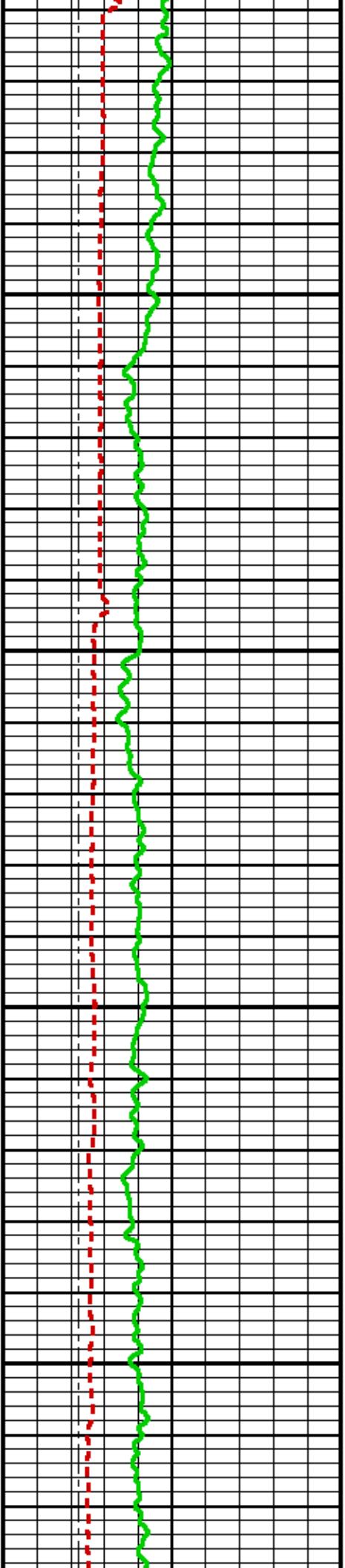
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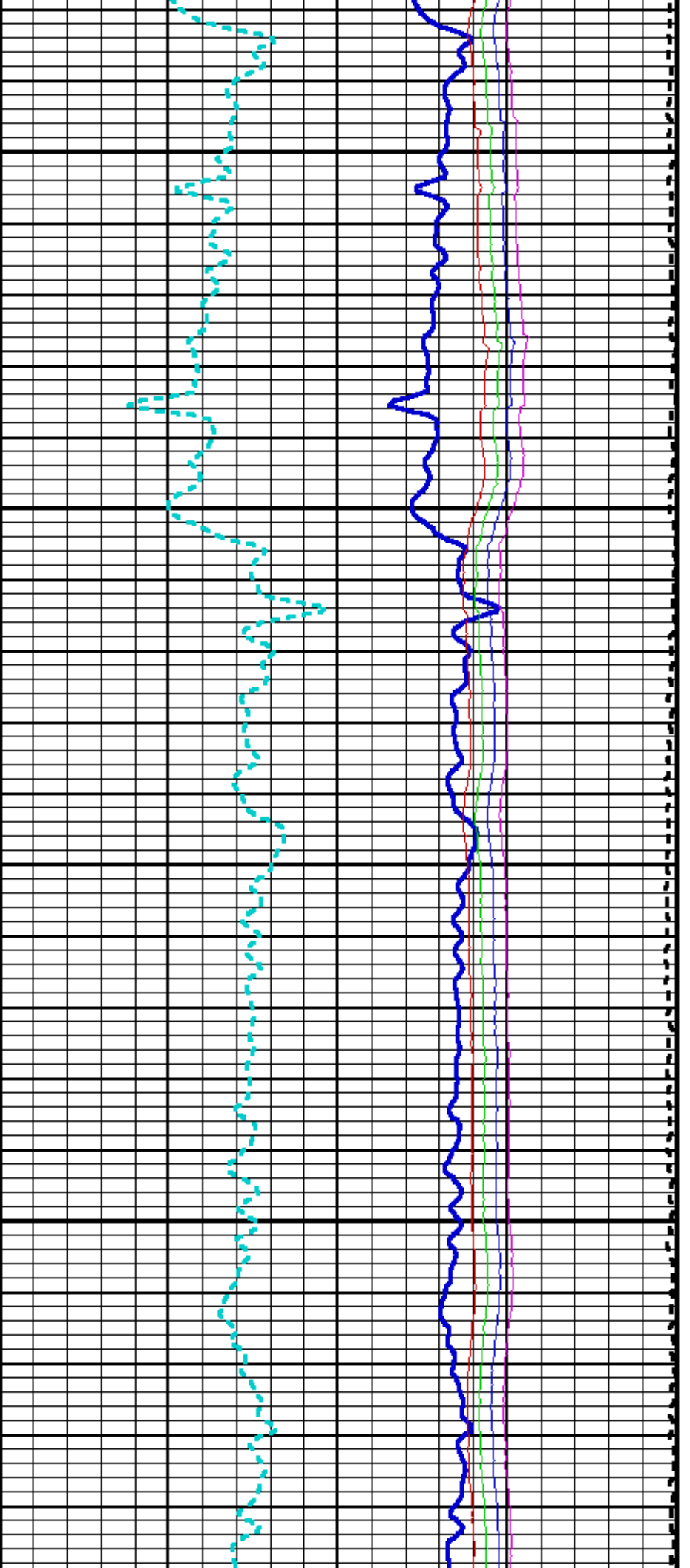




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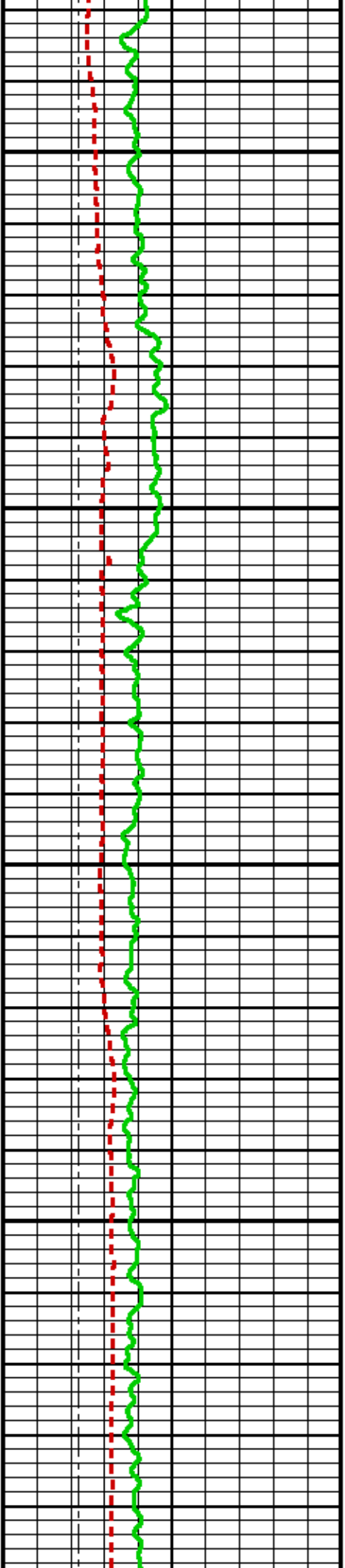
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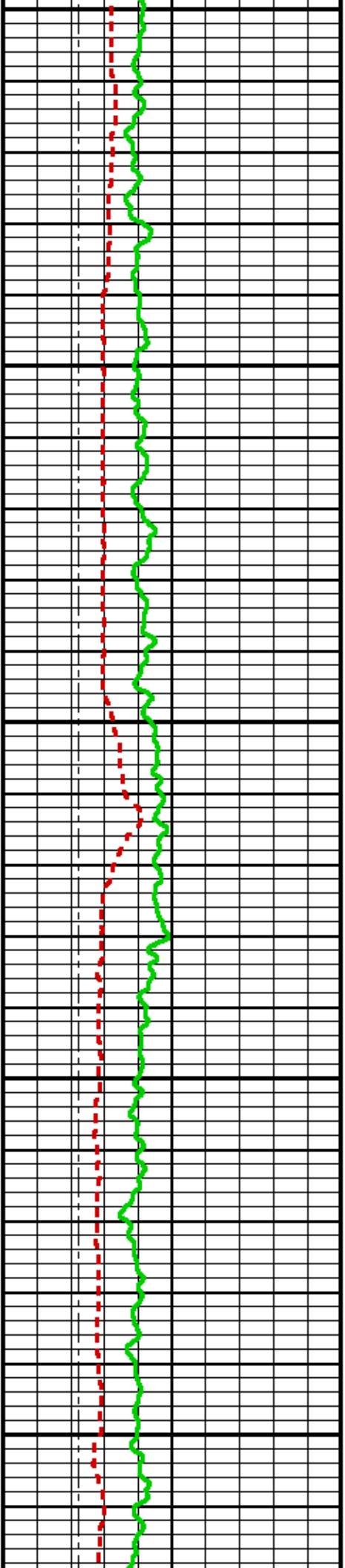




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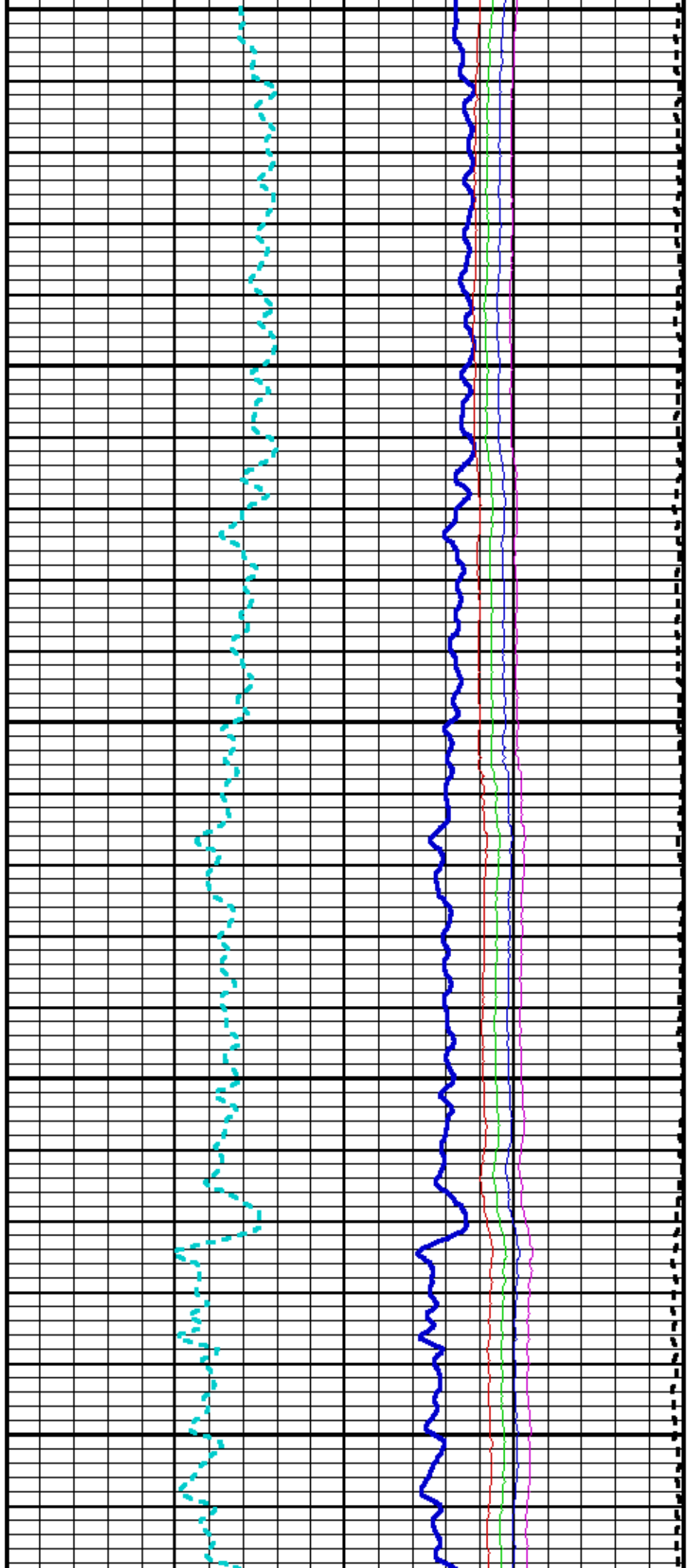
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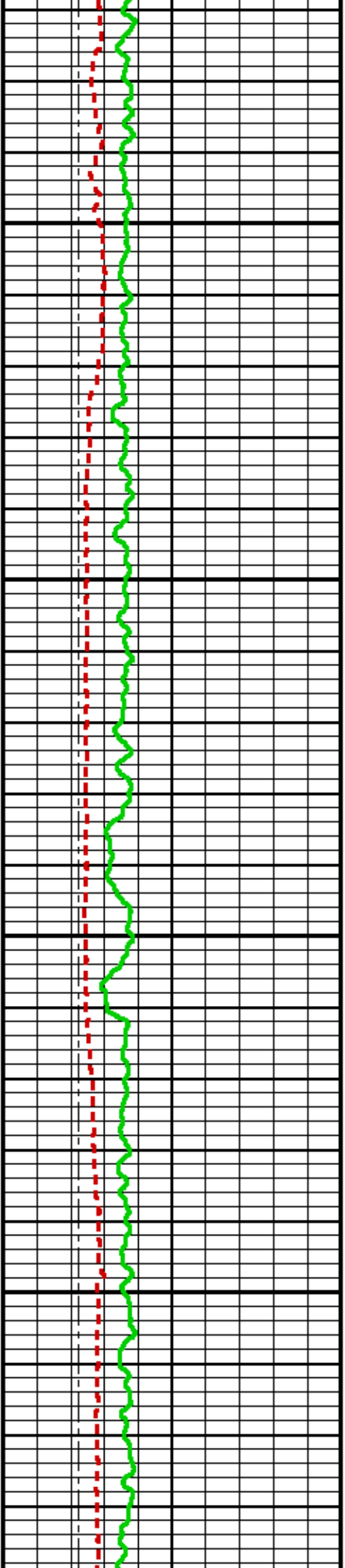




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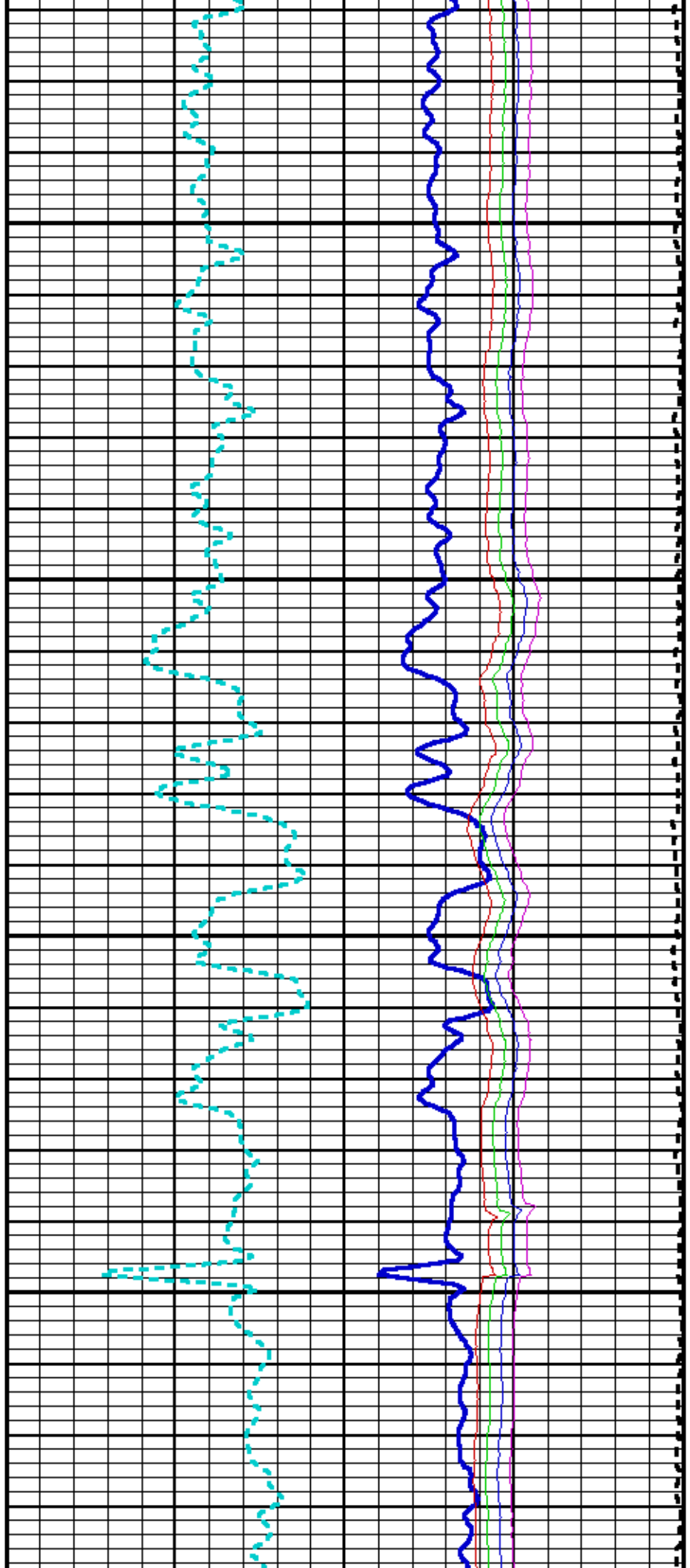
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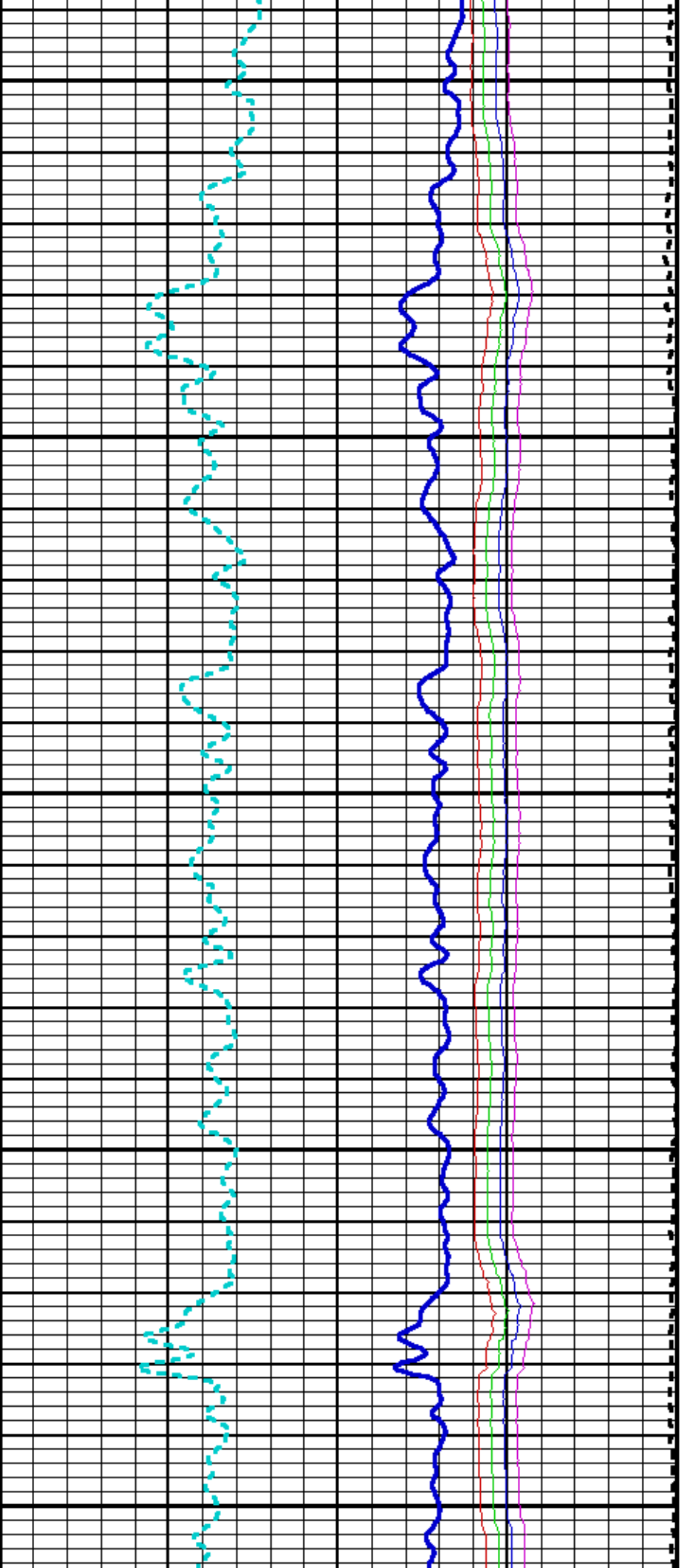




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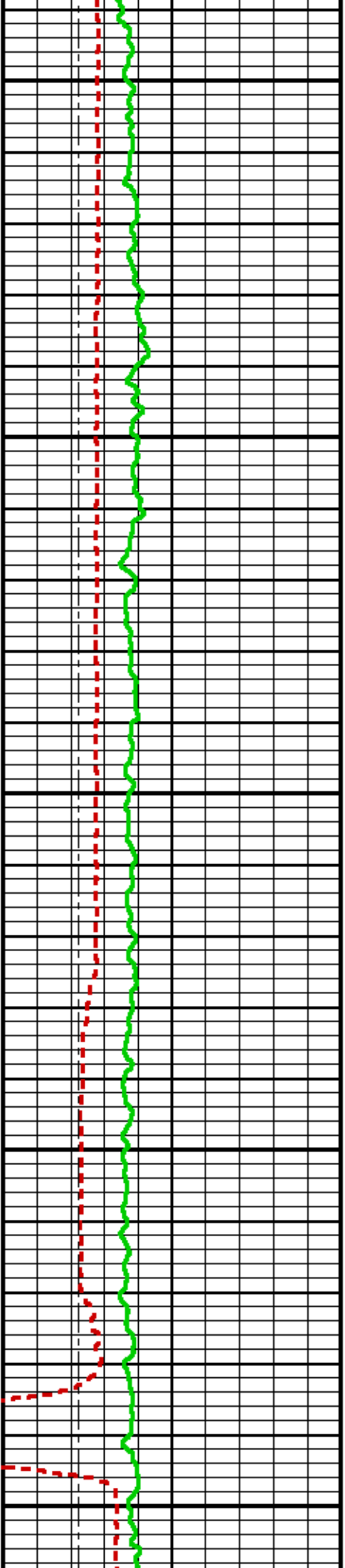


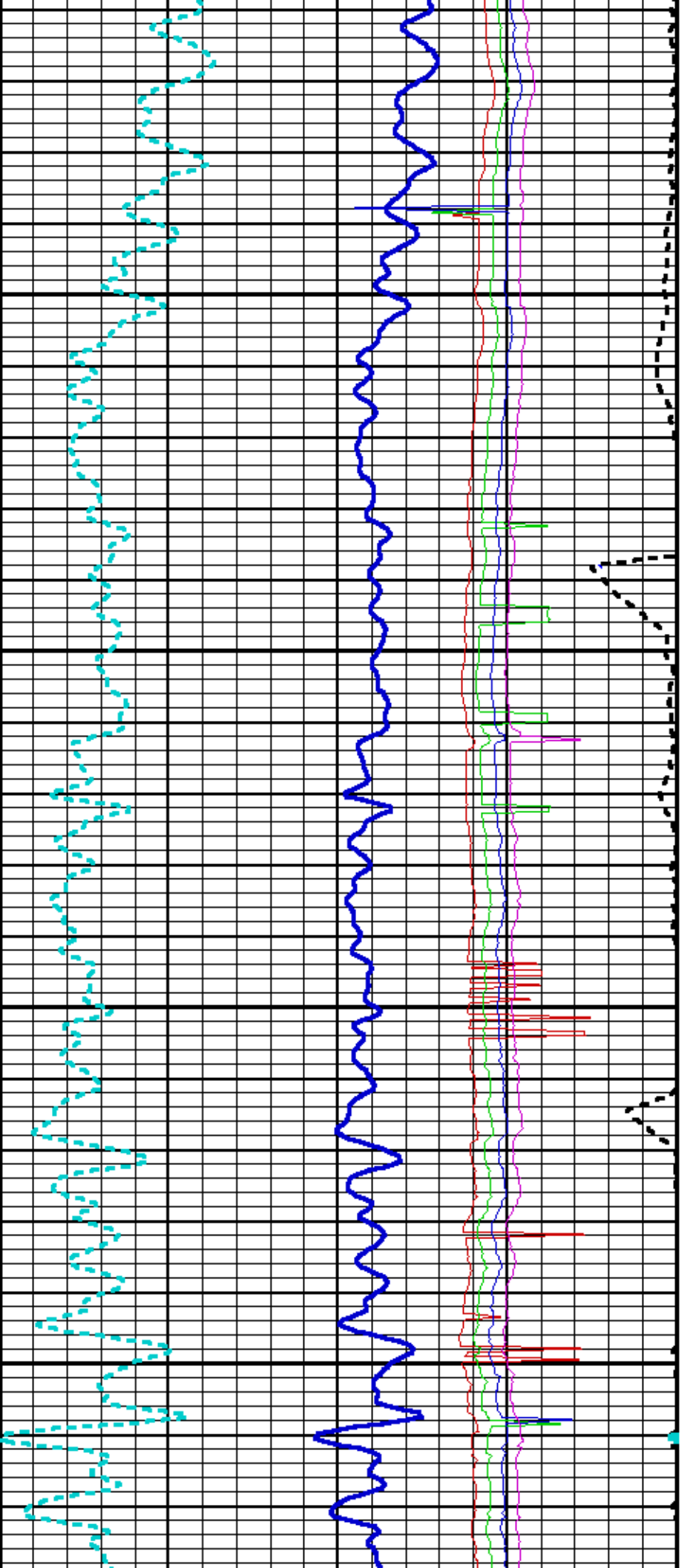


10000

10100

10200

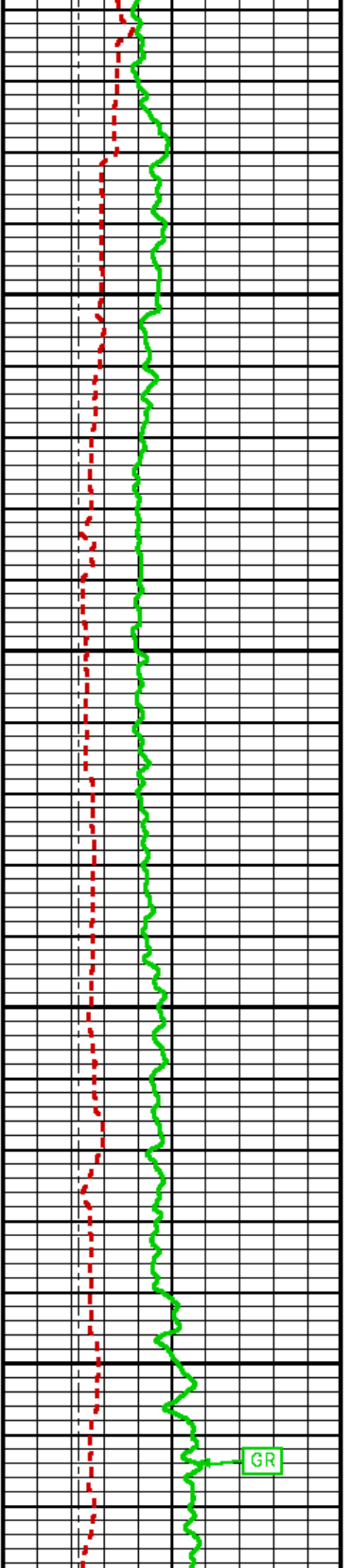


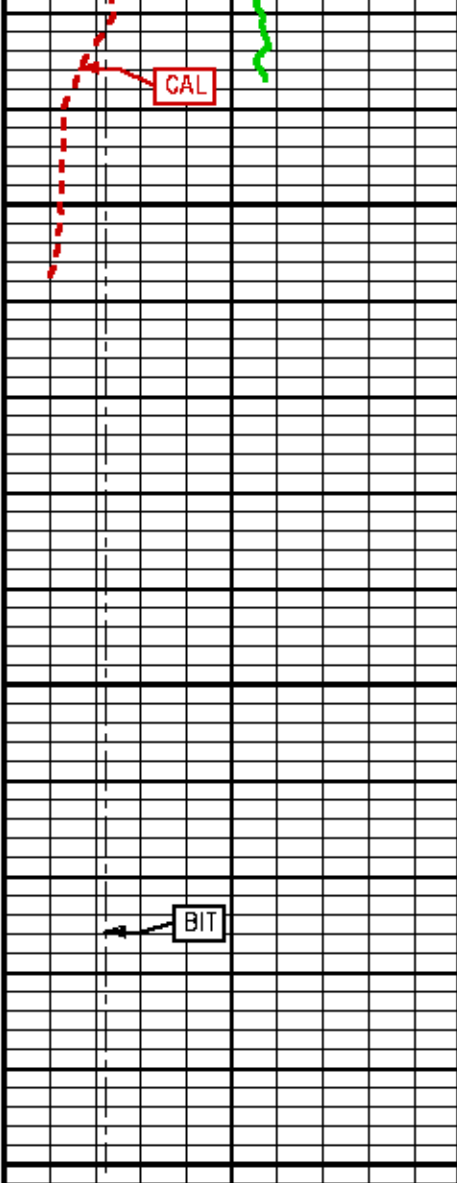


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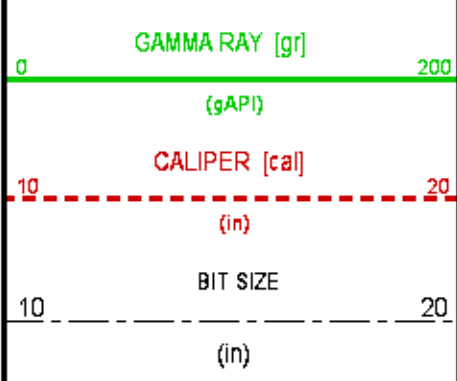
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GR



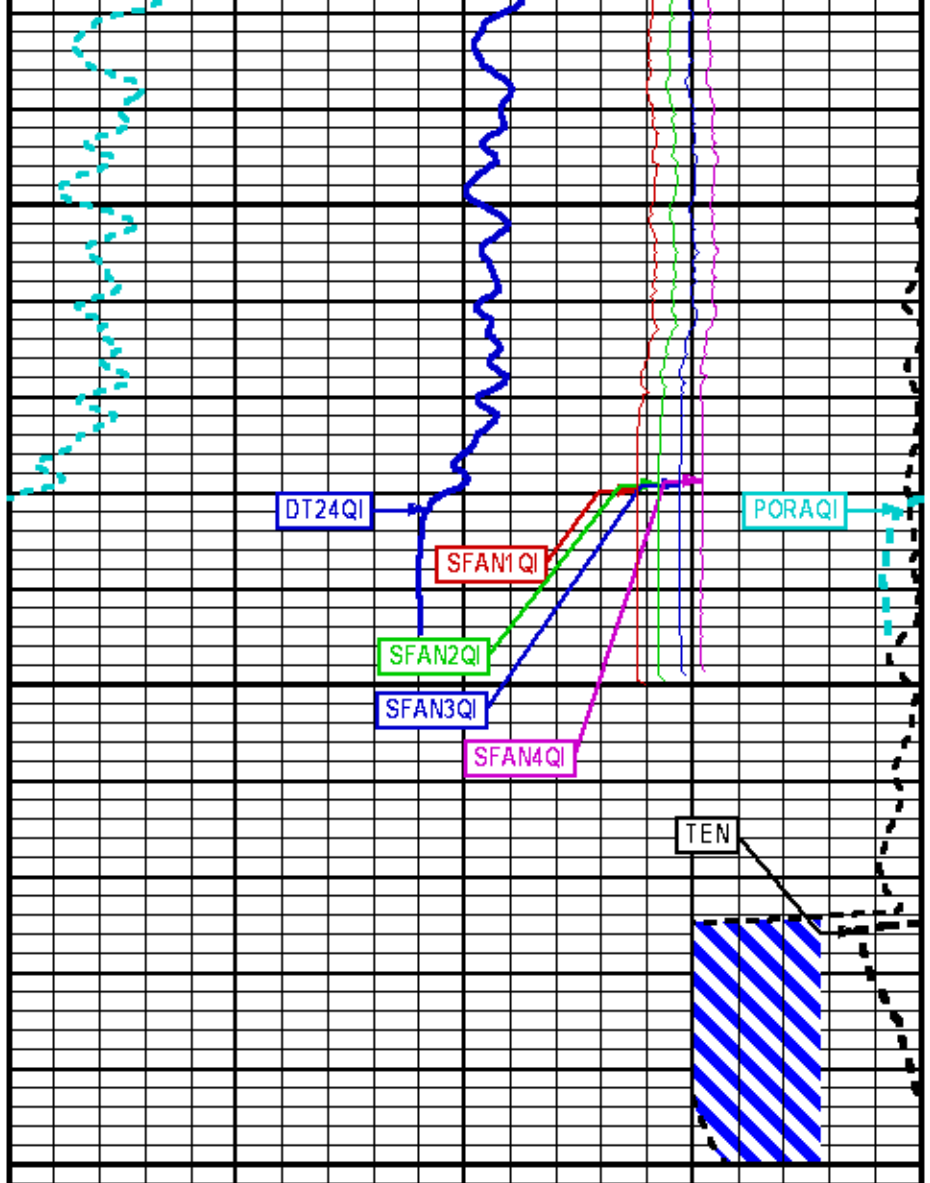


GR BACKUP

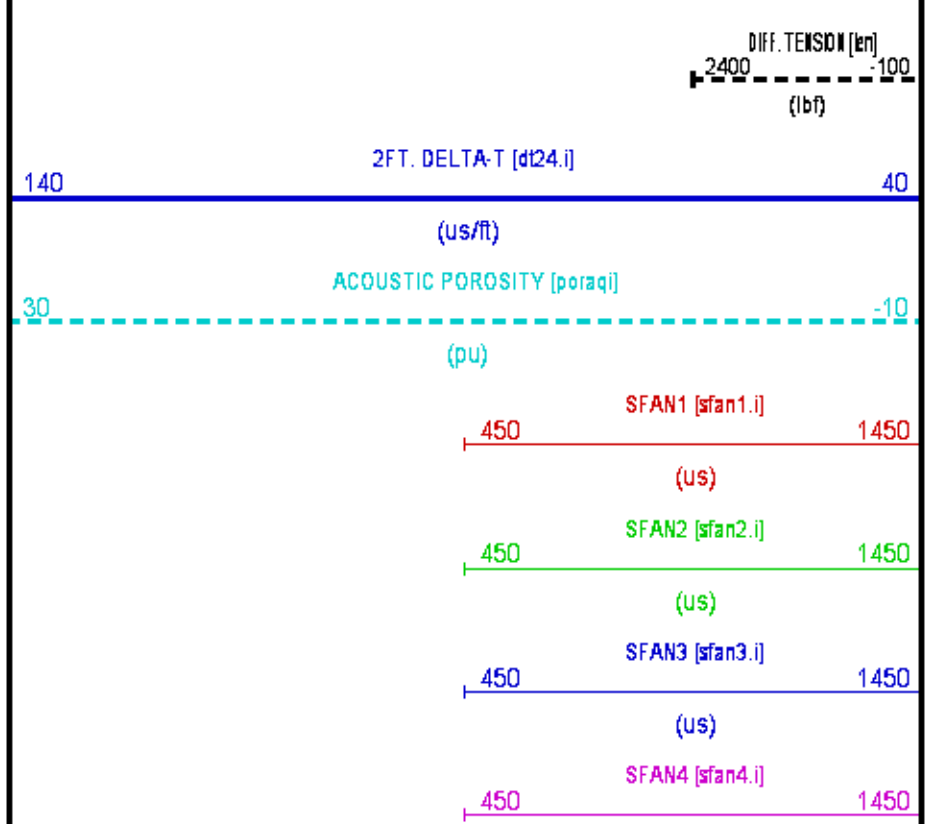


10500

FEET



TOOL STICKING



REPEAT LOG 5"/100FT SCALE

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

Patches: 3

Plotted: Sun Dec 8 17:03:20 2013

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/625272/n777v04.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 2835.571 ft BOTTOM DEPTH: 3252.138 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
Y AXIS CALIPER	FILTER Q	medium (1)		TOP	BOTTOM
TENSION	FILTER Q	medium (1)		"	"
CR	FILTER Q	medium (1)		"	"
CALIPER	FILTER Q	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
DT24	FILTER Q	light (2)		"	"

BOREHOLE & CEMENT

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

ACOUSTIC POROSITY

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
ACOUSTIC POROSITY	POROSITY TYPE	WYLLIE		TOP	BOTTOM
	DTmatrix	51.30	us/ft	"	"
	DTfluid	190.00	us/ft	"	"
	DTshale	100.00	us/ft	"	"
	MOD. WYLLIE PARM	2.25		"	"
	MOD. R-H-G PARM	2.00		"	"
DELTA T CURVE SELECTION	DT24 SOURCE	FIRST ARRIVAL DT24		"	"

ACOUSTIC PICK CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
DELTA-T REJECTION RANGE	REJECTION DTmin	40	us/ft	TOP	BOTTOM
	REJECTION DTmax	180	us/ft	"	"
FIRST ARRIVAL PICK	SEARCH START OFFSET (sfan1*)	126	us	"	"
	SEARCH START OFFSET (sfan2*)	126	us	"	"
	SEARCH START OFFSET (sfan3*)	126	us	"	"
	SEARCH START OFFSET (sfan4*)	126	us	"	"
	SEARCH WINDOW LENGTH	868	us	"	"
	THRESHOLD FACTOR	0.30		"	"
	THRESHOLD MINIMUM (sfan1*)	1.8	pct	"	"
	THRESHOLD MINIMUM (sfan2*)	1.8	pct	"	"
	THRESHOLD MINIMUM (sfan3*)	1.8	pct	"	"
	THRESHOLD MINIMUM (sfan4*)	1.8	pct	"	"
	E3 THRESHOLD	OFF		"	"

ACOUSTIC QUALITY CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CYCLE SKIP LIMIT	CYCLE SKIP LIMIT	100	us	TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	4000	Hz	"	"
	HIGH FREQ CUTOFF	20000	Hz	"	"

ACOUSTIC TCC CONTROL PARAMETERS

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GENERAL TCC PARAMETERS	AGC	ON		TOP	BOTTOM
	SUBCYCLE LENGTH	50		"	"
	SUBSET	1		"	"
GENERAL MONOPOLE TCC PARAMETERS	STACK LEVEL	2		"	"
	DSP FILTER	ON		"	"
DELTA T TCC PARAMETERS	ACG WINDOW	896	us	"	"
	MOVEOUT	16	us/ft	"	"
	SAMPLE PERIOD	16		"	"
	RX DELAY	400	us	"	"

CURVE DESCRIPTION REPORT

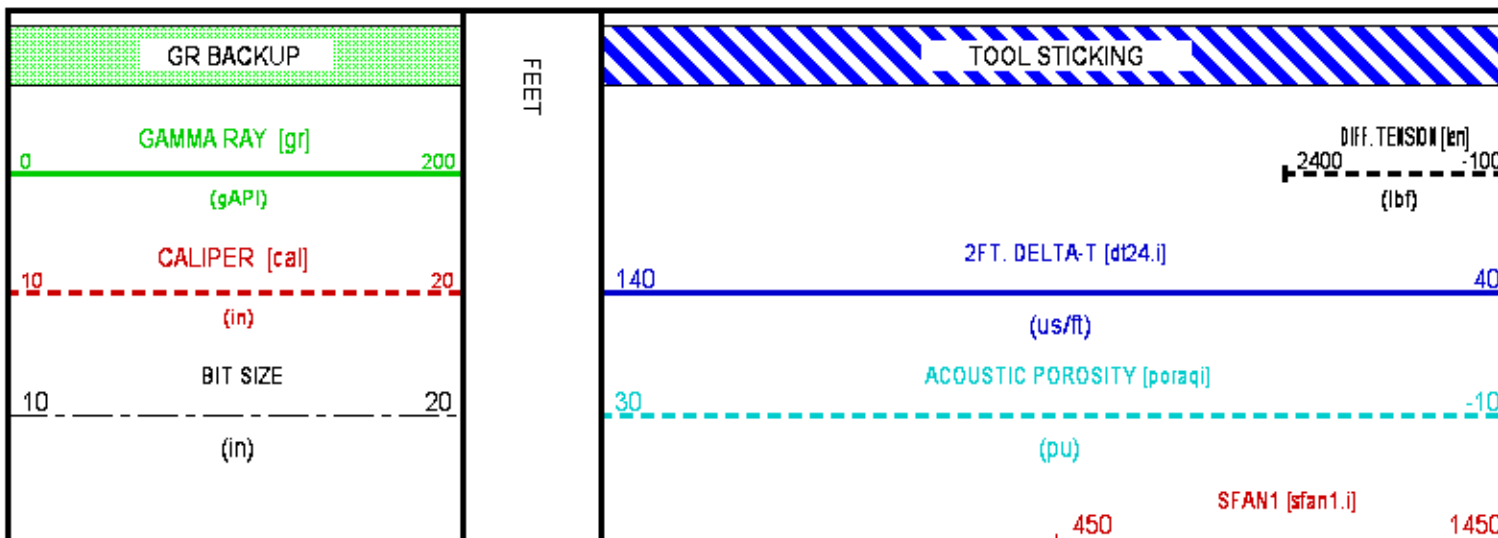
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Dec 8 16:26:05 2013	BIT SIZE
F1:CAL	Dec 8 16:26:05 2013	CALIPER
F1:DT24QI	Dec 8 16:26:05 2013	SLOWNESS OVER 24-INCH INTERVAL
F1:GR	Dec 8 16:26:05 2013	GAMMA RAY
F1:PORAQI	Dec 8 16:26:05 2013	ACOUSTIC POROSITY
F1:SFAN1QI	Dec 8 16:26:05 2013	SURFACE PICK 1ST ARRIVAL TIME, T2R1
F1:SFAN2QI	Dec 8 16:26:05 2013	SURFACE PICK 1ST ARRIVAL TIME, T2R2
F1:SFAN3QI	Dec 8 16:26:05 2013	SURFACE PICK 1ST ARRIVAL TIME, T2R3
F1:SFAN4QI	Dec 8 16:26:05 2013	SURFACE PICK 1ST ARRIVAL TIME, T2R4
F1:TEN	Dec 8 16:26:05 2013	DIFFERENTIAL TENSION

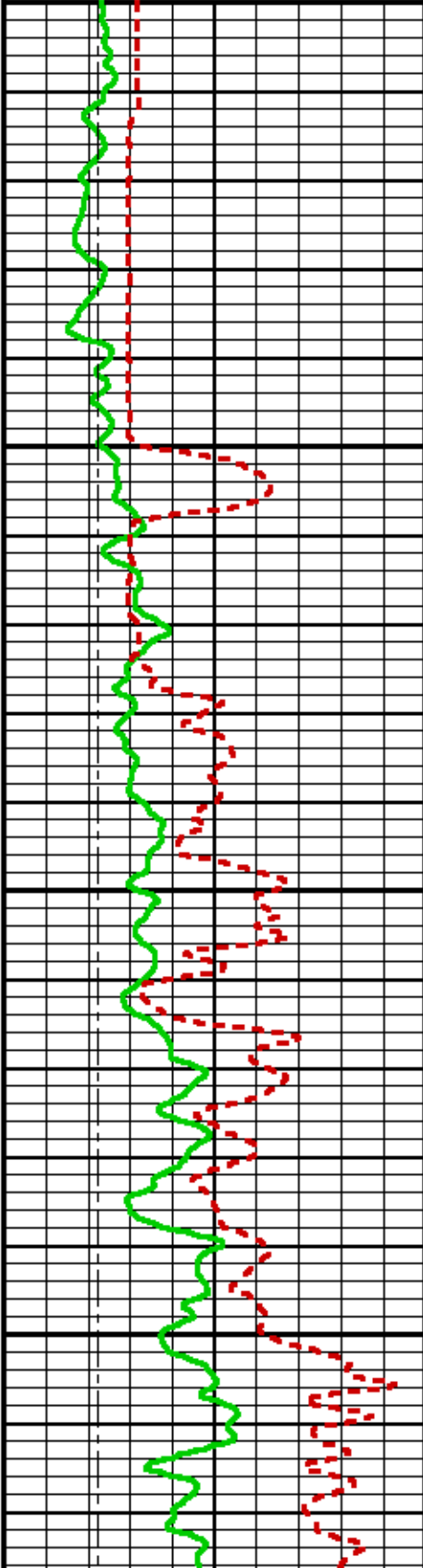
CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	GR	111.75	SFAN2QI	46.50	TEN	0.00
CAL	90.00	PORAQI	44.00	SFAN3QI	46.50		
DT24QI	44.00	SFAN1QI	46.00	SFAN4QI	47.00		

Presentation : HL6670:/dat1a/625272/OMAC-REPEAT.fvpdf [5"/100' Scale]
Plot Interval : 2900 - 3150 Feet

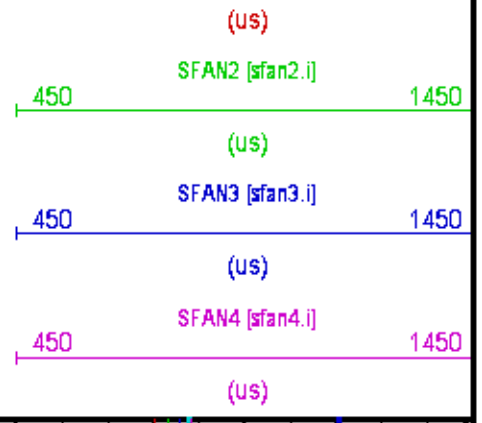
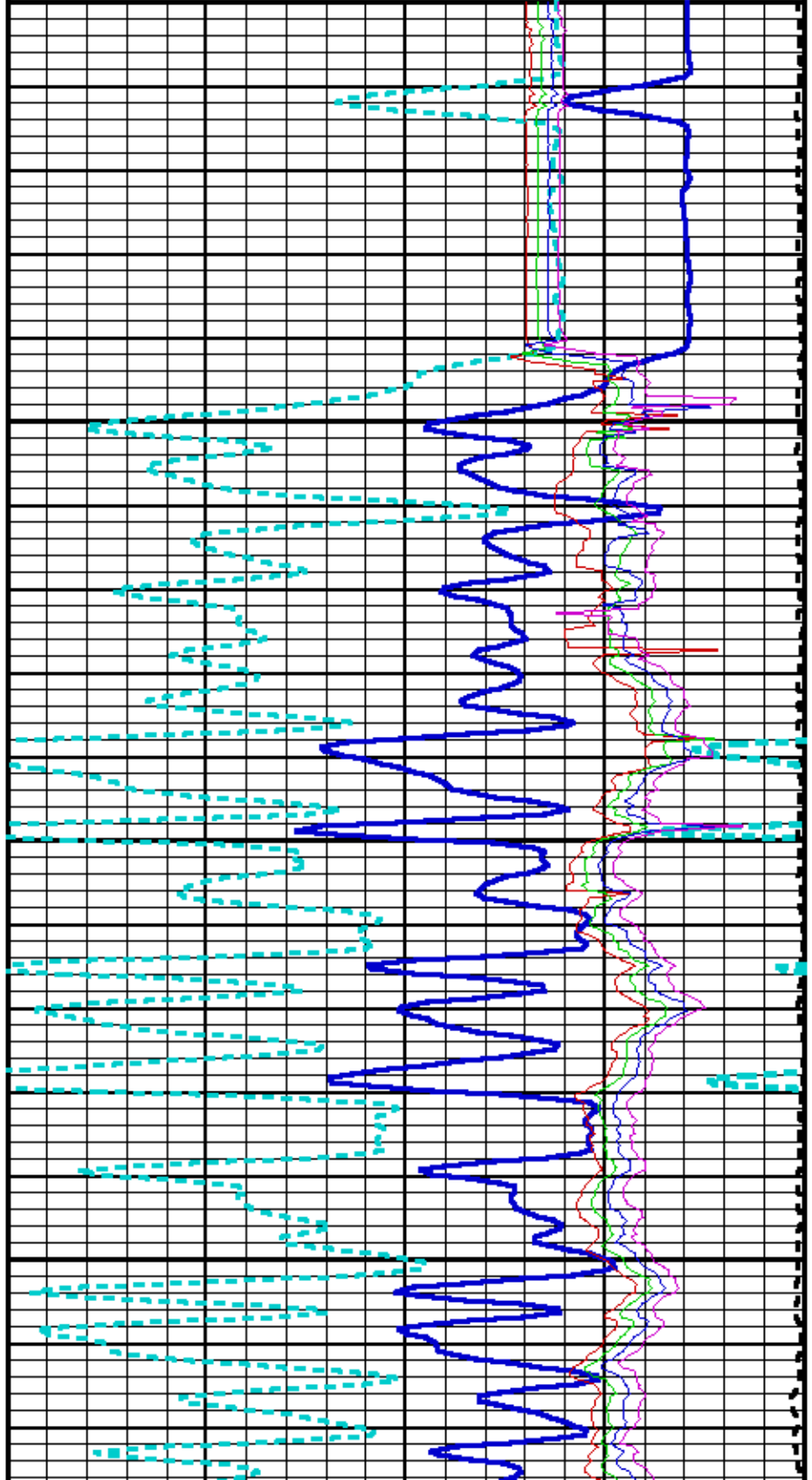
Data File 1 : F1 : HL6670:/dat1a/625272/n777v04-REPEAT2.xdf
Created On : Dec 8 16:26:05 2013
Company : WPX ENERGY INC
Well : PUCKETT GM 701-28-HN1
Field : RULISON
File Interval : 2728.25 - 3268.25 Feet
OCT : n777v

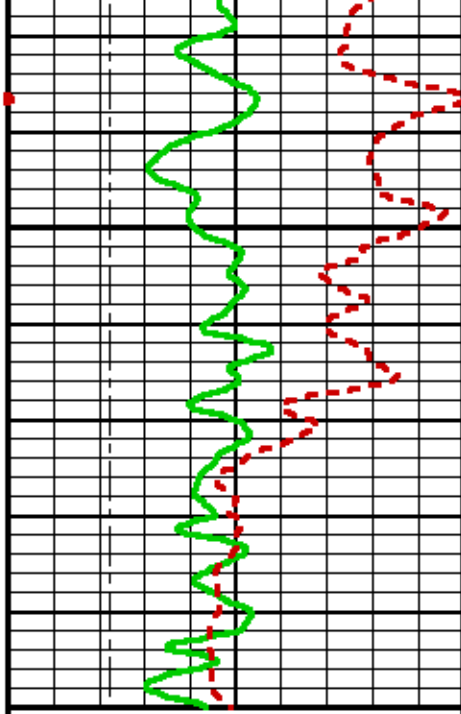




2900

3000

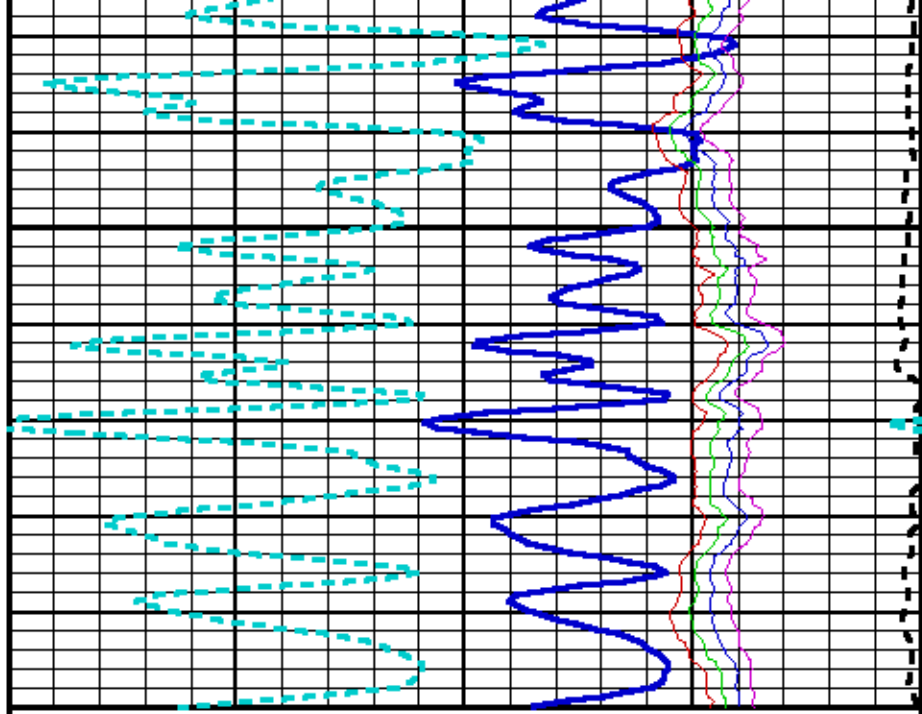
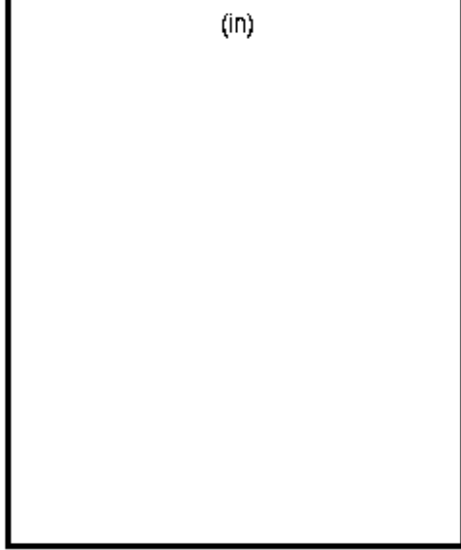
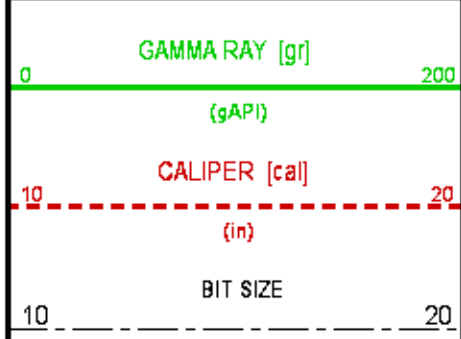




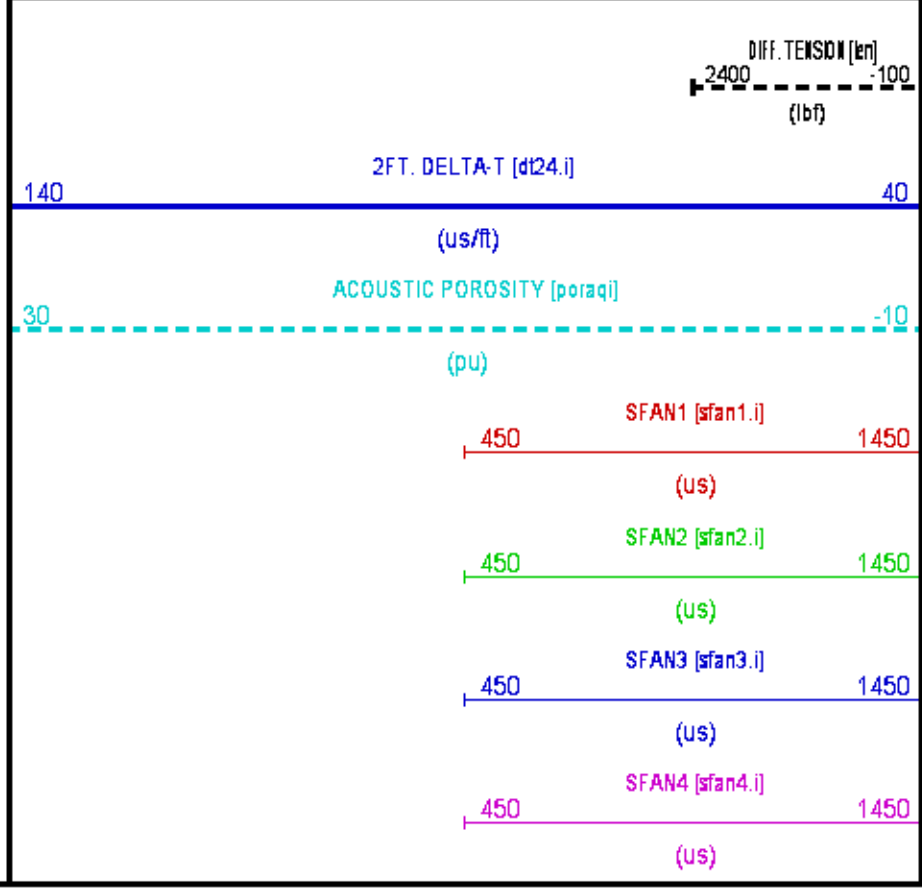
3100

FEET

GR BACKUP



TOOL STICKING



CALIBRATION / VERIFICATION SUMMARY

Source File: /mat1a/625272/n777v1.tp1

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1329XA 10196895 DATE/TIME PERFORMED: Mon Dec 2 07:30:46 2013
 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	338.13	1194.16	856.0	0.175	59.25	209.25	150

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1329XA 10196895 DATE/TIME PERFORMED: Mon Dec 2 07:50:33 2013
 UNIT #: 3880TA HL6670 VERI JIG #: 4702NK VBA-905

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	340.51	1190.40	0.175	59.67	208.59	148.93
						140.00 100.00

GR BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10196895 DATE/TIME PERFORMED: Sun Dec 8 07:56:08 2013 DAYS SINCE CAL: 6
 UNIT #: 3880TA HL6670 VERI JIG #: 4702NK VBA-905

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	218.38	1113.73	0.175	38.27	195.16	156.89
						130.00 100.00

GR AFTER LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10196895 DATE/TIME PERFORMED: Sun Dec 8 17:16:34 2013 DAYS SINCE CAL: 6
 UNIT #: 3880TA HL6670 VERI JIG #: 4702NK VBA-905

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	177.51	1037.87	0.175	31.11	181.86	150.76
						140.00 100.00

XMACE_OR PRIMARY CALIBRATION SUMMARY

TOOL #: 1678MC 10084081 DATE/TIME PERFORMED: Mon Dec 2 10:58:46 2013
 UNIT #: 3880TA HL6670 ORIENTATION #: 4401XB 186393

	DEV (deg)	QA (mG)	MEAS RB (deg)	RB OFFSET (deg)	ROTATED RB (deg)
ORIT TBM CHECK	90.0	1001.3	358.6		
		900.0 1010.0	357.5 2.5		
XMACE-F1 ORIENT			342.1	342.1	0.0

INSTRUMENT CONFIGURATION

Source File: /data/625272/m777v--tdg

CABLEHEAD 3 3/8 WITH SP

Diameter : 3.38"
 Length : 3.00'
 Weight : 35 lbs
 Series : 30692Z
 Mnemonic : CH
 Measure Point: 0.83': SP

DOWNHOLE POWER ADAPTER

Diameter : 3.63"
 Length : 5.27'
 Weight : 86 lbs
 Series : 4430XB
 Mnemonic : DHPA



138.81'

SP 137.64'

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 : 39B1XA
Mnemonic : TTRM
Measure Point: 1.38': TEMP MP
Measure Point: 1.13': RM MP

TEMP MP --- 125.58'
RM MP --- 125.33'

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

GR MP --- 112.13'

KNUCKLE JOINT (DOUBLE)

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

COMPENSATED NEUTRON

Diameter : 3.63"
Length : 7.59'
Weight : 150 lbs
Series : 3446XA
Mnemonic : CN
Measure Point: 2.63': LSN MP
Measure Point: 2.24': SSN MP

LSN MP --- 100.93'
SSN MP --- 100.52'

Diameter : 4.86"
Length : 11.23'
Weight : 360 lbs
Series : 3334XA
Mnemonic : ZDL
Measure Point: 3.19' : CAL MP
Measure Point: 3.47' : LSD MP
Measure Point: 3.07' : 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, B 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 : 324 lbs
Series : 167RMC



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 : 167BFB
 Mnemonic : XMAC

MONOPOLE T2 --- 42.26'
 QUADRUPOLE T5 --- 42.26'

MULTI-POLE ARRAY ACOUSTIC

Diameter : 3.88"
 Length : 7.93'
 Weight : 170 lbs
 Series : 167BBA
 Mnemonic : XMAC
 Measure Point: 6.43' : QUADRUPOLE T5
 Measure Point: 6.43' : MONOPOLE T2
 Measure Point: 4.67' : Y-DIPOLE T4
 Measure Point: 4.67' : X-DIPOLE T3
 Measure Point: 2.92' : MONOPOLE T1

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 : 167BFA
 Mnemonic : MAC

4 ARM BOW SPRING CENTRALIZER

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



MECH OPERATIONS INSPECTION 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 — 7.73'

0.00'

BULL PLUG 3 3/8

TOTAL LENGTH: 138.81'
TOTAL WEIGHT: 3583 lbs
MAX DIAMETER: 0'4.88'



COMPANY WPX ENERGY INC
WELL PUCKETT GM 701-28-HN1
FIELD RULISON
COUNTY GARFIELD STATE CO

FILE NO:
US625272
API NO:
05045221540000

LOCATION:
SHL: 1314' FNL; 1035' FWL
BHL: 535' FNL; 629' FWL
SEC 28 TWP 6S RGE 96W

ELEVATIONS:
KB 5629 FT
DF
GL 5604 FT
DATE 08-Dec-2013

S28 T6S R96W
PAD: GM 11-28
RIG: AZTEC 1000