Schlumberger

Company: **STONE ENERGY**

Well: **POTOCZNY UNIT A 1−H**

Field: **FARMINGTON**

County: **MARION** State: **WEST VIRGINIA**

PLATFORM EXPRESS
ARRAY LATEROLOG
CALIPER / GAMMA RAY

County: MARION
Field: FARMINGTON
Location: LAT. 39* 34' 08.9" N
Well: POTOCZNY UNIT A 1−H
Company: STONE ENERGY

LOCATION

LAT. 39* 34' 08.9" N
LONG. 80* 16' 04.2" W

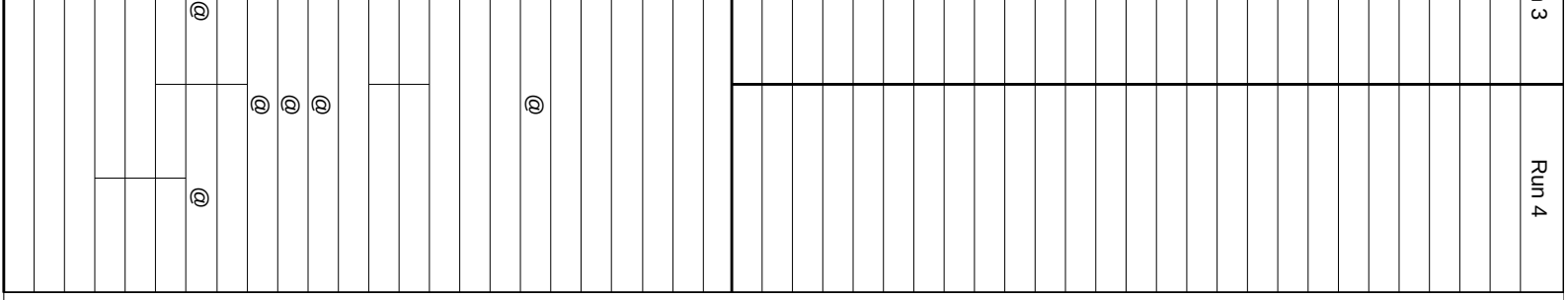
Elev.: K.B. 1414.00 ft
G.L. 1404.00 ft
D.F. 1414.00 ft

Permanent Datum: GROUND LEVEL Elev.: 1404.00 ft
Log Measured From: KELLY BUSHING 10.00 ft above Perm. Datum
Drilling Measured From: KELLY BUSHING

API Serial No.	District:	Watershed:	Quadrangle:
47−049−02094	LINCOLN	DUNKARD MILL RUN	MANNINGTON 7.5'

	Run 1	Run 2	Run
Logging Date	8−May−2010		
Run Number	1		
Depth Driller	8006 ft		
Schlumberger Depth	7997 ft		
Bottom Log Interval	7972 ft		
Top Log Interval	2422 ft		
Casing Driller Size @ Depth	9.625 in @ 2421 ft	@	@
Casing Schlumberger	2422 ft		
Bit Size	8.750 in		
Type Fluid In Hole	3% KCL MUD		
MUD Density / Viscosity	8.48 lbm/gal / 40 s		
MUD Fluid Loss / PH	/		
MUD Source Of Sample	LATEROLOG		
RM @ Measured Temperature	0.217 ohm.m @ 103 degF	@	@
RMF @ Measured Temperature	0.163 ohm.m @ 103 degF	@	@
RMC @ Measured Temperature	0.325 ohm.m @ 103 degF	@	@
Source RMF / RMC	CALCULATED / CALCULATED		
RM @ MRT / RMF @ MRT	0.181 @ 125 / 0.136 @ 125	@ /	@
Maximum Recorded Temperatures	125 degF		
Circulation Stopped / Time			
Logger On Bottom / Time	8−May−2010 / 1:02		
Unit Number / Location	3125 / WESTON, WV		
Recorded By	MICHAEL WINTER		
Witnessed By	DAVE OLDHAM / DUSTY MCCLURE		

	Run 1	Run 2	Run
Logging Date			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth		@	
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			
MUD Density / Viscosity		/	
MUD Fluid Loss / PH		/	
MUD Source Of Sample			
RM @ Measured Temperature		@	
RMF @ Measured Temperature		@	
RMC @ Measured Temperature		@	
Source RMF / RMC		/	
RM @ MRT / RMF @ MRT	@	/ @	
Maximum Recorded Temperatures			
Circulation Stopped / Time			
Logger On Bottom / Time			
Unit Number / Location		/	
Recorded By			
Witnessed By			



DEPTH SUMMARY LISTING

Date Created: 8−MAY−2010 1:50:55

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW−B	Type:	CMTD−B/A	Type:	7−39P LXS
Serial Number:	6693	Serial Number:	1740	Serial Number:	708268
Calibration Date:	30−NOV−2009	Calibration Date:	21−APR−2010	Length:	17450 FT
Calibrator Serial Number:	33	Calibrator Serial Number:	78769		
Calibration Cable Type:	7−39P LXS	Number of Calibration Points:	10	Conveyance Method:	Wireline
Wheel Correction 1:	−7	Calibration RMS:	57	Rig Type:	LAND
Wheel Correction 2:	−4	Calibration Peak Error:	82		

Depth Control Parameters

Log Sequence: Subsequent Trip To the Well

Reference Log Name:

Reference Log Run Number:

Reference Log Date:

Subsequent Trip Down Log Correction: 2.50 FT

Depth Control Remarks

1. SCHLUMBERGER SUBSEQUENT TRIP DEPTH POLICY FOLLOWED
2. IDW WAS PRIMARY DEPTH CONTROL
3. Z−CHART WAS SECONDARY DEPTH CONTROL
4.
5.
6.

OTHER SERVICES1	OTHER SERVICES2
OS1: TLD	OS1:
OS2: CNL	OS2:
OS3: BHC	OS3:
OS4: ECS	OS4:
OS5:	OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
PRESENTATIONS AS PER CLIENT REQUEST	
TOOLS RUN AS PER TOOL SKETCH	
ALL SCHLUMBERGER DEPTH CONTROL POLICIES FOLLOWED	
MATRIX = LIMESTONE	
MATRIX DENSITY = 2.71 G/CC	

MUD RESISTIVITY WAS TAKEN FROM LATEROLOG BECAUSE
WELL WAS BOTTOM LOAD

RUN WAS SPLICED AT 6750 FEET WITH RUN FROM 6−MAY−2010

THANK YOU FOR CHOOSING SCHLUMBERGER WIRELINE!
YOUR CREW TODAY: MARK IRELAND & BLAINE DOUGLAS

RUN 1		RUN 2	
SERVICE ORDER #:	BEUA−00006	SERVICE ORDER #:	
PROGRAM VERSION:	17C0−154	PROGRAM VERSION:	
FLUID LEVEL:	1100 ft	FLUID LEVEL:	

LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

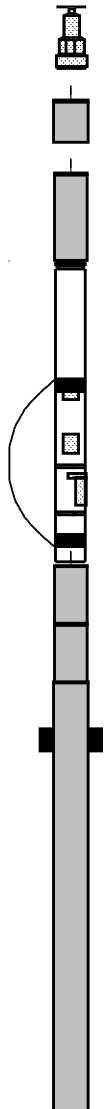
EQUIPMENT DESCRIPTION

RUN 1 RUN 2

SURFACE EQUIPMENT

GSR−U/Y 1156
NCT−B
CNB−AB
NCS−VB
WITM (DTS)−A

DOWNHOLE EQUIPMENT



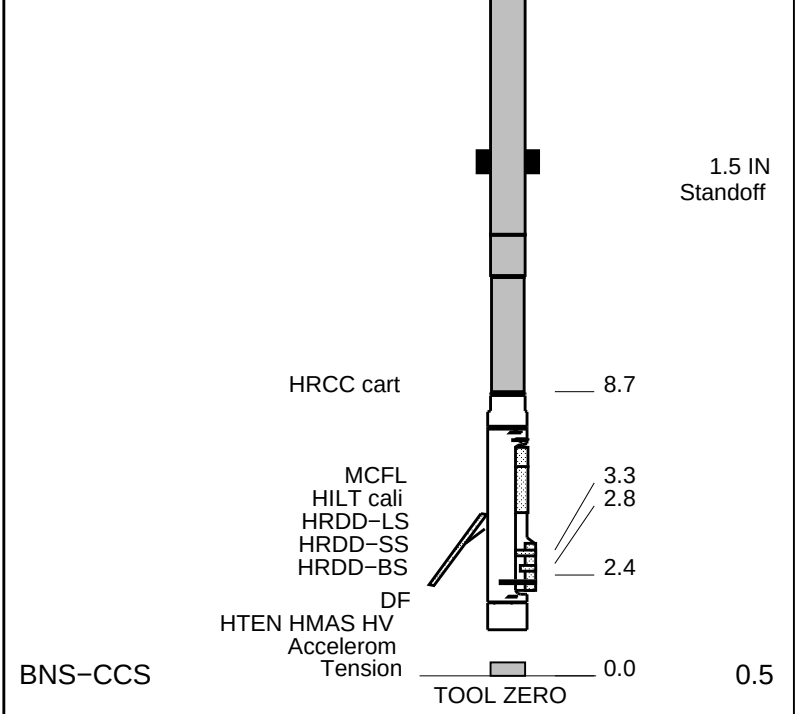
LEH−Q 56.9
LEH−Q

AH−369 54.7
AH−369

DTC−H 53.3
ECH−KC
DTCH0−A
DTCH1−A

HILTH−FTB 50.3
HGNSD−H 4951
HMCA−H
HGNH 4803
NLS−KL
NSR−F 5242
HACCZ−H 7648
HCNT−H
HGR
AH−107
AH−107
HRLT−B 785
DUMMY−A
AH−270
HRCC−H 4945
HRMS−H 4940
HRGD−H 5751
GLS−VJ 5436
MCFL Device−H
HILT Nucl. LS−H 10523
HILT Nucl. SS−H 42377
HILT Nucl. BS−H 41320
BOW−SPR
NPV−N

1.5 IN
Standoff



MAXIMUM STRING DIAMETER 6.63 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

Schlumberger

Main Pass
2 Inch / 100 Feet

MAXIS Field Log

Company: STONE ENERGY **Well: POTOCZNY UNIT A 1−H**

Input DLIS Files

DEFAULT	**MERGE_TLD_MCFL_CNL_018GUP**	**FN:1**	**PRODUCER**	**08−May−2010 06:12**	**8011.5 FT**	**21.0 FT**

Output DLIS Files

DEFAULT	**TLD_MCFL_CNL_019PUP**	**FN:14**	**PRODUCER**	**08−May−2010 06:14**	**8011.5 FT**	**21.5 FT**

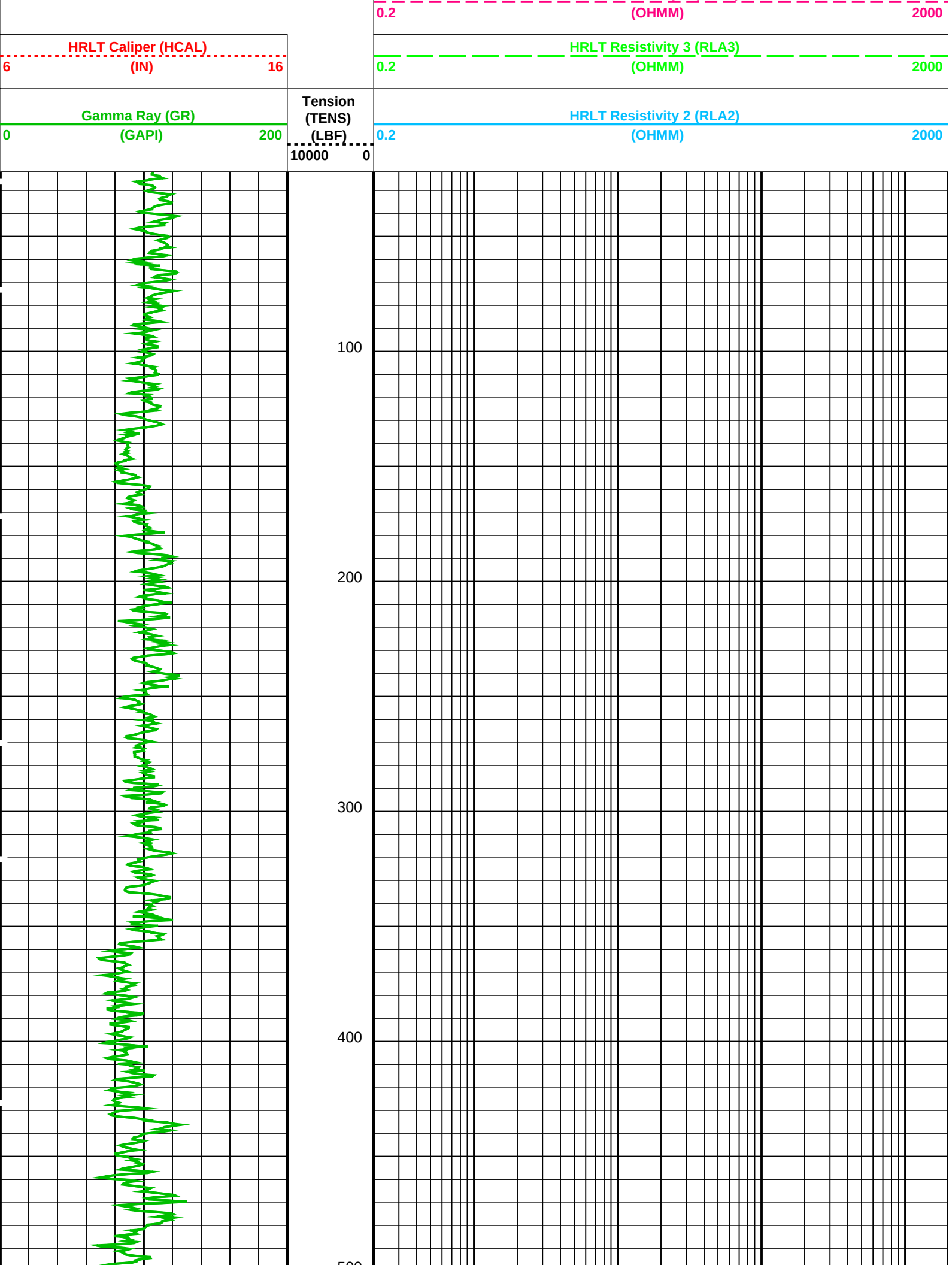
OP System Version: 17C0−154

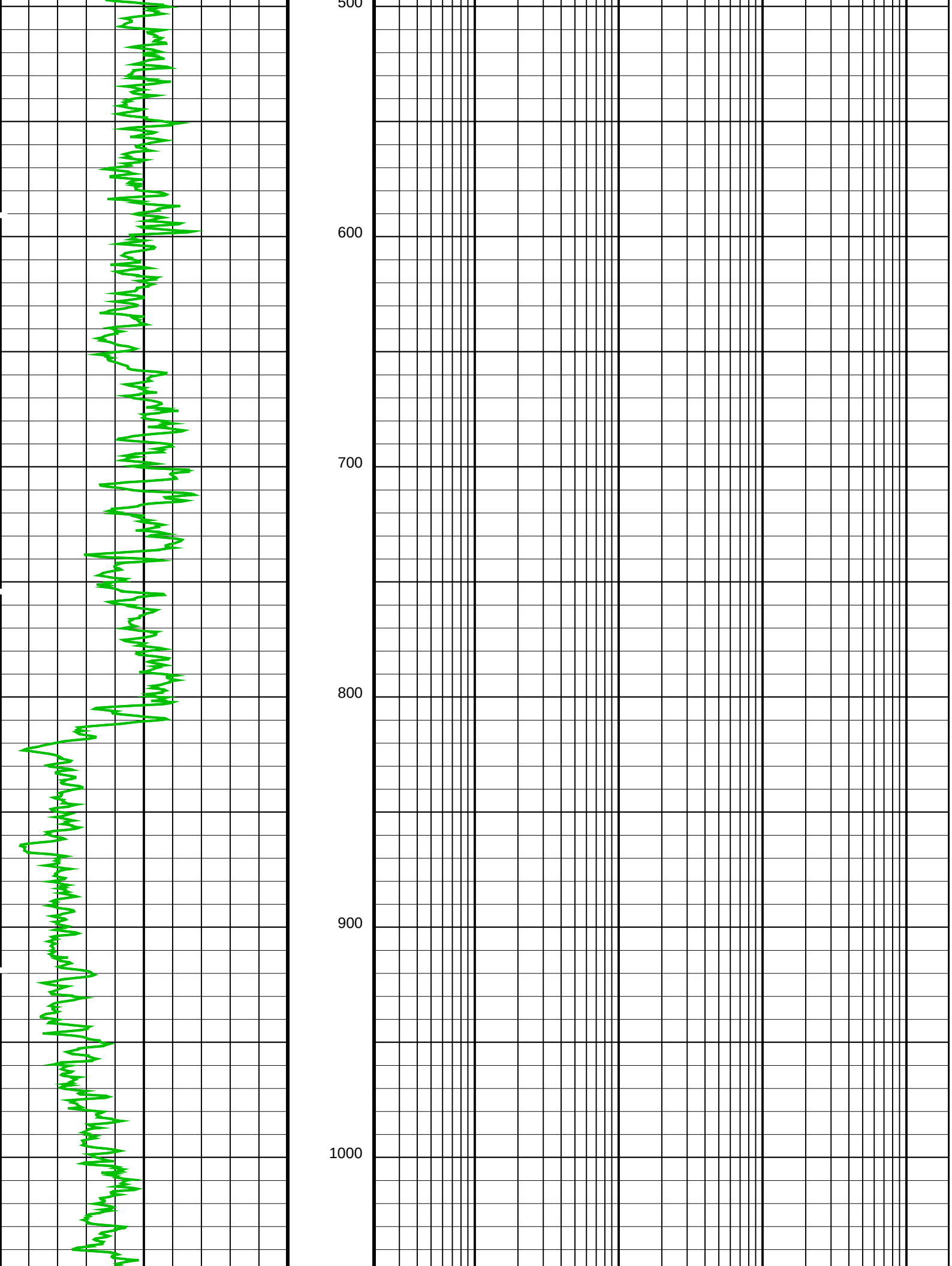
HILTH−FTB	**17C0−154**	**DTC−H**	**17C0−154**

PIP SUMMARY

Time Mark Every 60 S

	HRLT Mud Resistivity (RM_HRLT)	
0.002	**(OHMM)**	**20**
	Rxo Resistivity (RXOZ)	
0.2	**(OHMM)**	**2000**
	HRLT Resistivity 5 (RLA5)	
0.2	**(OHMM)**	**2000**
	HRLT Resistivity 4 (RLA4)	


0.2
(OHMM)
2000
HRLT Caliper (HCAL)
6
(IN)
16
HRLT Resistivity 3 (RLA3)
0.2
(OHMM)
2000
Gamma Ray (GR)
0
(GAPI)
200
Tension
(TENS)
(LBF)
10000
0
HRLT Resistivity 2 (RLA2)
0.2
(OHMM)
2000
100
200
300
400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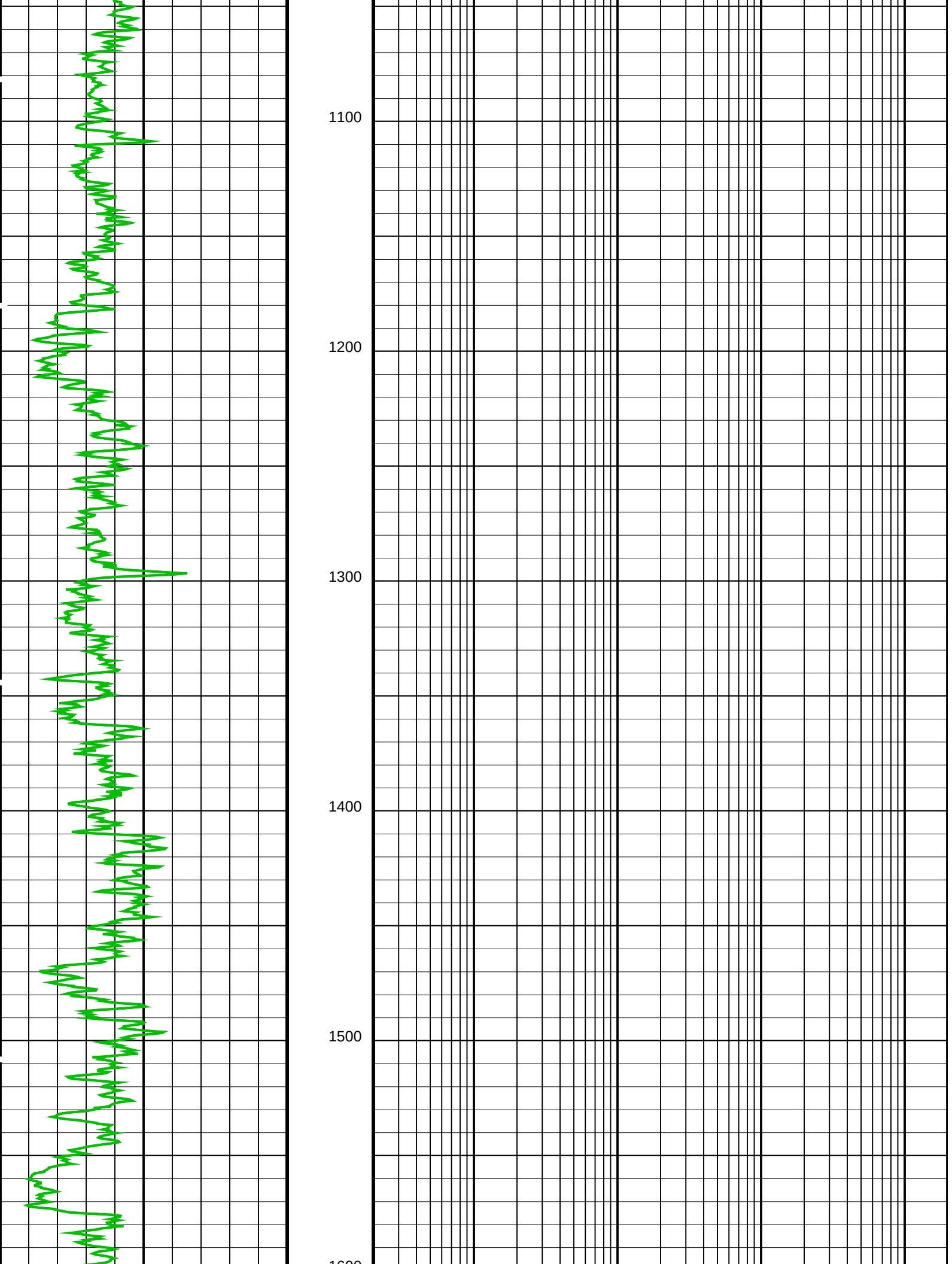
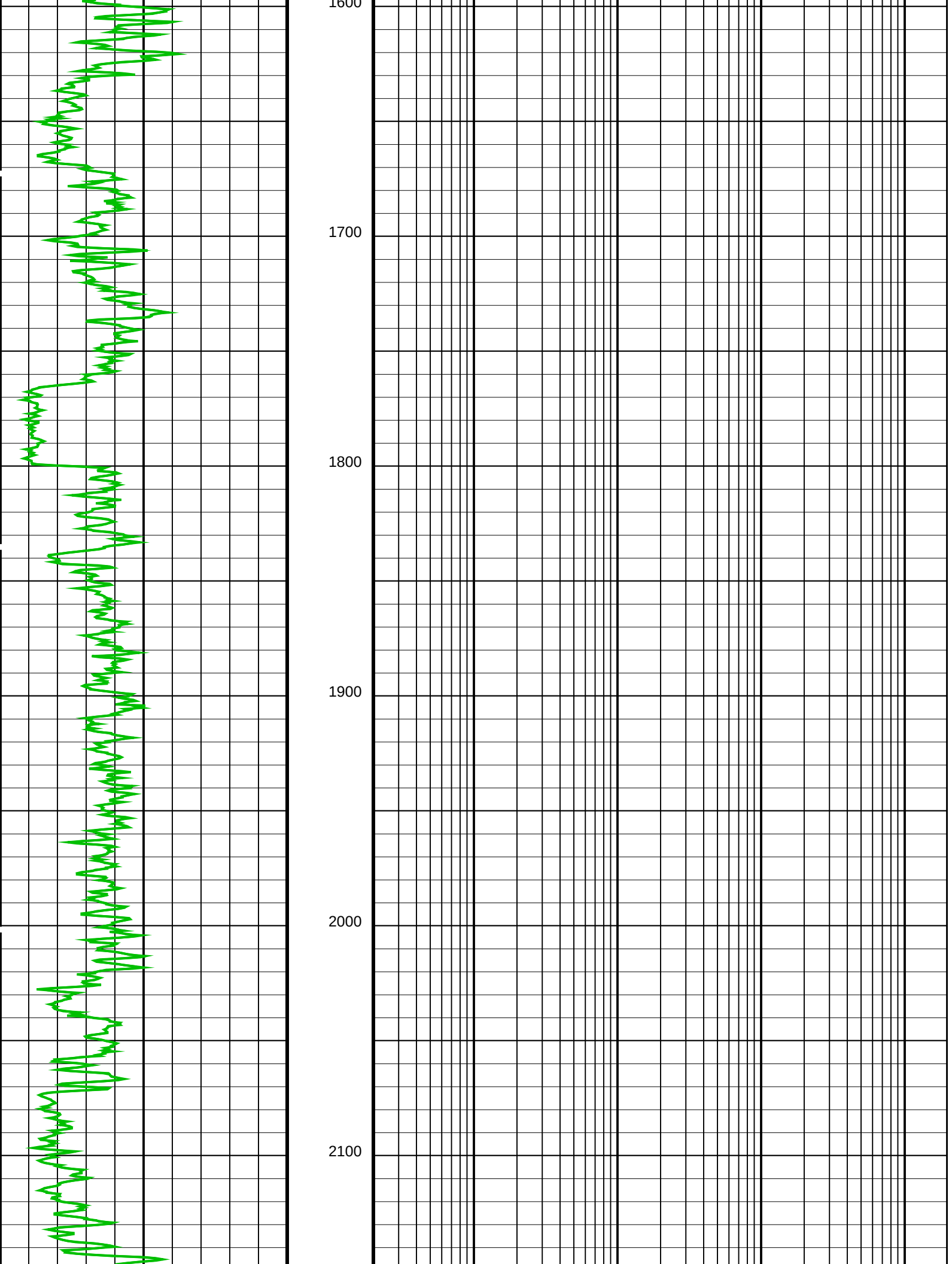
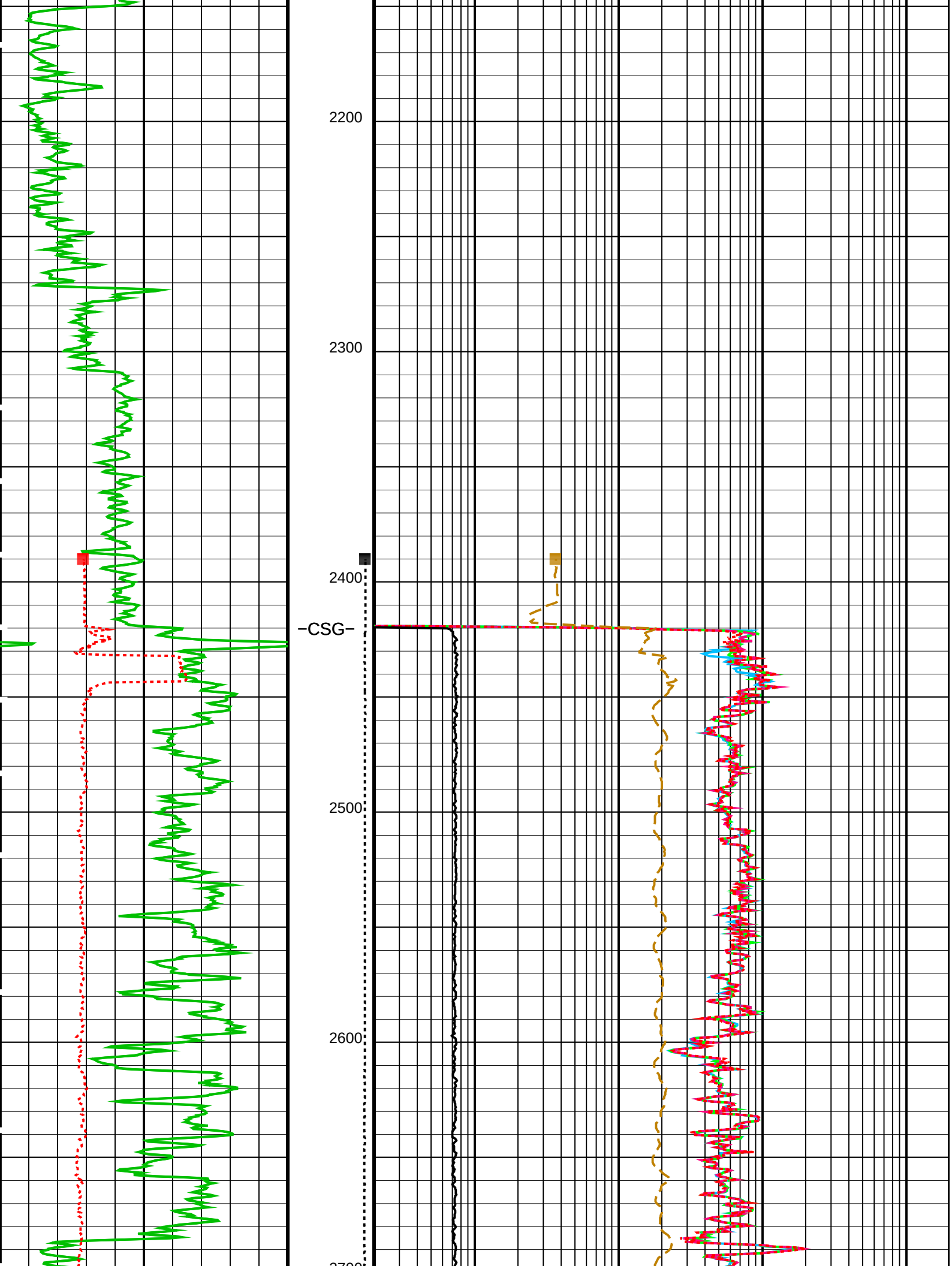
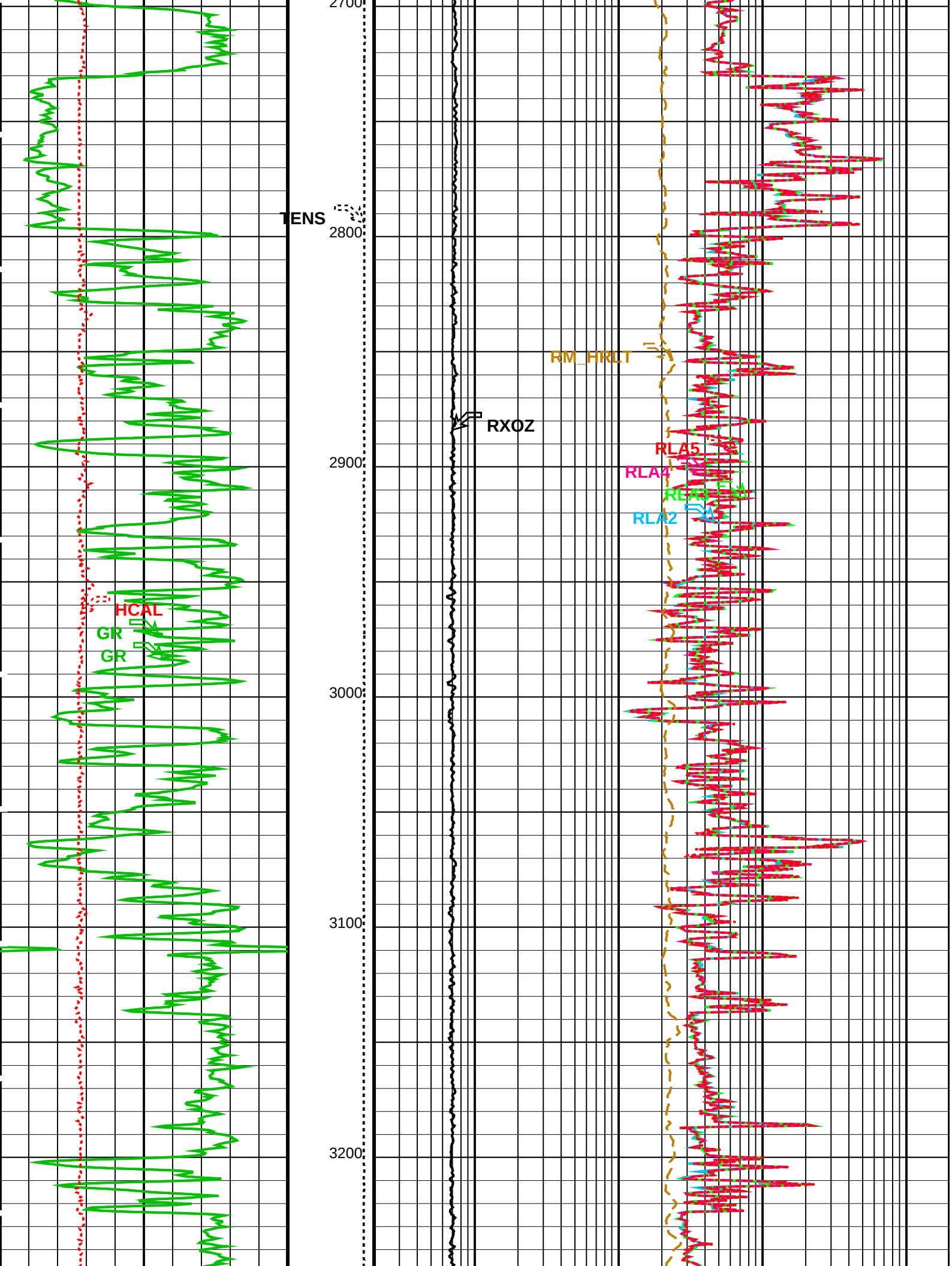
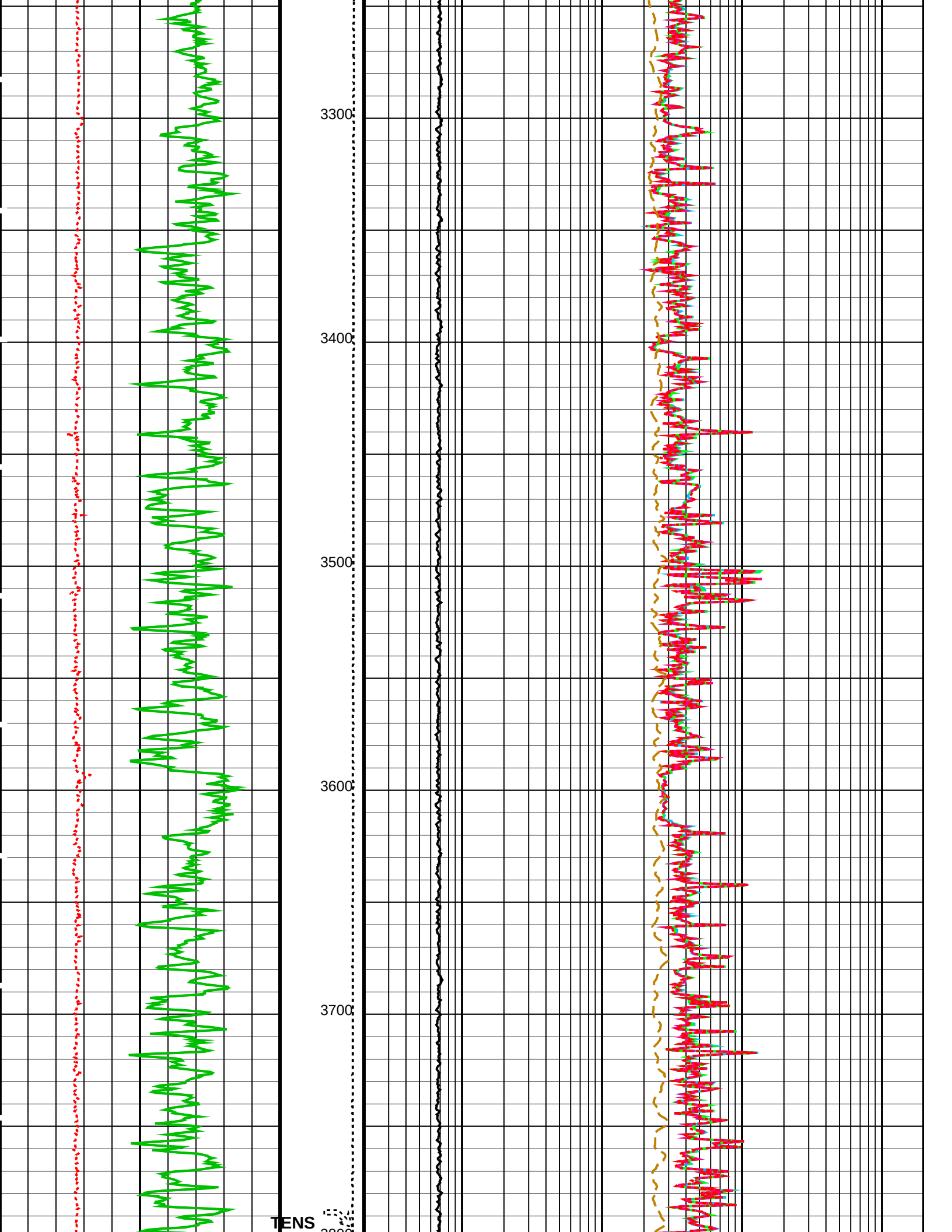
600
700
800
900
1000

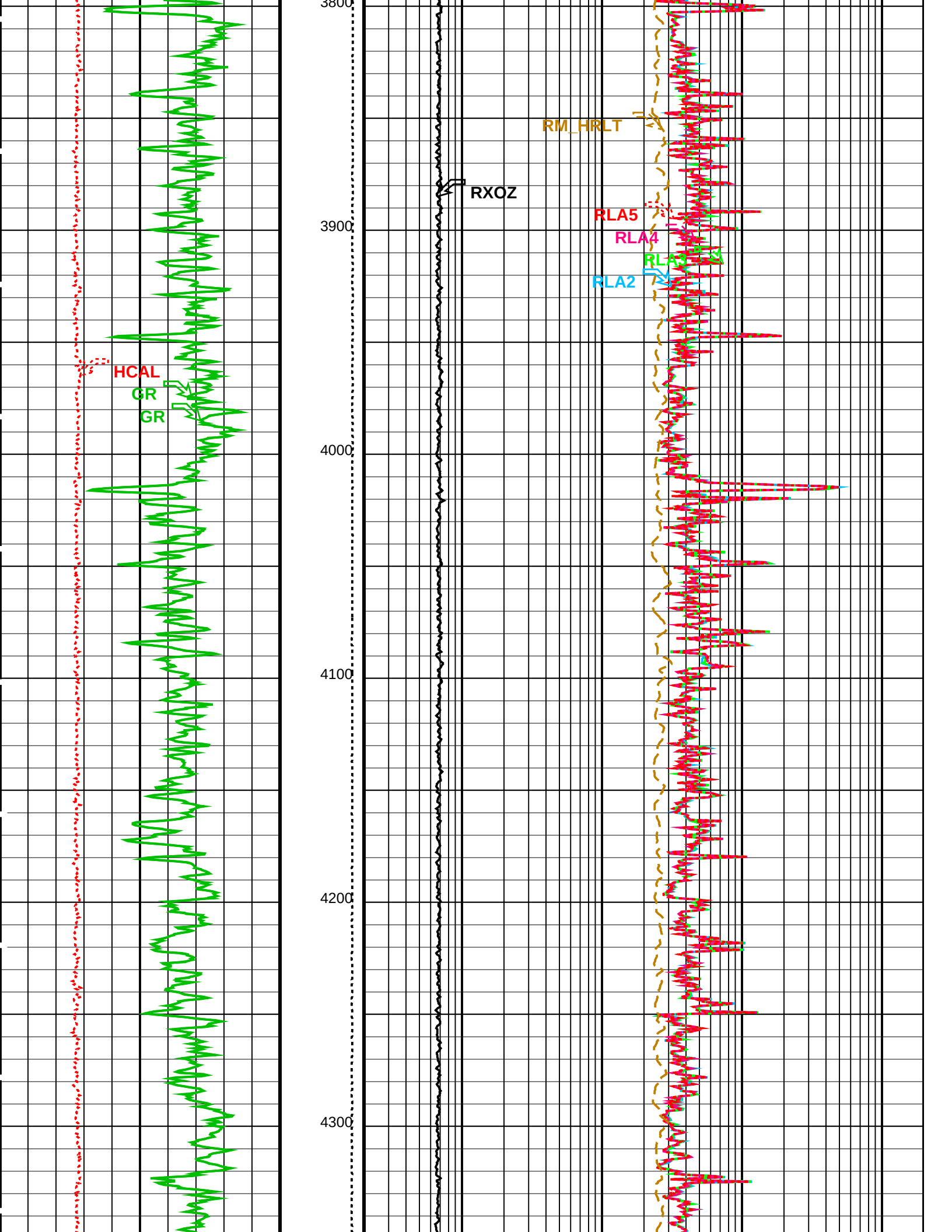

1100
1200
1300
1400
1500

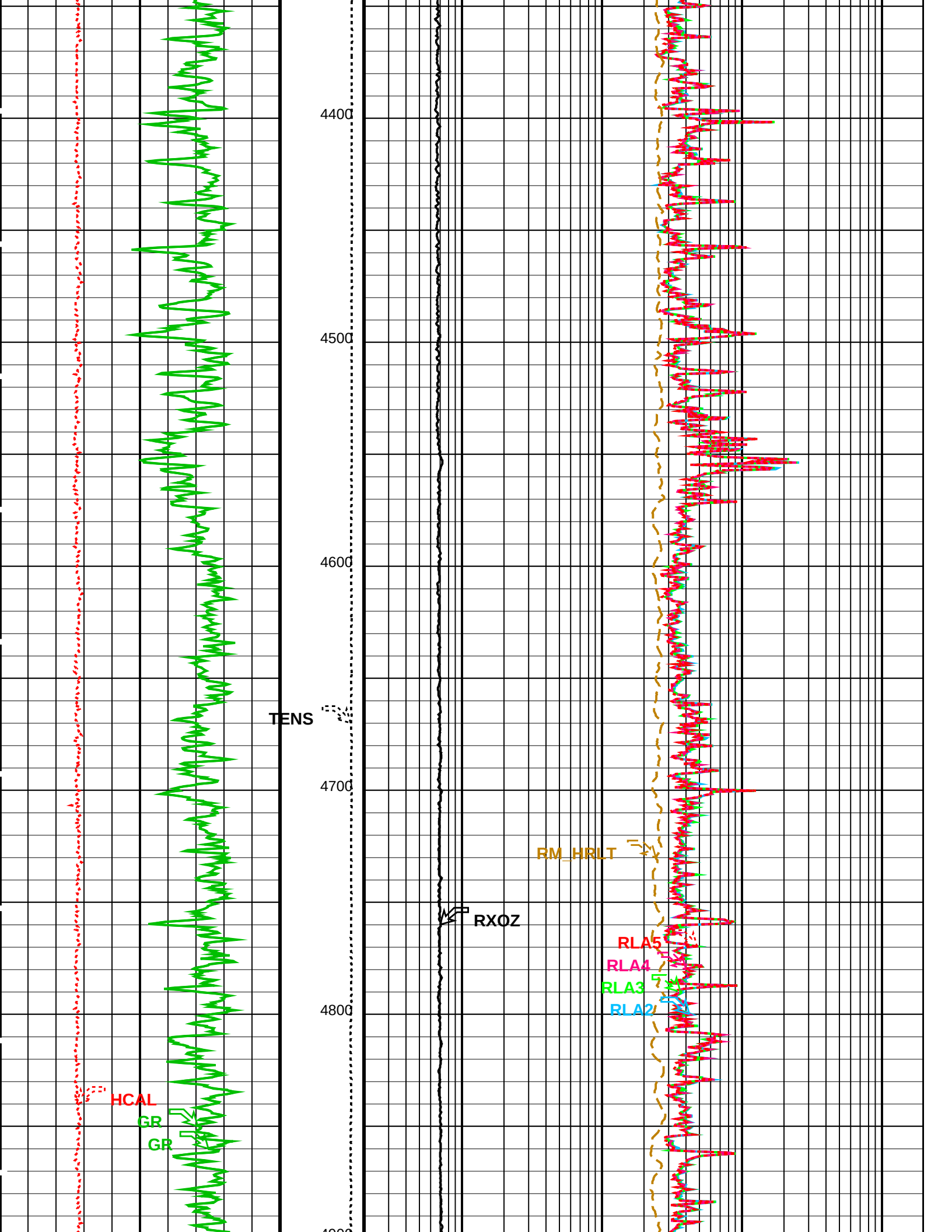

1600
1700
1800
1900
2000
2100

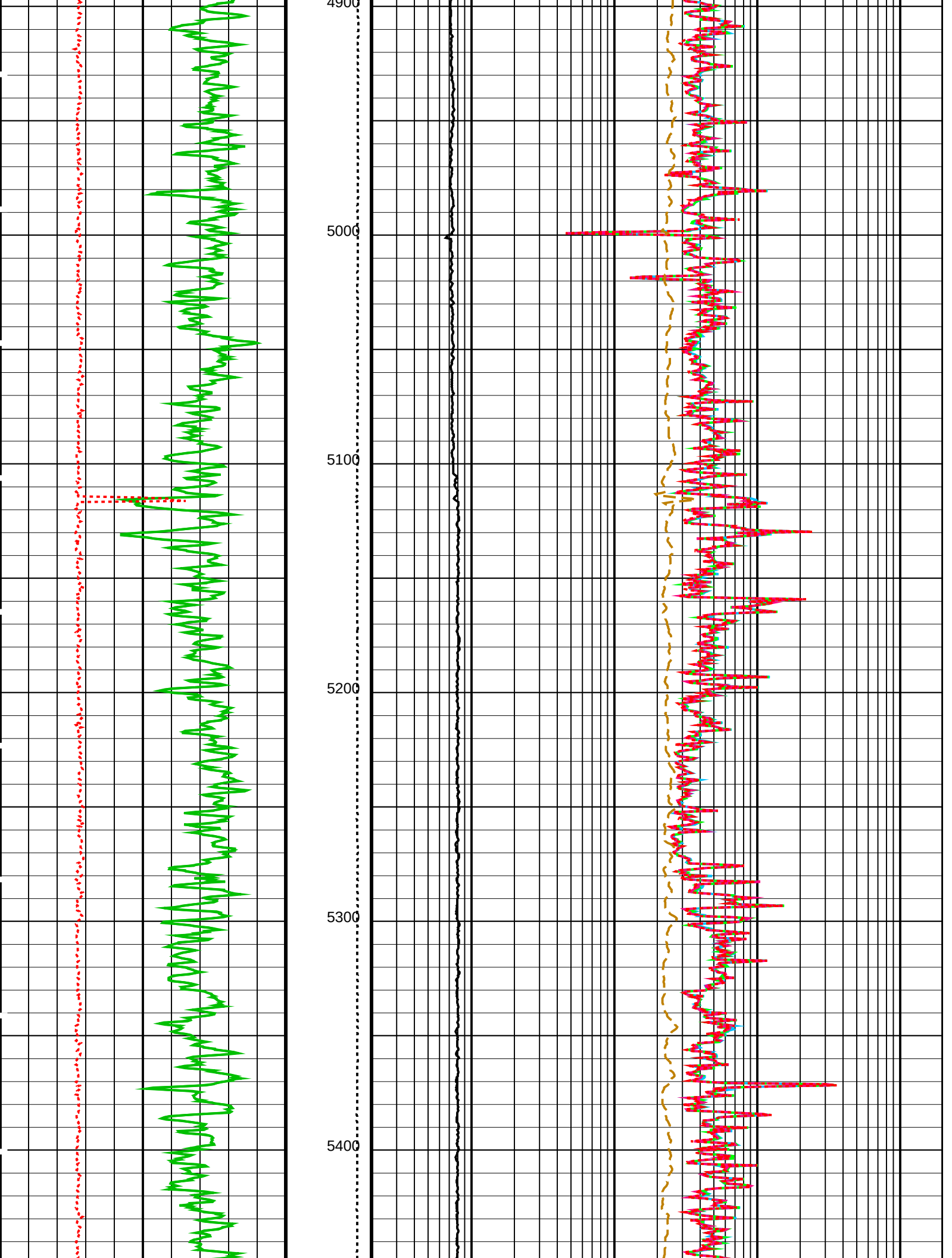

2200
2300
2400
−CSG−
2500
2600


2700
TENS
2800
RM_HRLT
RXOZ
RLA5
RLA4
RLA3
RLA2
2900
HCAL
GR
GR
3000
3100
3200


3300
3400
3500
3600
3700
TENS


HCAL
GR
GR
RXOZ
RM_HRLT
RLA5
RLA4
RLA3
RLA2
3800
3900
4000
4100
4200
4300


4400
4500
4600
TENS
4700
RM_HRLT
RXOZ
RLA5
RLA4
RLA3
RLA2
4800
HCAL
GR
GR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5100
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5300
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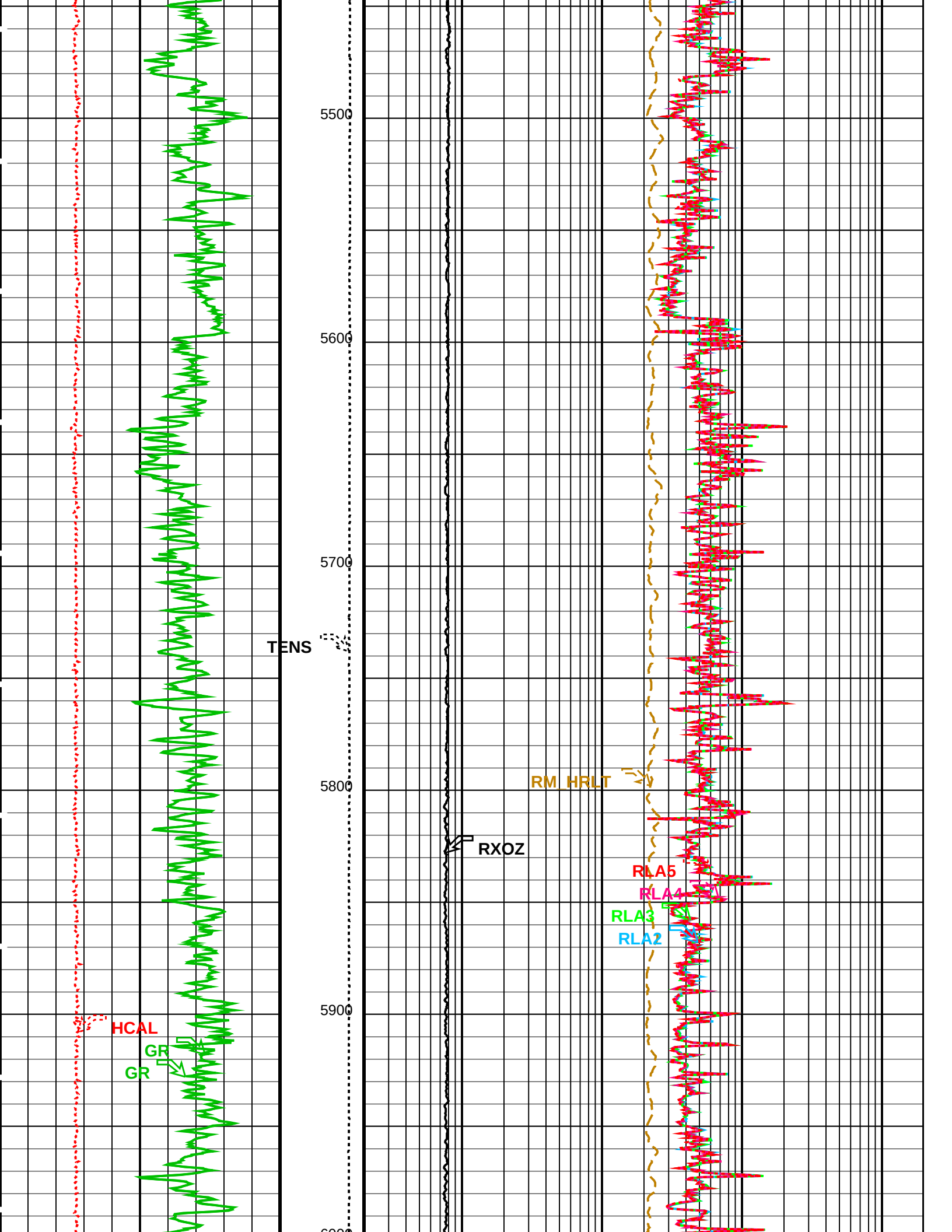
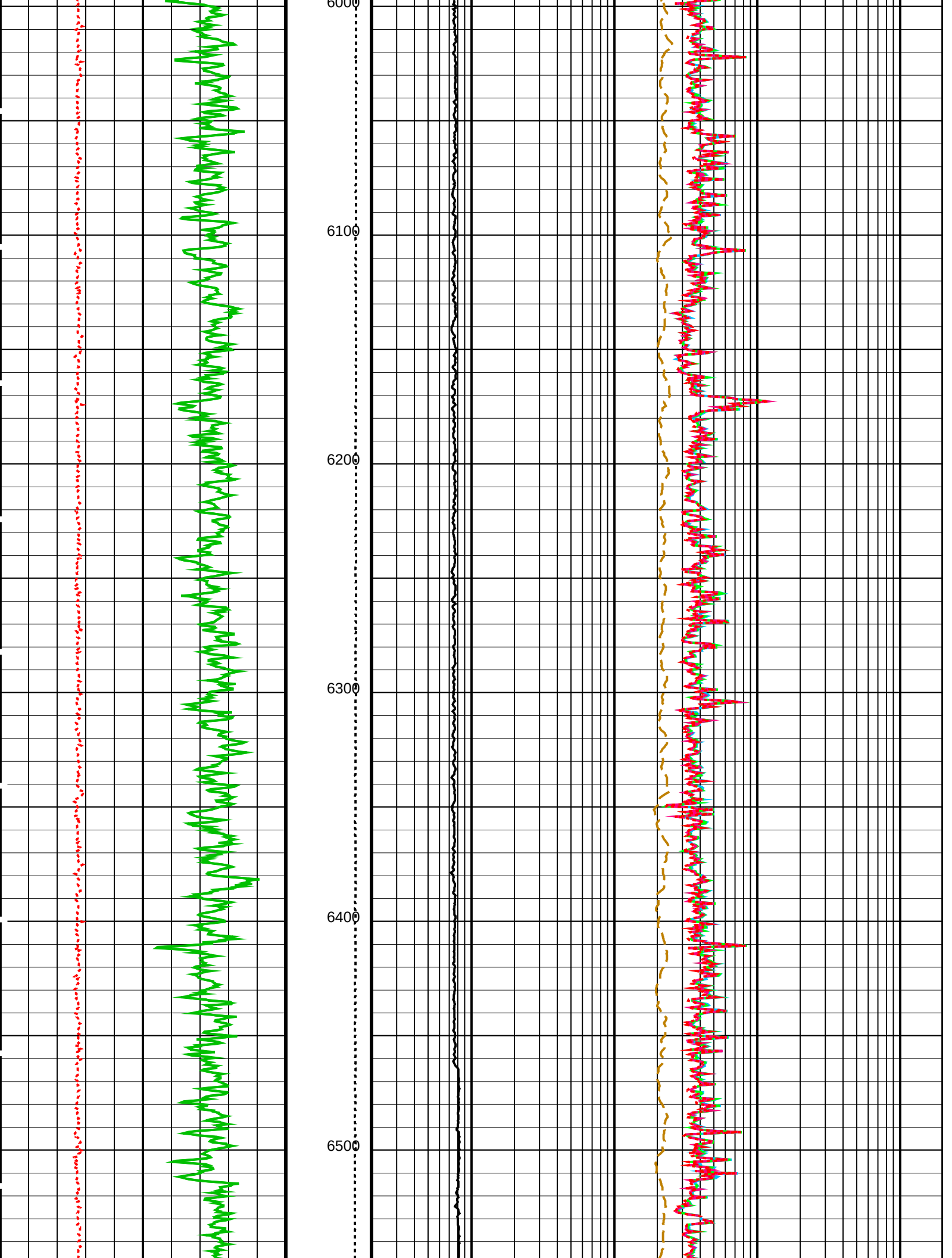

5500
5600
5700
5800
5900
TENS
RXOZ
RM_HRLT
RLA5
RLA4
RLA3
RLA2
HCAL
GR
GR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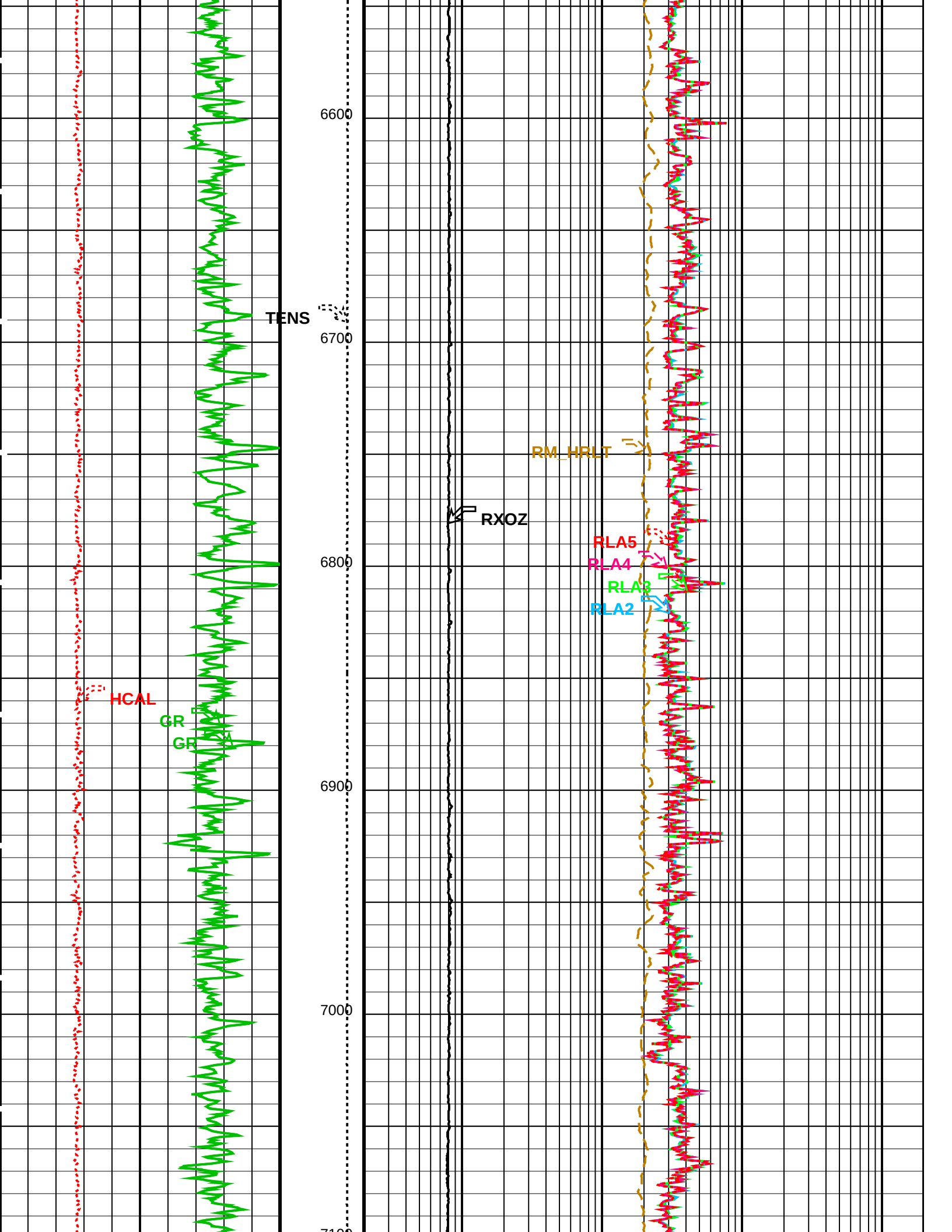
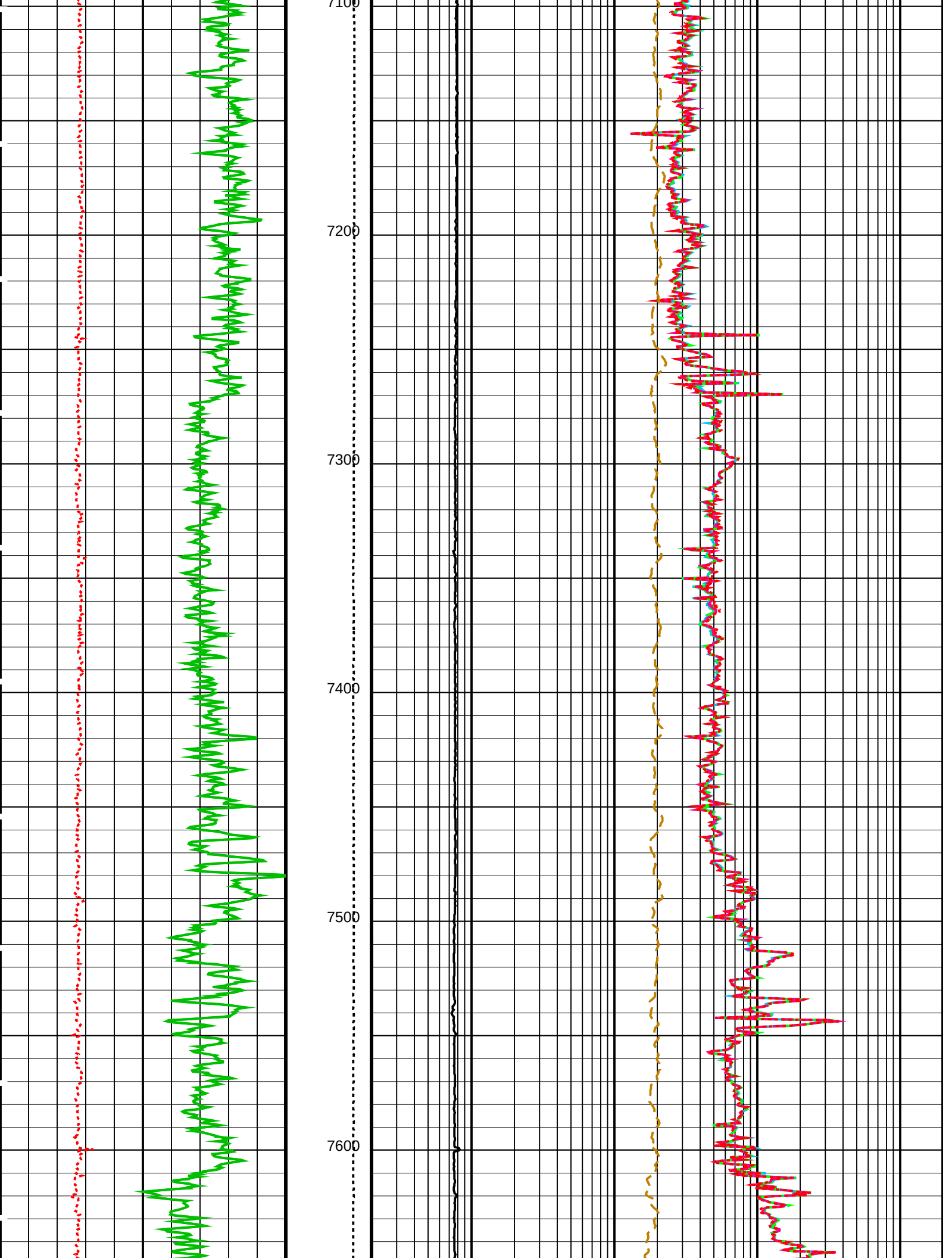
6200
6300
6400
6500


6600
6700
6800
6900
7000
TENS
RM_HRLT
RXOZ
RLA5
RLA4
RLA3
RLA2
HCAL
GR
GR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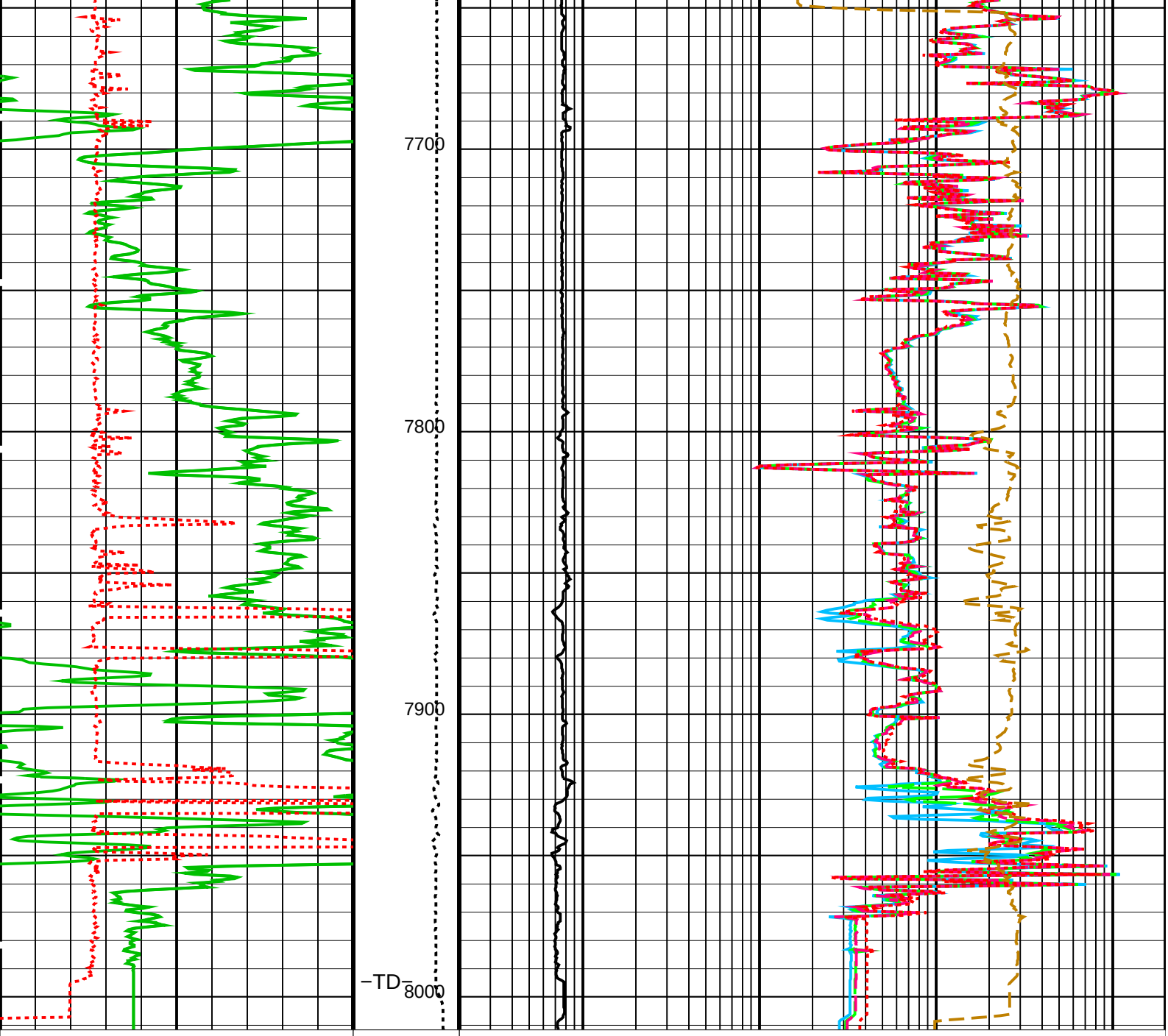
7200
7300
7400
7500
7600



Gamma Ray (GR)
0 (GAPI) 200

HRLT Caliper (HCAL)
6 (IN) 16

Tension (TENS) (LBF)
10000 0

HRLT Resistivity 2 (RLA2)
0.2 (OHMM) 2000

HRLT Resistivity 3 (RLA3)
0.2 (OHMM) 2000

HRLT Resistivity 4 (RLA4)
0.2 (OHMM) 2000

HRLT Resistivity 5 (RLA5)
0.2 (OHMM) 2000

Rxo Resistivity (RXOZ)
0.2 (OHMM) 2000

HRLT Mud Resistivity (RM_HRLT)
0.002 (OHMM) 20

PIP SUMMARY

Time Mark Every 60 S

Parameters

Parameters

DLIS Name	Description	Value	
	HILTH−FTB: High resolution Integrated Logging Tool−DTS		
BHT	Bottom Hole Temperature (used in calculations)	125	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
MPOF	MCFL Processing Operation Mode	ON	
PROCINV	Inversion Selection	ON	
PROCMFL	Inversion Micro−Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	1.5	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSPO	Sonde Position	Eccentered	
SHT	Surface Hole Temperature	68	DEGF
	HOLEV: Integrated Hole/Cement Volume		
BHT	Bottom Hole Temperature (used in calculations)	125	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
	System and Miscellaneous		
BS	Bit Size	8.750	IN
DO	Depth Offset for Playback	0.0	FT
MST	Mud Sample Temperature	103.00	DEGF
PP	Playback Processing	NORMAL	
TD	Total Depth	7997	FT

Format: HRLT_MAIN_2 Vertical Scale: 2" per 100’ Graphics File Created: 08−May−2010 06:14

OP System Version: 17C0−154

HILTH−FTB	17C0−154	DTC−H	17C0−154

Input DLIS Files

DEFAULT	MERGE_TLD_MCFL_CNL_018GUP	FN:1	PRODUCER	08−May−2010 06:12	8011.5 FT	21.0 FT

Output DLIS Files

DEFAULT	TLD_MCFL_CNL_019PUP	FN:14	PRODUCER	08−May−2010 06:14		

Schlumberger

Main Pass
5 Inch / 100 Feet

MAXIS Field Log

Company: STONE ENERGY Well: POTOCZNY UNIT A 1−H

Input DLIS Files

DEFAULT	MERGE_TLD_MCFL_CNL_018GUP	FN:1	PRODUCER	08−May−2010 06:12	8011.5 FT	21.0 FT

Output DLIS Files

DEFAULT	TLD_MCFL_CNL_019PUP	FN:14	PRODUCER	08−May−2010 06:14	8011.5 FT	21.5 FT

OP System Version: 17C0−154

HILTH−FTB	17C0−154	DTC−H	17C0−154

PIP SUMMARY

Time Mark Every 60 S

HRLT Mud Resistivity (RM_HRLT)
0.002 (OHMM) 20

Rxo Resistivity (RXOZ)
0.2 (OHMM) 2000

HRLT Resistivity 5 (RLA5)
0.2 (OHMM) 2000

HRLT Resistivity 4 (RLA4)
0.2 (OHMM) 2000

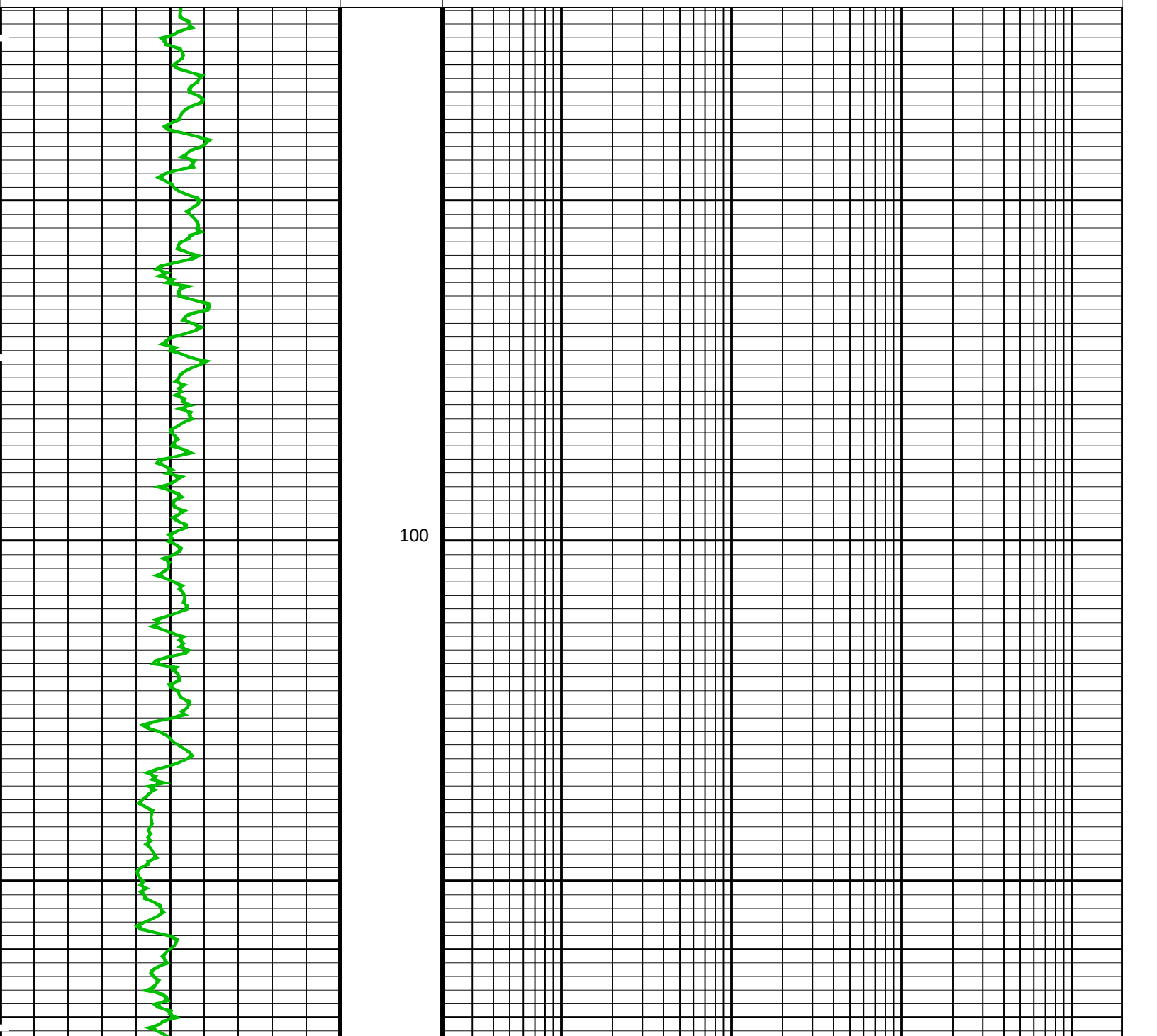
HRLT Caliper (HCAL)
6 (IN) 16

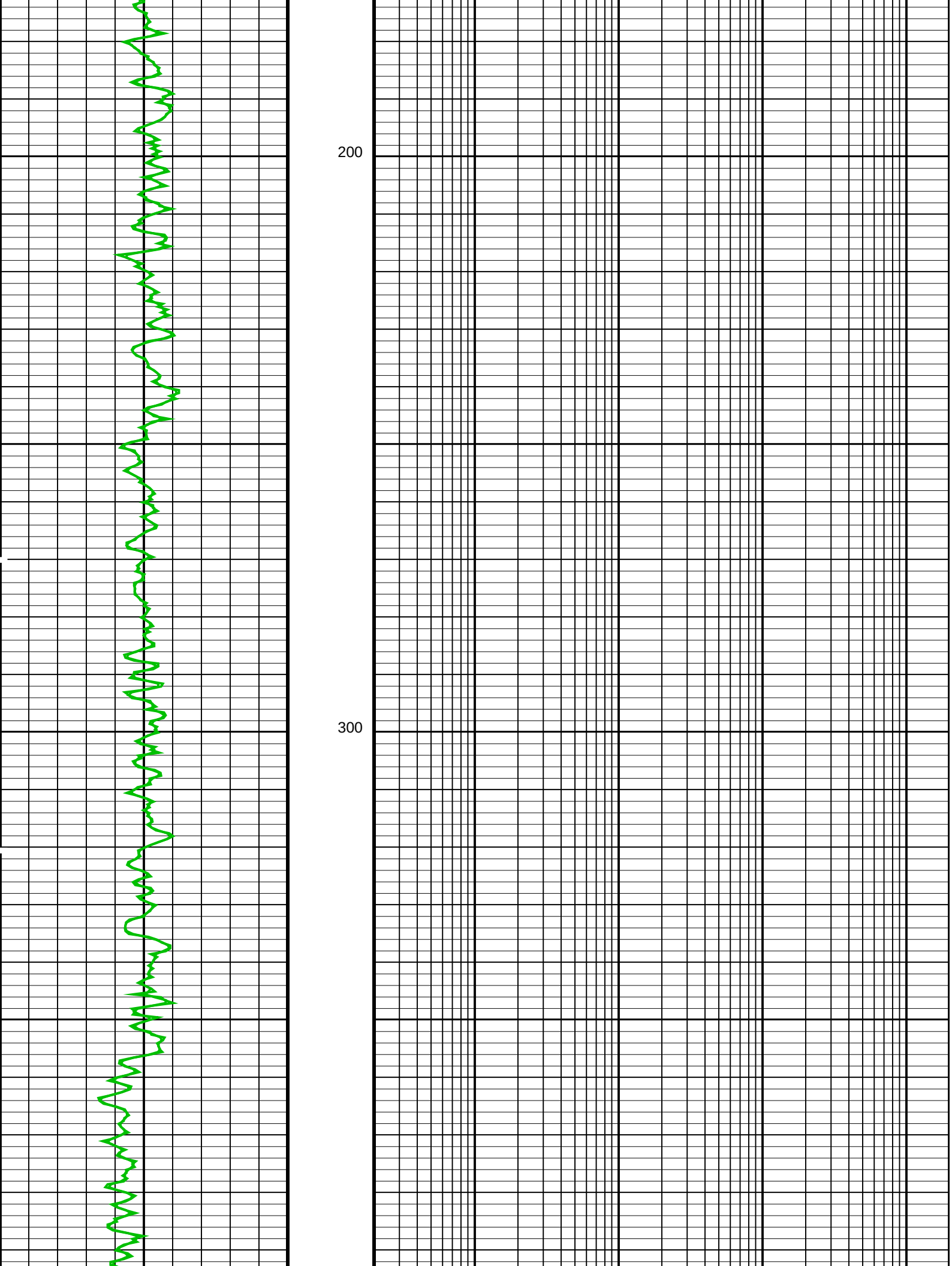
HRLT Resistivity 3 (RLA3)
0.2 (OHMM) 2000

Gamma Ray (GR)
0 (GAPI) 200

Tension (TENS) (LBF)
10000 0

HRLT Resistivity 2 (RLA2)
0.2 (OHMM) 2000

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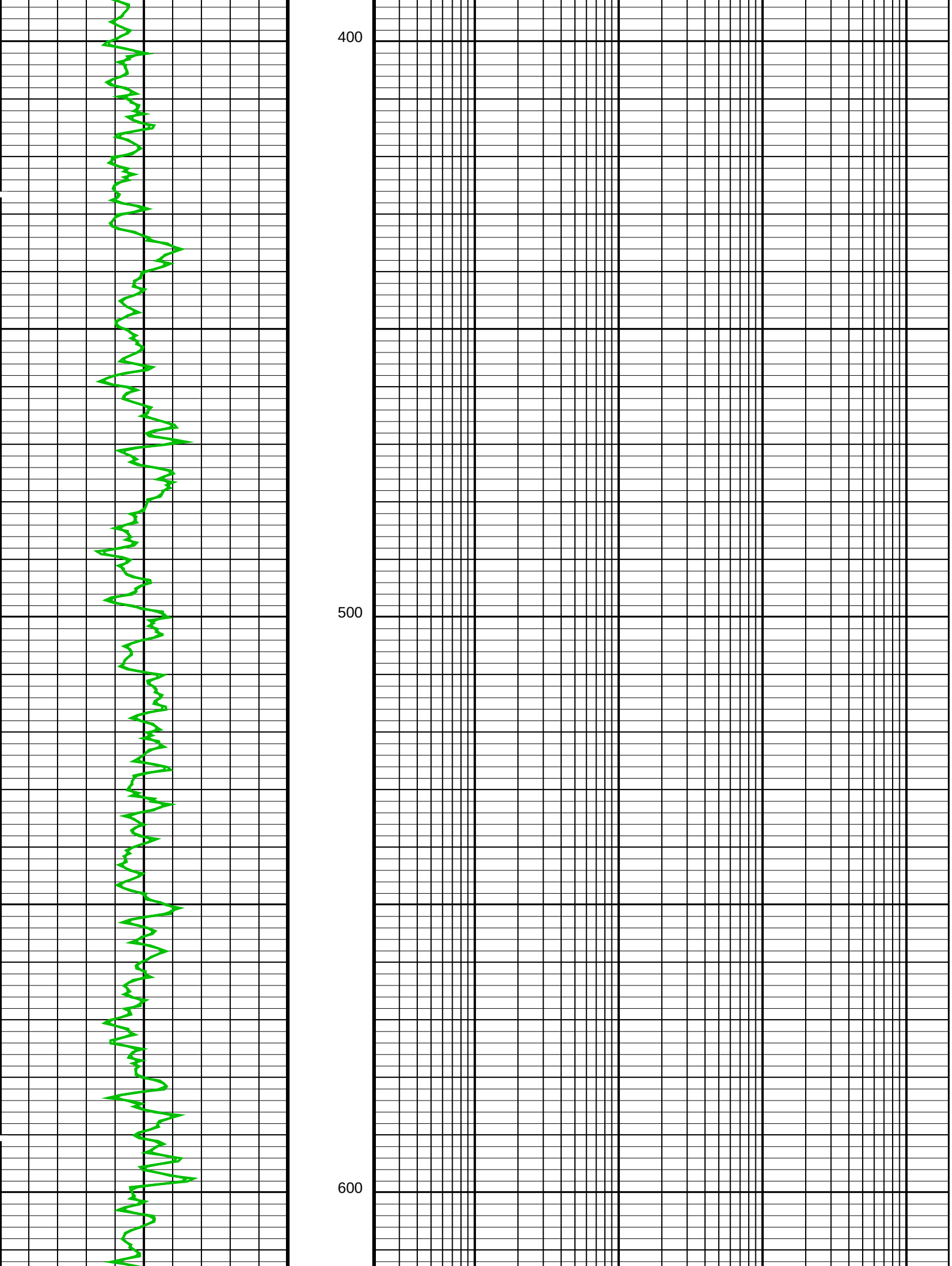
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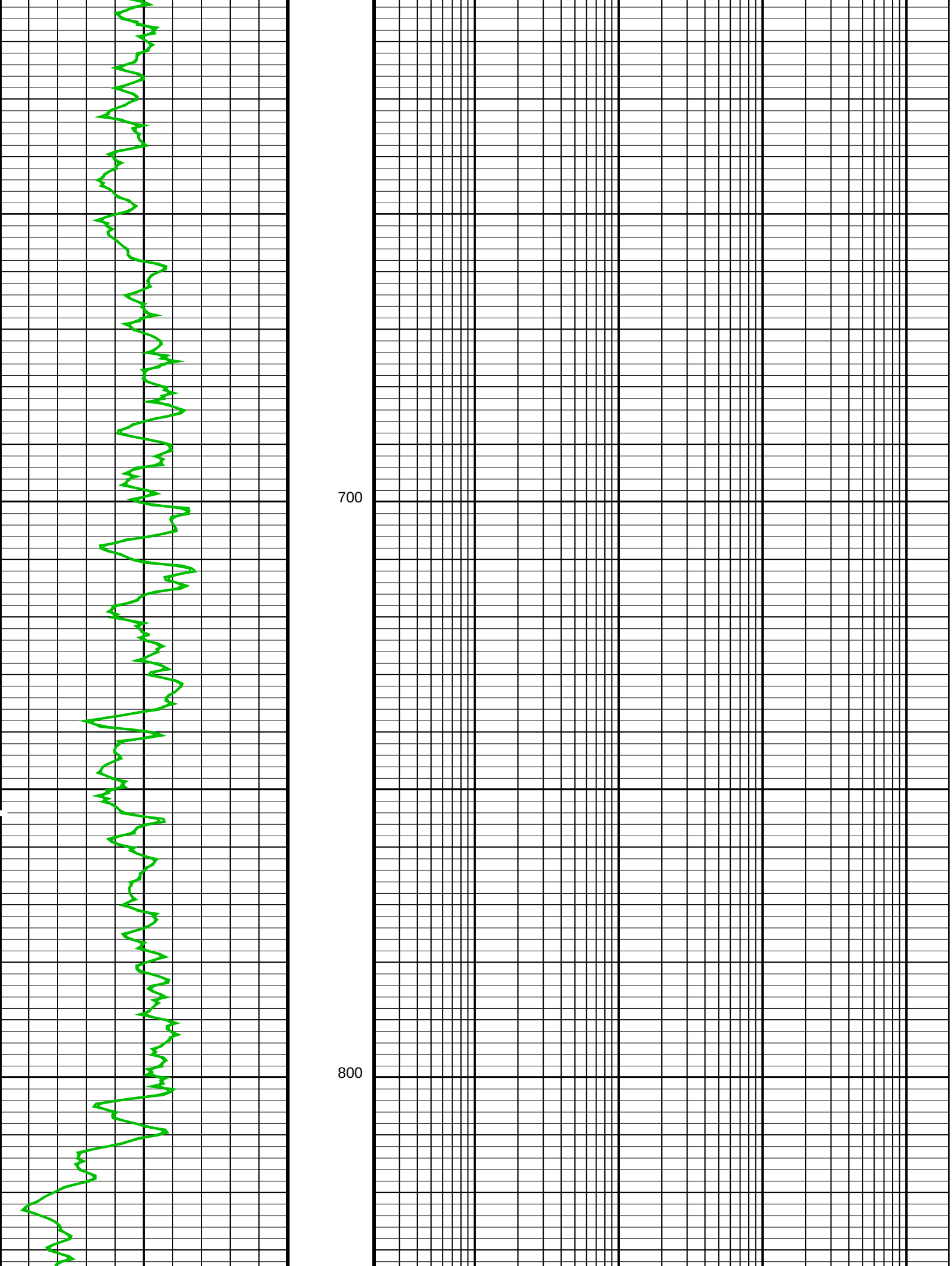
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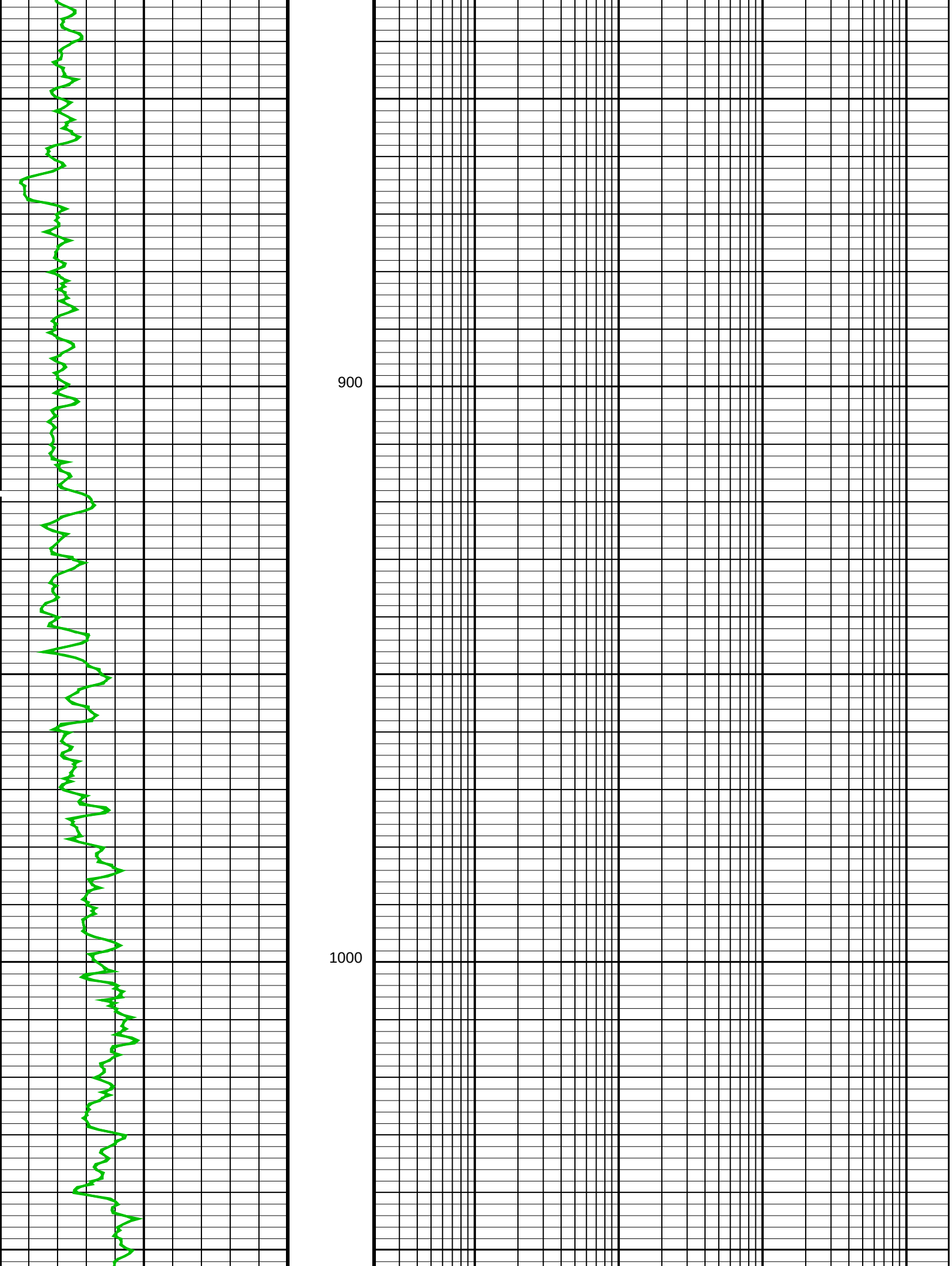
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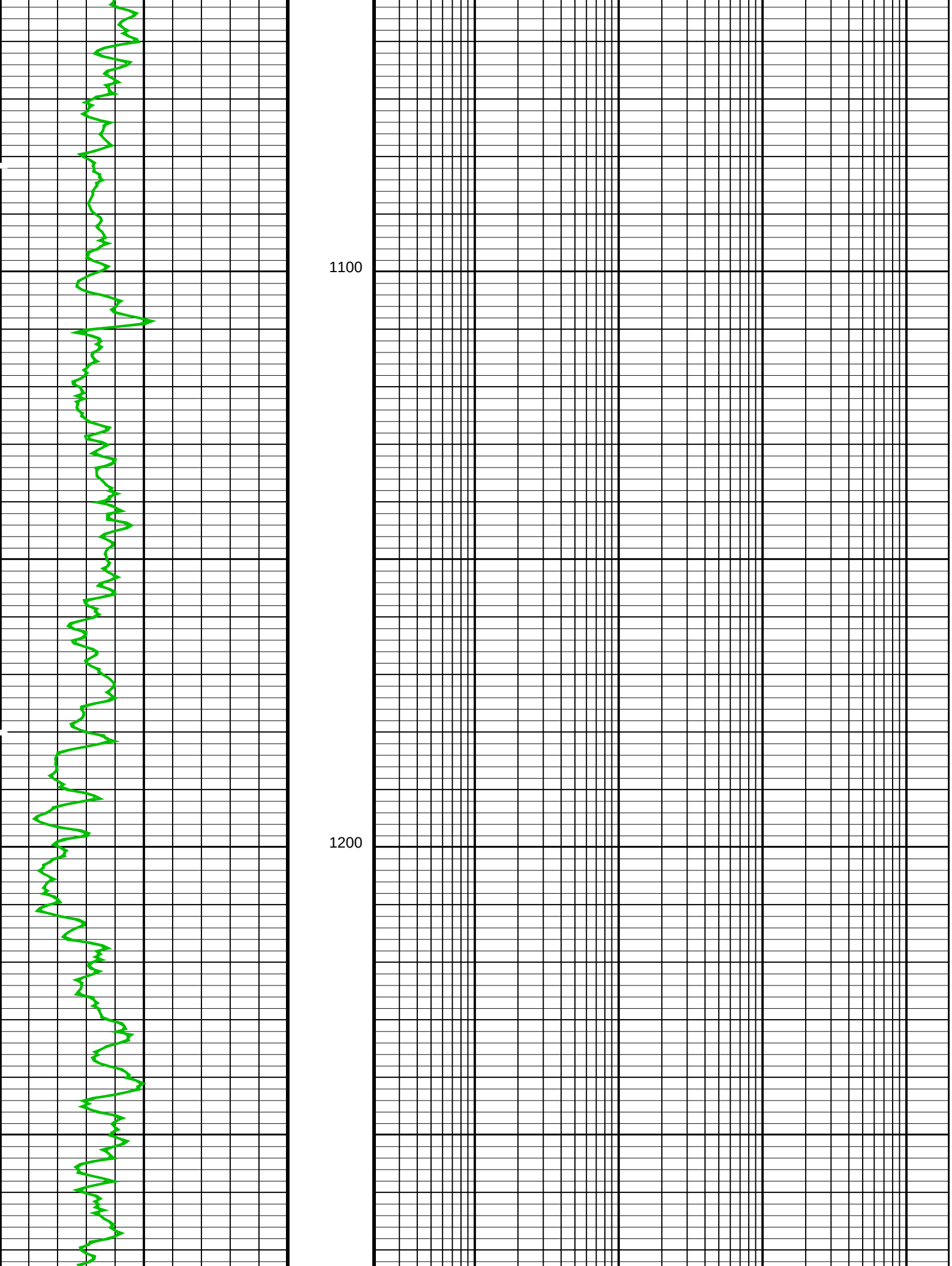
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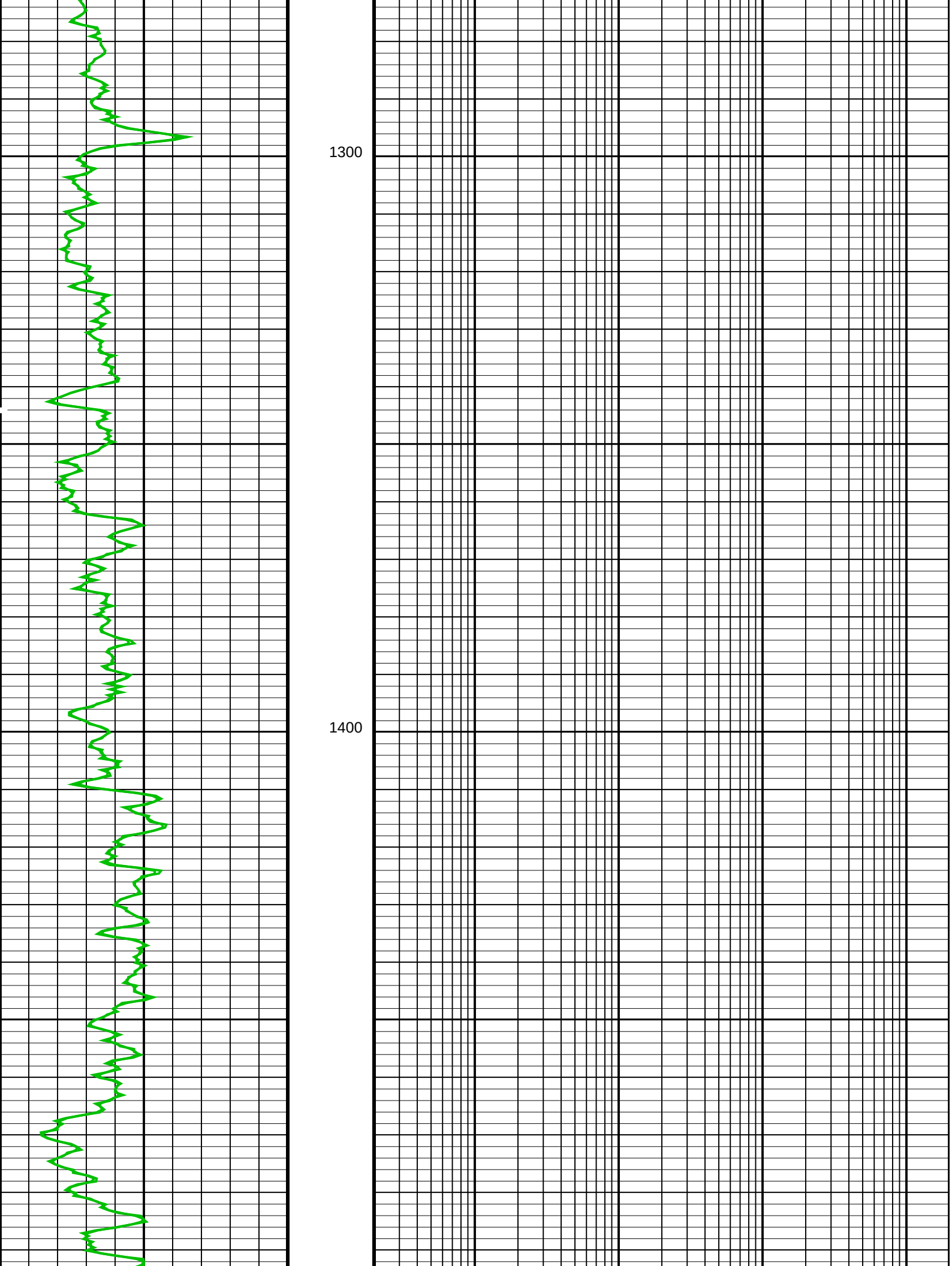
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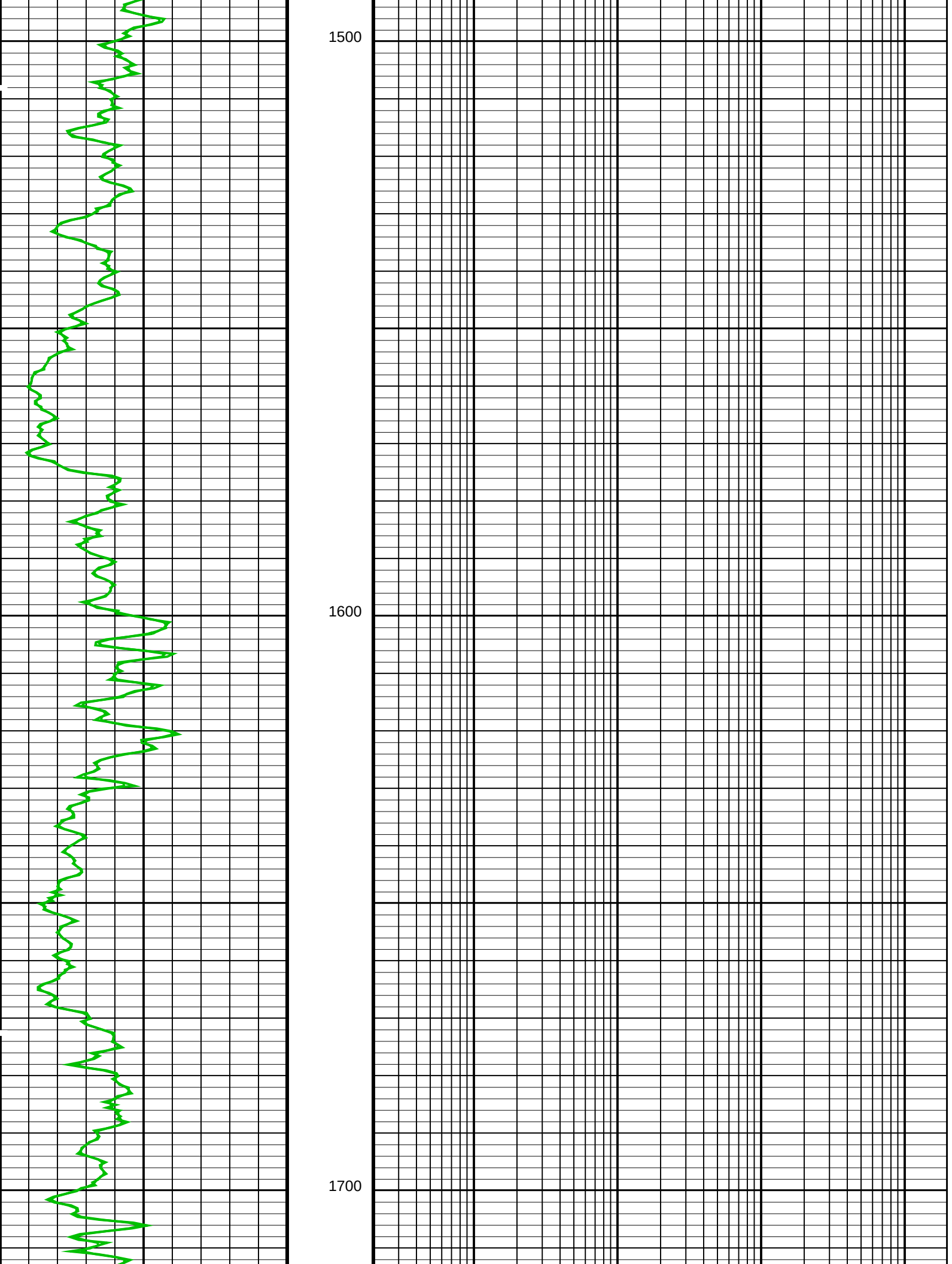
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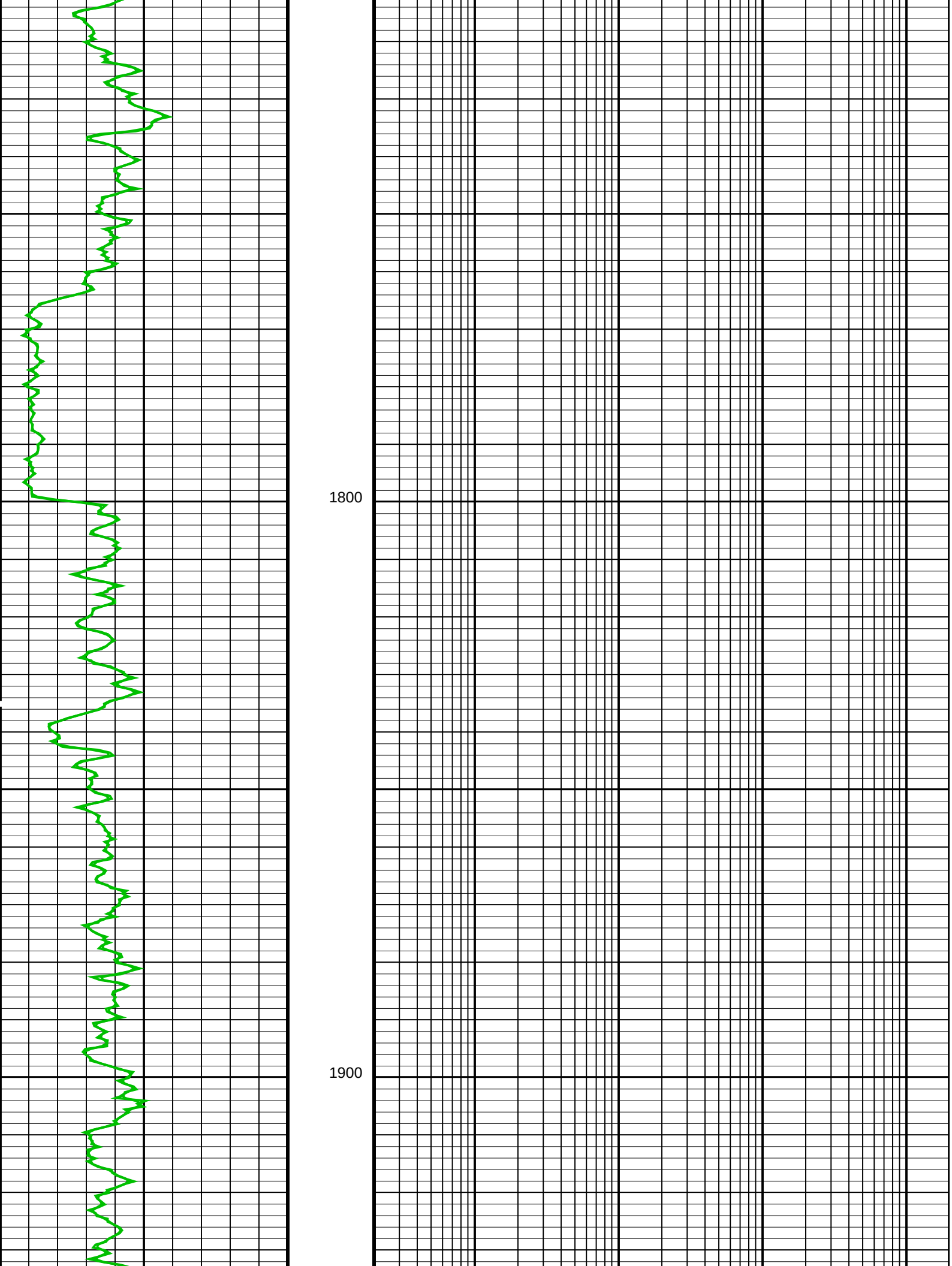
1700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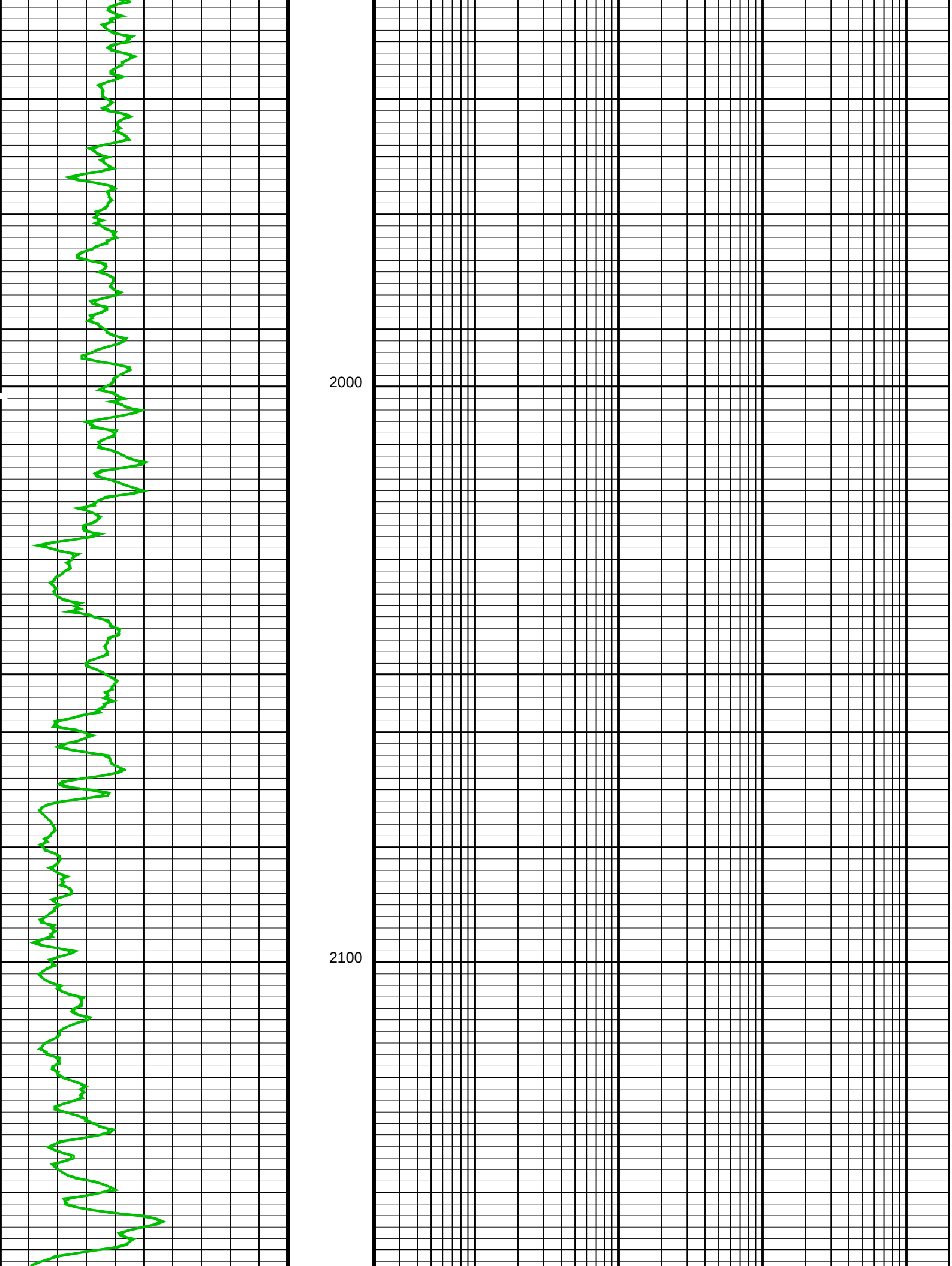
2000
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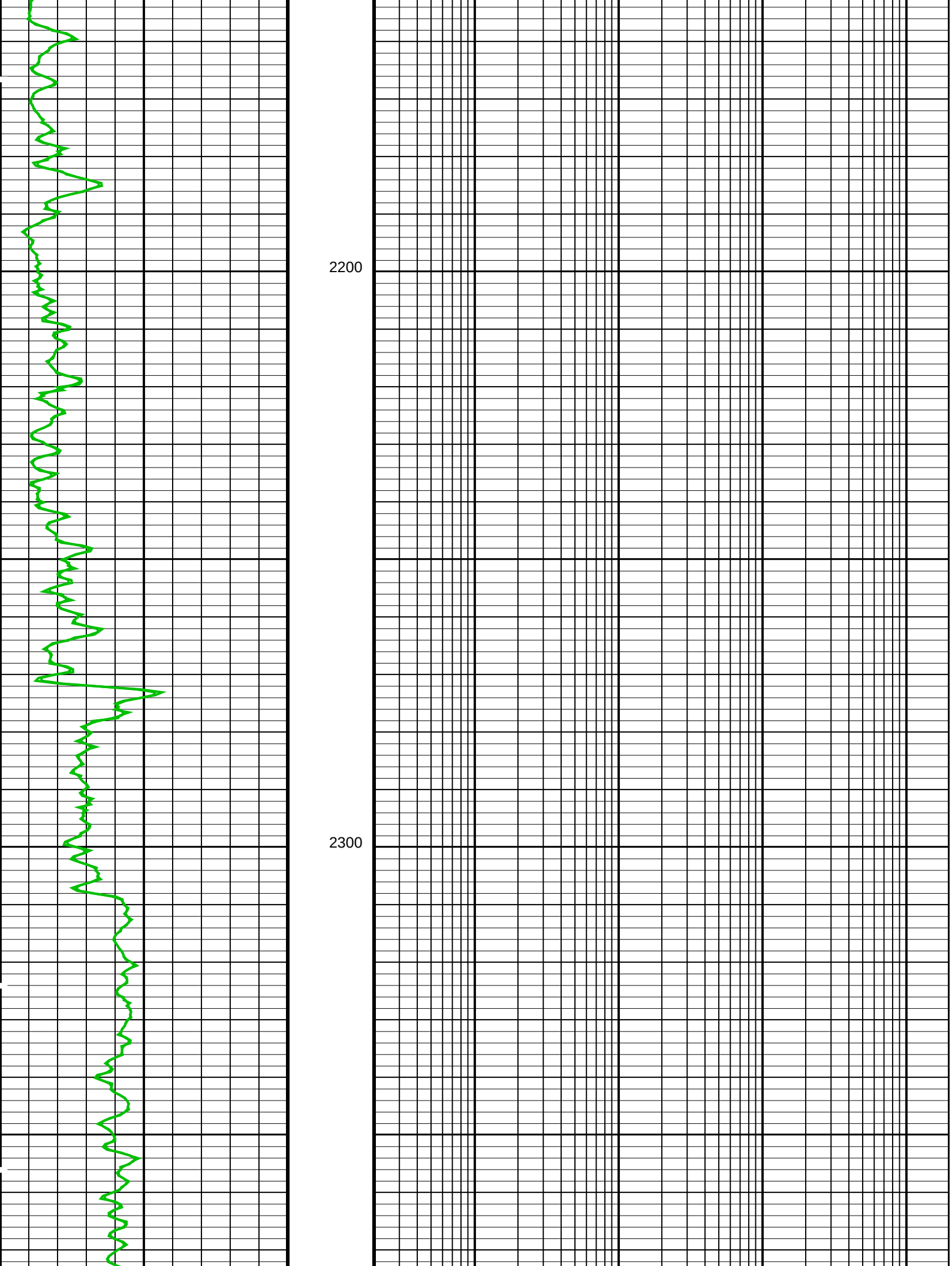
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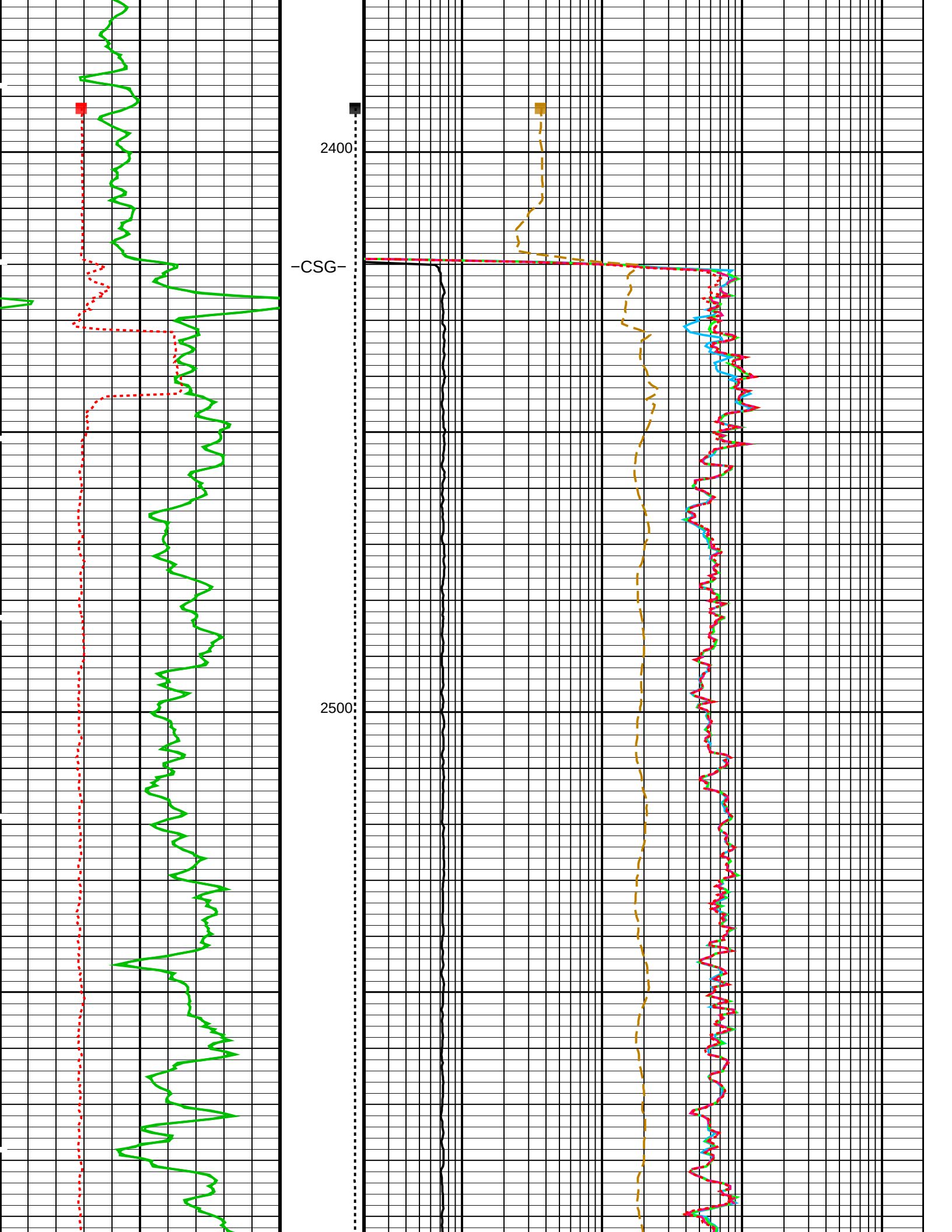
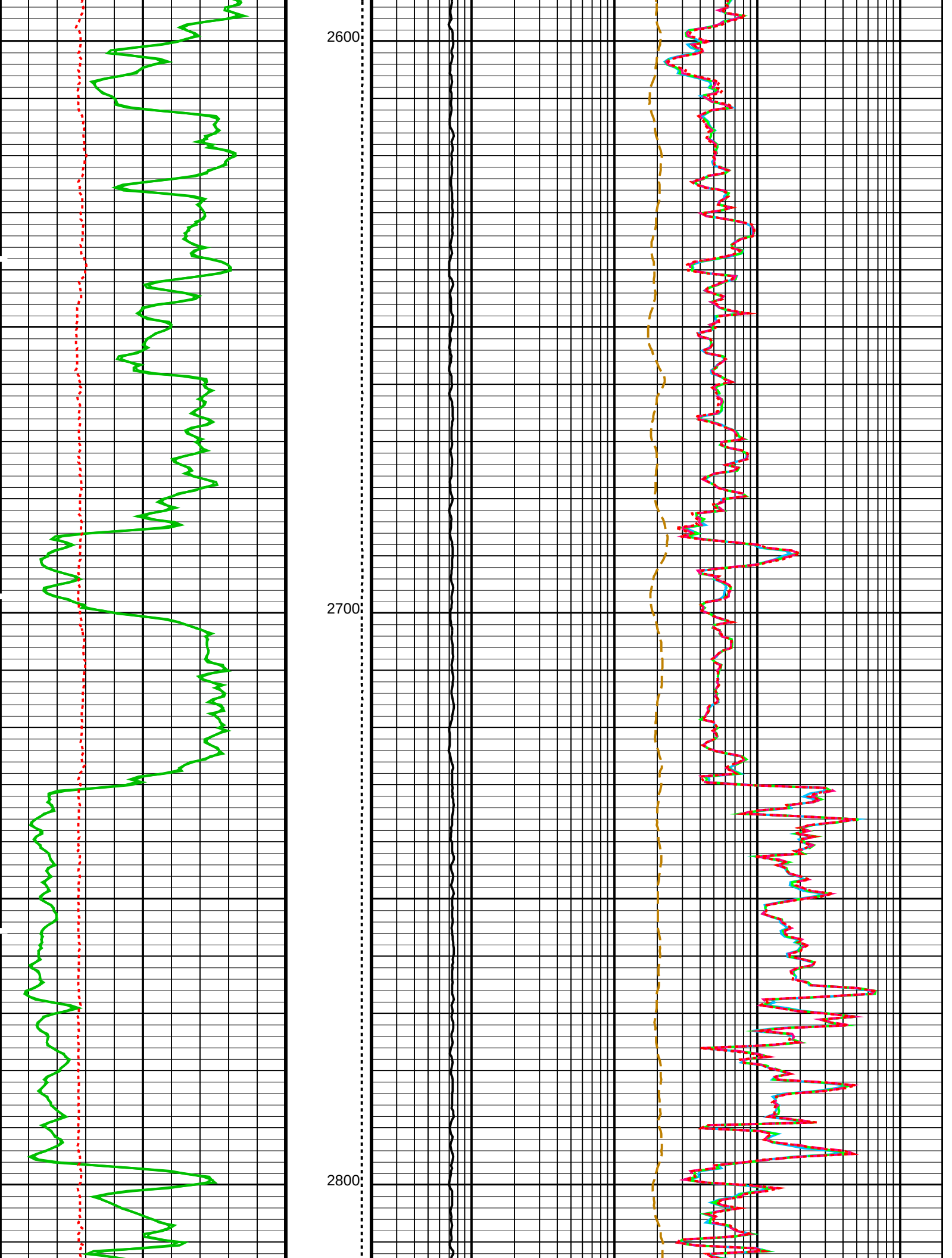

2400
−CSG−
2500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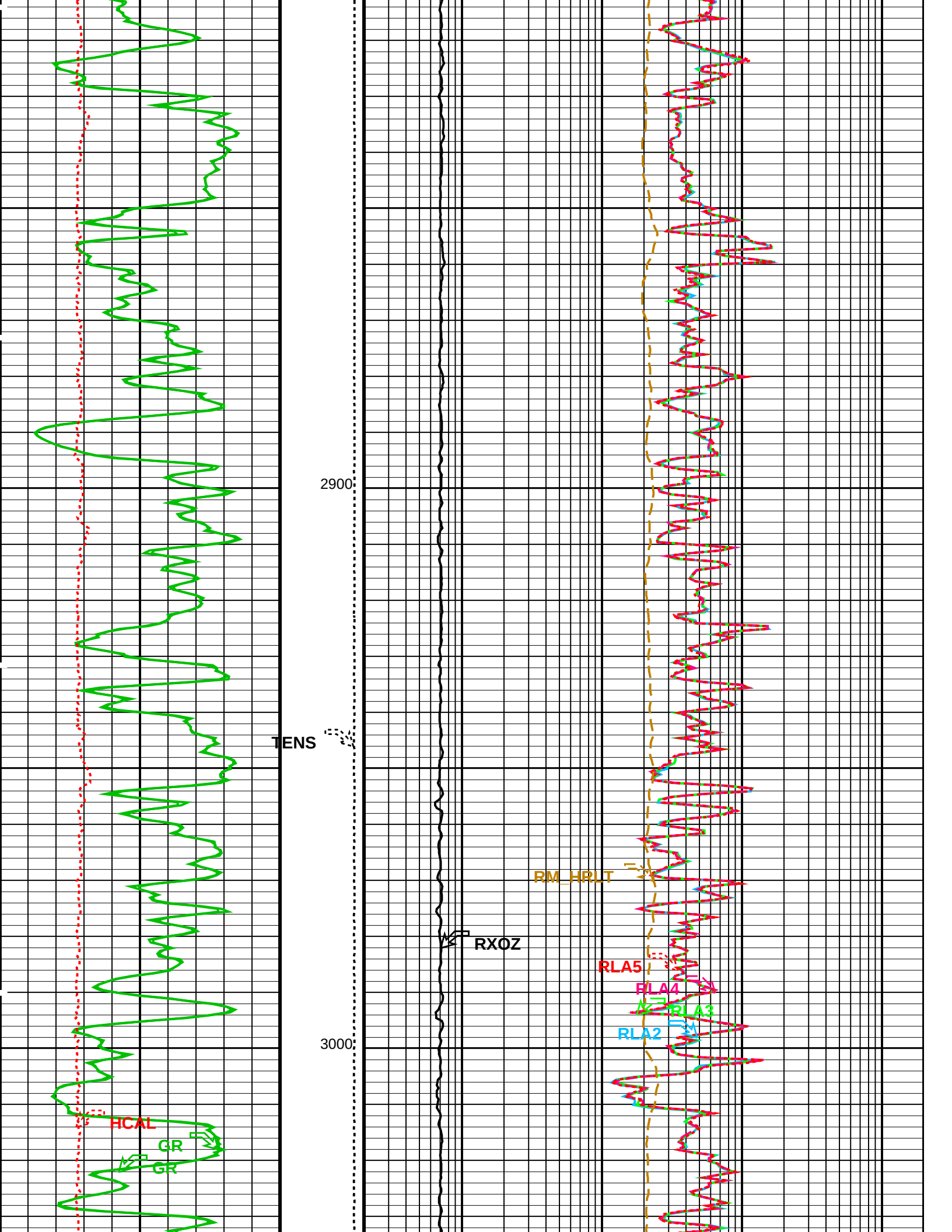
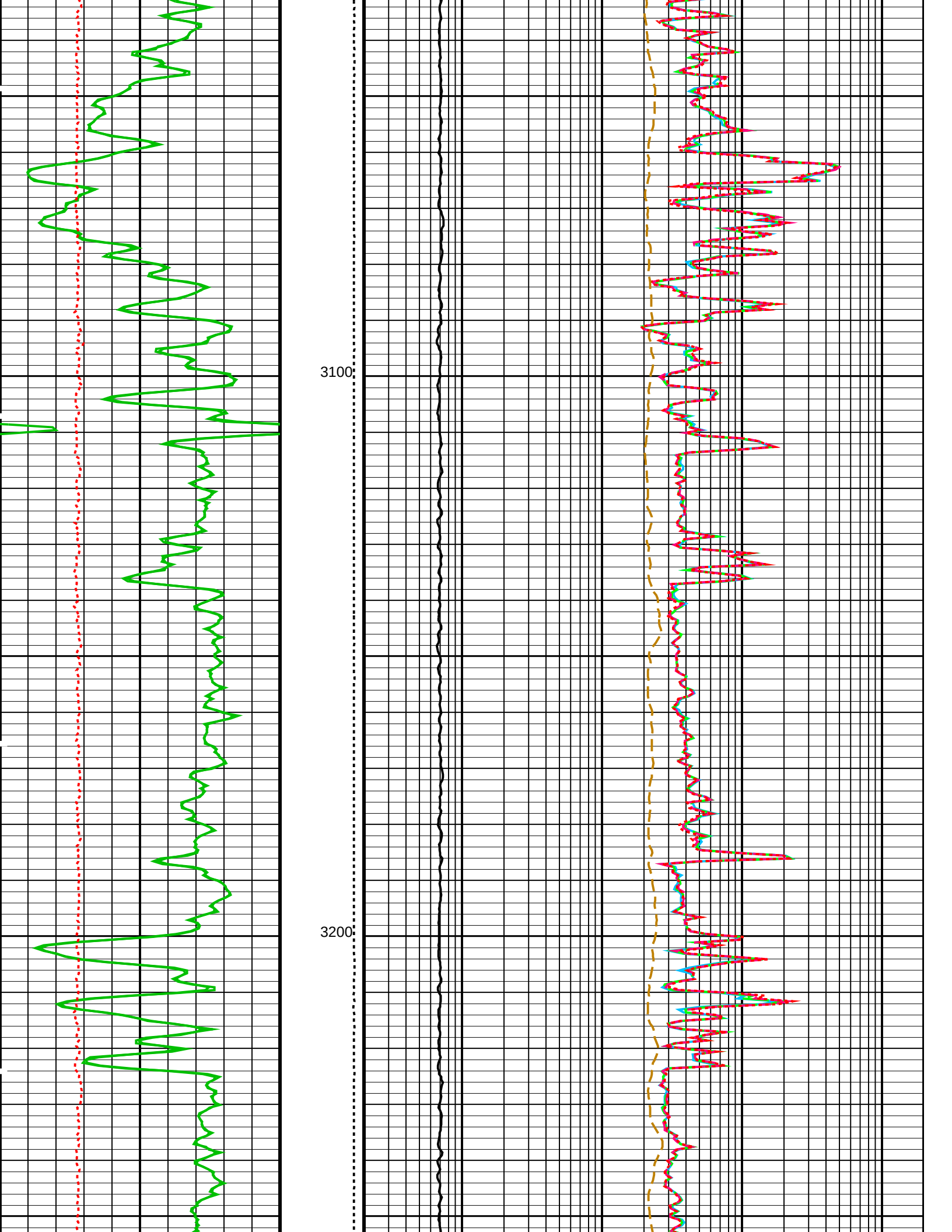
2700
2800


2900
TENS
RM_HRLT
RXOZ
RLA5
RLA4
RLA3
RLA2
3000
HCAL
GR
GR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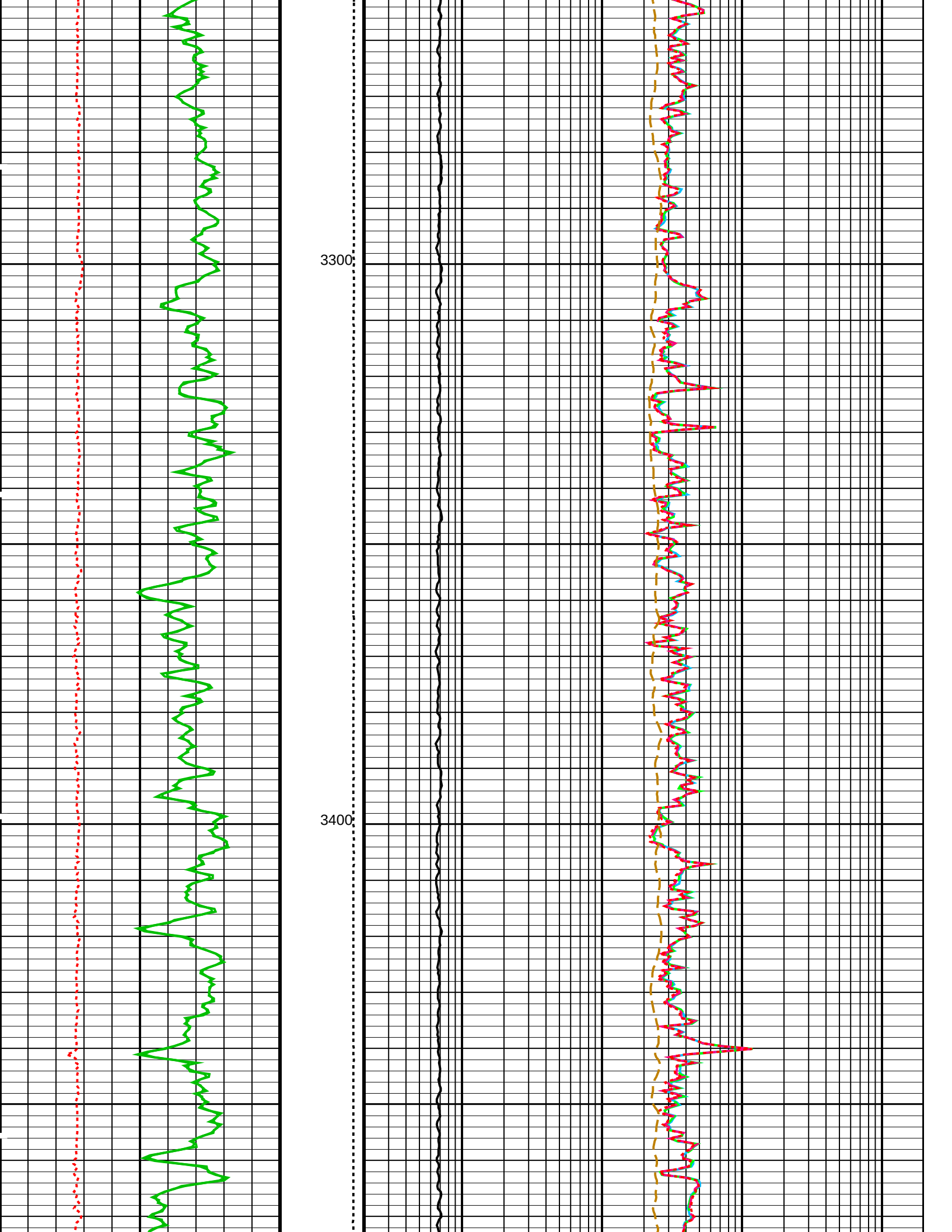
3200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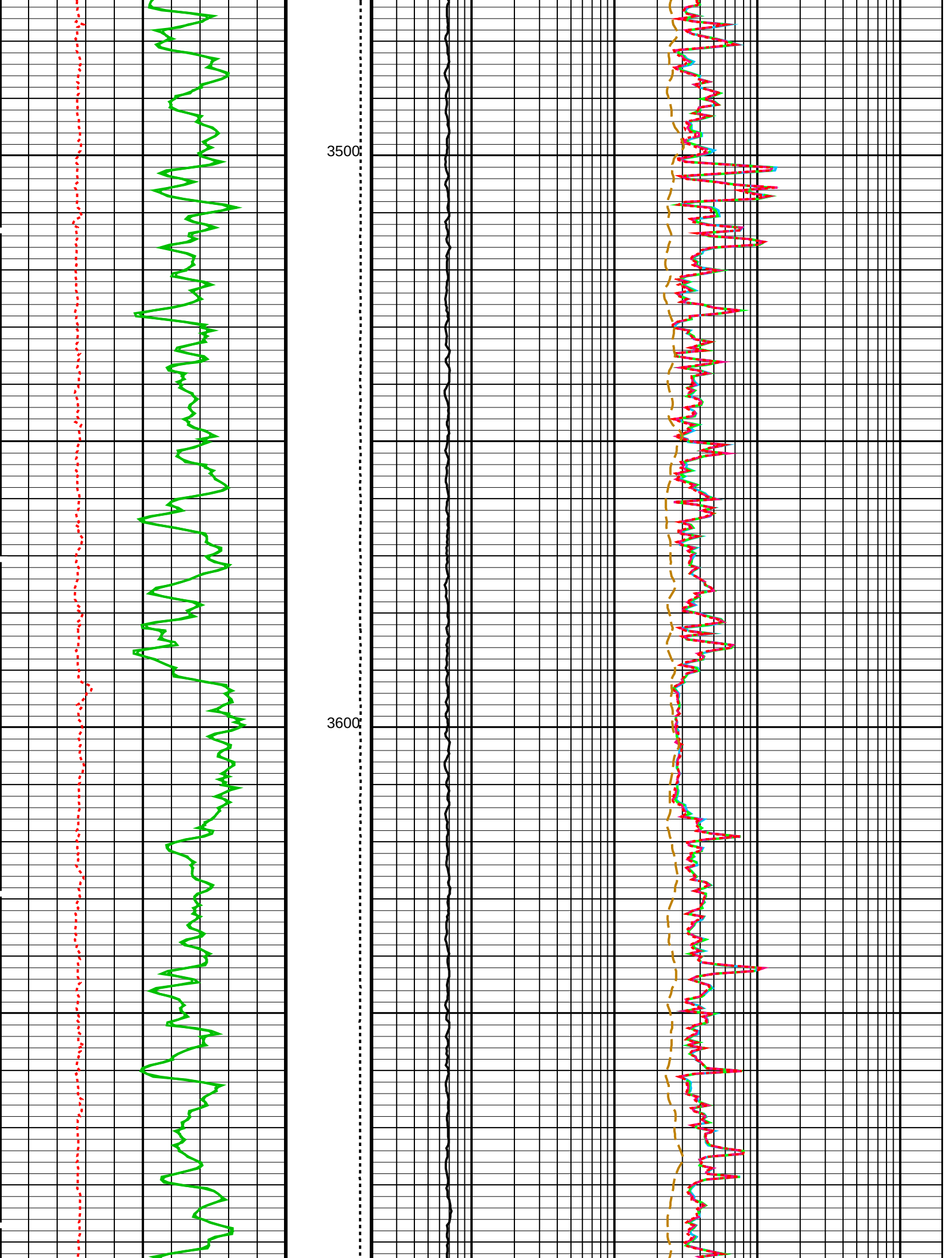
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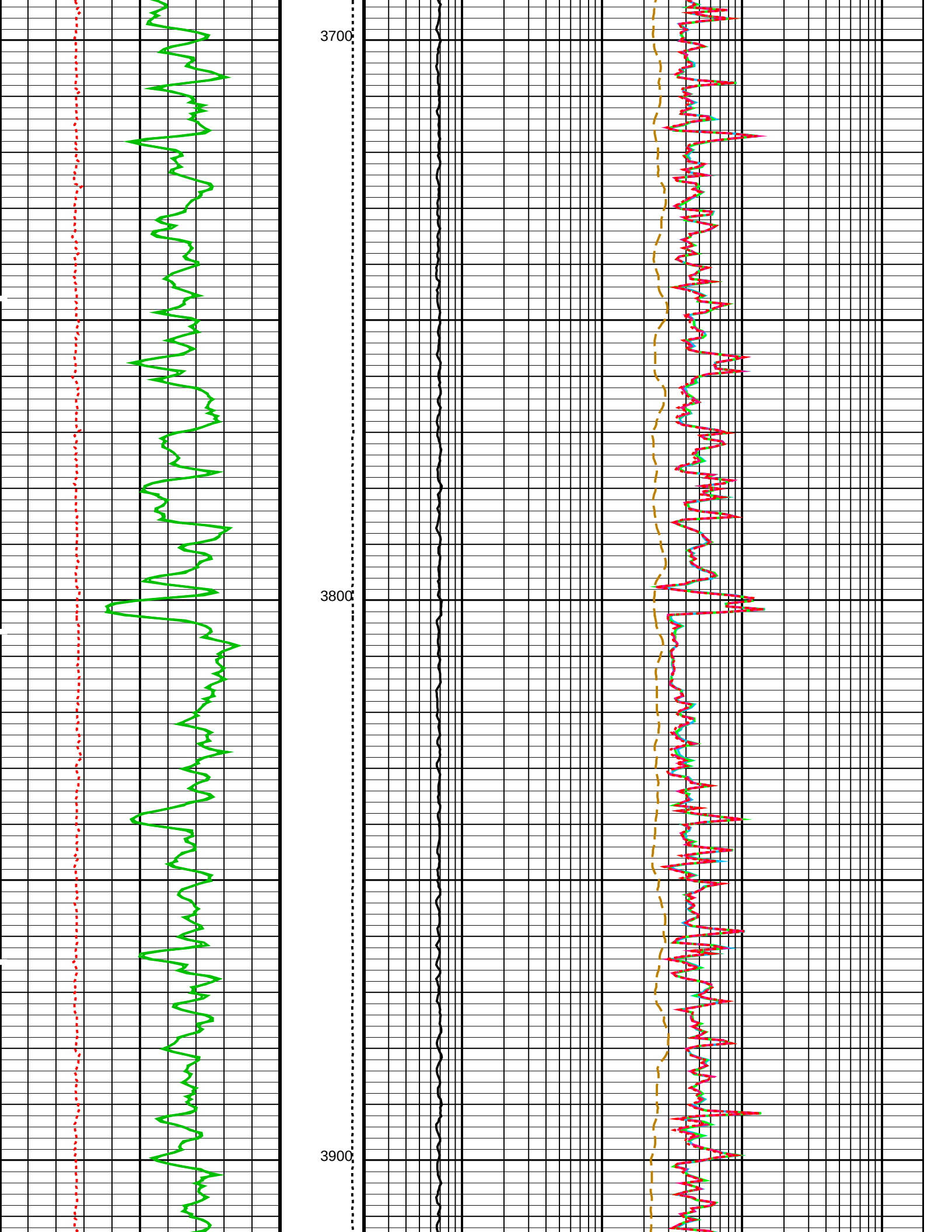
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3800
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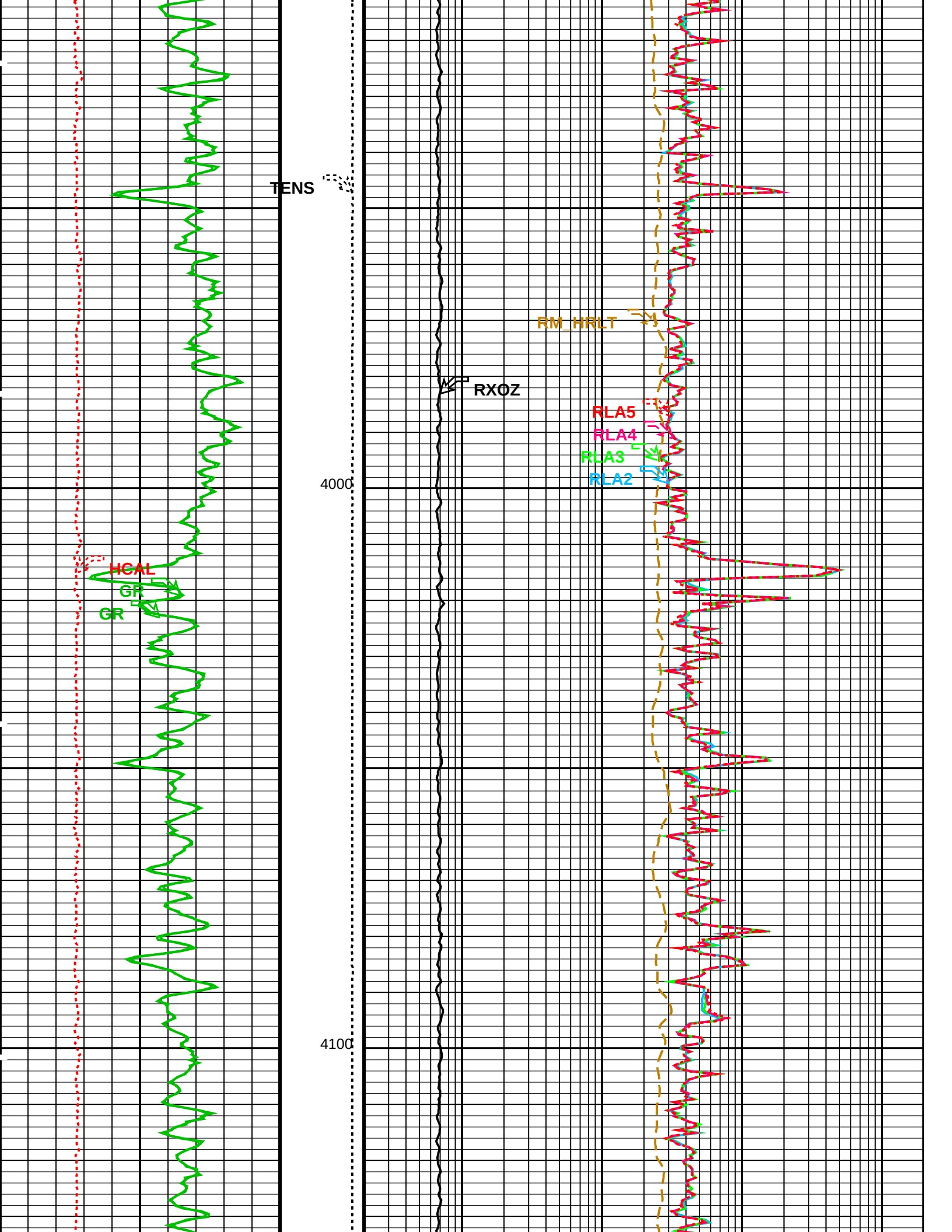
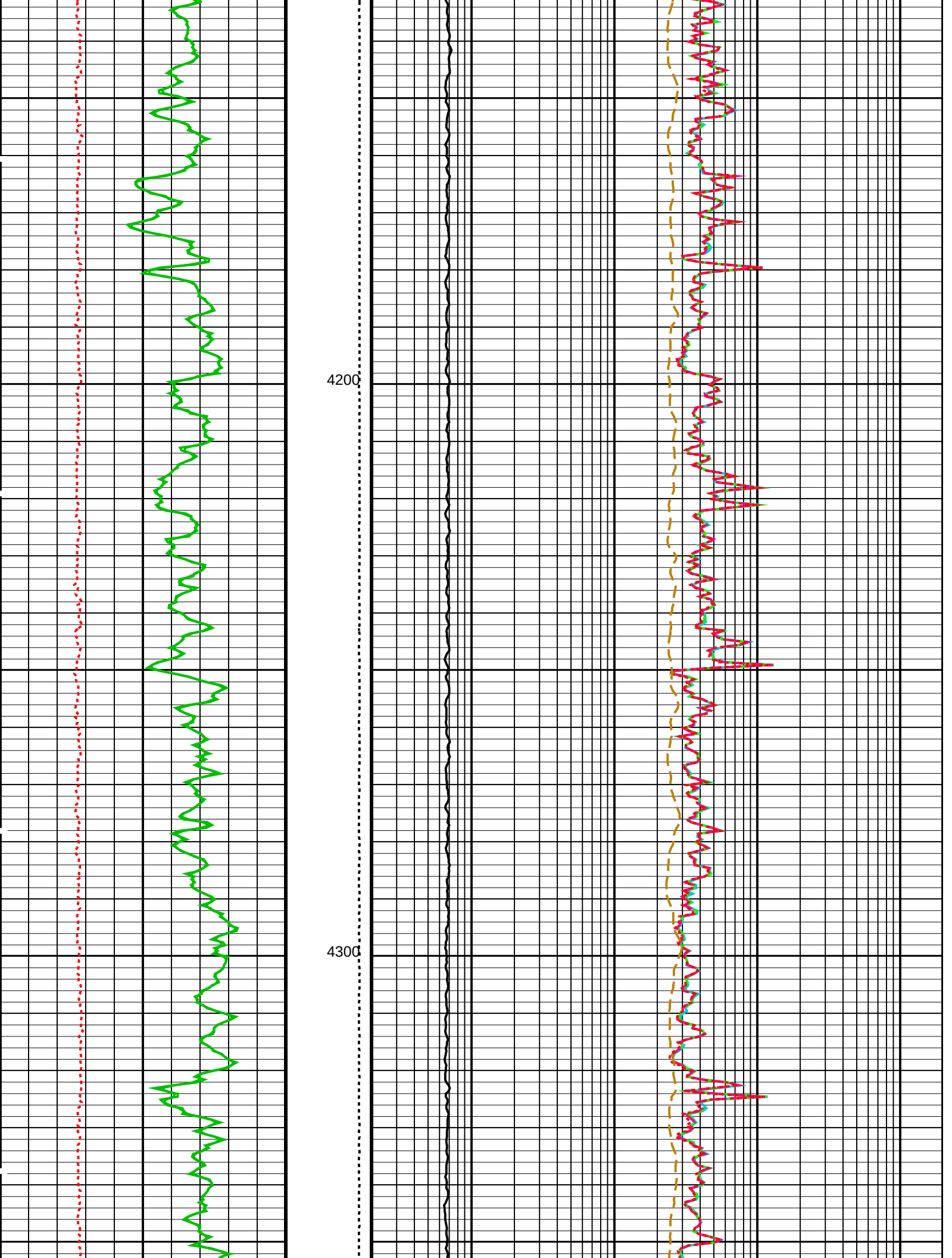

TENS
RM_HRLT
RXOZ
RLA5
RLA4
RLA3
RLA2
HCAL
GR
GR
4000
4100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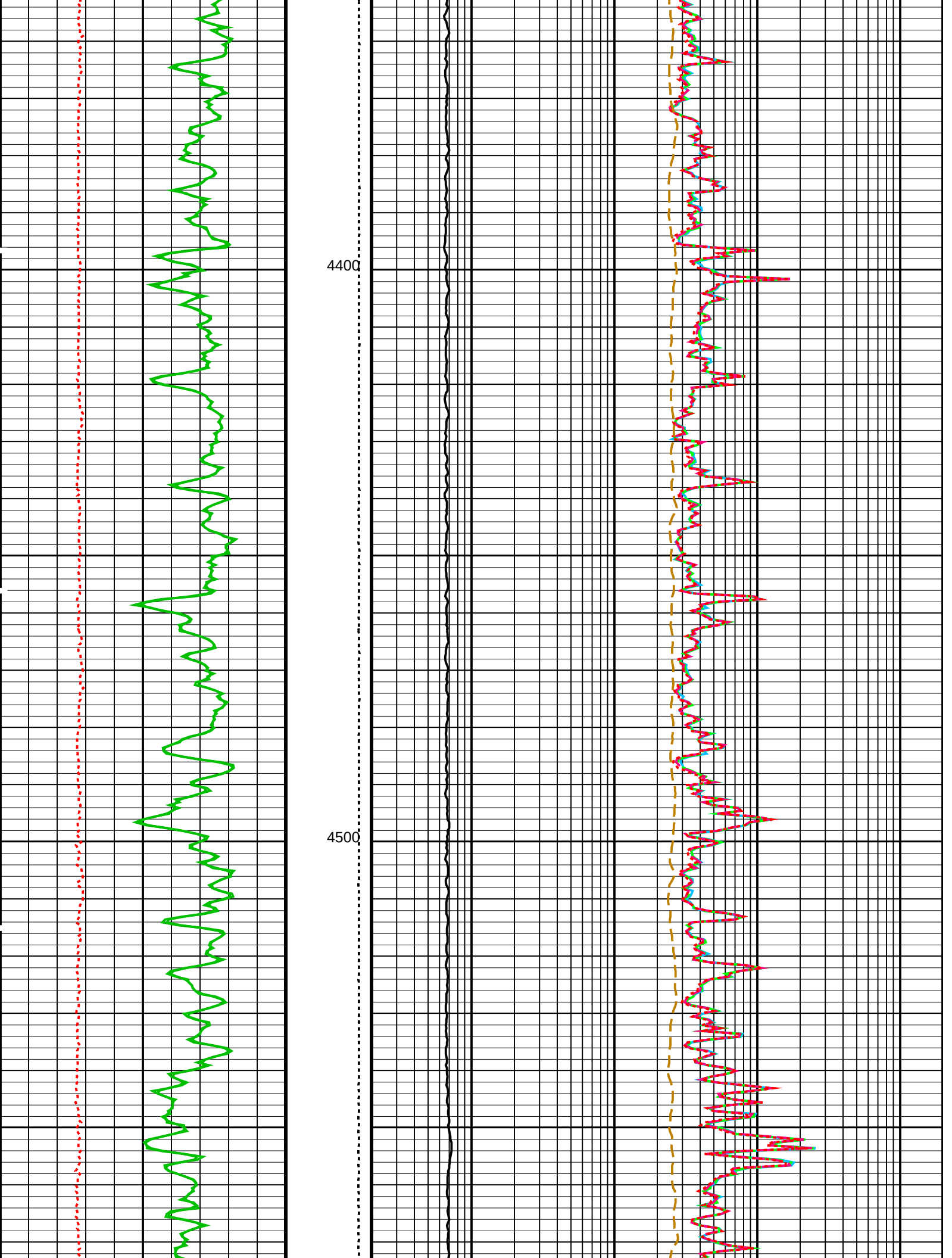
4300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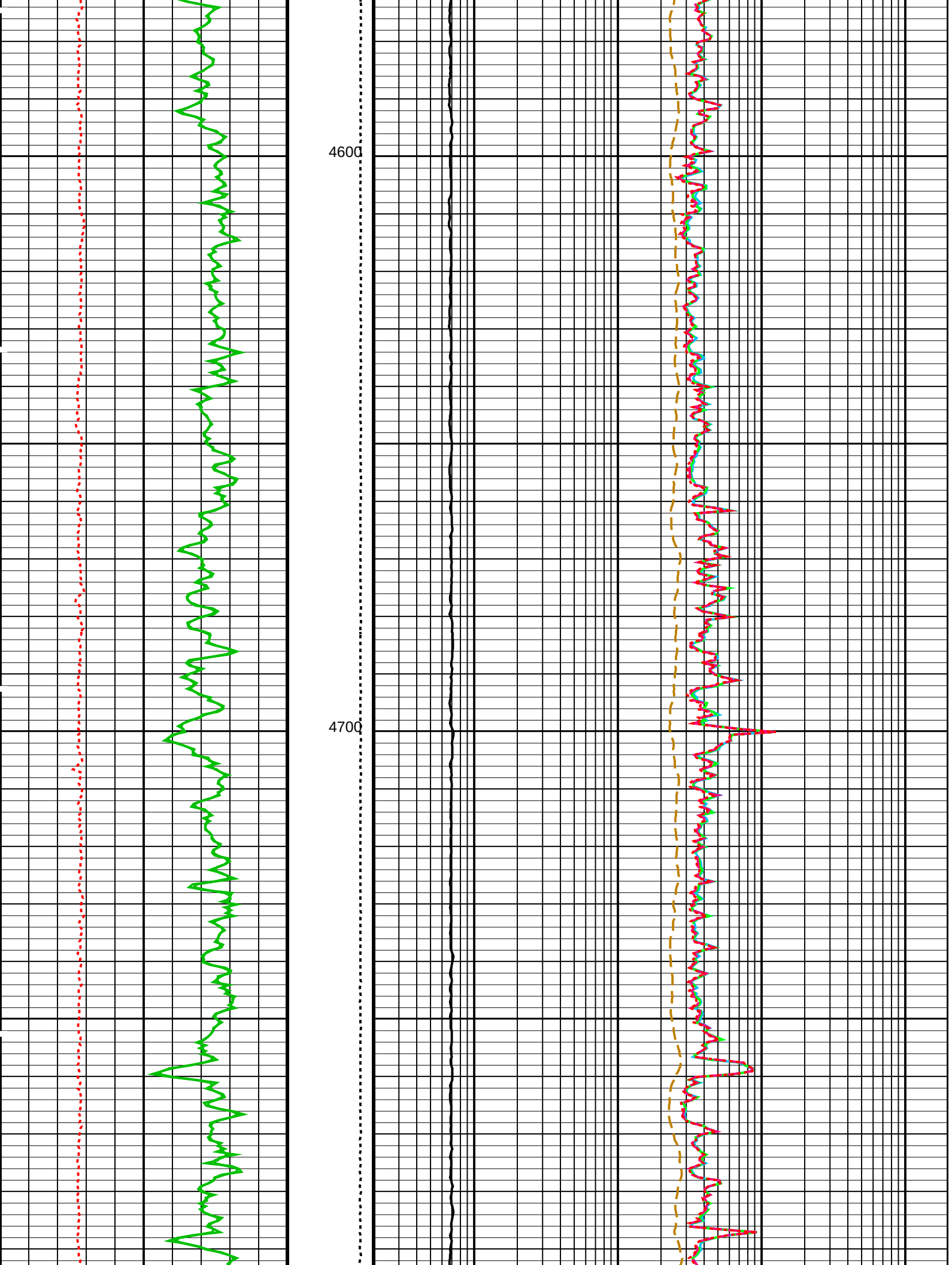
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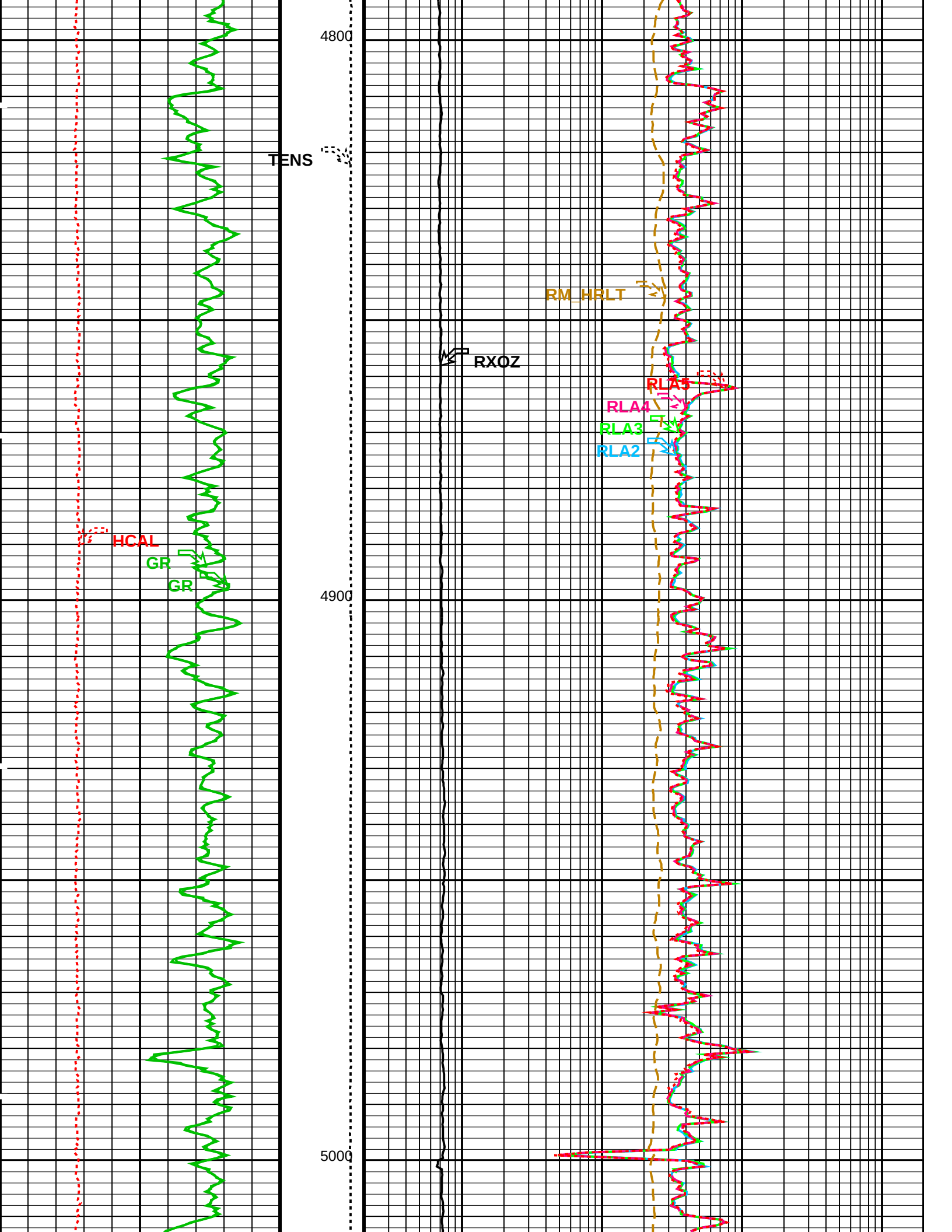
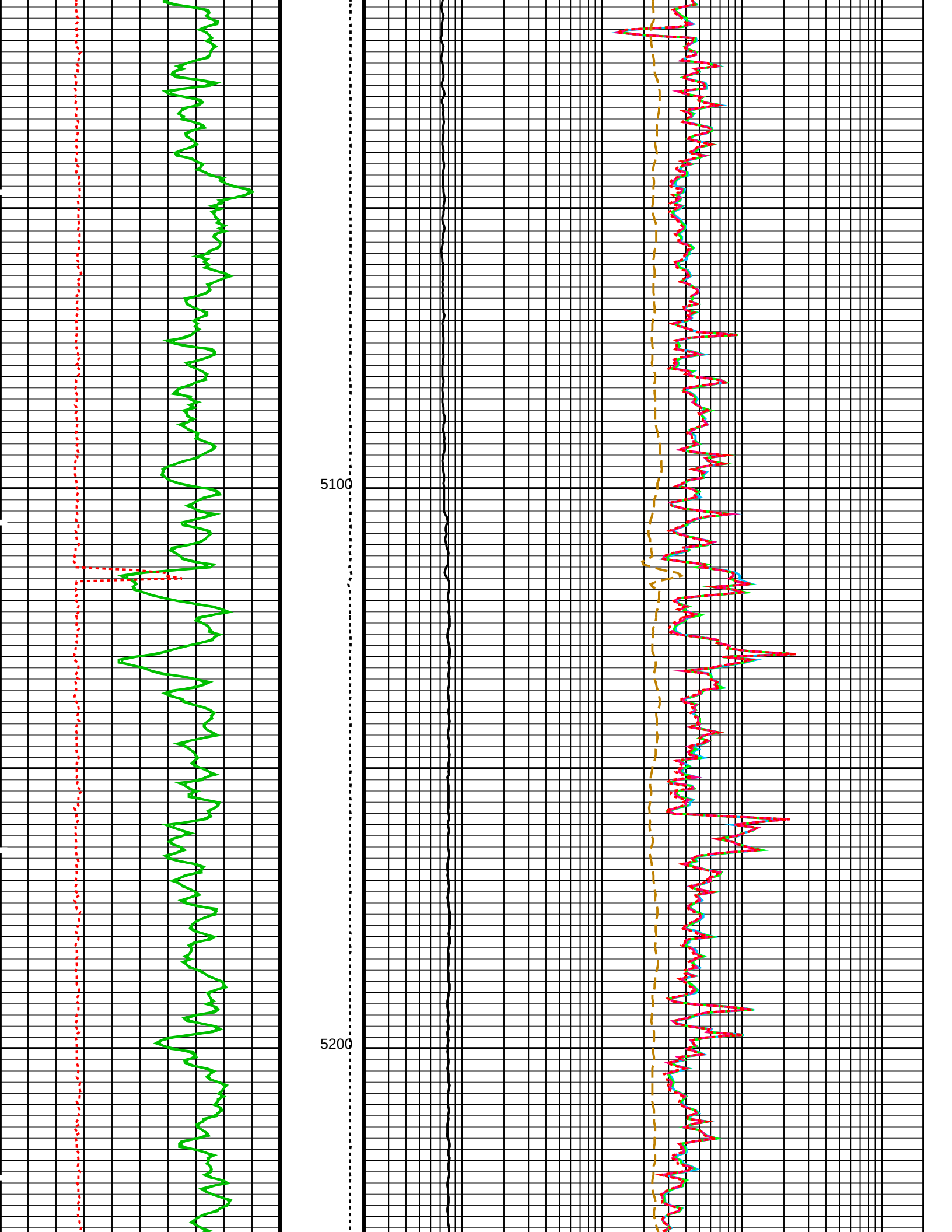
4700


4800
TENS
RM_HRLT
RXOZ
RLA5
RLA4
RLA3
RLA2
HCAL
GR
GR
4900
5000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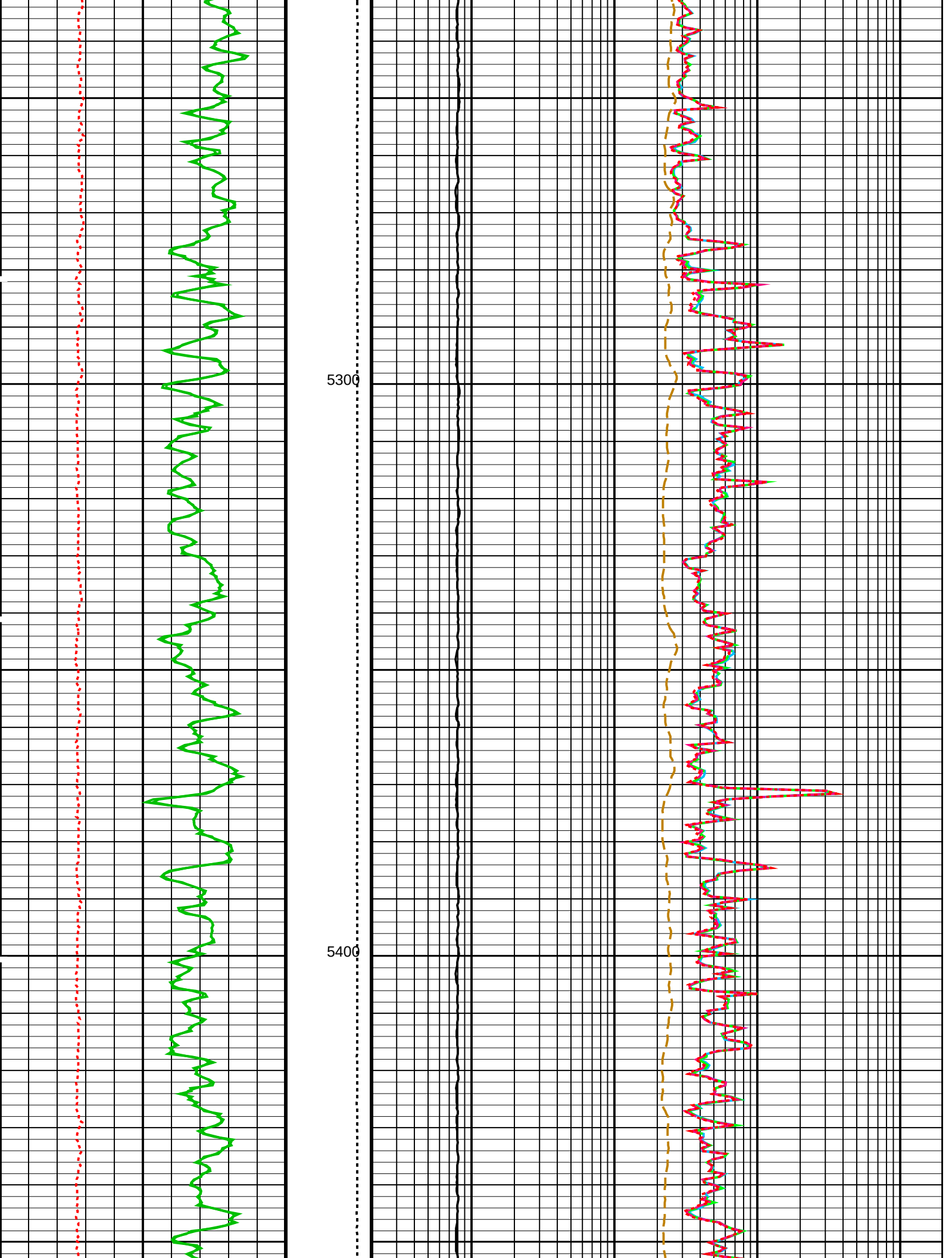
5200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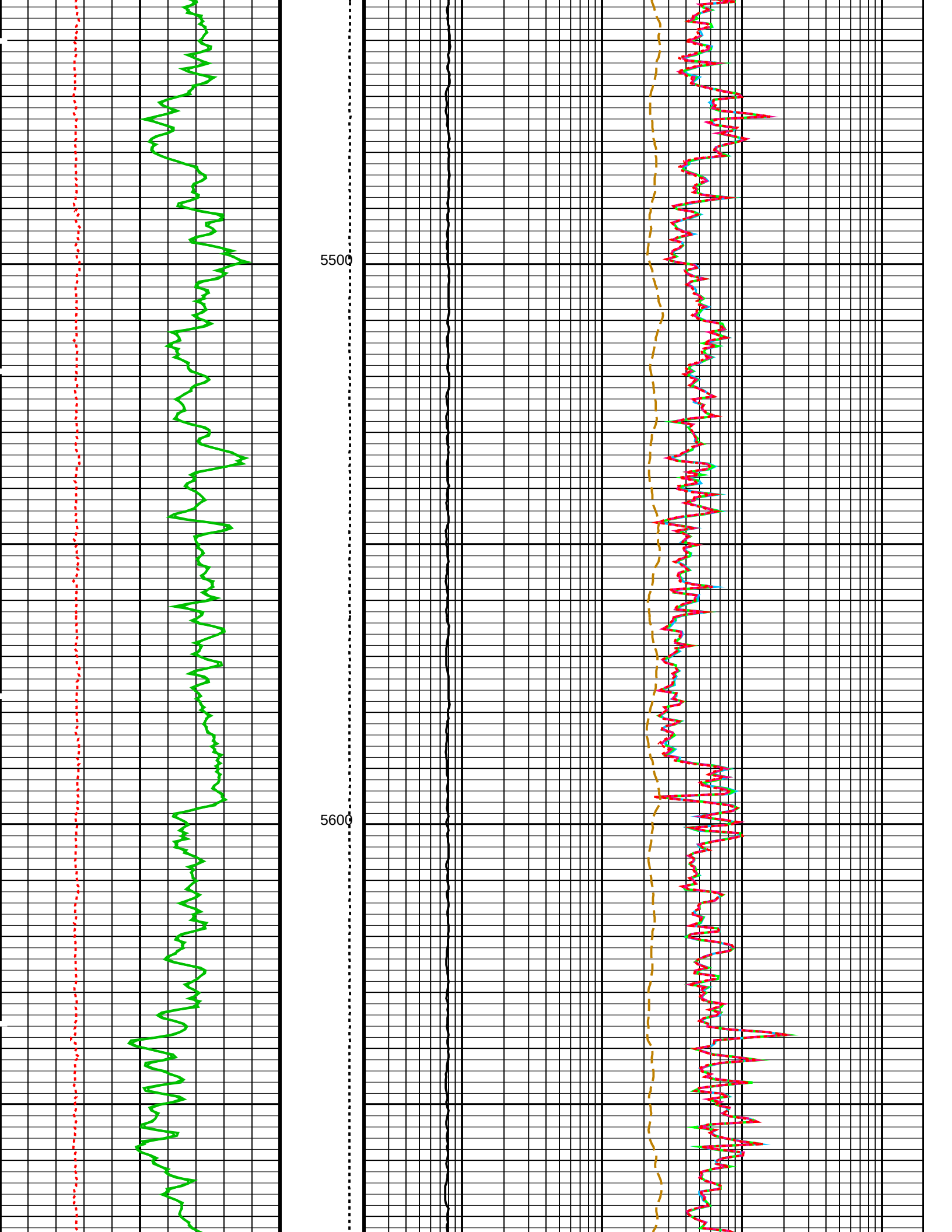
5400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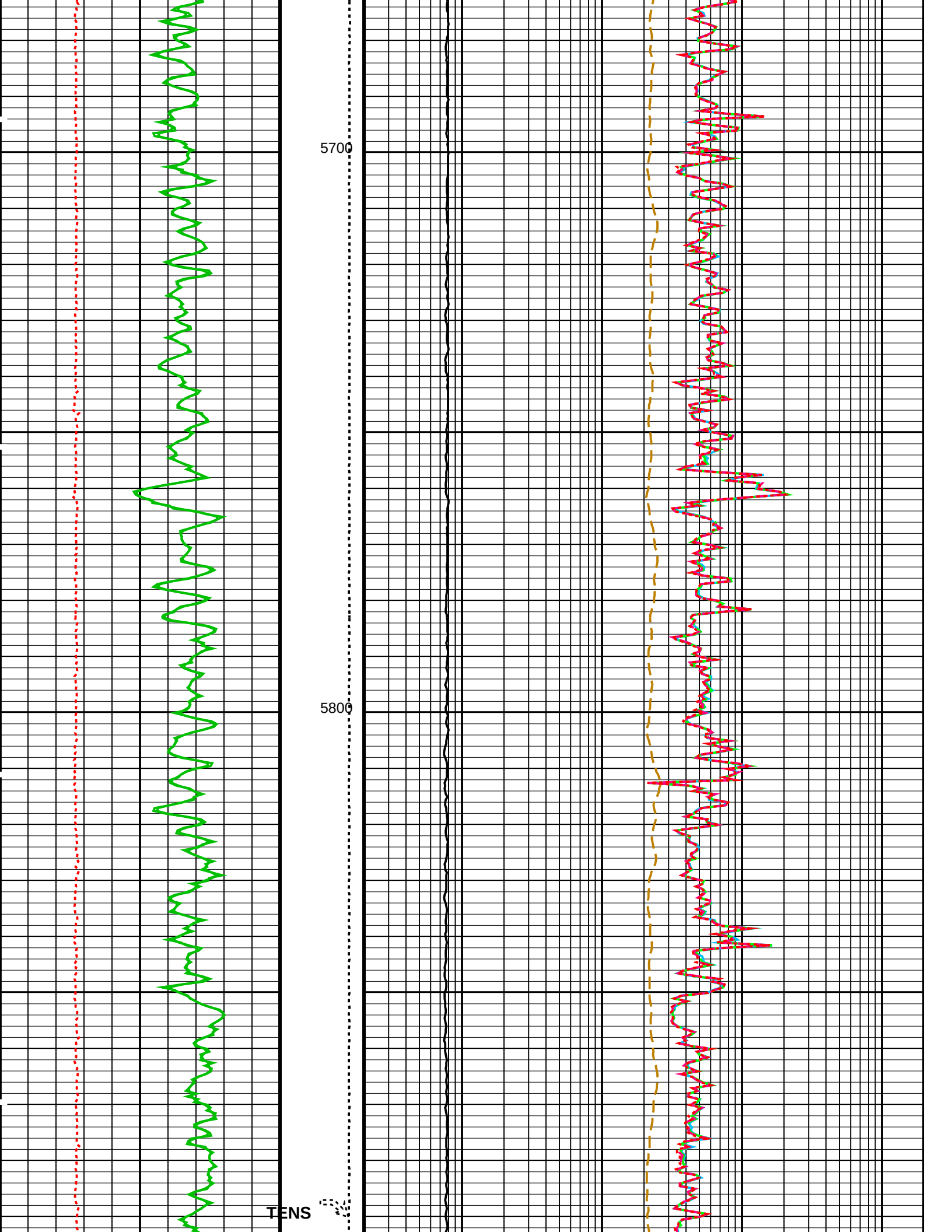
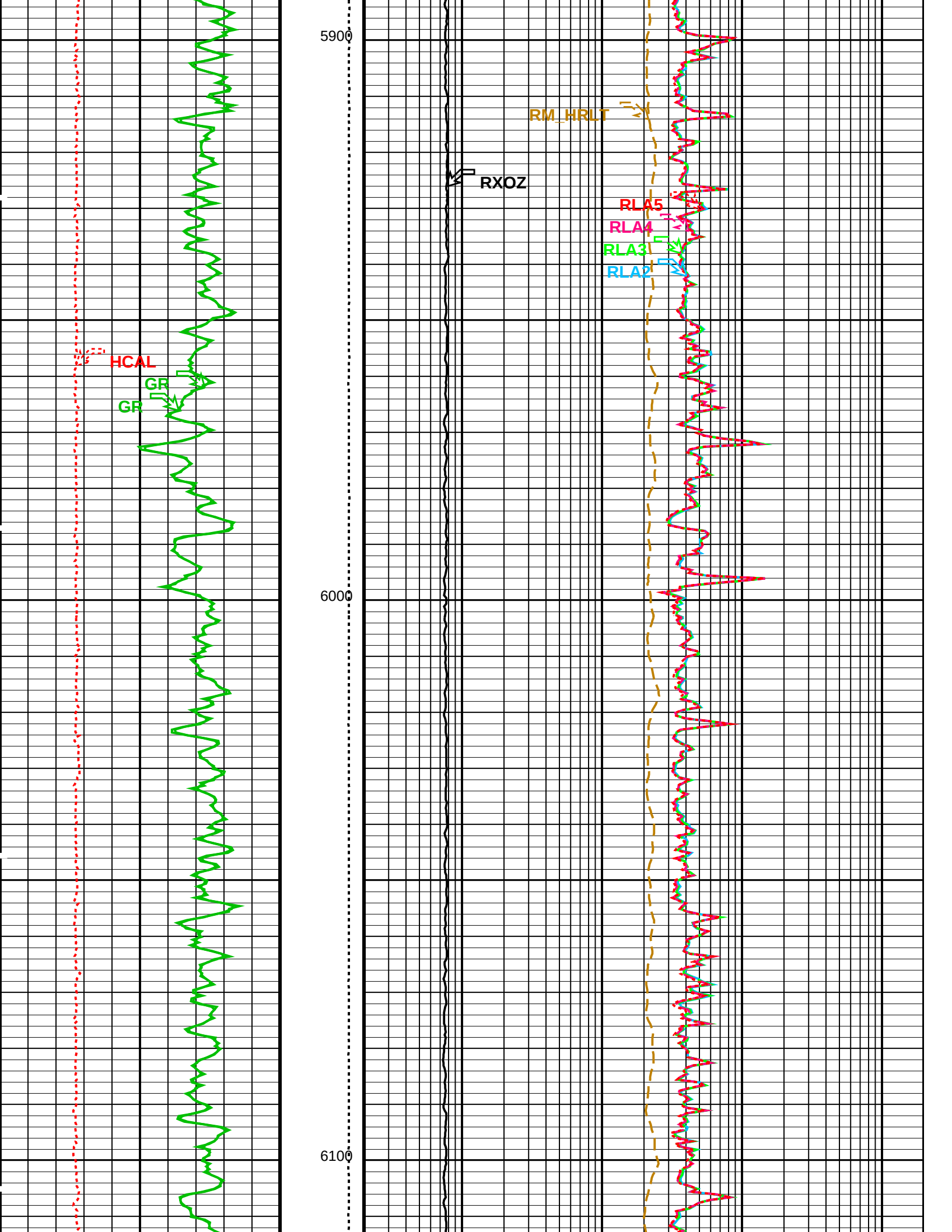
5600


5700
5800
TENS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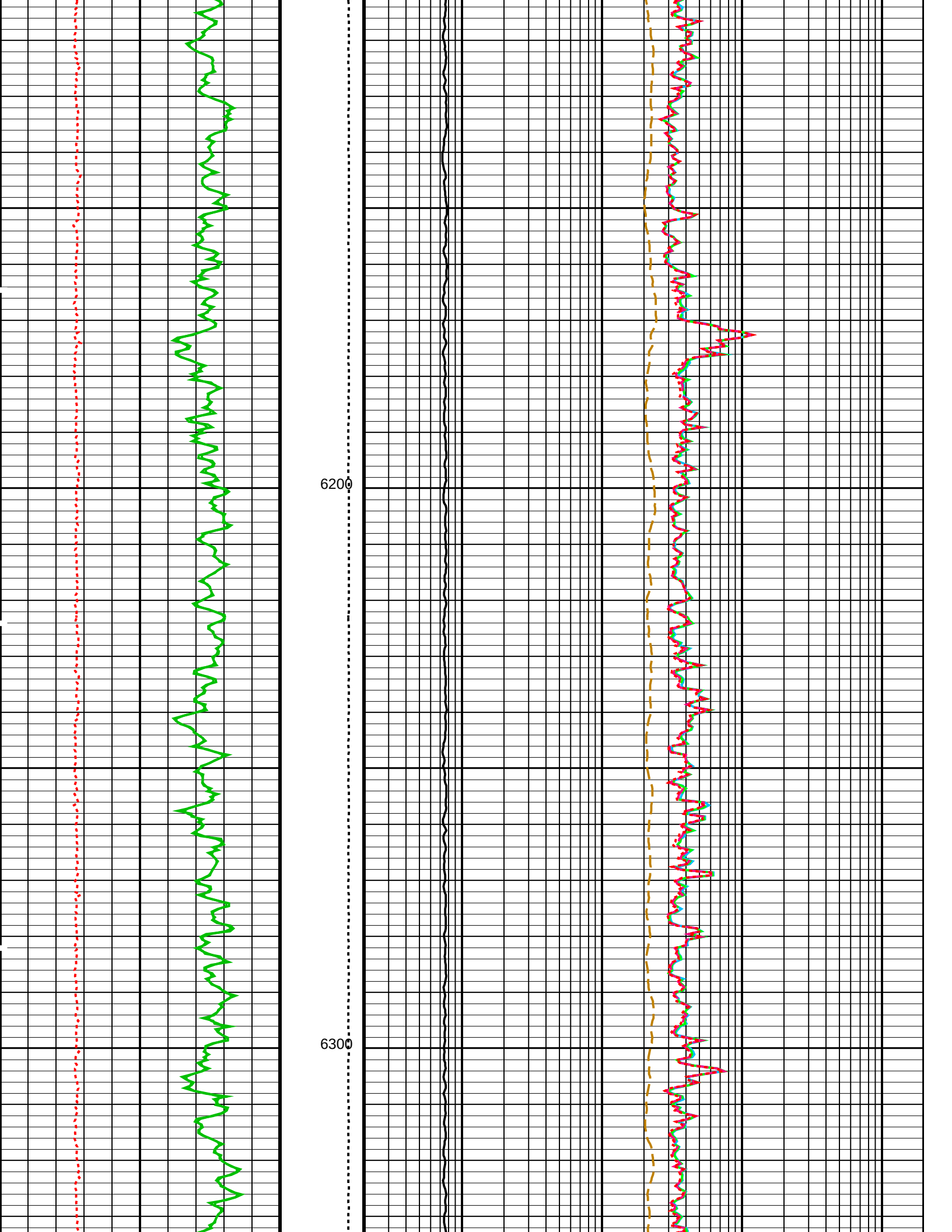
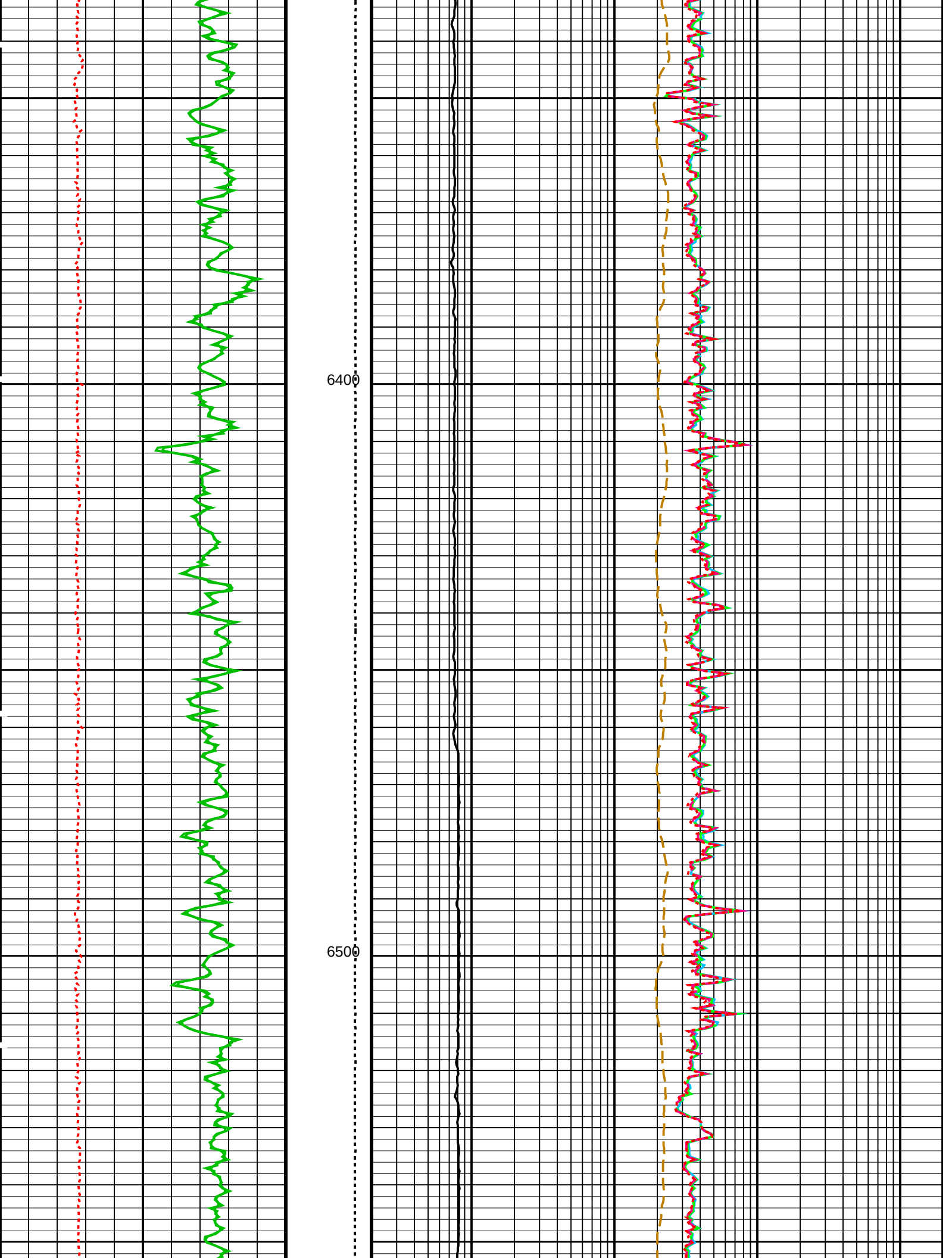
6000
6100
RM_HRLT
RXOZ
RLA5
RLA4
RLA3
RLA2
HCAL
GR
GR


6200
6300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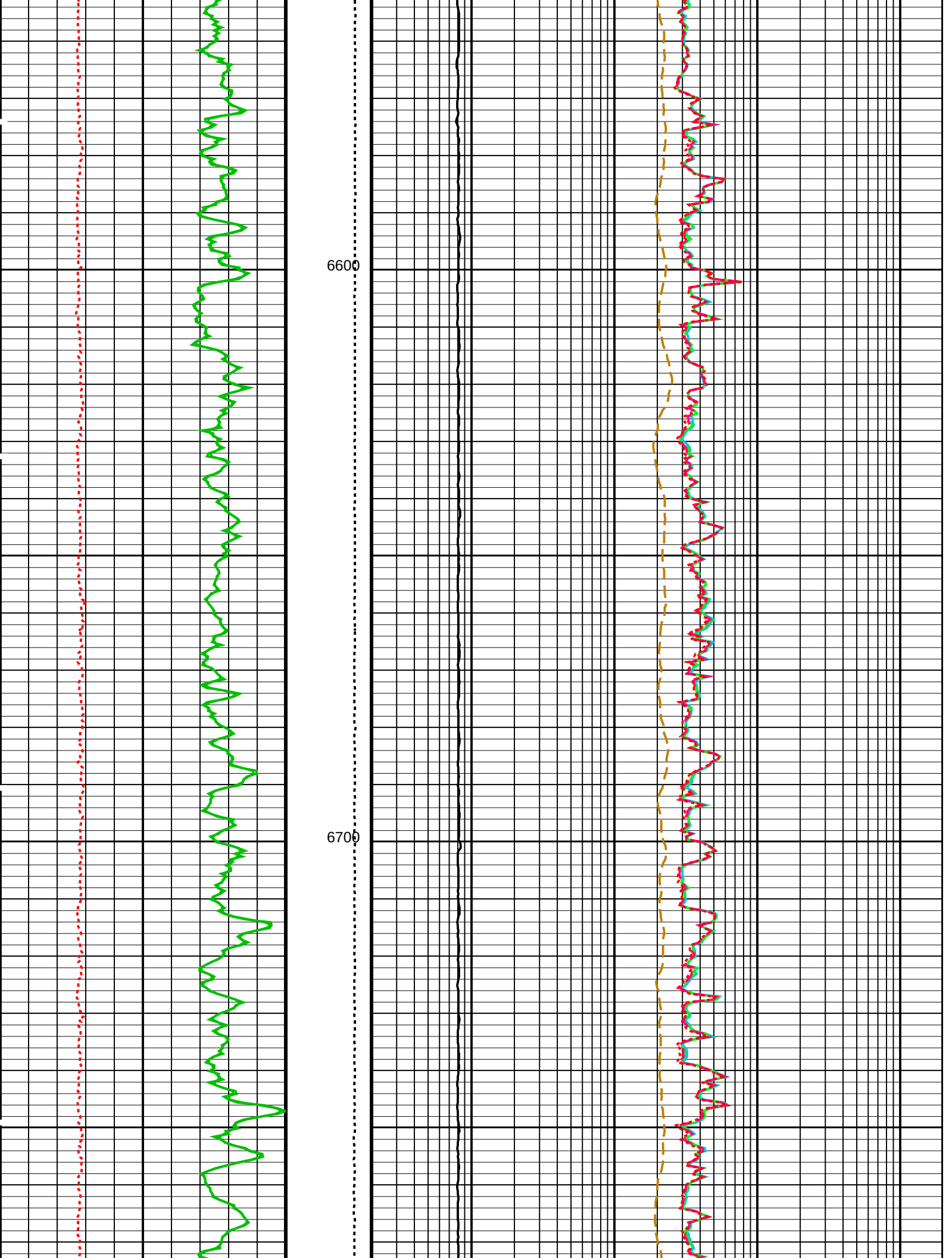
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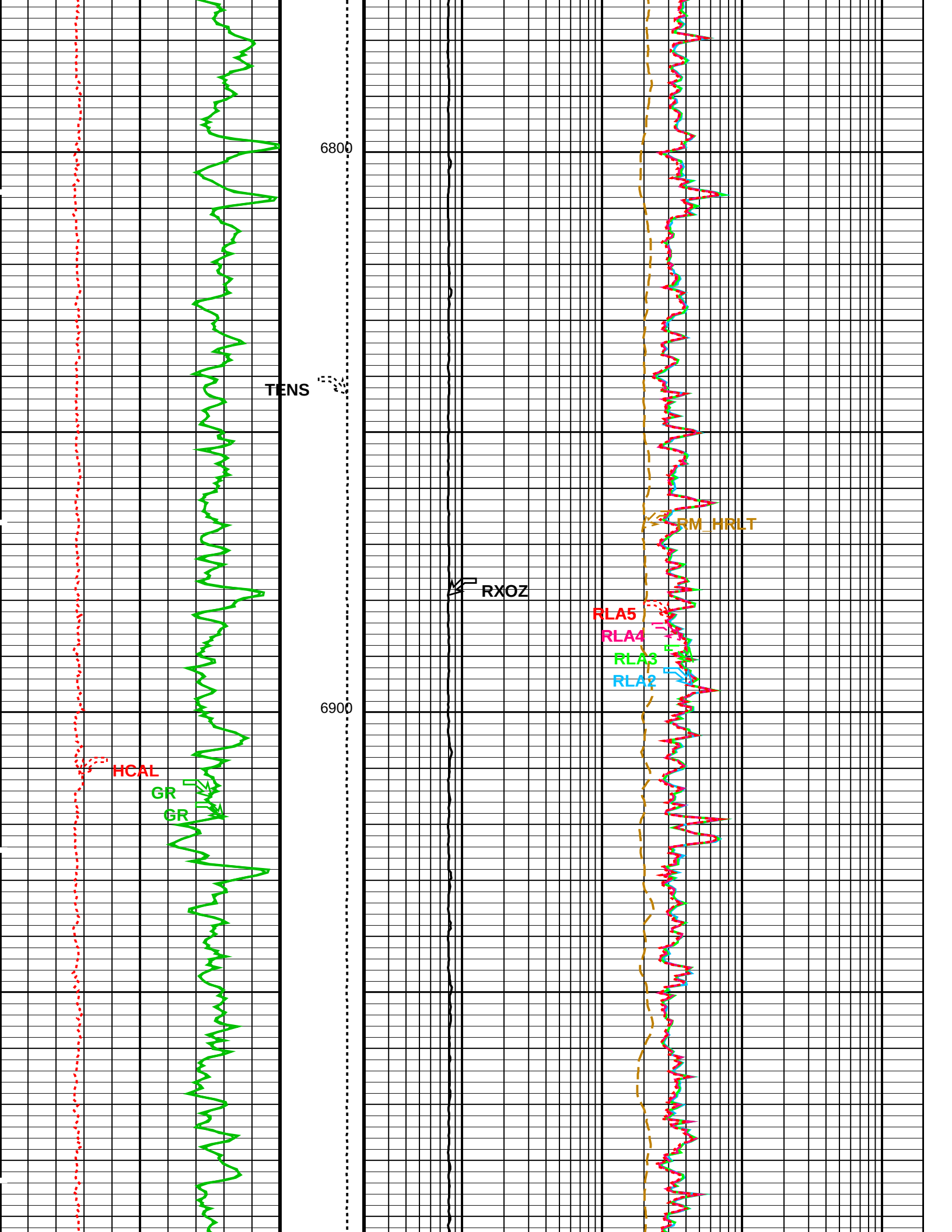
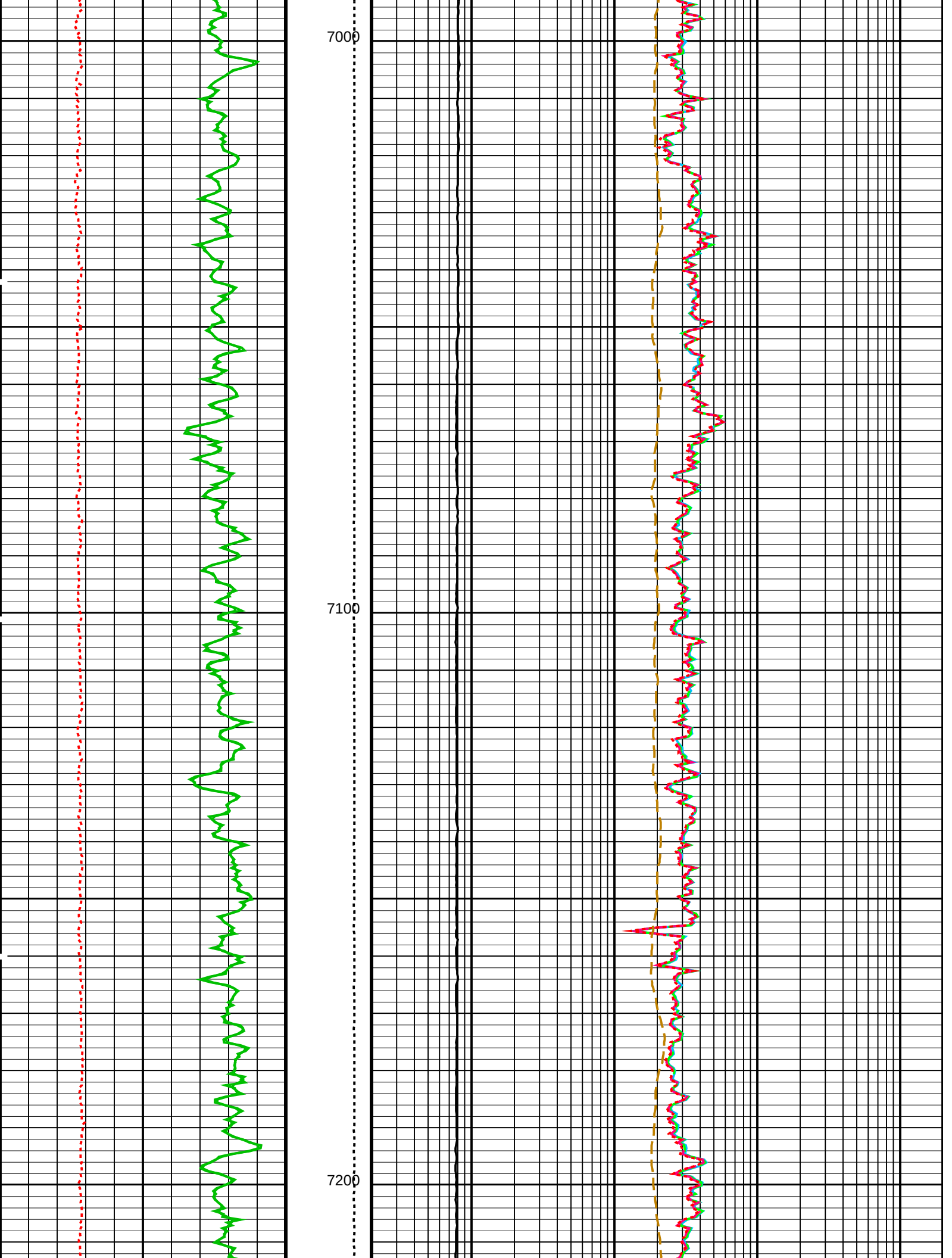
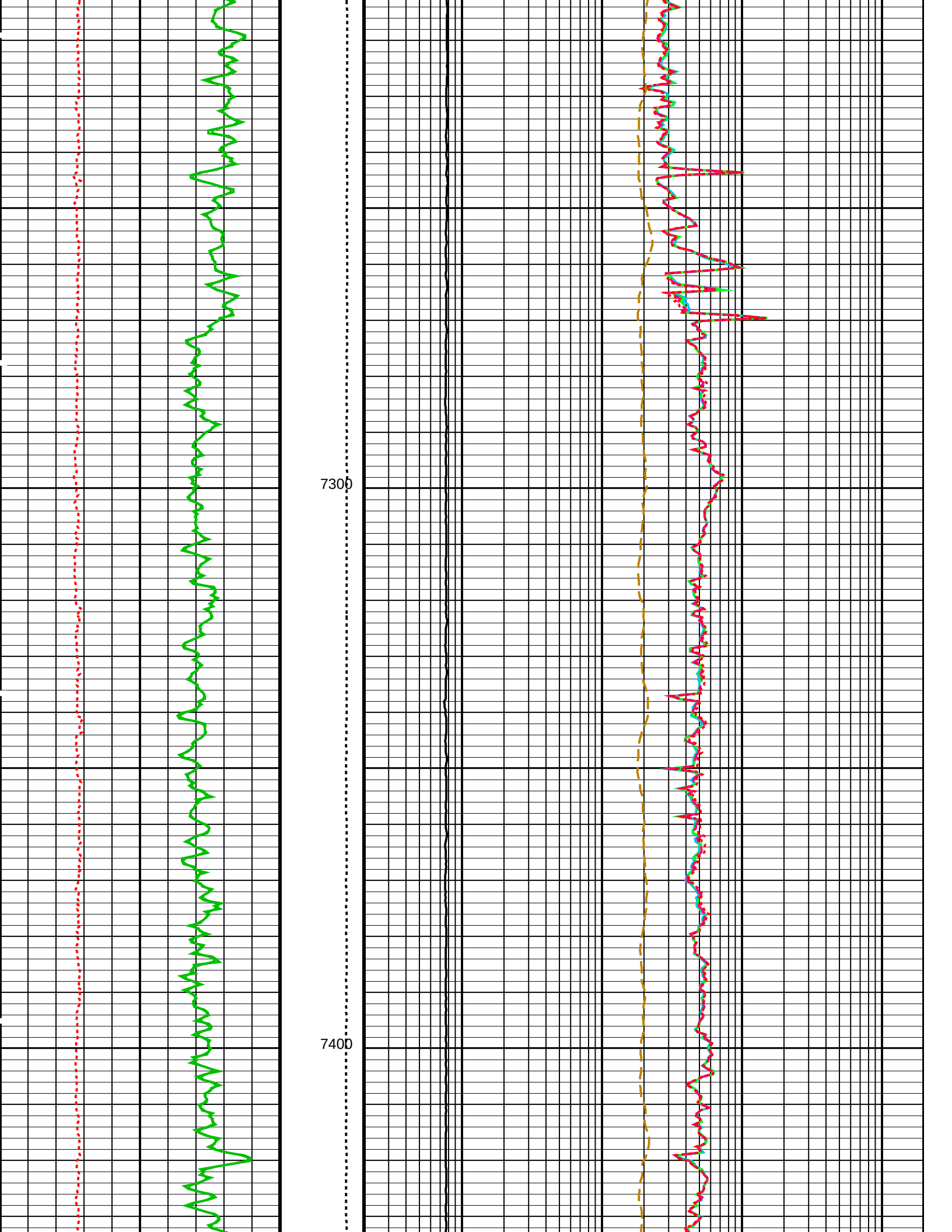

6800
TENS
RM_HRLT
RXOZ
RLA5
RLA4
RLA3
RLA2
6900
HCAL
GR
GR


7000
7100
7200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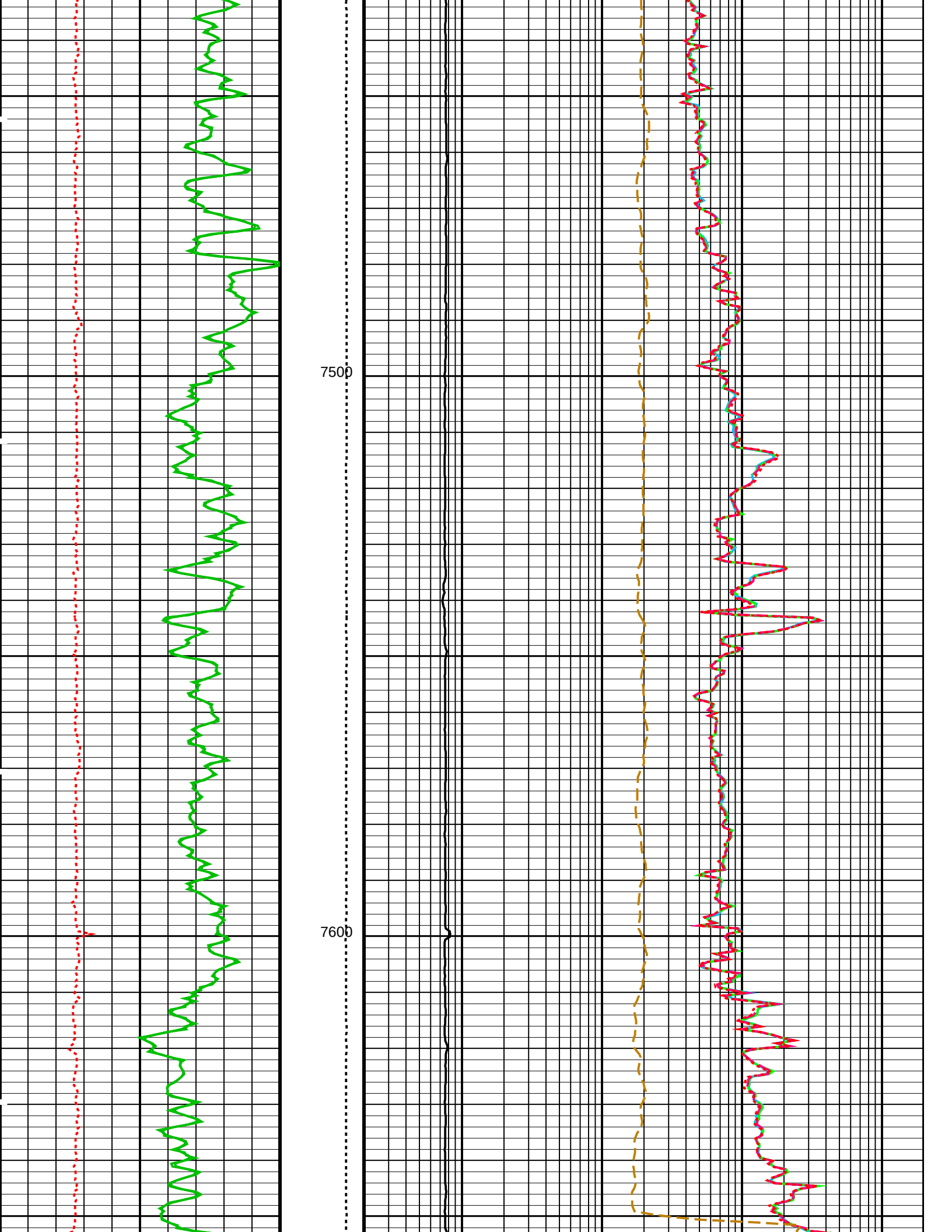
7400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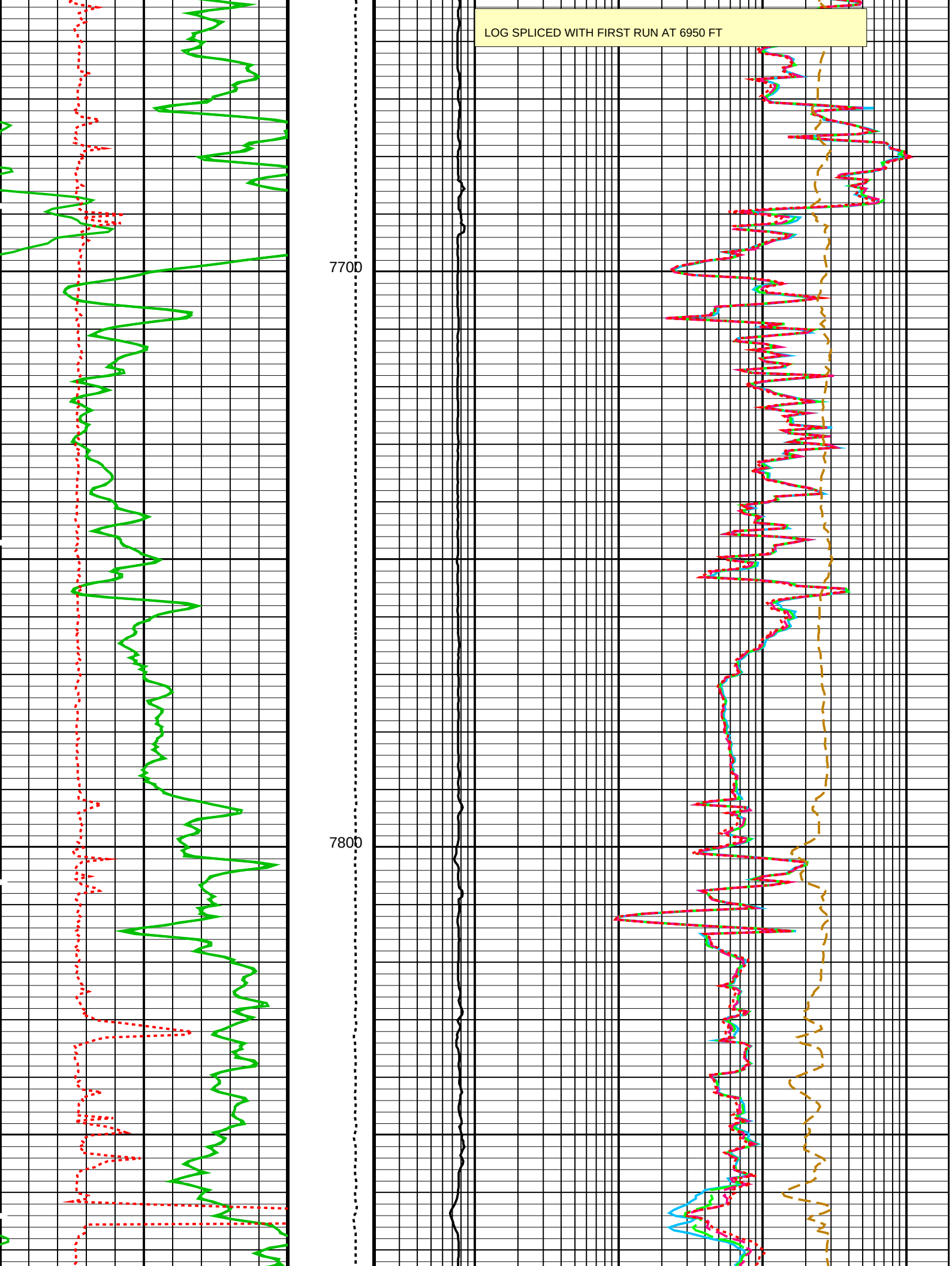
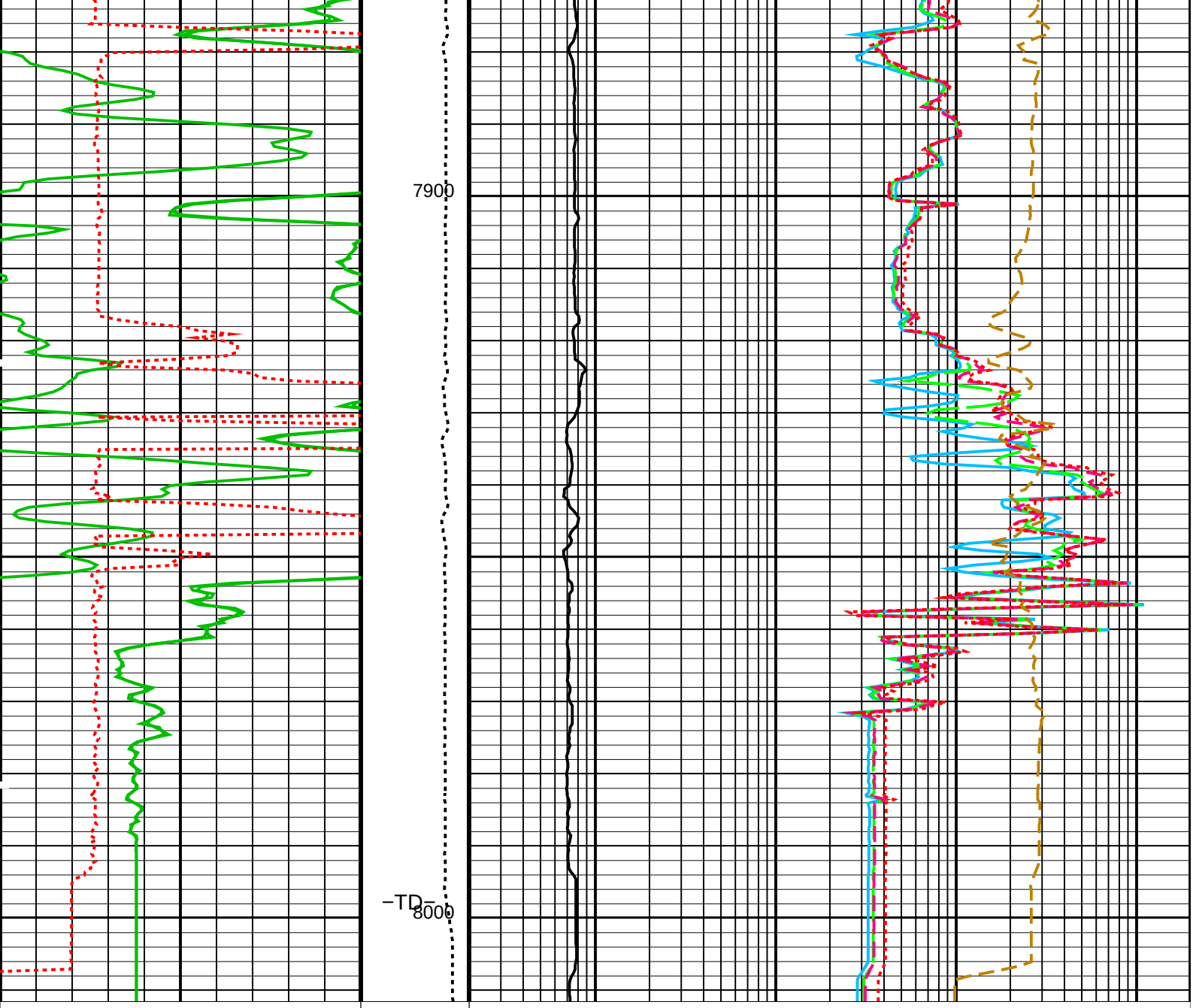
7600


LOG SPLICED WITH FIRST RUN AT 6950 FT
7700
7800



Gamma Ray (GR)
0 (GAPI) 200

Tension (TENS) (LBF)
10000 0

HRLT Caliper (HCAL)
6 (IN) 16

HRLT Resistivity 2 (RLA2)
0.2 (OHMM) 2000

HRLT Resistivity 3 (RLA3)
0.2 (OHMM) 2000

HRLT Resistivity 4 (RLA4)
0.2 (OHMM) 2000

HRLT Resistivity 5 (RLA5)
0.2 (OHMM) 2000

Rxo Resistivity (RXOZ)
0.2 (OHMM) 2000

HRLT Mud Resistivity (RM_HRLT)
0.002 (OHMM) 20

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value

DLIS Name	Description	Value	
	HILTH−FTB: High resolution Integrated Logging Tool−DTS		
BHT	Bottom Hole Temperature (used in calculations)	125	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
MPOF	MCFL Processing Operation Mode	ON	
PROCINV	Inversion Selection	ON	
PROCMFL	Inversion Micro−Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	1.5	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSPO	Sonde Position	Eccentered	
SHT	Surface Hole Temperature	68	DEGF
	HOLEV: Integrated Hole/Cement Volume		
BHT	Bottom Hole Temperature (used in calculations)	125	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
	System and Miscellaneous		
BS	Bit Size	8.750	IN
DO	Depth Offset for Playback	0.0	FT
MST	Mud Sample Temperature	103.00	DEGF
PP	Playback Processing	NORMAL	
TD	Total Depth	7997	FT

Format: HRLT_MAIN Vertical Scale: 5" per 100' Graphics File Created: 08−May−2010 06:15

OP System Version: 17C0−154

HILTH−FTB	17C0−154	DTC−H	17C0−154

Input DLIS Files

DEFAULT	MERGE_TLD_MCFL_CNL_018GUP	FN:1	PRODUCER	08−May−2010 06:12	8011.5 FT	21.0 FT

Output DLIS Files

DEFAULT	TLD_MCFL_CNL_019PUP	FN:14	PRODUCER	08−May−2010 06:14		

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Repeat Pass
5 Inch / 100 Feet

MAXIS Field Log

Company: STONE ENERGY Well: POTOCZNY UNIT A 1−H

Input DLIS Files

DEFAULT	TLD_MCFL_CNL_007LUP	FN:6	PRODUCER	06−May−2010 14:03	7991.0 FT	7677.5 FT

Output DLIS Files

DEFAULT	TLD_MCFL_CNL_012PUP	FN:11	PRODUCER	06−May−2010 16:38	7993.0 FT	7679.5 FT

OP System Version: 17C0−154

HILTH−FTB	17C0−154	EDTC−B	SKK−3882−EDTCB

PIP SUMMARY

Time Mark Every 60 S

HRLT Mud Resistivity (RM_HRLT)
0.02 (OHMM) 200

Rxo Resistivity (RXOZ)
0.2 (OHMM) 2000

HRLT Resistivity 5 (RLA5)
0.2 (OHMM) 2000

HRLT Resistivity 4 (RLA4)
0.2 (OHMM) 2000

HRLT Caliper (HCAL)
6 (IN) 16

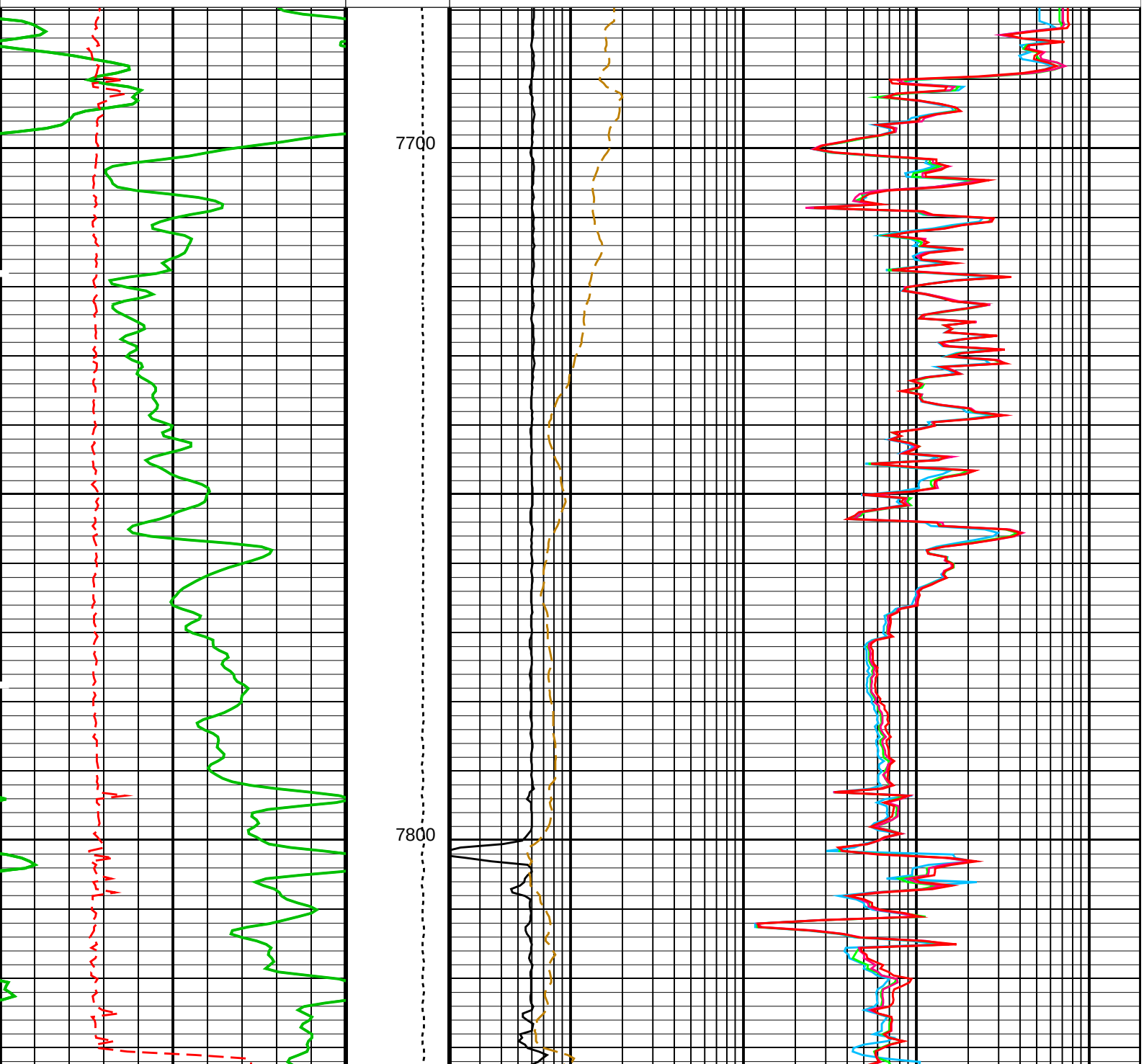
Stuck Stretch (STIT)
0 (F) 50

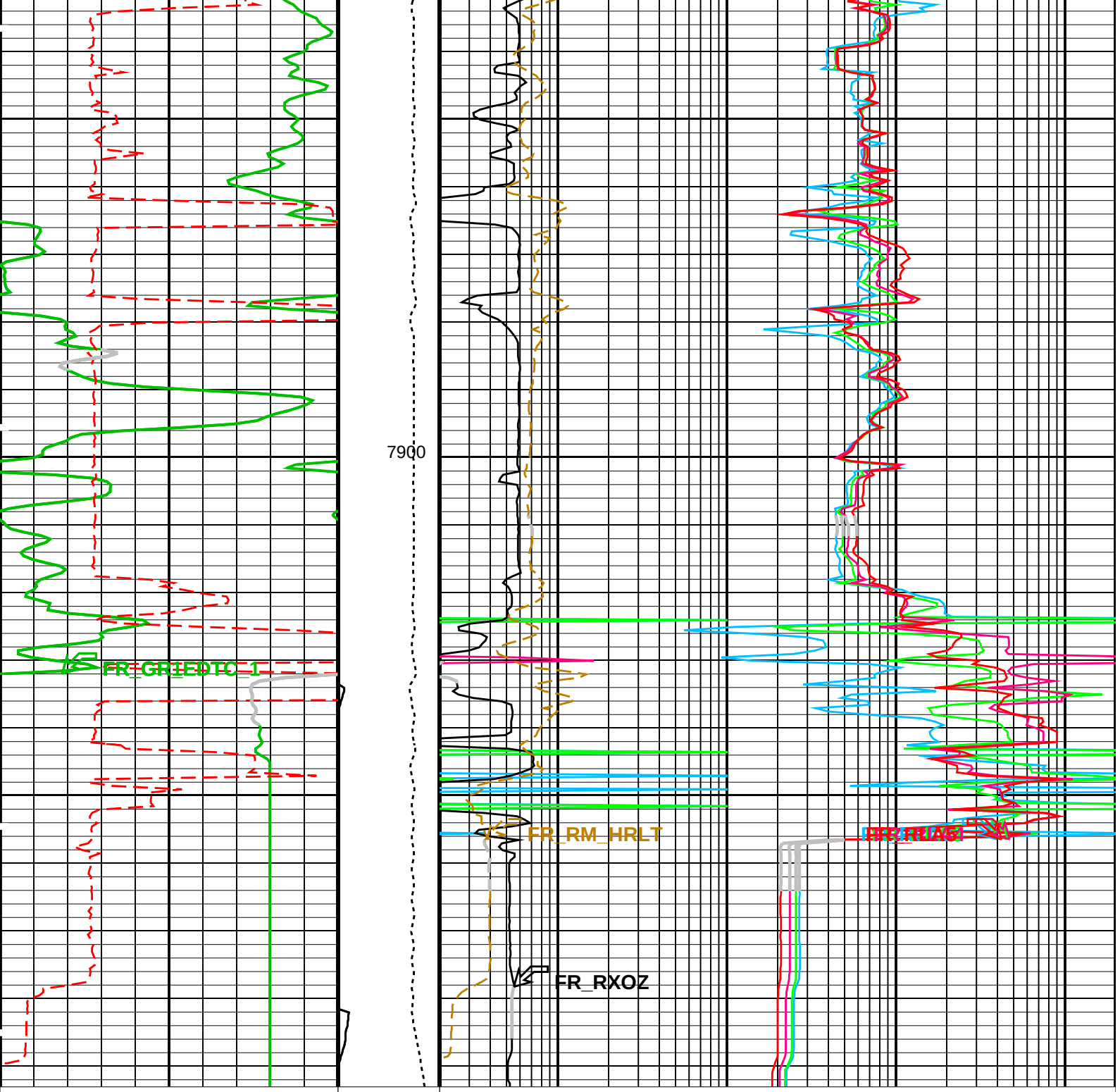
HRLT Resistivity 3 (RLA3)
0.2 (OHMM) 2000

Gamma Ray (GR)
0 (GAPI) 200

Tension (TENS) (LBF)
10000 0

HRLT Resistivity 2 (RLA2)
0.2 (OHMM) 2000





Gamma Ray (GR)	Tension (TENS)	HRLT Resistivity 2 (RLA2)
0 (GAPI) 200	(LBF) 10000 0	0.2 (OHMM) 2000
HRLT Caliper (HCAL)	**Stuck Stretch (STIT)**	**HRLT Resistivity 3 (RLA3)**
6 (IN) 16	0 (F) 50	0.2 (OHMM) 2000
		HRLT Resistivity 4 (RLA4)
		0.2 (OHMM) 2000
		HRLT Resistivity 5 (RLA5)
		0.2 (OHMM) 2000
		Rxo Resistivity (RXOZ)
		0.2 (OHMM) 2000

HRLT Mud Resistivity (RM_HRLT)

0.02 (OHMM) 200

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	HILTH−FTB: High resolution Integrated Logging Tool−DTS		
BHT	Bottom Hole Temperature (used in calculations)	125	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
KFAC_HRLT	HRLT K Factor Option	SONDE	
MPOF	MCFL Processing Operation Mode	ON	
PROCINV	Inversion Selection	ON	
PROCMFL	Inversion Micro−Resistivity Selection	NO_EXTERNAL_RXO	
PROCMSO	Mechanical Standoff Fin Size	1.5	IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute	
PROCSPO	Sonde Position	Eccentered	
SHT	Surface Hole Temperature	68	DEGF
	EDTC−B: Enhanced DTS Cartridge		
BHT	Bottom Hole Temperature (used in calculations)	125	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
	HOLEV: Integrated Hole/Cement Volume		
BHT	Bottom Hole Temperature (used in calculations)	125	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	68	DEGF
	STI: Stuck Tool Indicator		
LBFR	Trigger for MAXIS First Reading Label	STI	
STKT	STI Stuck Threshold	2.5	FT
TDD	Total Depth − Driller	7996.00	FT
TDL	Total Depth − Logger	7982.00	FT
	System and Miscellaneous		
BS	Bit Size	8.750	IN
DO	Depth Offset for Playback	2.0	FT
MST	Mud Sample Temperature	103.00	DEGF
PP	Playback Processing	NORMAL	
TD	Total Depth	7996	FT

Format: HRLT_REPEAT Vertical Scale: 5" per 100’ Graphics File Created: 06−May−2010 16:38

OP System Version: 17C0−154

HILTH−FTB	17C0−154	EDTC−B	SKK−3882−EDTCB

Input DLIS Files

DEFAULT	TLD_MCFL_CNL_007LUP	FN:6	PRODUCER	06−May−2010 14:03	7991.0 FT	7677.5 FT

Output DLIS Files

DEFAULT	TLD_MCFL_CNL_012PUP	FN:11	PRODUCER	06−May−2010 16:38

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Calibration Listing

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT M01							
Before: 6−May−2010 13:48							
HRLT M0−M1 Voltage Plus − 0	0	N/A	−315.2	N/A	N/A	9.681	UV
HRLT M0−M1 Voltage Plus − 1	0	N/A	−305.4	N/A	N/A	9.681	UV
HRLT M0−M1 Voltage Plus − 2	0	N/A	−316.1	N/A	N/A	9.681	UV
HRLT M0−M1 Voltage Plus − 3	0	N/A	−311.6	N/A	N/A	9.681	UV
HRLT M0−M1 Voltage Plus − 4	0	N/A	−311.3	N/A	N/A	9.681	UV
HRLT M0−M1 Voltage Plus − 5	0	N/A	−317.8	N/A	N/A	9.681	UV
HRLT M0−M1 Voltage Plus − 6	0	N/A	300.8	N/A	N/A	9.681	UV
HRLT M0−M1 Voltage Plus − 7	0	N/A	−322.7	N/A	N/A	9.681	UV
High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT M12							
Before: 6−May−2010 13:48							
HRLT M1−M2 Voltage Plus − 0	0	N/A	1721	N/A	N/A	53.42	UV
HRLT M1−M2 Voltage Plus − 1	0	N/A	1666	N/A	N/A	53.42	UV
HRLT M1−M2 Voltage Plus − 2	0	N/A	1719	N/A	N/A	53.42	UV
HRLT M1−M2 Voltage Plus − 3	0	N/A	1696	N/A	N/A	53.42	UV
HRLT M1−M2 Voltage Plus − 4	0	N/A	1696	N/A	N/A	53.42	UV
HRLT M1−M2 Voltage Plus − 5	0	N/A	1733	N/A	N/A	53.42	UV
HRLT M1−M2 Voltage Plus − 6	0	N/A	−1648	N/A	N/A	53.42	UV
HRLT M1−M2 Voltage Plus − 7	0	N/A	1781	N/A	N/A	53.42	UV
High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT M23							
Before: 6−May−2010 13:48							
HRLT M2−M3 Voltage Plus − 0	0	N/A	1722	N/A	N/A	53.42	UV
HRLT M2−M3 Voltage Plus − 1	0	N/A	1677	N/A	N/A	53.42	UV
HRLT M2−M3 Voltage Plus − 2	0	N/A	1733	N/A	N/A	53.42	UV
HRLT M2−M3 Voltage Plus − 3	0	N/A	1712	N/A	N/A	53.42	UV
HRLT M2−M3 Voltage Plus − 4	0	N/A	1707	N/A	N/A	53.42	UV
HRLT M2−M3 Voltage Plus − 5	0	N/A	1745	N/A	N/A	53.42	UV
HRLT M2−M3 Voltage Plus − 6	0	N/A	−1648	N/A	N/A	53.42	UV
HRLT M2−M3 Voltage Plus − 7	0	N/A	1781	N/A	N/A	53.42	UV
High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT V34							
Before: 6−May−2010 13:48							
HRLT A3−A4 Voltage Plus − 0	0	N/A	68080	N/A	N/A	2100	UV
HRLT A3−A4 Voltage Plus − 1	0	N/A	66540	N/A	N/A	2100	UV
HRLT A3−A4 Voltage Plus − 2	0	N/A	68950	N/A	N/A	2100	UV
HRLT A3−A4 Voltage Plus − 3	0	N/A	68240	N/A	N/A	2100	UV
HRLT A3−A4 Voltage Plus − 4	0	N/A	67840	N/A	N/A	2100	UV
HRLT A3−A4 Voltage Plus − 5	0	N/A	69350	N/A	N/A	2100	UV
HRLT A3−A4 Voltage Plus − 6	0	N/A	−64460	N/A	N/A	2100	UV
HRLT A3−A4 Voltage Plus − 7	0	N/A	70000	N/A	N/A	2100	UV
High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT V45							
Before: 6−May−2010 13:48							
HRLT A4−A5 Voltage Plus − 0	0	N/A	67960	N/A	N/A	2100	UV
HRLT A4−A5 Voltage Plus − 1	0	N/A	66240	N/A	N/A	2100	UV
HRLT A4−A5 Voltage Plus − 2	0	N/A	68700	N/A	N/A	2100	UV
HRLT A4−A5 Voltage Plus − 3	0	N/A	68030	N/A	N/A	2100	UV
HRLT A4−A5 Voltage Plus − 4	0	N/A	67690	N/A	N/A	2100	UV
HRLT A4−A5 Voltage Plus − 5	0	N/A	69220	N/A	N/A	2100	UV
HRLT A4−A5 Voltage Plus − 6	0	N/A	−64160	N/A	N/A	2100	UV
HRLT A4−A5 Voltage Plus − 7	0	N/A	70000	N/A	N/A	2100	UV
High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT V56							
Before: 6−May−2010 13:48							
HRLT A5−A6 Voltage Plus − 0	0	N/A	67820	N/A	N/A	2100	UV
HRLT A5−A6 Voltage Plus − 1	0	N/A	65800	N/A	N/A	2100	UV
HRLT A5−A6 Voltage Plus − 2	0	N/A	68330	N/A	N/A	2100	UV
HRLT A5−A6 Voltage Plus − 3	0	N/A	67740	N/A	N/A	2100	UV
HRLT A5−A6 Voltage Plus − 4	0	N/A	67530	N/A	N/A	2100	UV
HRLT A5−A6 Voltage Plus − 5	0	N/A	69070	N/A	N/A	2100	UV
HRLT A5−A6 Voltage Plus − 6	0	N/A	−63690	N/A	N/A	2100	UV
HRLT A5−A6 Voltage Plus − 7	0	N/A	70000	N/A	N/A	2100	UV
High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT VTP							
Before: 6−May−2010 13:48							
HRLT Torpedo−M0 Voltage − 0	0	N/A	−67370	N/A	N/A	2100	UV
HRLT Torpedo−M0 Voltage − 1	0	N/A	−65760	N/A	N/A	2100	UV
HRLT Torpedo−M0 Voltage − 2	0	N/A	−68280	N/A	N/A	2100	UV
HRLT Torpedo−M0 Voltage − 3	0	N/A	−67710	N/A	N/A	2100	UV

HRLT Torpedo−M0 Voltage − 4	0	N/A	−67510	N/A	N/A	2100	UV
HRLT Torpedo−M0 Voltage − 5	0	N/A	−69070	N/A	N/A	2100	UV
HRLT Torpedo−M0 Voltage − 6	0	N/A	63630	N/A	N/A	2100	UV
HRLT Torpedo−M0 Voltage − 7	0	N/A	−70000	N/A	N/A	2100	UV

High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT VBD
Before: 6−May−2010 13:48

HRLT Bridle#9−M0 Voltage − 0	0	N/A	−67420	N/A	N/A	2100	UV
HRLT Bridle#9−M0 Voltage − 1	0	N/A	−65770	N/A	N/A	2100	UV
HRLT Bridle#9−M0 Voltage − 2	0	N/A	−68310	N/A	N/A	2100	UV
HRLT Bridle#9−M0 Voltage − 3	0	N/A	−67740	N/A	N/A	2100	UV
HRLT Bridle#9−M0 Voltage − 4	0	N/A	−67550	N/A	N/A	2100	UV
HRLT Bridle#9−M0 Voltage − 5	0	N/A	−69110	N/A	N/A	2100	UV
HRLT Bridle#9−M0 Voltage − 6	0	N/A	63650	N/A	N/A	2100	UV
HRLT Bridle#9−M0 Voltage − 7	0	N/A	−70000	N/A	N/A	2100	UV

High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT ISO
Before: 6−May−2010 13:48

HRLT Source Current Plus − 0	0	N/A	281.2	N/A	N/A	8.520	UA
HRLT Source Current Plus − 1	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus − 2	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus − 3	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus − 4	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus − 5	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus − 6	0	N/A	281.1	N/A	N/A	8.520	UA
HRLT Source Current Plus − 7	0	N/A	281.1	N/A	N/A	8.520	UA

High resolution Integrated Logging Tool−DTS Wellsite Calibration − HRLT MV
Before: 6−May−2010 13:48

HRLT Vertical Voltage Pl − 0	0	N/A	−315.3	N/A	N/A	9.681	UV
HRLT Vertical Voltage Pl − 1	0	N/A	−297.9	N/A	N/A	9.681	UV
HRLT Vertical Voltage Pl − 2	0	N/A	−307.2	N/A	N/A	9.681	UV
HRLT Vertical Voltage Pl − 3	0	N/A	−302.0	N/A	N/A	9.681	UV
HRLT Vertical Voltage Pl − 4	0	N/A	−299.0	N/A	N/A	9.681	UV
HRLT Vertical Voltage Pl − 5	0	N/A	−320.0	N/A	N/A	9.681	UV
HRLT Vertical Voltage Pl − 6	0	N/A	305.7	N/A	N/A	9.681	UV
HRLT Vertical Voltage Pl − 7	0	N/A	−322.7	N/A	N/A	9.681	UV

High resolution Integrated Logging Tool−DTS / Equipment Identification

Primary Equipment:

High Resolution Laterolog Array − B	HRLT − B	785
HRLT IP Dummy Cartridge	DUMM − A	

Auxiliary Equipment:

High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT M01

Idx	Phase	HRLT M0−M1 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		−315.2	−322.7	−280.7	−379.7
1	Before		−305.4	−322.7	−280.7	−379.7
2	Before		−316.1	−322.7	−280.7	−379.7
3	Before		−311.6	−322.7	−280.7	−379.7
4	Before		−311.3	−322.7	−280.7	−379.7
5	Before		−317.8	−322.7	−280.7	−379.7
6	Before		300.8	322.7	379.7	280.7
7	Before		−322.7	−322.7	−280.7	−379.7
		(Minimum) (Nominal) (Maximum)				

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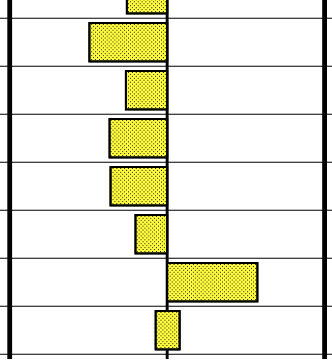
High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT M12

Idx	Phase	HRLT M1−M2 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1721	1781	2095	1549

0	Before		1721	1781	2095	1549
1	Before		1666	1781	2095	1549
2	Before		1719	1781	2095	1549
3	Before		1696	1781	2095	1549
4	Before		1696	1781	2095	1549
5	Before		1733	1781	2095	1549
6	Before		−1648	−1781	−1549	−2095
7	Before		1781	1781	2095	1549
		(Minimum) (Nominal) (Maximum)				

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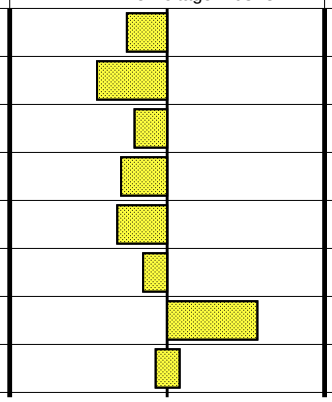
High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT M23

Idx	Phase	HRLT M2−M3 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1722	1781	2095	1549
1	Before		1677	1781	2095	1549
2	Before		1733	1781	2095	1549
3	Before		1712	1781	2095	1549
4	Before		1707	1781	2095	1549
5	Before		1745	1781	2095	1549
6	Before		−1648	−1781	−1549	−2095
7	Before		1781	1781	2095	1549
		(Minimum) (Nominal) (Maximum)				

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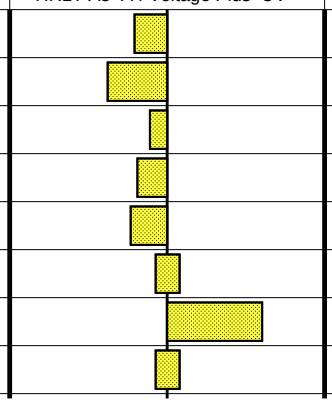
High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT V34

Idx	Phase	HRLT A3−A4 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68080	70000	82360	60900
1	Before		66540	70000	82360	60900
2	Before		68950	70000	82360	60900
3	Before		68240	70000	82360	60900
4	Before		67840	70000	82360	60900
5	Before		69350	70000	82360	60900
6	Before		−64460	−70000	−60900	−82360
7	Before		70000	70000	82360	60900
		(Minimum) (Nominal) (Maximum)				

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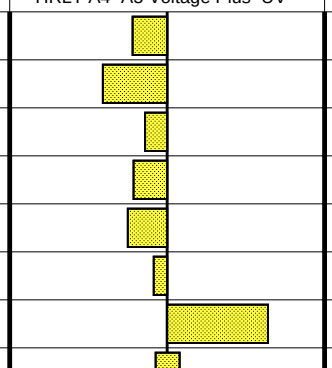
High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT V45

Idx	Phase	HRLT A4−A5 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		67960	70000	82360	60900
1	Before		66240	70000	82360	60900
2	Before		68700	70000	82360	60900
3	Before		68030	70000	82360	60900
4	Before		67690	70000	82360	60900
5	Before		69220	70000	82360	60900
6	Before		−64160	−70000	−60900	−82360

7	Before		70000	70000	82360	60900
		(Minimum) (Nominal) (Maximum)				

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High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT V56

Idx	Phase	HRLT A5−A6 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		67820	70000	82360	60900
1	Before		65800	70000	82360	60900
2	Before		68330	70000	82360	60900
3	Before		67740	70000	82360	60900
4	Before		67530	70000	82360	60900
5	Before		69070	70000	82360	60900
6	Before		−63690	−70000	−60900	−82360
7	Before		70000	70000	82360	60900
		(Minimum) (Nominal) (Maximum)				

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High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT VTP

Idx	Phase	HRLT Torpedo−M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		−67370	−70000	−60900	−82360
1	Before		−65760	−70000	−60900	−82360
2	Before		−68280	−70000	−60900	−82360
3	Before		−67710	−70000	−60900	−82360
4	Before		−67510	−70000	−60900	−82360
5	Before		−69070	−70000	−60900	−82360
6	Before		63630	70000	82360	60900
7	Before		−70000	−70000	−60900	−82360
		(Minimum) (Nominal) (Maximum)				

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High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT VBD

Idx	Phase	HRLT Bridle#9−M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		−67420	−70000	−60900	−82360
1	Before		−65770	−70000	−60900	−82360
2	Before		−68310	−70000	−60900	−82360
3	Before		−67740	−70000	−60900	−82360
4	Before		−67550	−70000	−60900	−82360
5	Before		−69110	−70000	−60900	−82360
6	Before		63650	70000	82360	60900
7	Before		−70000	−70000	−60900	−82360
		(Minimum) (Nominal) (Maximum)				

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High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT ISO

Idx	Phase	HRLT Source Current Plus UA	Value	Nominal	Maximum	Minimum
0	Before		281.2	284.0	334.1	247.0
1	Before		281.1	281.1	330.7	244.4

2	Before		281.1	281.1	330.7	244.4
3	Before		281.1	281.1	330.7	244.4
4	Before		281.1	281.1	330.7	244.4
5	Before		281.1	281.1	330.7	244.4
6	Before		281.1	281.1	330.7	244.4
7	Before		281.1	281.1	330.7	244.4
		(Minimum) (Nominal) (Maximum)				

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High resolution Integrated Logging Tool−DTS Wellsite Calibration

HRLT MV

Idx	Phase	HRLT Vertical Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		−315.3	−322.7	−280.7	−379.7
1	Before		−297.9	−322.7	−280.7	−379.7
2	Before		−307.2	−322.7	−280.7	−379.7
3	Before		−302.0	−322.7	−280.7	−379.7
4	Before		−299.0	−322.7	−280.7	−379.7
5	Before		−320.0	−322.7	−280.7	−379.7
6	Before		305.7	322.7	379.7	280.7
7	Before		−322.7	−322.7	−280.7	−379.7
		(Minimum) (Nominal) (Maximum)				

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DTS Telemetry Tool / Equipment Identification

Primary Equipment:

DTC−H Auxiliary Cartridge	DTCH − A
DTC−H Telemetry Cartridge	DTCH − A

Auxiliary Equipment:

DTCH Telemetry Cartridge Housing	ECH − KC

Company: **STONE ENERGY**

Schlumberger

Well: **POTOCZNY UNIT A 1−H**
Field: **FARMINGTON**
County: **MARION**
State: **WEST VIRGINIA**

PLATFORM EXPRESS
ARRAY LATEROLOG
CALIPER / GAMMA RAY