

Baker Atlas

FILE NO:

COMPANY

APACHE ENERGY LIMITED

API NO:

WELL

DORY-1

FIELD

DORY

Ver. 3.87

LOCATION:

SCALES:

LAT: 038 35 19.759 N

1:200

LONG: 148 32 51.925 E

OTHER SERVICES

RCI/GR
RCOR
VSP

PERMANENT DATUM

AHD ELEVATION 0 M

LOG MEASURED FROM

DF 21.5 M ABOVE P.D.

ELEVATIONS:

KB N/A
DF 21.5 M
GL 518.0 M

DRILL MEAS. FROM

DF

DATE 16-NOV-2008

RUN 1 TRIP 1

SERVICE ORDER

DEPTH DRILLER 3814.0 M

DEPTH LOGGER

BOTTOM LOGGED INTERVAL 3799.0 M

CASING DRILLER 340 MM @ 1533.0 M

CASING LOGGER

BIT SIZE 216 MM

TYPE OF FLUID IN HOLE KCL POLYMER

DENSITY 1.15 G/CM3 56 S

PH 11 4.0 CS

SOURCE OF SAMPLE

RM AT MEAS. TEMP. 0.068 OHMM @ 19.3 DEGC

RM AT MEAS. TEMP. 0.065 OHMM @ 20.0 DEGC

RM AT MEAS. TEMP. 0.086 OHMM @ 19.3 DEGC

SOURCE OF RMF RMC MEASURED MEASURED

RM AT BHT 0.027 OHMM @ 79.7 DEGC

TIME SINCE CIRCULATION 17.0 HOURS

MAX. RECORDED TEMP. 81.92 DEGC

EQUIP. NO. LOCATION HL 8881 AUSTRALIA

RECORDED BY I. SIREGAR/P. REDFEEN

WITNESSED BY G. FANNUS/A. CRUIKSHANK

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE 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

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO

REMARKS

RUN 1 TRIP 1 :

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION

MAIN LOG 1:200 SCALE

ECLIPS 6.0i Feb 22, 2008
Patches: 1,2,4

Sun Nov 16 22:52:54 2008

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.24

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/dory1/k772105.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 2743.116 m BOTTOM DEPTH: 3595.116 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CHT	FILTER ()	medium (1)		TOP	BOTTOM
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"
CN	FILTER ()	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"
ZDL MED RES	FILTER (hrd1*)	medium		"	"
	FILTER (hrd1s*)	medium		"	"
	FILTER (hrd2*)	medium		"	"
	FILTER (hrd2s*)	medium		"	"
	FILTER (soft*)	medium		"	"
DT24	FILTER ()	light (2)		"	"
DLL	FILTER ()	medium (1)		"	"
MLL	FILTER ()	light (2a)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	340.000	mm	TOP	BOTTOM
	CASING THICKNESS	0.000	mm	"	"
X-Y COMBINED CALIPER PROCESSING	X-Y Caliper	X-Axis		"	"
BIT SIZE	BIT SIZE	216.000	mm	"	"
MUD SAMPLE RESISTIVITY	MUD SAMPLE TEMP	25.0	degC	"	"
	MUD SAMPLE RES	1.000	ohm.m	"	"
BOREHOLE TEMP from GRADIENT	Known BH REF TEMP	25.0	degC	"	"
	at BH REF DEPTH	0.0	m	"	"
	with TEMP GRADIENT	2.187	0.01 degC/m	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. {cnbh*}	USE CALIPER		"	"
	CALIPER/FIXED DIA. {dlbh*}	USE CALIPER		"	"
	CALIPER/FIXED DIA. {zdbh*}	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER {cnbh*}	216.000	mm	"	"
	FIXED DIAMETER {dlbh*}	216.000	mm	"	"
BH MUD RESISTIVITY SOURCE	RMUD SOURCE	MUD SAMP DERIVED		"	"

CN PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
2446 CN MATRIX	2446 MATRIX	LIMESTONE		TOP	BOTTOM
CN SALINITY CORRECTION	SALINITY	89000	ppm	"	"
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		"	"
	BIT SIZE BEHIND CSNG	200.025	mm	"	"

ZDL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
MUD DENSITY	MUD DENSITY	1.15	g/cm3	TOP	BOTTOM
ZDL	DENX TRACKING (2234XA 1)	ON		"	"

ACOUSTIC POROSITY

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA T CURVE SELECTION	DT24 SOURCE	FIRST ARRIVAL DT24		TOP	BOTTOM

ACOUSTIC PICK CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA-T REJECTION RANGE	REJECTION DTmin	40	us/ft	TOP	BOTTOM
	REJECTION DTmax	180	us/ft	''	''
FIRST ARRIVAL PICK	SEARCH START OFFSET {sfan1*}	0	us	''	''
	SEARCH START OFFSET {sfan2*}	0	us	''	''
	SEARCH START OFFSET {sfan3*}	0	us	''	''
	SEARCH START OFFSET {sfan4*}	0	us	''	''
	SEARCH WINDOW LENGTH	819	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 (m)	
CYCLE SKIP LIMIT	CYCLE SKIP LIMIT	100	us	TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	4000	Hz	''	''
	HIGH FREQ CUTOFF	20000	Hz	''	''

DLL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DLL BOREHOLE CORRECTION	BOREHOLE CORR	ON		TOP	BOTTOM
	DEEP TYPE	STANDARD		''	''
	SHALLOW TYPE	STANDARD		''	''
	TOOL POSITION	CENTRALIZED		''	''
	DEEP CURRENT RTN.	STANDARD		''	''
	ARMOR ISOLATOR	DUAL 12' ISOLATORS		''	''
	GRONINGEN RTN. DIST	40 FT RETURN		''	''

CURVE DESCRIPTION REPORT

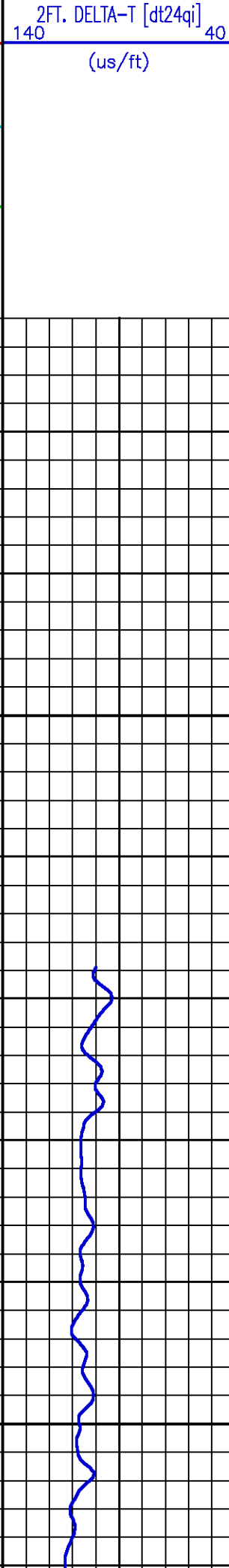
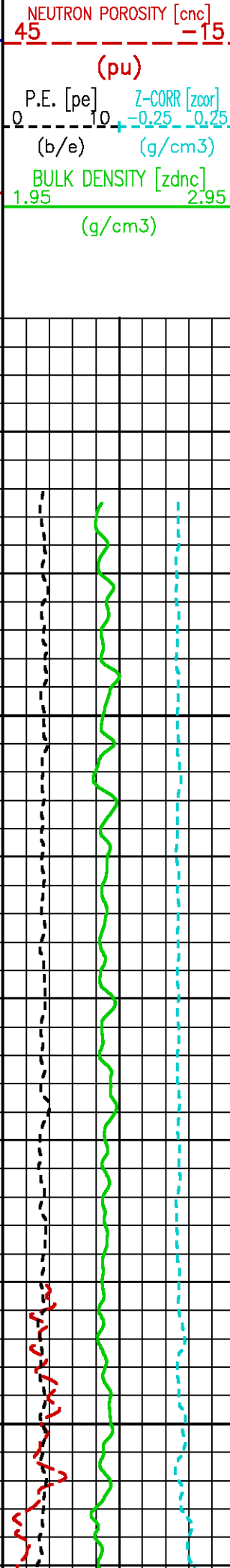
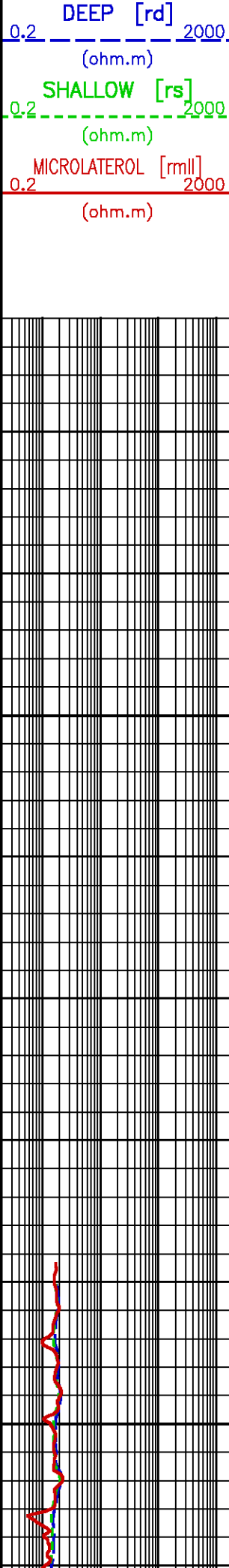
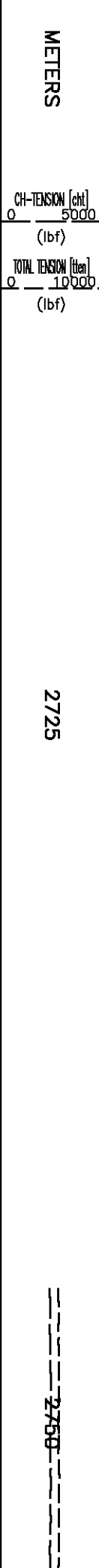
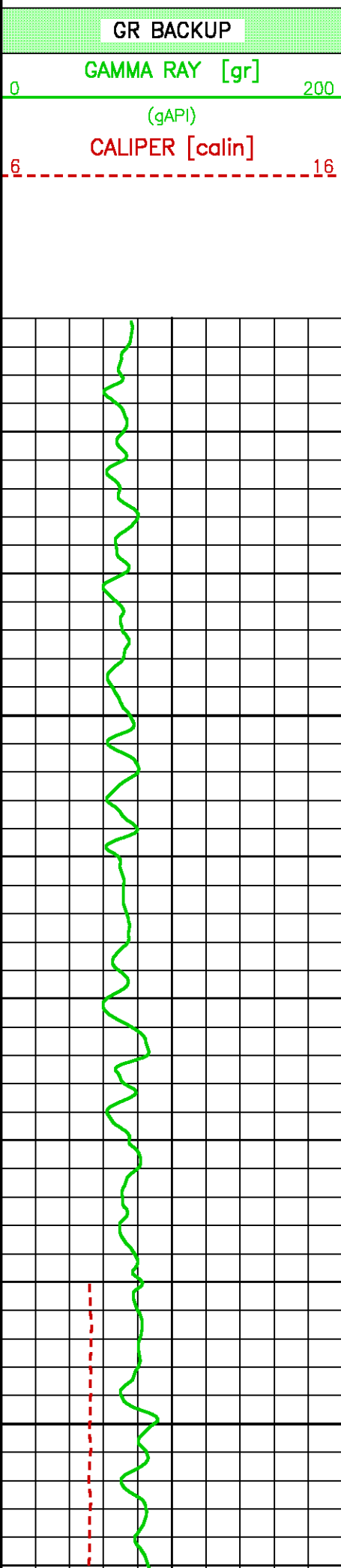
CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
F1:CHT	CHT	Nov 16 20:07:35 2008	CABLE HEAD TENSION
F1:CNC	CNC	Nov 16 20:07:35 2008	BOREHOLE SIZE CORRECTED COMPENSATED NEUTRON POROSITY
F1:DT24QI	DT24.I	Nov 16 20:07:35 2008	INTERVAL TRANSIT TIME OVER 24 INCH INTERVAL
F1:GR	GR	Nov 16 20:07:35 2008	GAMMA RAY
F1:PE	PE	Nov 16 20:07:35 2008	PHOTO ELECTRIC CROSS-SECTION
F1:RD	RD	Nov 16 20:07:35 2008	DEEP RESISTIVITY
F1:RMLL	RMLL	Nov 16 20:07:35 2008	RESISTIVITY
F1:RS	RS	Nov 16 20:07:35 2008	SHALLOW RESISTIVITY
F1:TTEN	TTEN	Nov 16 20:07:35 2008	TOTAL TENSION
F1:ZCOR	ZCOR	Nov 16 20:07:35 2008	DENSITY CORRECTION
F1:ZDNC	ZDNC	Nov 16 20:07:35 2008	BOREHOLE SIZE/MUD WEIGHT CORRECTED DENSITY

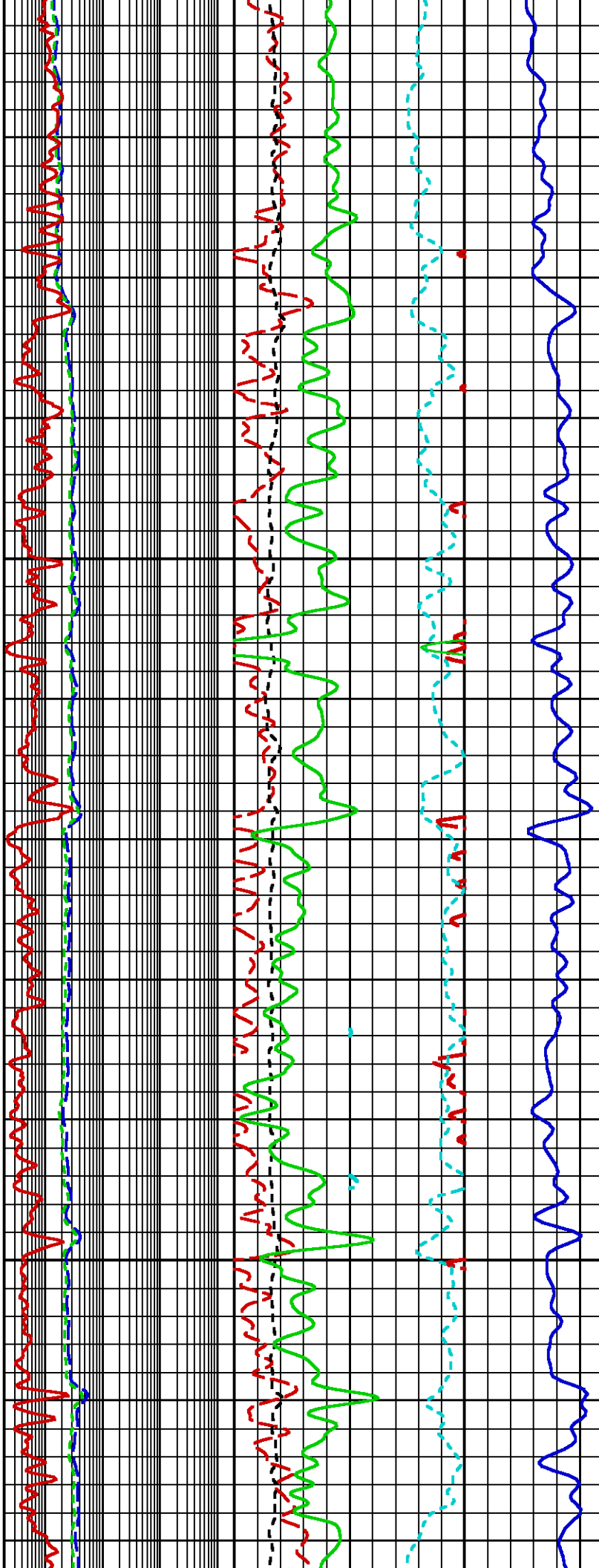
CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
CALIN	0.00	DT24QI	16.15	RD	6.40	TTEN	0.00
CHT	0.00	GR	34.14	RMLL	0.91	ZCOR	28.65
CNC	32.00	PE	28.65	RS	6.40	ZDNC	28.65

Presentation : sys1:/dat1a/dory1/DORY1_RUSH.pdf [1:200 Scale]
 Plot Interval : 2711.04 - 3806.04 Meters

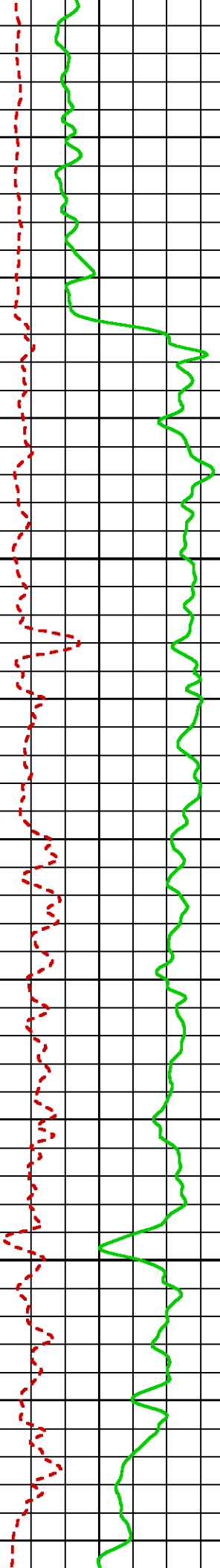
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 Created On : Nov 16 20:07:35 2008
 Company : APACHE
 Well : DORY-1
 Field : 1
 File Interval : 2711.04 - 3806.04 Meters
 Oct : k7721

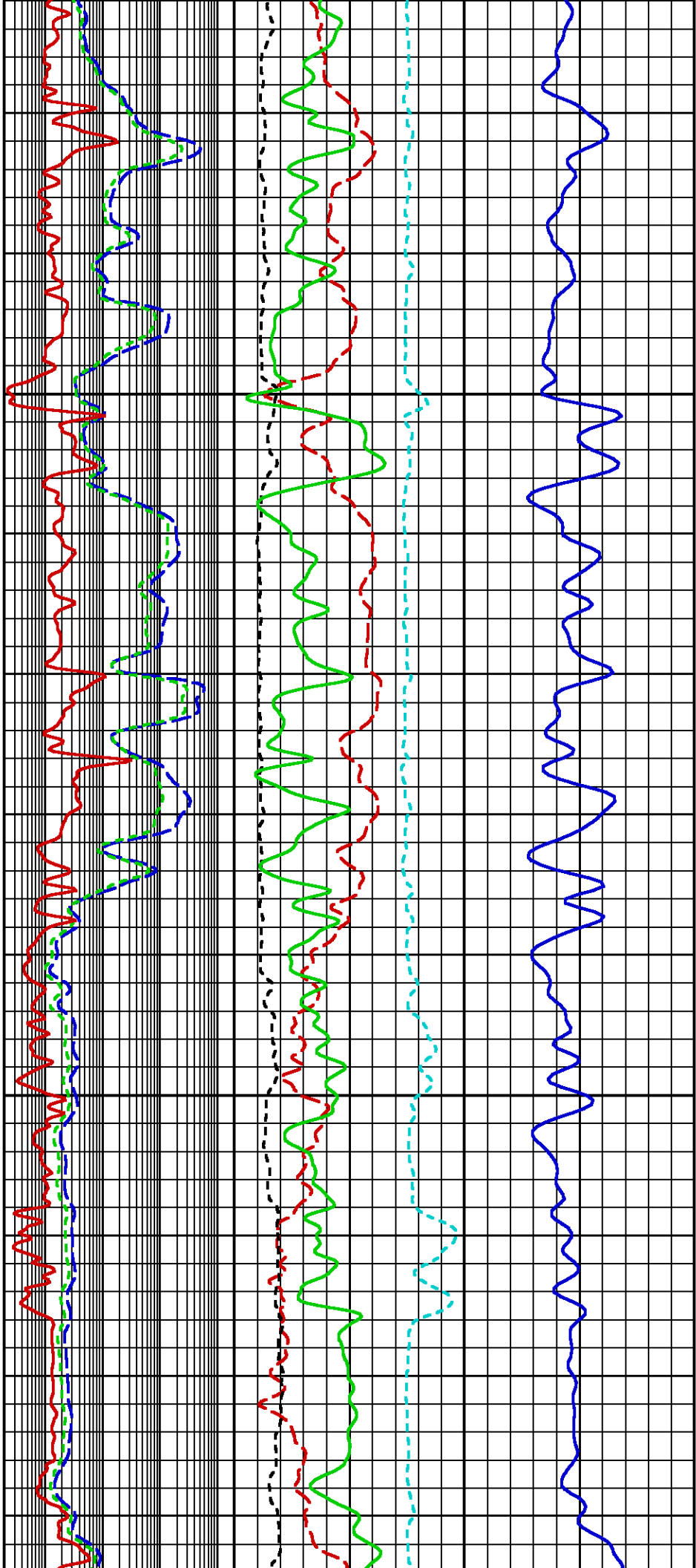




2773

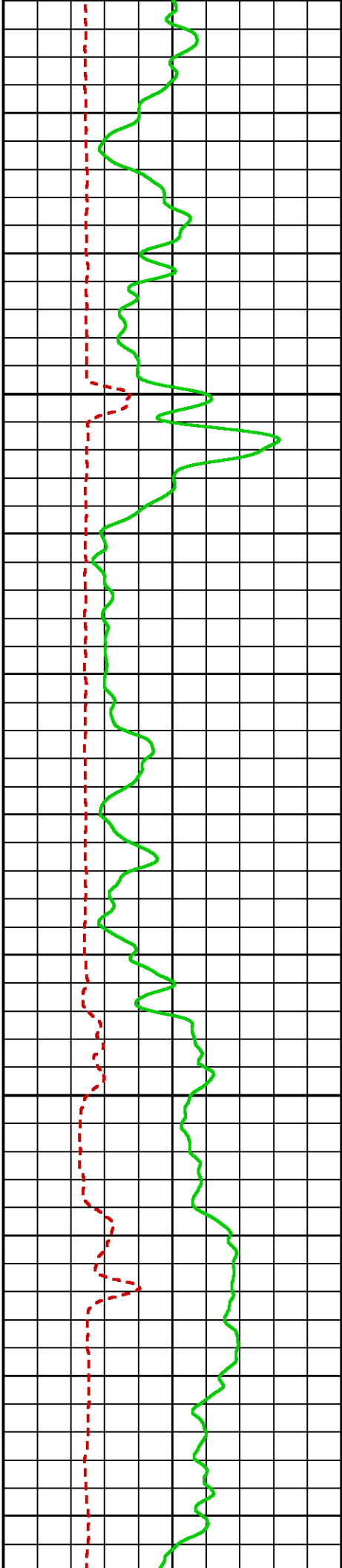
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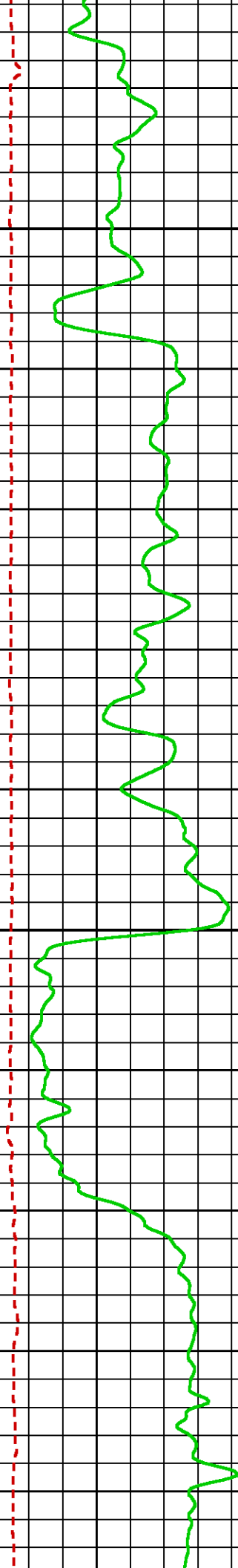
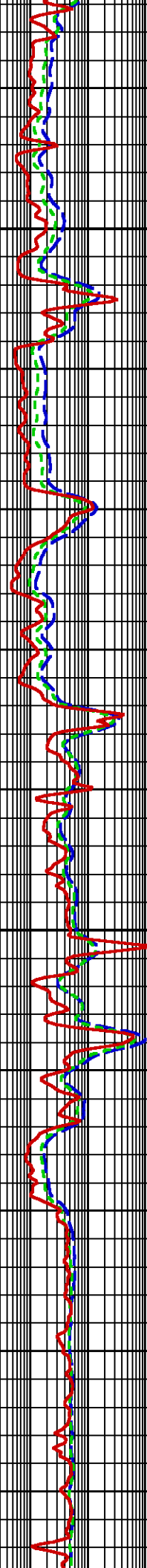
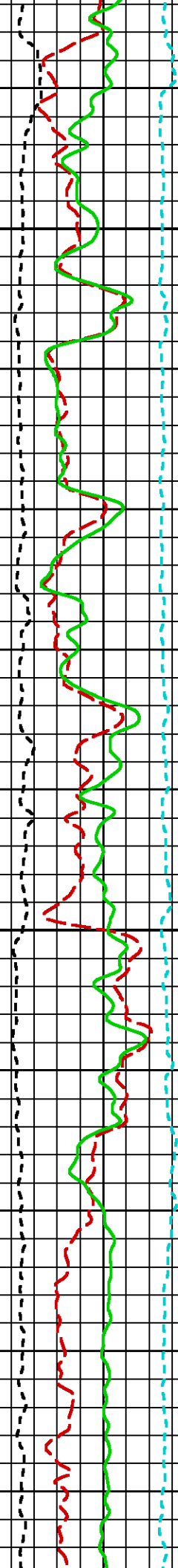
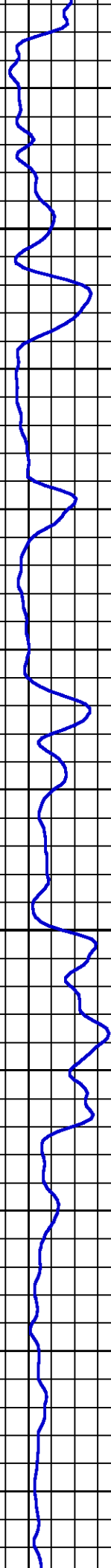
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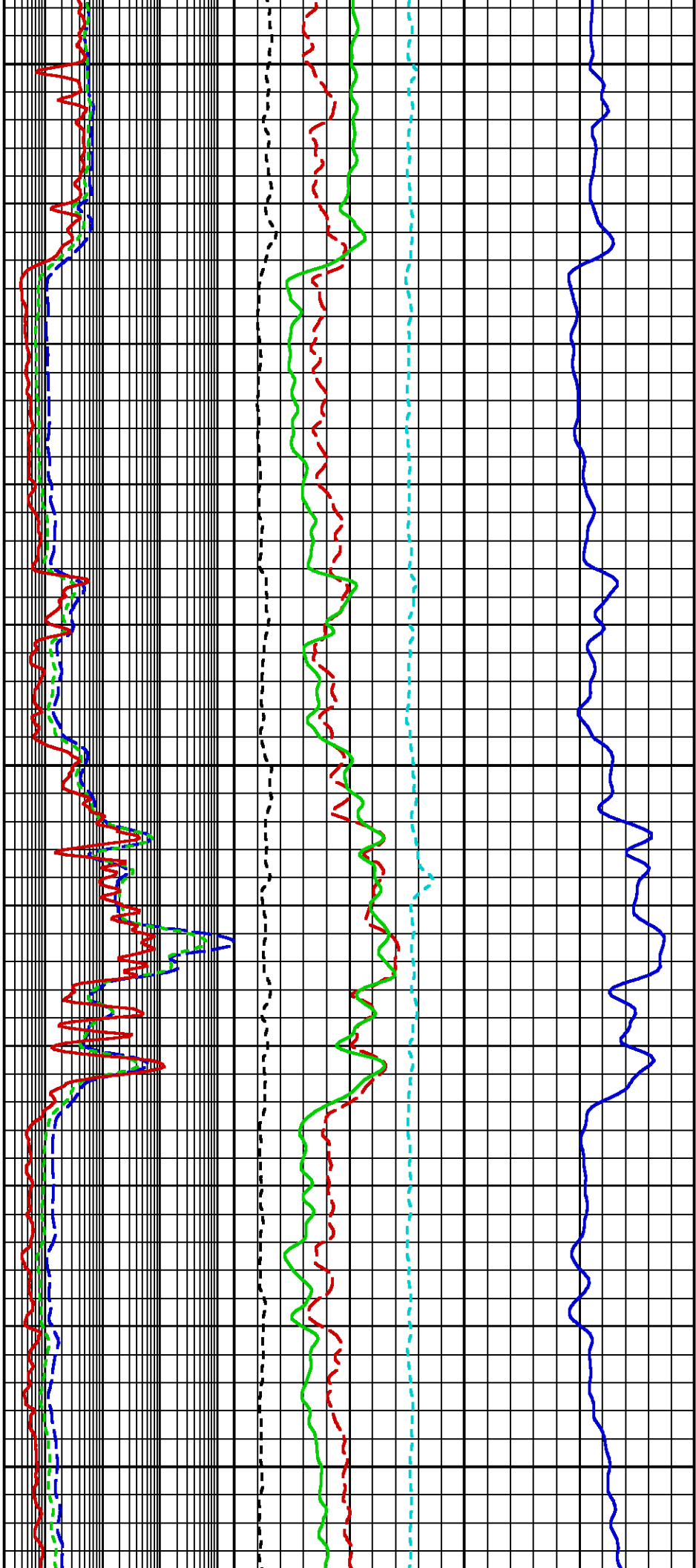
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2875

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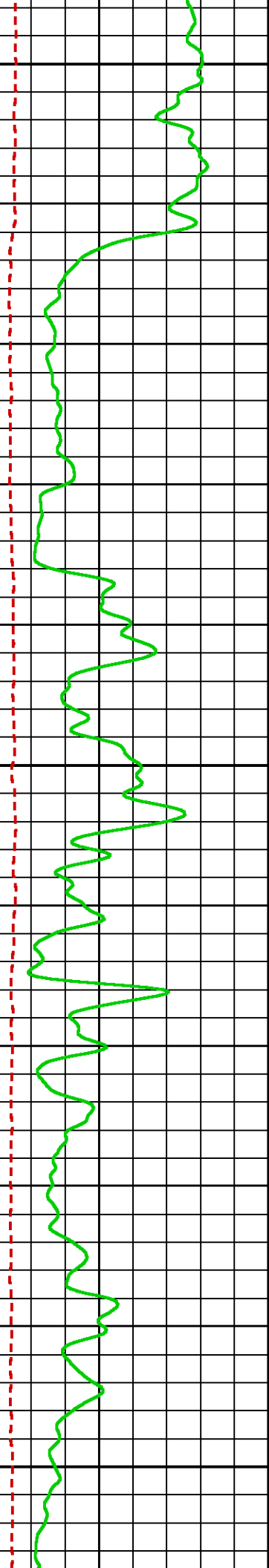




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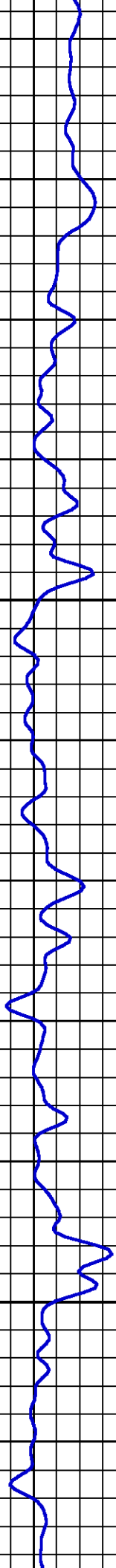
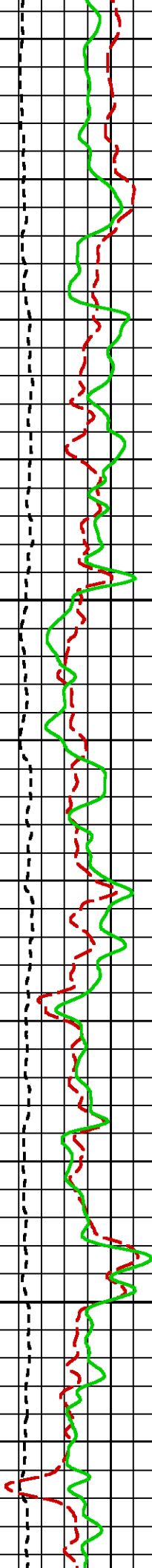
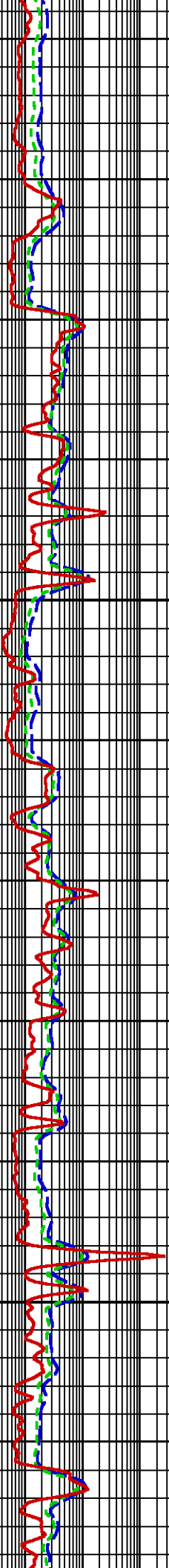
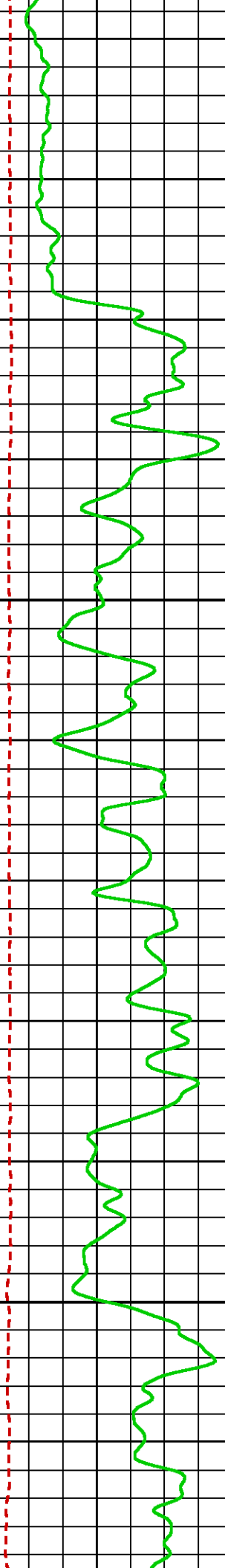
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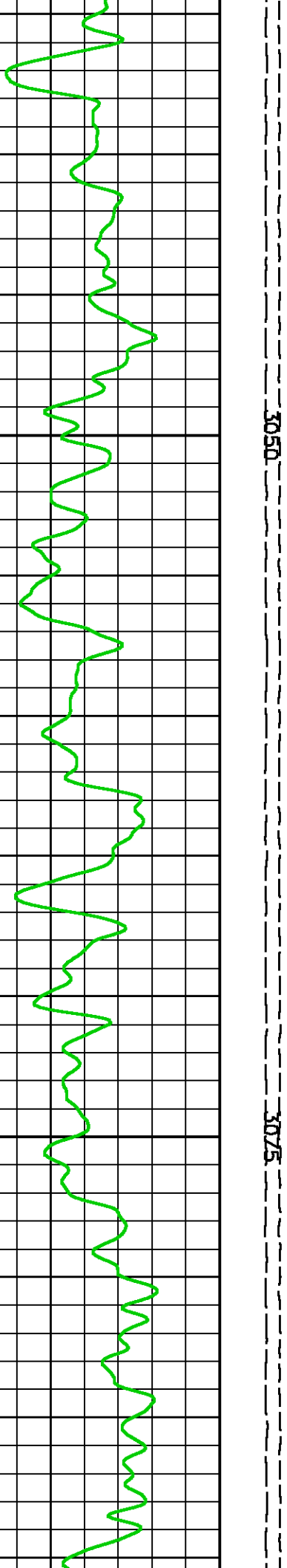
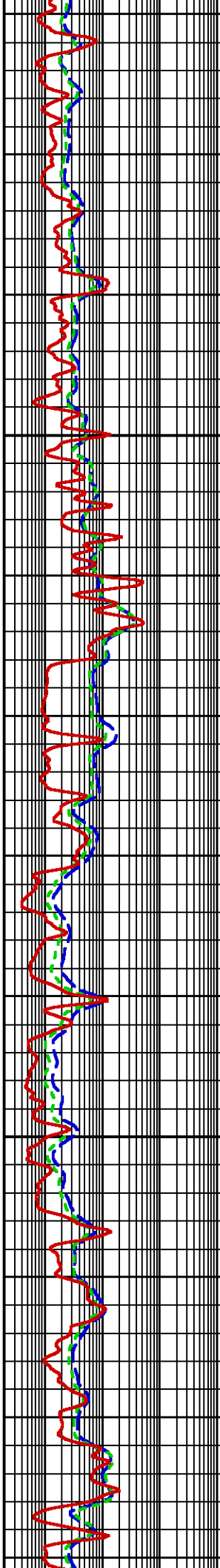
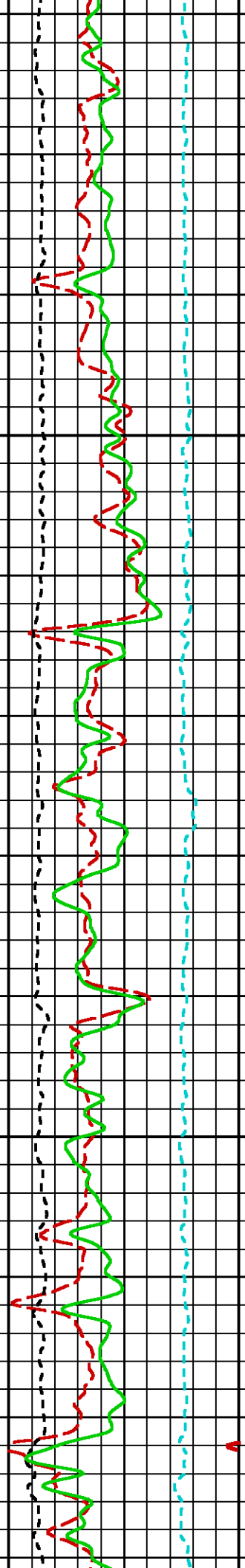
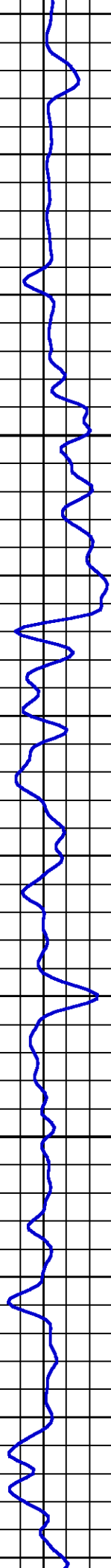
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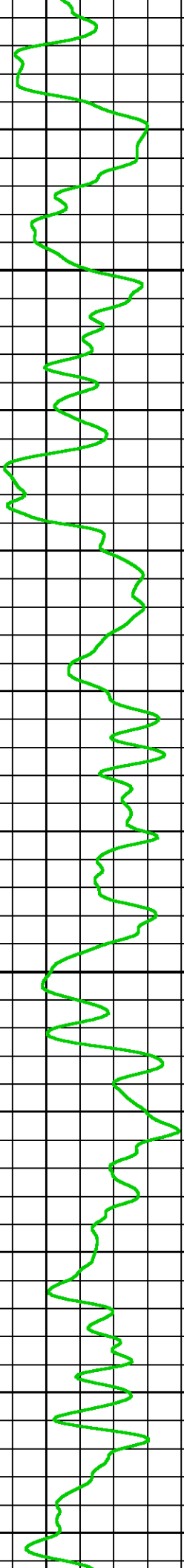
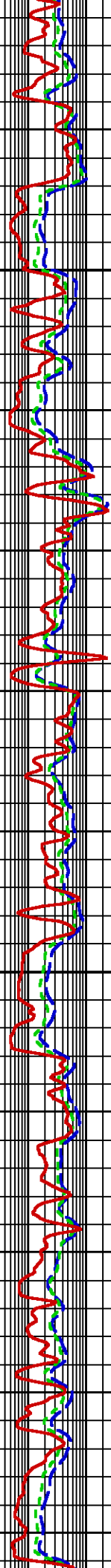
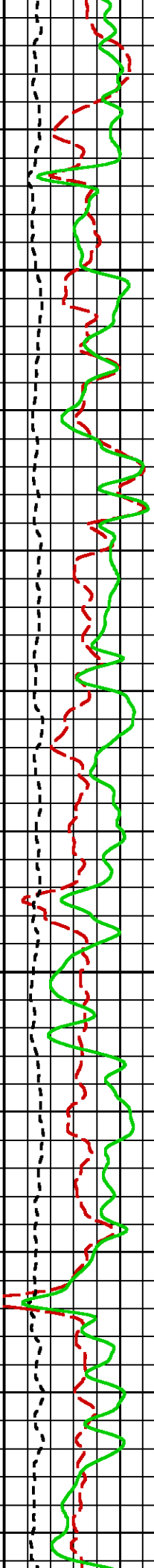
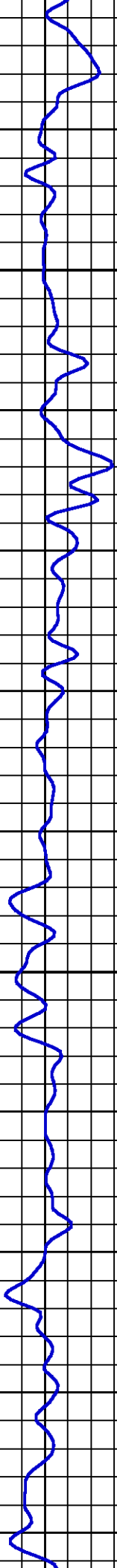
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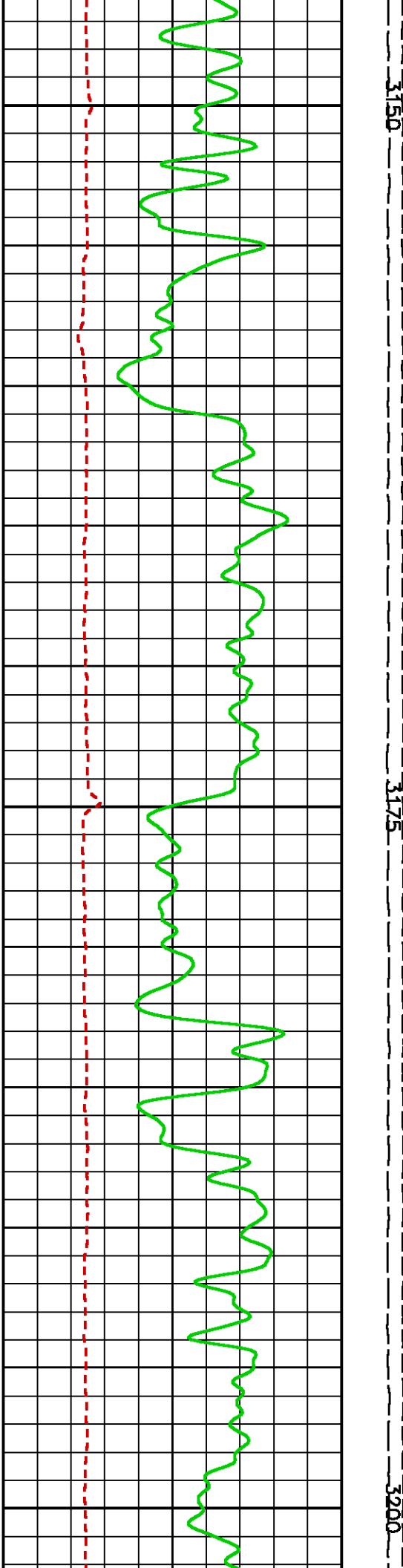
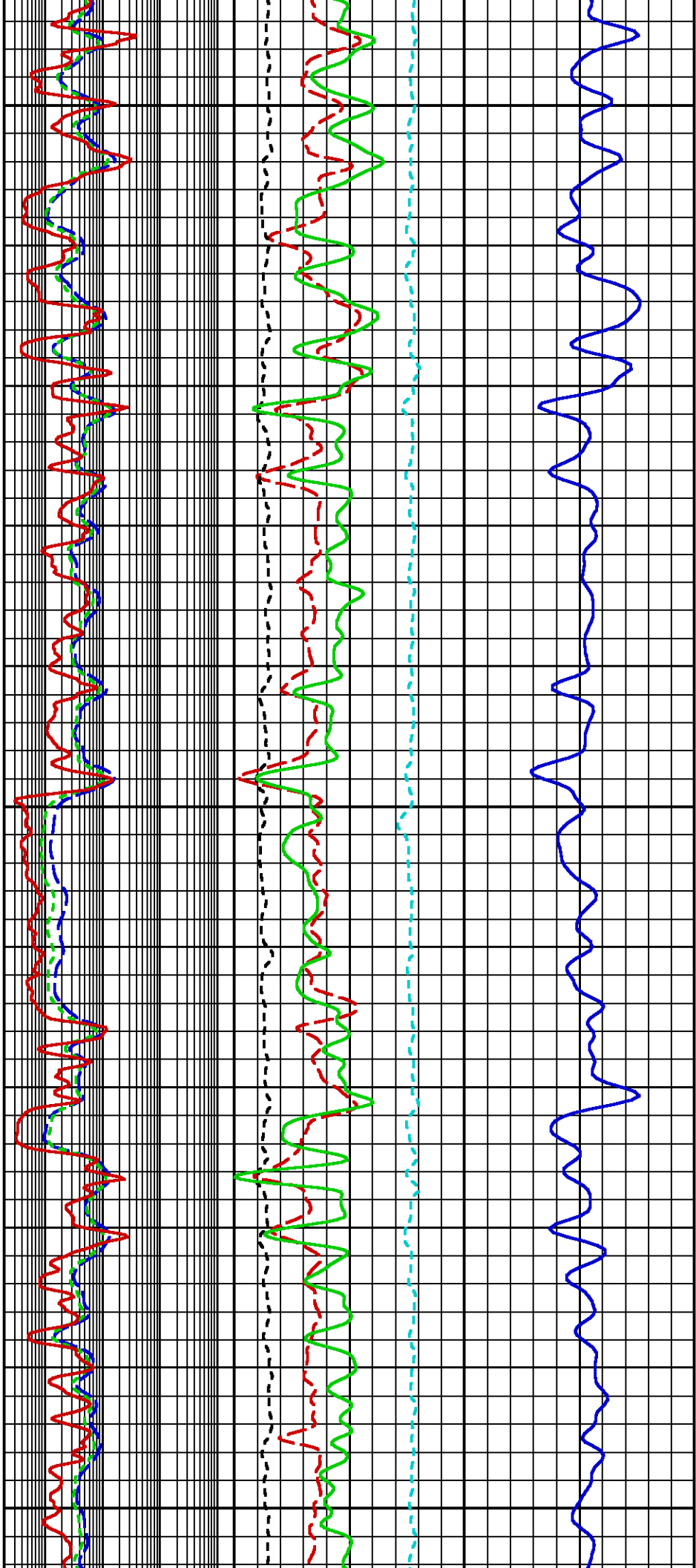


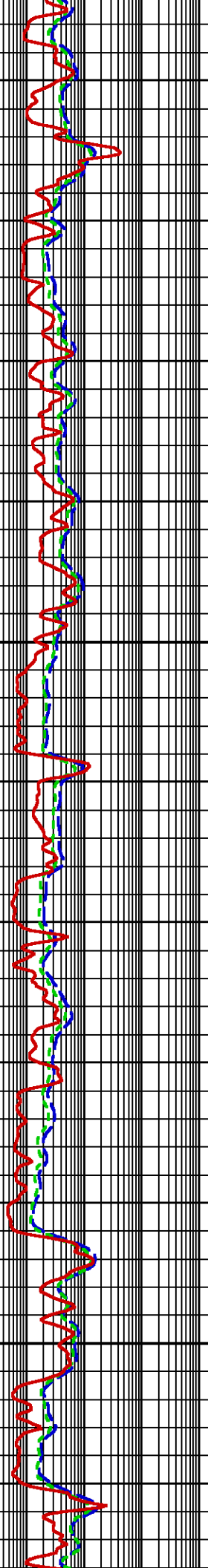
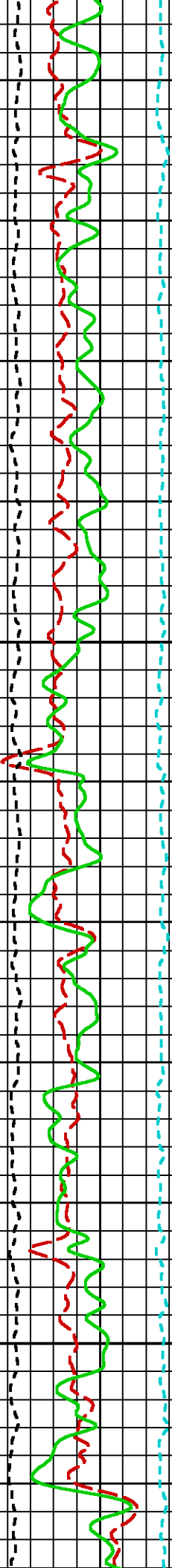
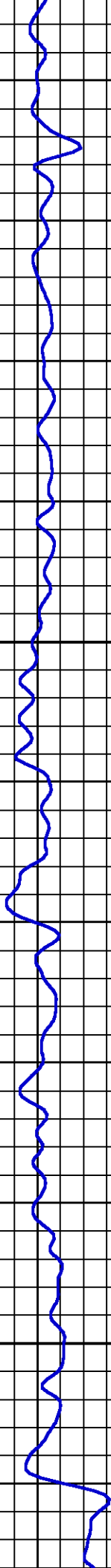


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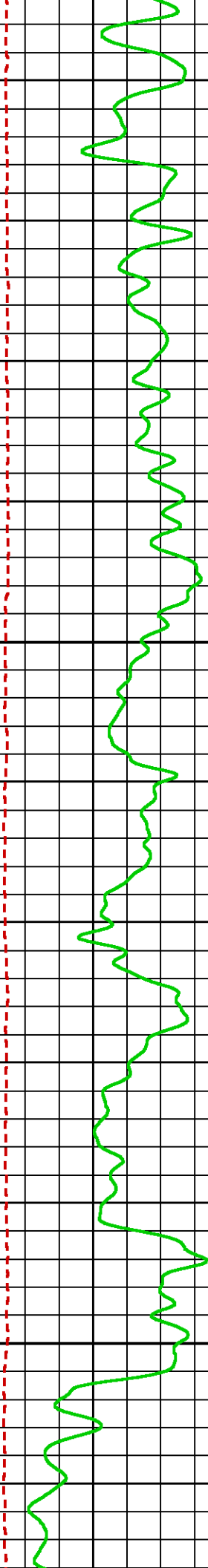


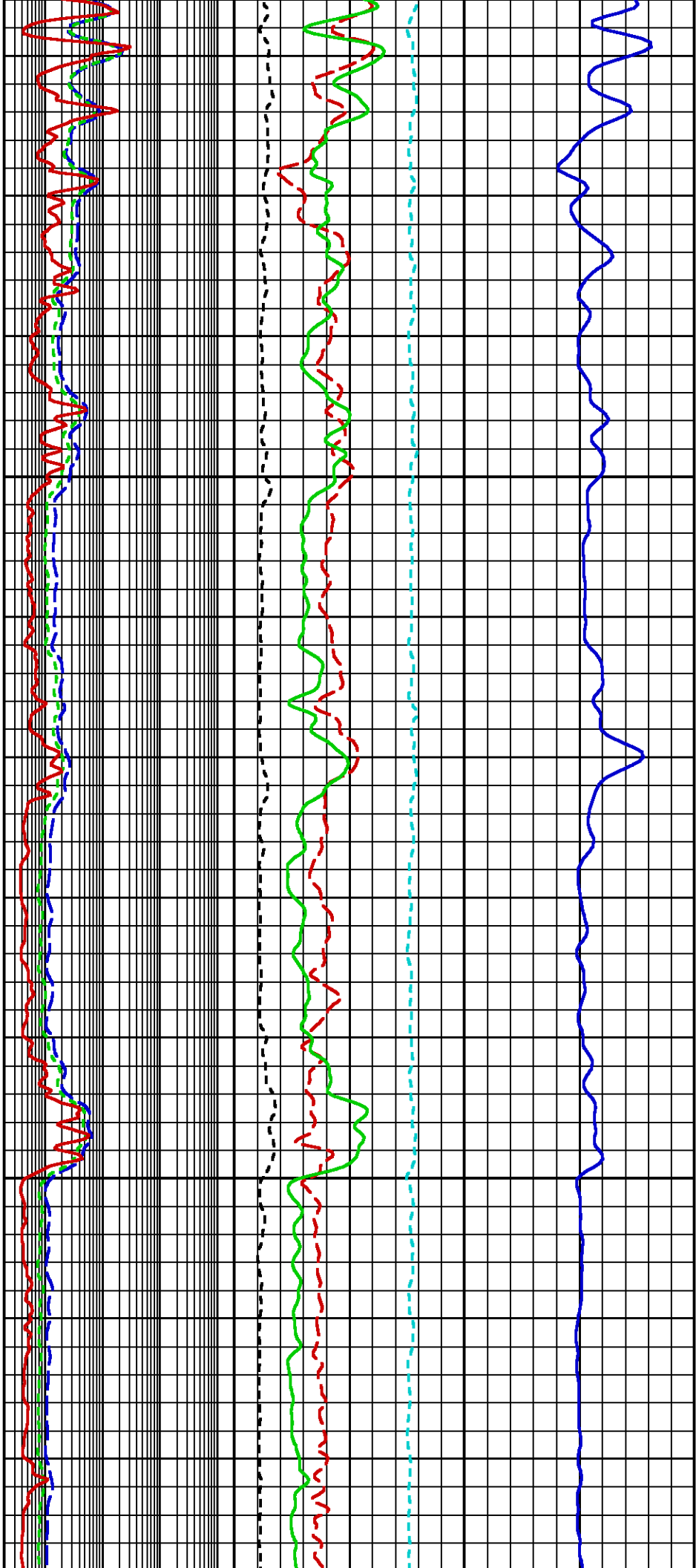




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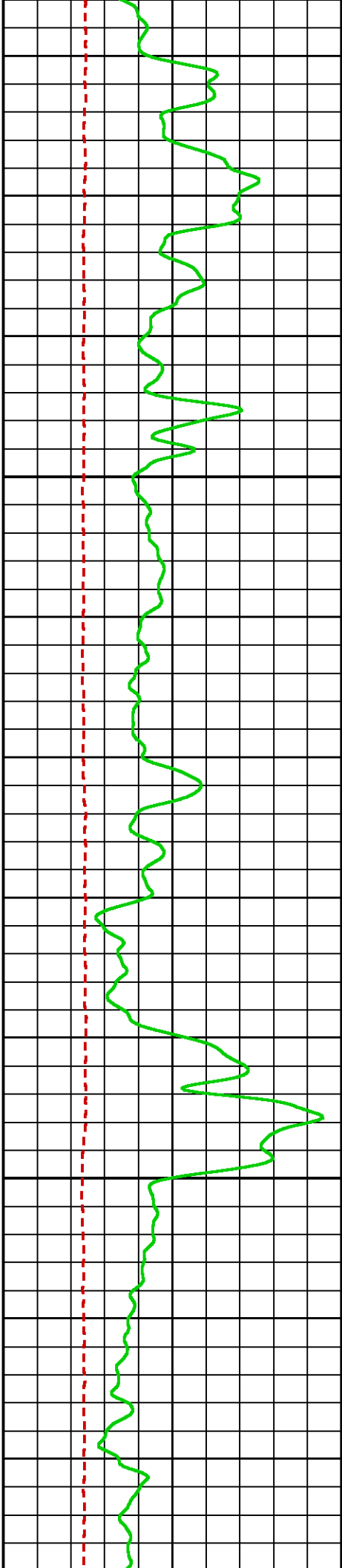
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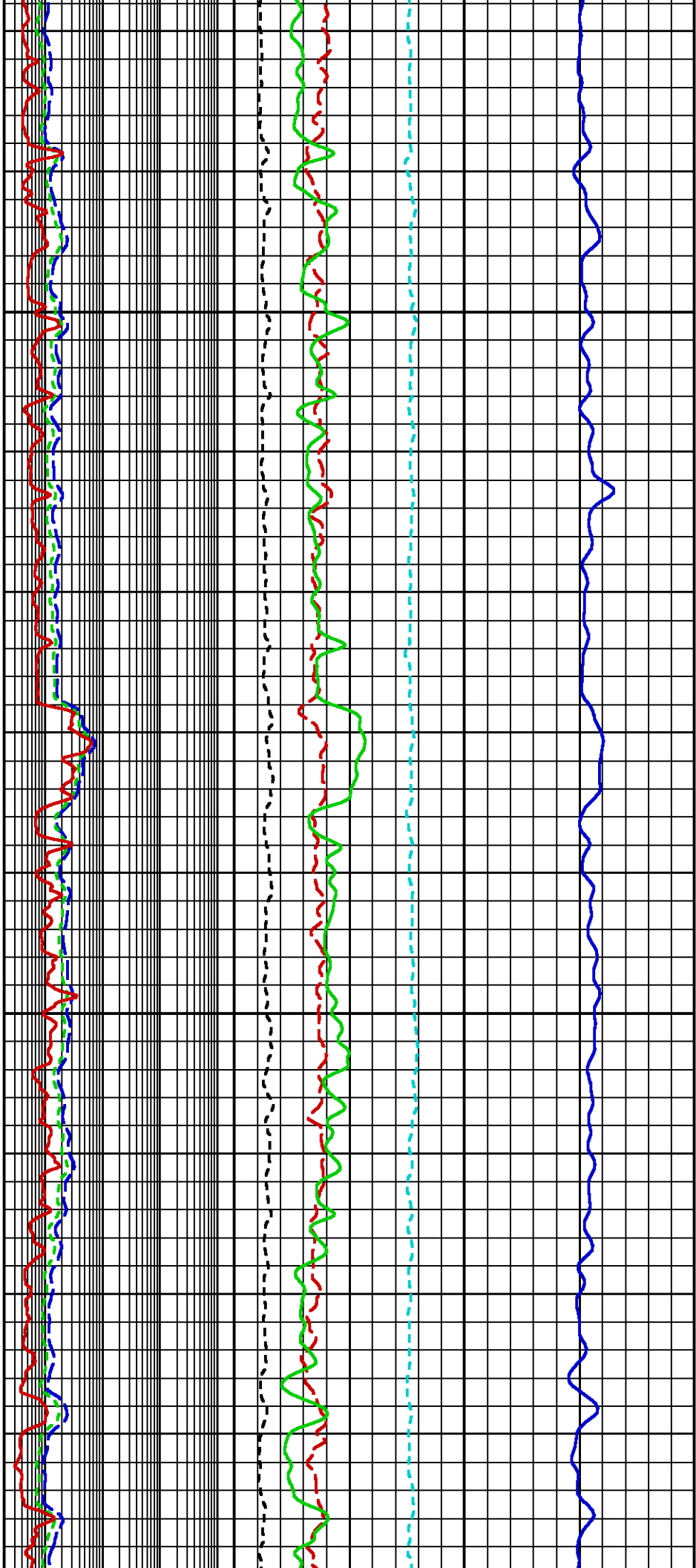




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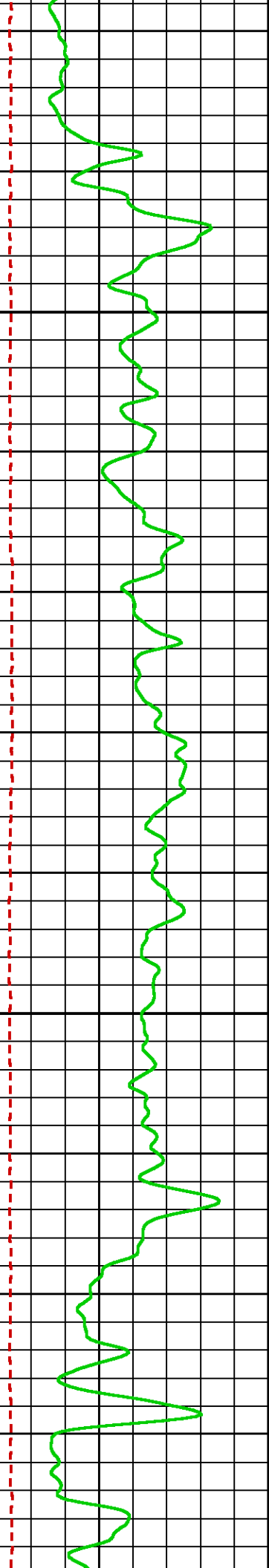
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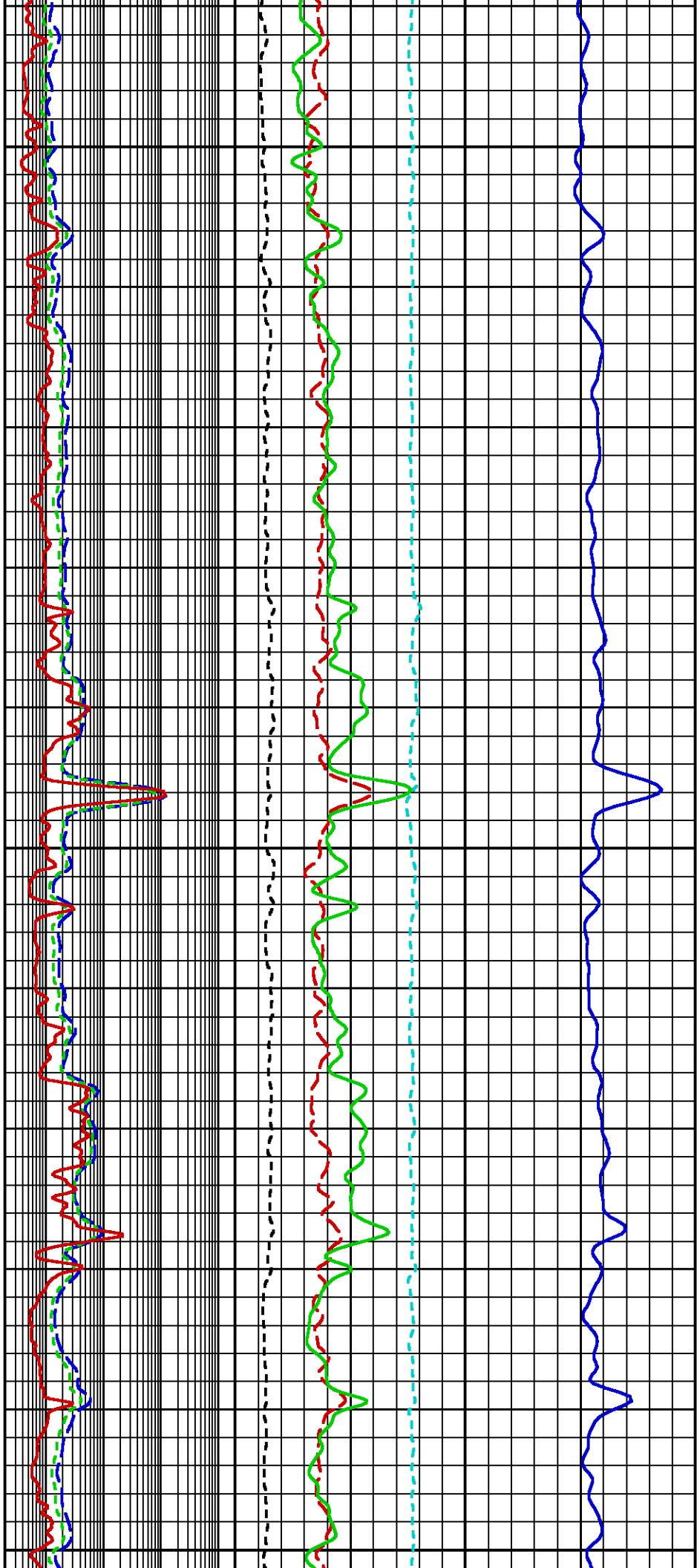




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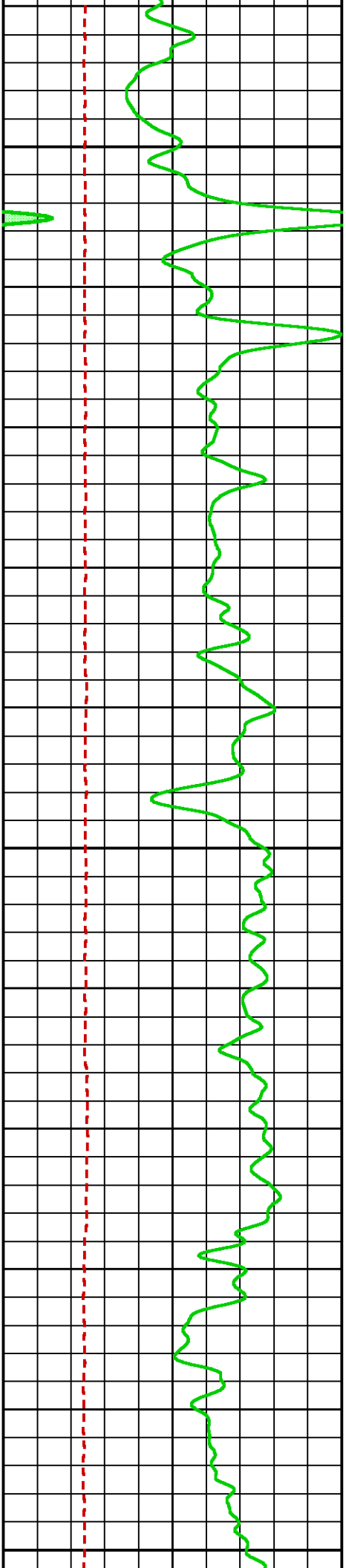




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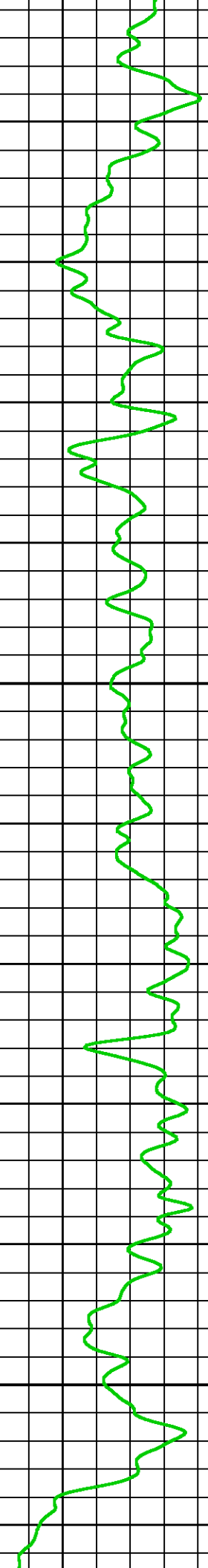
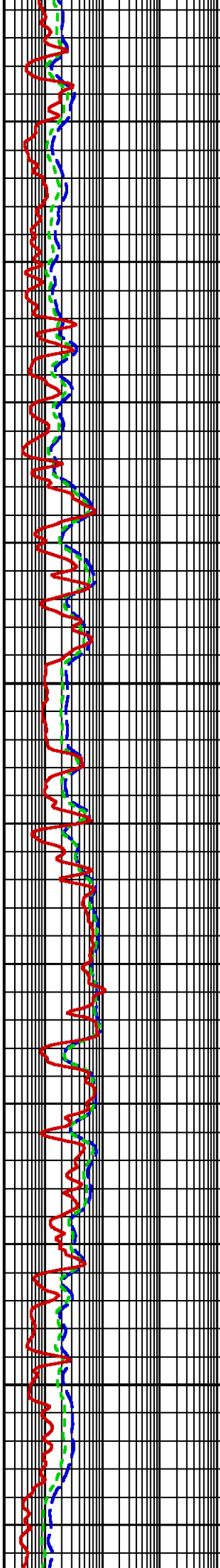
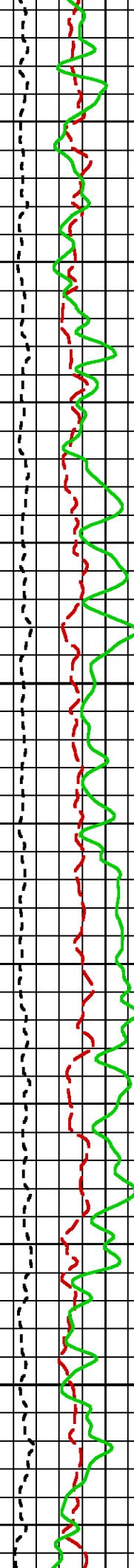
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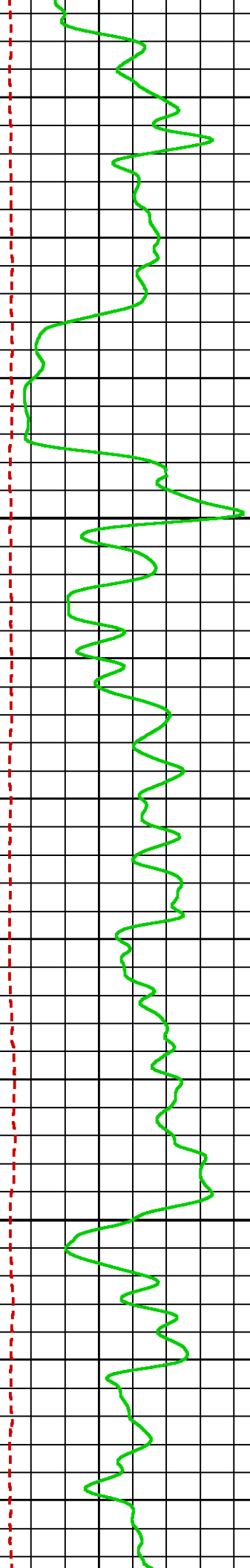
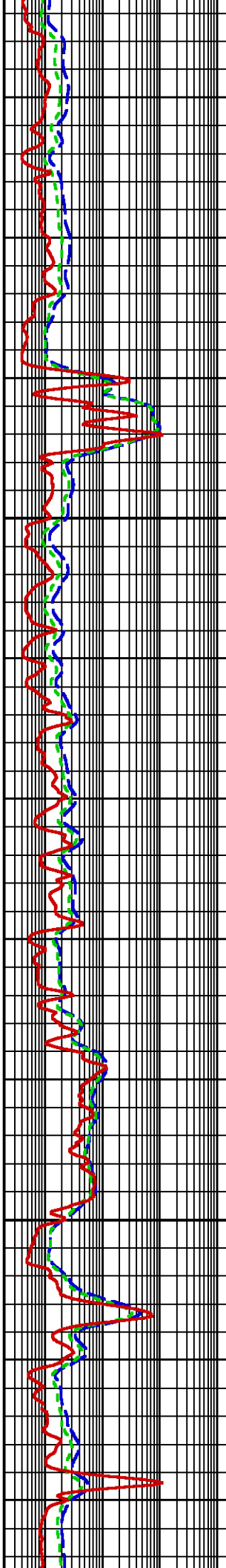
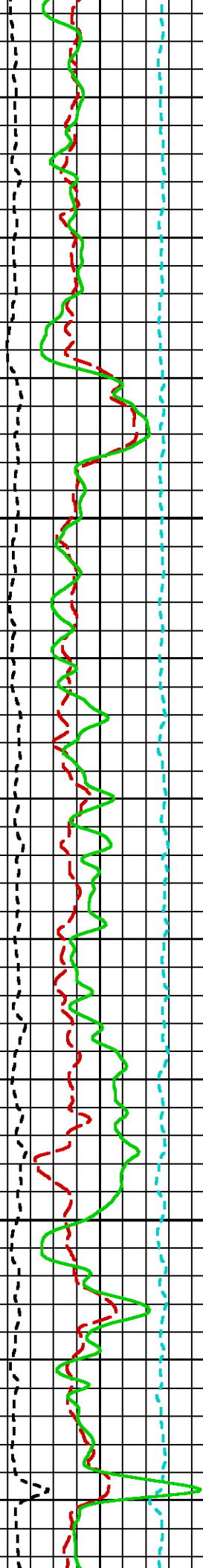
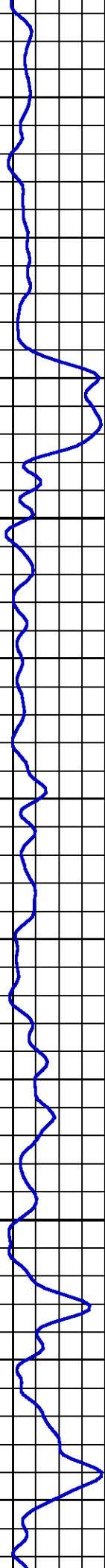
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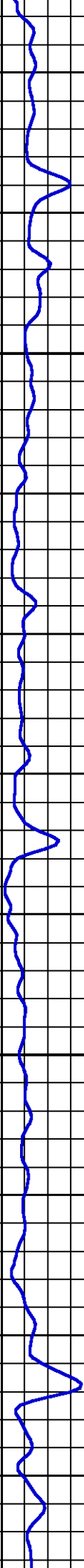
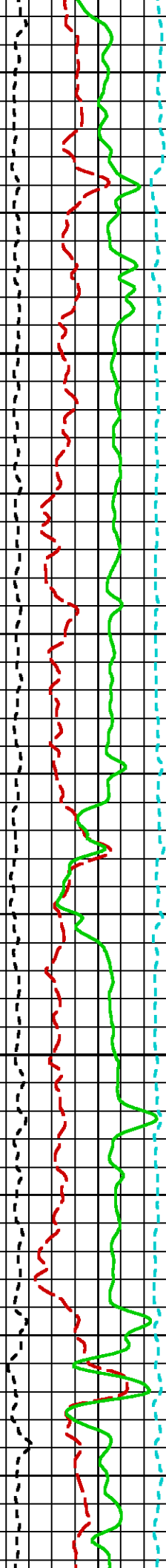
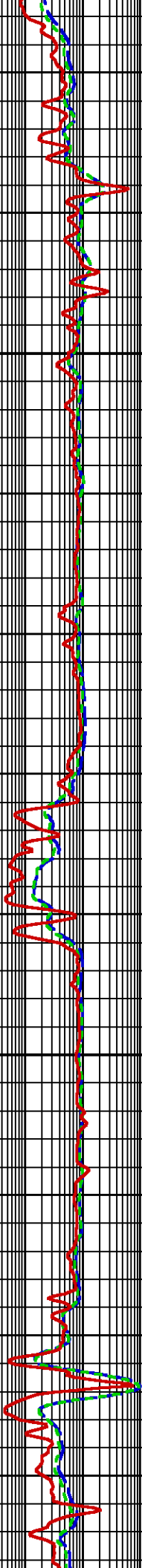
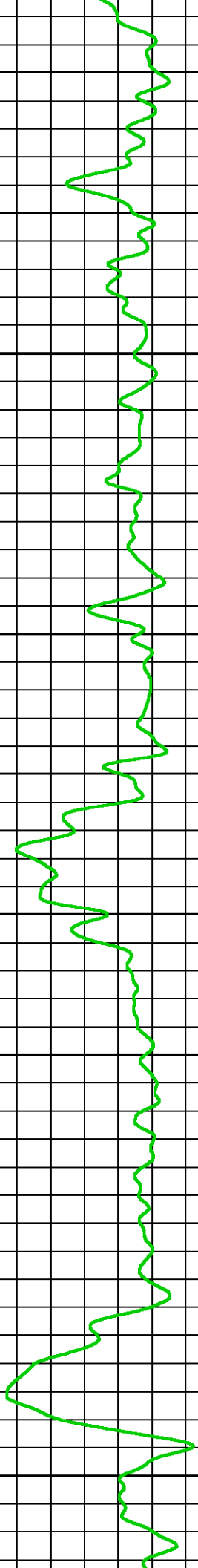
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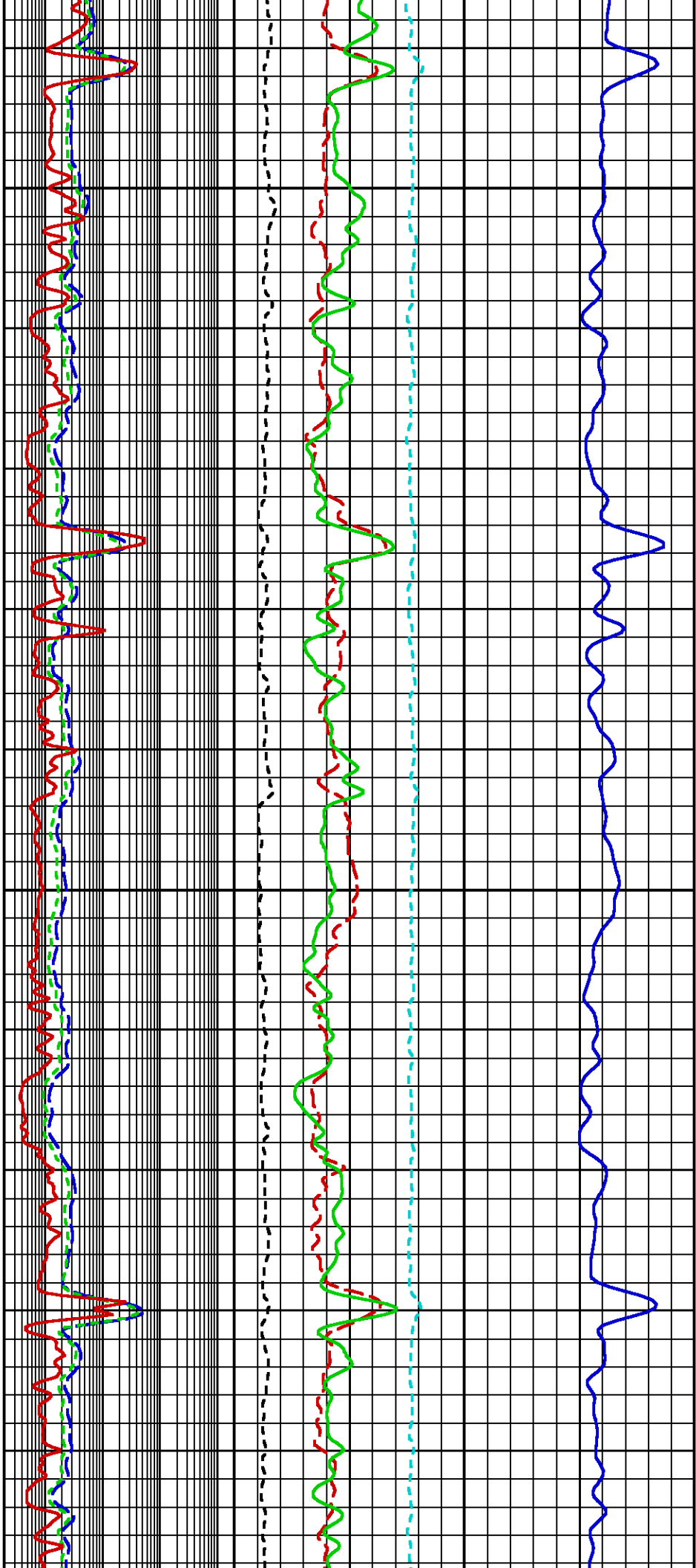
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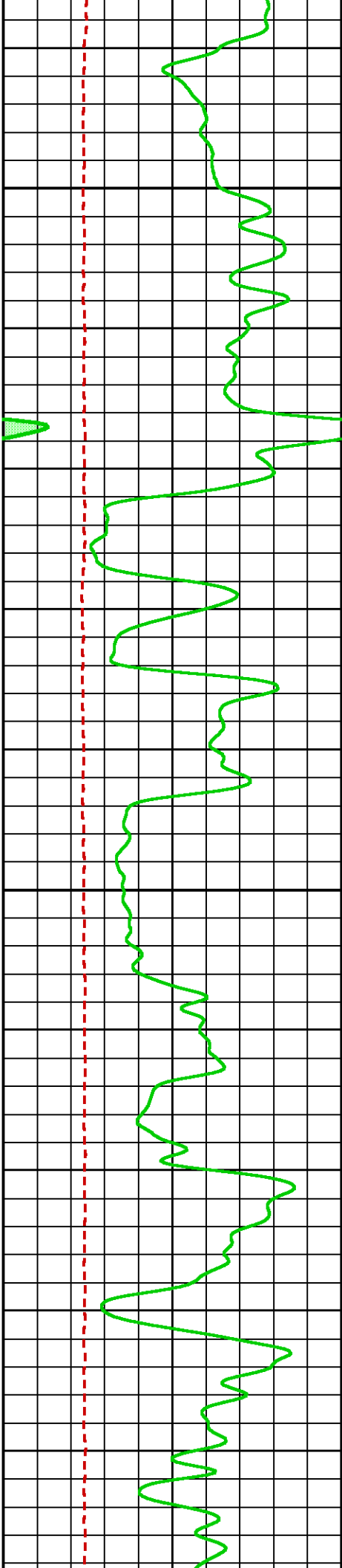
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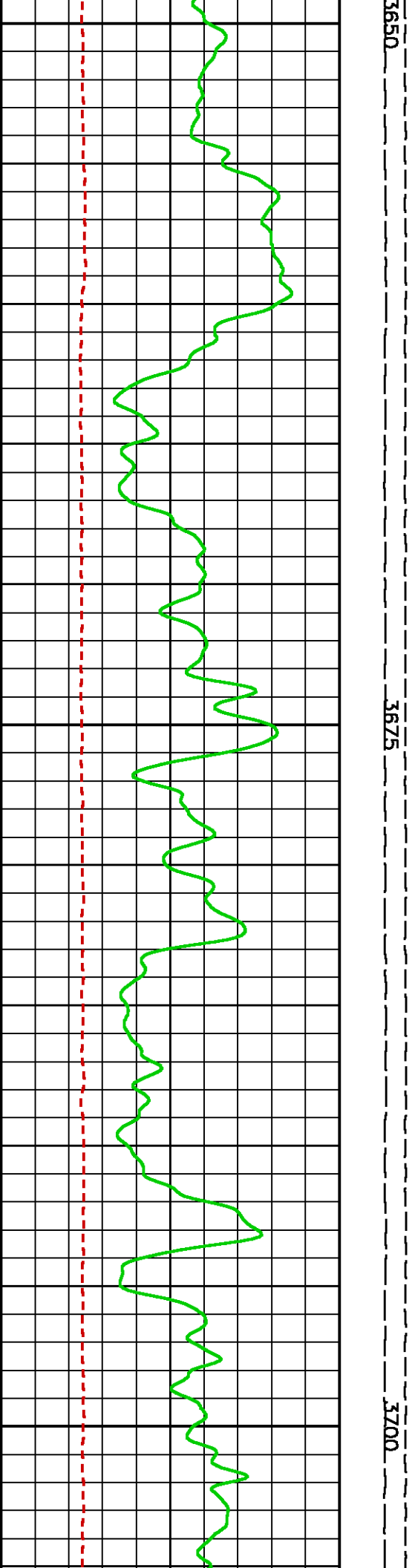
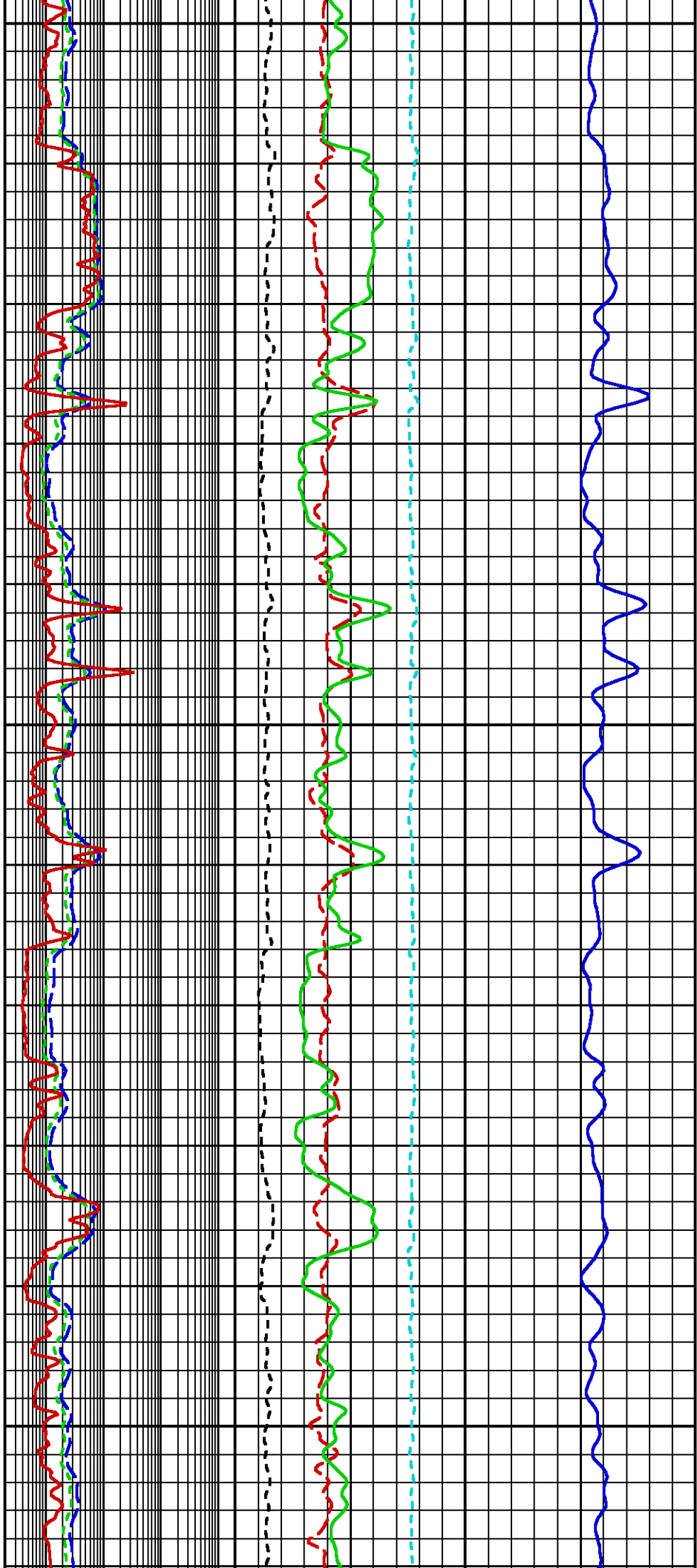




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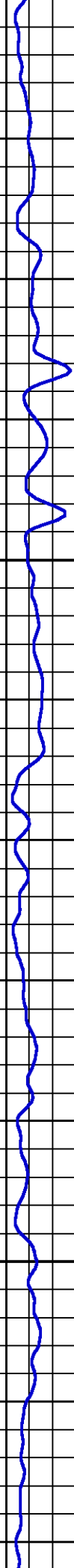
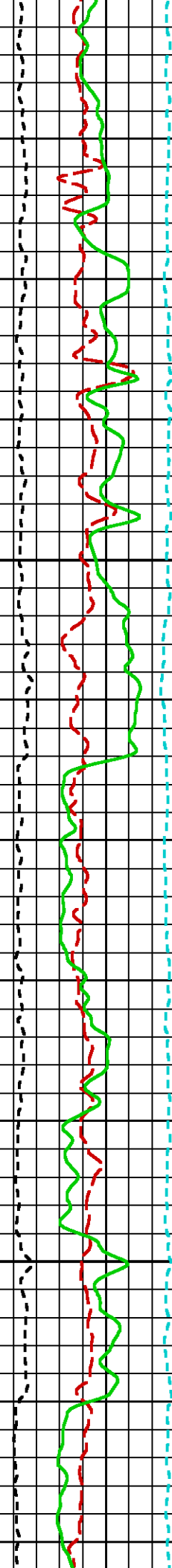
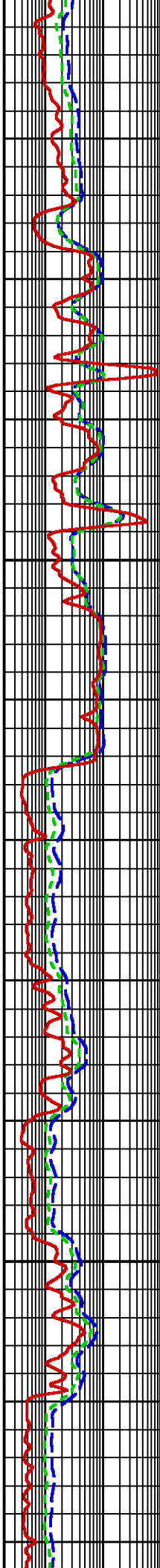
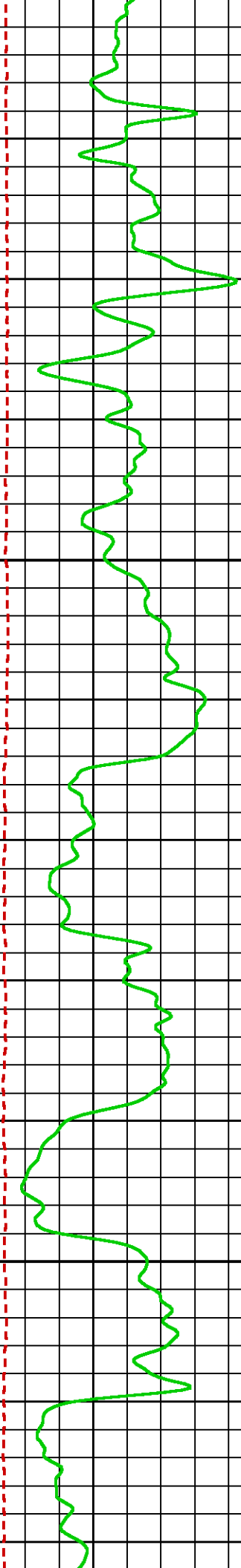
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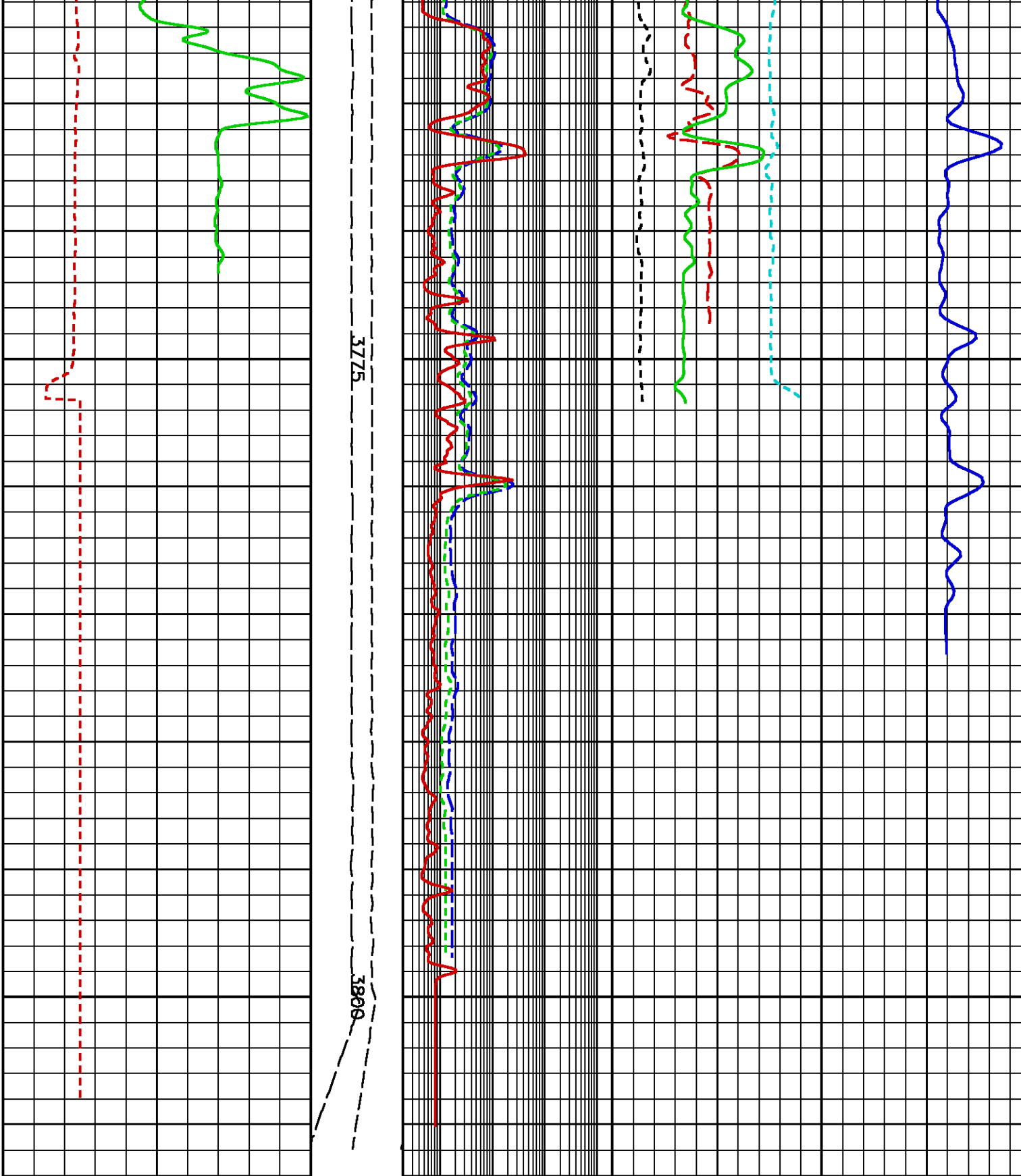




3725

3750





GR BACKUP

GAMMA RAY [gr]
(gAPI)

CALIPER [calin]

CH-TENSION [cht]
(lbf)

TOTAL TENSION [tten]

METERS

CH-TENSION [cht]
(lbf)

TOTAL TENSION [tten]

DEEP [rd]
(ohm.m)

SHALLOW [rs]
(ohm.m)

MICROLATERAL [rml]
(ohm.m)

NEUTRON POROSITY [cnc]
(pu)

P.E. [pe]
(b/e)

BULK DENSITY [zdnc]
(g/cm3)

2FT. DELTA-T [dt24qi]
(us/ft)

3725

3800

	0 — 10000 (lbf)			
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