

**Company:** Lamont Doherty

**Well:** ODP Leg 207 Site 1261B

**Field:** Demarara Rise

**Country:** Venezuela **Ocean:** Atlantic

## Long Spaced Sonic Gamma Ray

Country: Venezuela		Elev.: K.B. 11.3 m	
Field: Demarara Rise		G.L. -1911 m	
Location: 9.04866 Deg North, 54.3175 Deg West		D.F. 11 m	
Well: ODP Leg 207 Site 1261B		Elev.: 0 m	
Company: Lamont Doherty		11.3 m above Perm. Datum	
<b>LOCATION</b>			
Permanent Datum: MSL			
Log Measured From: DES			
Drilling Measured From: DES			
API Serial No.	Max. Hole Devi.	Longitude	Latitude

Logging Date	21-Feb-2003		
Run Number	1		
Depth Driller	2585 m		
Schlumberger Depth	2564 m		
Bottom Log Interval	2551 m		
Top Log Interval	1901 m		
Casing Driller Size @ Depth	0.000 in @ 2013 m		
Casing Schlumberger	2010 m		
Bit Size	9.875 in		
Type Fluid In Hole	Sepolite Salt Water		
Density	1.1 g/cm3		
Fluid Loss	PH		
Source Of Sample	Mudpit		
RM @ Measured Temperature	0.258 ohm.m @ 32 degC		
RMF @ Measured Temperature	@ @		
RMC @ Measured Temperature	@ @		
Source RMF	RMC		
RM @ MRT	0.349 @ 18 @ 18		
Maximum Recorded Temperatures	18 degC		
Circulation Stopped	Time		
Logger On Bottom	21-Feb-2003 Time 20:15		
Unit Number	99 Location Houston, TX ODP		
Recorded By	K. Swain		
Witnessed By	B. Rea, F. Heidersdorf		

Logging Date	21-Feb-2003		
Run Number	1		
Depth Driller	2585 m		
Schlumberger Depth	2564 m		
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Top Log Interval	1901 m		
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RMF @ Measured Temperature	@ @		
RMC @ Measured Temperature	@ @		
Source RMF	RMC		
RM @ MRT	0.349 @ 18 @ 18		
Maximum Recorded Temperatures	18 degC		
Circulation Stopped	Time		
Logger On Bottom	21-Feb-2003 Time 20:15		
Unit Number	99 Location Houston, TX ODP		
Recorded By	K. Swain		
Witnessed By	B. Rea, F. Heidersdorf		

**DISCLAIMER**

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OTHER SERVICES1 OS1: DITE OS2: HLDS/APS/HNGS OS3: WST OS4: FMS OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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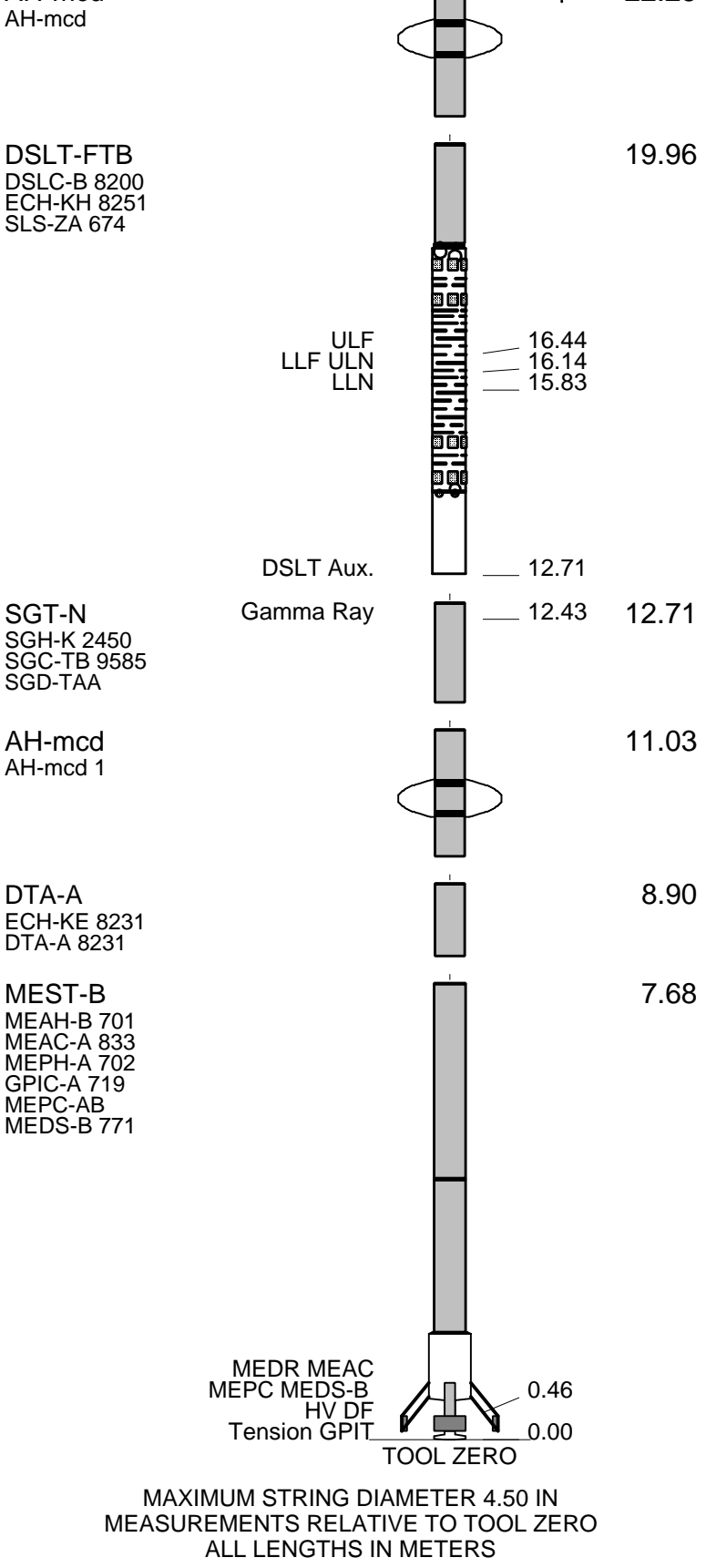
REMARKS: RUN NUMBER 1 Hole cored with RCB, 9 7/8" bit. Driller Sea Floor at:1911 mbrf. Log measured in meters below rig floor.	REMARKS: RUN NUMBER 2
Wireline heave compensator used on all runs. Sepiolite mud was used to displace the hole. Driller TD= 2585mbrf. Schlumberger TD= 2564 mbrf. Drill pipe Schlumberger= 2010mbrf. See Lamont TAP tool for bottom hole temperature.	

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	
<b>SURFACE EQUIPMENT</b>			
GSR-U/Y WITM (DTS)-A			

<b>DOWNHOLE EQUIPMENT</b>			
LEH-QT LEH-QT 1497		24.05	
DTC-H ECH-KC 9343 DTCH0-A 8261	CTEM TelStatus ToolStatu 	22.88 22.25	23.16
AH-mcd		22.25	



### Output DLIS Files

DEFAULT	FMS_SONIC_018LUP	FN:28	PRODUCER	22-Feb-2003 10:30		
REDUCE	FMS_SONIC_018LUP	FN:29	PRODUCER	22-Feb-2003 10:30	2564.9 M	1891.3 M

### OP System Version: 10C0-306

MCM

MEST-B	10C0-306	DTA-A	10C0-306
SGT-N	10C0-306	DSL-FTB	OP10-KP1
DTC-H	10C0-306		

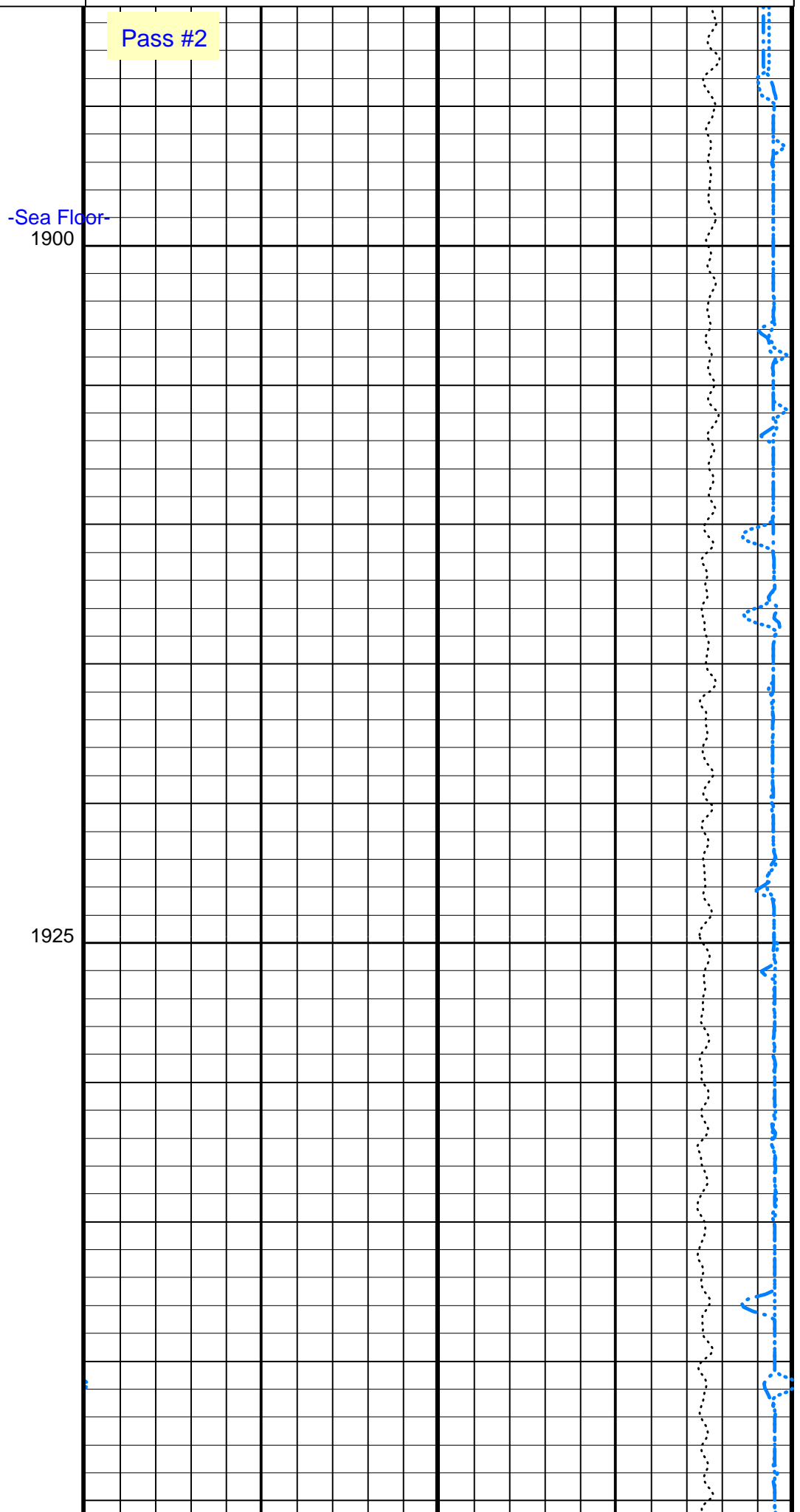
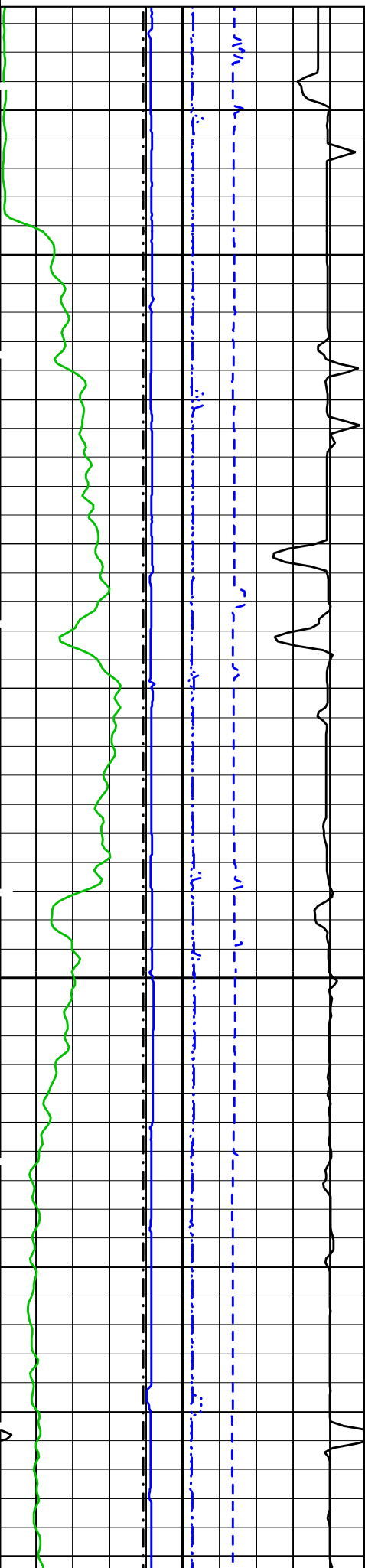
### Changed Parameter Summary

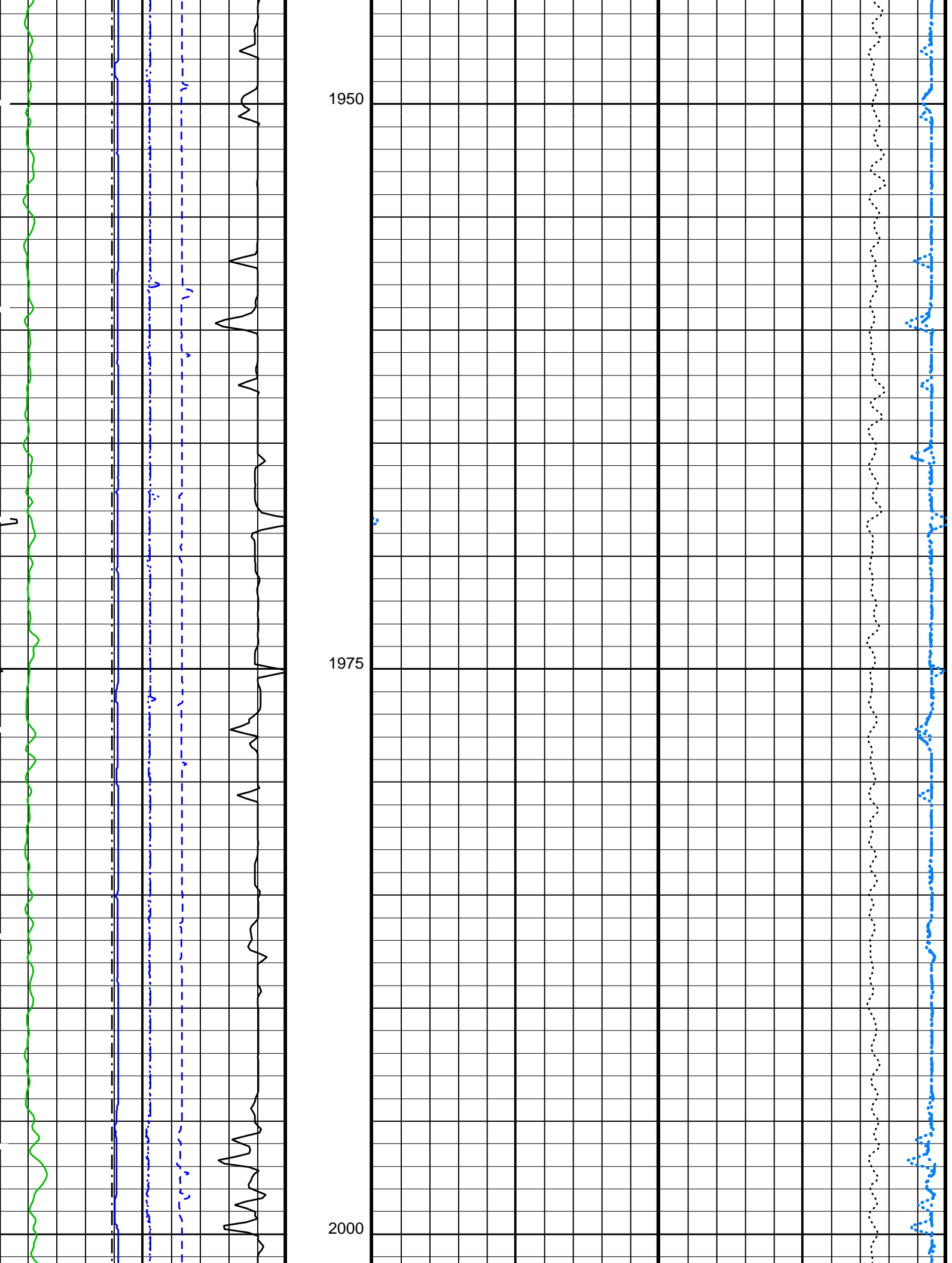
DLIS Name	New Value	Previous Value	Depth & Time
MNHTR	890	57	2031.8 11:34:17
SGDT	48 US/F	200 US/F	2028.8 11:34:37
	26 US/F	48 US/F	2028.6 11:34:38

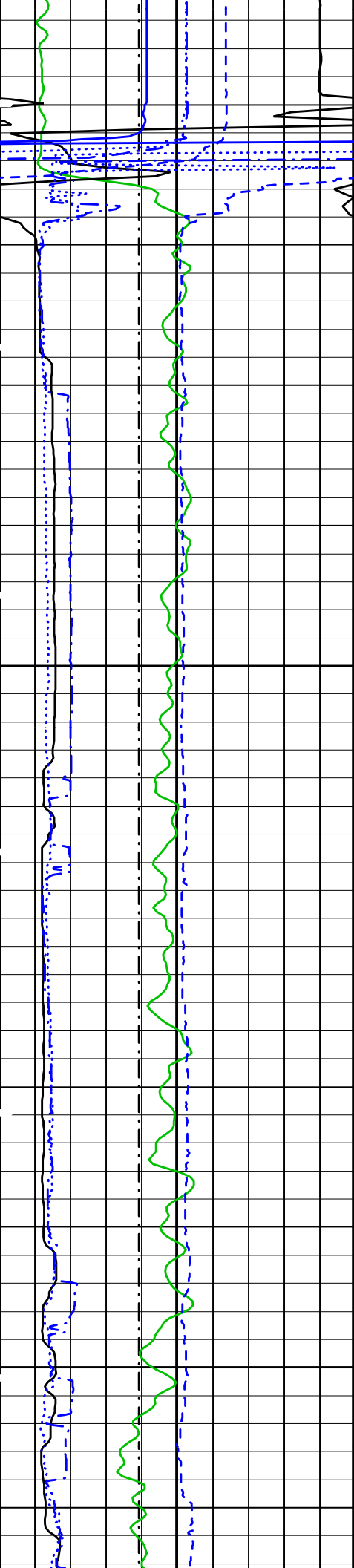
### PIP SUMMARY

▶ Time Mark Every 60 S

Transit Time 4 (TT4)		Tension (TENS)	
1200	(US) 200	10000	(LBF) 0
Transit Time 3 (TT3)		Delta-T Long Spacing Far (DTLF)	
1200	(US) 200	250	(US/F) 50
Transit Time 2 (TT2)		Delta-T Long Spacing Near (DTLN)	
1200	(US) 200		
Transit Time 1 (TT1)			
1200	(US) 200		
Sonic Velocity (SVEL)			
1000	(M/S) 6000		
Gamma Ray (GR)			
0	(GAPI) 150		
Bit Size (BS)			



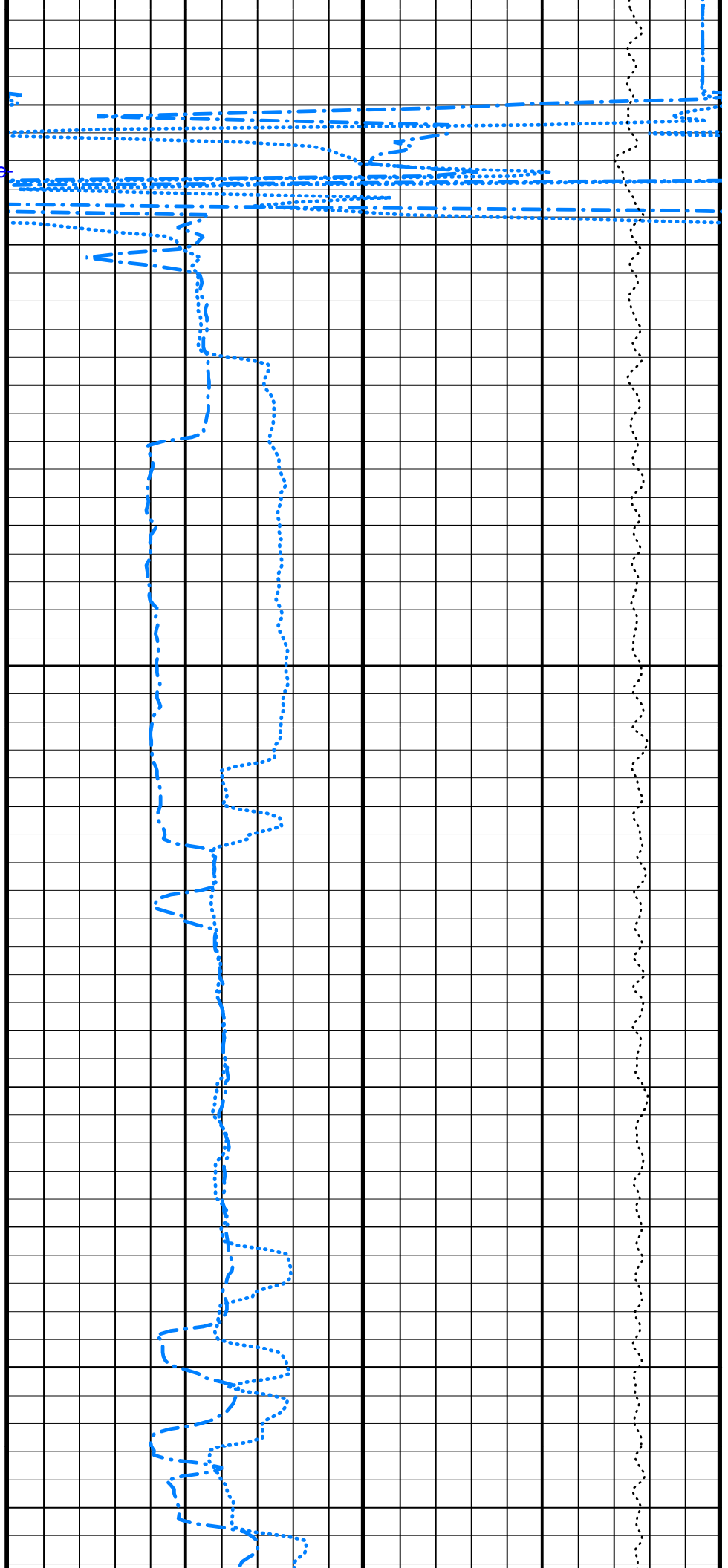


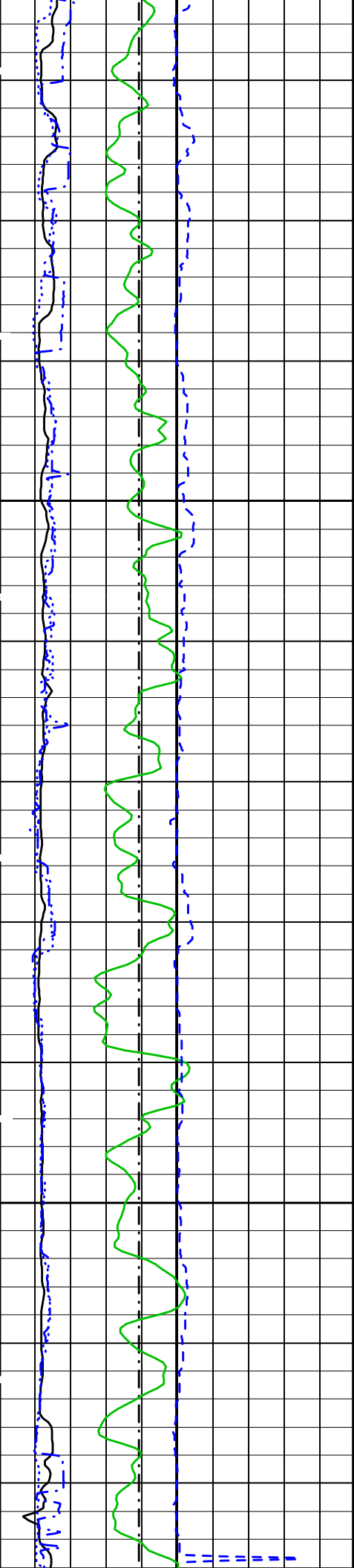


-Drill Pipe-

2025

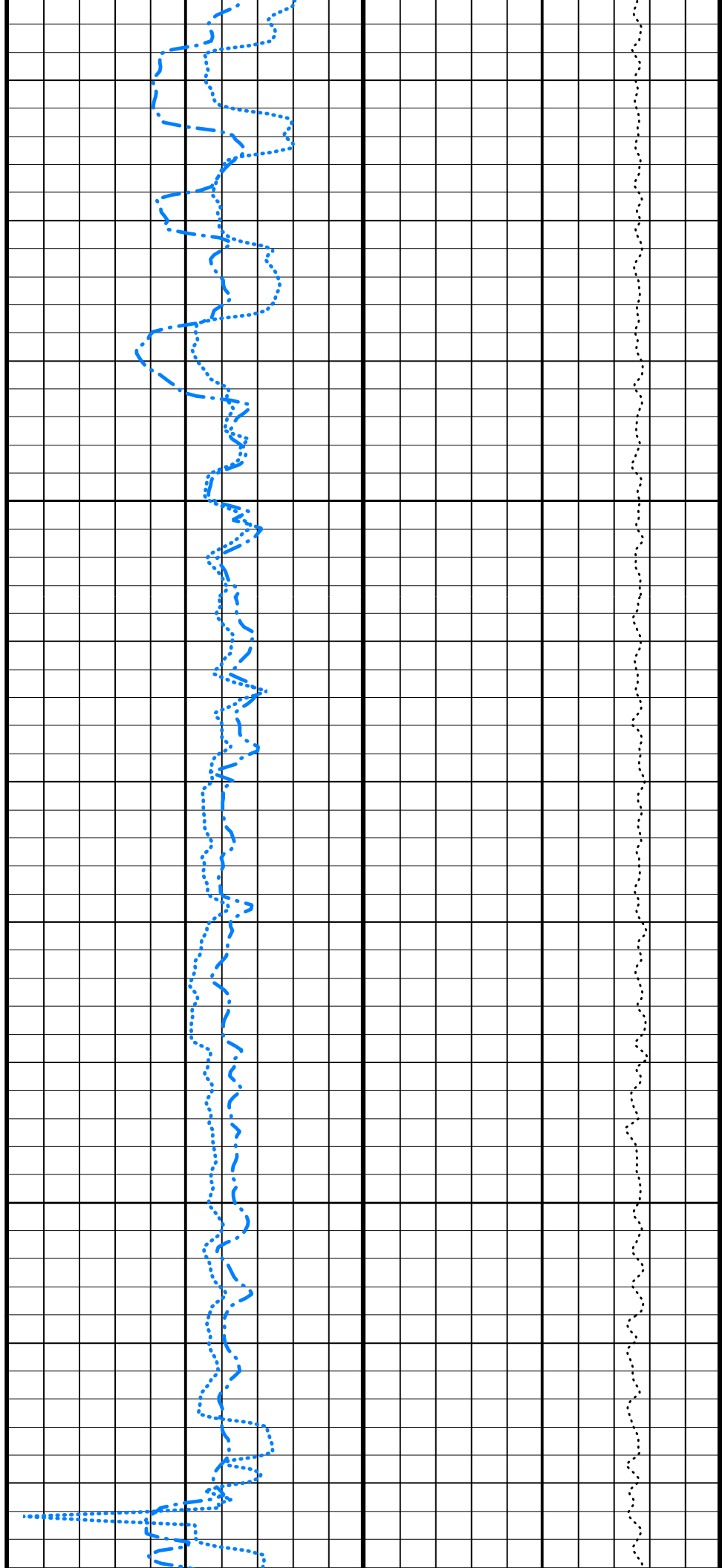
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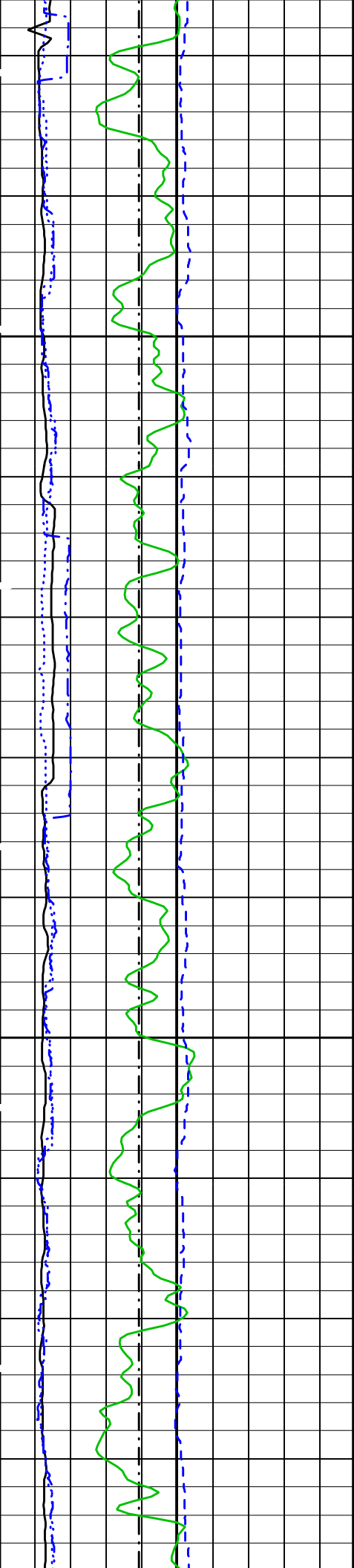


2075

2100

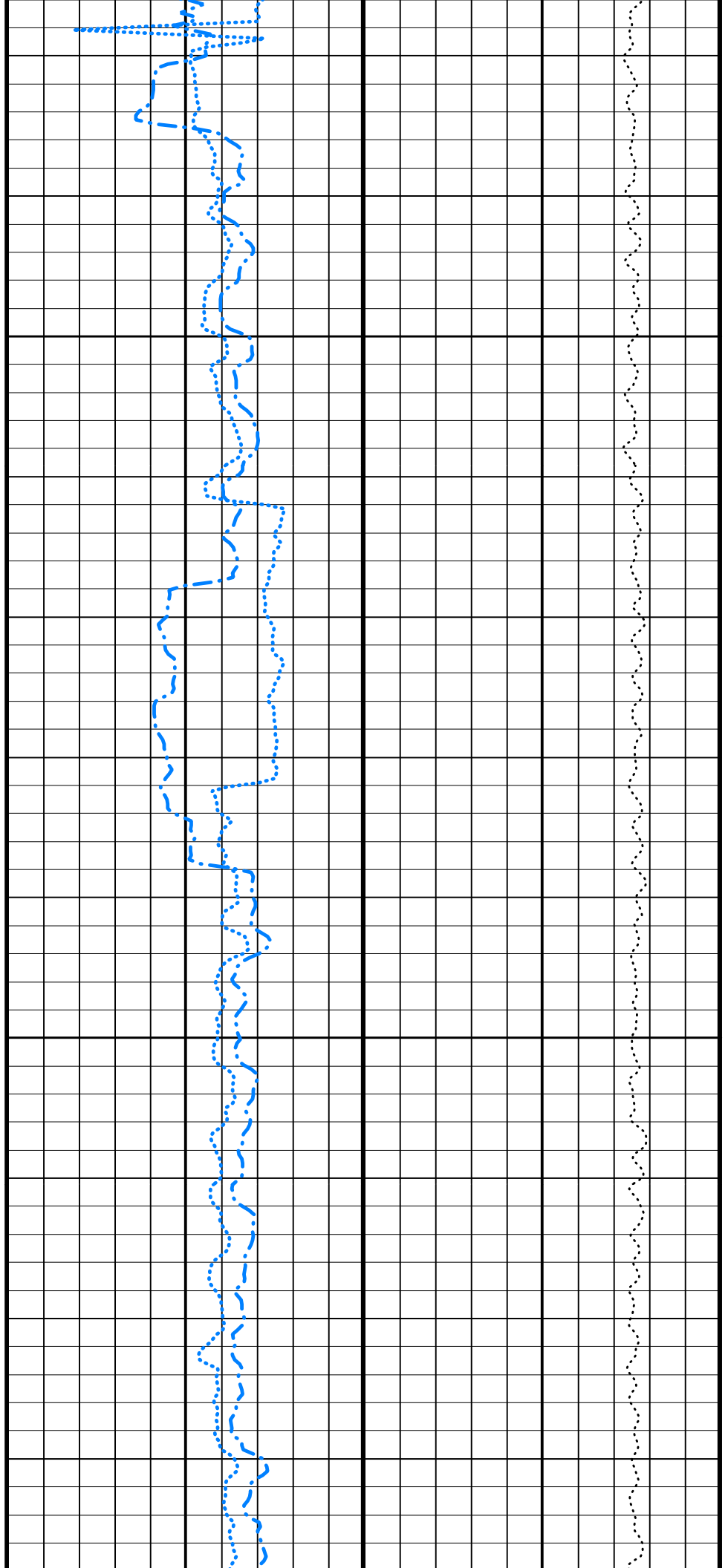


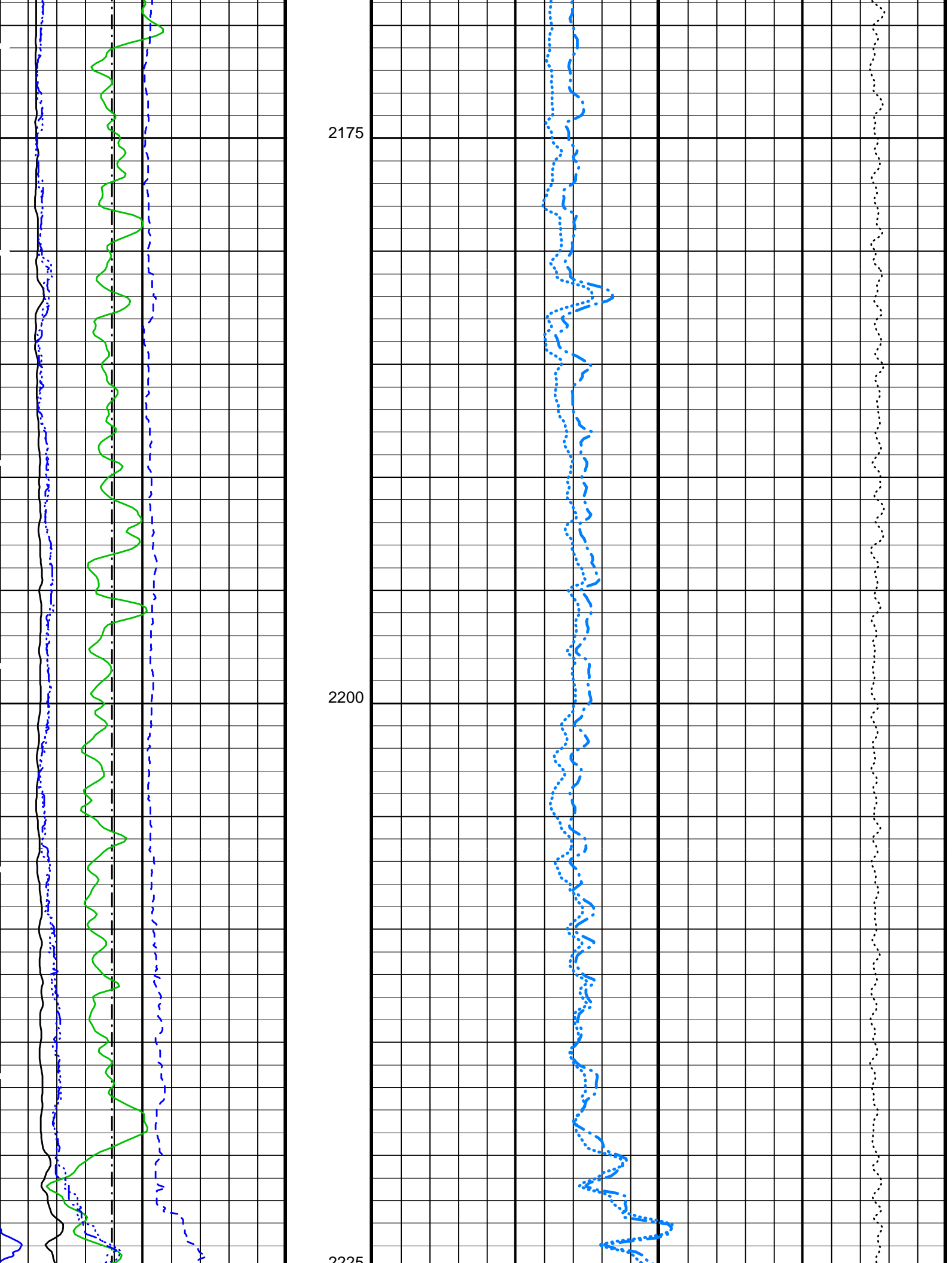


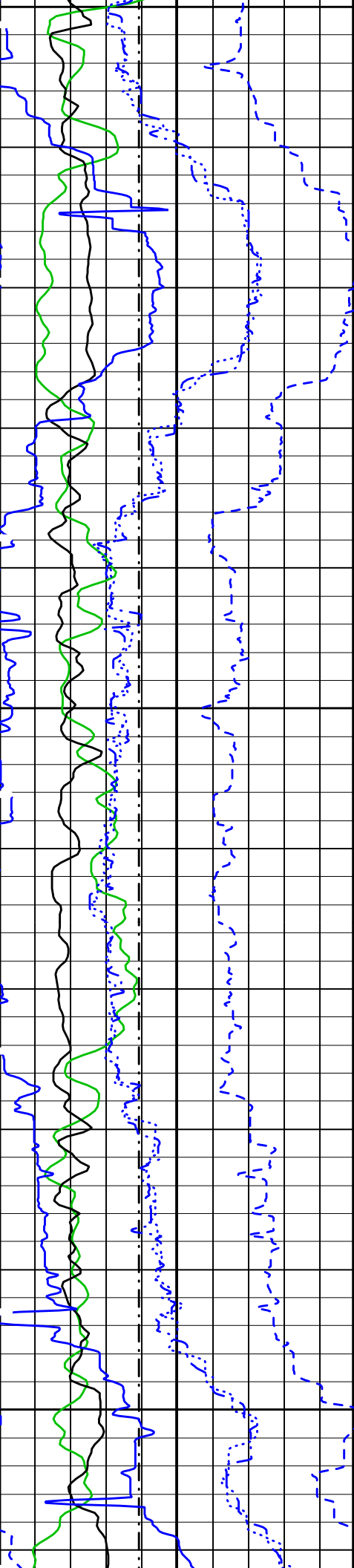


2125

2150



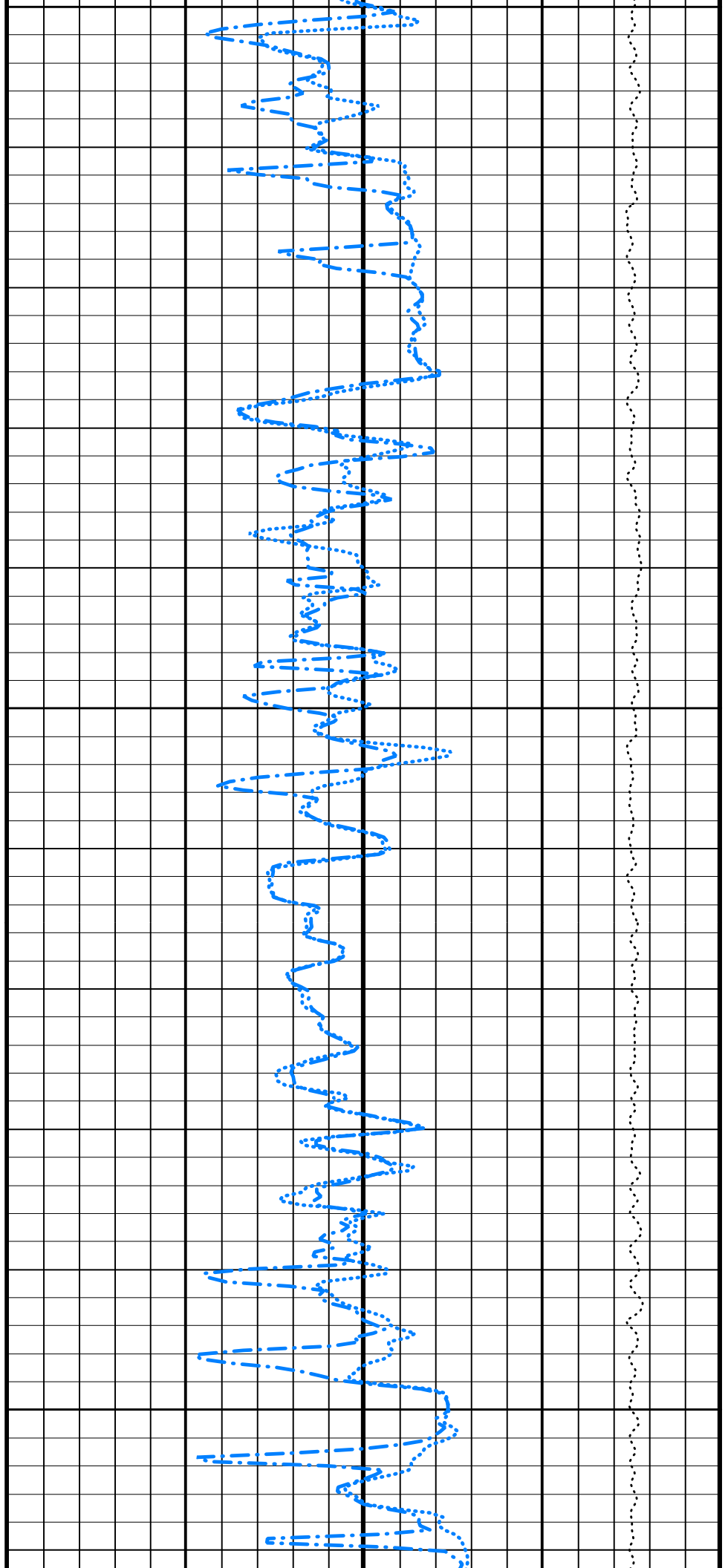


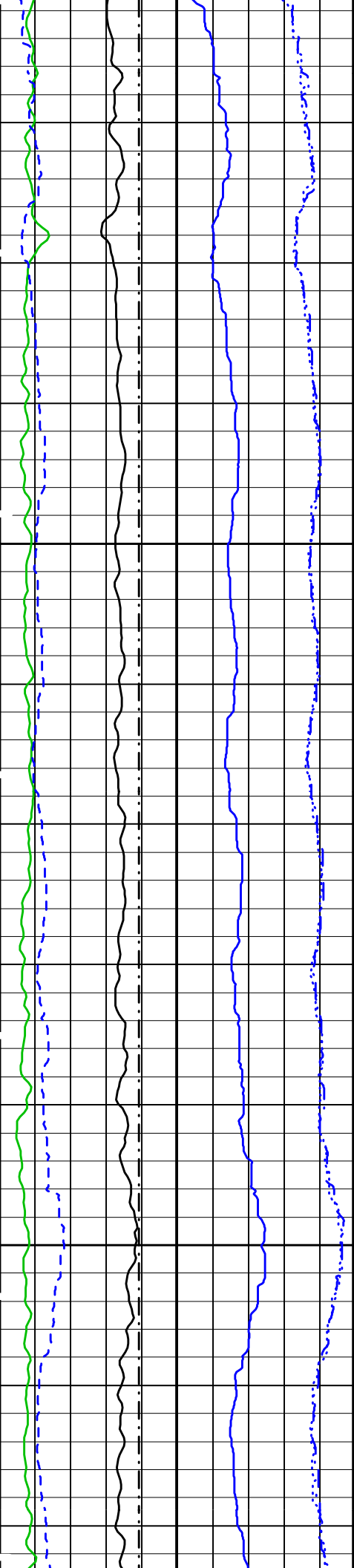


2225

2250

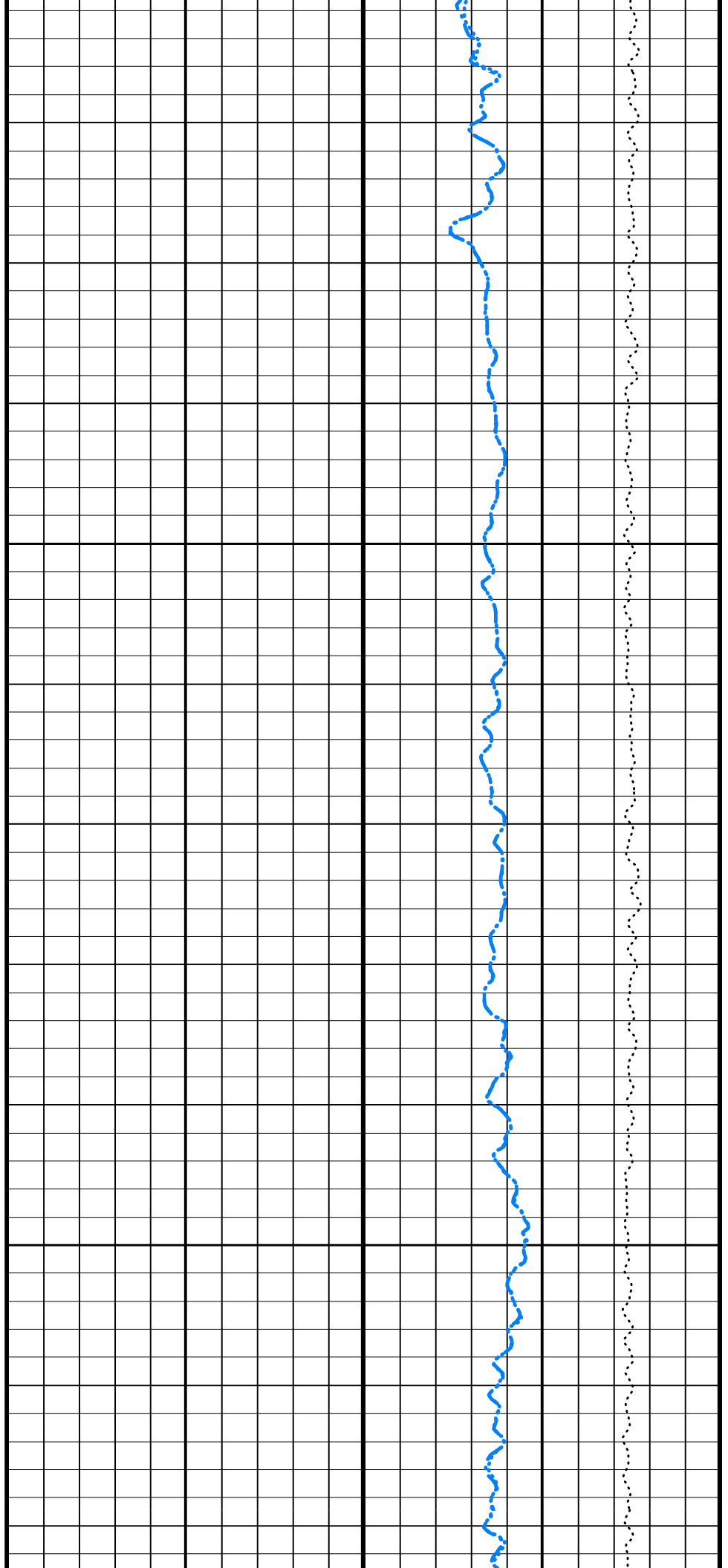
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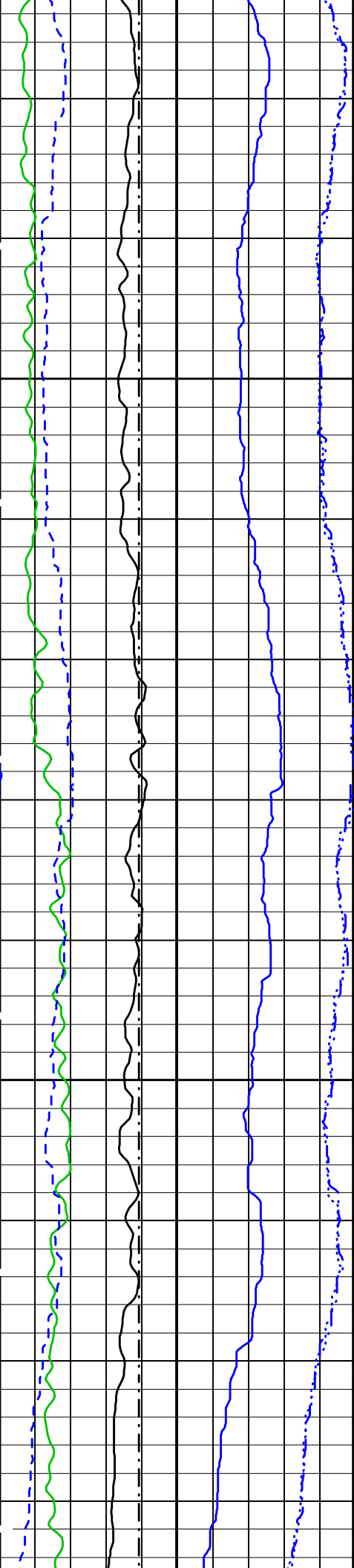




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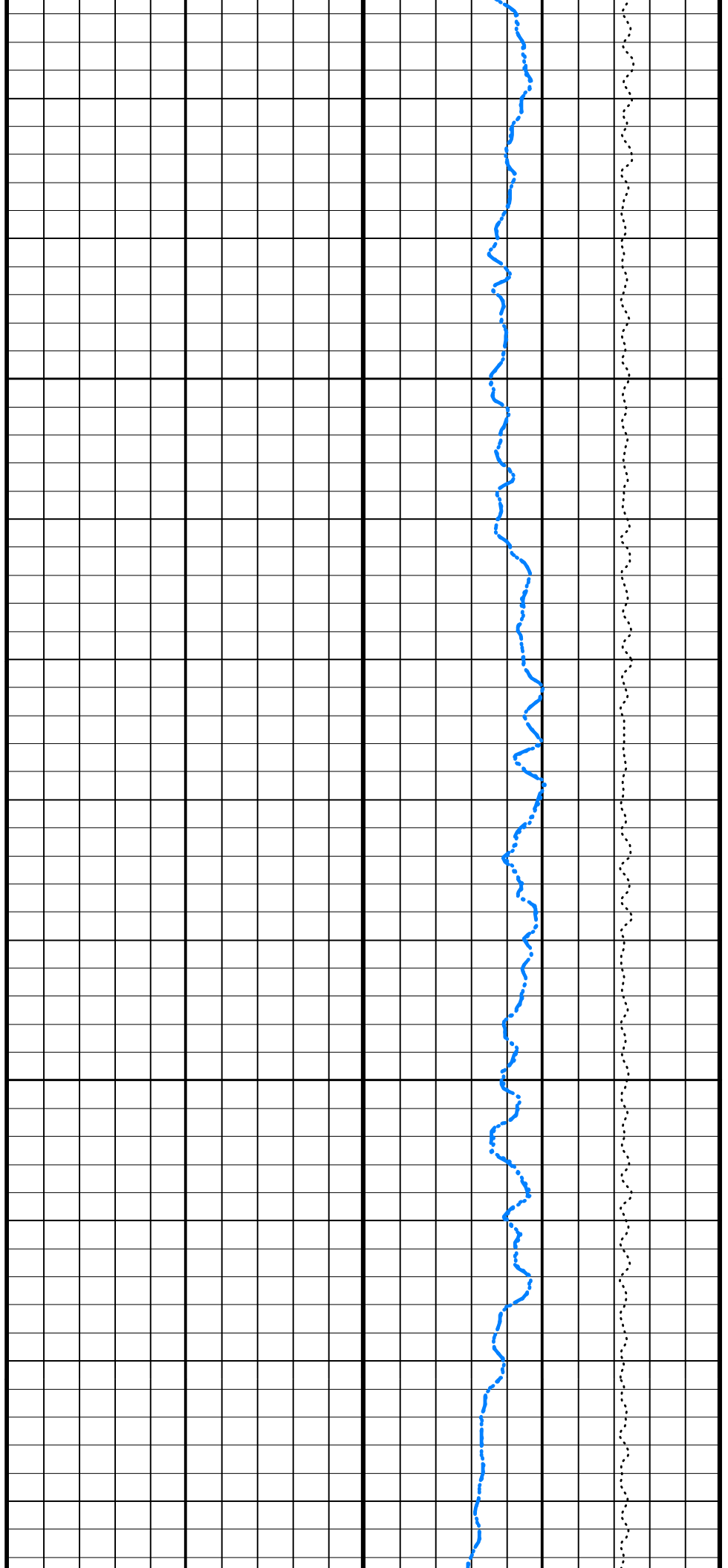
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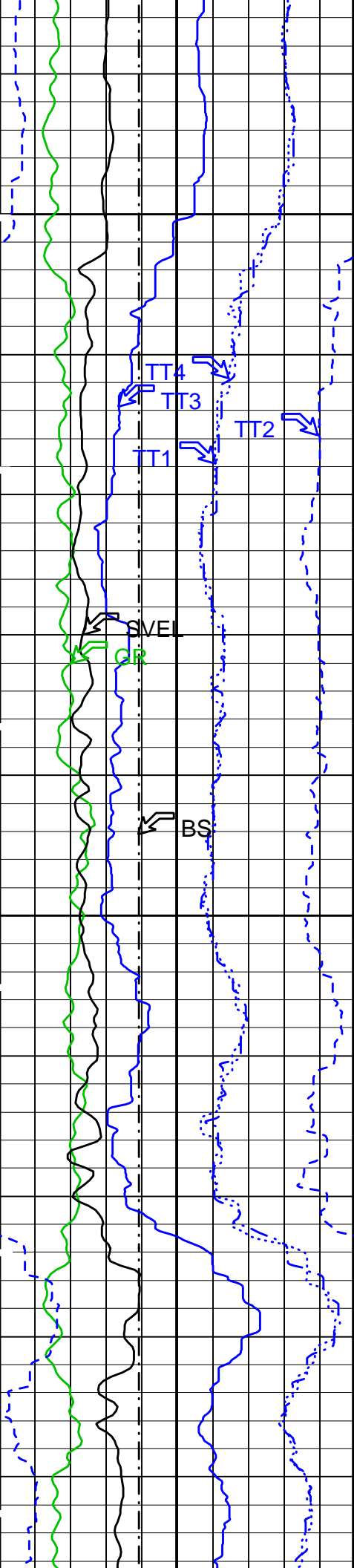




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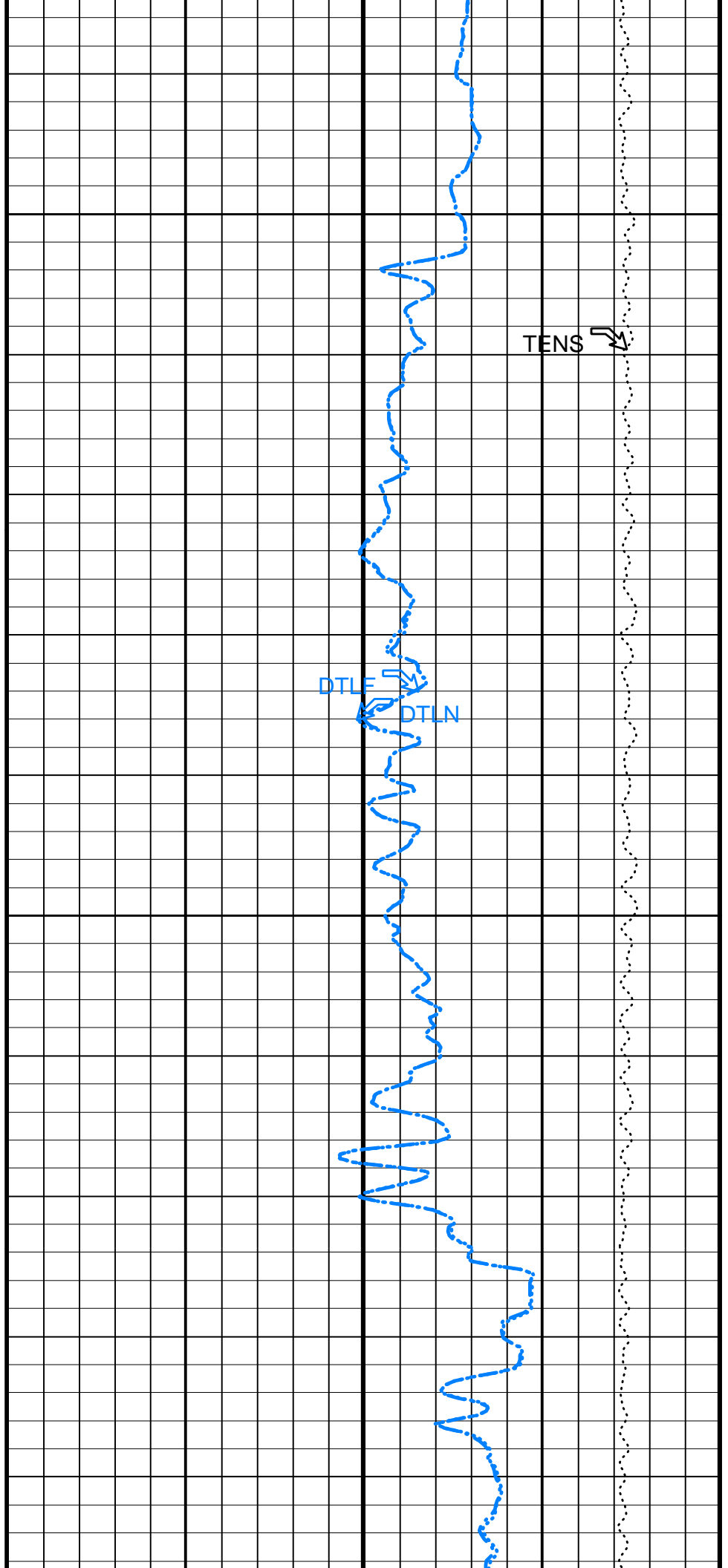
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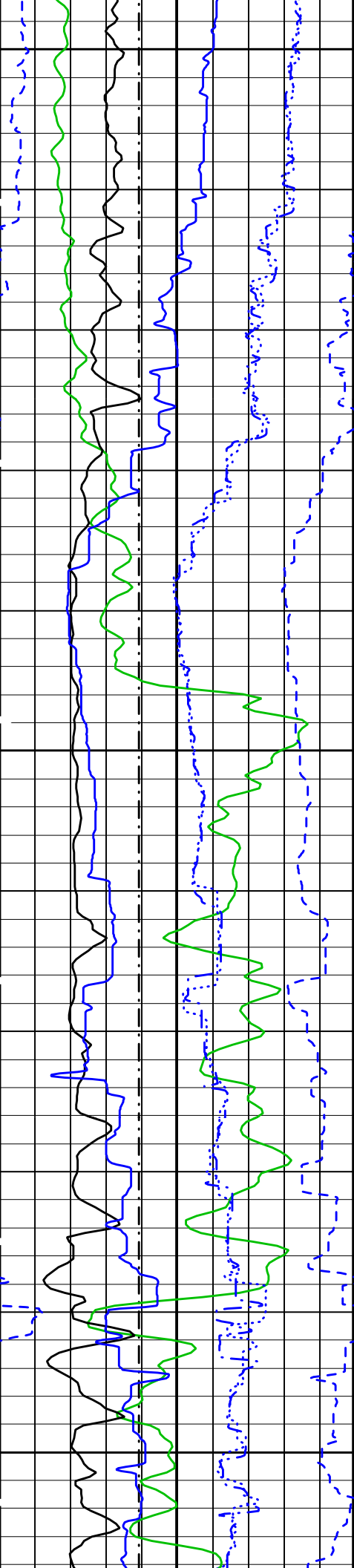




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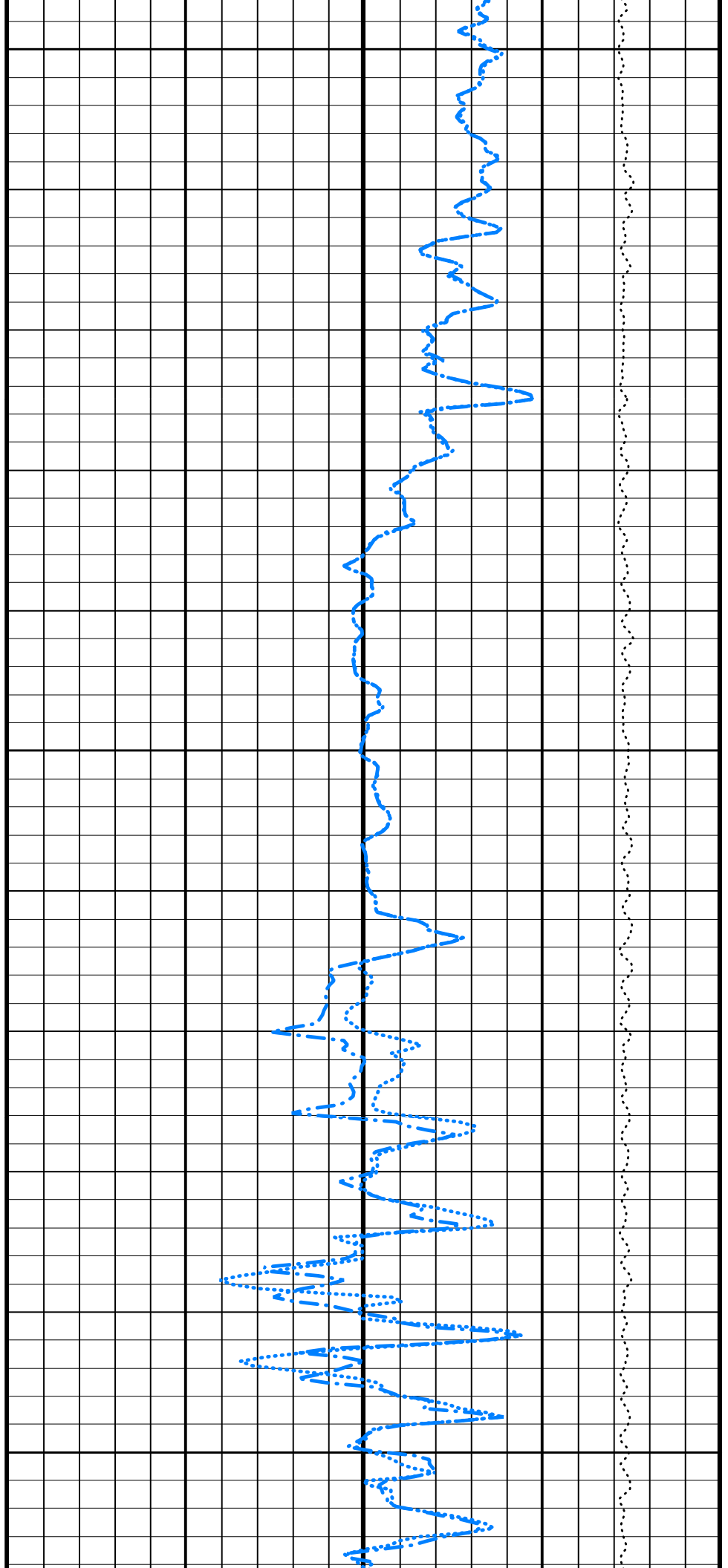


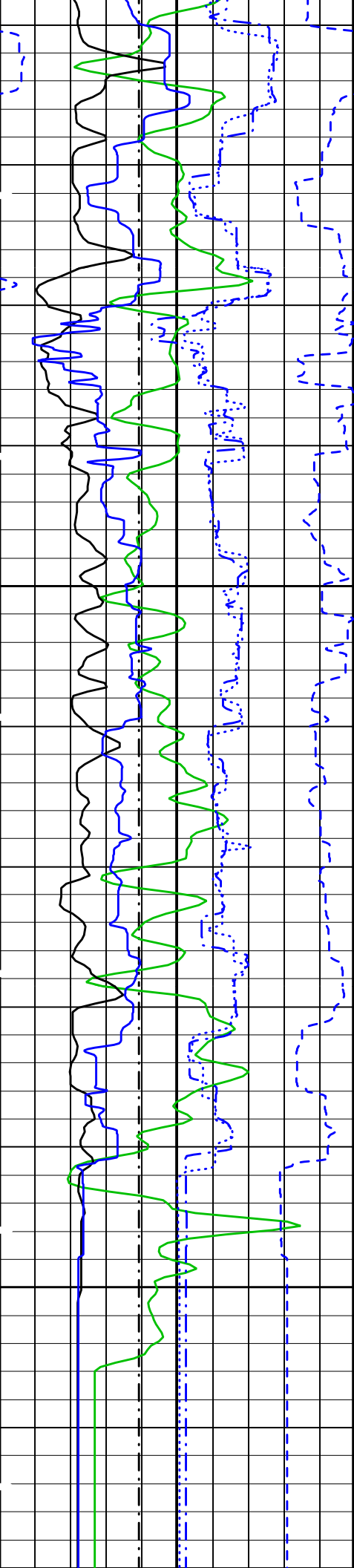


2450

2475

2500



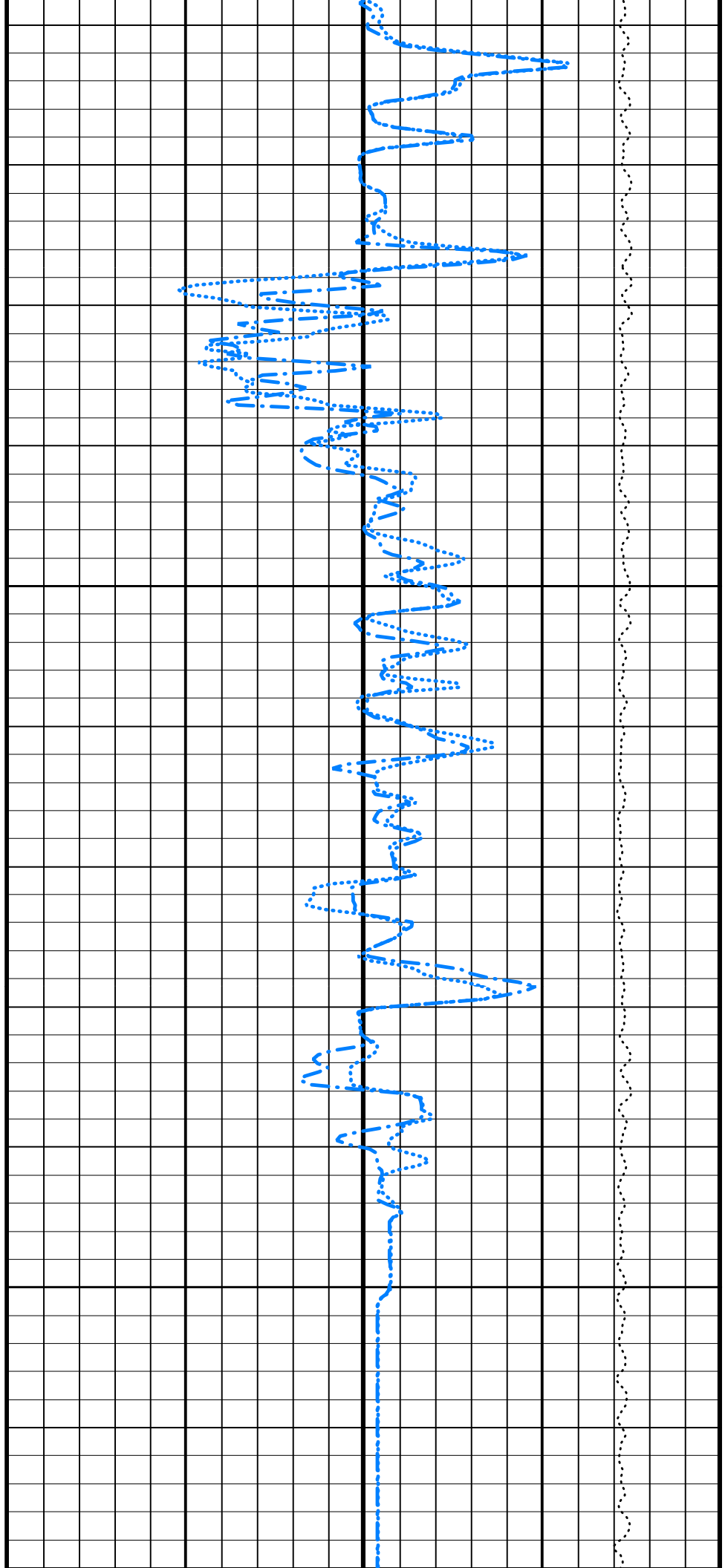


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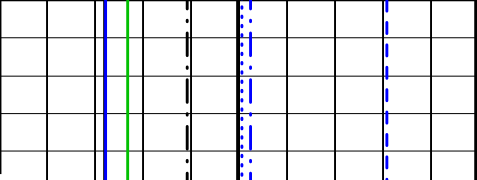
FR LSS-

2550

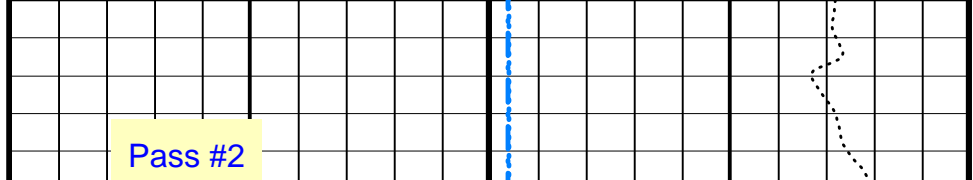
-FR GR







-TD-



Bit Size (BS) (IN)	6	16
Gamma Ray (GR) (GAPI)	0	150
Sonic Velocity (SVEL) (M/S)	1000	6000
Transit Time 1 (TT1) (US)	1200	200
Transit Time 2 (TT2) (US)	1200	200
Transit Time 3 (TT3) (US)	1200	200
Transit Time 4 (TT4) (US)	1200	200

Delta-T Long Spacing Near (DTLN) (US/F)	250	50
Delta-T Long Spacing Far (DTLF) (US/F)	250	50
Tension (TENS) (LBF)	10000	0

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSLTLT-FTB	Digitizing Sonic Logging Tool	LDDB
	DSLTLT Firing Mode	DSLTLT_FTB
	Telemetry Mode	0 US
DDEL	Digitizing Delay	DFAD2
DFAD_TYPE	DFAD type	20
DIVL	DSLTLT Depth Sampling Interval	250
DRCS	DSLTLT DLIS Recording Size	10
DSIN	Digitizing Sample Interval	536
DTFS	DSLTLT Telemetry Frame Size	250
DWCO	Digitizing Word Count	40
GAI	Manual Gain	40
MAHTR	Manual High Threshold Reference	60
MGAI	Maximum Gain	57
MNHTR	Minimum High Threshold Reference	399 US
NMSG	Near Minimum Sliding Gate	2291 US
NMXG	Near Maximum Sliding Gate	R15
RATE	Firing Rate	16 DB/M
SFAF	Sonic Formation Attenuation Factor	200 US/F
SGCL	Sliding Gate Closing Delta-T	200 US/F
SGDT	Sliding Gate Delta-T	140 US
SGW	Sliding Gate Width	400
SLEV	Signal Level for AGC	OFF
WAGC	Waveform AGC Allow/Disallow	FULL
WMOD	Waveform Firing Mode	
	System and Miscellaneous	
BS	Bit Size	9.875 IN

Format: SONI Vertical Scale: 1:200

Graphics File Created: 22-Feb-2003 10:31

OP System Version: 10C0-306  
MCM

MEST-B	10C0-306	DTA-A	10C0-306
SGT-N	10C0-306	DSLTLT-FTB	OP10-KP1
DTC-H	10C0-306		

Output DLIS Files

DEFAULT	FMS_SONIC_018LUP	FN:28	PRODUCER	22-Feb-2003 10:30
REDUCE	FMS_SONIC_018LUP	FN:29	PRODUCER	22-Feb-2003 10:30

# Output DLIS Files

DEFAULT	FMS_SONIC_016LUP	FN:24	PRODUCER	22-Feb-2003 08:28	
REDUCE	FMS_SONIC_016LUP	FN:25	PRODUCER	22-Feb-2003 08:28	2566.0 M      1935.7 M

## OP System Version: 10C0-306

MCM

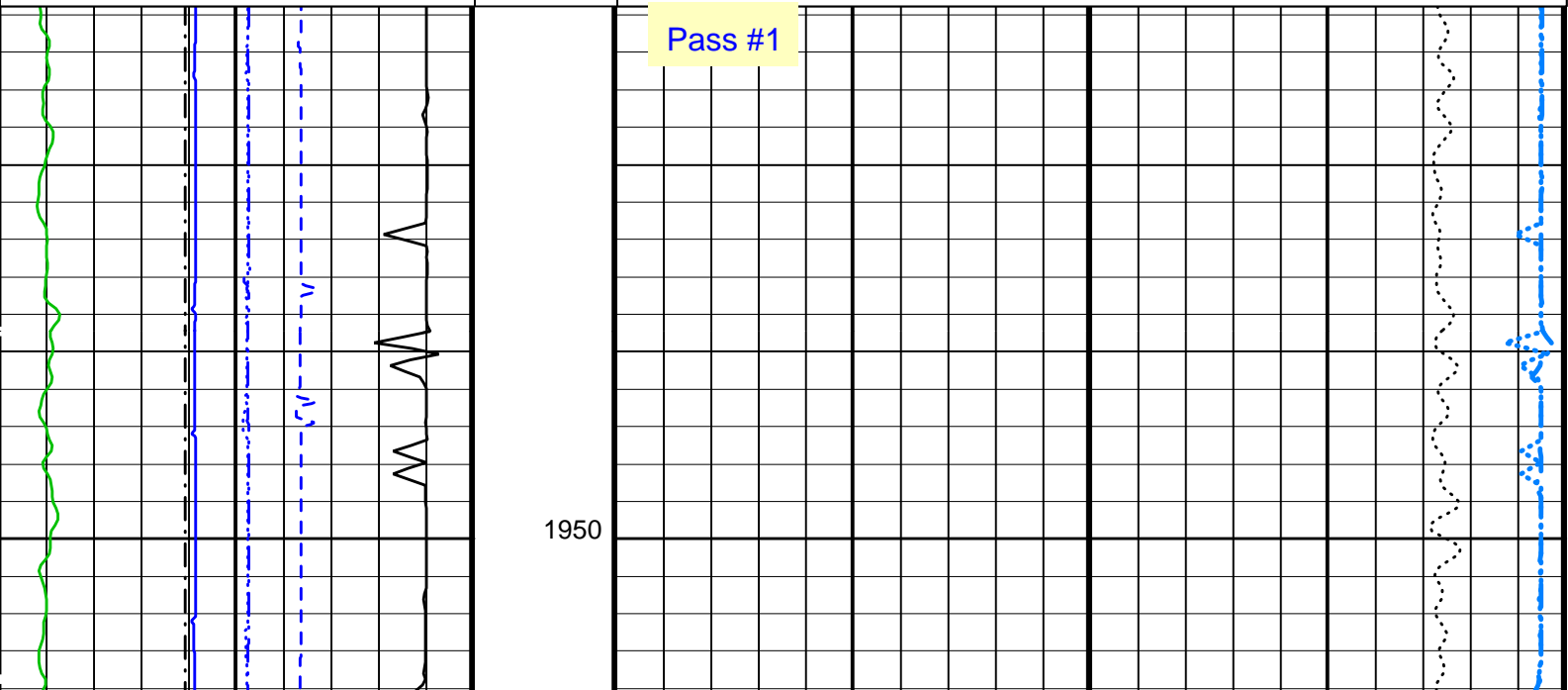
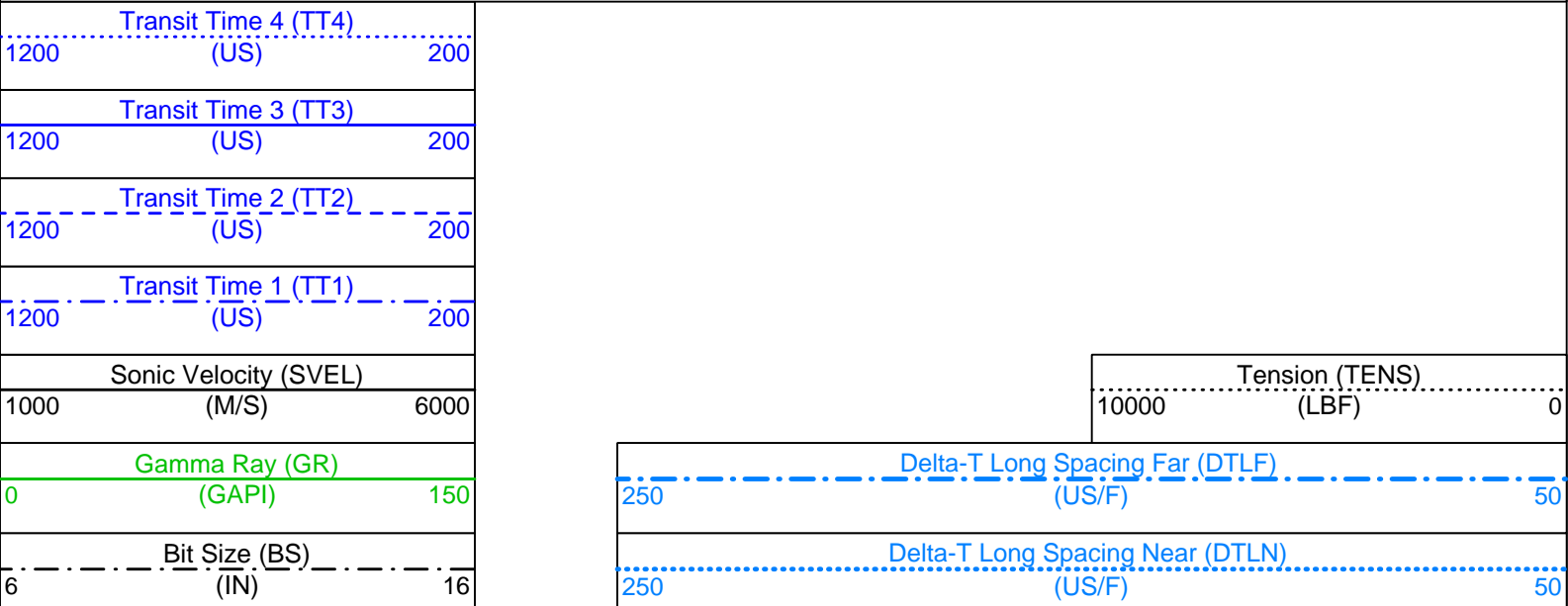
MEST-B	10C0-306	DTA-A	10C0-306
SGT-N	10C0-306	DSL1-FTB	OP10-KP1
DTC-H	10C0-306		

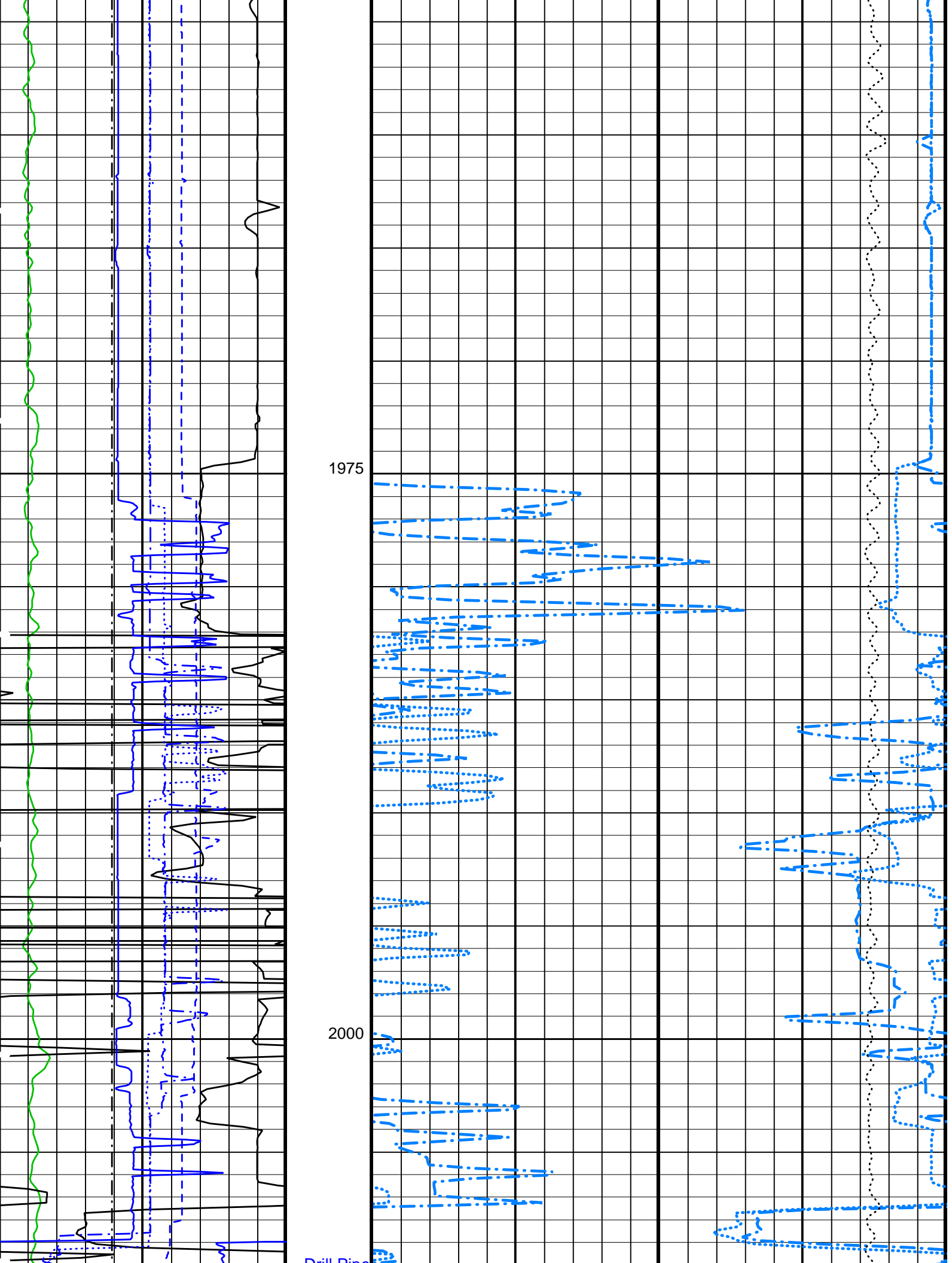
## Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
MNHTR	1103	30	1992.4 09:40:12
NMSG	399 US	590 US	2024.3 09:36:44
NMXG	2291 US	2190 US	2124.4 09:25:52
SGDT	200 US/F	80 US/F	2126.5 09:25:38
	200 US/F	200 US/F	2126.0 09:25:41
	20 US/F	200 US/F	2025.2 09:36:38
	0 US/F	20 US/F	2024.8 09:36:41

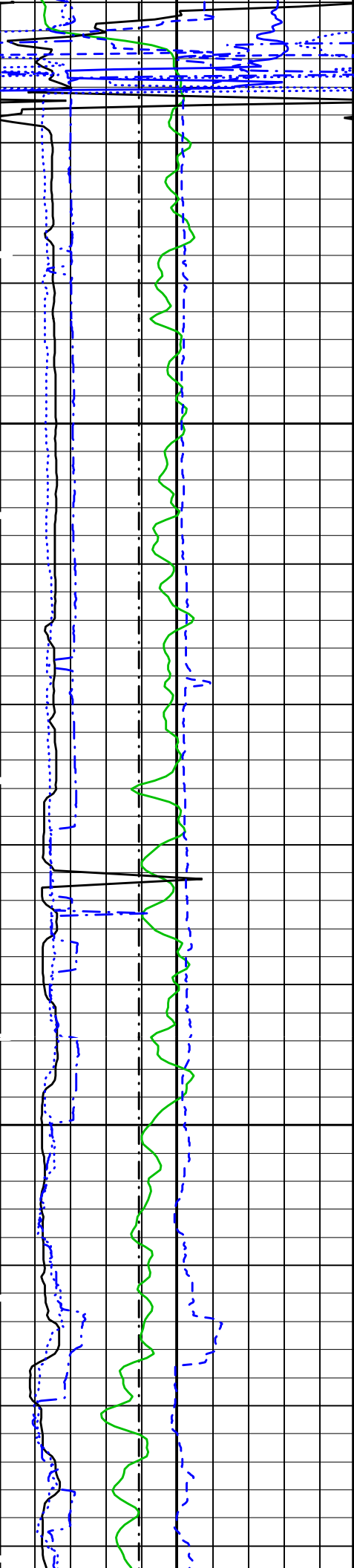
### PIP SUMMARY

Time Mark Every 60 S



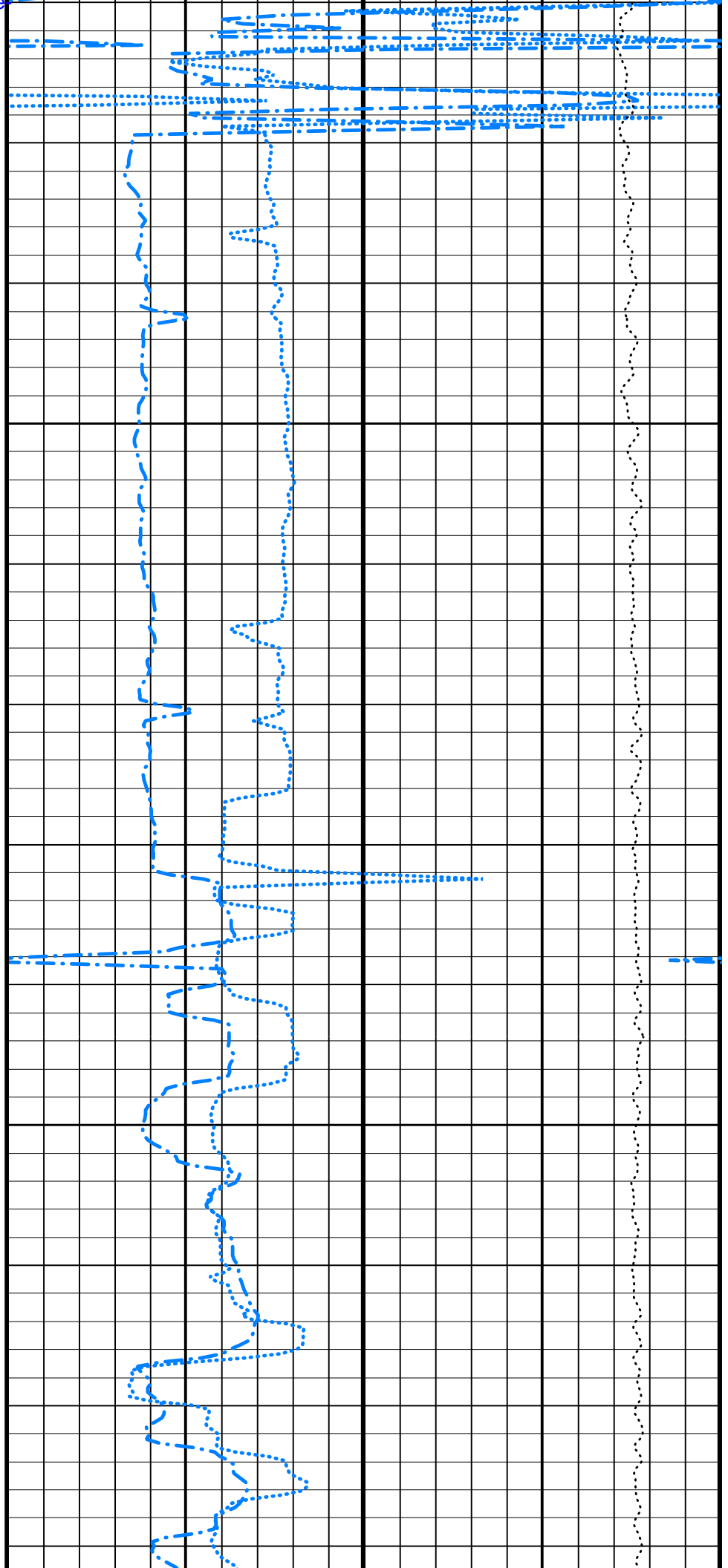


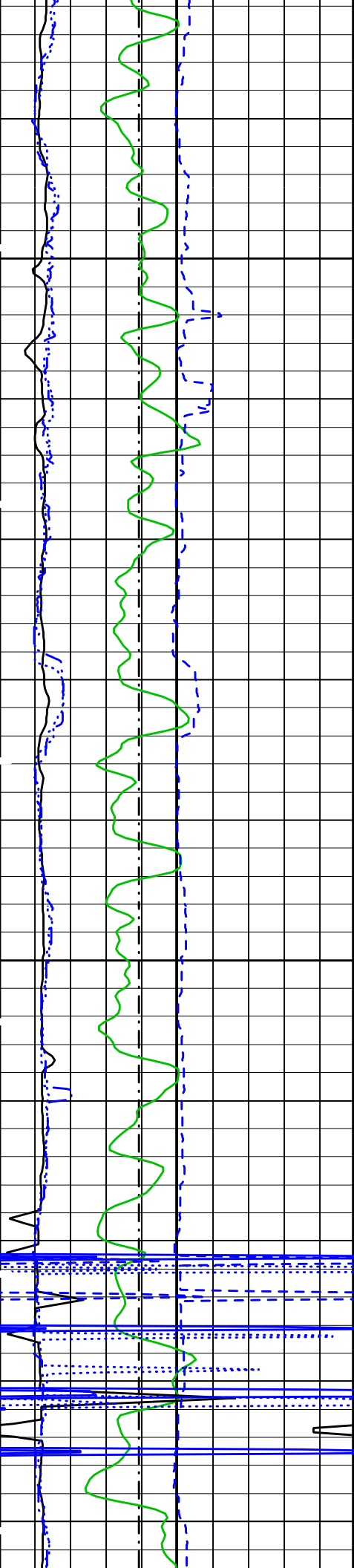
-Dmir Pipe



2025

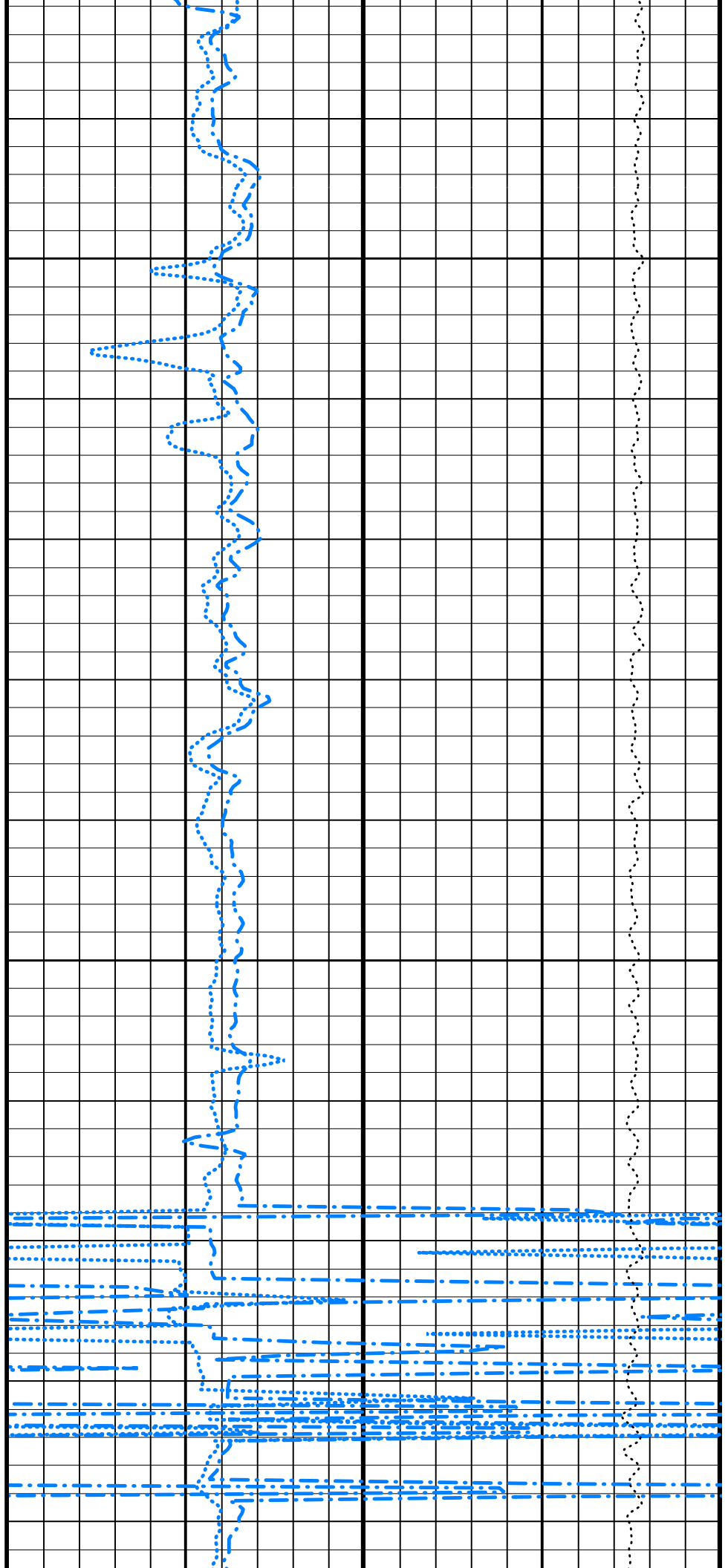
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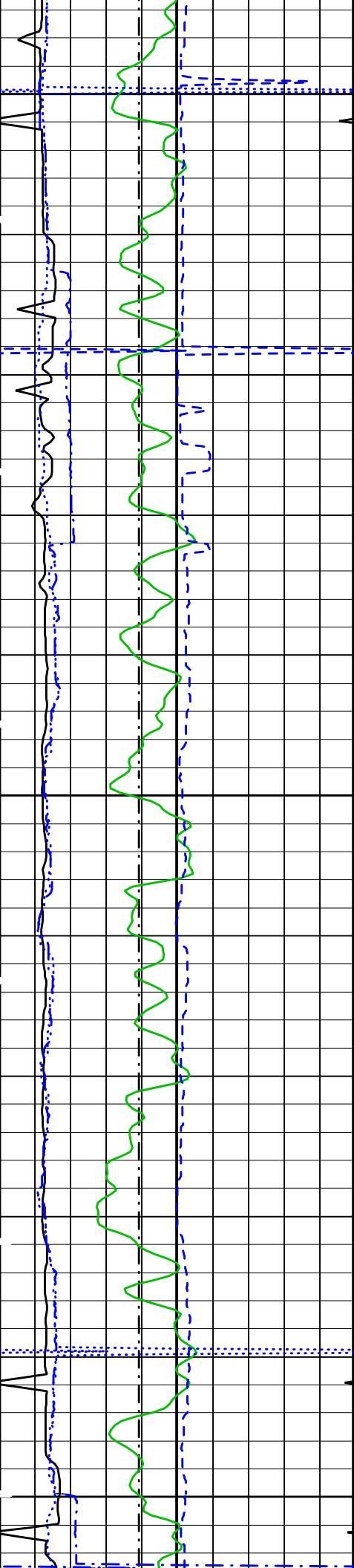




2075

2100

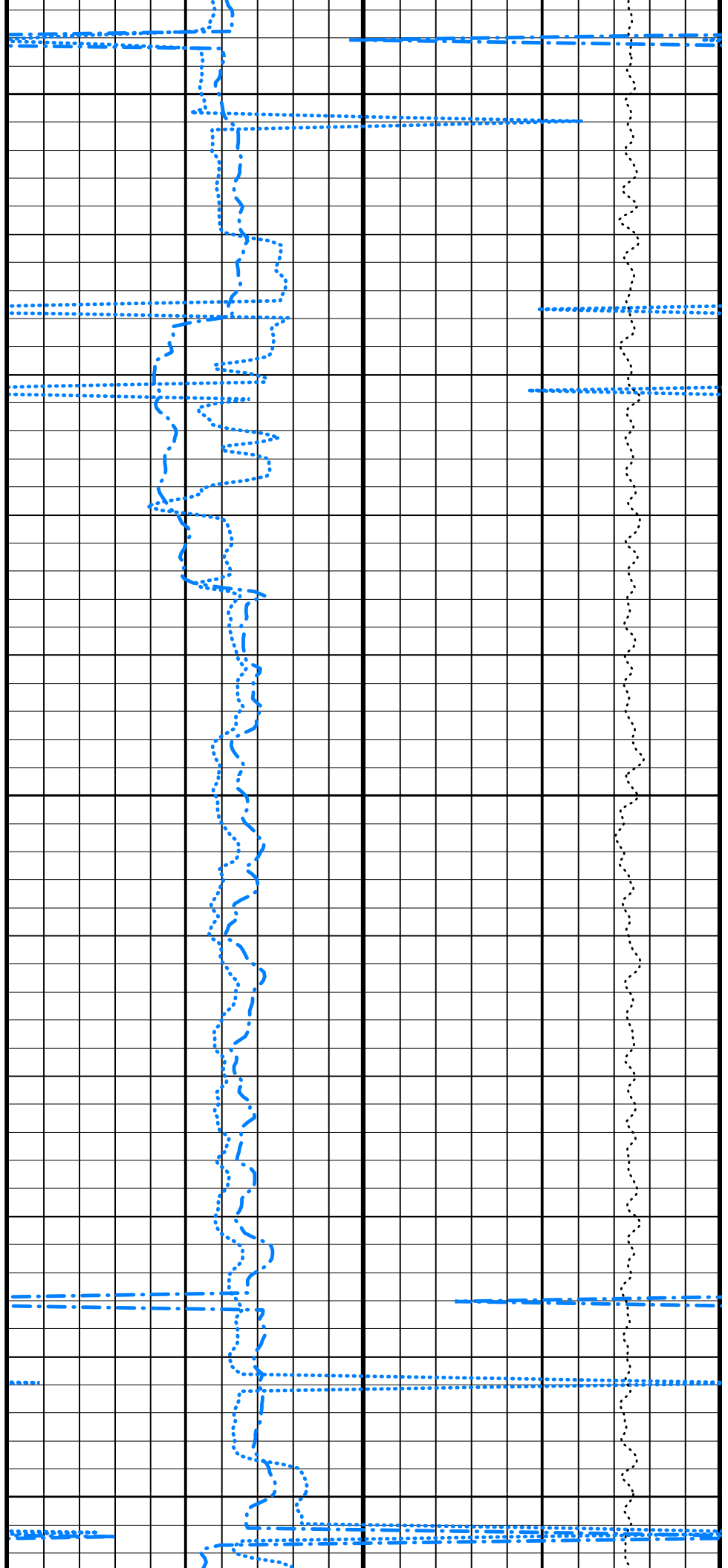


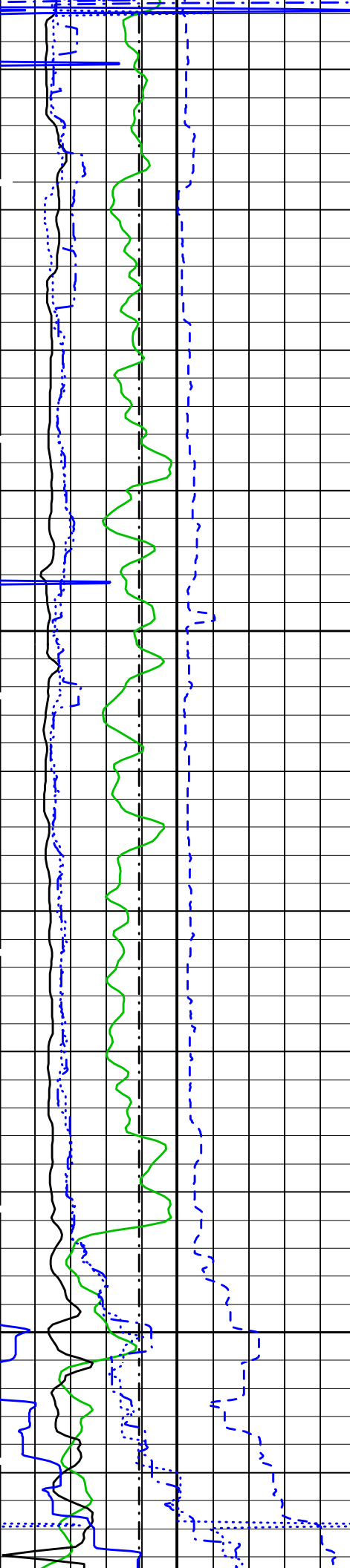


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2150

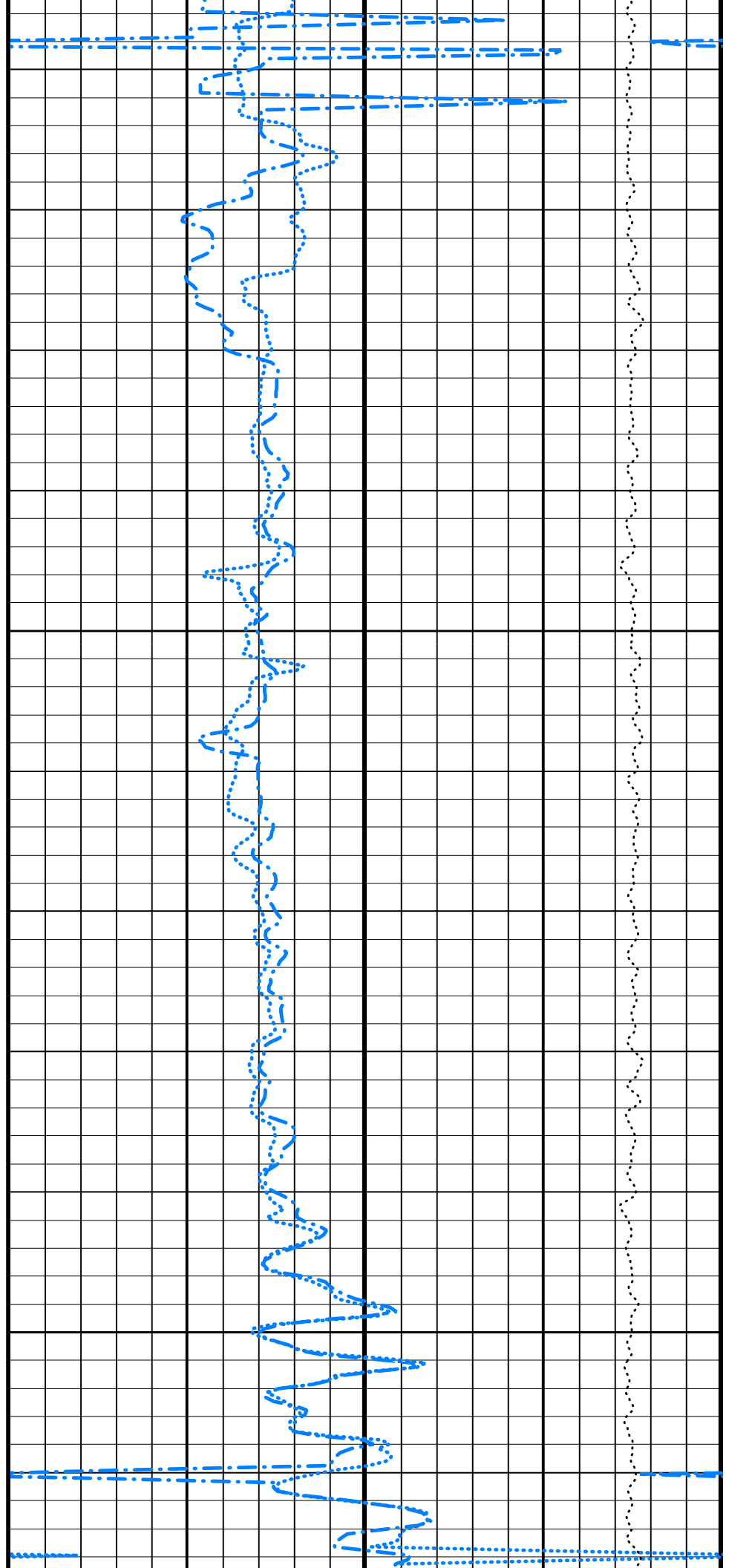
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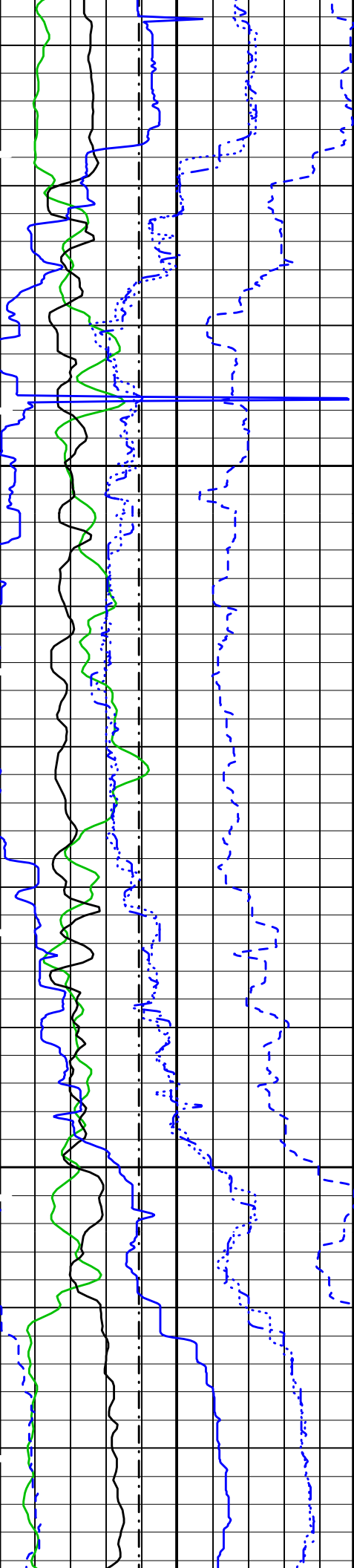




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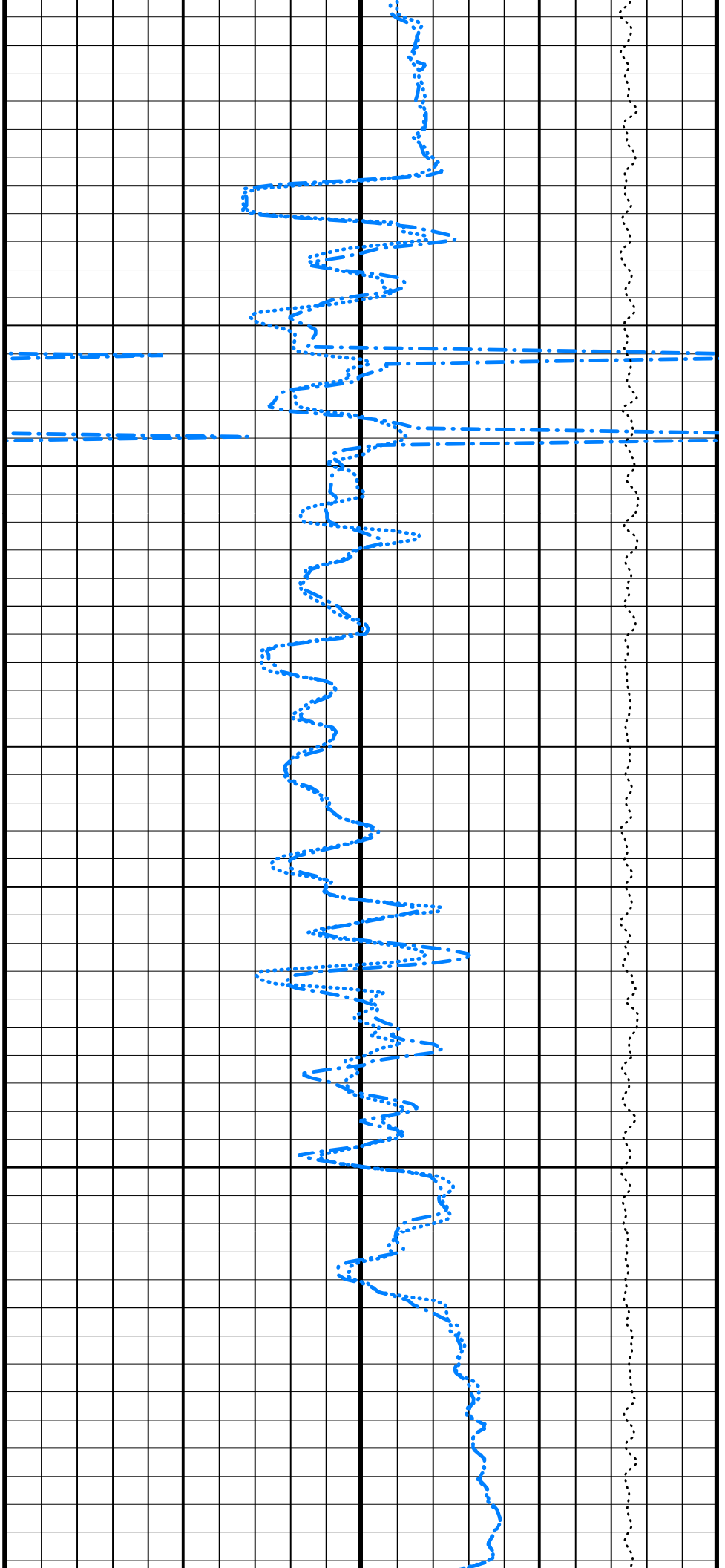
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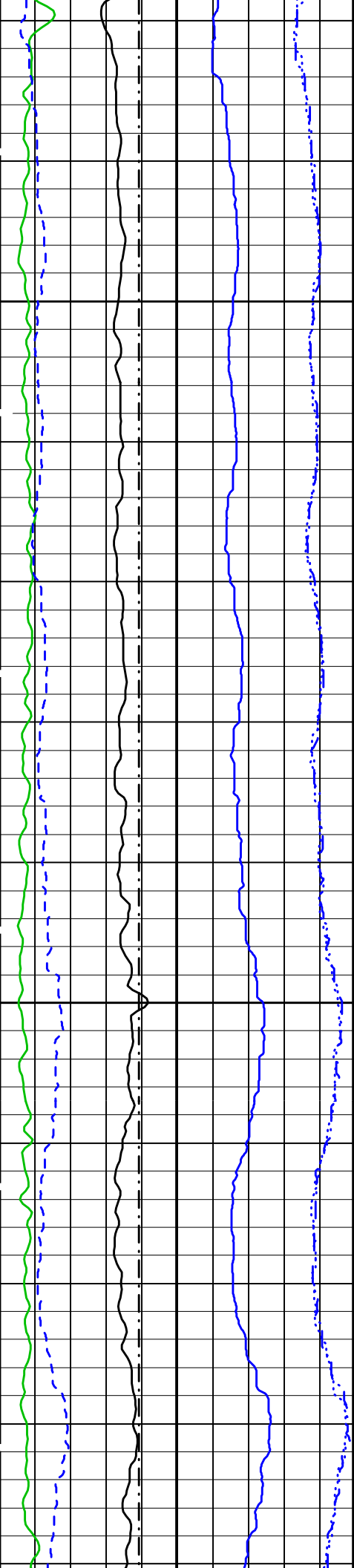


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2275

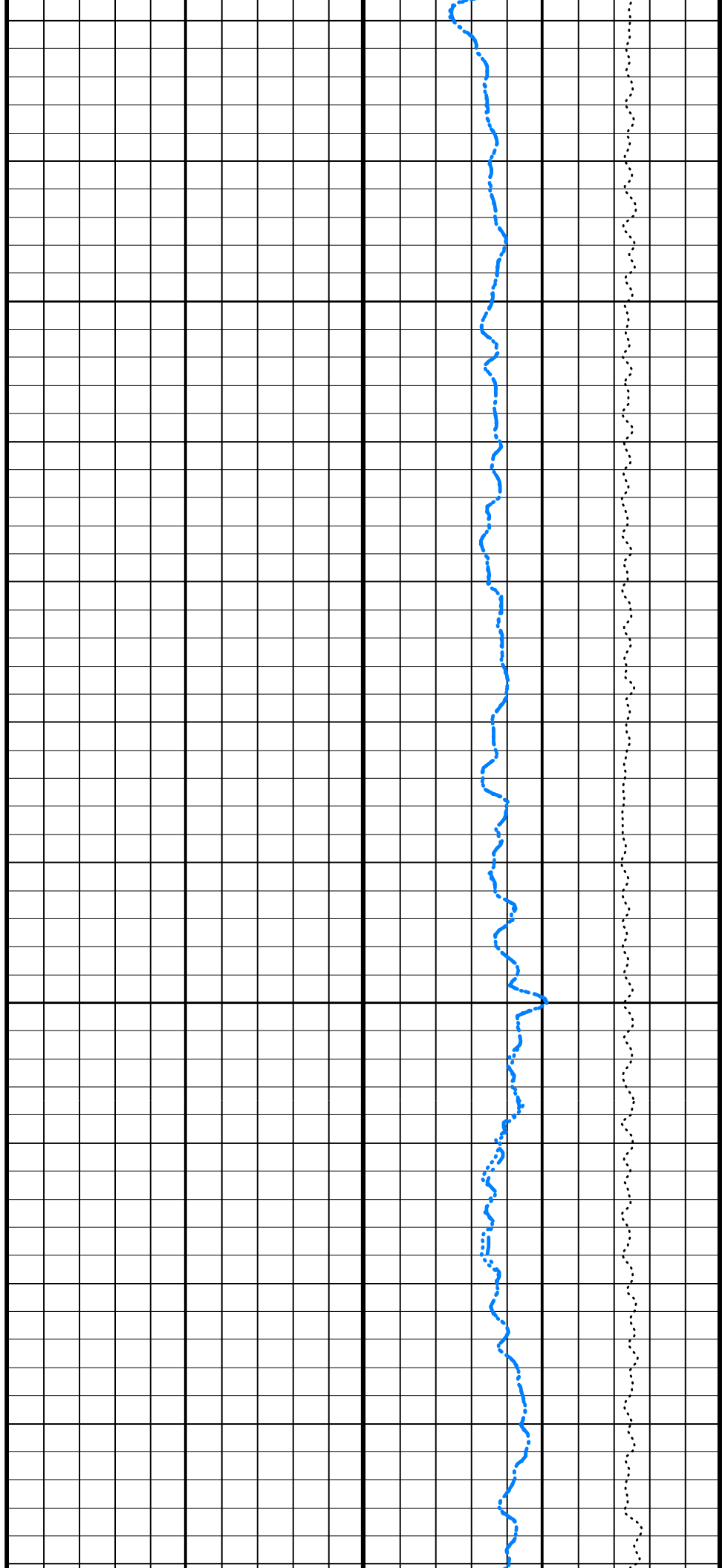


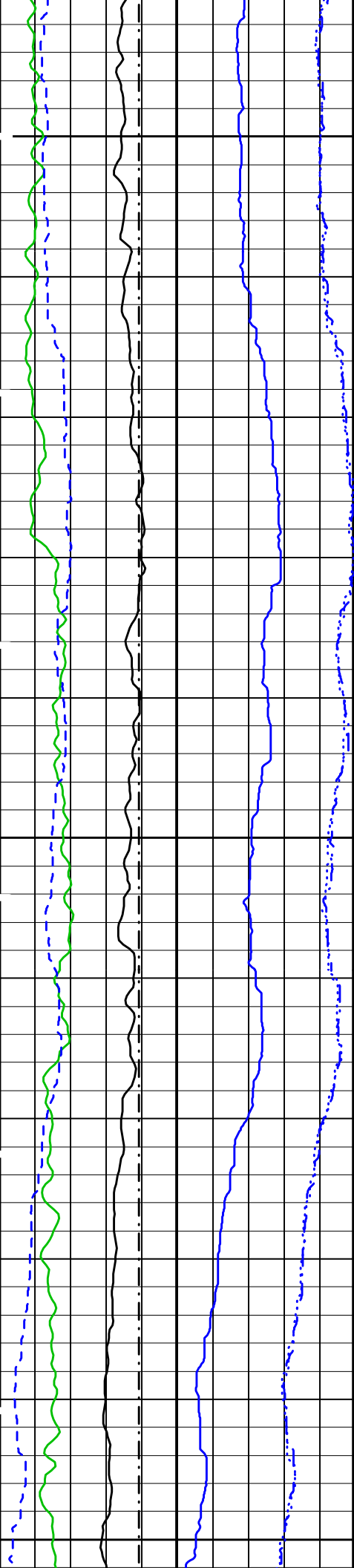




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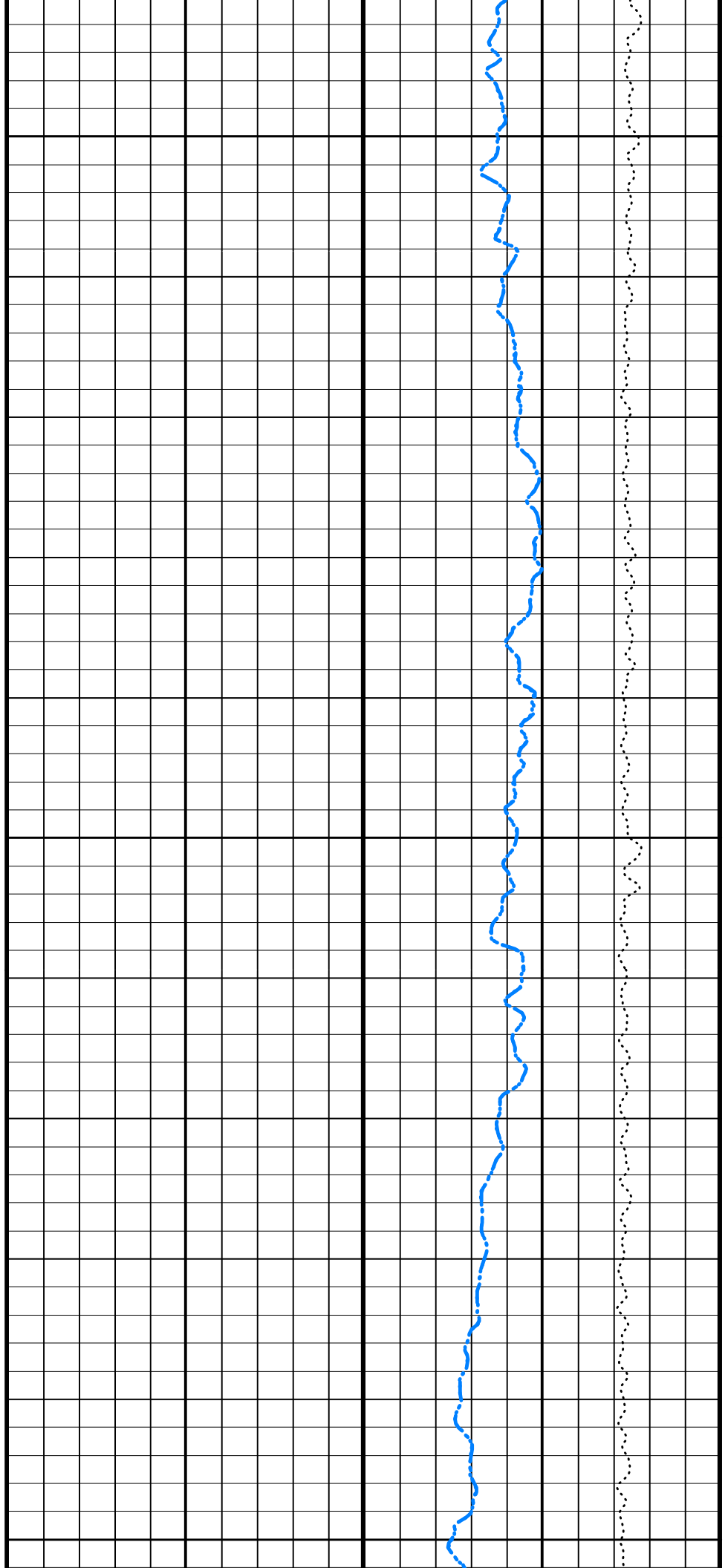


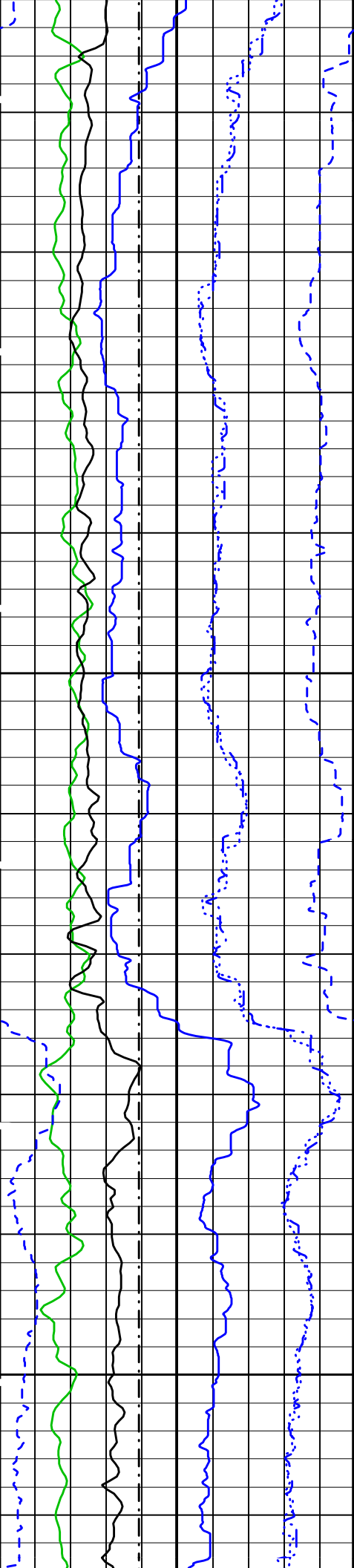


2350

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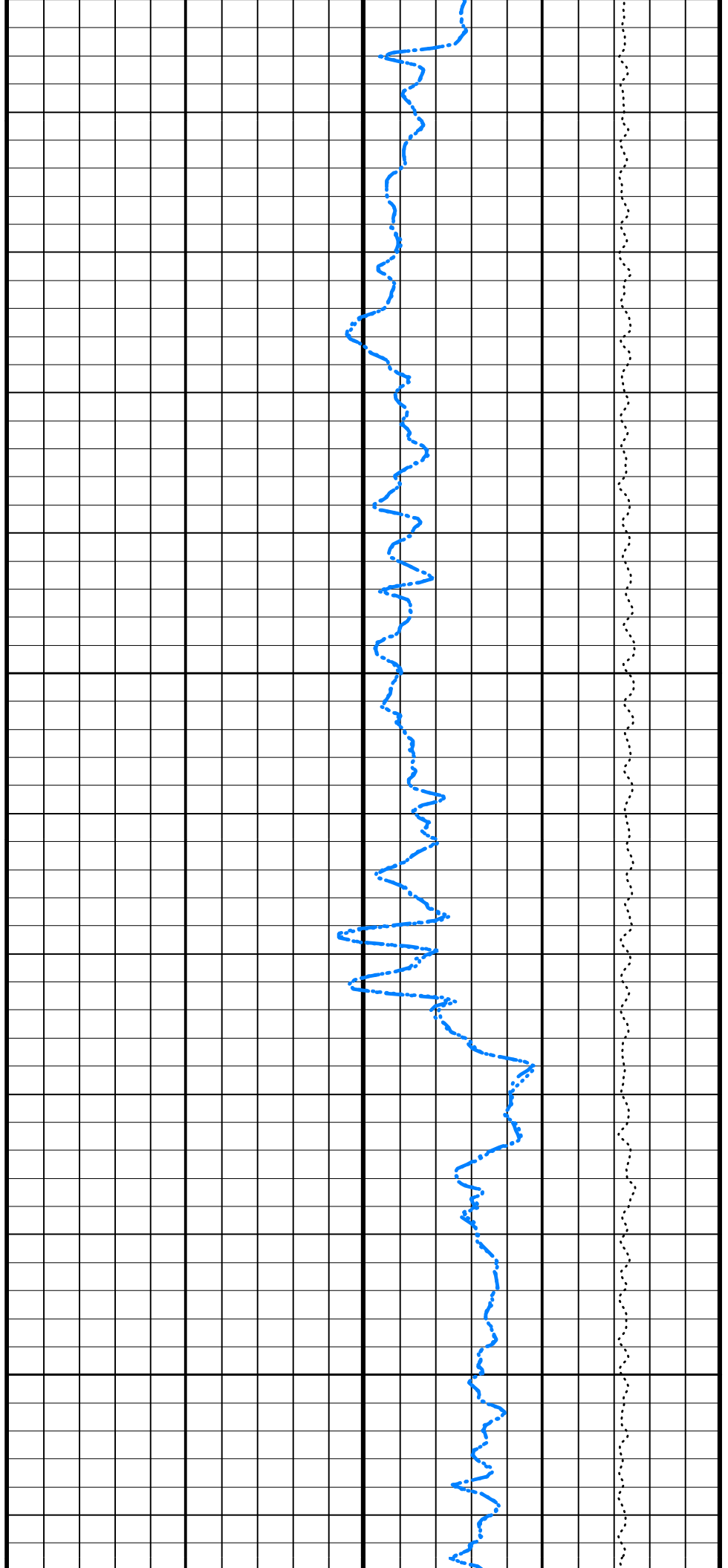
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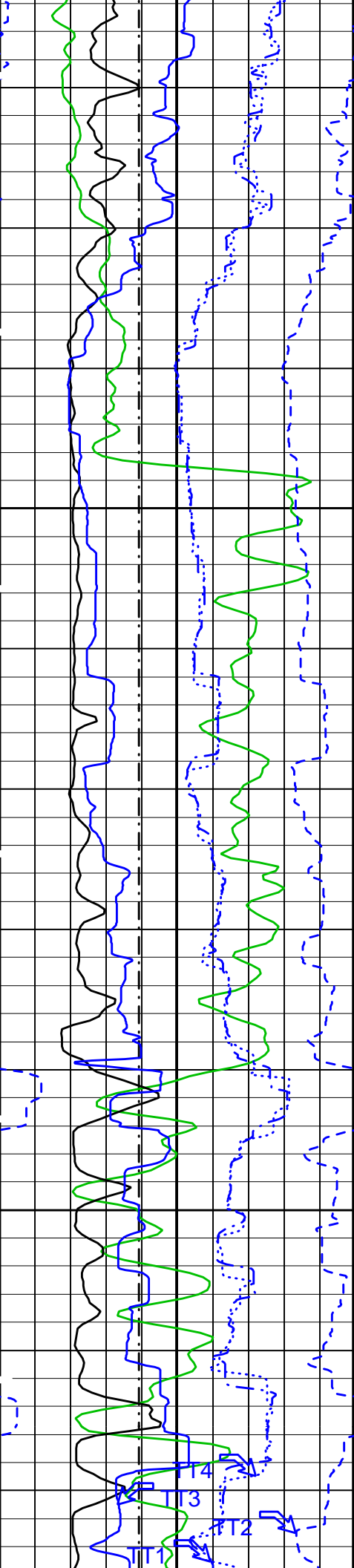




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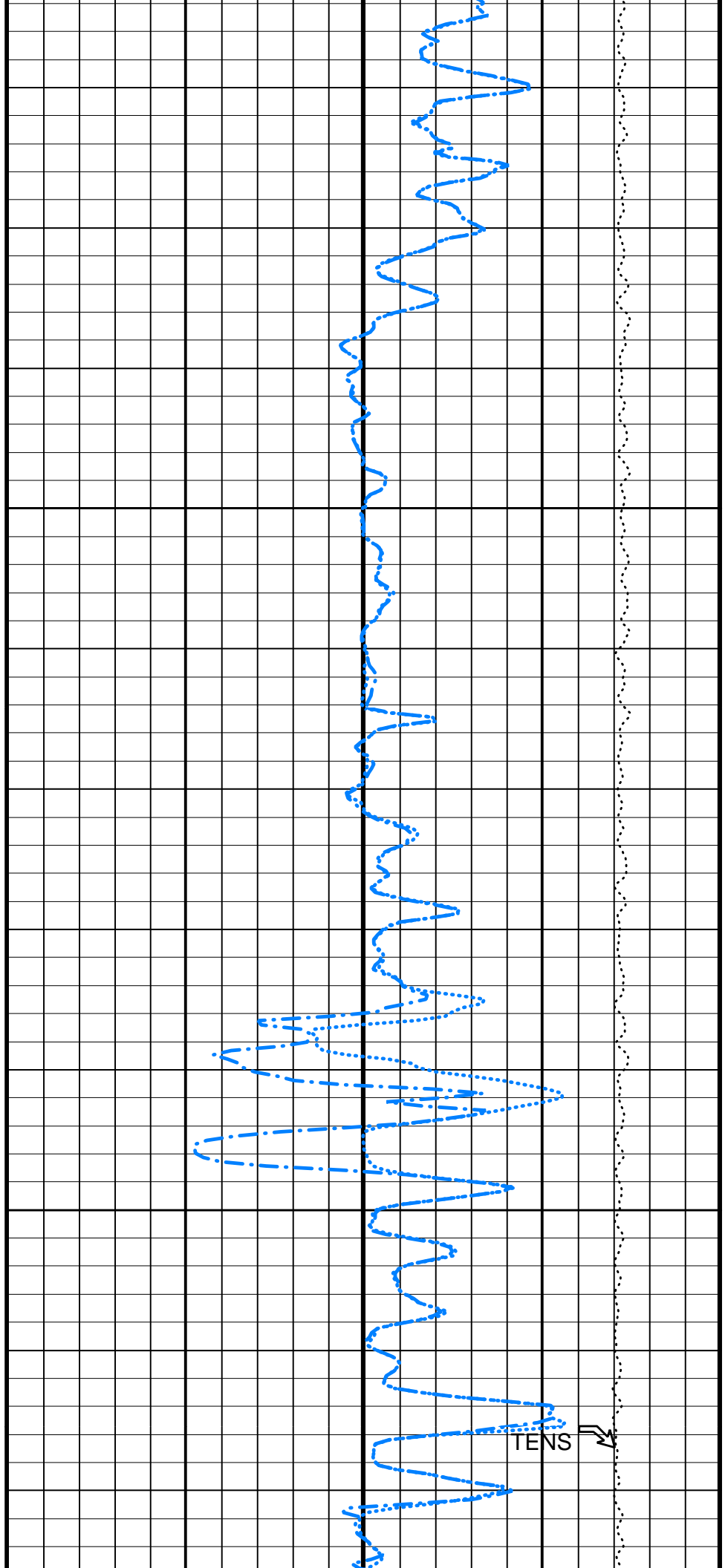
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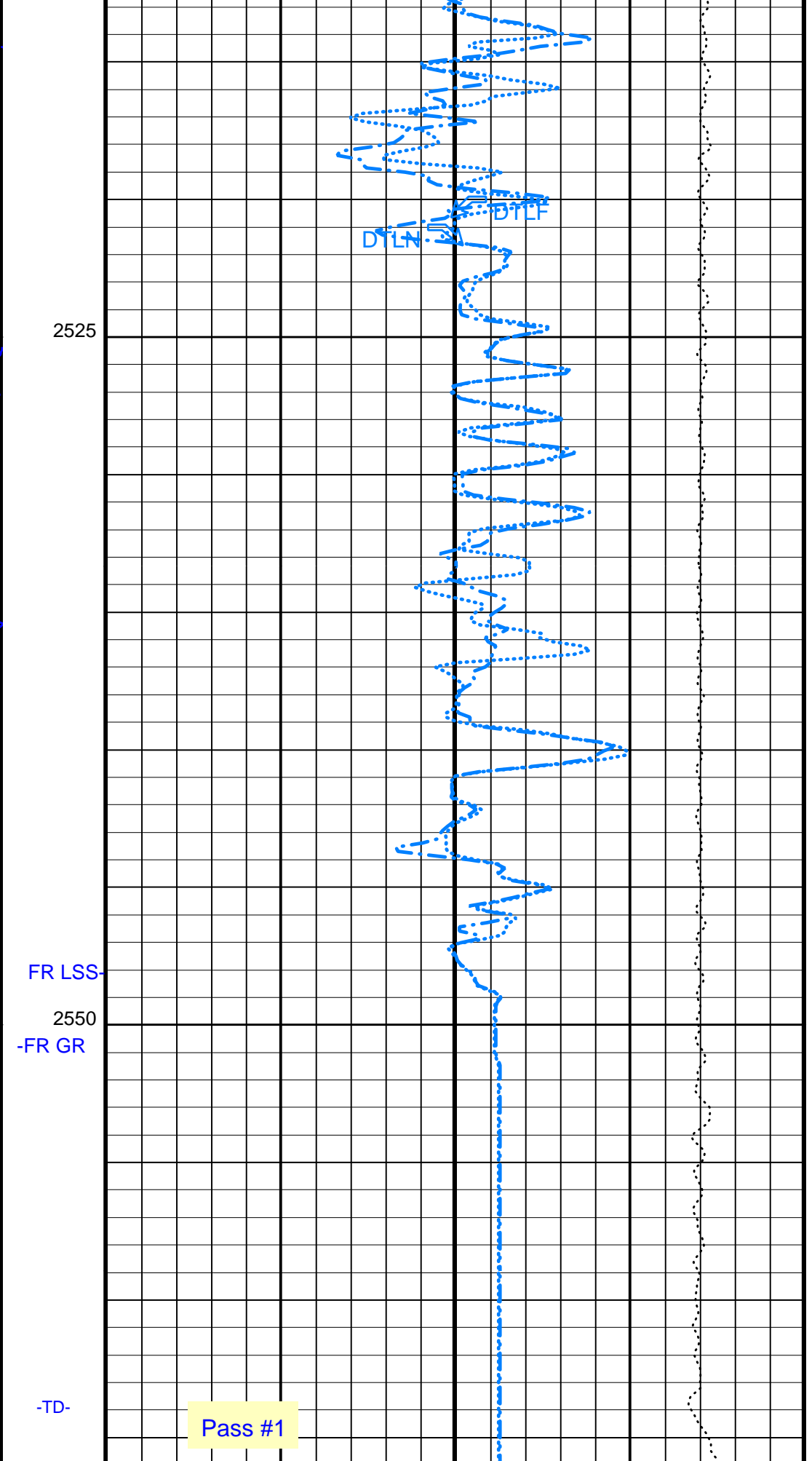
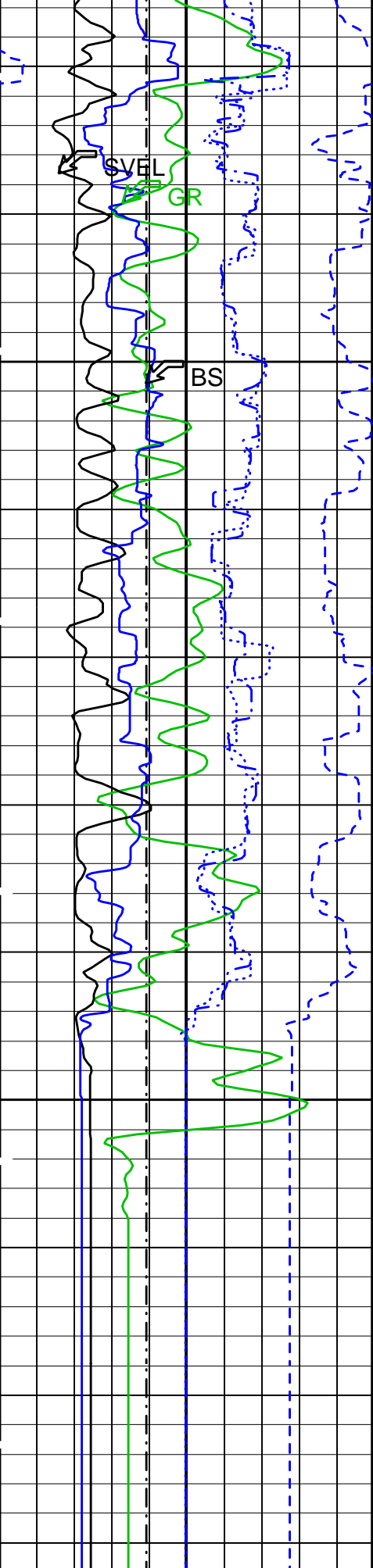


2475

2500



TENS →



Bit Size (BS)  
(IN) 6 16

Delta-T Long Spacing Near (DTLN)  
(US/F) 250 500

Pass #1

Gamma Ray (GR)		
0	(GAPI)	150
Sonic Velocity (SVEL)		
1000	(M/S)	6000
Transit Time 1 (TT1)		
1200	(US)	200
Transit Time 2 (TT2)		
1200	(US)	200
Transit Time 3 (TT3)		
1200	(US)	200
Transit Time 4 (TT4)		
1200	(US)	200

Delta-T Long Spacing Far (DTLF) 250 (US/F) 50

Tension (TENS) 10000 (LBF) 0

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DSLTLT-FTB:	Digitizing Sonic Logging Tool	LDDDB
DDEL	DSLTLT Firing Mode	DSLTLT_FTB
DFAD_TYPE	Telemetry Mode	0 US
DIVL	Digitizing Delay	DFAD2
DRCS	DFAD type	20
DSIN	DSLTLT Depth Sampling Interval	250
DTFS	DSLTLT DLIS Recording Size	10
DWCO	Digitizing Sample Interval	536
GAI	DSLTLT Telemetry Frame Size	250
MAHTR	Digitizing Word Count	40
MGAI	Manual Gain	40
MNHTR	Manual High Threshold Reference	60
NMSG	Maximum Gain	30
NMXG	Minimum High Threshold Reference	590 US
RATE	Near Minimum Sliding Gate	2190 US
SFAF	Near Maximum Sliding Gate	R15
SGCL	Firing Rate	16 DB/M
SGDT	Sonic Formation Attenuation Factor	200 US/F
SGW	Sliding Gate Closing Delta-T	80 US/F
SLEV	Sliding Gate Delta-T	140 US
WAGC	Sliding Gate Width	4000
WMOD	Signal Level for AGC	OFF
	Waveform AGC Allow/Disallow	FULL
	Waveform Firing Mode	
	System and Miscellaneous	
BS	Bit Size	9.875 IN

Format: SONI Vertical Scale: 1:200 Graphics File Created: 22-Feb-2003 08:28

OP System Version: 10C0-306  
MCM

MEST-B	10C0-306	DTA-A	10C0-306
SGT-N	10C0-306	DSLTLT-FTB	OP10-KP1
DTC-H	10C0-306		

Output DLIS Files

DEFAULT	FMS_SONIC_016LUP	FN:24	PRODUCER	22-Feb-2003 08:28
REDUCE	FMS_SONIC_016LUP	FN:25	PRODUCER	22-Feb-2003 08:28

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
-------------	---------	--------	--------	-------	--------	-------	-------

Micro Electrical Scanner - B (Slim) Wellsite Calibration - Caliper Calibration  
Before: Calibration out of date 13-Jan-2003 8:27

Caliper 1 Zero Measurement	12.00	N/A	12.79	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.83	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.00	N/A	15.78	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.00	N/A	15.84	N/A	N/A	N/A	IN

Micro Electrical Scanner - B (Slim) Wellsite Calibration - CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY

Before: 22-Feb-2003 7:07

TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	92	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	10	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	448	N/A	N/A	N/A	

Micro Electrical Scanner - B (Slim) Wellsite Calibration - CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY

Before: 22-Feb-2003 7:07

TEMPERATURE REFERENCE :	N/A	N/A	19	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	12	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	428	N/A	N/A	N/A	

Scintillation Gamma-Ray - N Wellsite Calibration - Detector Calibration

Before: Calibration out of date 14-Jan-2003 17:22

Gamma Ray (Jig - Bkg)	163.9	N/A	163.9	N/A	N/A	14.90	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	N/A	N/A	15.00	GAPI

Micro Electrical Scanner - B (Slim) / Equipment Identification

Primary Equipment:

MEST Sonde - B	MEDS - B	771
MEST Preamplifier Cartridge - AB	MEPC - AB	
GPIT Cartridge - A	GPIC - A	719
MEST Acquisition Cartridge - A	MEAC - A	833

Auxiliary Equipment:

MEST-B Preamplifier Cartridge Housing	MEPH - A	702
MEST Acquisition Cartridge Housing (Slim)	MEAH - B	701

Scintillation Gamma-Ray - N / Equipment Identification

Primary Equipment:

Scintillation Gamma Cartridge	SGC - TB	9585
Scintillation Gamma Detector	SGD - TAA	

Auxiliary Equipment:

Scintillation Gamma Housing	SGH - K	2450
Gamma Source Radioactive	GSR - U/Y	

Scintillation Gamma-Ray - N Wellsite Calibration

Detector Calibration

Phase	Gamma Ray Background	GAPI	Value	Phase	Gamma Ray (Jig - Bkg)	GAPI	Value	Phase	Gamma Ray (Calibrated)	GAPI	Value
Before			4.177	Before			163.9	Before			165.0
	0 (Minimum)				149.0 (Minimum)				150.0 (Minimum)		
	30.00 (Nominal)				163.9 (Nominal)				165.0 (Nominal)		
	120.0 (Maximum)				178.8 (Maximum)				180.0 (Maximum)		

Before: Calibration out of date 14-Jan-2003 17:22

Company: Lamont Doherty

**Schlumberger**

Well: ODP Leg 207 Site 1261B

Field: Demarara Rise

Country: Venezuela

Ocean: Atlantic

Long Spaced Sonic

Gamma Ray