

DISCLAIMER




THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

REMARKS: RUN NUMBER 1

Hole drilled with RCB bottom hole assembly (BHA) at 9-7/8" BS
 Pipe positioned at bottom of hole, approximately 100m below sea floor.
 Sea Floor: 4158.7mbrf Casing Shoe: 4916 mbrf Bit: 4221.7mbrf
 Hole collapsed during pipe trip up to logging depth, so client requested GR in casing with attempt to log whatever portion of the OH section may be accessible with HRLA-HNGS only.
 Hole originally displaced with 11 PPG mud, but subsequently displaced with sea water again in the course of pumping to free stuck pipe during pipe POOH prior to logging.
 Entire string centralized using two modified MCD 3-arm spring centralizers as per toolsketch.
 Hole found obstructed at a depth of 4967.6mbrf; repeat and main passes conducted from there up.
 Logger's sae floor picked using GR data at 4158.7mbrf.
 Logger's pipe depth picked using GR data at 4221.7mbrf
 Logger's casing shoe picked using HRLA data at 4919mbrf
 Logging mode set to Cased Hole for GR corrections.
 Active Heave Compensation used throughout data acquisition as sea state was variable up to a maximum of 2.6m p-p heave.

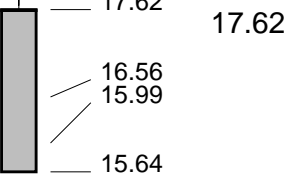
RUN 1			RUN 2		
SERVICE ORDER #: 19C0-187			SERVICE ORDER #:		
PROGRAM VERSION:			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT			
GSR-U 616008 WITM (EDTS)-A			
DOWNHOLE EQUIPMENT			
LEH-QT LEH-QT 301	 18.95		
AH-369	 18.06		
MDSB_EDTC MudTemp	 17.62		

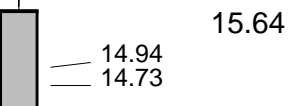
EDTC-B
 EDTH-B 8303
 EDTC-B 8317
 EDTG-A/B 8305

Mud Tempe
 CTEM
 Gamma Ray
 EFTB DIAG
 TelStatus
 EDTCB Ele



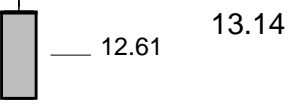
HNGS-BA
 HNGS-BA 177
 HNSH-BA 174

Upper_1
 Lower_2

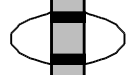


HNGC-B
 HNGH-A 380
 HNGC-B 439

HNGC Stat

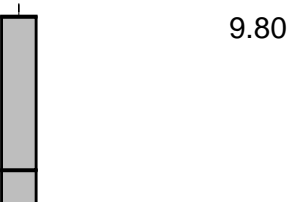


AH-MCD
 AH-MCD 57

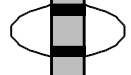


HRLT-B
 HRUH-B 978
 HRUC-B 764
 HRLS-B 768
 HRLH-B 968
 HRLC-B 974
 AH-270 1708

High Res.

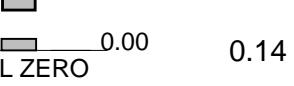


AH-MCD2
 AH-MCD2 2



BNS-CCS
 DF ACCZ
 Tension HV

TOOL ZERO

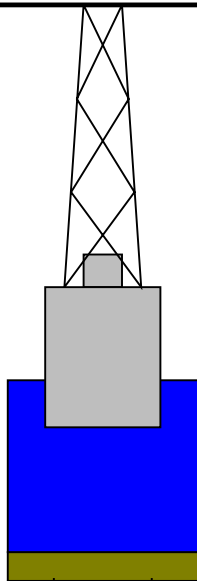


MAXIMUM STRING DIAMETER 3.75 IN
 MEASUREMENTS RELATIVE TO TOOL ZERO
 ALL LENGTHS IN METERS

Kelly Bushing Elevation 0.0

Derrick Floor Elevation 0.0

Mean Sea Level 11.0



4158.7

Sea Floor

4221.50000

Bit

4916.075000

Casing Shoe
Borehole Segme

4916.075

5590.875

Total Depth – Dri

Schlumberger

**Main Pass
1:200 Scale**

MAXIS Field Log

Output DLIS Files

DEFAULT	HRLA_NGS_024LUP	FN:27	PRODUCER	05-Sep-2016 04:23	4967.5 M	4139.9 M
RTB	HRLA_NGS_024LUP	FN:28	PRODUCER	05-Sep-2016 04:23	4967.5 M	4139.9 M

OP System Version: 19C0-187

HRLT-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray (HSGR)

HNGS Borehole Potassium (HBHK)

-0.05 (----) 0.05

(GAPI) 100

Area1
From HCGR to HSGR

Calibrated
Downhole
Force
(CDF)
(LBF)
3000 0

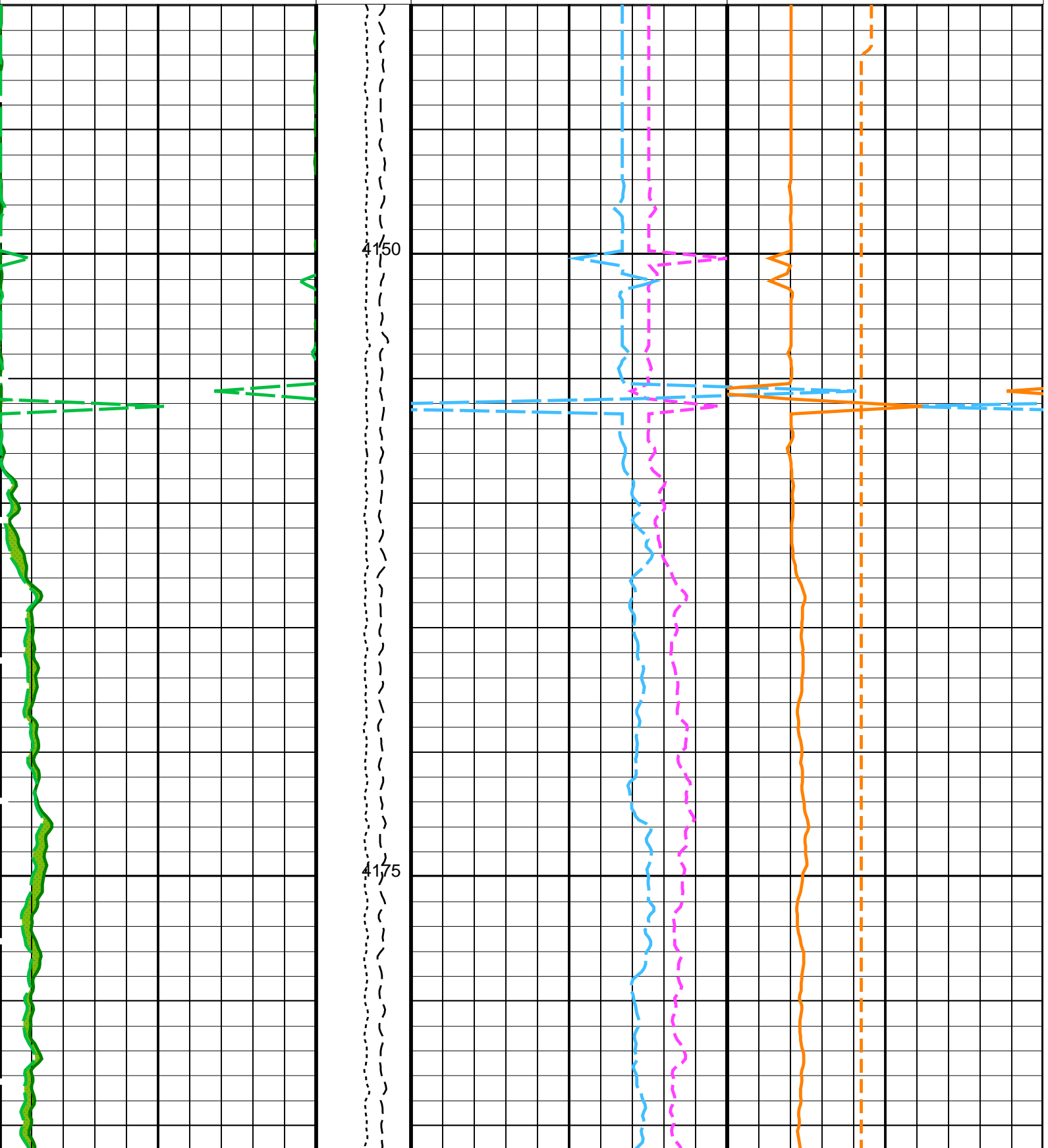
HNGS Uranium (HURA)
(PPM)
-5 10

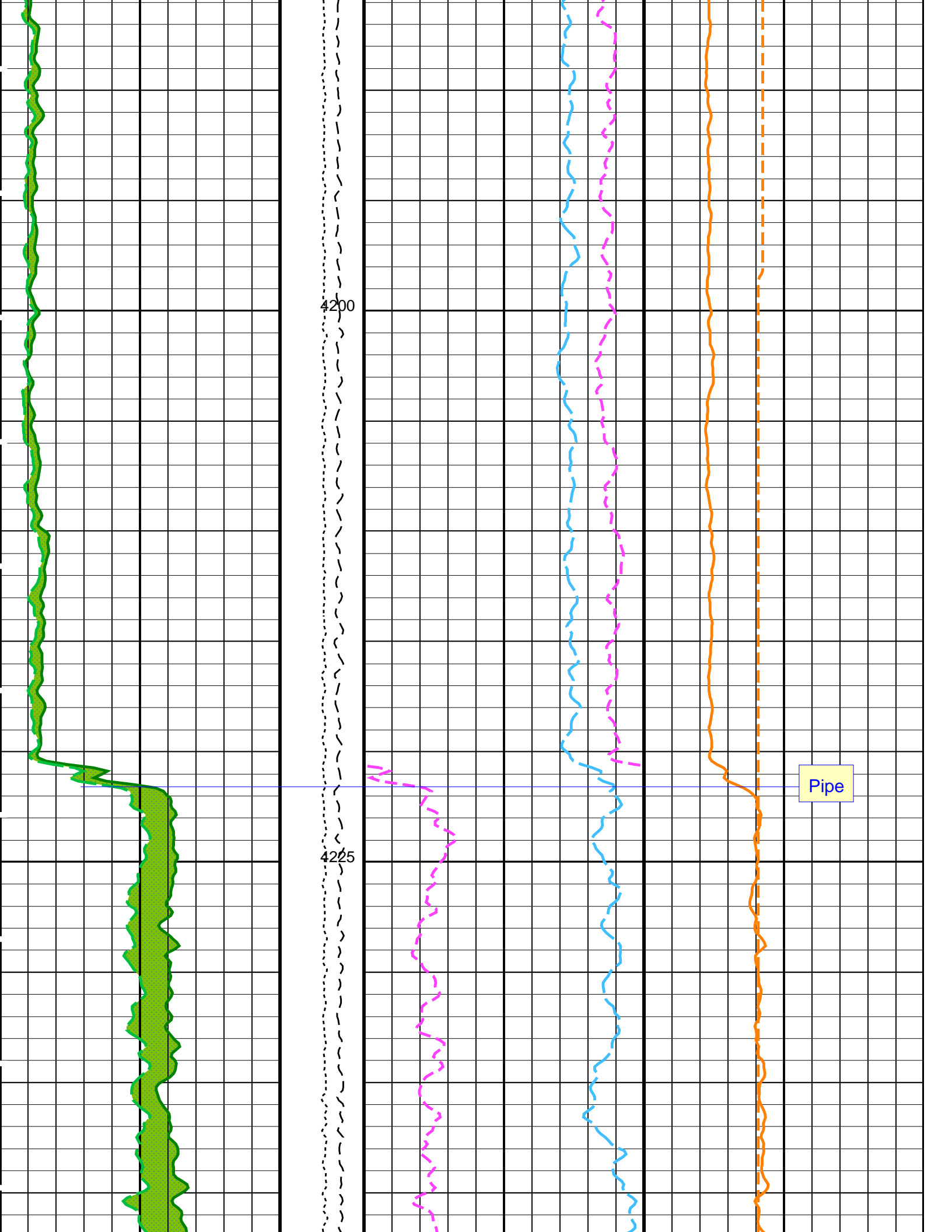
HNGS Computed Gamma Ray (HCGR)
(GAPI) 0 100

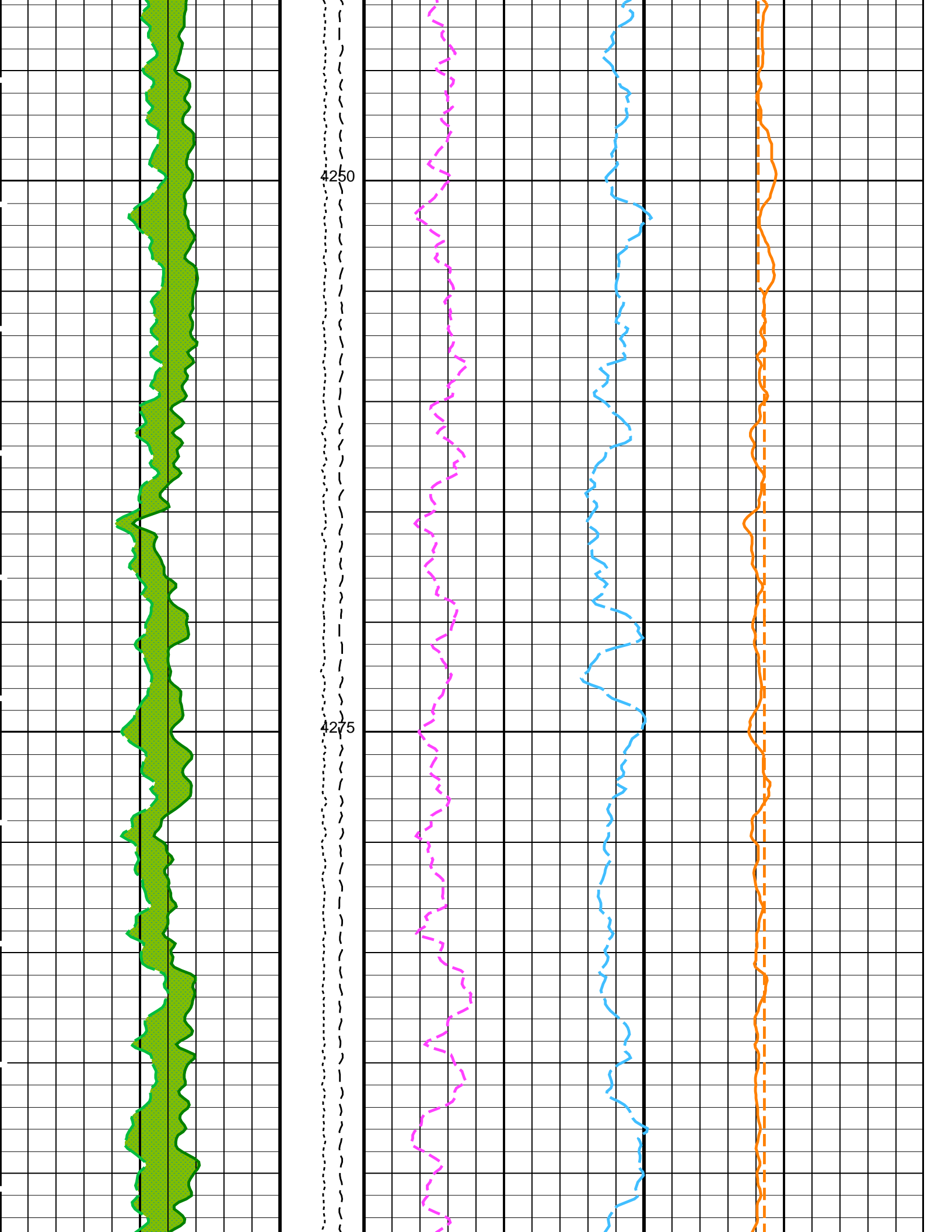
Tension
(TENS)
(LBF)
10000 0

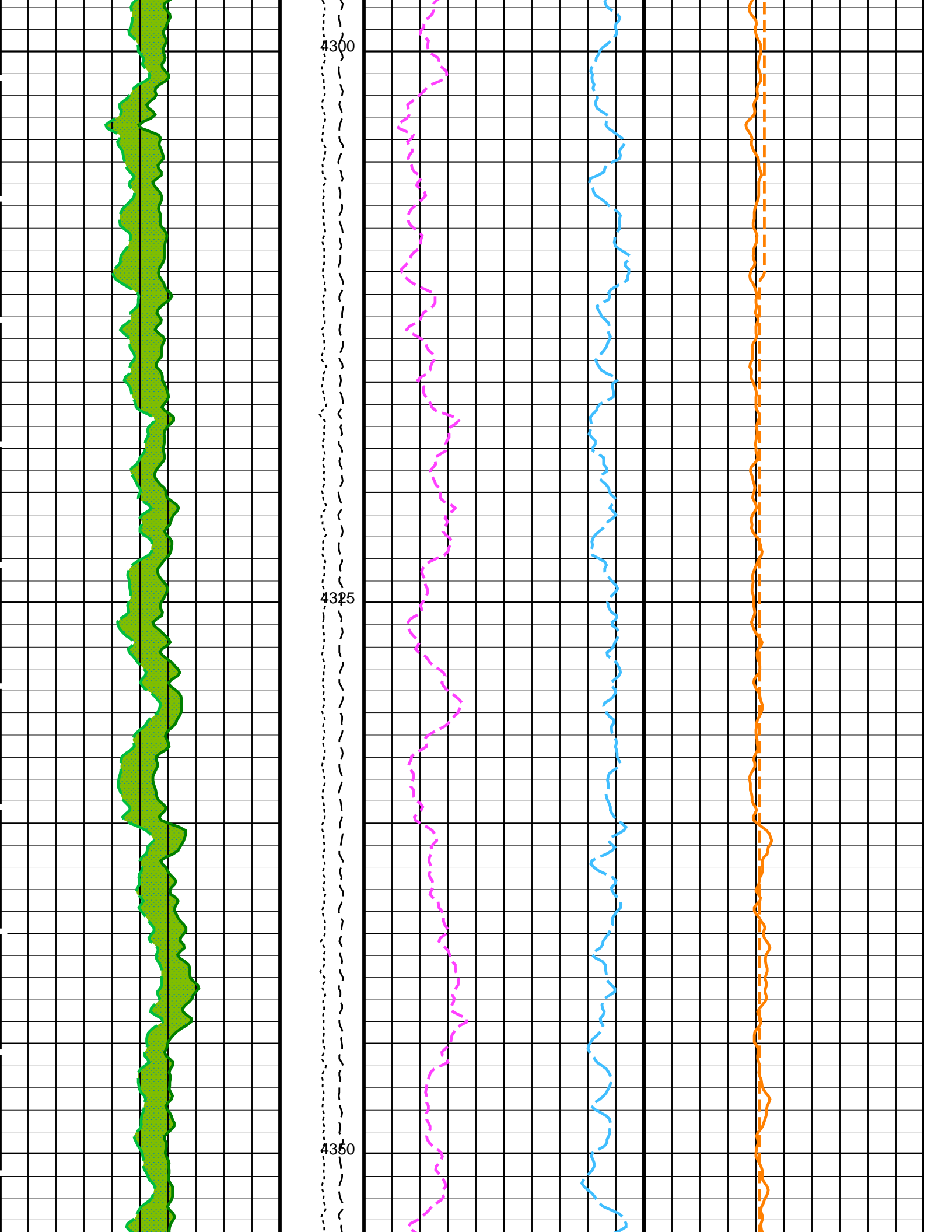
HNGS Thorium (HTHO)
(PPM) 5 25

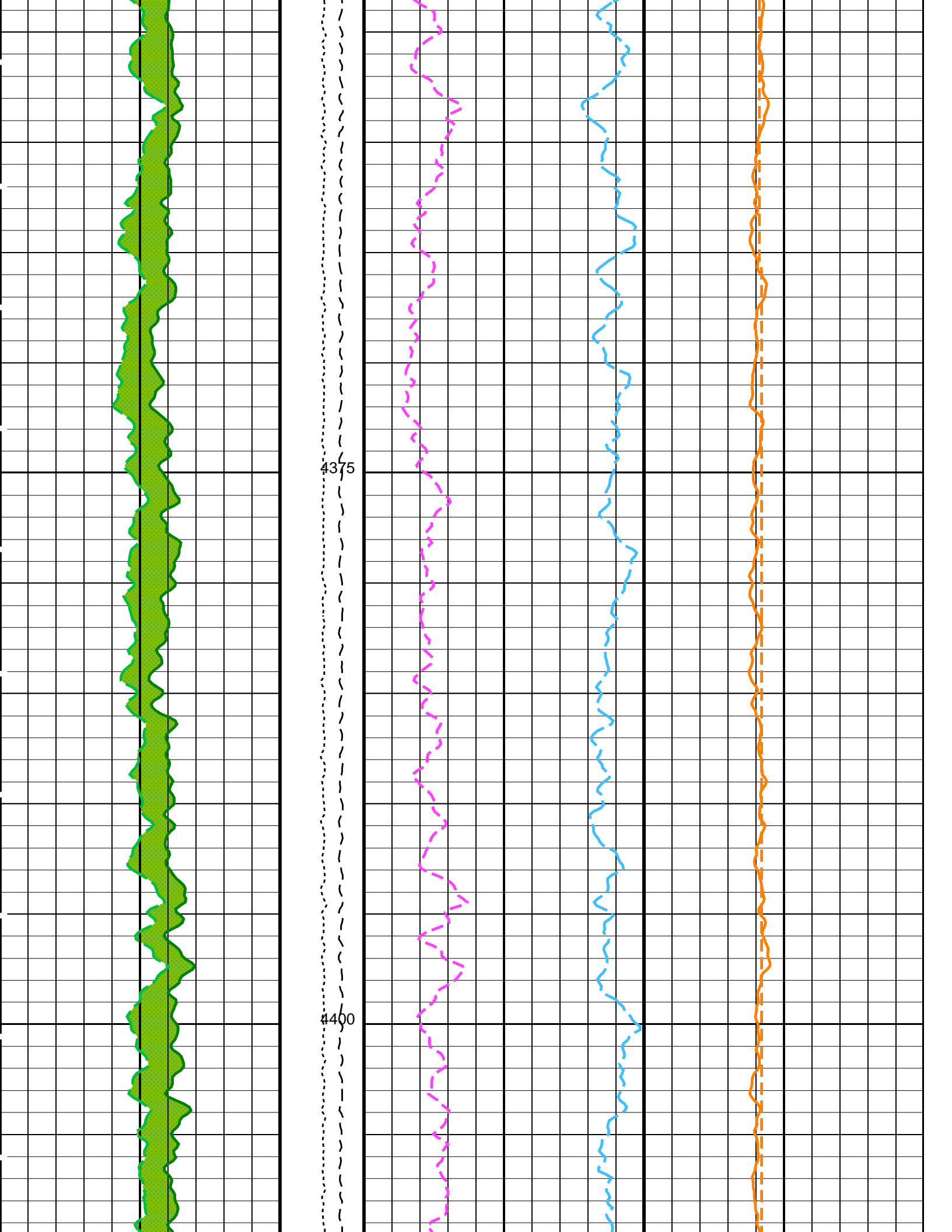
HNGS Potassium (HFK)
(-----) -0.01 0.04

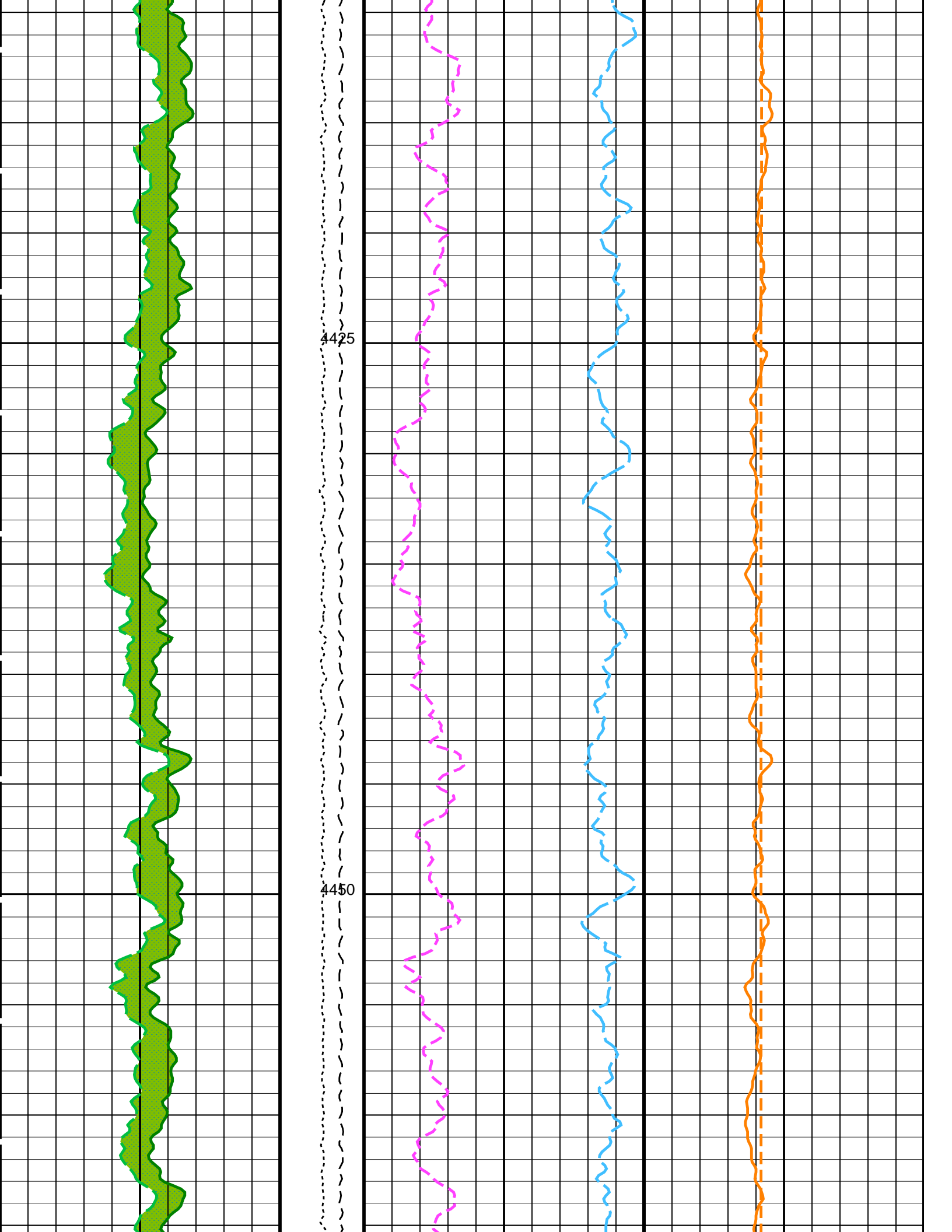


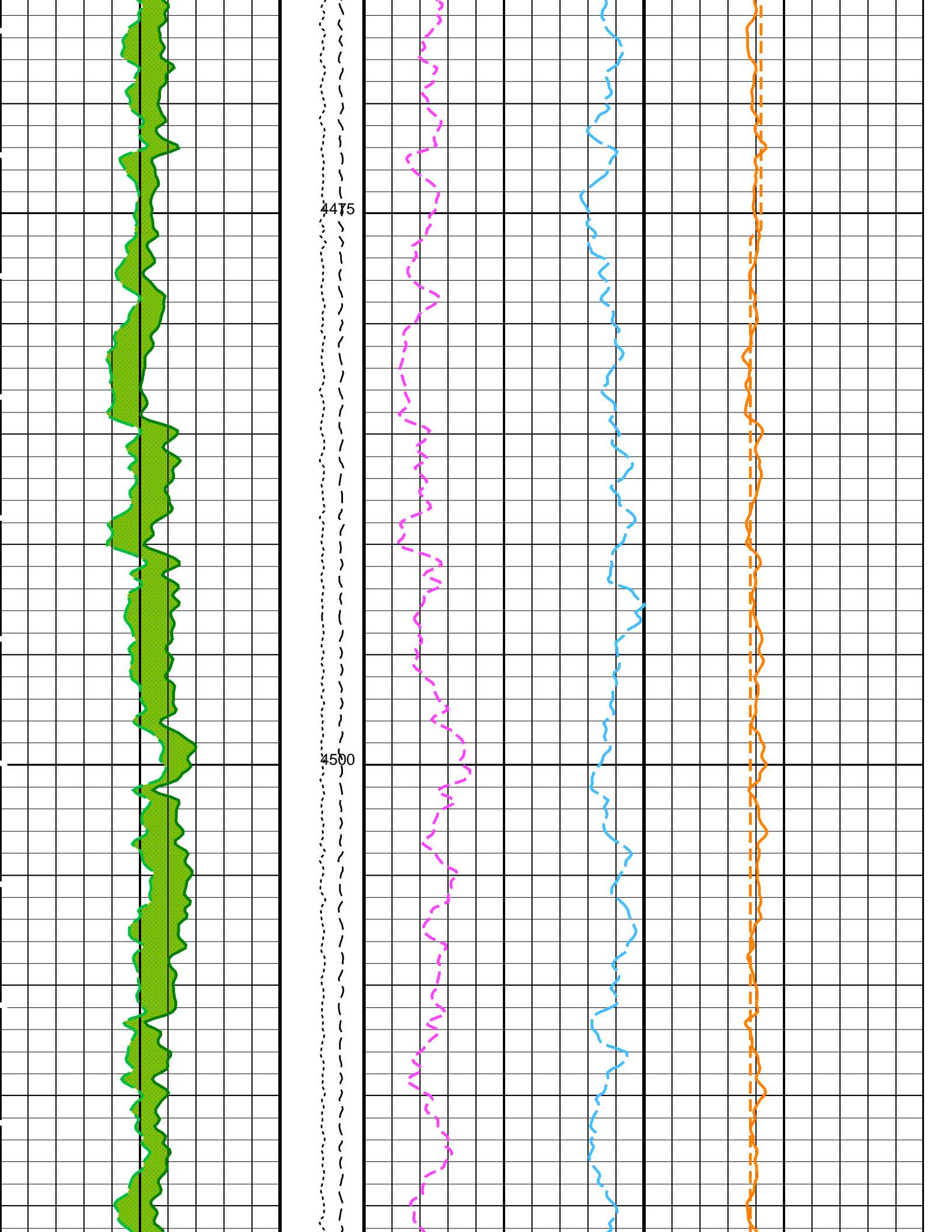


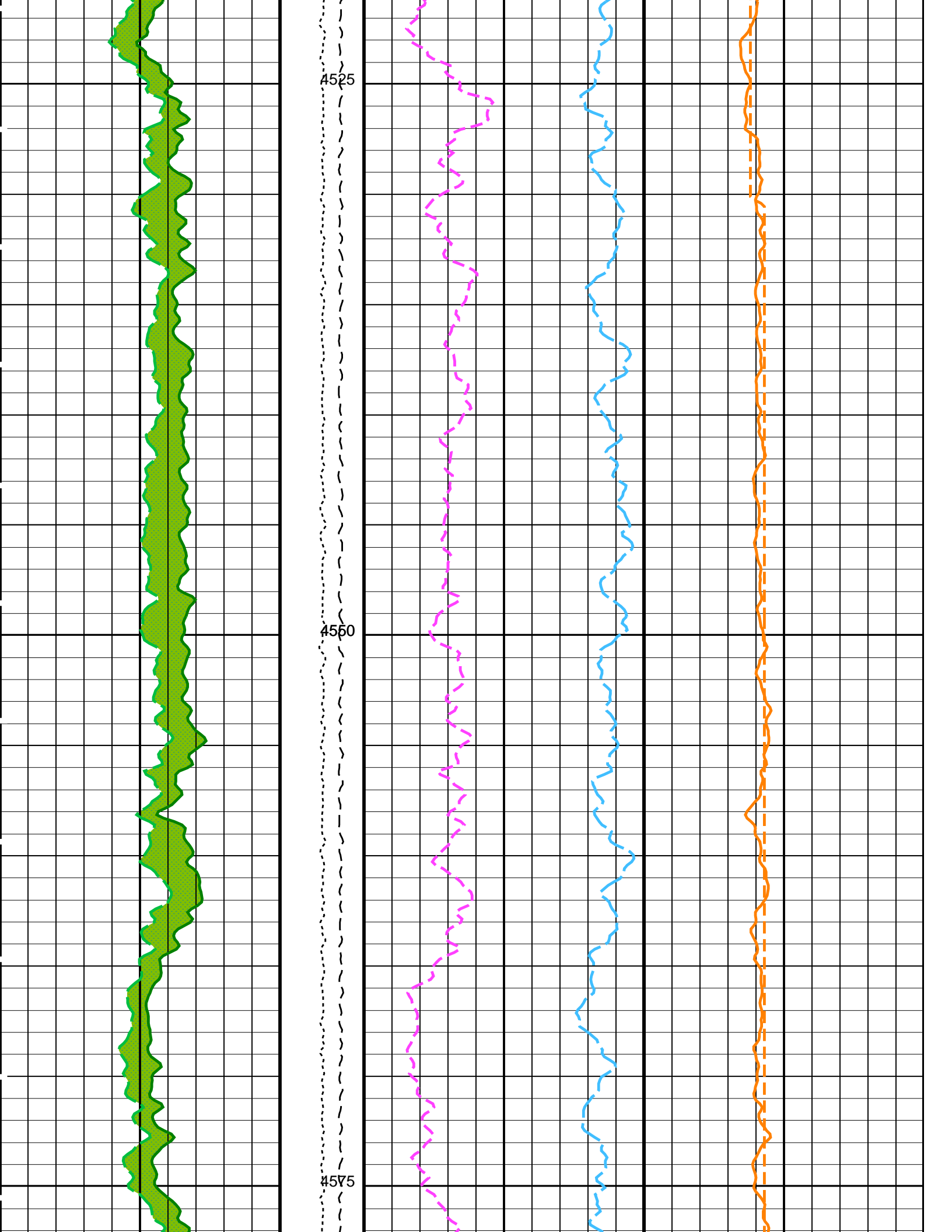


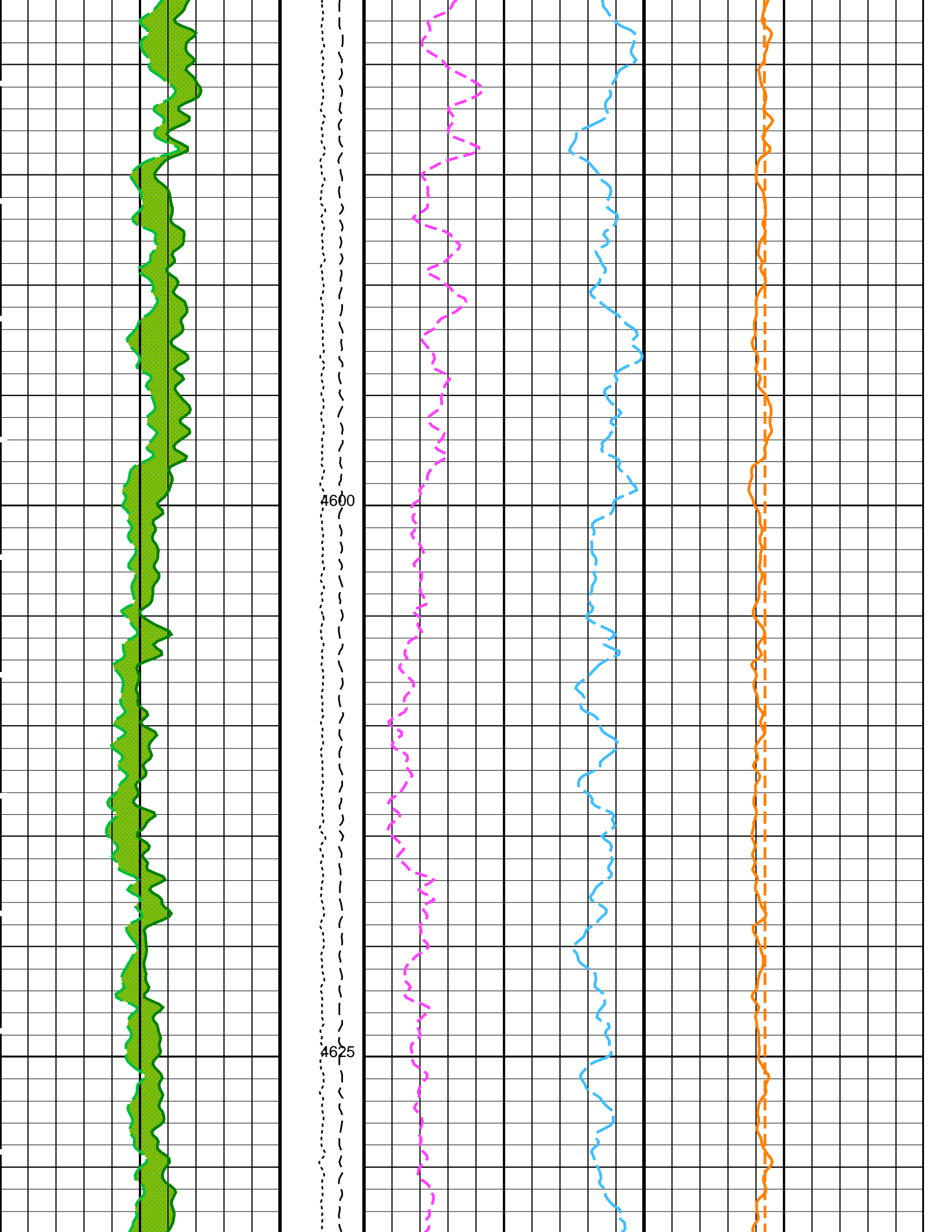


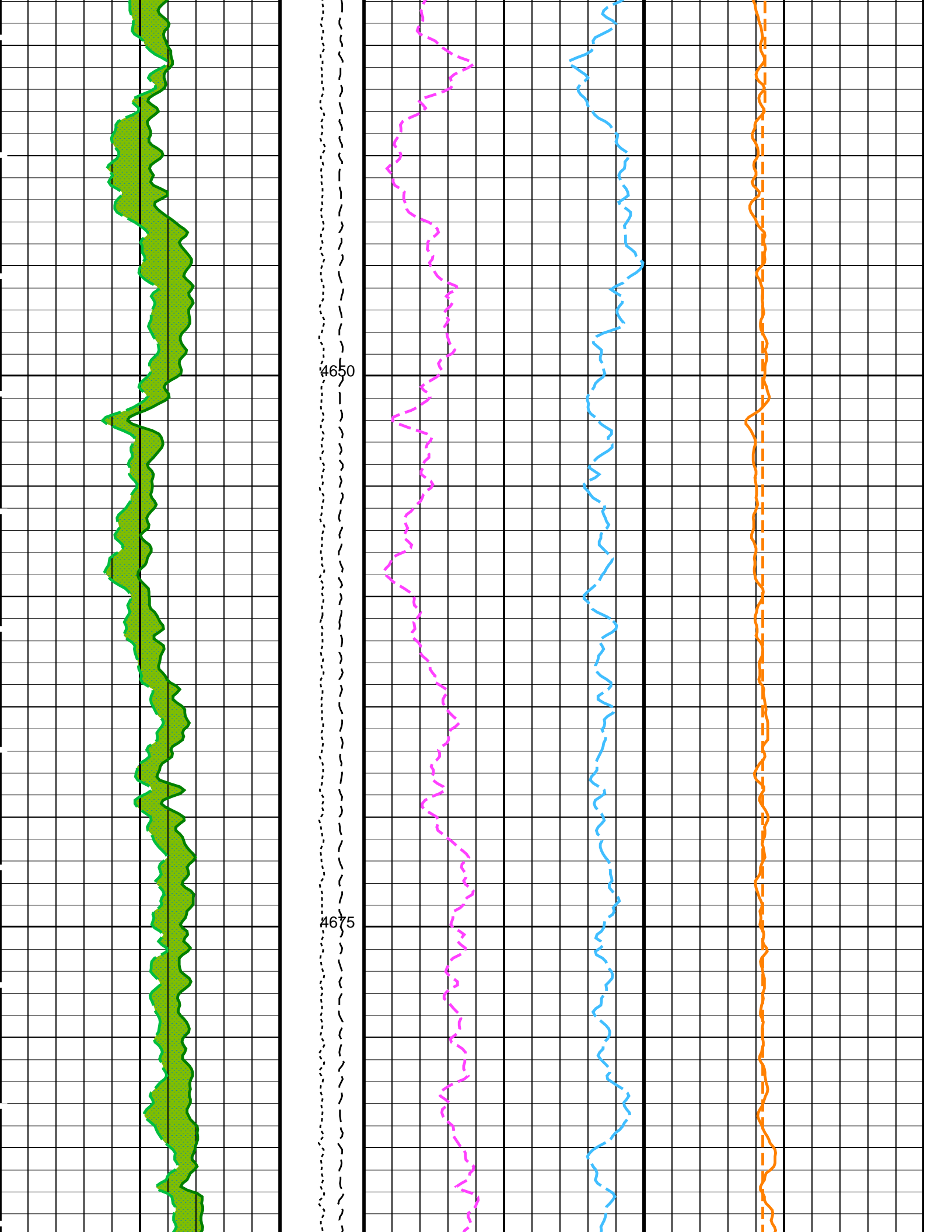


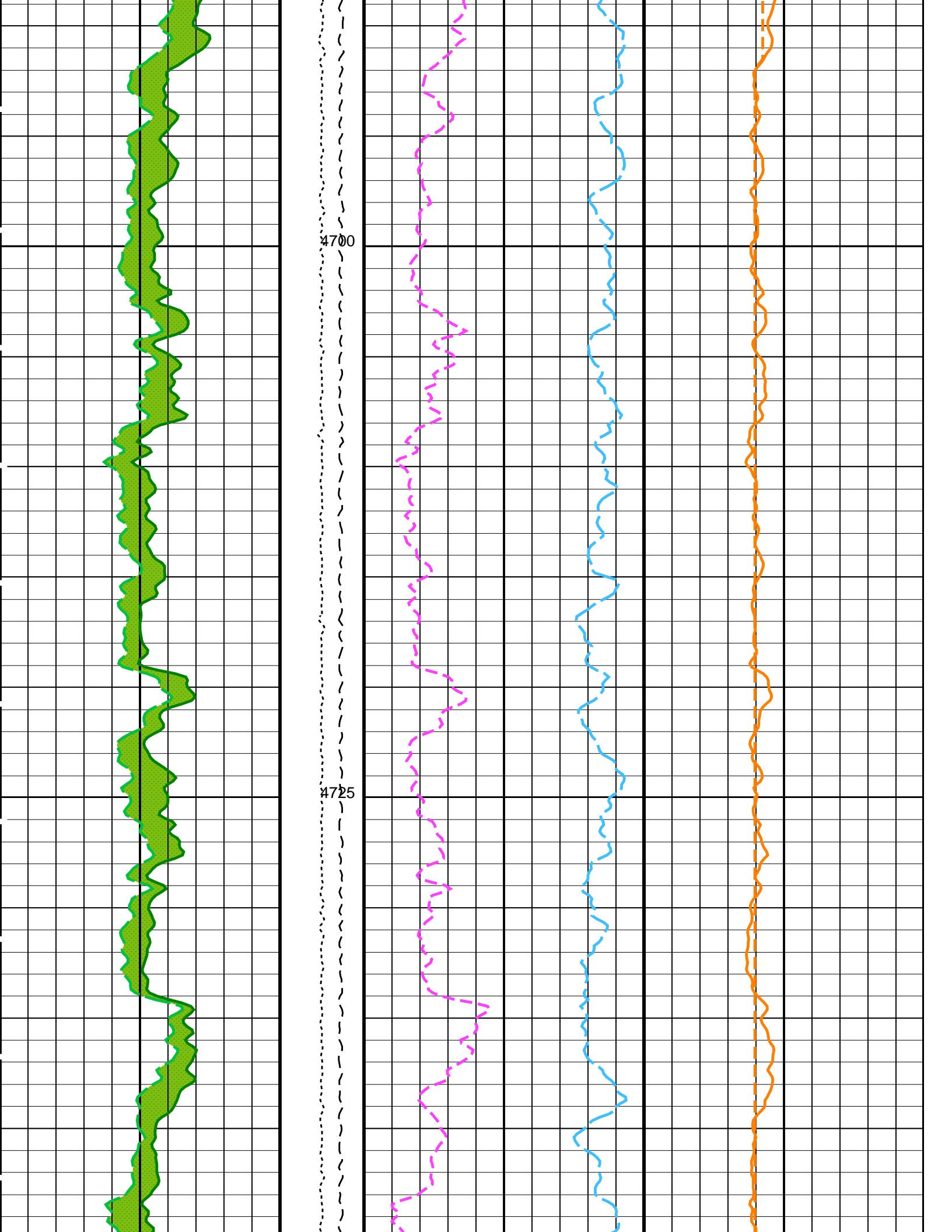


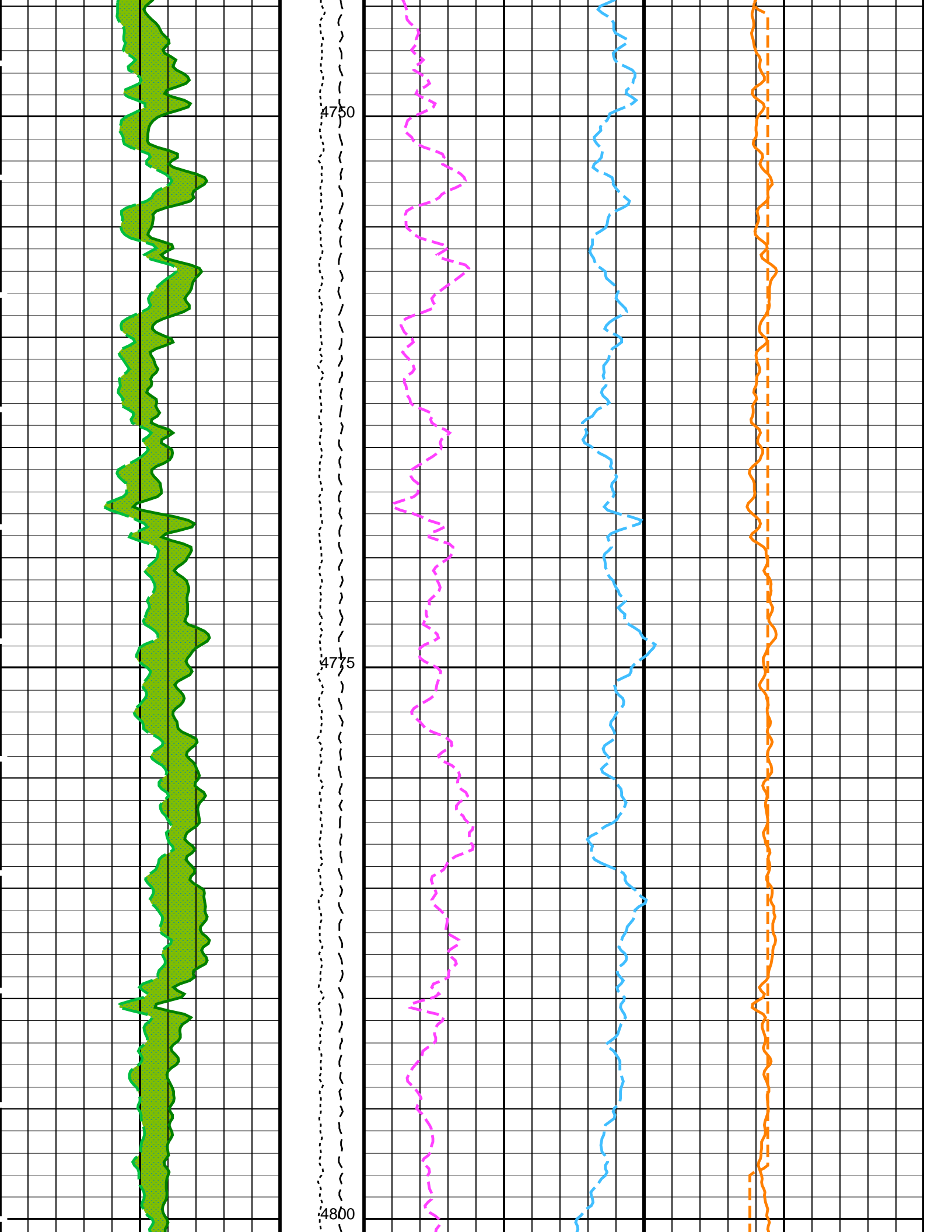


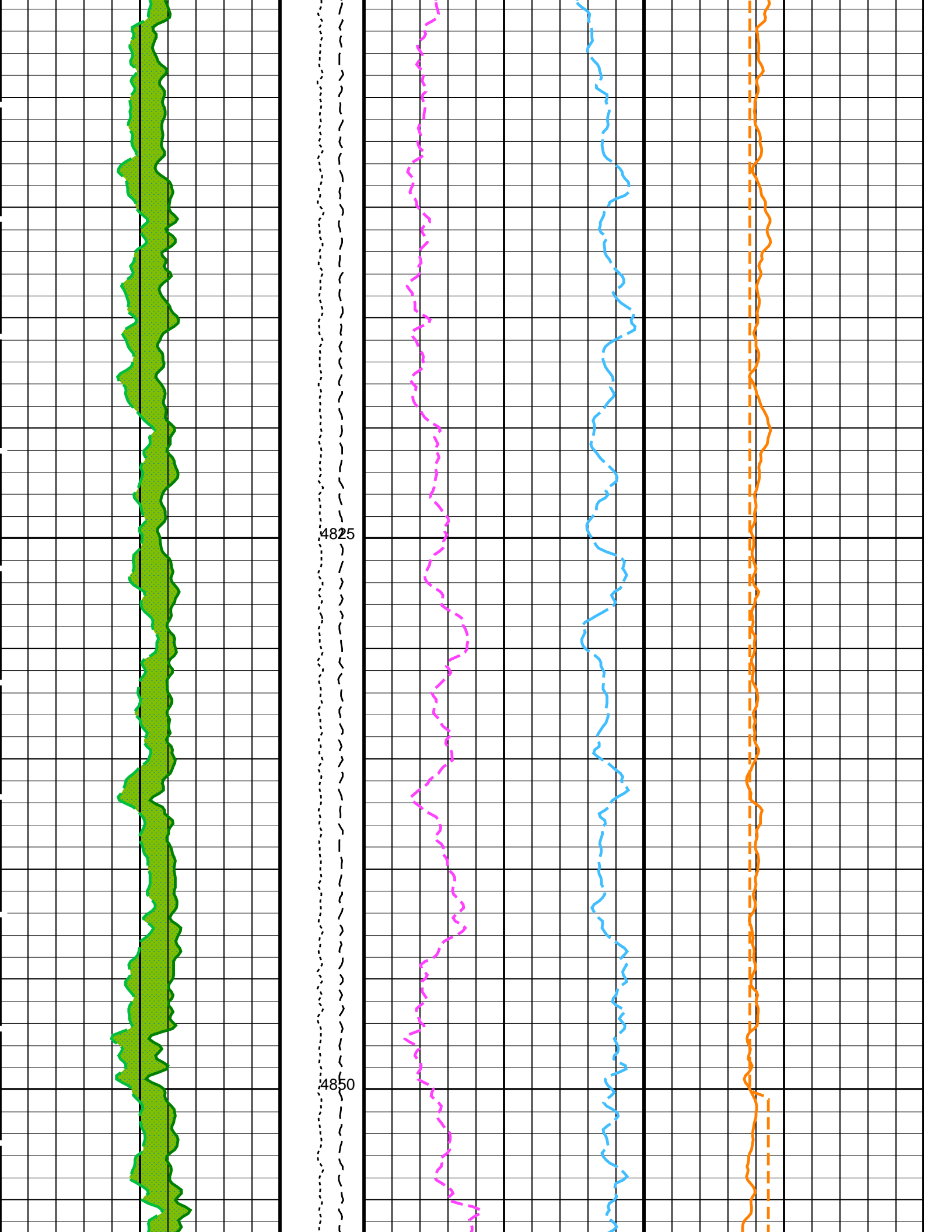


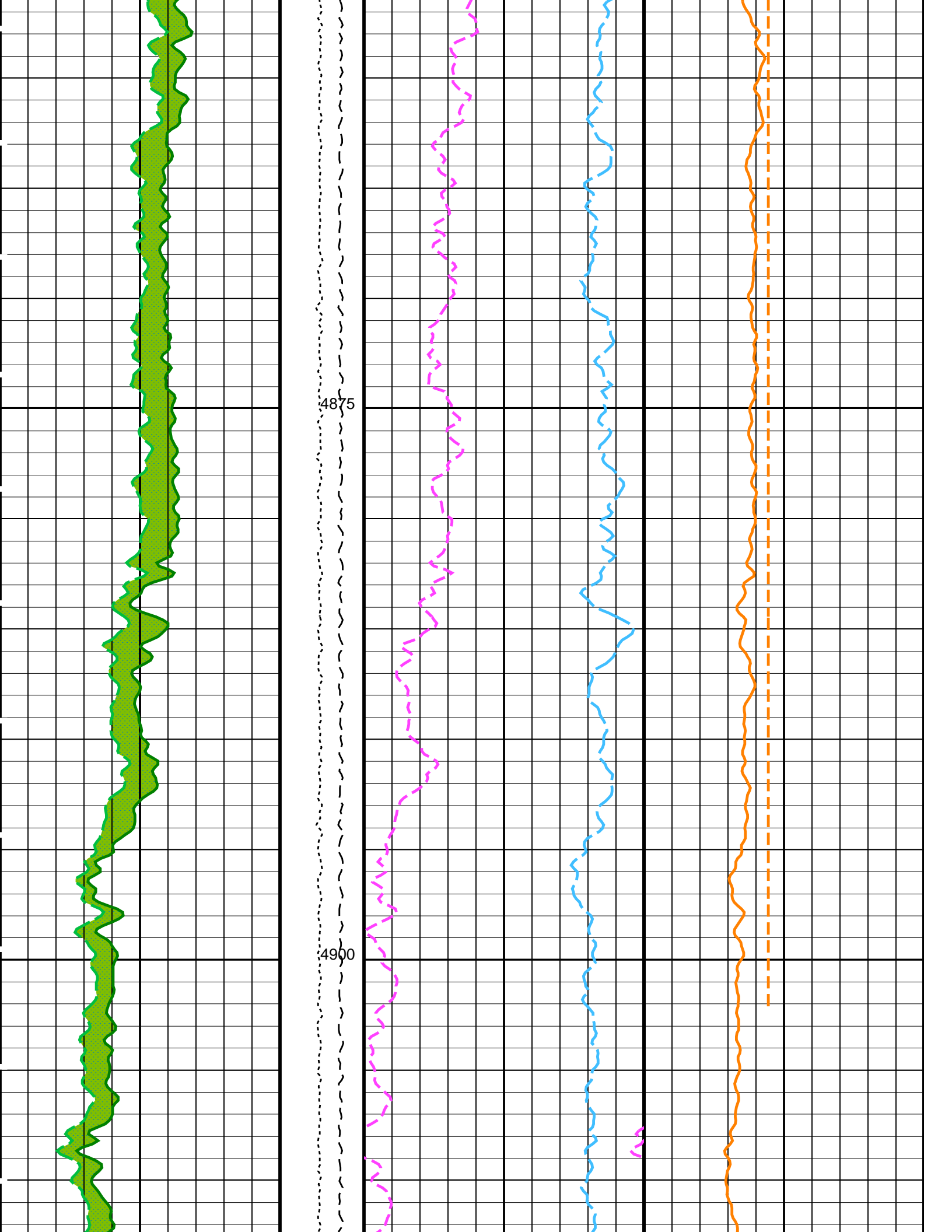


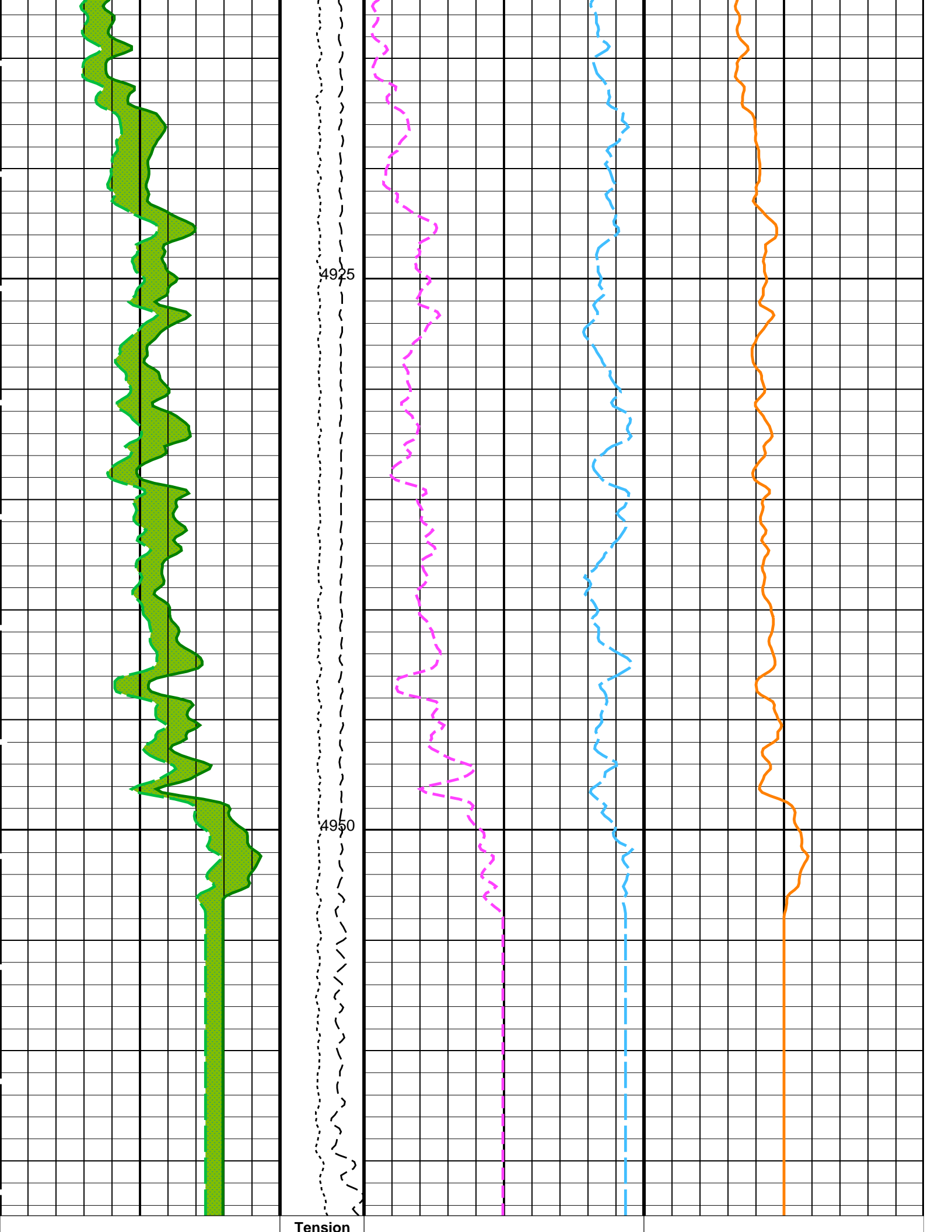


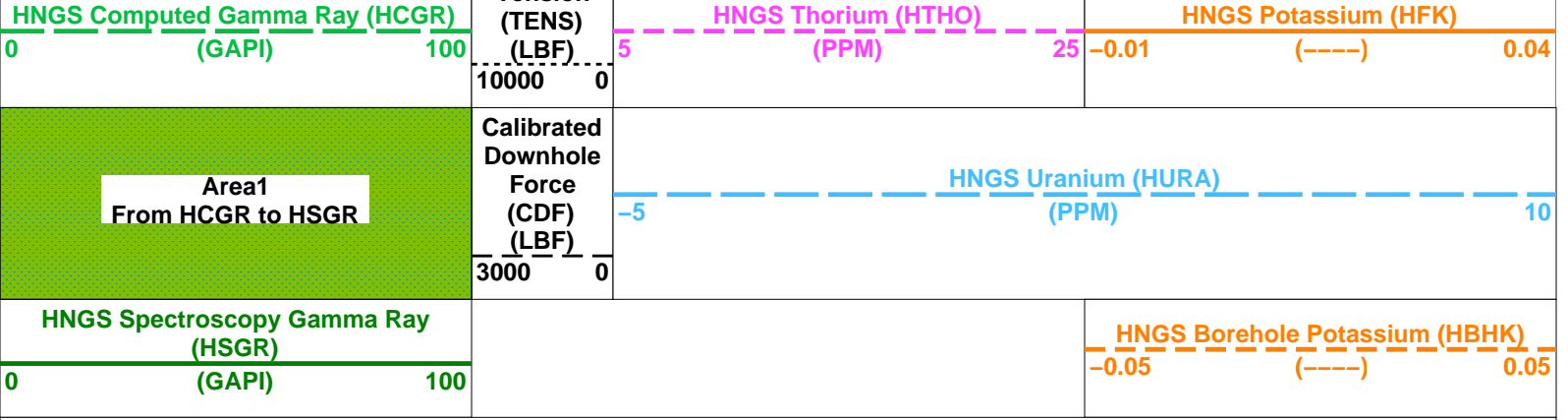












PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
HRLT-B:	High Resolution Laterolog Array - B	
BHS	Borehole Status	CASED
GCSE	Generalized Caliper Selection	BS
HNGS-BA:	Hostile Natural Gamma Ray Sonde	
BAR1	HNGS Detector 1 Barite Constant	1
BAR2	HNGS Detector 2 Barite Constant	1
BHK	HNGS Borehole Potassium Correction Concentration	0
BHS	Borehole Status	CASED
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	0 IN
CSW1	Inner Casing Weight	0 LB/F
CSW2	Outer Casing Weight	0 LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE
GCSE	Generalized Caliper Selection	BS
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNGS Borehole Potassium Running Average	-0.0054859
HALF	HNGS Alpha Filter Length	60 IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE
HMWM	Mud Weighting Material	NATU
HNPE	HNGS Processing Enable	YES
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3 CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3 CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES
TPOS	Tool Position	ECCE
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.01346
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.989262
EDTC-B:	Enhanced DTS Cartridge	
BHS	Borehole Status	CASED
GCSE	Generalized Caliper Selection	BS
System and Miscellaneous		
BS	Bit Size	9.875 IN
DFD	Drilling Fluid Density	1.05 G/C3

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 05-Sep-2016 04:23

OP System Version: 19C0-187

HRLT-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Output DLIS Files

DEFAULT	HRLA_NGS_024LUP	FN:27	PRODUCER	05-Sep-2016 04:23
RTB	HRLA_NGS_024LUP	FN:28	PRODUCER	05-Sep-2016 04:23

Company: International Ocean Discovery Program Well: Expedition 362, Site U1480G

Output DLIS Files

DEFAULT	HRLA_NGS_024LUP	FN:27	PRODUCER	05-Sep-2016 04:23	4967.5 M	4139.9 M
RTB	HRLA_NGS_024LUP	FN:28	PRODUCER	05-Sep-2016 04:23	4967.5 M	4139.9 M

OP System Version: 19C0-187

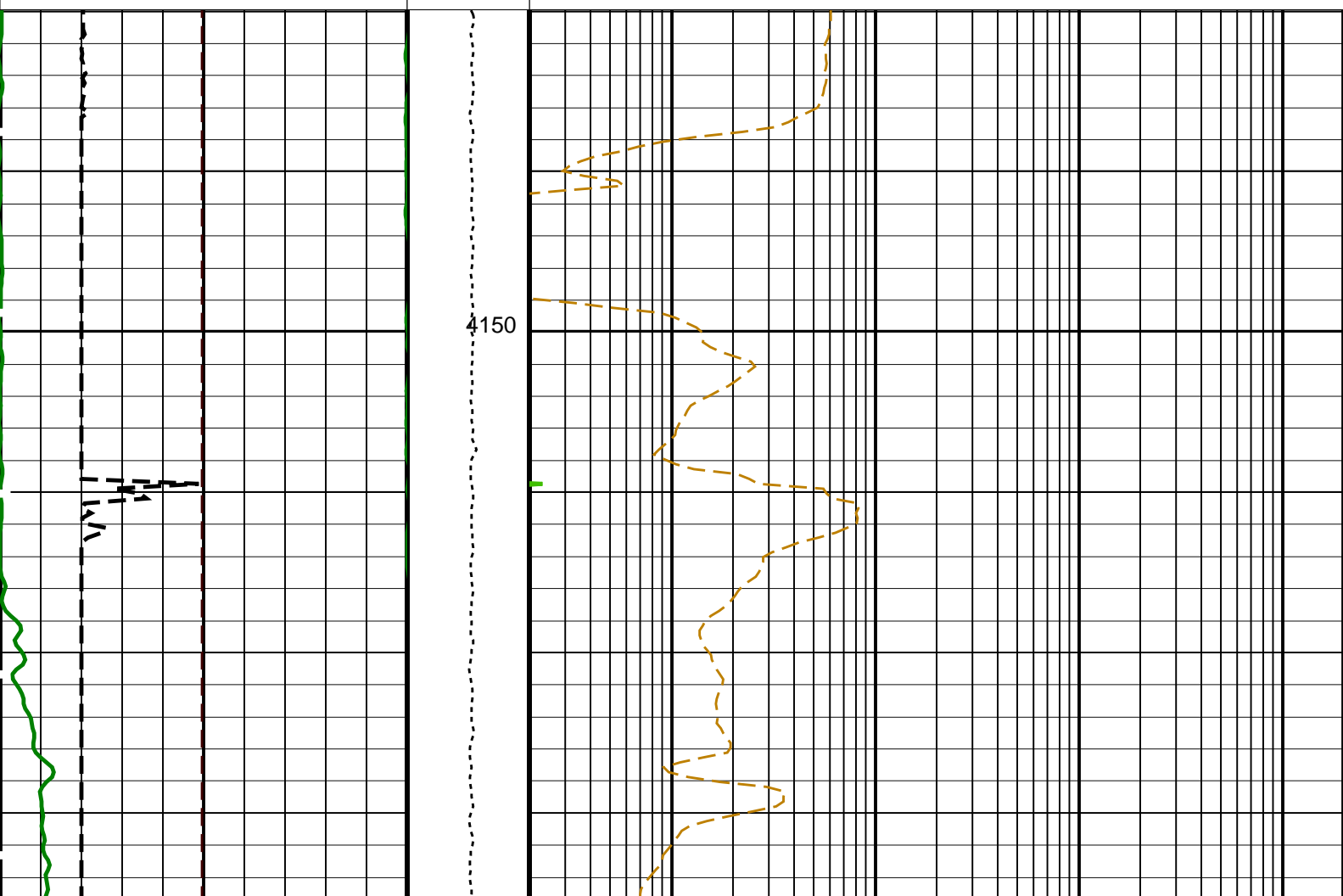
HRLT-B 19C0-187
 HNGS-BA 19C0-187

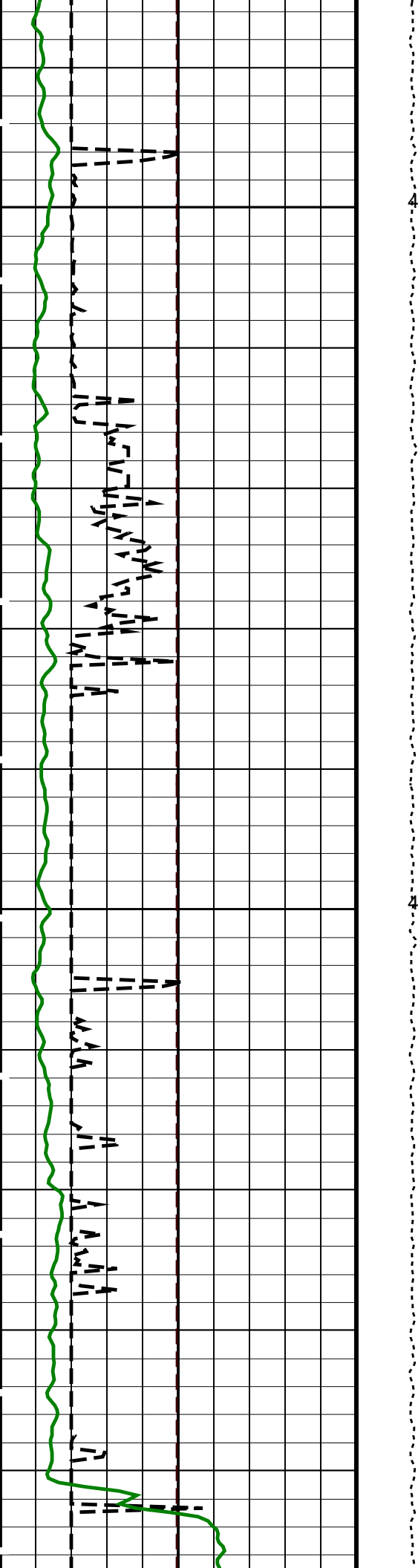
HNGC-B 19C0-187
 EDTC-B SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S

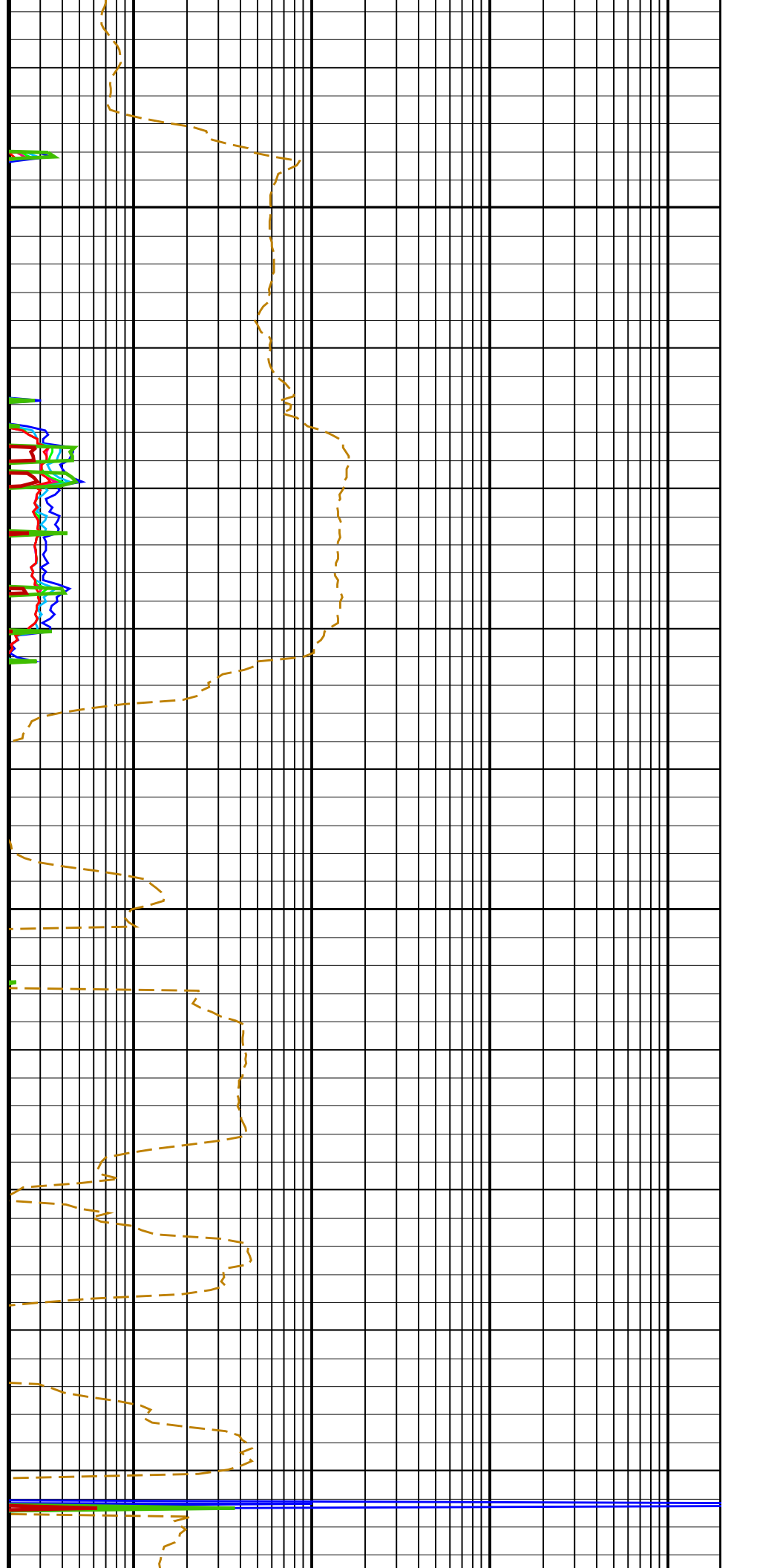
	HRLT True Resistivity (RT_HRLT)	2000
	0.2 (OHMM)	
	Invaded Zone Resistivity (RXO_HRLT)	2000
	0.2 (OHMM)	
	HRLT Mud Resistivity (RM_HRLT)	200
	0.02 (OHMM)	
	HRLT Resistivity 5 (RLA5)	2000
	0.2 (OHMM)	
	HRLT Resistivity 4 (RLA4)	2000
	0.2 (OHMM)	
HNGS Spectroscopy Gamma Ray (HSGR) 0 (GAPI) 100	HRLT Resistivity 3 (RLA3)	2000
	0.2 (OHMM)	
Invasion Diameter (DI_HRLT) 0 (IN) 50	HRLT Resistivity 2 (RLA2)	2000
	0.2 (OHMM)	
Bit Size (BS) 0 (IN) 20	HRLT Resistivity 1 (RLA1)	2000
Tension (TENS) (LBF) 10000 0	0.2 (OHMM)	

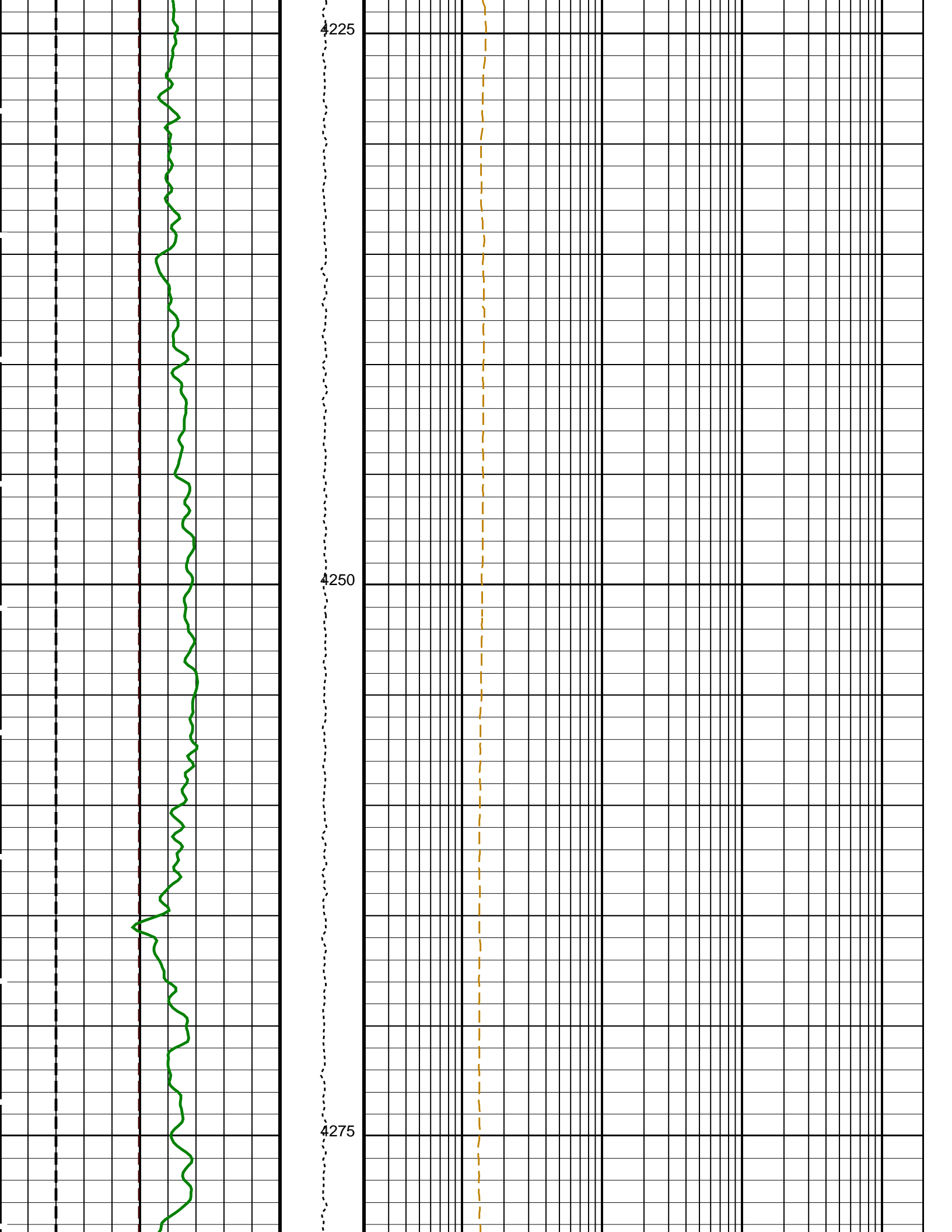


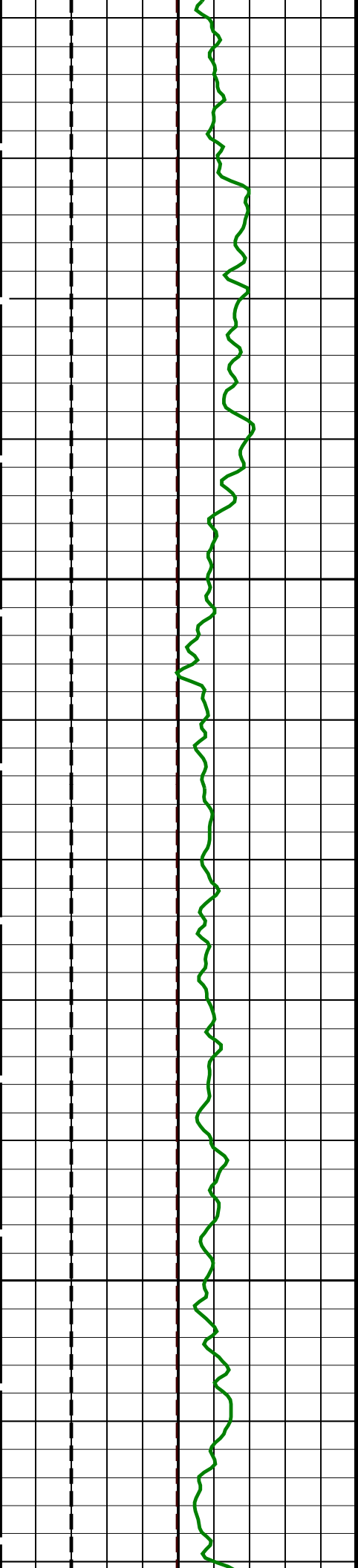


4175

4200

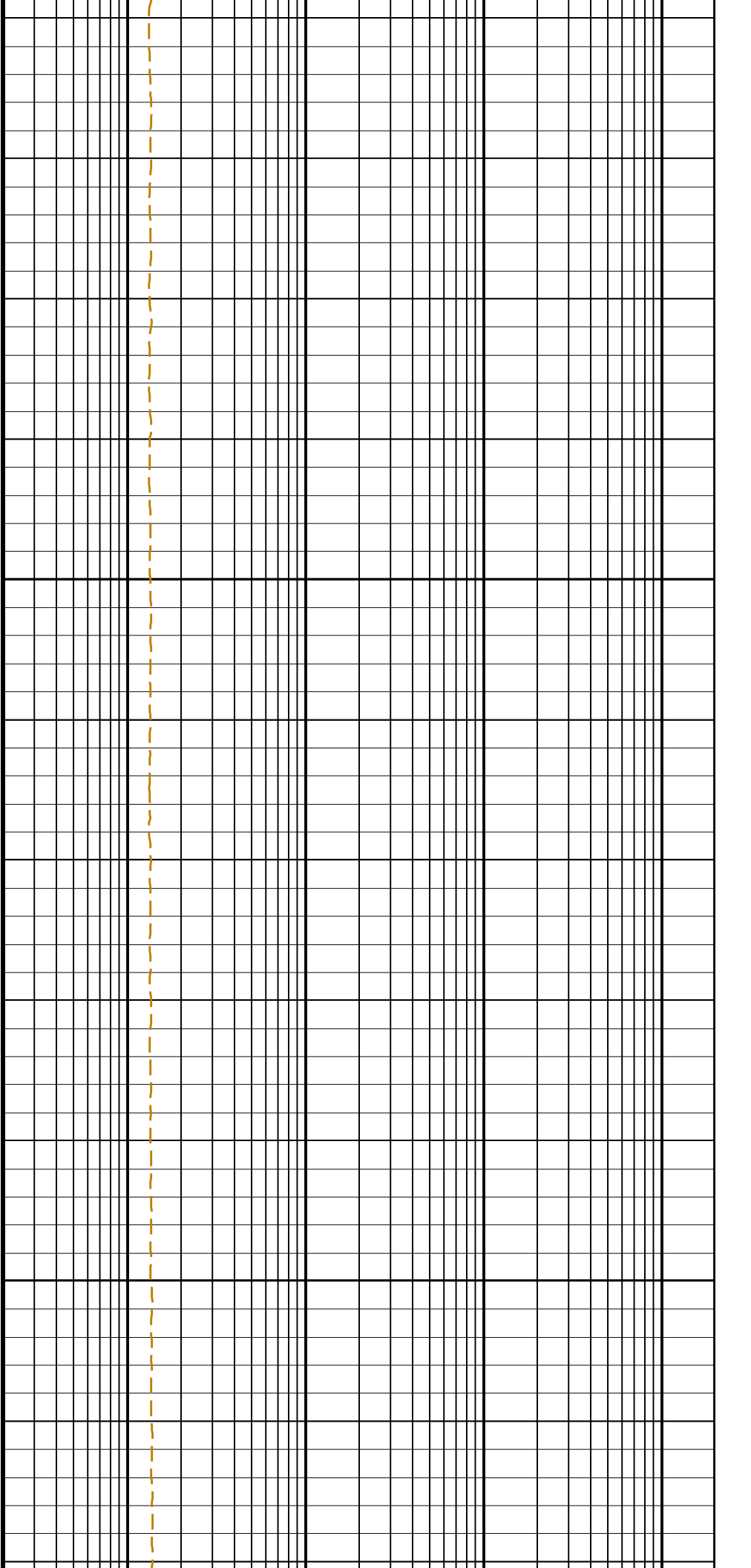


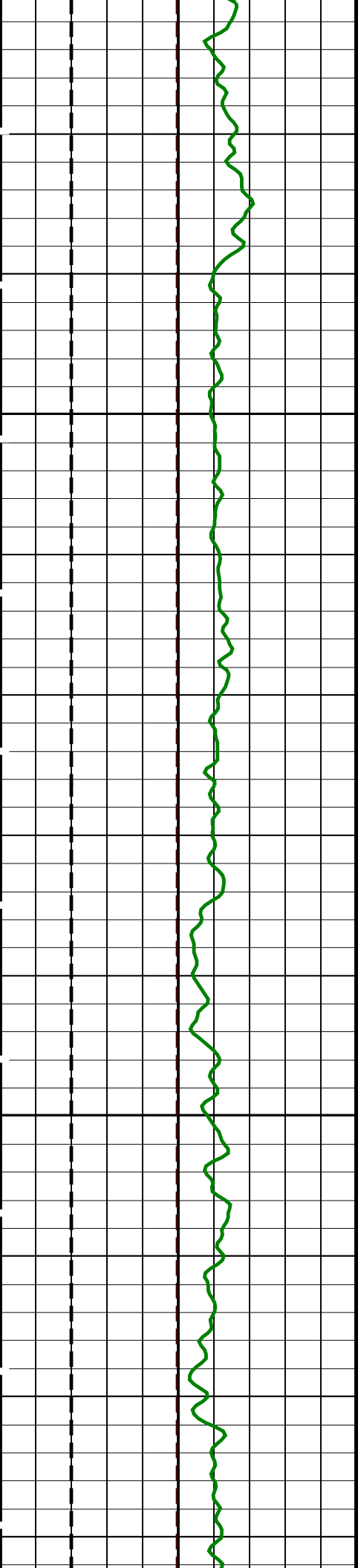




4300

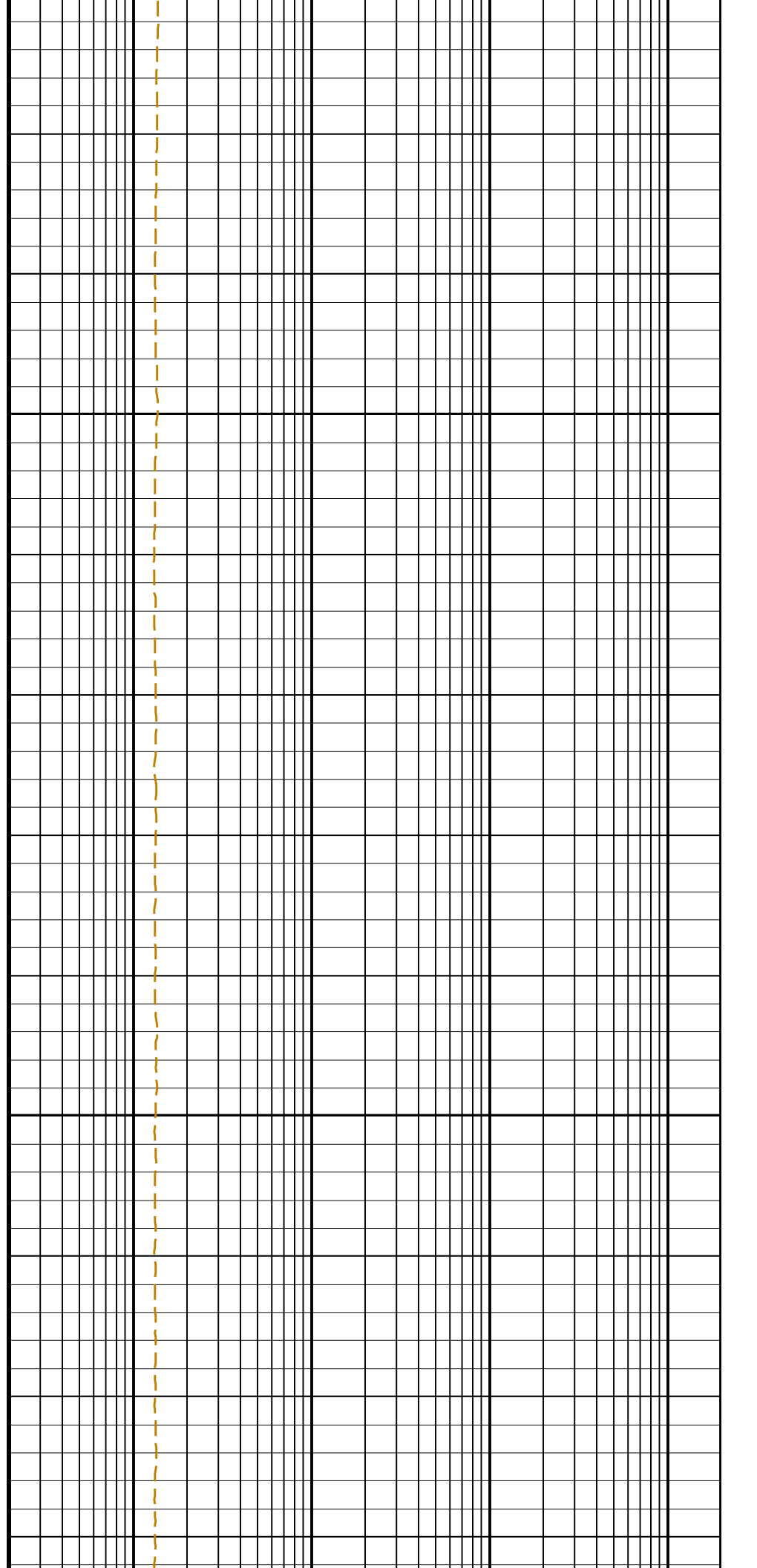
4325

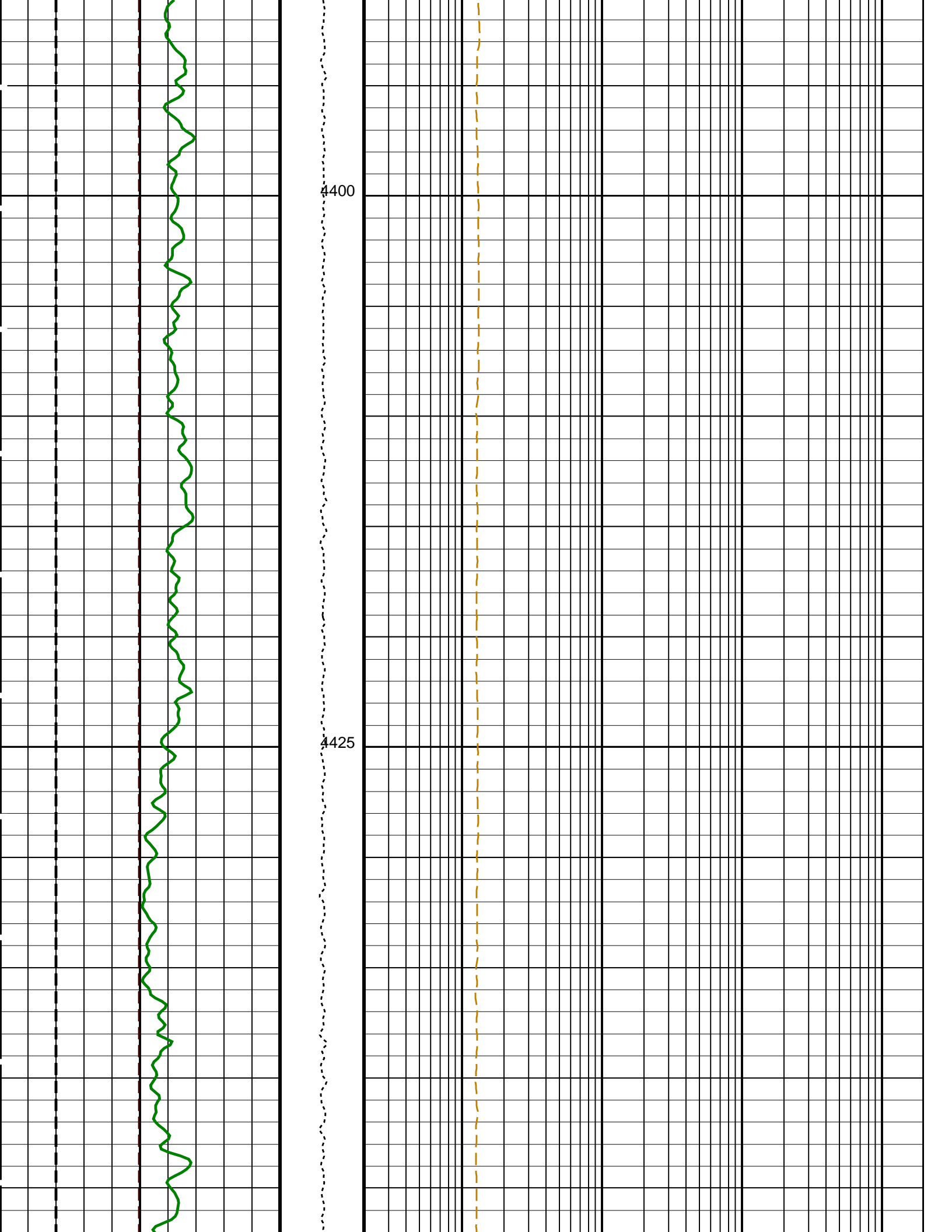




4350

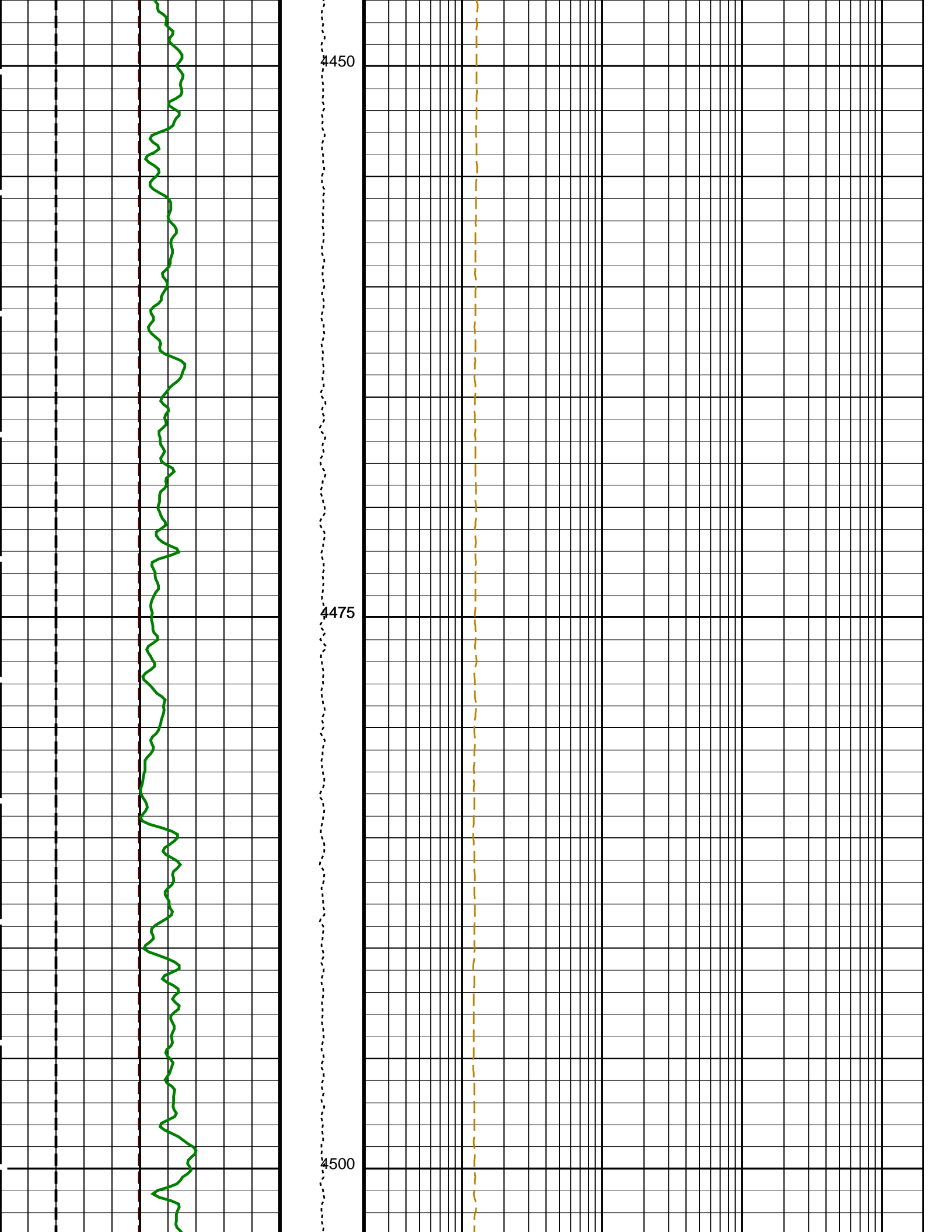
4375

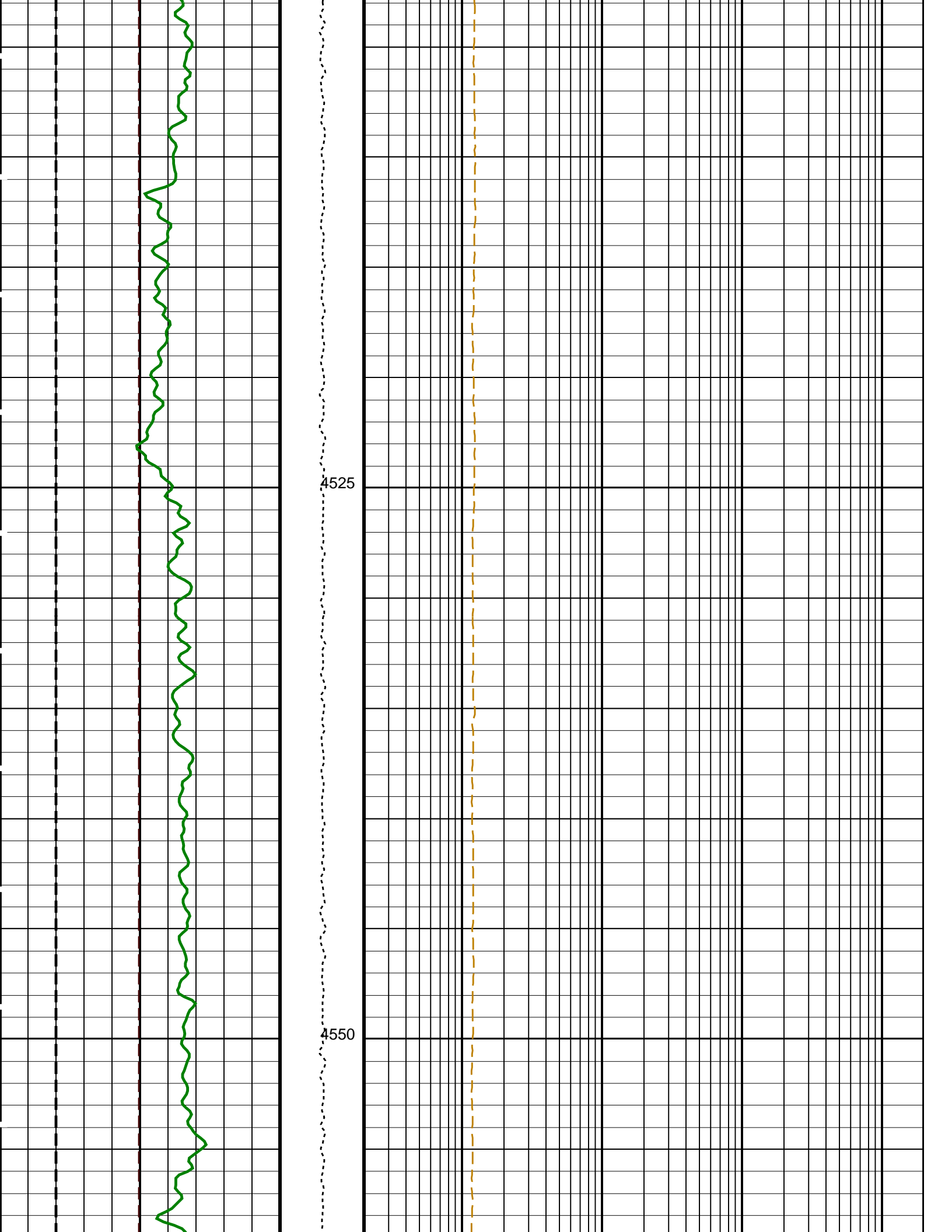


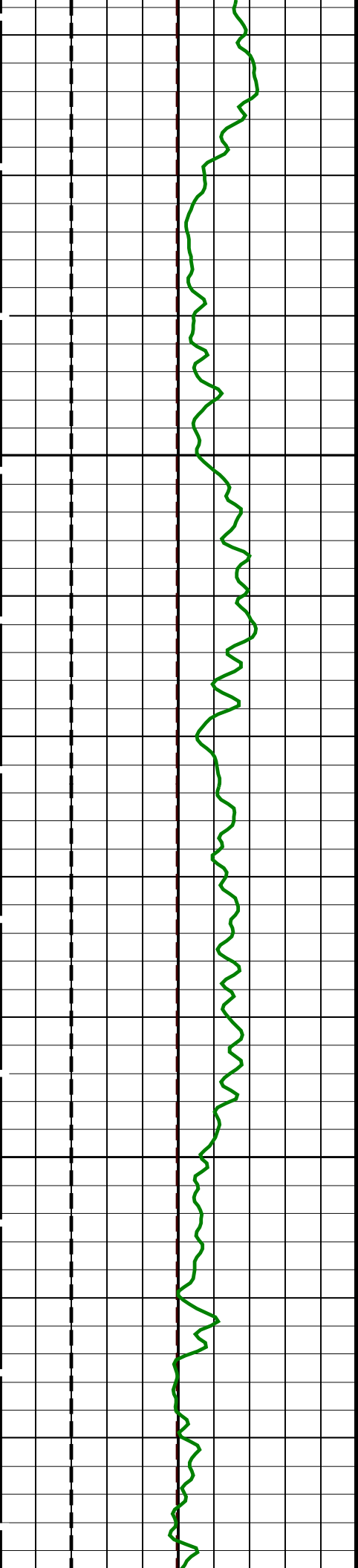


4400

4425

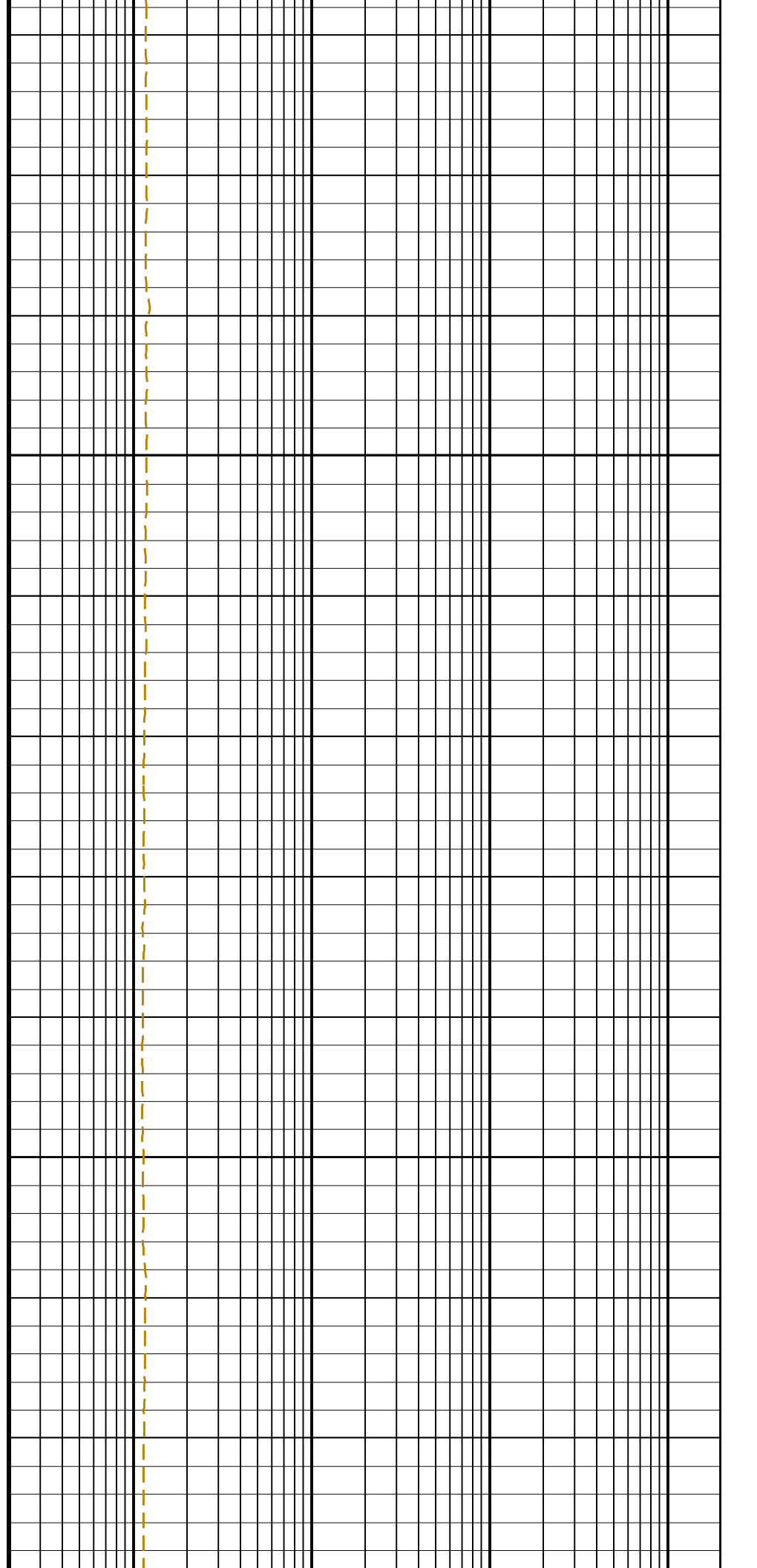


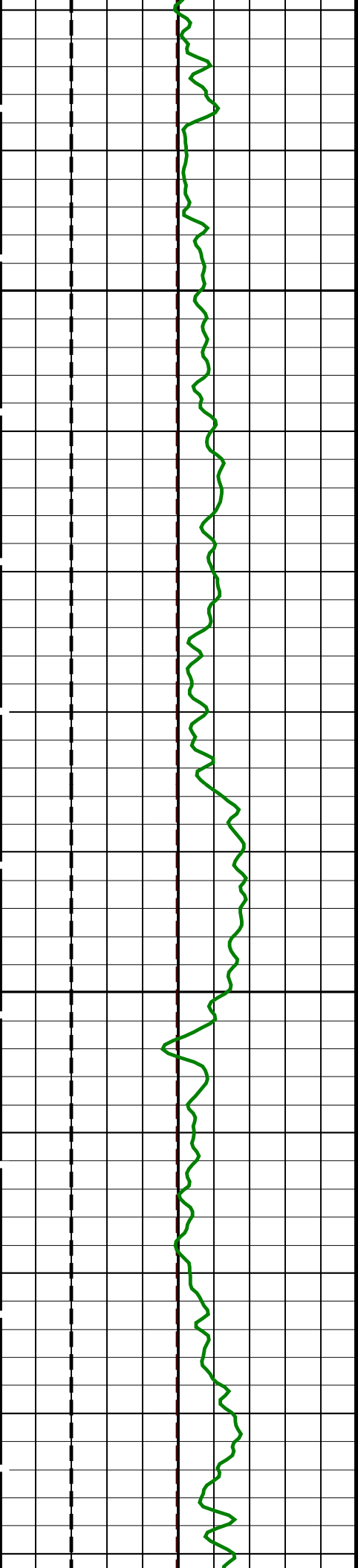




4575

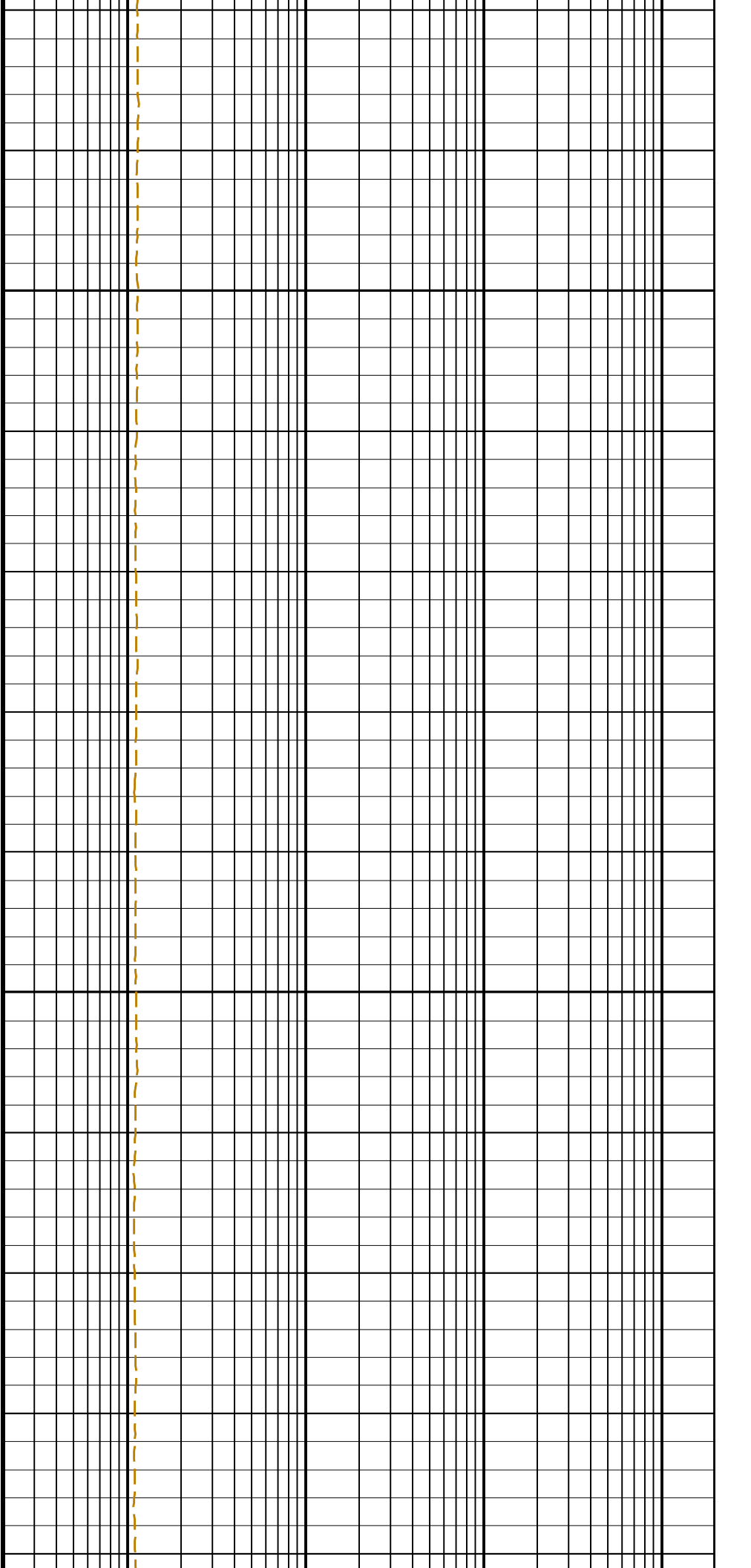
4600

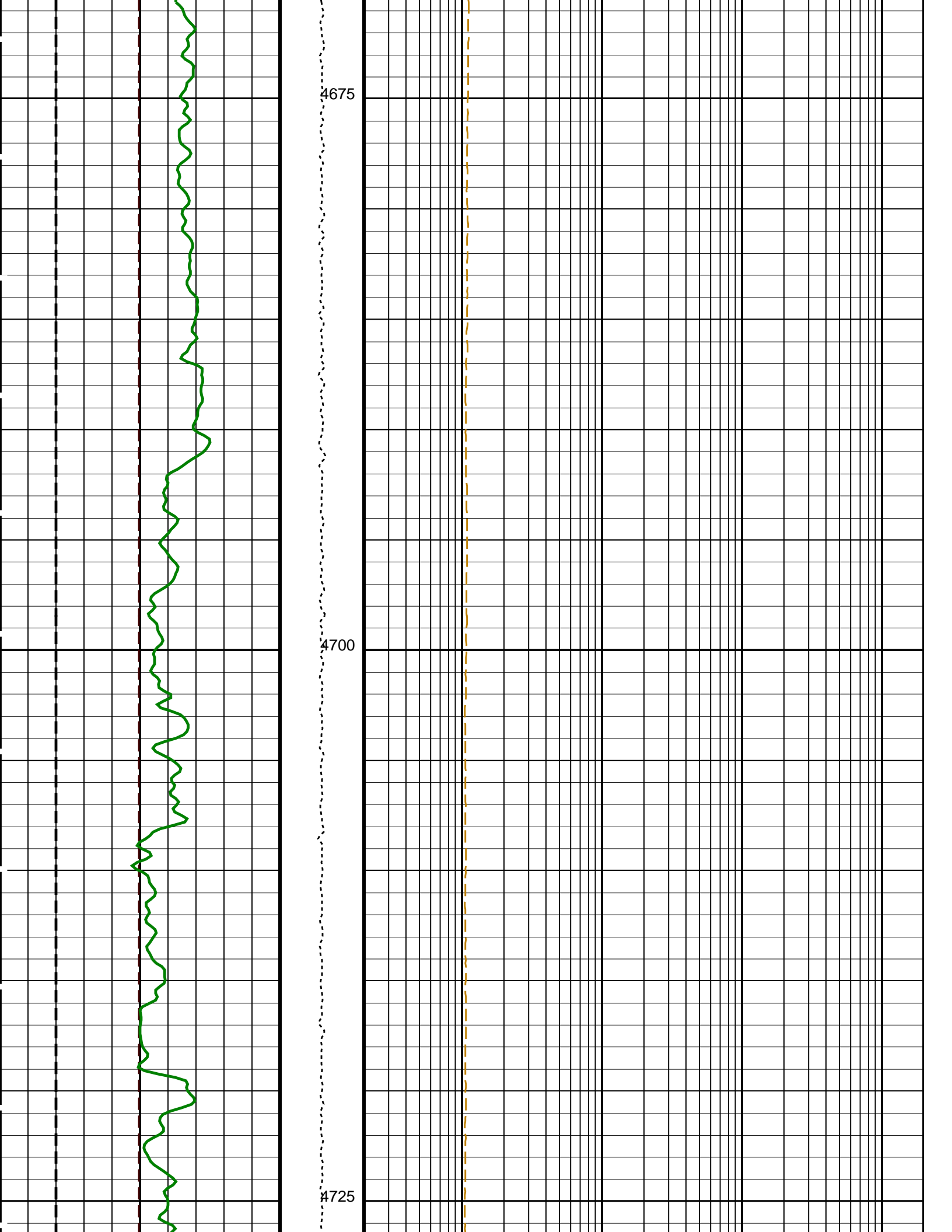


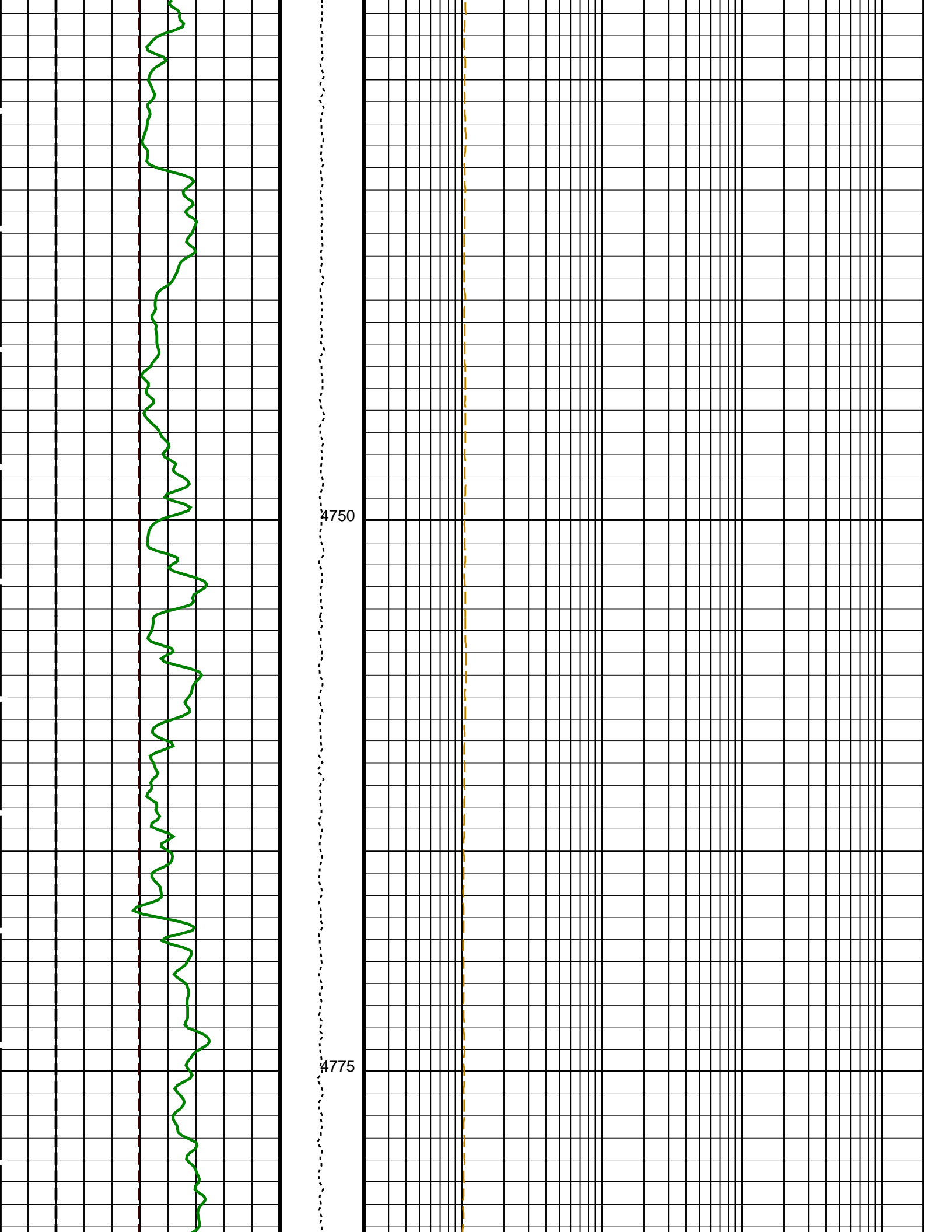


4625

4650

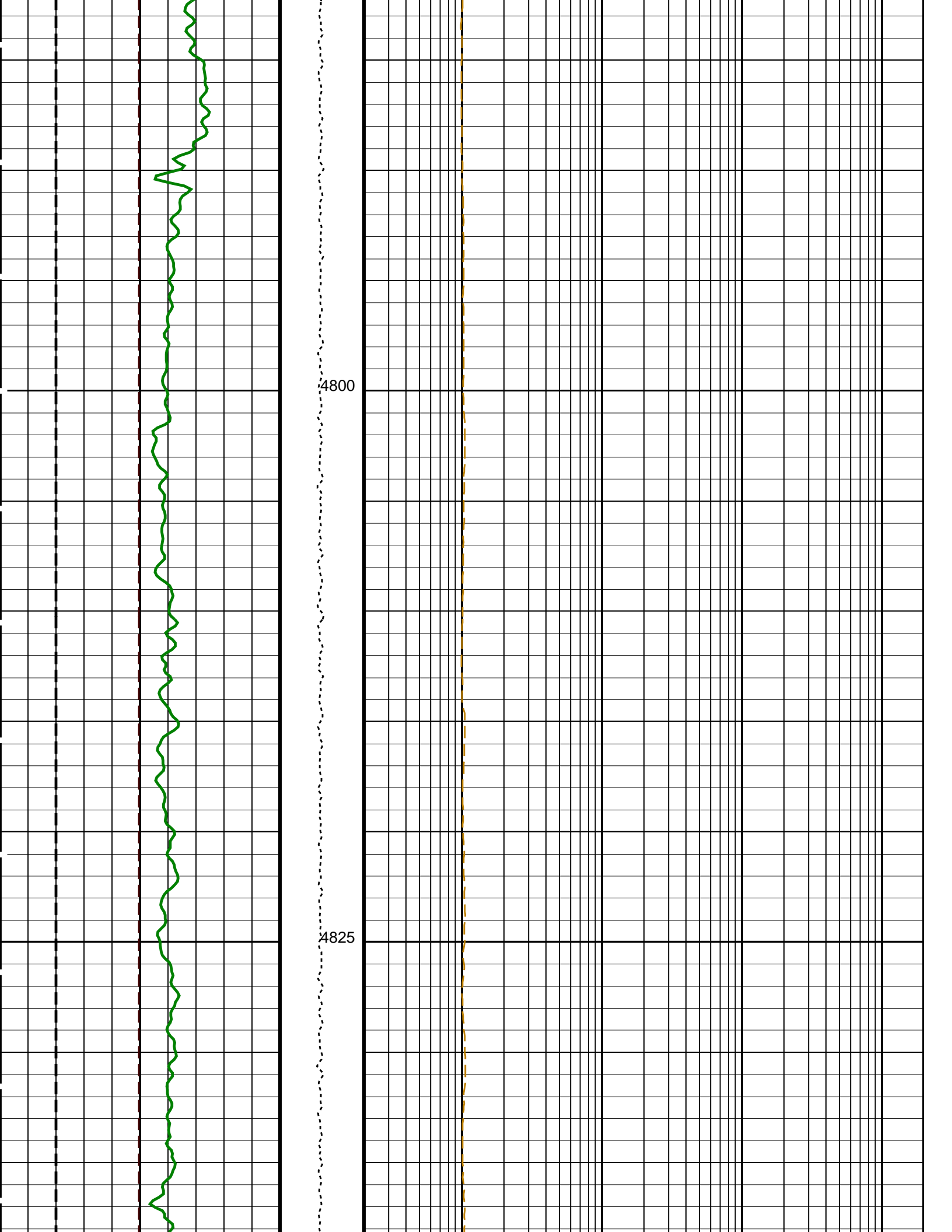


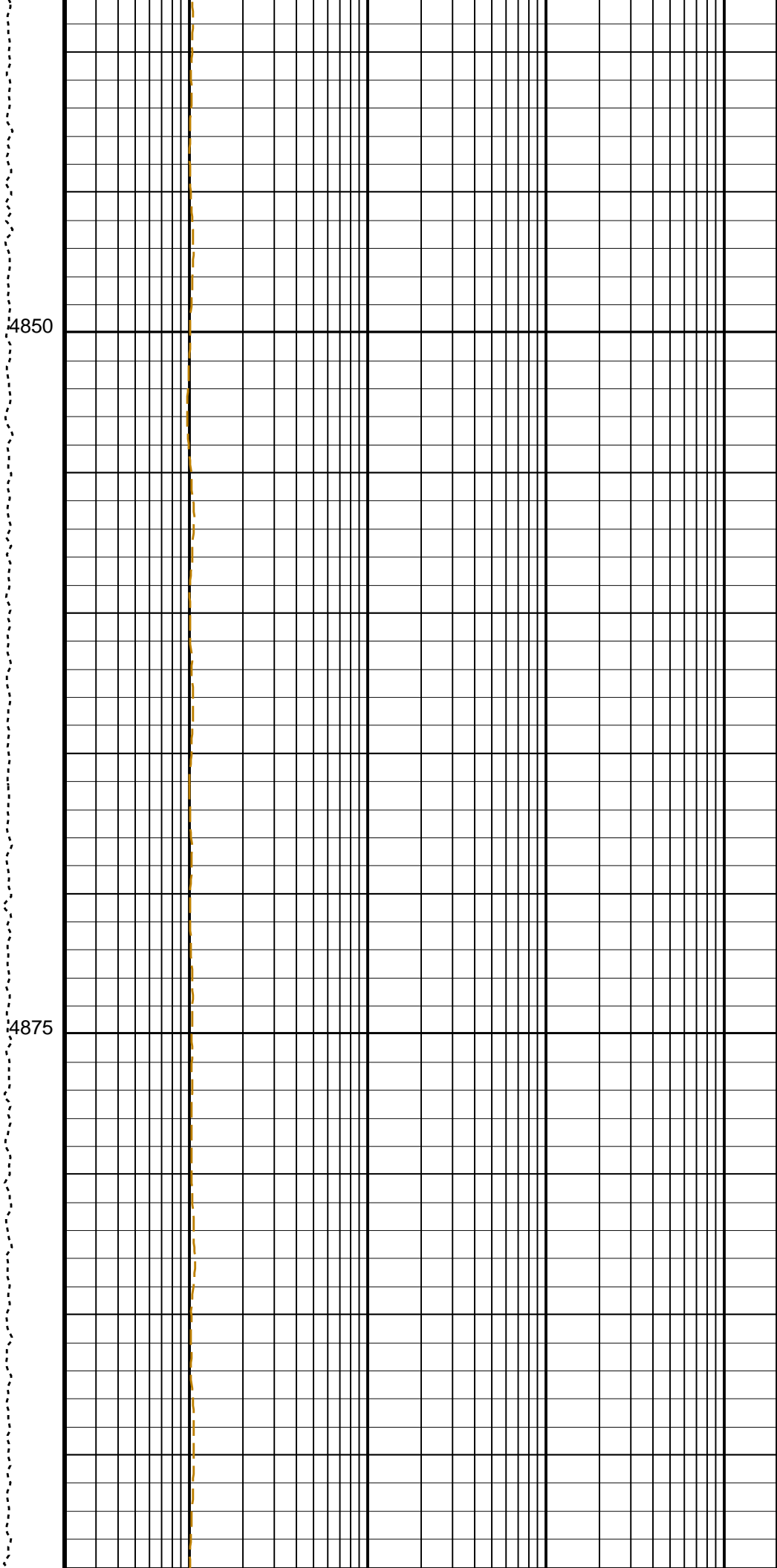
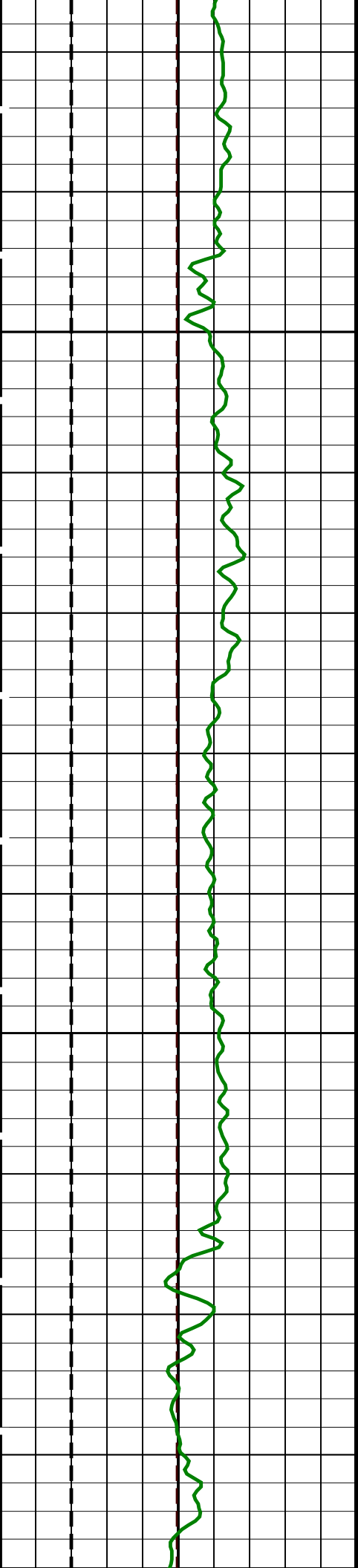




4750

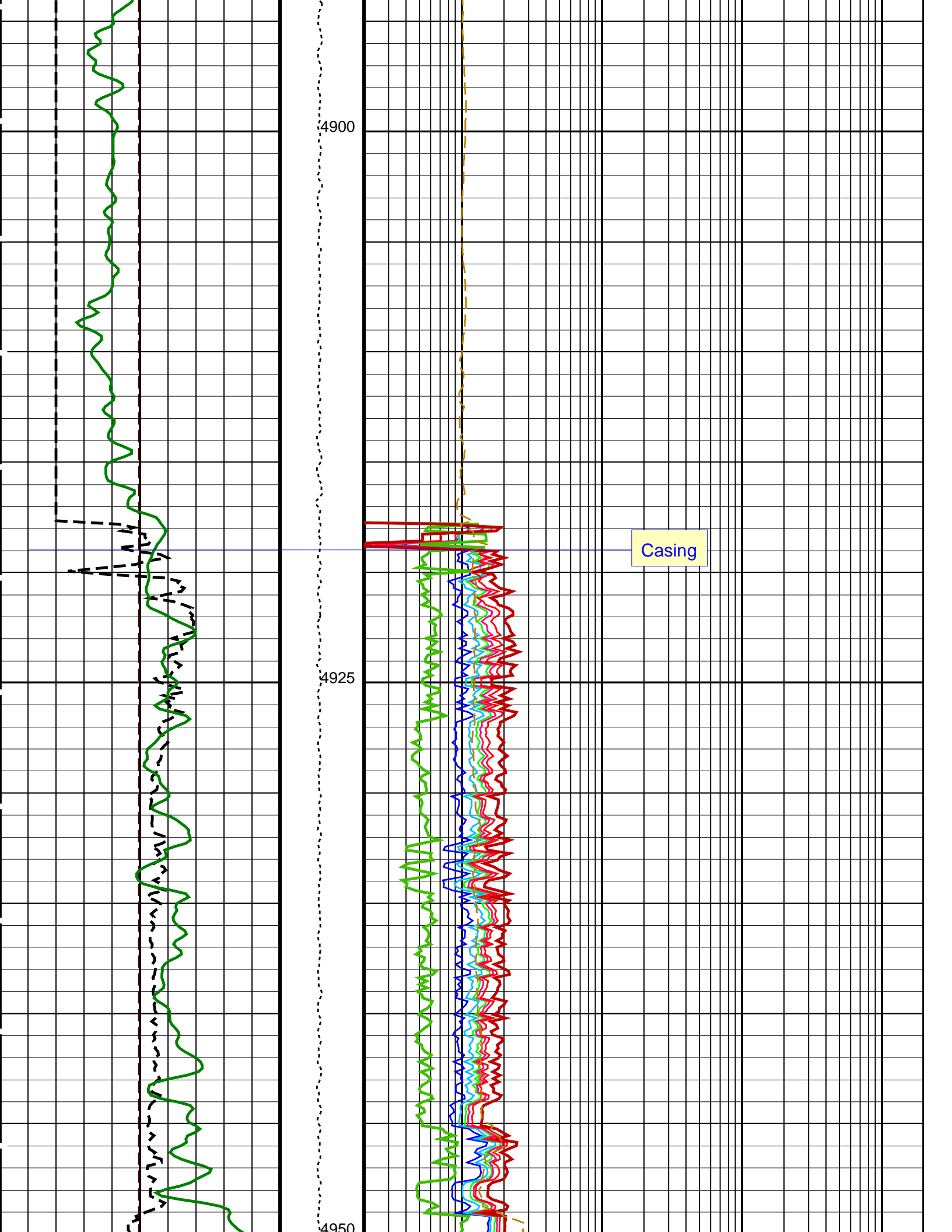
4775

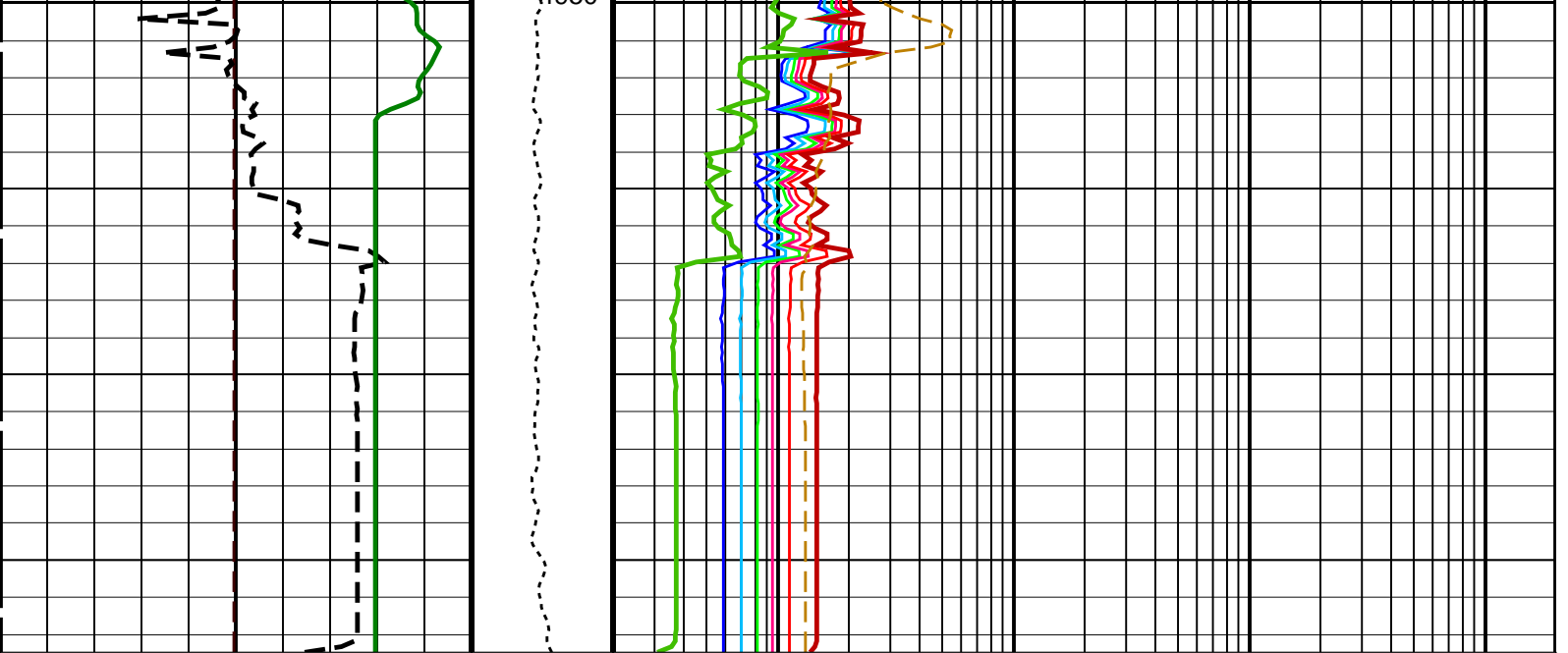




4850

4875





Bit Size (BS) (IN)	Tension (TENS) (LBF)	HRLT Resistivity 1 (RLA1) (OHMM)	2000
Invasion Diameter (DI_HRLT) (IN)	10000 0	HRLT Resistivity 2 (RLA2) (OHMM)	2000
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)		HRLT Resistivity 3 (RLA3) (OHMM)	2000
		HRLT Resistivity 4 (RLA4) (OHMM)	2000
		HRLT Resistivity 5 (RLA5) (OHMM)	2000
		HRLT Mud Resistivity (RM_HRLT) (OHMM)	200
		Invaded Zone Resistivity (RXO_HRLT) (OHMM)	2000
		HRLT True Resistivity (RT_HRLT) (OHMM)	2000

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
HRLT-B: High Resolution Laterolog Array - B		
BHS	Borehole Status	CASED
BHT	Bottom Hole Temperature (used in calculations)	40 DEGC
GCSE	Generalized Caliper Selection	BS
GRSD	Geothermal Gradient	0.018227 DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE
KFAC_HRLT	HRLT K Factor Option	SONDE
PROCINV	Inversion Selection	ON
PROCMFL	Mechanical Stand-off Resistivity Selection	NO_EXTERNAL_RXO
PROCMFO	Mechanical Stand-off Fin Size	0 IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute
PROCSPO	Sonde Position	Eccentered
SHT	Surface Hole Temperature	20 DEGC
HNGS-BA: Hostile Natural Gamma Ray Sonde		
BAR1	HNGS Detector 1 Barite Constant	1
BAR2	HNGS Detector 2 Barite Constant	1

BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	40	DEGC
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	BS	
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	-0.0054859	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	20	DEGC
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	1.01346	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.989262	
	EDTC-B: Enhanced DTS Cartridge		
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	40	DEGC
GCSE	Generalized Caliper Selection	BS	
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	20	DEGC
	System and Miscellaneous		
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.05	G/C3
TD	Total Depth	5590.3	M

Format: HRLT Vertical Scale: 1:200 Graphics File Created: 05-Sep-2016 04:23

OP System Version: 19C0-187

HRLT-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Output DLIS Files

DEFAULT	HRLA_NGS_024LUP	FN:27	PRODUCER	05-Sep-2016 04:23
RTB	HRLA_NGS_024LUP	FN:28	PRODUCER	05-Sep-2016 04:23



Repeat Pass
1:200 Scale

MAXIS Field Log

Output DLIS Files

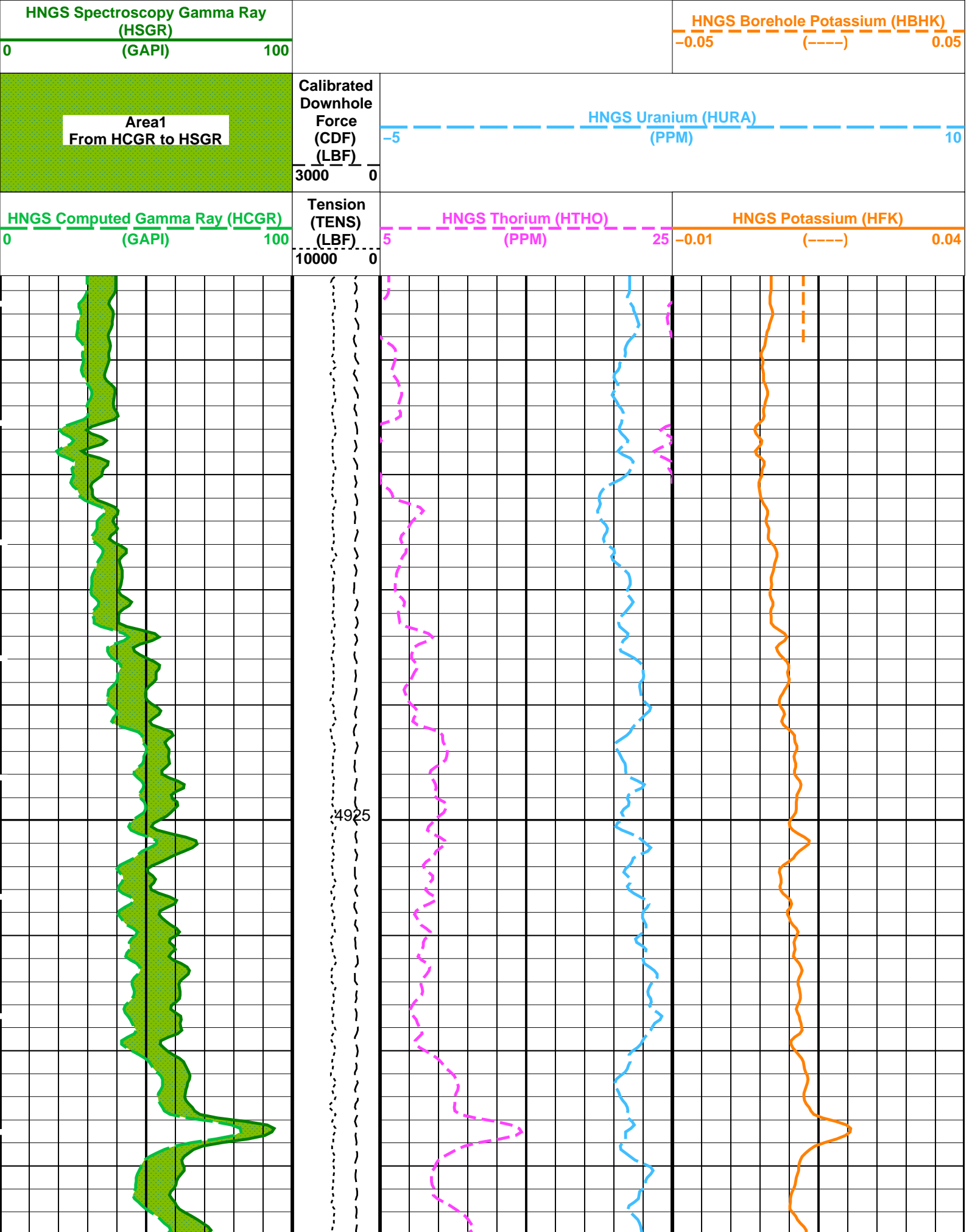
DEFAULT	HRLA_NGS_021LUP	FN:21	PRODUCER	05-Sep-2016 04:02	4967.5 M	4901.9 M
RTB	HRLA_NGS_021LUP	FN:22	PRODUCER	05-Sep-2016 04:02	4967.5 M	4901.9 M

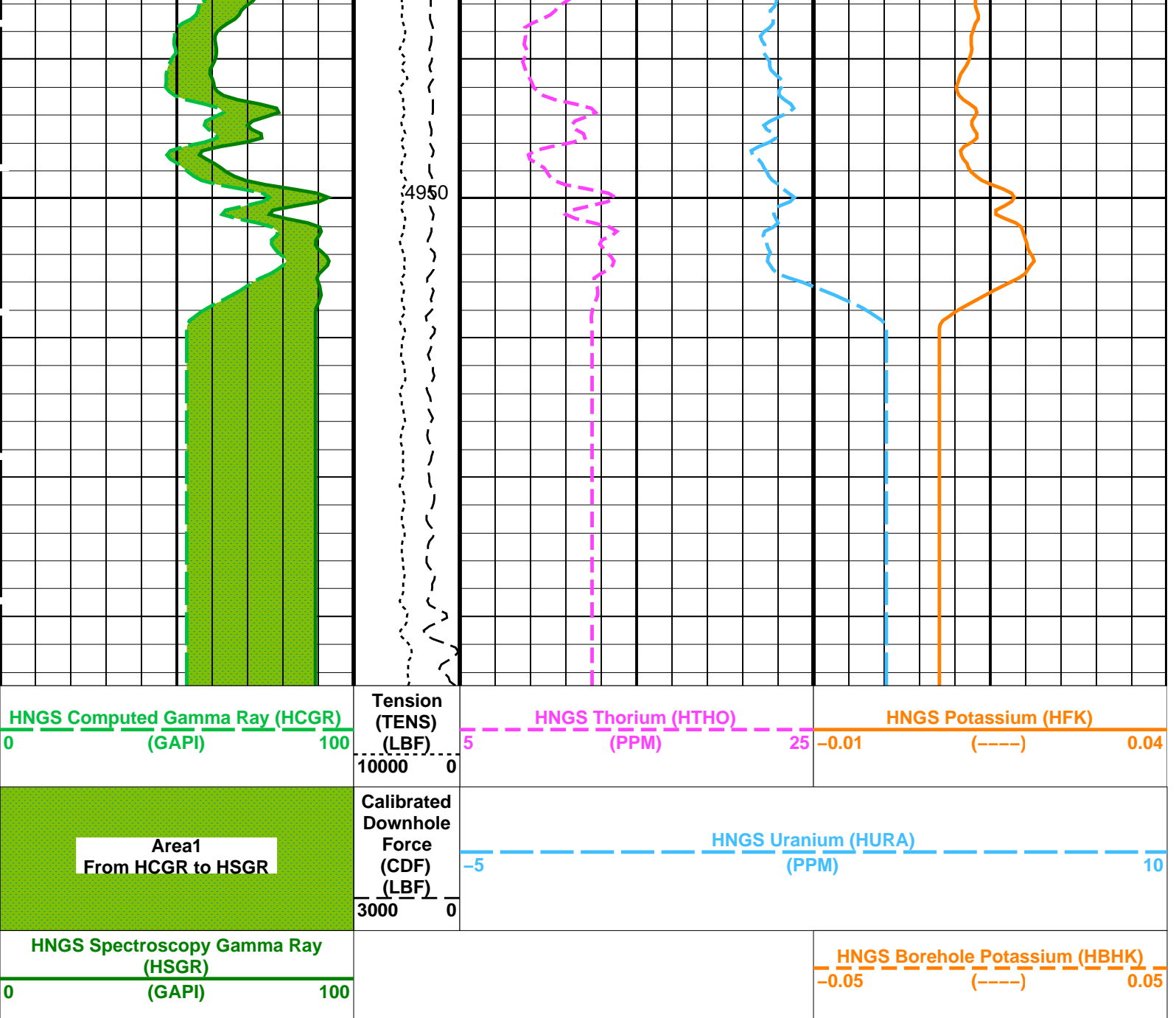
OP System Version: 19C0-187

HRLT-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S





PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
HRLT-B:	High Resolution Laterolog Array - B	
BHS	Borehole Status	CASED
GCSE	Generalized Caliper Selection	BS
HNGS-BA:	Hostile Natural Gamma Ray Sonde	
BAR1	HNGS Detector 1 Barite Constant	1
BAR2	HNGS Detector 2 Barite Constant	1
BHK	HNGS Borehole Potassium Correction Concentration	0
BHS	Borehole Status	CASED
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	0 IN
CSW1	Inner Casing Weight	0 LB/F
CSW2	Outer Casing Weight	0 LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE
GCSE	Generalized Caliper Selection	BS
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNGS Borehole Potassium Running Average	-0.0084324
HALF	HNGS Alpha Filter Length	60 IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE
HMWM	Mud Weighting Material	NATU
HNDF	HNGS Processing Enable	YES

HNP	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.986781	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.975259	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	CASED	
GCSE	Generalized Caliper Selection	BS	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.05	G/C3

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 05-Sep-2016 04:02

OP System Version: 19C0-187

HRLT-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Output DLIS Files

DEFAULT	HRLA_NGS_021LUP	FN:21	PRODUCER	05-Sep-2016 04:02
RTB	HRLA_NGS_021LUP	FN:22	PRODUCER	05-Sep-2016 04:02

Company: International Ocean Discovery Program Well: Expedition 362, Site U1480G

Output DLIS Files

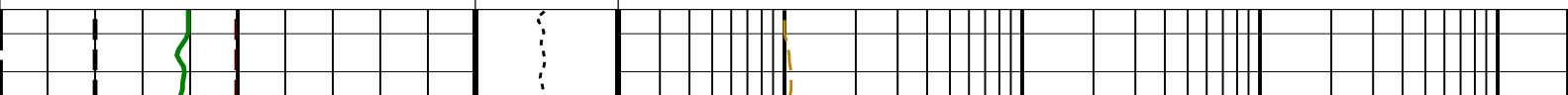
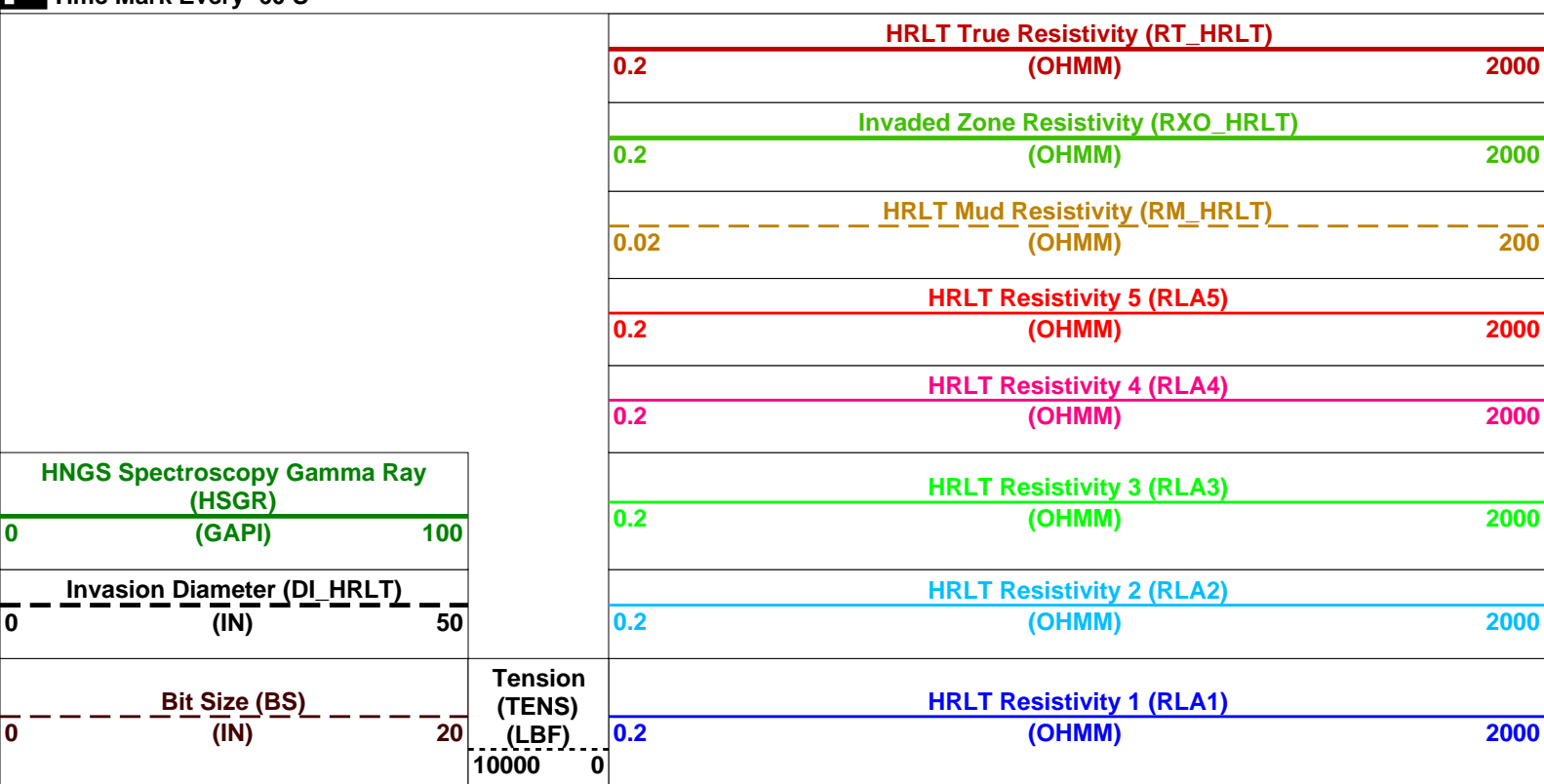
DEFAULT	HRLA_NGS_021LUP	FN:21	PRODUCER	05-Sep-2016 04:02	4967.5 M	4901.9 M
RTB	HRLA_NGS_021LUP	FN:22	PRODUCER	05-Sep-2016 04:02	4967.5 M	4901.9 M

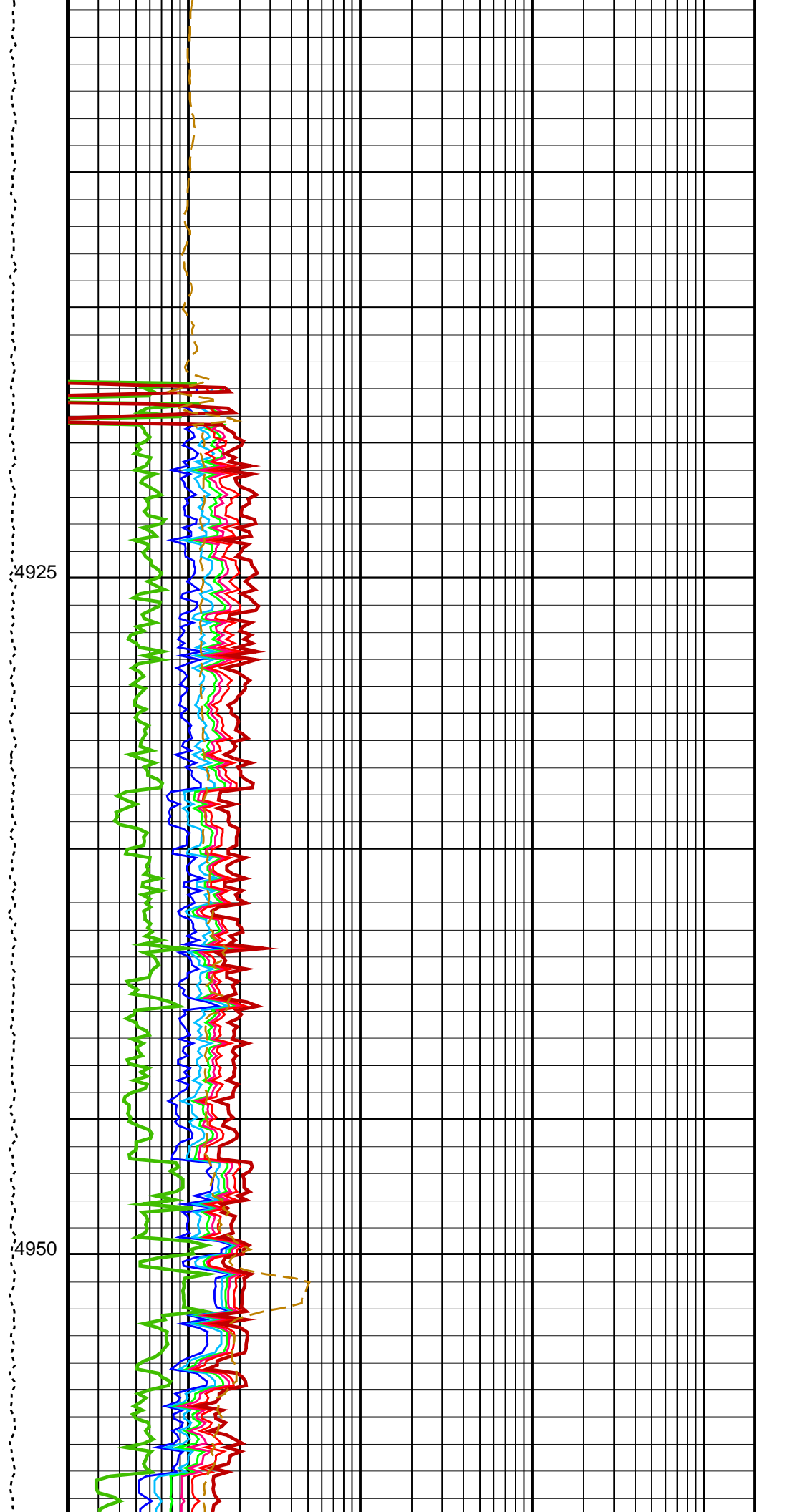
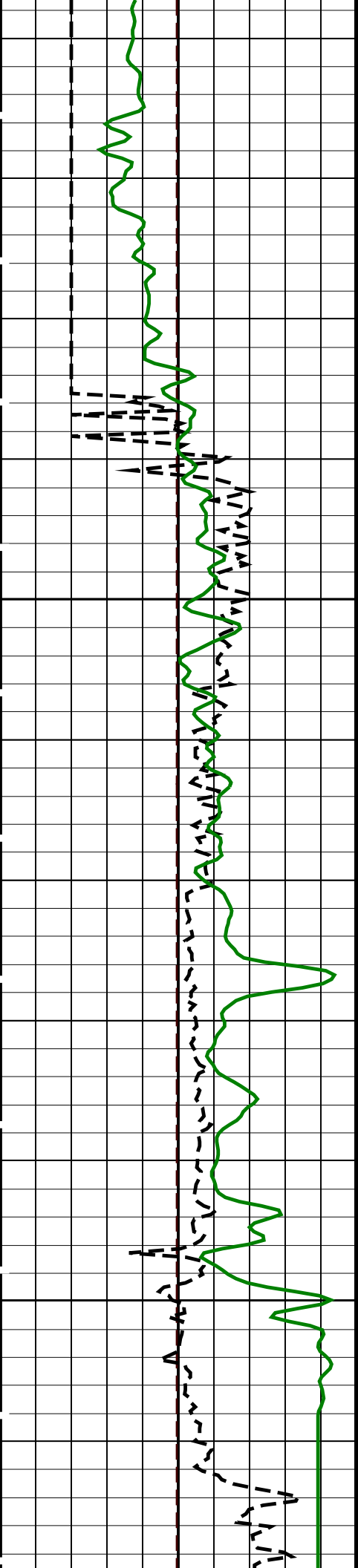
OP System Version: 19C0-187

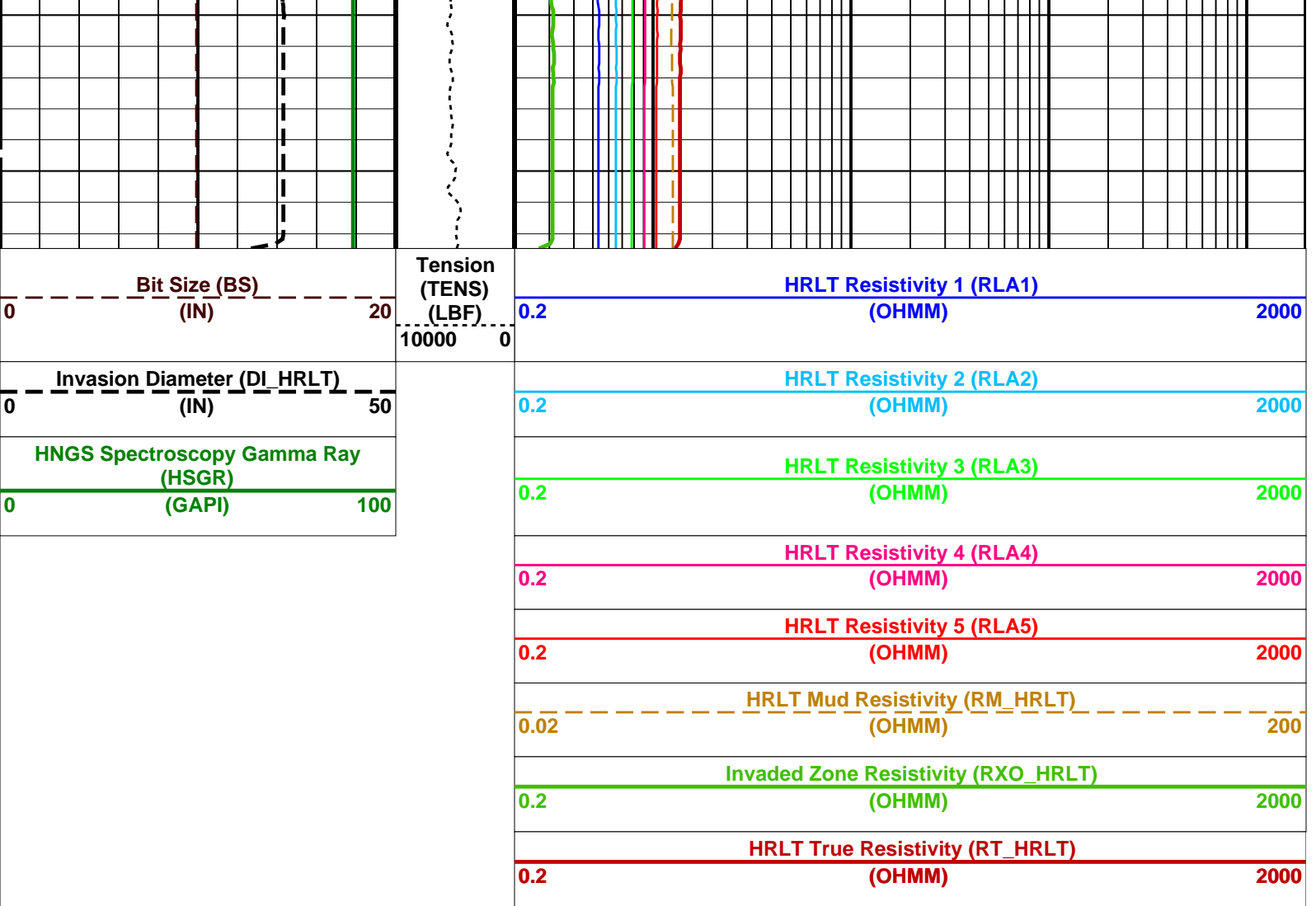
HRLT-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S







PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
HRLT-B: High Resolution Laterolog Array - B		
BHS	Borehole Status	CASED
BHT	Bottom Hole Temperature (used in calculations)	40 DEGC
GCSE	Generalized Caliper Selection	BS
GGRD	Geothermal Gradient	0.018227 DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE
KFAC_HRLT	HRLT K Factor Option	SONDE
PROCIINV	Inversion Selection	ON
PROCMFL	Inversion Micro-Resistivity Selection	NO_EXTERNAL_RXO
PROCMFO	Mechanical Standoff Fin Size	0 IN
PROCRM	Processing Mud Resistivity Select	HRLT_Compute
PROCSPO	Sonde Position	Eccentered
SHT	Surface Hole Temperature	20 DEGC
HNGS-BA: Hostile Natural Gamma Ray Sonde		
BAR1	HNGS Detector 1 Barite Constant	1
BAR2	HNGS Detector 2 Barite Constant	1
BHK	HNGS Borehole Potassium Correction Concentration	0
BHS	Borehole Status	CASED
BHT	Bottom Hole Temperature (used in calculations)	40 DEGC
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	0 IN
CSW1	Inner Casing Weight	0 LB/F
CSW2	Outer Casing Weight	0 LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE
GCSE	Generalized Caliper Selection	BS
GGRD	Geothermal Gradient	0.018227 DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNGS Borehole Potassium Running Average	-0.0084324

HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
SHT	Surface Hole Temperature	20	DEGC
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.986781	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.975259	
EDTC-B: Enhanced DTS Cartridge			
BHS	Borehole Status	CASED	
BHT	Bottom Hole Temperature (used in calculations)	40	DEGC
GCSE	Generalized Caliper Selection	BS	
GGRD	Geothermal Gradient	0.018227	DC/M
GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
SHT	Surface Hole Temperature	20	DEGC
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.05	G/C3
TD	Total Depth	5590.3	M

Format: HRLT Vertical Scale: 1:200 Graphics File Created: 05-Sep-2016 04:02

OP System Version: 19C0-187

HRLT-B	19C0-187	HNGC-B	19C0-187
HNGS-BA	19C0-187	EDTC-B	SKK-5169-EDTCB

Output DLIS Files

DEFAULT	HRLA_NGS_021LUP	FN:21	PRODUCER	05-Sep-2016 04:02
RTB	HRLA_NGS_021LUP	FN:22	PRODUCER	05-Sep-2016 04:02



Calibrations

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
High Resolution Laterolog Array - B Wellsite Calibration - HRLT M01							
Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54							
HRLT M0-M1 Voltage Plus - 0	0	N/A	-318.6	-318.2	0.3862	9.681	UV
HRLT M0-M1 Voltage Plus - 1	0	N/A	-330.8	-328.0	2.818	9.681	UV
HRLT M0-M1 Voltage Plus - 2	0	N/A	-338.0	-336.2	1.735	9.681	UV
HRLT M0-M1 Voltage Plus - 3	0	N/A	-328.8	-327.2	1.611	9.681	UV
HRLT M0-M1 Voltage Plus - 4	0	N/A	-319.7	-319.2	0.4094	9.681	UV
HRLT M0-M1 Voltage Plus - 5	0	N/A	-321.5	-321.1	0.4000	9.681	UV
HRLT M0-M1 Voltage Plus - 6	0	N/A	319.8	318.0	-1.851	9.681	UV
HRLT M0-M1 Voltage Plus - 7	0	N/A	-322.7	-322.7	0	9.681	UV
High Resolution Laterolog Array - B Wellsite Calibration - HRLT M12							
Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54							
HRLT M1-M2 Voltage Plus - 0	0	N/A	1739	1735	-3.855	53.42	UV
HRLT M1-M2 Voltage Plus - 1	0	N/A	1810	1795	-15.63	53.42	UV
HRLT M1-M2 Voltage Plus - 2	0	N/A	1843	1833	-10.39	53.42	UV
HRLT M1-M2 Voltage Plus - 3	0	N/A	1792	1782	-10.17	53.42	UV
HRLT M1-M2 Voltage Plus - 4	0	N/A	1742	1738	-3.883	53.42	UV
HRLT M1-M2 Voltage Plus - 5	0	N/A	1753	1749	-3.930	53.42	UV
HRLT M1-M2 Voltage Plus - 6	0	N/A	1750	1740	-10.00	53.42	UV

HRLT M1-M2 Voltage Plus - 6	0	N/A	-1748	-1748	10.29	53.42	UV
HRLT M1-M2 Voltage Plus - 7	0	N/A	1781	1781	0	53.42	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT M23

Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54

HRLT M2-M3 Voltage Plus - 0	0	N/A	1731	1728	-2.818	53.42	UV
HRLT M2-M3 Voltage Plus - 1	0	N/A	1811	1796	-15.21	53.42	UV
HRLT M2-M3 Voltage Plus - 2	0	N/A	1847	1837	-9.598	53.42	UV
HRLT M2-M3 Voltage Plus - 3	0	N/A	1800	1790	-9.654	53.42	UV
HRLT M2-M3 Voltage Plus - 4	0	N/A	1743	1740	-3.068	53.42	UV
HRLT M2-M3 Voltage Plus - 5	0	N/A	1755	1752	-3.078	53.42	UV
HRLT M2-M3 Voltage Plus - 6	0	N/A	-1749	-1739	9.781	53.42	UV
HRLT M2-M3 Voltage Plus - 7	0	N/A	1781	1781	0	53.42	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V34

Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54

HRLT A3-A4 Voltage Plus - 0	0	N/A	68610	68500	-111.6	2100	UV
HRLT A3-A4 Voltage Plus - 1	0	N/A	71660	71080	-586.1	2100	UV
HRLT A3-A4 Voltage Plus - 2	0	N/A	73330	72960	-377.1	2100	UV
HRLT A3-A4 Voltage Plus - 3	0	N/A	71720	71330	-392.4	2100	UV
HRLT A3-A4 Voltage Plus - 4	0	N/A	69430	69310	-127.0	2100	UV
HRLT A3-A4 Voltage Plus - 5	0	N/A	69920	69800	-119.7	2100	UV
HRLT A3-A4 Voltage Plus - 6	0	N/A	-68190	-67820	371.0	2100	UV
HRLT A3-A4 Voltage Plus - 7	0	N/A	70000	70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V45

Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54

HRLT A4-A5 Voltage Plus - 0	0	N/A	68690	68590	-101.6	2100	UV
HRLT A4-A5 Voltage Plus - 1	0	N/A	71870	71280	-586.1	2100	UV
HRLT A4-A5 Voltage Plus - 2	0	N/A	73520	73140	-376.3	2100	UV
HRLT A4-A5 Voltage Plus - 3	0	N/A	71870	71500	-373.4	2100	UV
HRLT A4-A5 Voltage Plus - 4	0	N/A	69540	69430	-111.6	2100	UV
HRLT A4-A5 Voltage Plus - 5	0	N/A	70020	69900	-126.9	2100	UV
HRLT A4-A5 Voltage Plus - 6	0	N/A	-68400	-68030	372.7	2100	UV
HRLT A4-A5 Voltage Plus - 7	0	N/A	70000	70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT V56

Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54

HRLT A5-A6 Voltage Plus - 0	0	N/A	68540	68430	-110.4	2100	UV
HRLT A5-A6 Voltage Plus - 1	0	N/A	71720	71140	-587.9	2100	UV
HRLT A5-A6 Voltage Plus - 2	0	N/A	73340	73020	-327.8	2100	UV
HRLT A5-A6 Voltage Plus - 3	0	N/A	71730	71340	-387.9	2100	UV
HRLT A5-A6 Voltage Plus - 4	0	N/A	69410	69290	-117.0	2100	UV
HRLT A5-A6 Voltage Plus - 5	0	N/A	69900	69760	-137.2	2100	UV
HRLT A5-A6 Voltage Plus - 6	0	N/A	-68240	-67870	373.6	2100	UV
HRLT A5-A6 Voltage Plus - 7	0	N/A	70000	70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT VTP

Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54

HRLT Torpedo-M0 Voltage - 0	0	N/A	-68080	-67980	101.8	2100	UV
HRLT Torpedo-M0 Voltage - 1	0	N/A	-71520	-70950	573.7	2100	UV
HRLT Torpedo-M0 Voltage - 2	0	N/A	-73210	-72850	352.7	2100	UV
HRLT Torpedo-M0 Voltage - 3	0	N/A	-71630	-71280	350.1	2100	UV
HRLT Torpedo-M0 Voltage - 4	0	N/A	-69360	-69260	104.0	2100	UV
HRLT Torpedo-M0 Voltage - 5	0	N/A	-69840	-69740	103.9	2100	UV
HRLT Torpedo-M0 Voltage - 6	0	N/A	68010	67640	-368.6	2100	UV
HRLT Torpedo-M0 Voltage - 7	0	N/A	-70000	-70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT VBD

Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54

HRLT Bridle#9-M0 Voltage - 0	0	N/A	-68110	-68020	86.85	2100	UV
HRLT Bridle#9-M0 Voltage - 1	0	N/A	-71610	-71030	577.2	2100	UV
HRLT Bridle#9-M0 Voltage - 2	0	N/A	-73290	-72950	341.8	2100	UV
HRLT Bridle#9-M0 Voltage - 3	0	N/A	-71710	-71340	368.9	2100	UV
HRLT Bridle#9-M0 Voltage - 4	0	N/A	-69410	-69310	98.94	2100	UV
HRLT Bridle#9-M0 Voltage - 5	0	N/A	-69880	-69780	101.4	2100	UV
HRLT Bridle#9-M0 Voltage - 6	0	N/A	68100	67740	-366.9	2100	UV
HRLT Bridle#9-M0 Voltage - 7	0	N/A	-70000	-70000	0	2100	UV

High Resolution Laterolog Array - B Wellsite Calibration - HRLT ISO

Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54

HRLT Source Current Plus - 0	0	N/A	284.1	283.8	-0.3386	8.520	UA
HRLT Source Current Plus - 1	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 2	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 3	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 4	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 5	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 6	0	N/A	281.1	281.1	0	8.520	UA
HRLT Source Current Plus - 7	0	N/A	281.1	281.1	0	8.520	UA

High Resolution Laterolog Array - B Wellsite Calibration - HRLT MV

Before: 5-Sep-2016 4:23 After: 5-Sep-2016 7:54

HRLT Vertical Voltage PI - 0	0	N/A	-320.1	-319.9	0.2830	9.681	UV
HRLT Vertical Voltage PI - 1	0	N/A	-324.9	-322.5	2.412	9.681	UV
HRLT Vertical Voltage PI - 2	0	N/A	-330.8	-329.2	1.561	9.681	UV
HRLT Vertical Voltage PI - 3	0	N/A	-320.2	-318.8	1.454	9.681	UV
HRLT Vertical Voltage PI - 4	0	N/A	-308.5	-308.1	0.3541	9.681	UV
HRLT Vertical Voltage PI - 5	0	N/A	-325.3	-324.8	0.4426	9.681	UV
HRLT Vertical Voltage PI - 6	0	N/A	326.6	325.1	-1.463	9.681	UV
HRLT Vertical Voltage PI - 7	0	N/A	-322.7	-322.7	0	9.681	UV

Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 1 Check

Master: 5-Aug-2016 20:35 Before: 5-Sep-2016 0:29 After: 5-Sep-2016 9:39

Na 511 Peak Loc	40.00	38.64	37.53	37.48	-0.05467	1.000	
Na 511 Peak Res	15.50	17.34	16.94	16.42	-0.5167	2.000	%
High Voltage	1150	1234	1219	1219	-0.04211	N/A	V
Na 1785 Peak Loc	142.6	140.9	137.1	136.8	-0.3395	7.000	
Na 1785 Peak Res	8.500	8.350	8.465	8.539	0.07366	2.000	%
Temperature	15.50	34.06	31.13	28.95	-2.182	N/A	DEGC
Na Count Rate	45.00	33.65	33.17	32.65	-0.5243	8.000	CPS

Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 2 Check

Master: 5-Aug-2016 20:35 Before: 5-Sep-2016 0:29 After: 5-Sep-2016 9:39

Na 511 Peak Loc	40.00	39.56	39.81	39.60	-0.2093	1.000	
Na 511 Peak Res	15.50	16.73	16.32	16.47	0.1526	2.000	%
High Voltage	1150	1111	1103	1104	0.7665	N/A	V
Na 1785 Peak Loc	142.6	143.4	143.5	143.5	-0.01424	7.000	
Na 1785 Peak Res	8.500	8.504	8.776	9.235	0.4599	2.000	%
Temperature	15.50	33.88	30.62	29.67	-0.9446	N/A	DEGC
Na Count Rate	45.00	33.79	33.19	32.55	-0.6458	8.000	CPS

Hostile Natural Gamma Ray Sonde Wellsite Calibration - Ratio Of Detector 1 To Detector 2

Master: 5-Aug-2016 20:35 Before: 5-Sep-2016 0:29 After: 5-Sep-2016 9:39

Coincidence Count Rate Ratio	1.000	0.9950	0.9927	0.9956	0.002845	0.05000	
------------------------------	-------	--------	--------	--------	----------	---------	--

Enhanced DTS Cartridge Wellsite Calibration - EDTC Accelerometer Calibration

Before: 5-Sep-2016 0:27

EDTC Z-Axis Acceleration	9.810	N/A	9.747	N/A	N/A	N/A	M/S2
--------------------------	-------	-----	-------	-----	-----	-----	------

Enhanced DTS Cartridge Wellsite Calibration - Detector Calibration

Before: 5-Sep-2016 0:26 After: 5-Sep-2016 7:55

Gamma Ray (Jig - Bkg)	151.6	N/A	151.6	151.8	0.1681	13.78	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	165.2	0.1829	15.00	GAPI

High Resolution Laterolog Array - B / Equipment Identification

Primary Equipment:

HRLT Sonde HRLS - B 768

Auxiliary Equipment:

HRLT lower Housing HRLH - B 968
HRLT Lower Cartridge HRLC - B 974
HRLT upper Housing HRUH - B 978
HRLT Upper Cartridge HRUC - B 764

High Resolution Laterolog Array - B Wellsite Calibration

HRLT M01

Idx	Phase	HRLT M0-M1 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-318.6	-322.7	-280.7	-379.7
	After		-318.2			
1	Before		-330.8	-322.7	-280.7	-379.7
	After		-328.0			
2	Before		-338.0	-322.7	-280.7	-379.7
	After		-336.2			
3	Before		-328.8	-322.7	-280.7	-379.7
	After		-327.2			
4	Before		-319.7	-322.7	-280.7	-379.7
	After		-319.2			
	Before		-321.5			

5	After		-321.1	-322.7	-280.7	-379.7
6	Before		319.8	322.7	379.7	280.7
	After		318.0			
7	Before		-322.7	-322.7	-280.7	-379.7
	After		-322.7			
			(Minimum)	(Nominal)	(Maximum)	

Before: 5-Sep-2016 4:23
 After: 5-Sep-2016 7:54

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT M12						
Idx	Phase	HRLT M1–M2 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1739	1781	2095	1549
	After		1735			
1	Before		1810	1781	2095	1549
	After		1795			
2	Before		1843	1781	2095	1549
	After		1833			
3	Before		1792	1781	2095	1549
	After		1782			
4	Before		1742	1781	2095	1549
	After		1738			
5	Before		1753	1781	2095	1549
	After		1749			
6	Before		-1758	-1781	-1549	-2095
	After		-1748			
7	Before		1781	1781	2095	1549
	After		1781			
			(Minimum)	(Nominal)	(Maximum)	

Before: 5-Sep-2016 4:23
 After: 5-Sep-2016 7:54

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT M23						
Idx	Phase	HRLT M2–M3 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		1731	1781	2095	1549
	After		1728			
1	Before		1811	1781	2095	1549
	After		1796			
2	Before		1847	1781	2095	1549
	After		1837			
3	Before		1800	1781	2095	1549
	After		1790			
4	Before		1743	1781	2095	1549
	After		1740			
5	Before		1755	1781	2095	1549
	After		1752			
6	Before		-1749			

6	Before		-1743	-1781	-1549	-2095
	After		-1739			
7	Before		1781	1781	2095	1549
	After		1781			
			(Minimum)	(Nominal)	(Maximum)	
Before: 5-Sep-2016 4:23						
After: 5-Sep-2016 7:54						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V34						
Idx	Phase	HRLT A3–A4 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68610	70000	82360	60900
	After		68500			
1	Before		71660	70000	82360	60900
	After		71080			
2	Before		73330	70000	82360	60900
	After		72960			
3	Before		71720	70000	82360	60900
	After		71330			
4	Before		69430	70000	82360	60900
	After		69310			
5	Before		69920	70000	82360	60900
	After		69800			
6	Before		-68190	-70000	-60900	-82360
	After		-67820			
7	Before		70000	70000	82360	60900
	After		70000			
			(Minimum)	(Nominal)	(Maximum)	
Before: 5-Sep-2016 4:23						
After: 5-Sep-2016 7:54						

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V45						
Idx	Phase	HRLT A4–A5 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68690	70000	82360	60900
	After		68590			
1	Before		71870	70000	82360	60900
	After		71280			
2	Before		73520	70000	82360	60900
	After		73140			
3	Before		71870	70000	82360	60900
	After		71500			
4	Before		69540	70000	82360	60900
	After		69430			
5	Before		70020	70000	82360	60900
	After		69900			
6	Before		-68400	-70000	-60900	-82360
	After		-68030			
7	Before		70000	70000	82360	60900
	After		70000			
			(Minimum)	(Nominal)	(Maximum)	

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

Before: 5-Sep-2016 4:23
 After: 5-Sep-2016 7:54

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT V56						
Idx	Phase	HRLT A5–A6 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		68540	70000	82360	60900
	After		68430			
1	Before		71720	70000	82360	60900
	After		71140			
2	Before		73340	70000	82360	60900
	After		73020			
3	Before		71730	70000	82360	60900
	After		71340			
4	Before		69410	70000	82360	60900
	After		69290			
5	Before		69900	70000	82360	60900
	After		69760			
6	Before		-68240	-70000	-60900	-82360
	After		-67870			
7	Before		70000	70000	82360	60900
	After		70000			
		(Minimum) (Nominal) (Maximum)				

Before: 5-Sep-2016 4:23
 After: 5-Sep-2016 7:54

High Resolution Laterolog Array – B Wellsite Calibration						
HRLT VTP						
Idx	Phase	HRLT Torpedo–M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-68080	-70000	-60900	-82360
	After		-67980			
1	Before		-71520	-70000	-60900	-82360
	After		-70950			
2	Before		-73210	-70000	-60900	-82360
	After		-72850			
3	Before		-71630	-70000	-60900	-82360
	After		-71280			
4	Before		-69360	-70000	-60900	-82360
	After		-69260			
5	Before		-69840	-70000	-60900	-82360
	After		-69740			
6	Before		68010	70000	82360	60900
	After		67640			
7	Before		-70000	-70000	-60900	-82360
	After		-70000			

(Minimum) (Nominal) (Maximum)
 Before: 5-Sep-2016 4:23
 After: 5-Sep-2016 7:54

High Resolution Laterolog Array – B Wellsite Calibration							
HRLT VBD							
Idx	Phase	HRLT Bridle#9-M0 Voltage Plus UV	Value	Nominal	Maximum	Minimum	
0	Before		-68110	-70000	-60900	-82360	
	After		-68020				
1	Before		-71610	-70000	-60900	-82360	
	After		-71030				
2	Before		-73290	-70000	-60900	-82360	
	After		-72950				
3	Before		-71710	-70000	-60900	-82360	
	After		-71340				
4	Before		-69410	-70000	-60900	-82360	
	After		-69310				
5	Before		-69880	-70000	-60900	-82360	
	After		-69780				
6	Before		68100	70000	82360	60900	
	After		67740				
7	Before		-70000	-70000	-60900	-82360	
	After		-70000				
		(Minimum) (Nominal) (Maximum)					

Before: 5-Sep-2016 4:23
 After: 5-Sep-2016 7:54

High Resolution Laterolog Array – B Wellsite Calibration							
HRLT ISO							
Idx	Phase	HRLT Source Current Plus UA	Value	Nominal	Maximum	Minimum	
0	Before		284.1	284.0	334.1	247.0	
	After		283.8				
1	Before		281.1	281.1	330.7	244.4	
	After		281.1				
2	Before		281.1	281.1	330.7	244.4	
	After		281.1				
3	Before		281.1	281.1	330.7	244.4	
	After		281.1				
4	Before		281.1	281.1	330.7	244.4	
	After		281.1				
5	Before		281.1	281.1	330.7	244.4	
	After		281.1				
6	Before		281.1	281.1	330.7	244.4	
	After		281.1				
7	Before		281.1	281.1	330.7	244.4	
	After		281.1				
		(Minimum) (Nominal) (Maximum)					

Before: 5-Sep-2016 4:23
 After: 5-Sep-2016 7:54

High Resolution Laterolog Array – B Wellsite Calibration

HRLT MV

Idx	Phase	HRLT Vertical Voltage Plus UV	Value	Nominal	Maximum	Minimum
0	Before		-320.1	-322.7	-280.7	-379.7
	After		-319.9			
1	Before		-324.9	-322.7	-280.7	-379.7
	After		-322.5			
2	Before		-330.8	-322.7	-280.7	-379.7
	After		-329.2			
3	Before		-320.2	-322.7	-280.7	-379.7
	After		-318.8			
4	Before		-308.5	-322.7	-280.7	-379.7
	After		-308.1			
5	Before		-325.3	-322.7	-280.7	-379.7
	After		-324.8			
6	Before		326.6	322.7	379.7	280.7
	After		325.1			
7	Before		-322.7	-322.7	-280.7	-379.7
	After		-322.7			

(Minimum) (Nominal) (Maximum)

Before: 5-Sep-2016 4:23

After: 5-Sep-2016 7:54

Hostile Natural Gamma Ray Cartridge – B / Equipment Identification

Primary Equipment:
HNGC Cartridge

HNGC – B 439

Auxiliary Equipment:
HNGC Housing

HNGH – A 380

Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:
HNGS Sonde

HNGS – BA 177

Auxiliary Equipment:
HNGS Sonde Housing
Gamma Source Radioactive

HNSH – BA 174
GSR – U 616008

Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 1 Check

Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		38.64	Master		17.34	Master		1234
Before		37.53	Before		16.94	Before		1219
After		37.48	After		16.42	After		1219
	37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)			12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)			900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)	
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		140.9	Master		8.350	Master		34.06
Before		137.1	Before		8.465	Before		31.13
After		136.8	After		8.539	After		28.95

Phase	Na Count Rate CPS	Value
Master		33.65
Before		33.17
After		32.65
10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)		

Master: 5-Aug-2016 20:35 Before: 5-Sep-2016 0:29 After: 5-Sep-2016 9:39

Hostile Natural Gamma Ray Sonde Wellsite Calibration								
Detector 2 Check								
Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		39.56	Master		16.73	Master		1111
Before		39.81	Before		16.32	Before		1103
After		39.60	After		16.47	After		1104
37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)			12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)			900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)		
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		143.4	Master		8.504	Master		33.88
Before		143.5	Before		8.776	Before		30.62
After		143.5	After		9.235	After		29.67
135.0 (Minimum) 142.6 (Nominal) 150.3 (Maximum)			7.000 (Minimum) 8.500 (Nominal) 11.00 (Maximum)			-28.89 (Minimum) 15.50 (Nominal) 60.00 (Maximum)		
Phase	Na Count Rate CPS	Value						
Master		33.79						
Before		33.19						
After		32.55						
10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)								

Master: 5-Aug-2016 20:35 Before: 5-Sep-2016 0:29 After: 5-Sep-2016 9:39

Hostile Natural Gamma Ray Sonde Wellsite Calibration		
Ratio Of Detector 1 To Detector 2		
Phase	Coincidence Count Rate Ratio	Value
Master		0.9950
Before		0.9927
After		0.9956
0.9500 (Minimum) 1.000 (Nominal) 1.050 (Maximum)		

Master: 5-Aug-2016 20:35
 Before: 5-Sep-2016 0:29
 After: 5-Sep-2016 9:39


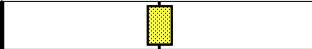
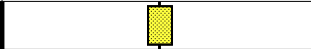
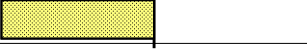
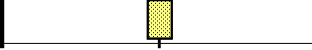
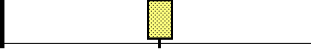
Enhanced DTS Cartridge / Equipment Identification		
Primary Equipment:		
EDTC Gamma Ray Detector	EDTG - A/B	8305
Enhanced DTS Cartridge	EDTC - B	8317
Auxiliary Equipment:		
EDTC Housing	EDTH - B	8303

Enhanced DTS Cartridge Wellsite Calibration		
EDTC Accelerometer Calibration		
Phase	EDTC Z-Axis Acceleration M/S2	Value
Before		9.747
9.610 (Minimum) 9.810 (Nominal) 10.01 (Maximum)		

Before: 5-Sep-2016 0:27

Enhanced DTS Cartridge Wellsite Calibration

Detector Calibration

Phase	Gamma Ray Background GAPI	Value	Phase	Gamma Ray (Jig - Bkg) GAPI	Value	Phase	Gamma Ray (Calibrated) GAPI	Value
Before		1.621	Before		151.6	Before		165.0
After		0.7734	After		151.8	After		165.2
	0 (Minimum) 30.00 (Nominal) 120.0 (Maximum)			137.8 (Minimum) 151.6 (Nominal) 165.4 (Maximum)			150.0 (Minimum) 165.0 (Nominal) 180.0 (Maximum)	
Before: 5-Sep-2016 0:26			After: 5-Sep-2016 7:55					

Company: **International Ocean Discovery Program**

Schlumberger

Well: **Expedition 362, Site U1480G**

Field: **Sumatra Seismogenic Zone**

Rig: **JOIDES Resolution**

Country:

HNGS Spectral GR

HRLA Resistivity

Cased-Hole Log