

DISCLAIMER

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OTHER SERVICES1 OS1: TAP OS2: MEST OS3: DSST OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
REMARKS: RUN NUMBER 1 Logs not depth corrected. Corrections applied as per parameter listing below main pass. Presentations as per ODP standards.	REMARKS: RUN NUMBER 2

RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		10C0-306	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1	RUN 2
SURFACE EQUIPMENT SFT-281 24 SFT-178 4722 GSR-U 135 WITM (DTS)-A	

DOWNHOLE EQUIPMENT	
LEH-QT	33.47
LEH-QT	
DTC-H	32.58
ECH-KC	31.66
HNGS-BA	31.66
HNGS-BA 77	

CTEM
TelStatus
ToolStatu

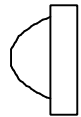
32.30
31.66

Upper_1
Lower_2

30.96
30.75

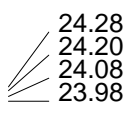
HNSH-BA 79

ILE-D 29.16
ILE-D



APS-BA 26.73
APS-BA 22
APH-AC 22
MNTR-F 4185

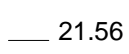
Status
Minitron
Near TD
Near
Far Arr
Far
Far TD



24.28
24.20
24.08
23.98

NPLC-B 22.78
NPLC-B 79
NPH-B 82

Status



21.56

DTA-A 20.34
ECH-KE



HLDT-A 19.12
GSR-Z 1846
HLDC-AA 11
HLDV-A 10
HLDS-B 10
HLDP-B 10
HEH-G 11
HEH-H 12

LS
SS
Caliper

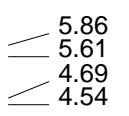


13.17
13.05
13.00

DIT-E 12.23
DIC-EB 438
MIH-ZA
DIS-HB 442

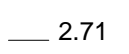


SP
Deep Ind
Aux Meas SFL
Med Ind



5.86
5.61
4.69
4.54

Status



2.71

AH-TAP 2.71
AH-TAP

DF
Tension HV



0.00

TOOL ZERO

MAXIMUM STRING DIAMETER 3.88 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Input DLIS Files

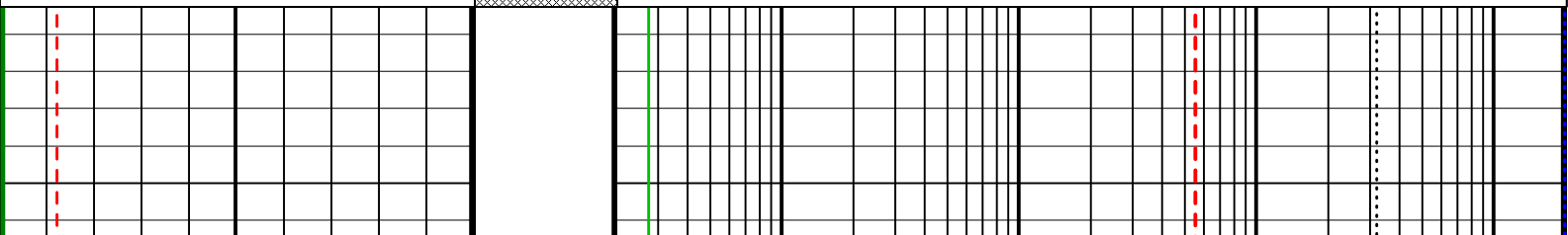
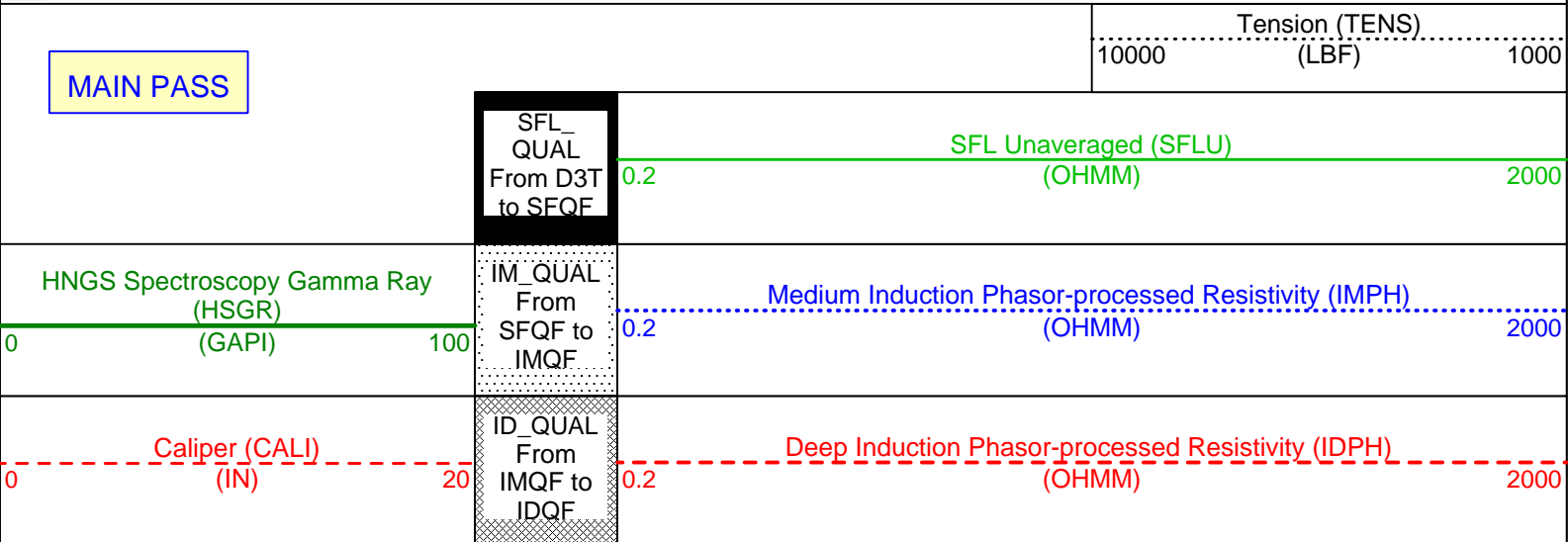
DEFAULT PI_LDL_APS_NGS_031PUP FN:36 PRODUCER 08-Oct-2002 12:53 16140.0 FT 14108.0 FT

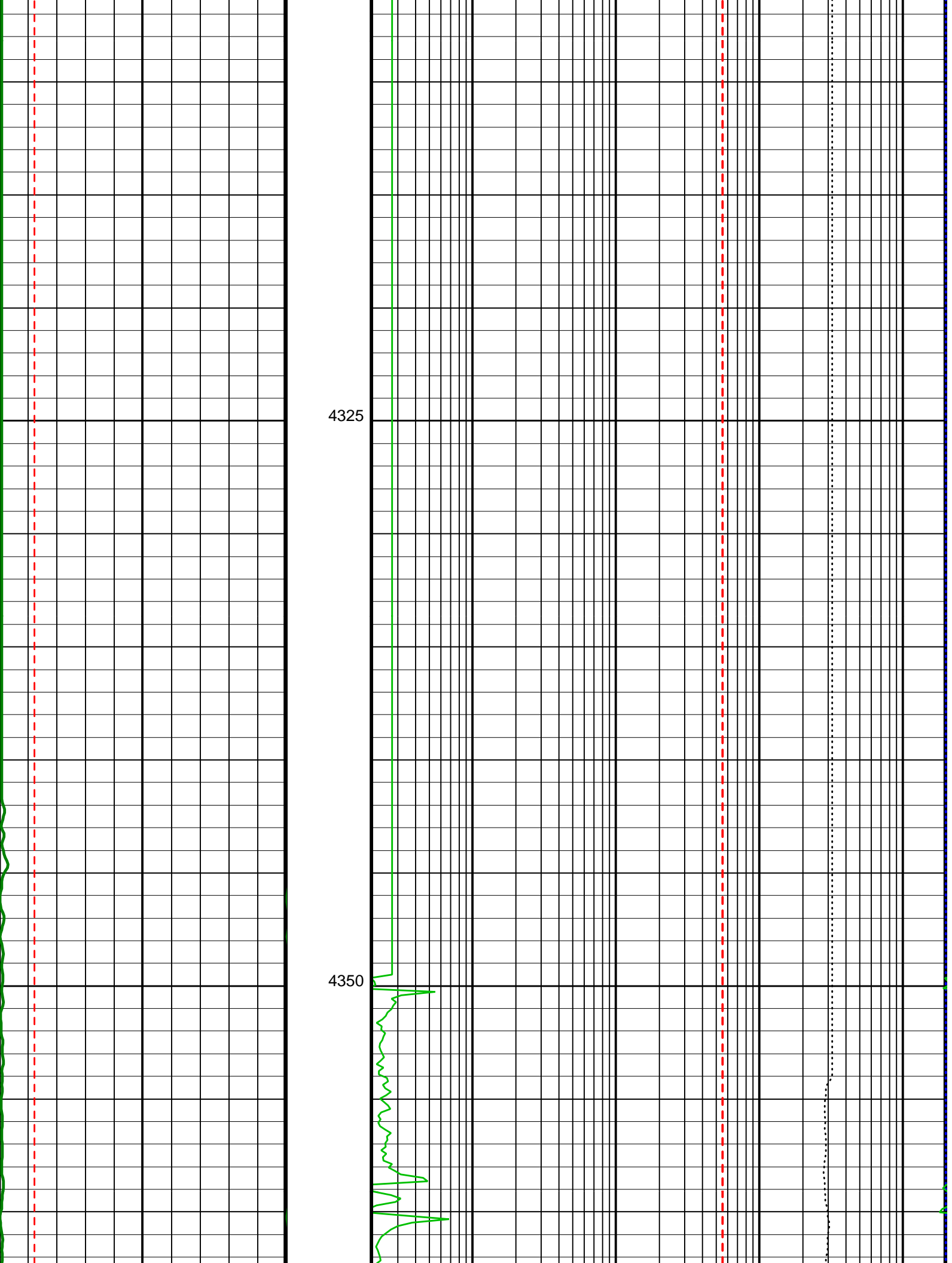
OP System Version: 10C0-306 MCM

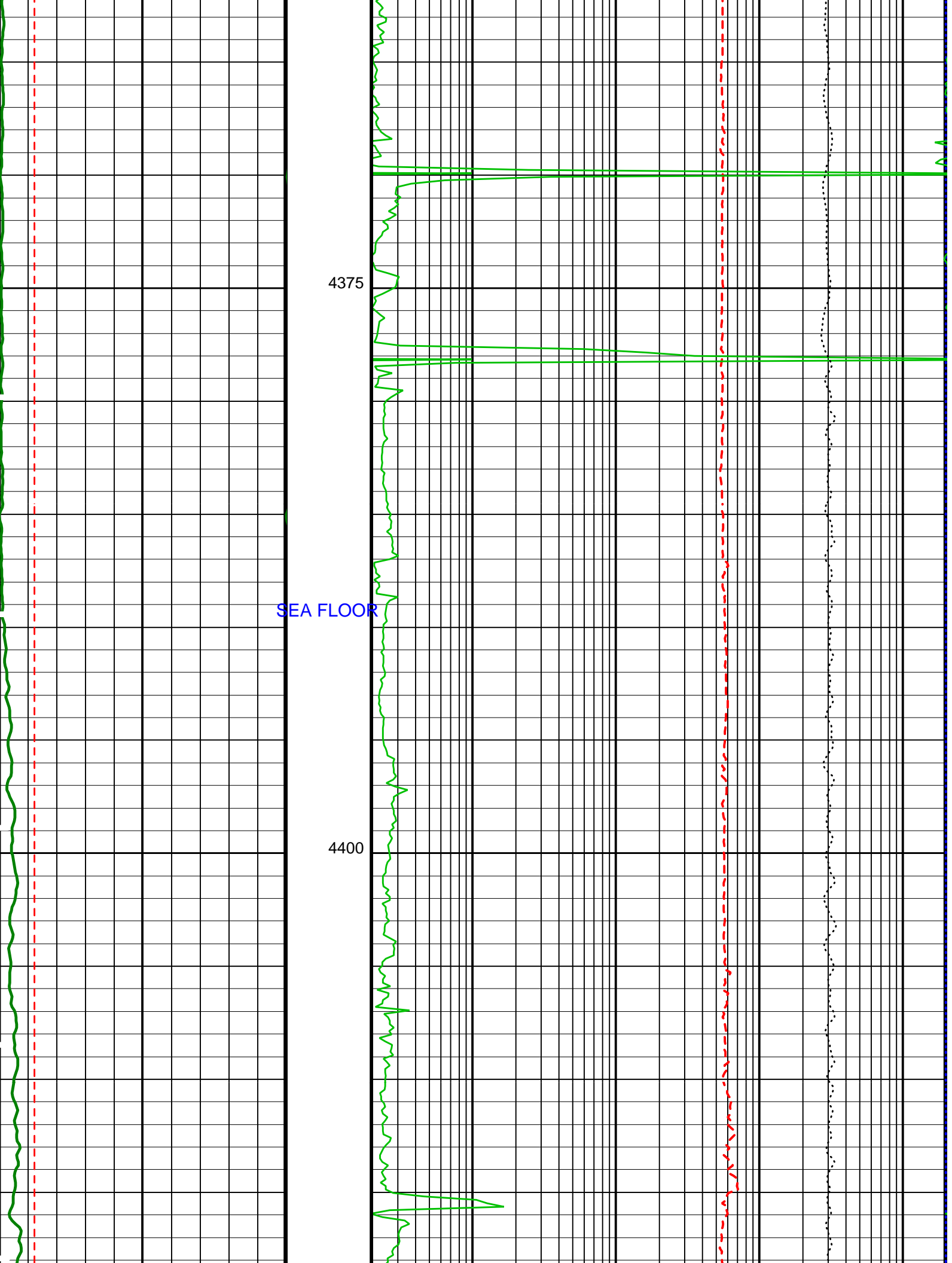
DITE	10C0-306	HLDTA	10C0-306
DTAA	10C0-306	NPLC-BA	OP10-KP1
APS-BA	OP10-KP1	HNGS-BA	OP10-KP1
DTCH	10C0-306		

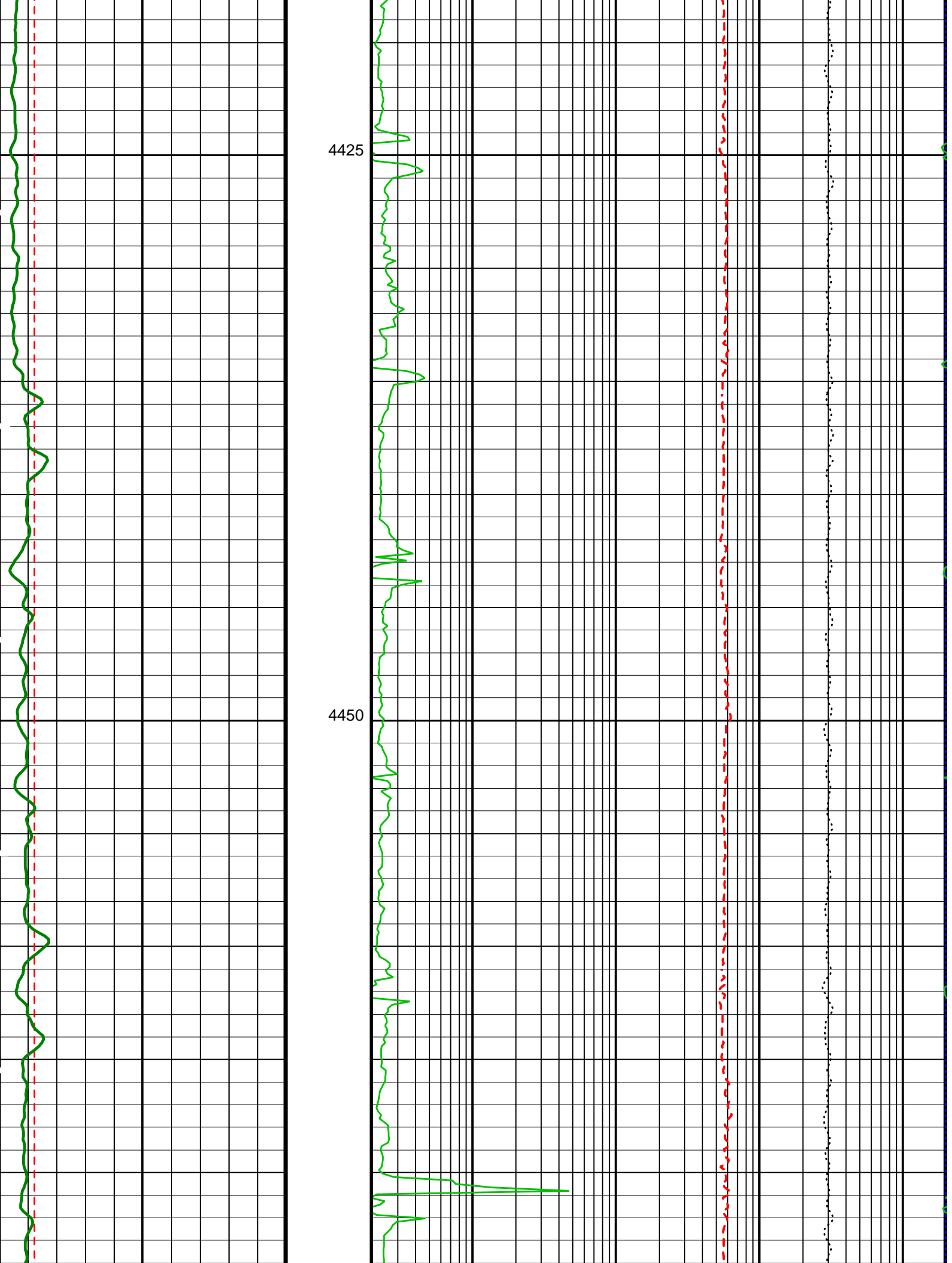
PIP SUMMARY

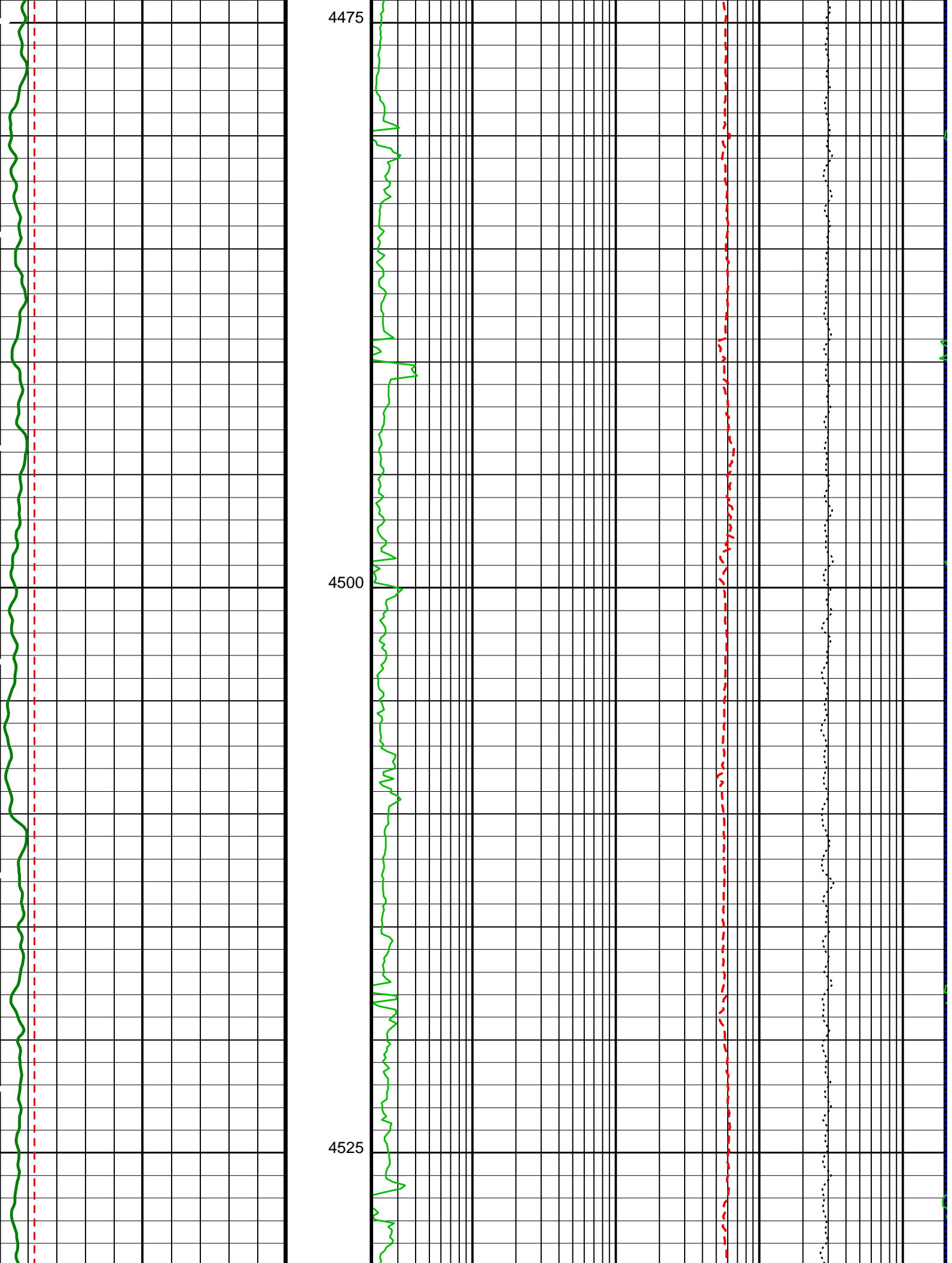
Time Mark Every 60 S

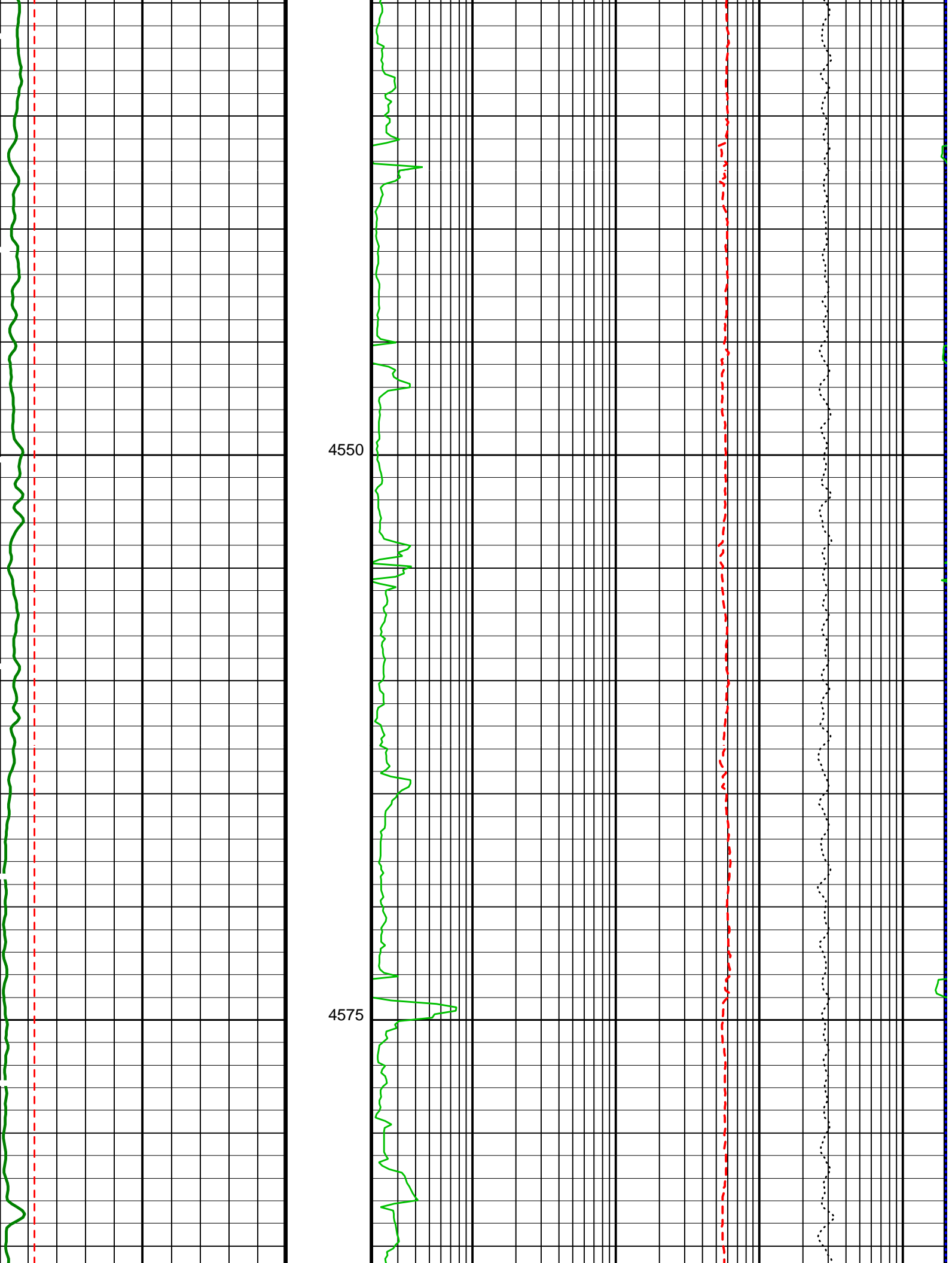


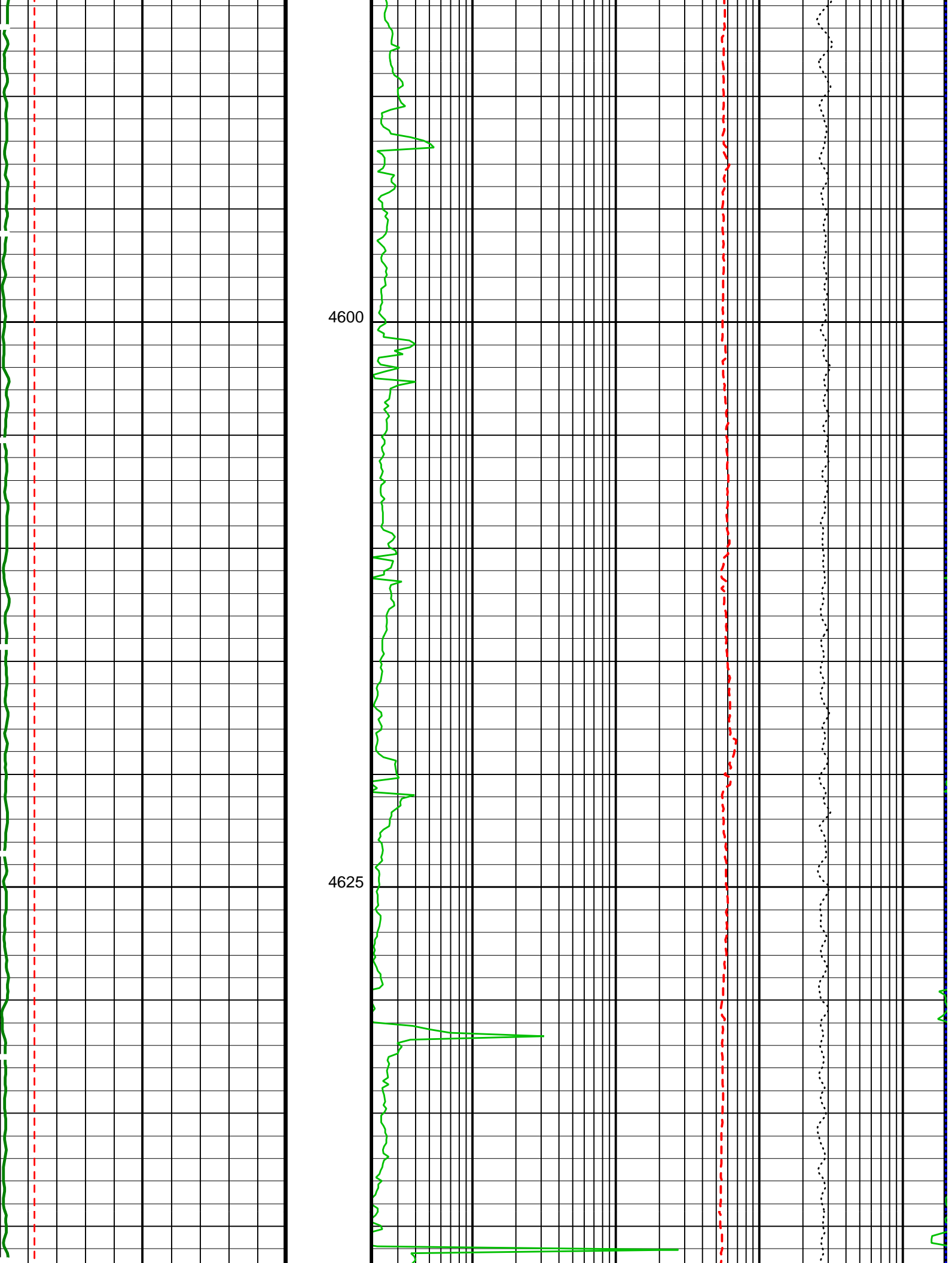


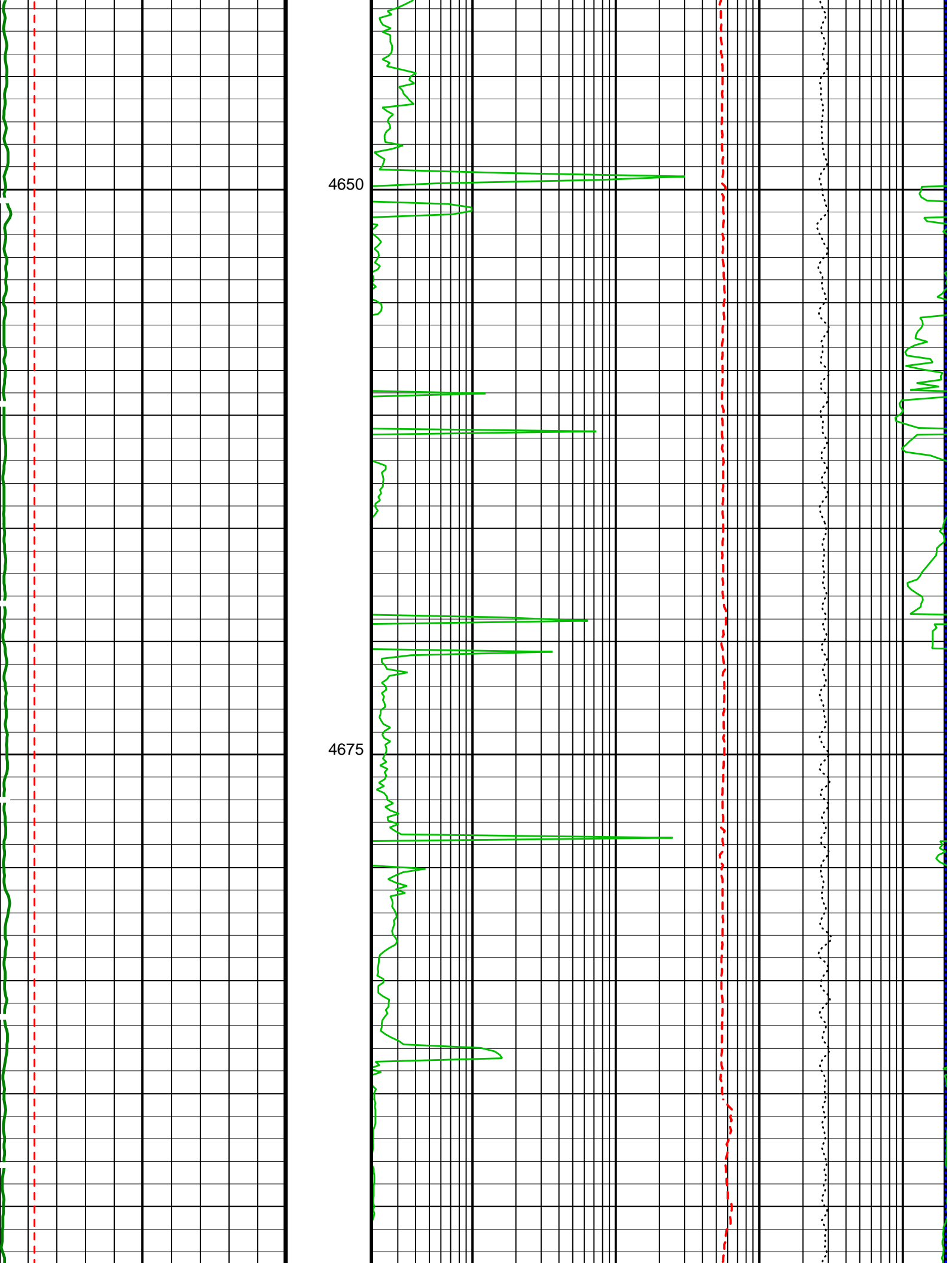


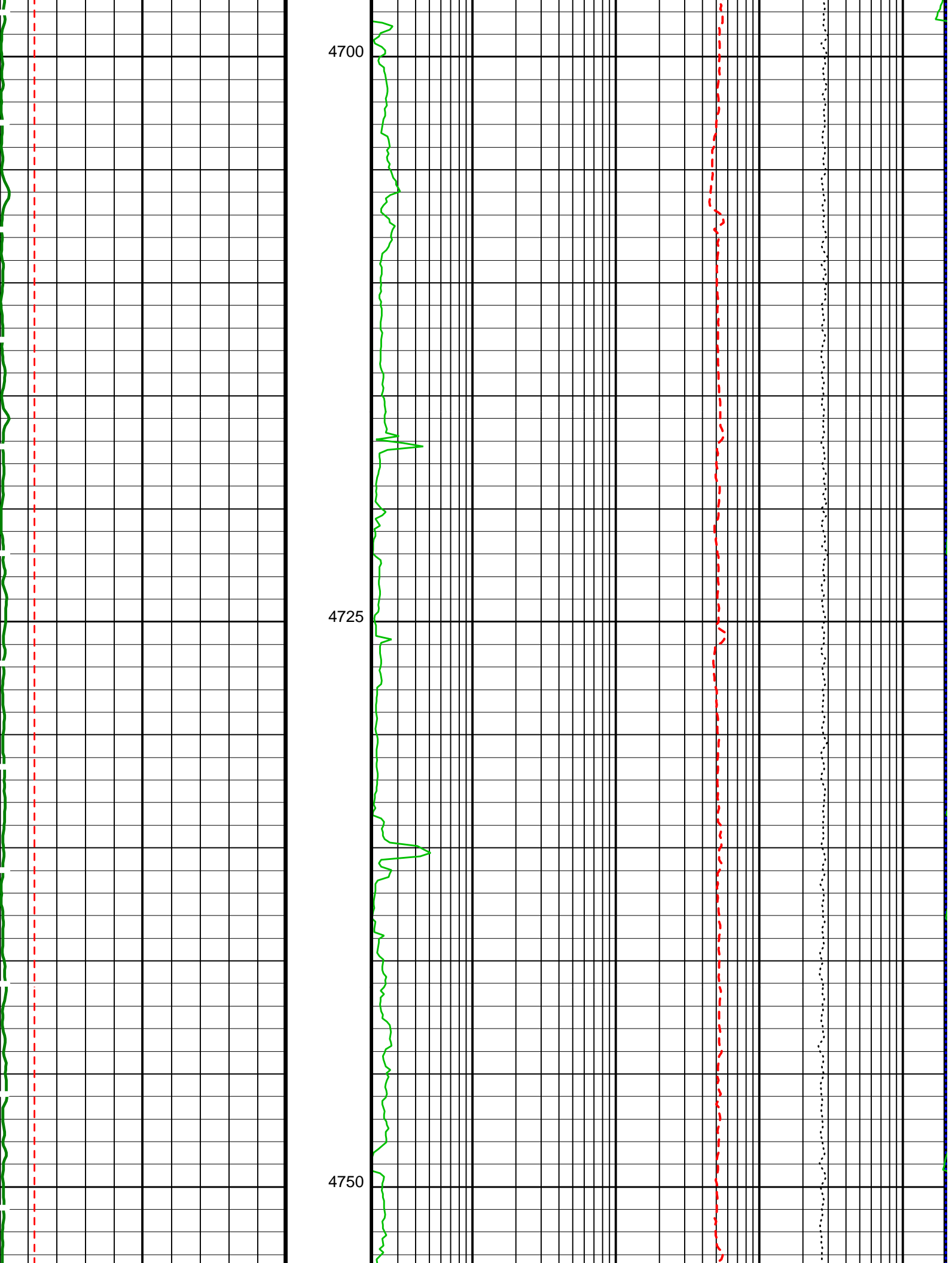


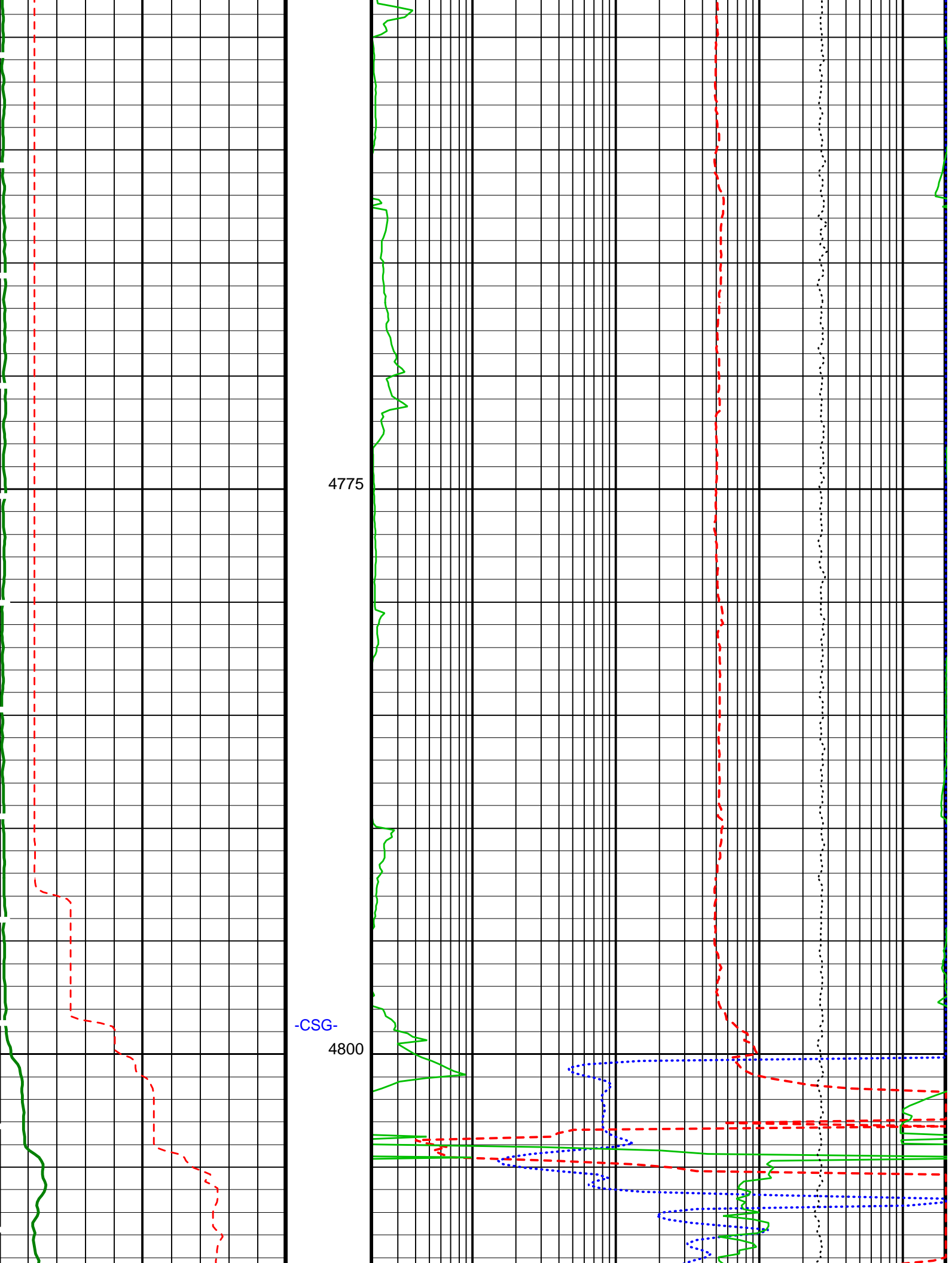








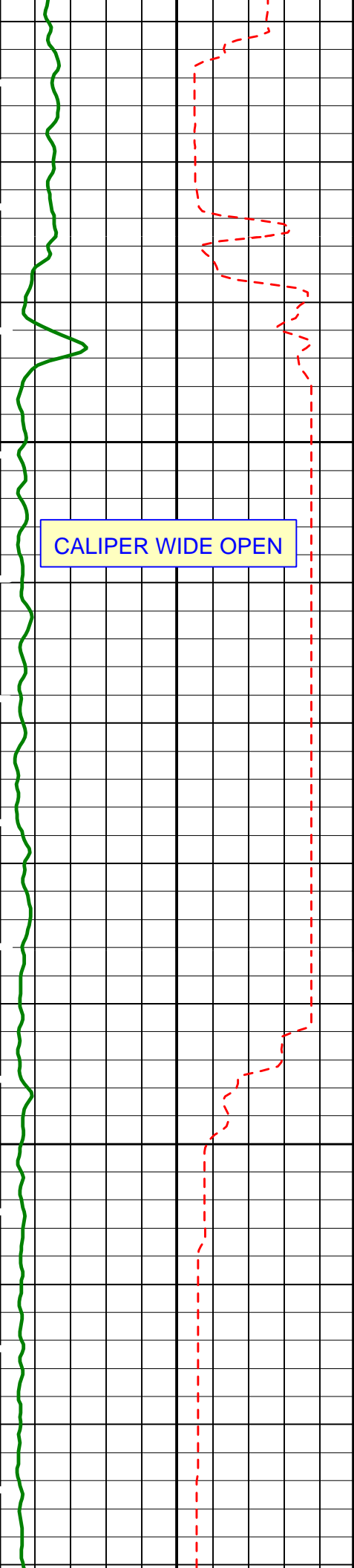




4775

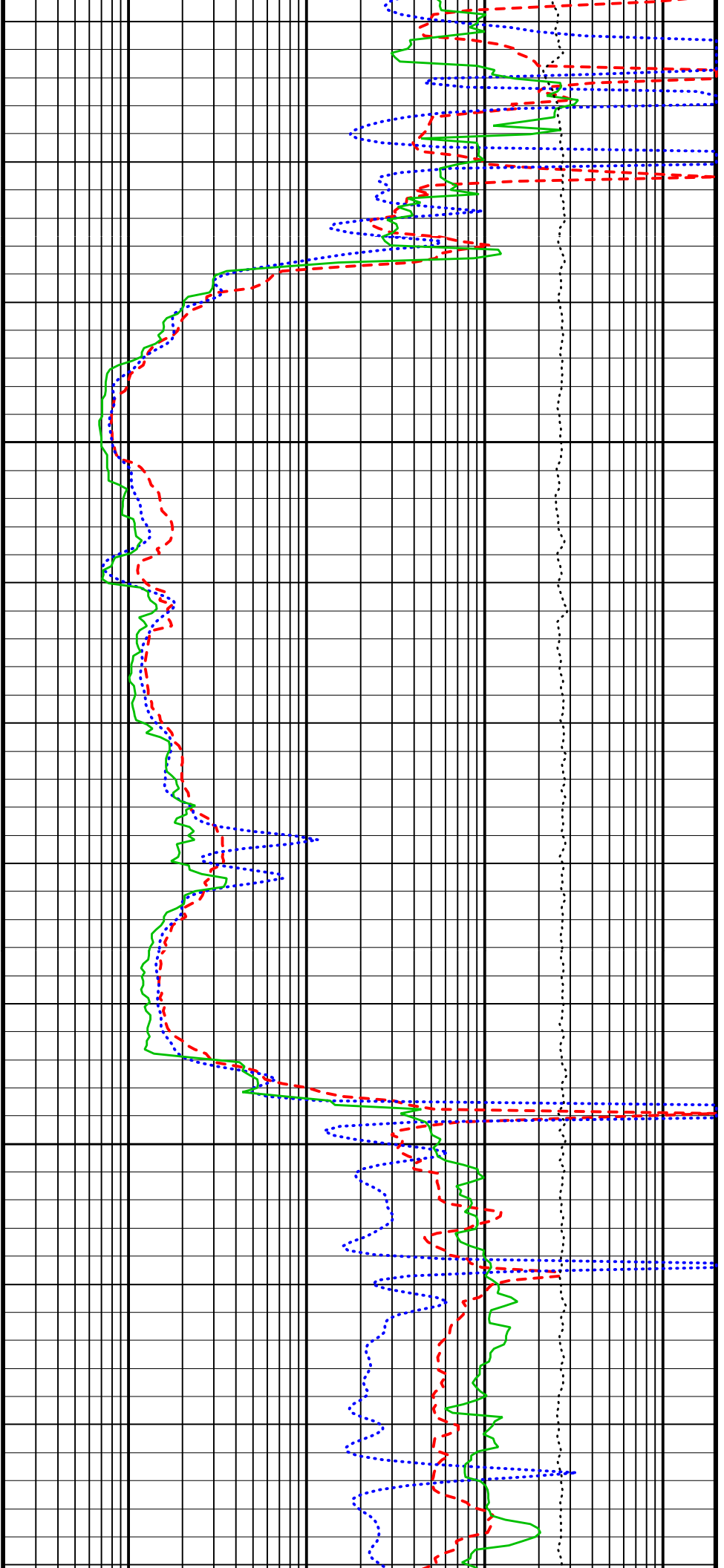
-CSG-

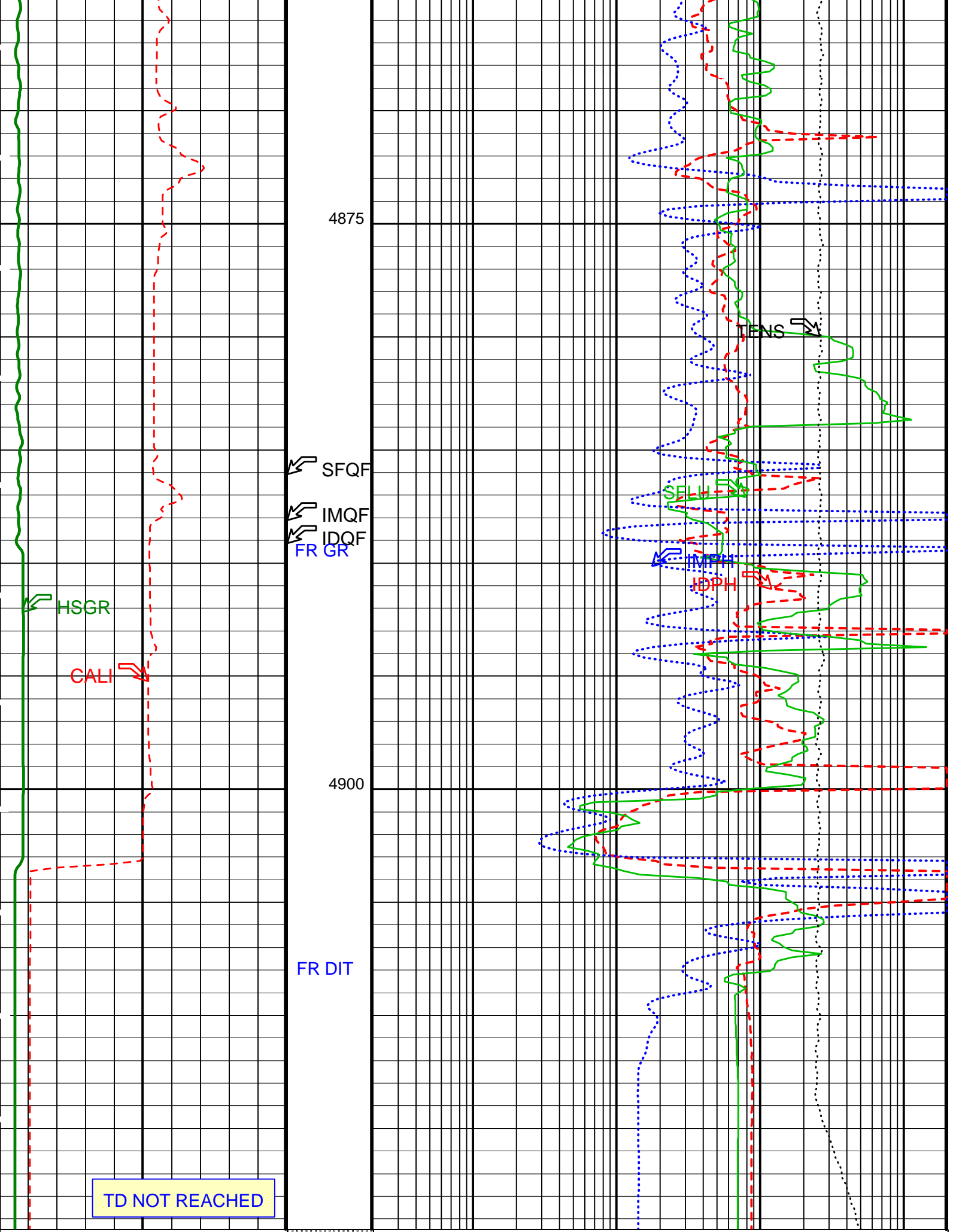
4800



4825

4850





TD NOT REACHED

Caliper (CALI)

ID_QUAL From

Deep Induction Phasor-processed Resistivity (IDPH)

0	Caliper (CAL)	20	From IMQF to IDQF	0.2	(OHMM)	2000
0	HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)	100	IM_QUAL From SFQF to IMQF	0.2	Medium Induction Phasor-processed Resistivity (IMPH) (OHMM)	2000
			SFL_QUAL From D3T to SFQF	0.2	SFL Unaveraged (SFLU) (OHMM)	2000
						Tension (TENS)
						10000 (LBF) 1000

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DIT-E: Dual Induction - E		
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	3.000 degC
DGF2	Deep 20 kHz Gain Factor	1.008
DPH2	Deep 20 kHz Phase Shift	-0.152 deg
DRE2	Deep Real 20 kHz Sonde Error Correction	16.357 mS/m
DSR2	Deep Sigma Reference (20 kHz)	1843.0 mS/m
DXE2	Deep Quad 20 kHz Sonde Error Correction	64.633 mS/m
GCSE	Generalized Caliper Selection	CALI
GDEV	Average Angular Deviation of Borehole from Normal	0.000 deg
GGRD	Geothermal Gradient	0.018 degC/m
GTSE	Generalized Temperature Selection	TEMP
IFRS	DIT-E Induction Frequency Selector	20
IPHA	DIT-E Phasor Processing Mode	ALL
IPRO	DIT-E Induction Processing Selector	PHAS
ITEN	DIT-E Temperature Enable	ENAB
MGF2	Medium 20 kHz Gain Factor	1.030
MPH2	Medium 20 kHz Phase Shift	-0.933 deg
MRE2	Medium Real 20 kHz Sonde Error Correction	-1.786 mS/m
MSR2	Medium Sigma Reference (20 kHz)	3250.0 mS/m
MXE2	Medium Quad 20 kHz Sonde Error Correction	-34.204 mS/m
SFCR	SFL Channel Ratio	1000.0
SHT	Surface Hole Temperature	20.000 degC
APS-BA: Accelerator-Porosity Tool		
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	3.000 degC
GCSE	Generalized Caliper Selection	CALI
GDEV	Average Angular Deviation of Borehole from Normal	0.000 deg
GGRD	Geothermal Gradient	0.018 degC/m
GTSE	Generalized Temperature Selection	TEMP
SHT	Surface Hole Temperature	20.000 degC
HNGS-BA: Hostile Natural Gamma Ray Sonde		
BAR1	HNGS Detector 1 Barite Constant	1.000
BAR2	HNGS Detector 2 Barite Constant	1.000
BHK	HNGS Borehole Potassium Correction Concentration	0.000
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	3.000 degC
CSD1	Inner Casing Outer Diameter	0.000 in
CSD2	Outer Casing Outer Diameter	0.000 in
CSW1	Inner Casing Weight	0.000 lbm/ft
CSW2	Outer Casing Weight	0.000 lbm/ft
DBCC	HNGS Barite Constant Correction Flag	NONE
GCSE	Generalized Caliper Selection	CALI
GDEV	Average Angular Deviation of Borehole from Normal	0.000 deg
GGRD	Geothermal Gradient	0.018 degC/m
GTSE	Generalized Temperature Selection	TEMP
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNGS Borehole Potassium Running Average	-0.024
HALF	HNGS Alpha Filter Length	60.000 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	1.300 1/s
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.300 1/s
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES

SHT	Surface Hole Temperature	20.000	degC
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.954	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	1.043	
System and Miscellaneous			
BS	Bit Size	9.875	in
DFD	Drilling Fluid Density	1.100	g/cm3
TD	Total Depth	4987.0	m

Format: DITE_LogPhasor Vertical Scale: 1:200 Graphics File Created: 26-Oct-2002 07:06

OP System Version: 10C0-306

MCM

DITE	10C0-306	HLDTA	10C0-306
DTAA	10C0-306	NPLC-BA	OP10-KP1
APS-BA	OP10-KP1	HNGS-BA	OP10-KP1
DTCH	10C0-306		

Input DLIS Files

DEFAULT	PI_LDL_APS_NGS_031PUP	FN:36	PRODUCER	08-Oct-2002 12:53	16140.0 FT	14108.0 FT
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Company: Lamont Doherty Earth Observatory



Well: ODP Leg 205, Site 1253A

Field: Costa Rica

Ocean: Pacific

Country: Costa Rica

Dual Induction Tool

Natural Gamma Ray