

Company: Esso Auatrali Pty Ltd.

Well: Halibut A-23

Field: Halibut

Rig: ISDL Rig 453

Country: Australia

4.5" HSD Powerjet Omega
GR-CCL

Rig: ISDL Rig 453	
Field: Halibut	
Location: Bass Strait	
Well: Halibut A-23	
Company: Esso Auatrali Pty Ltd.	
LOCATION	
Bass Strait	Elev.: K.B. 29.46 m
Gippsland	G.L. -72.5 m
Basin	D.F. 29.46 m
Permanent Datum:	Mean Sea Level
Log Measured From:	Drill Floor
Drilling Measured From:	Drill Floor
State: Victoria	Max. Well Deviation 25 deg
	Longitude 148°19' 07.62"E
	Latitude 38°24' 20.36"S

Logging Date	6-Apr-2007		
Run Number	1		
Depth Driller	2550 m		
Schlumberger Depth	2585.7 m		
Bottom Log Interval	2495.5 m		
Top Log Interval	2491 m		
Casing Fluid Type	Sea Water		
Salinity			
Density	8.55 lbn/gal		
Fluid Level			
BIT/CASING/TUBING STRING			
Bit Size	8.500 in		
From	622 m		
To	2658.1 m		
Casing/Tubing Size	7.000 in		
Weight	26 lbn/ft		
Grade	L-80		
From	12 m		
To	2658.1 m		
Maximum Recorded Temperatures			
Logger On Bottom	6-Apr-2007		5:15
Unit Number	41	AUSL	
Recorded By	Alex Sword		
Witnessed By	Mr B. Davis/Mr J. Bennett		

	Oil Density	Run 1	Run 2	R
	Water Salinity			
	Gas Gravity			
	Bo			
	Bw			
	1/Bg			
	Bubble Point Pressure			
	Bubble Point Temperature			
	Solution GOR			
	Maximum Deviation	25 deg		
	CEMENTING DATA			
	Primary/Squeeze	Primary		
	Casing String No			
	Lead Cement Type			
	Volume			
	Density			
	Water Loss			
	Additives			
	Tail Cement Type			
	Volume			
	Density			
	Water Loss			
	Additives			
	Expected Cement Top			
	Logging Date			
	Run Number			
	Depth Driller			
	Schlumberger Depth			
	Bottom Log Interval			
	Top Log Interval			
	Casing Fluid Type			
	Salinity			
	Density			
	Fluid Level			
	BIT/CASING/TUBING STRING			
	Bit Size			
	From			
	To			
	Casing/Tubing Size			
	Weight			
	Grade			
	From			
	To			
	Maximum Recorded Temperatures			
	Logger On Bottom			
	Unit Number			
	Recorded By			
	Witnessed By			

Date Created: 10-APR-2007 11:24:13

Logging Cable

Type:	7-46ZV-XS
Serial Number:	76075
Length:	4999.94 M
Conveyance Method:	Wireline
Rig Type:	Offshore Fixed

Log Sequence:	First Log In the Well
Rig Up Length At Surface:	
Rig Up Length At Bottom:	
Rig Up Length Correction:	
Stretch Correction:	-2.75 M
Tool Zero Check At Surface:	

1. All Schlumberger depth policies adhered too.
2. IDW used as primary depth indicator
3. Z-Chart used as Secondary Depth Indicator
- 4.
- 5.
- 6.

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.

OTHER SERVICES2
OS1:
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 2

4-1/2" HSD Powerjet Omega 12SPF
Perforation Interval 2491-2495.5m MDKB
CCL to Top Shot = 3.85m

Loaded Distance = 4.5m

178 shots loaded

TD Tagged at 2585.7 mMDKB with large Junk Basket and 6" Gauge Ring.

CCL to Bottom of tool = 3.2M

All logs correlated to Schlumberger Anadrill Log: HLA A23 GeoVISION RM 200 MD

Dated: 3-Apr-2007

Day Crew: G.Martin, S.Kiss

Night Crew: D.Watts, N.Simmons

Performed By Schlumberger

RUN 1			RUN 2		
SERVICE ORDER #:		L0501H211	SERVICE ORDER #:		
PROGRAM VERSION:		14C0-302	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

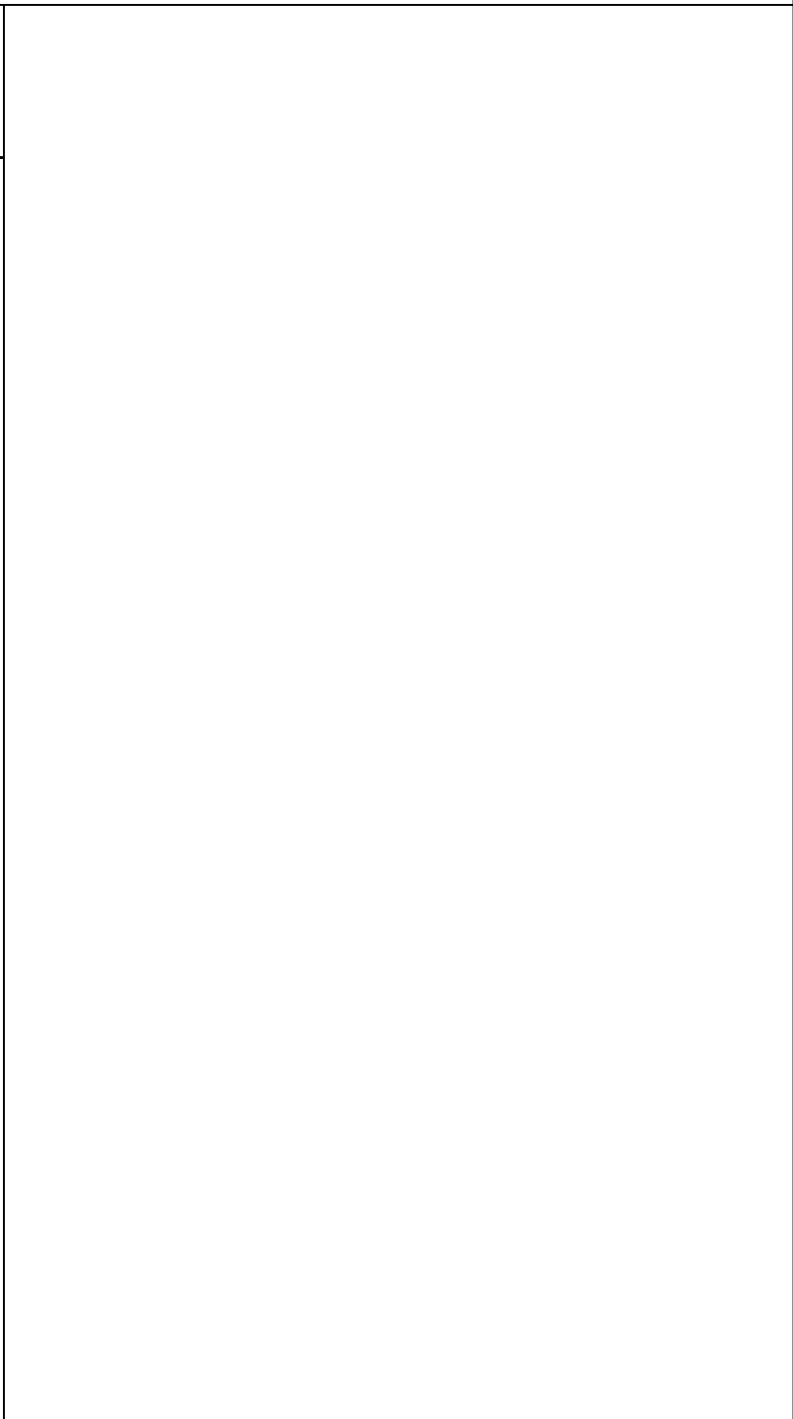
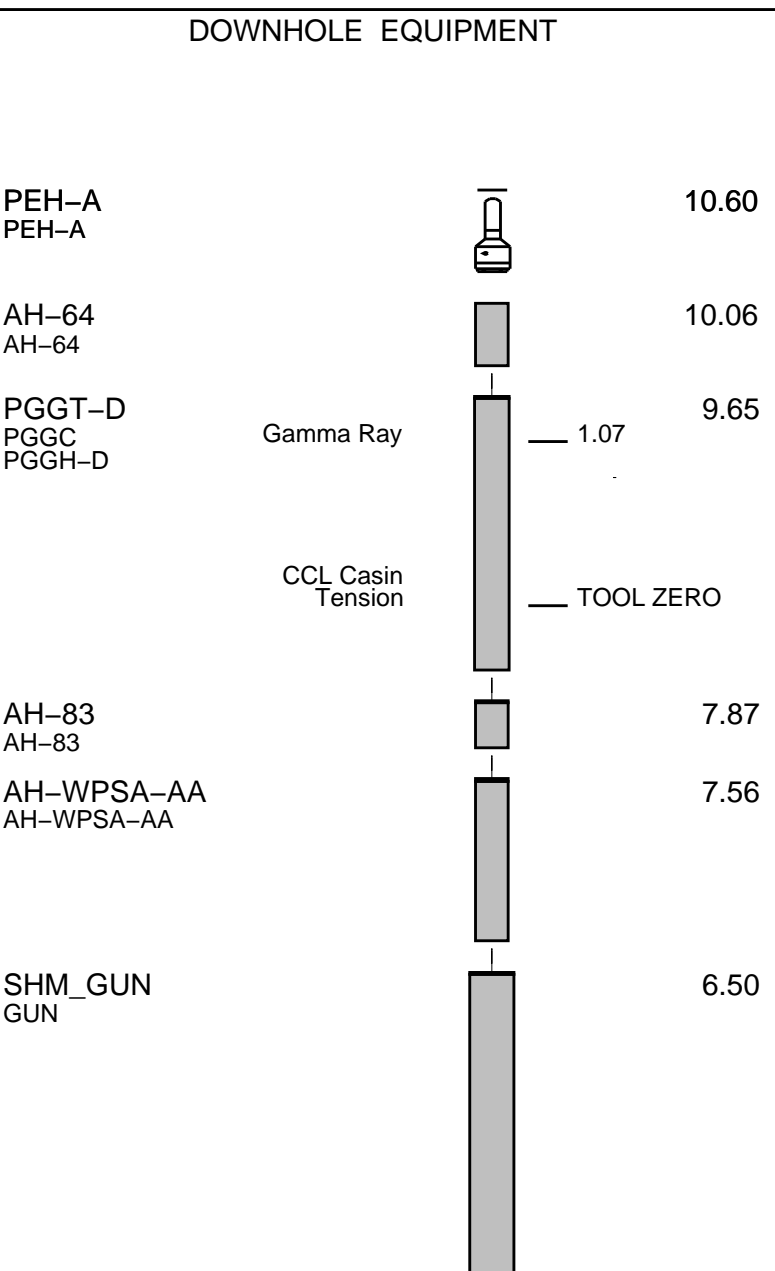
EQUIPMENT DESCRIPTION

RUN 1

RUN 2

SURFACE EQUIPMENT

SHM-EA

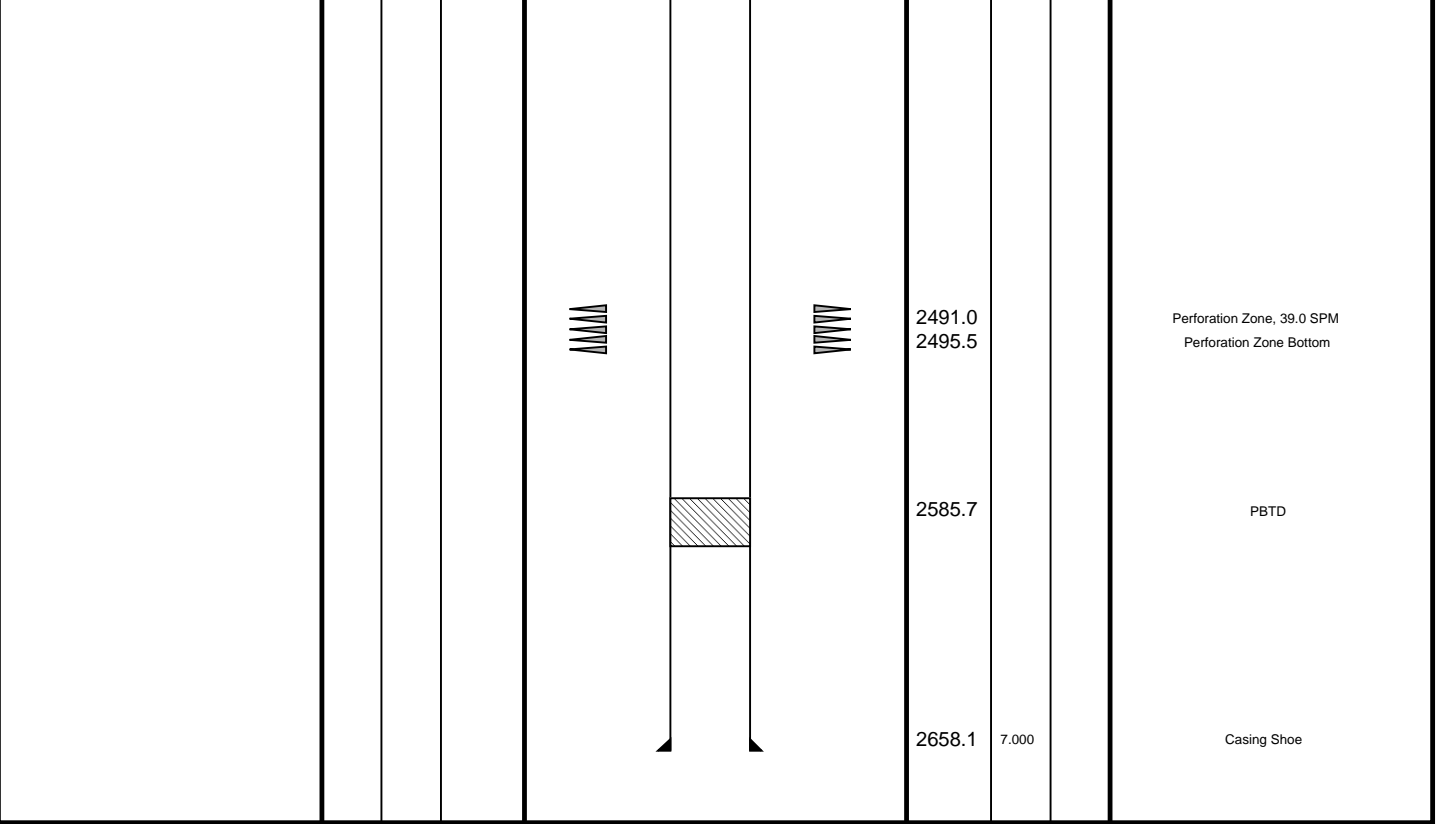




TOOL BOTTOM

MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Production String	(in)		(m)	Well Schematic	(m)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
					0.0	9.625		Casing String
					12.0	7.000		Casing String
					622.0	9.625		Casing Shoe



Shooting Pass

MAXIS Field Log

PERFO2 Operational Summary Listing

Device	Status	Req Depth (M)	Obs Depth (M)	Time Used
GUN1	Used	2491.0	2491.0	Sat Apr 07 05:41:09 2007

Company: Esso Auatrali Pty Ltd. Well: Halibut A-23

Output DLIS Files				
DEFAULT	PERFO_017LUP	FN:16	PRODUCER	07-Apr-2007 05:33

SHM_GUN

14C0-302

PGGT-D

14C0-302

PIP SUMMARY

Time Mark Every 60 S

Casing Collar Locator (CCL)

-19 (----) 1

Gamma Ray (GR)

(GAPI)

0 150

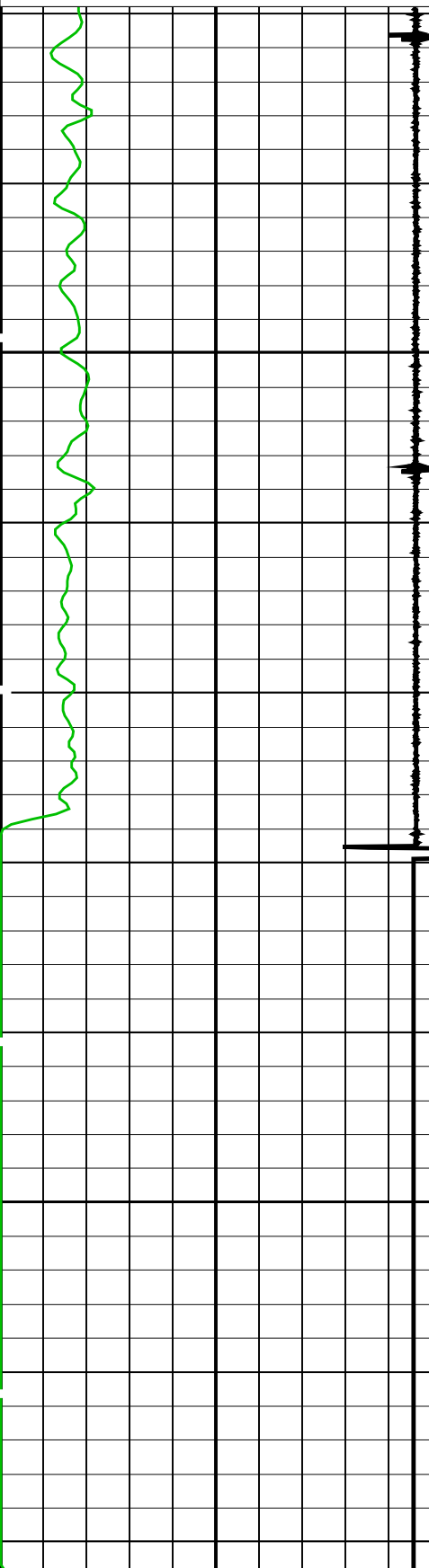
Shifted Casing Collar Locator (SCCL)

-10 (----) 10

Tension (TENS)

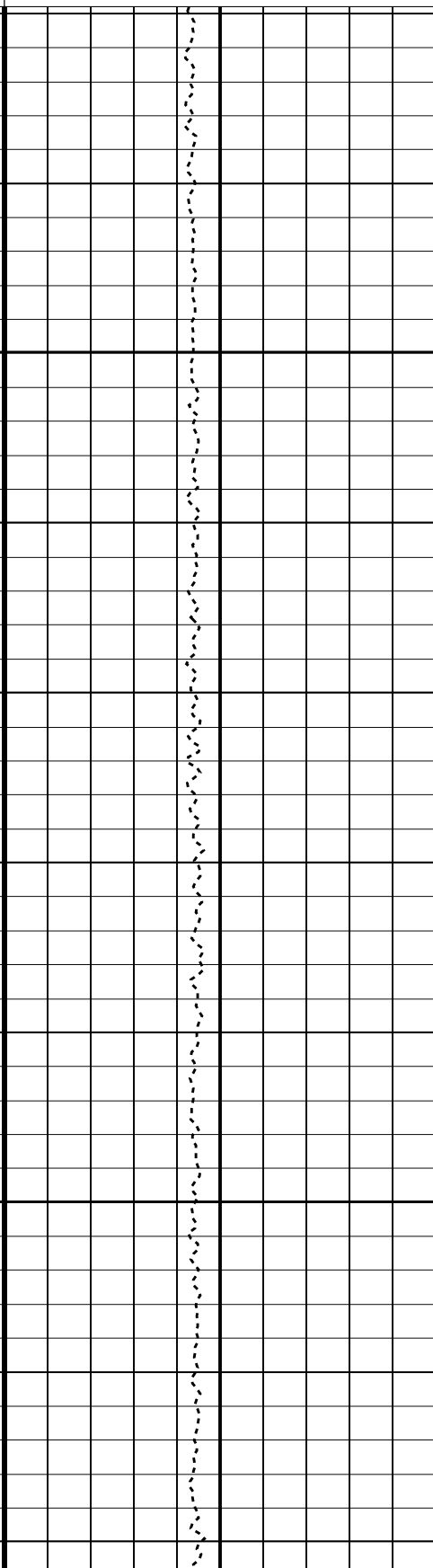
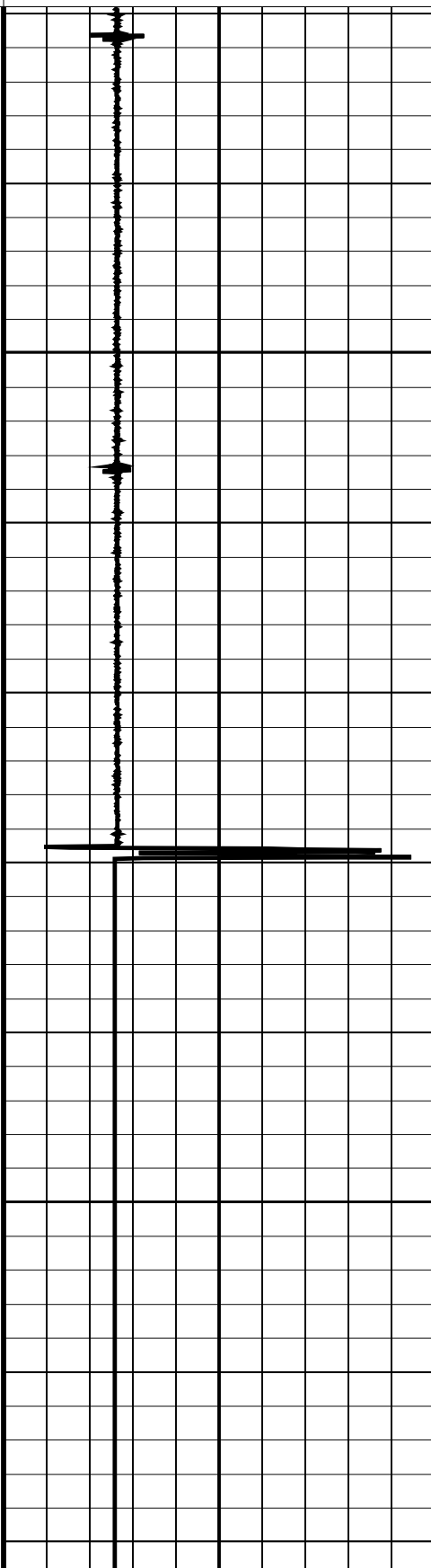
(LBF)

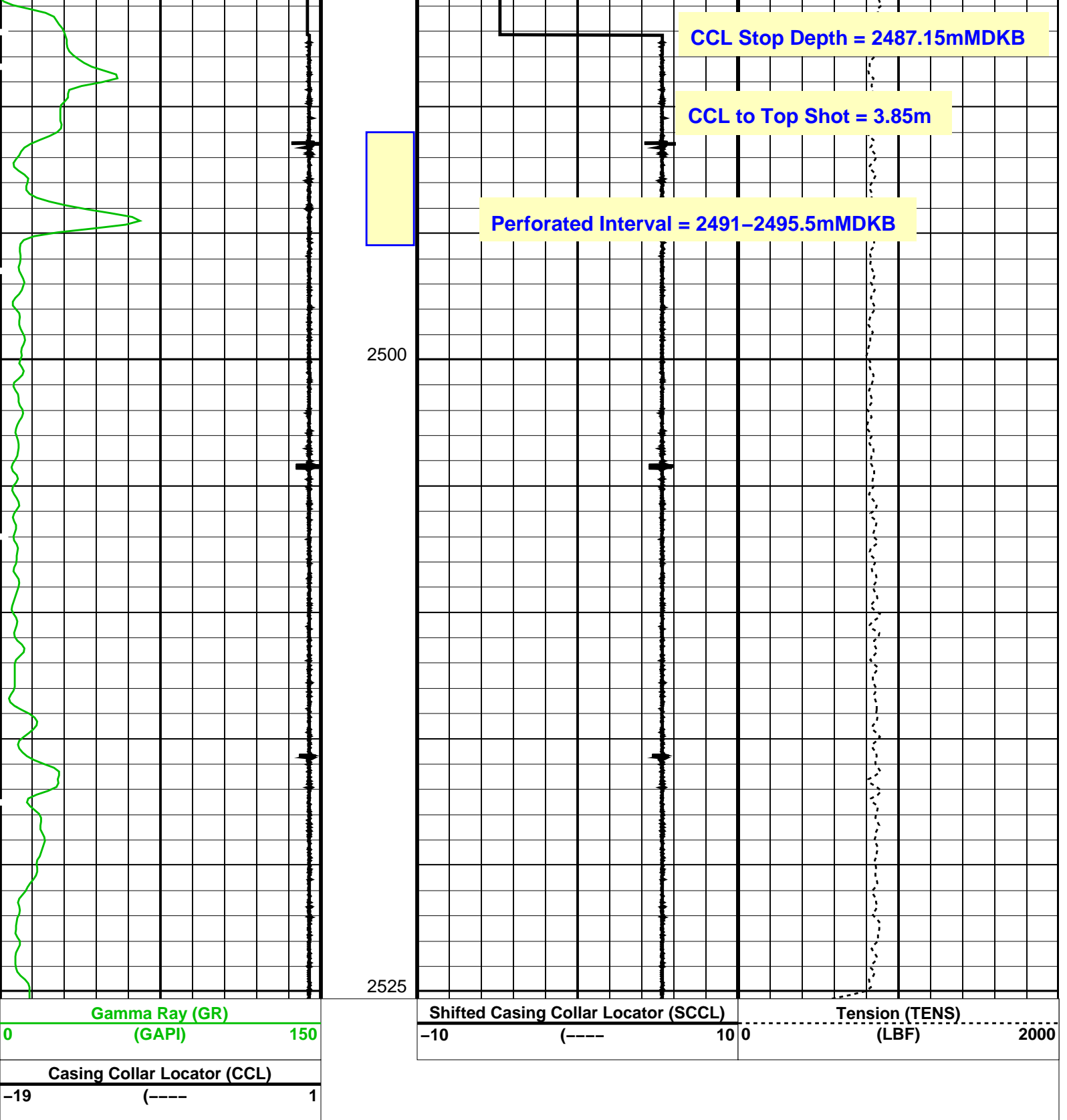
0 2000



2450

2475





PIP SUMMARY

Time Mark Every 60 S

Format: PERFO Vertical Scale: 1:200

Graphics File Created: 07-Apr-2007 05:33

OP System Version: 14C0-302
MCM

SHM_GUN

14C0-302

PGGT-D

14C0-302

Output DLIS Files

DEFAULT

PERFO_017LUP

FN:16

PRODUCER

07-Apr-2007 05:33

MAXIS Field Log

Company: Esso Auatrali Pty Ltd.

Well: Halibut A-23

Output DLIS Files

DEFAULT

PERFO_016LUP

FN:15

PRODUCER

07-Apr-2007 05:23

OP System Version: 14C0-302

MCM

SHM_GUN

14C0-302

PGGT-D

14C0-302

PIP SUMMARY

☒ Time Mark Every 60 S

Casing Collar Locator (CCL)

-19 (----) 1

Gamma Ray (GR)
(GAPI)

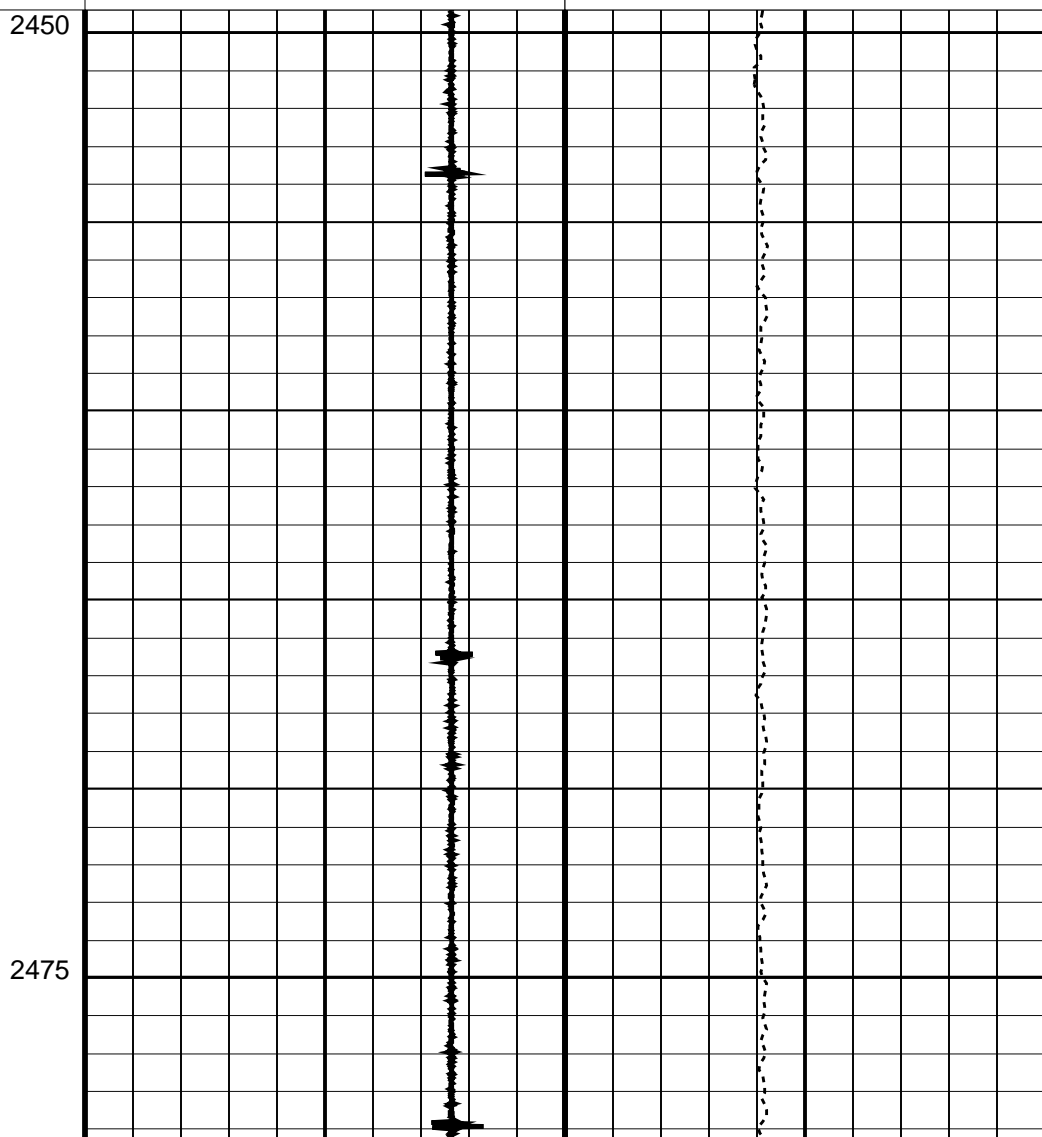
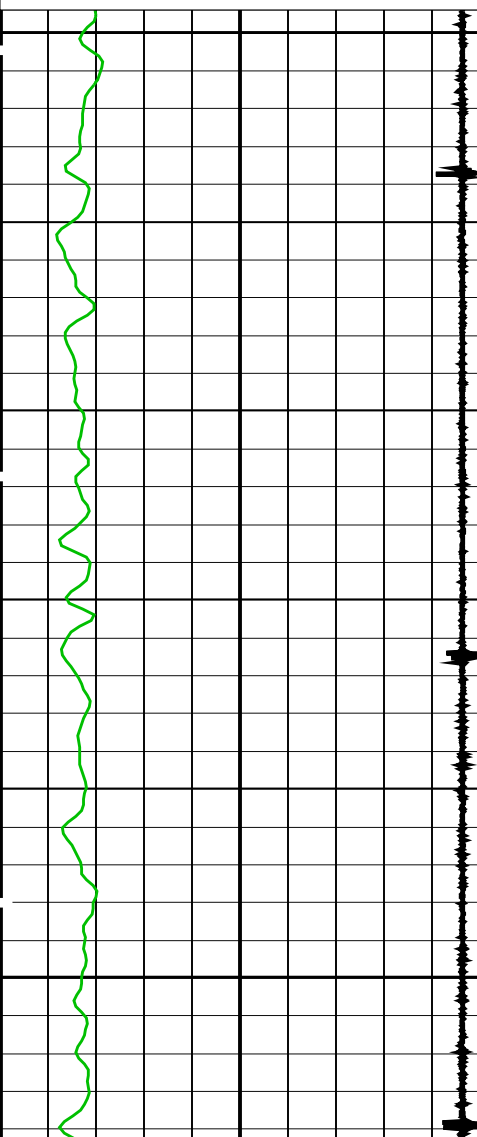
0 150

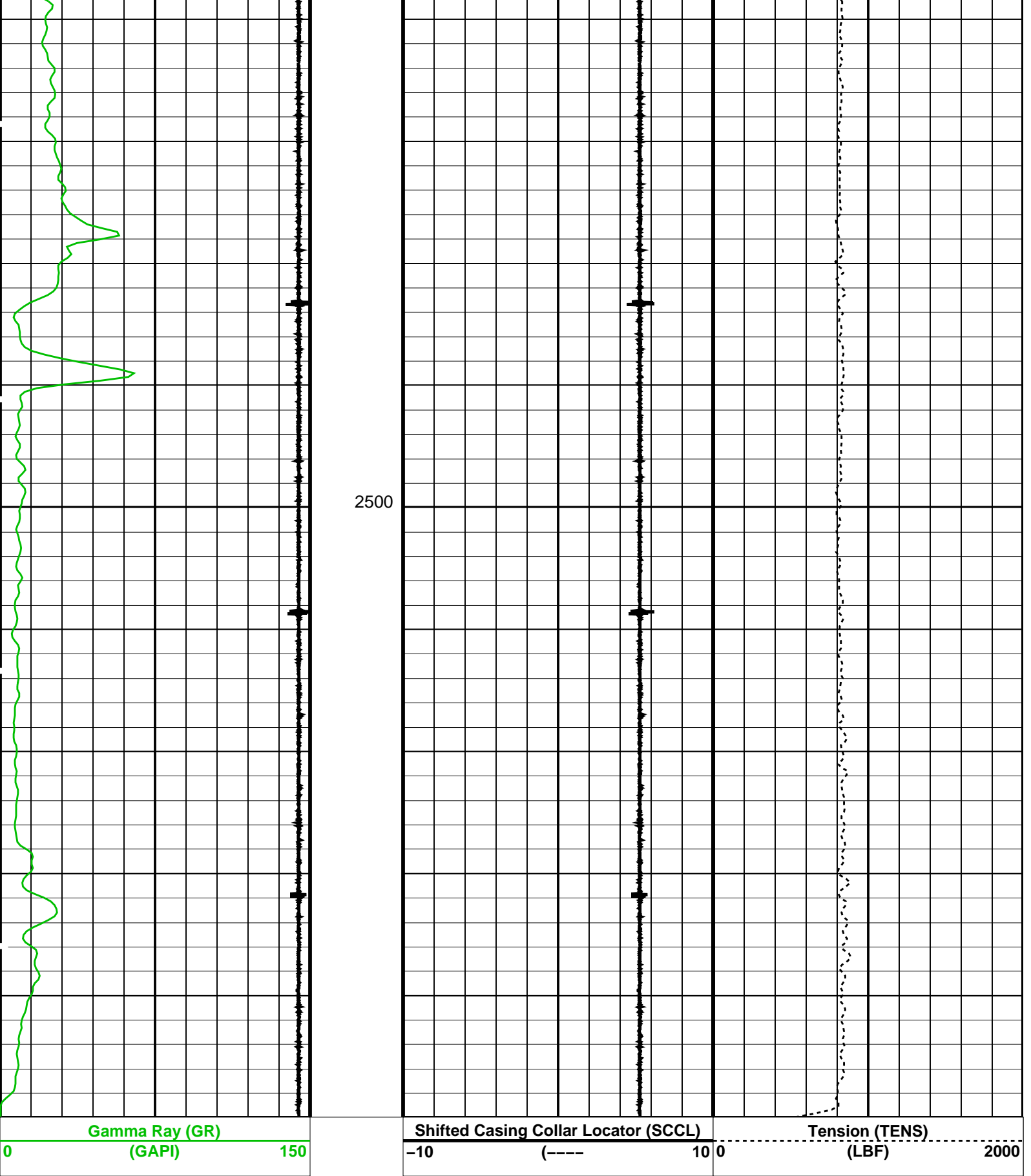
Shifted Casing Collar Locator (SCCL)

-10 (----) 10

Tension (TENS)

0 (LBF) 2000





PIP SUMMARY

Time Mark Every 60 S

Format: PERFO Vertical Scale: 1:200

Graphics File Created: 07-Apr-2007 05:23

OP System Version: 14C0-302

MCM

Schlumberger

Junk Basket Tag Log

MAXIS Field Log

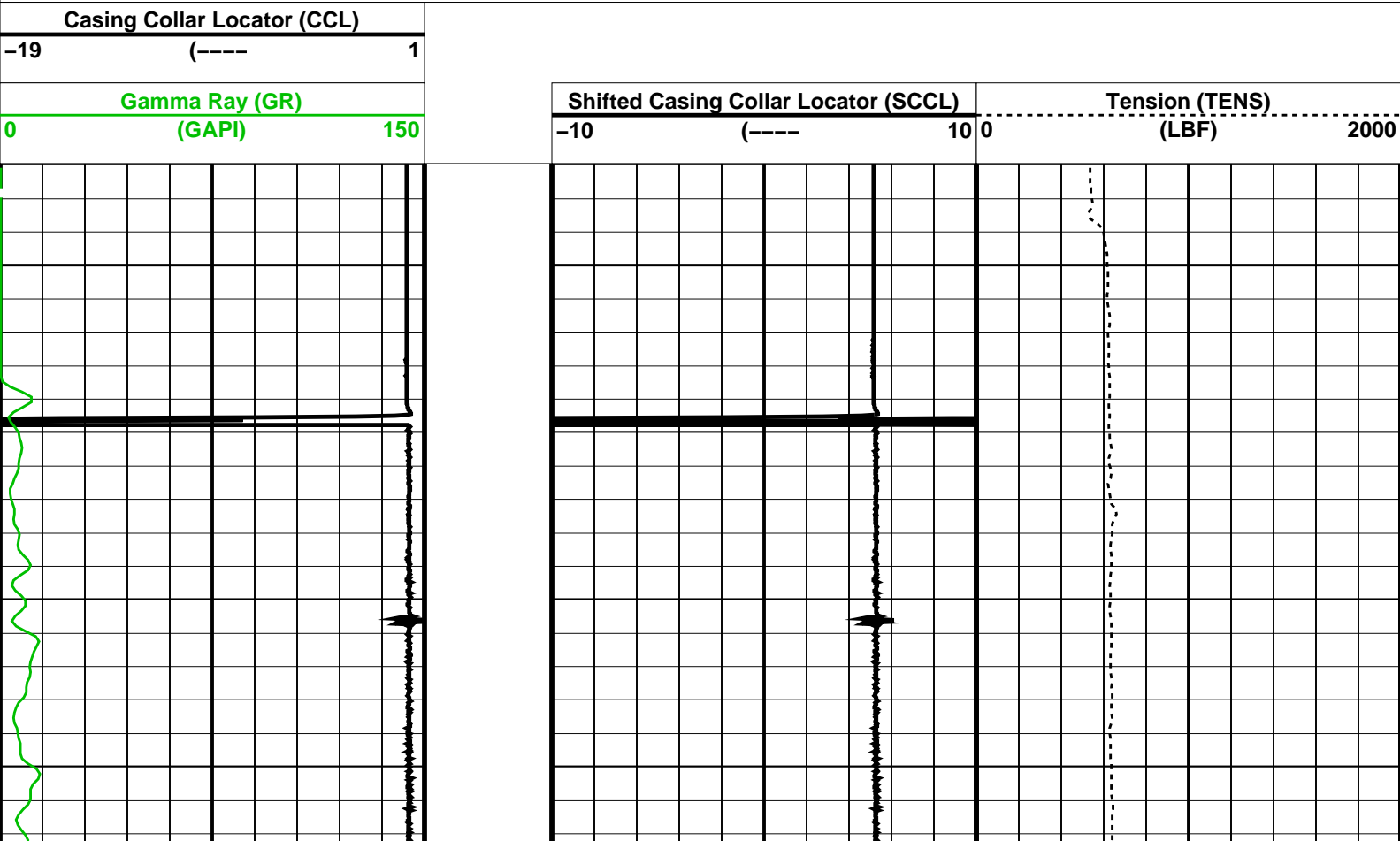
Company: Esso Auatrali Pty Ltd.

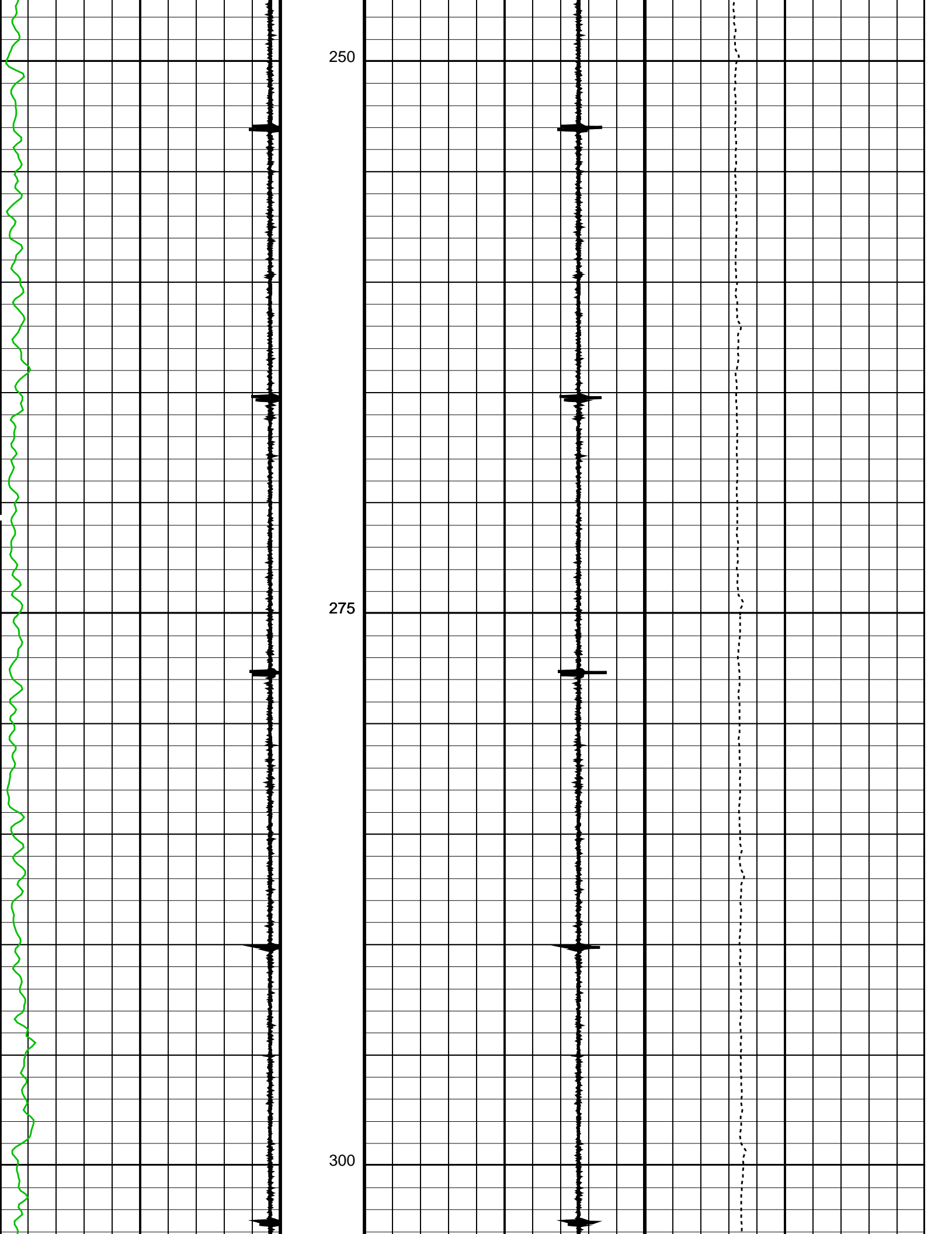
Well: Halibut A-23

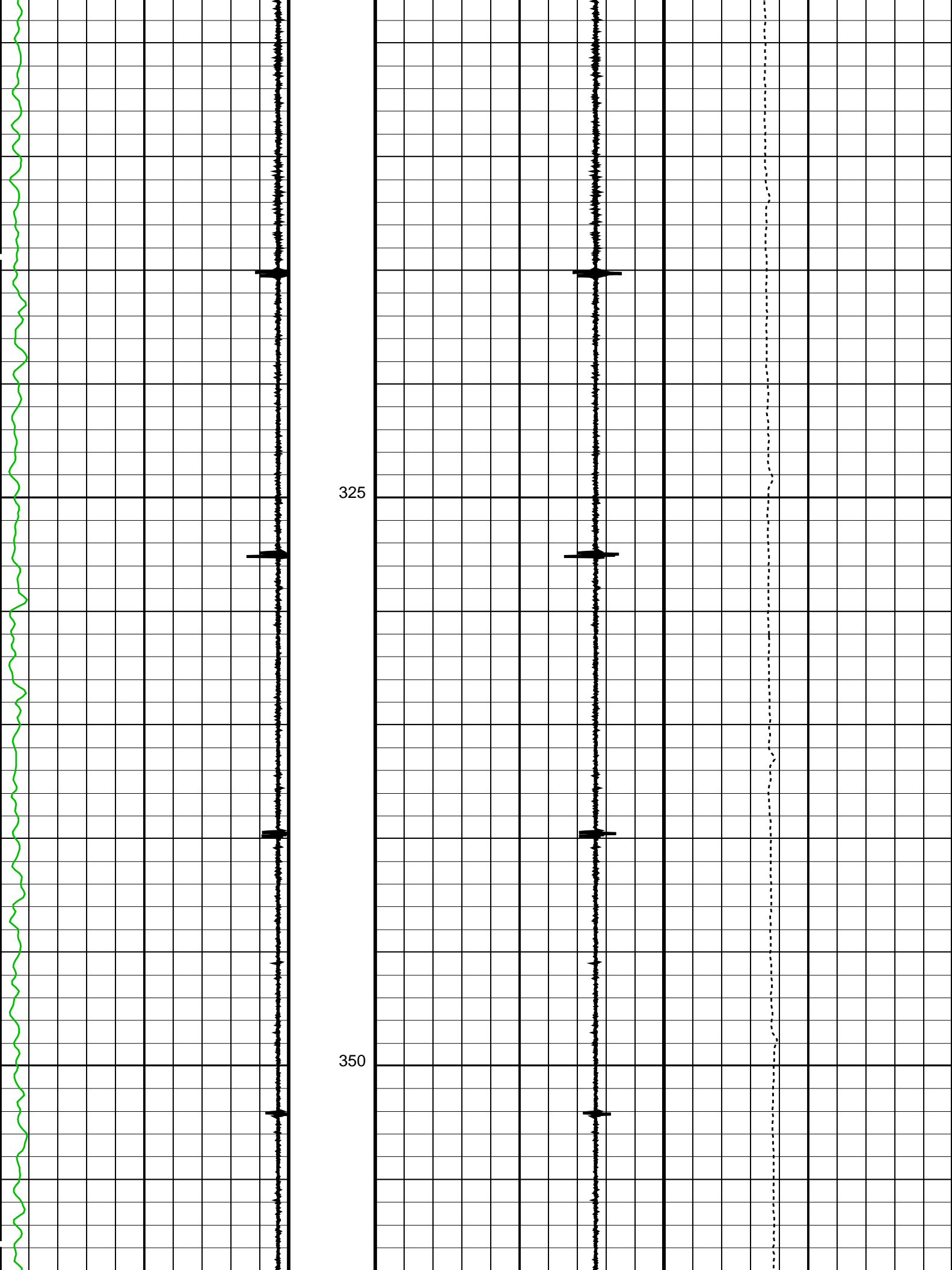
Input DLIS Files					
DEFAULT	PLUG_009LUP	FN:8	PRODUCER	10-Apr-2007 11:19	2595.4 M232.4 M
Output DLIS Files					
DEFAULT	PERFO_027PUP	FN:8	PRODUCER	17-Apr-2007 10:59	2589.4 M226.9 M

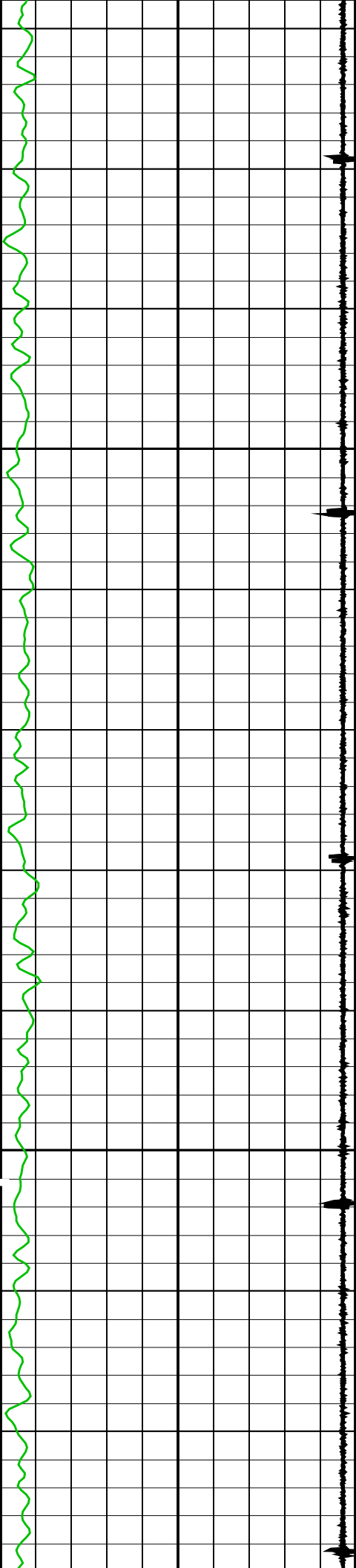
PIP SUMMARY

Time Mark Every 60 S



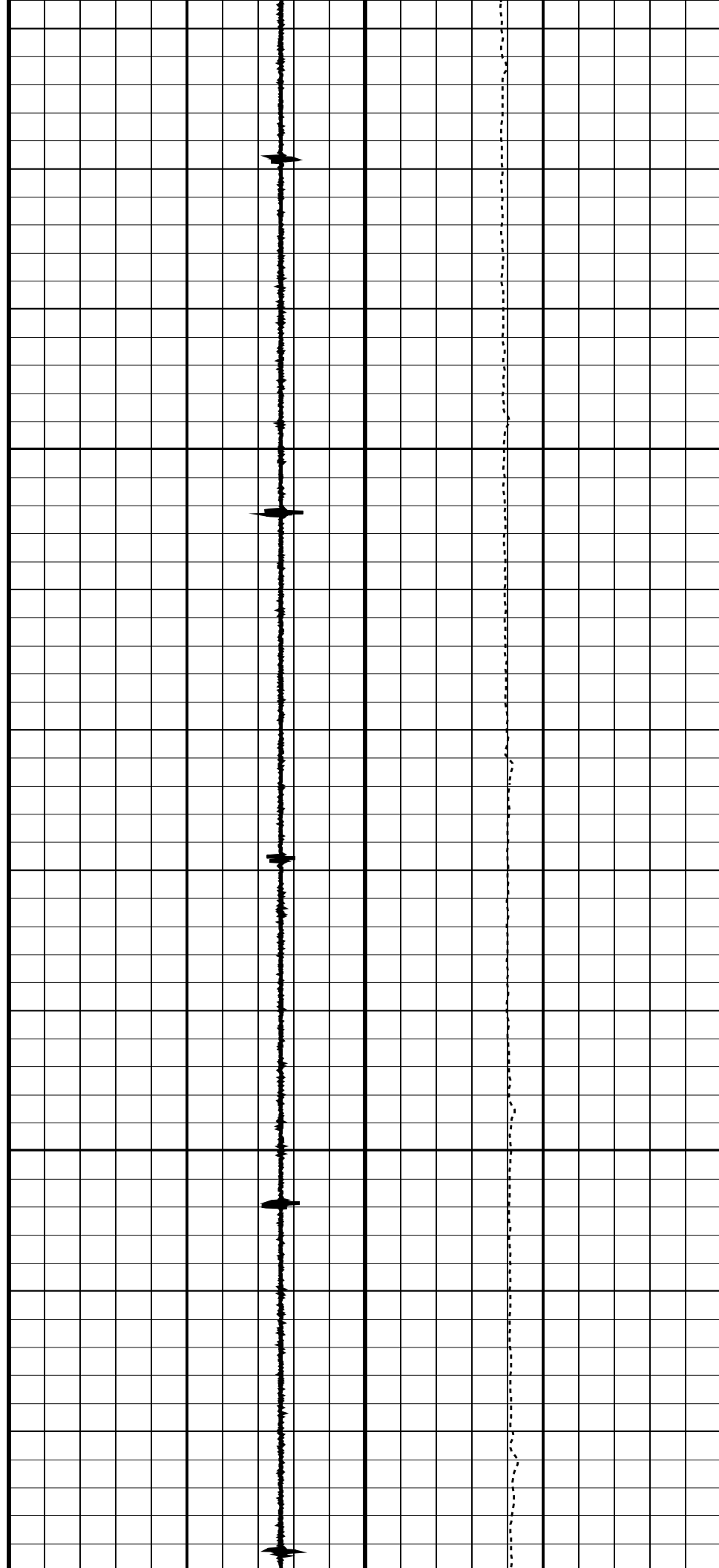


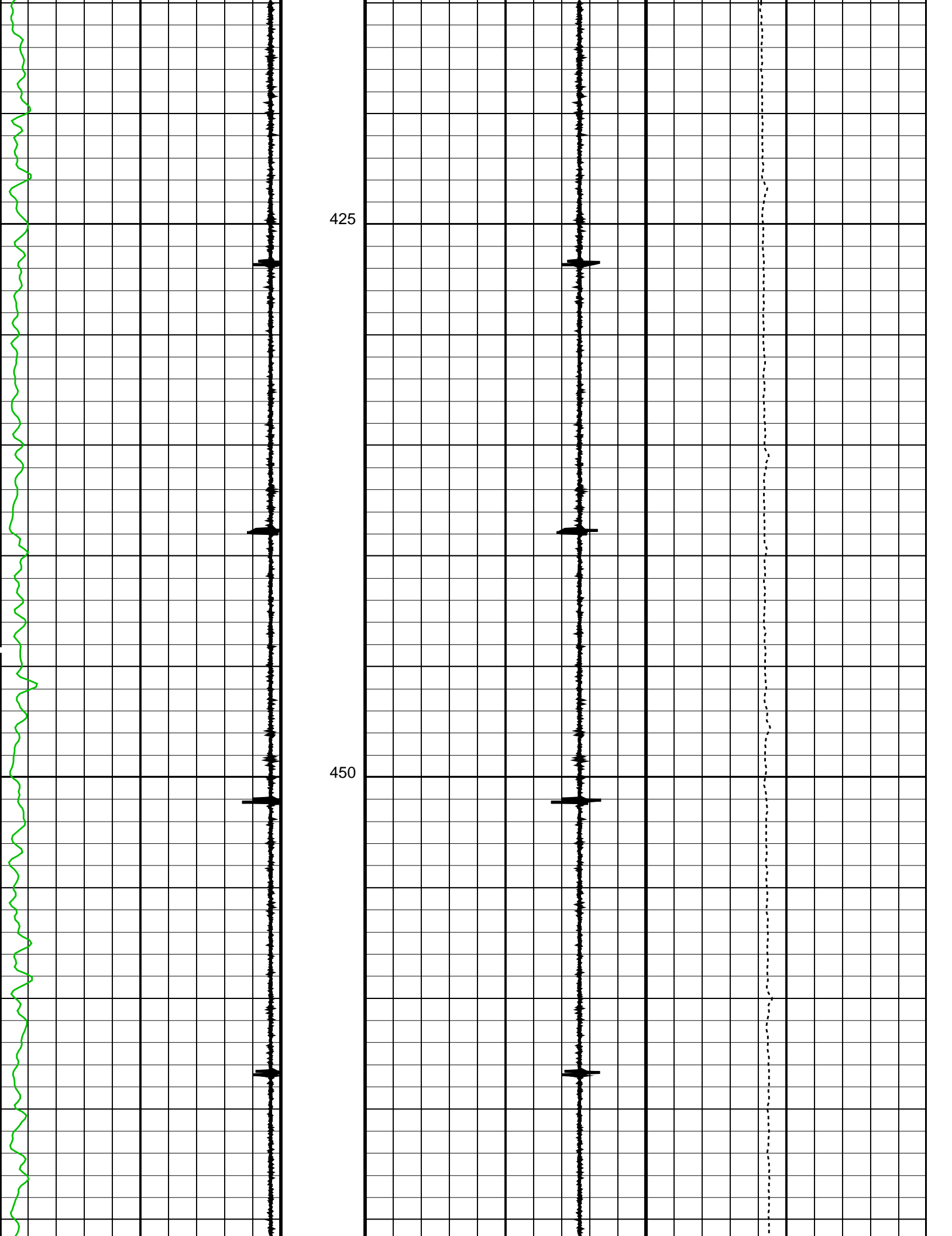


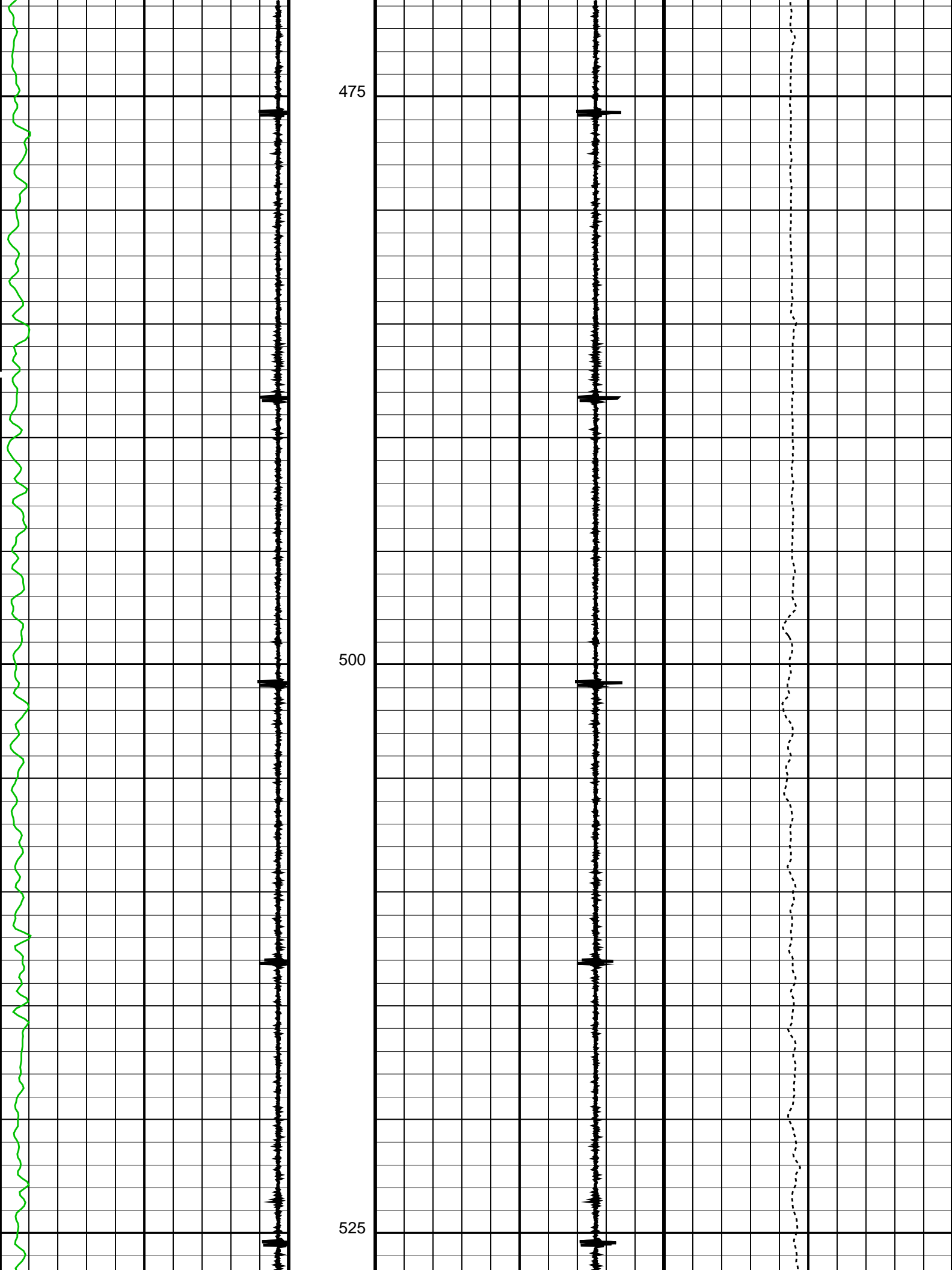


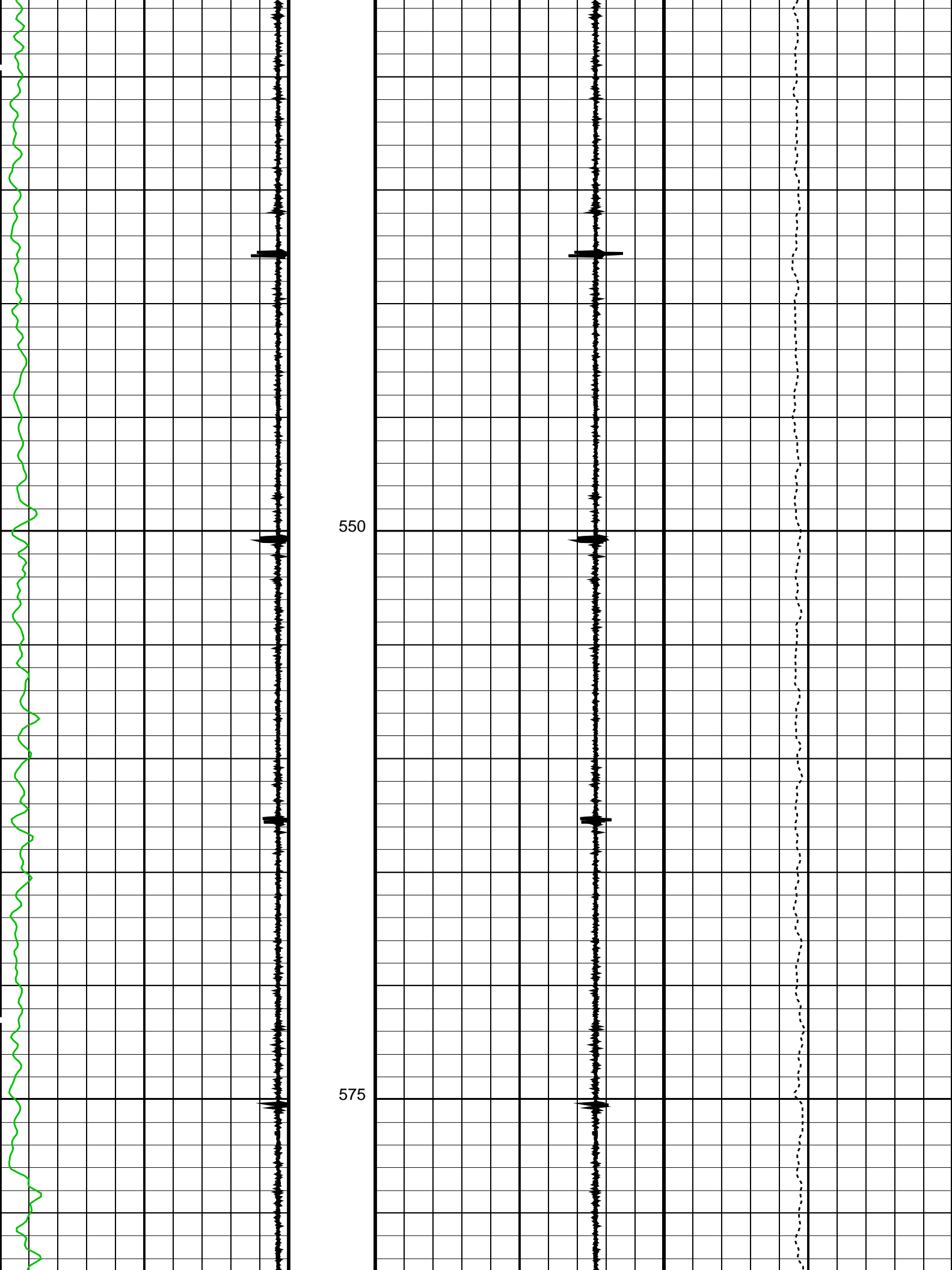
375

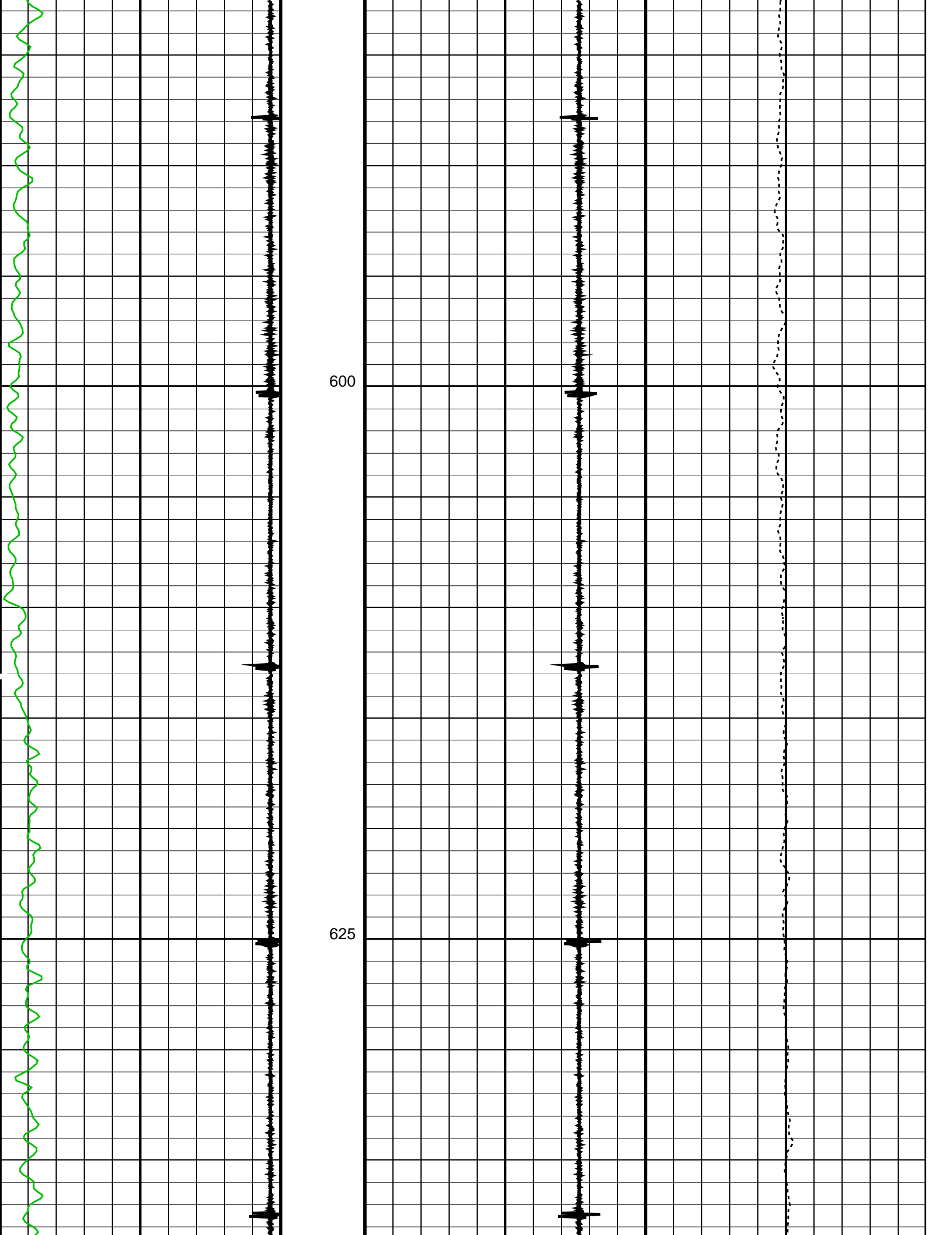
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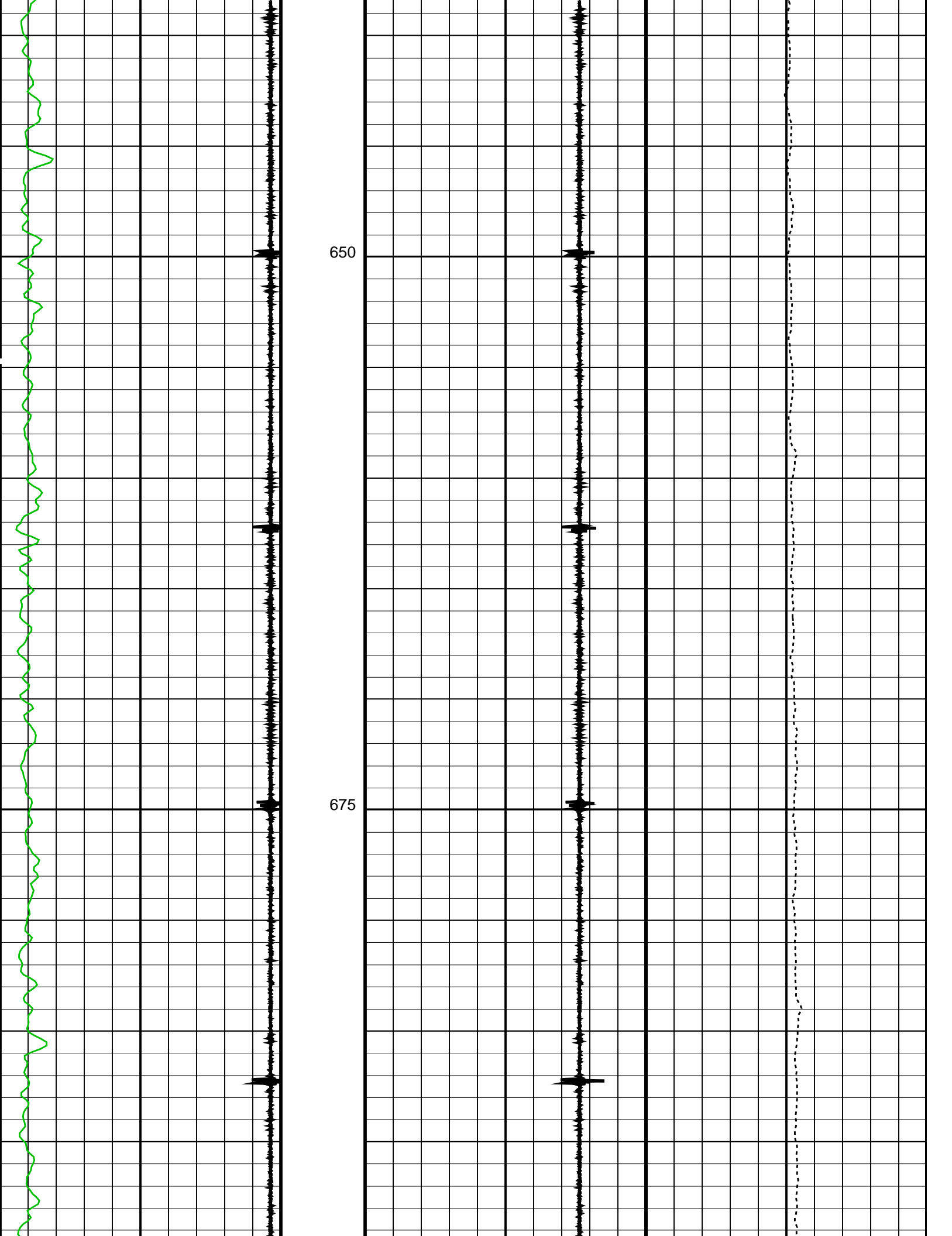


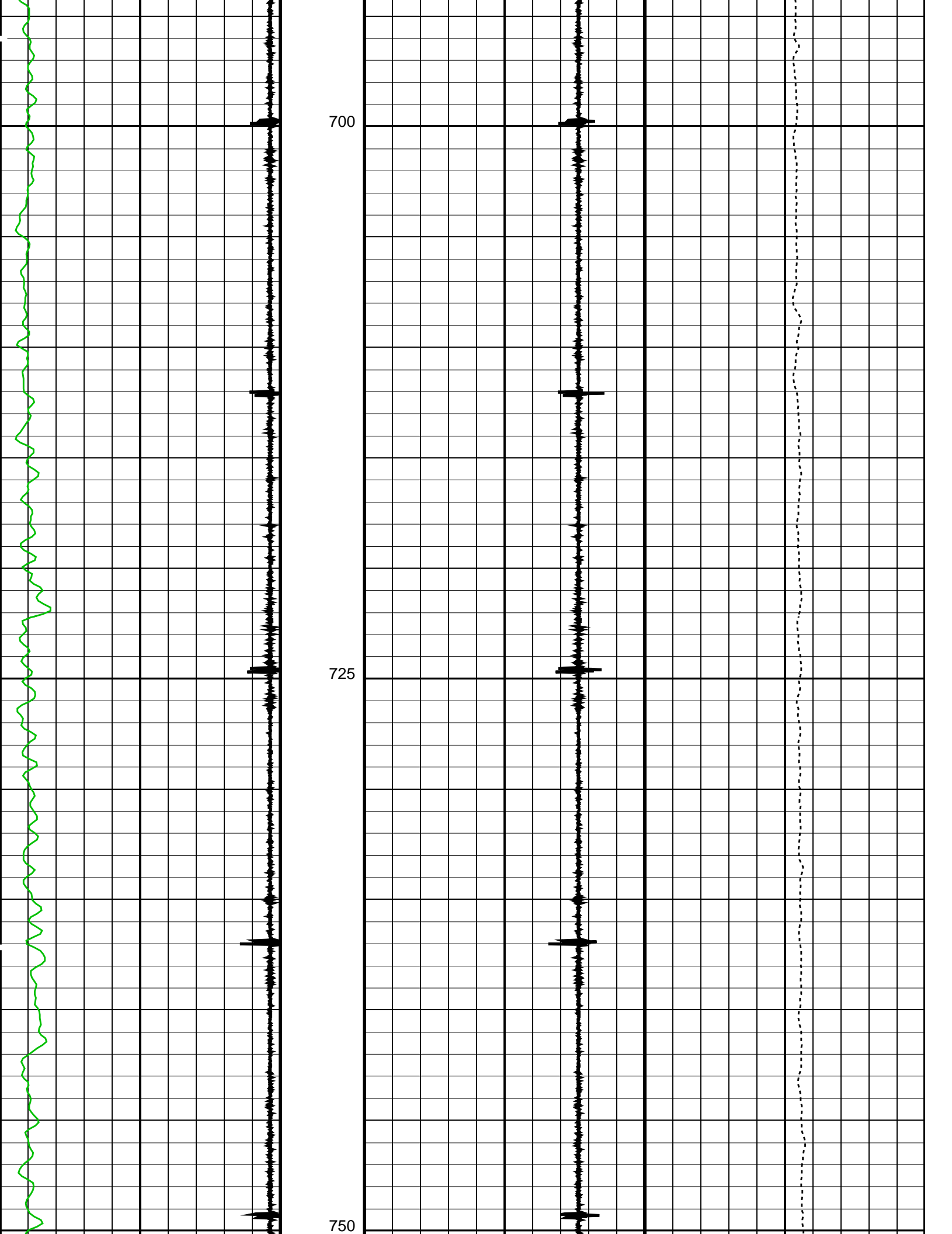


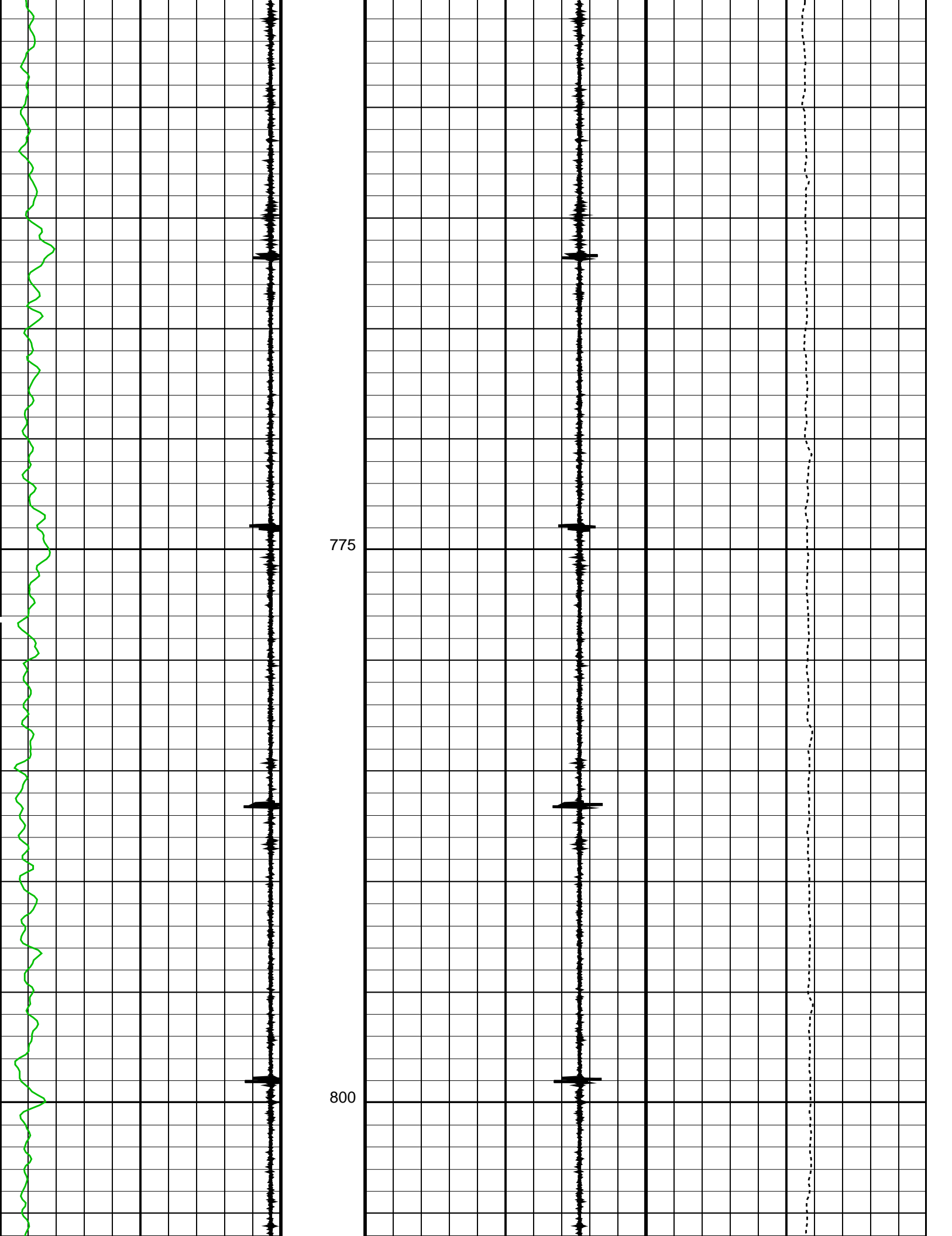


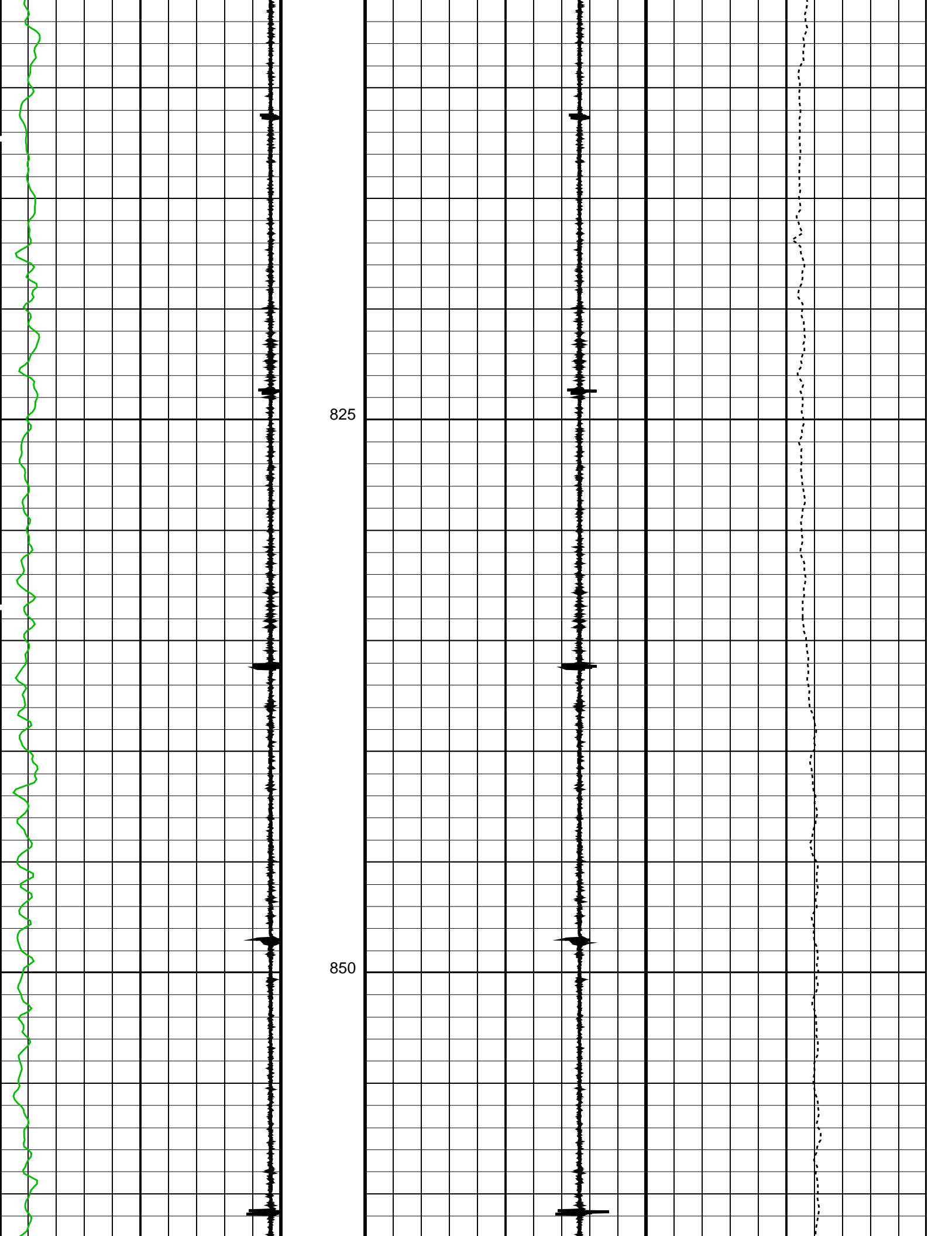


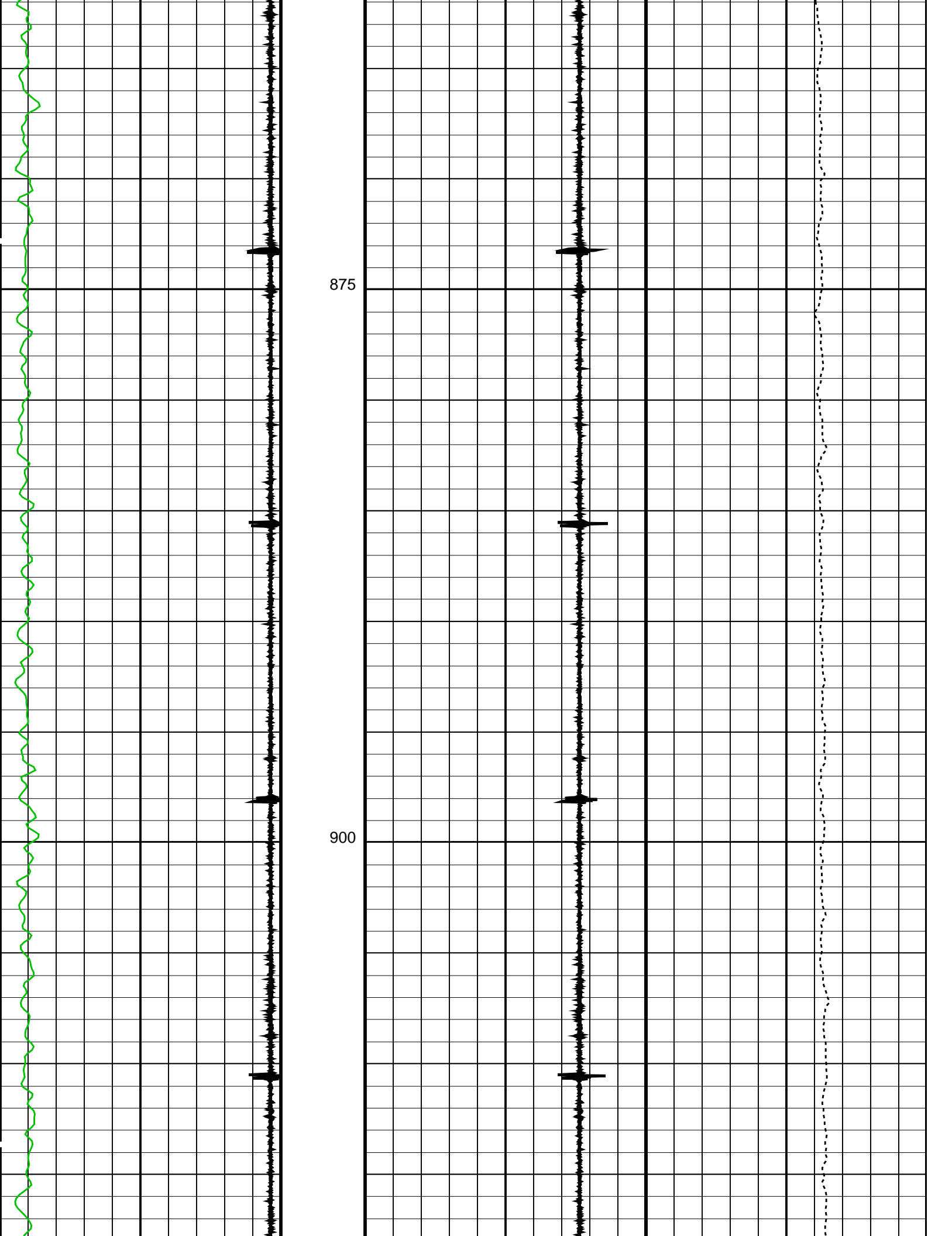


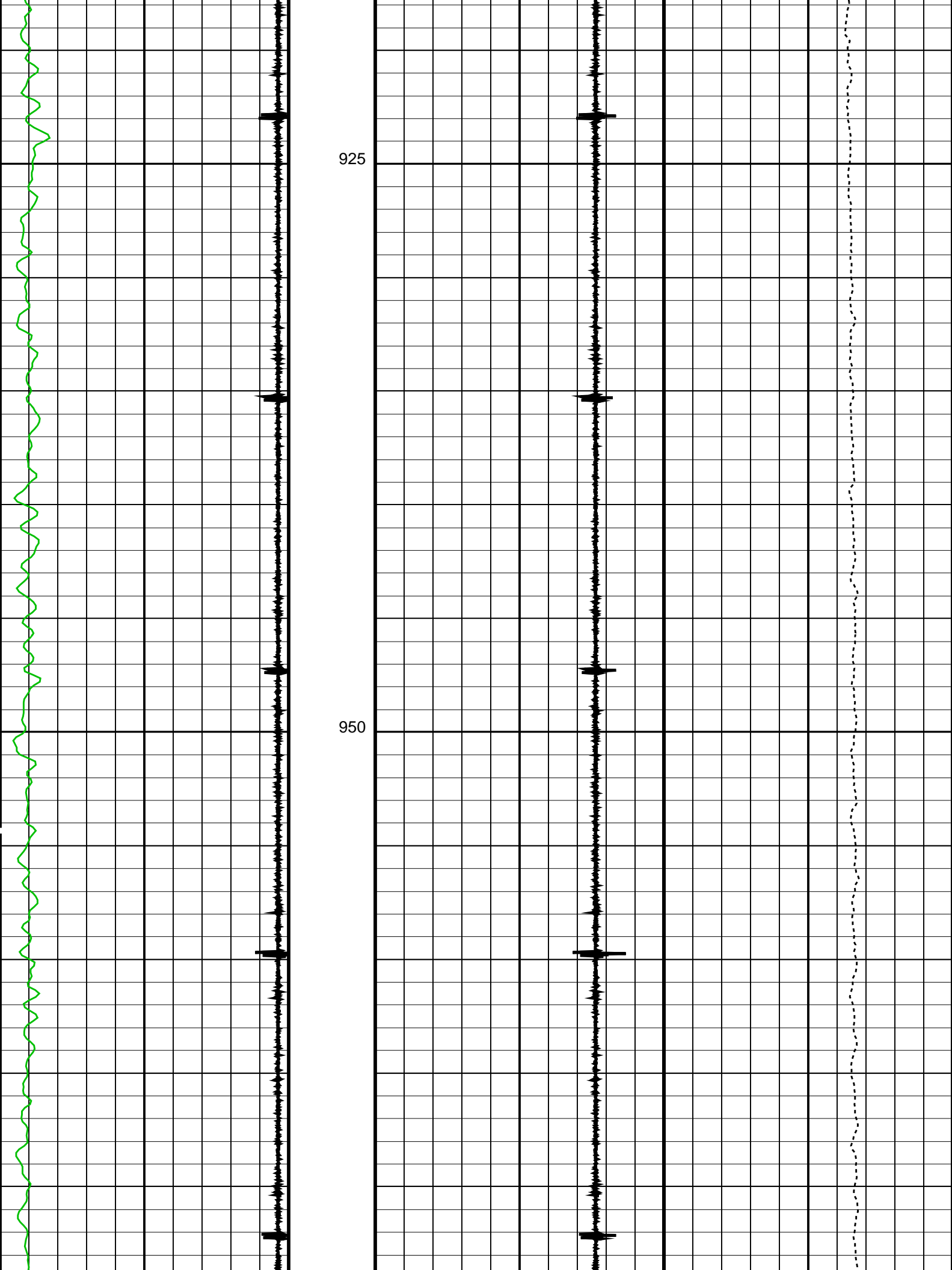


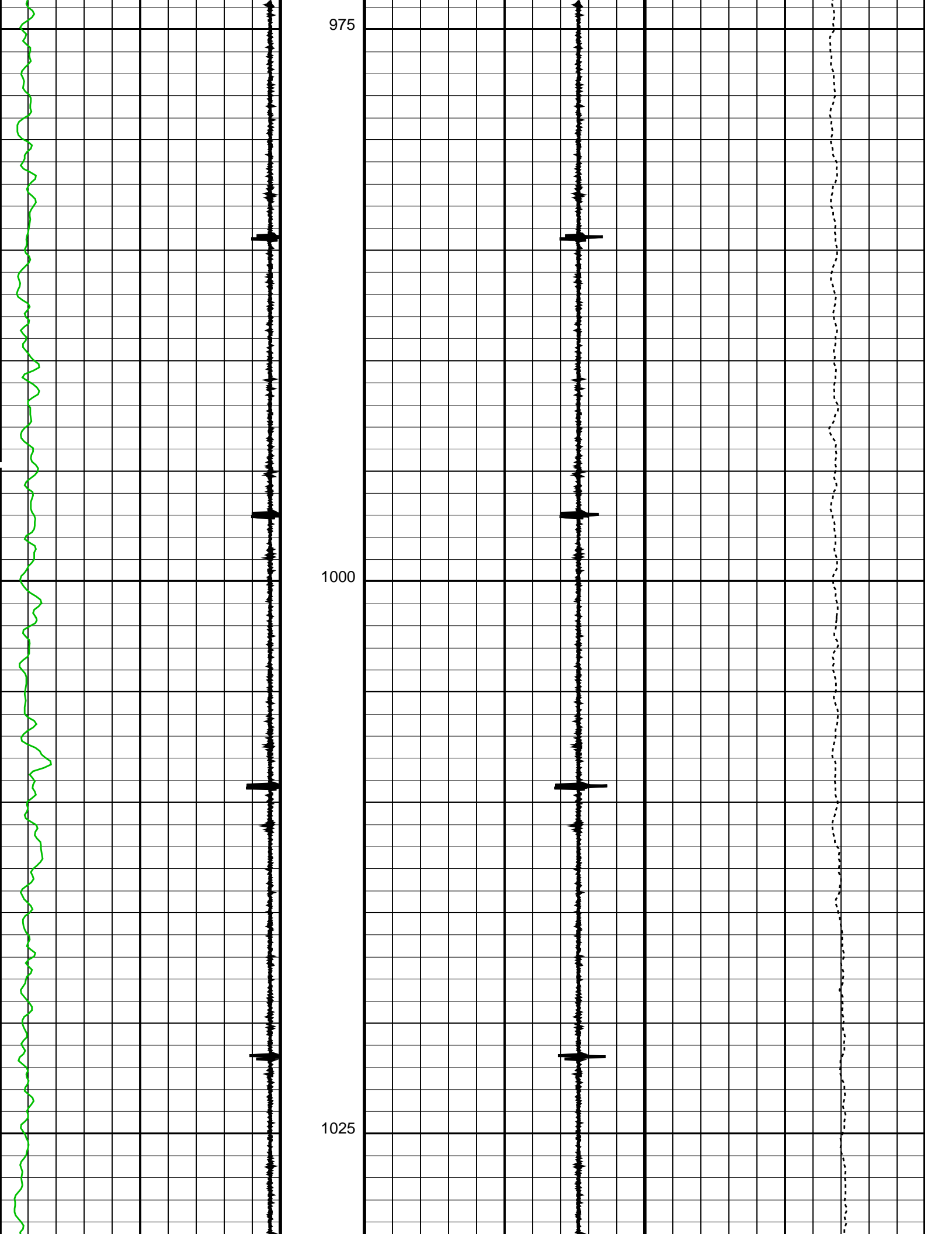


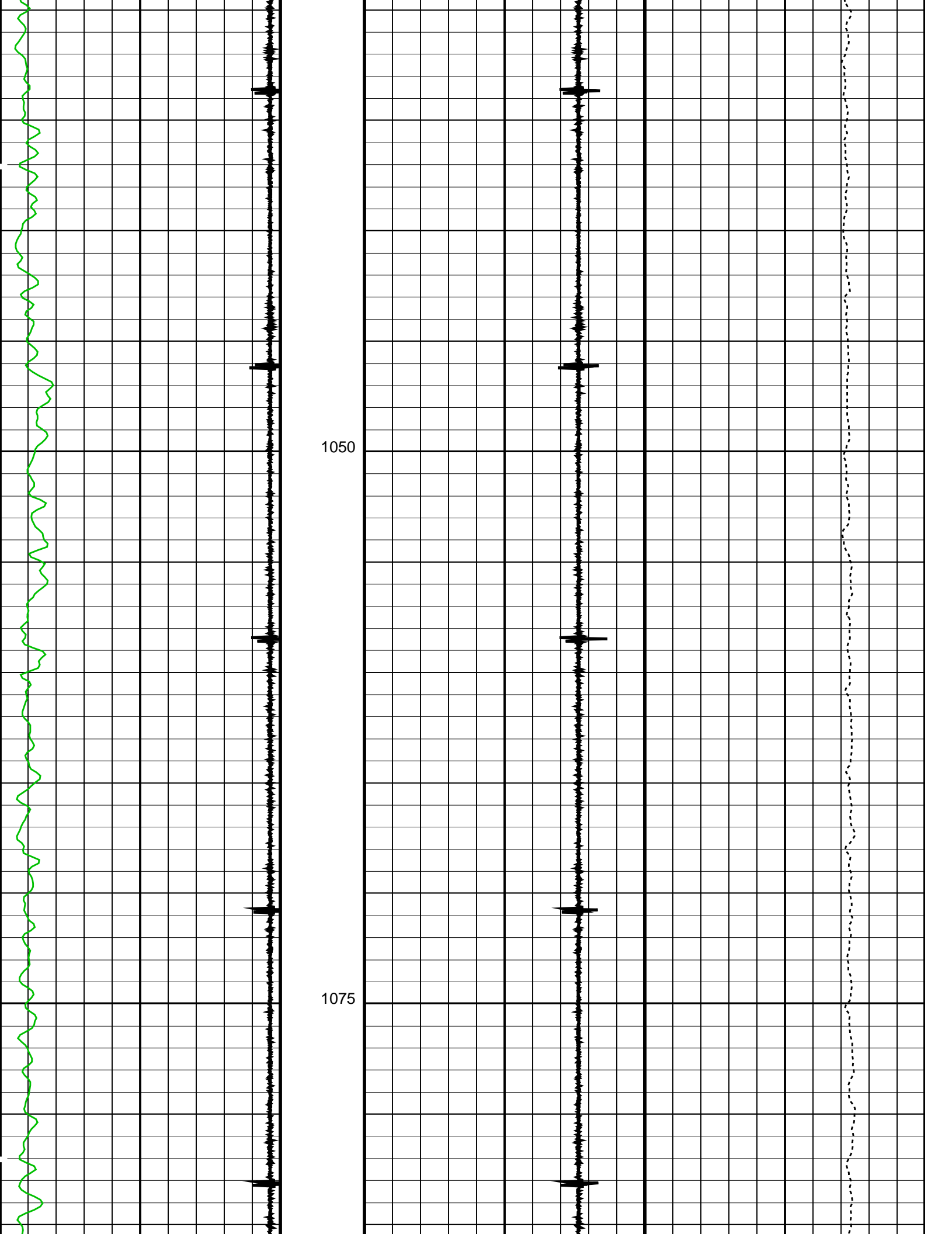


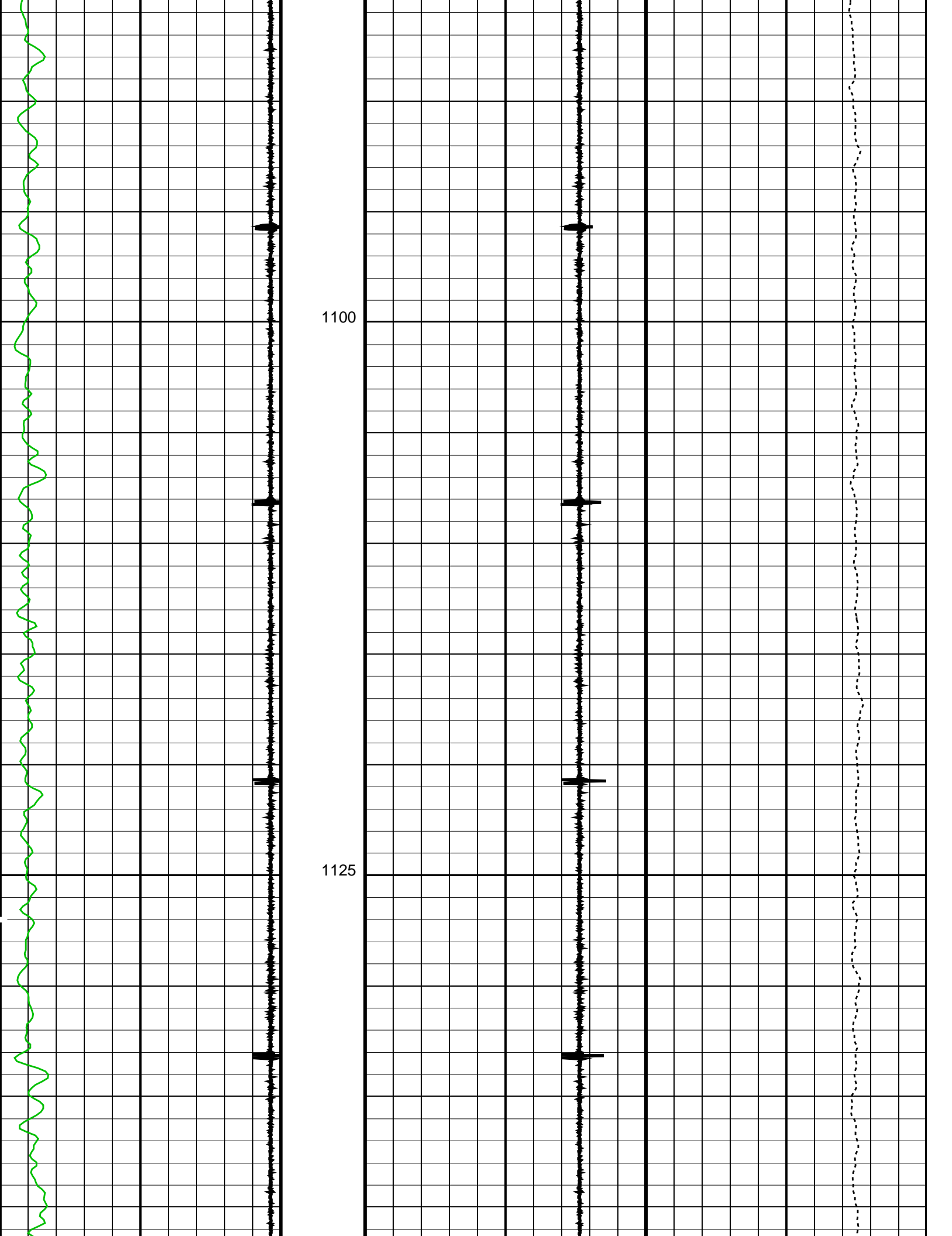


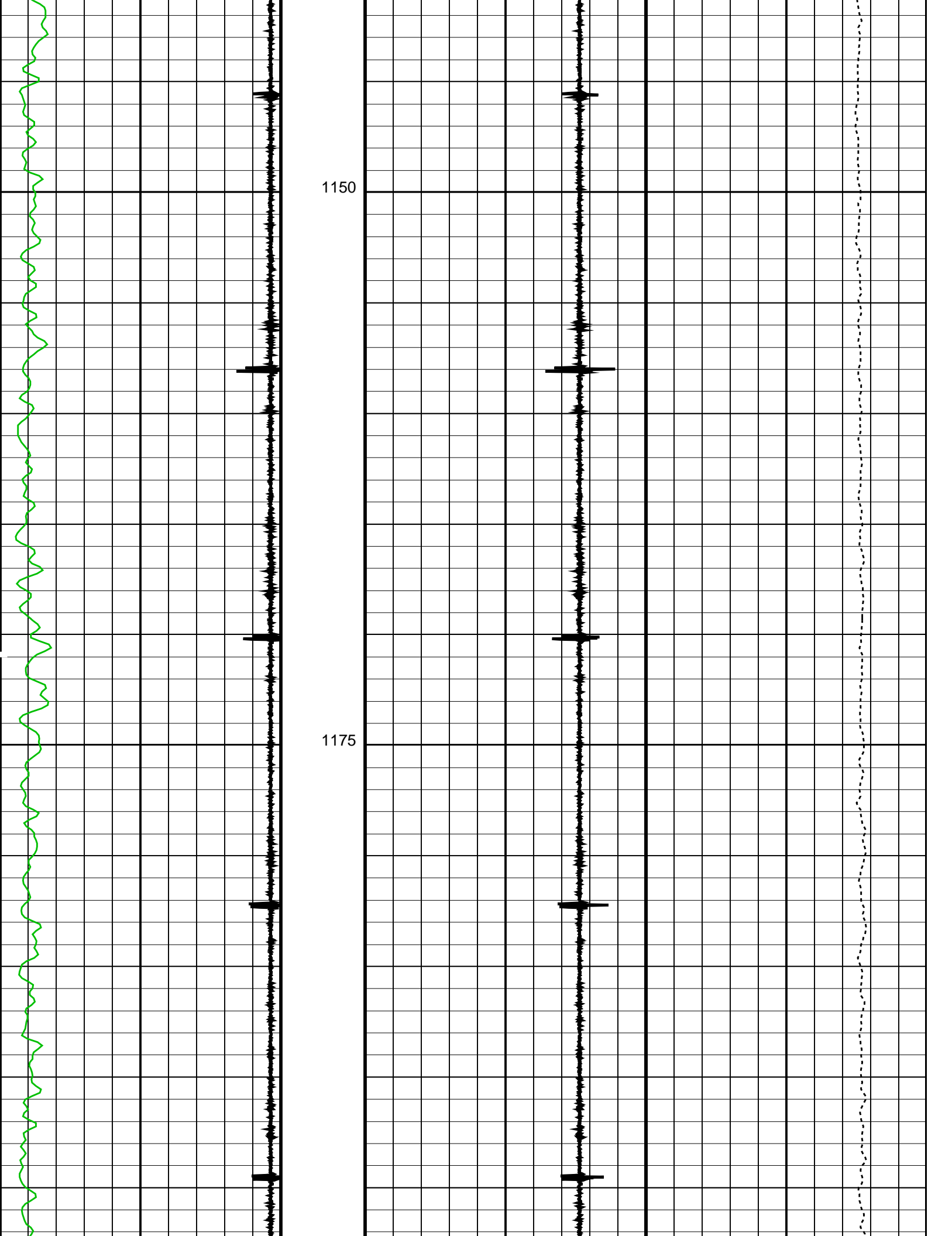


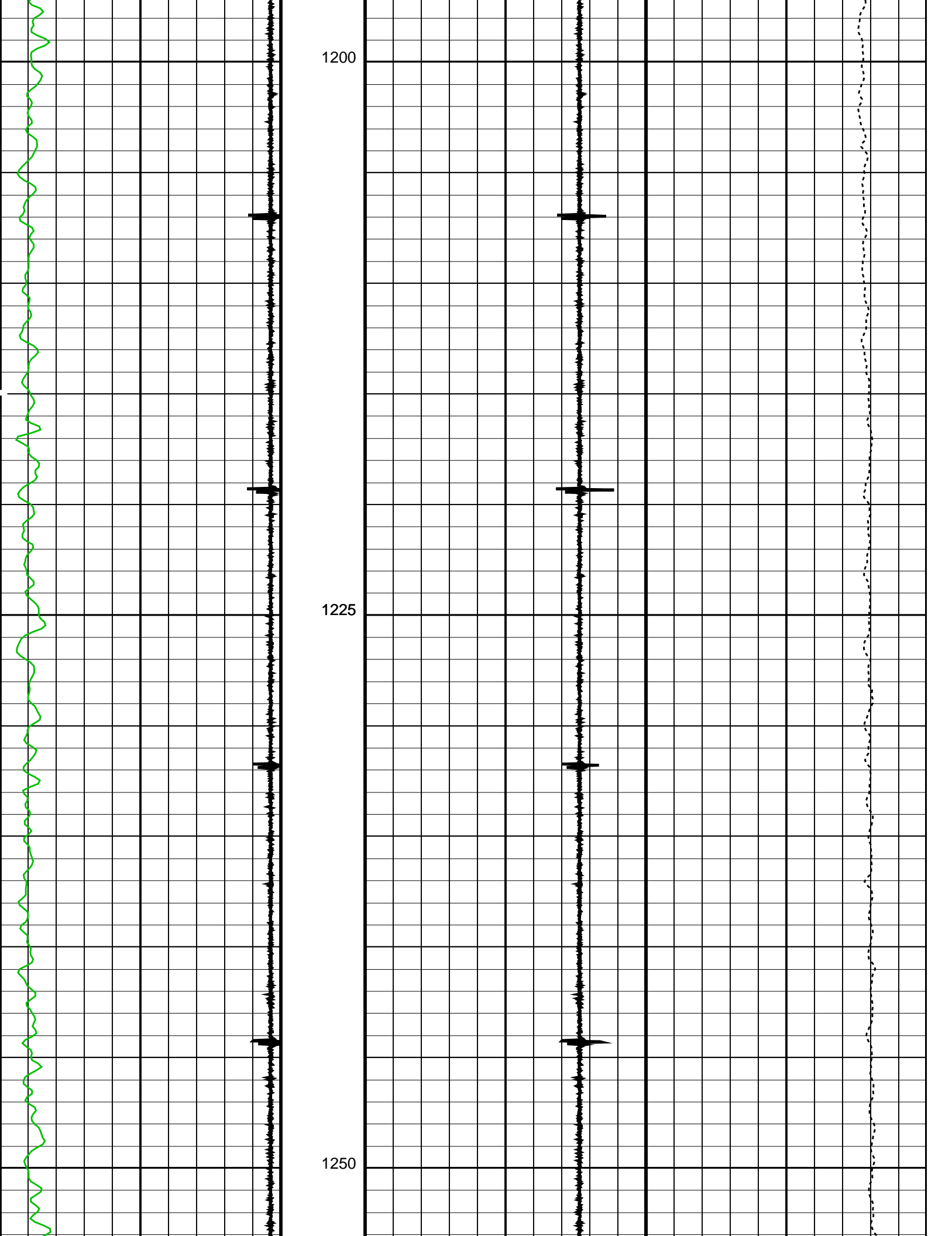


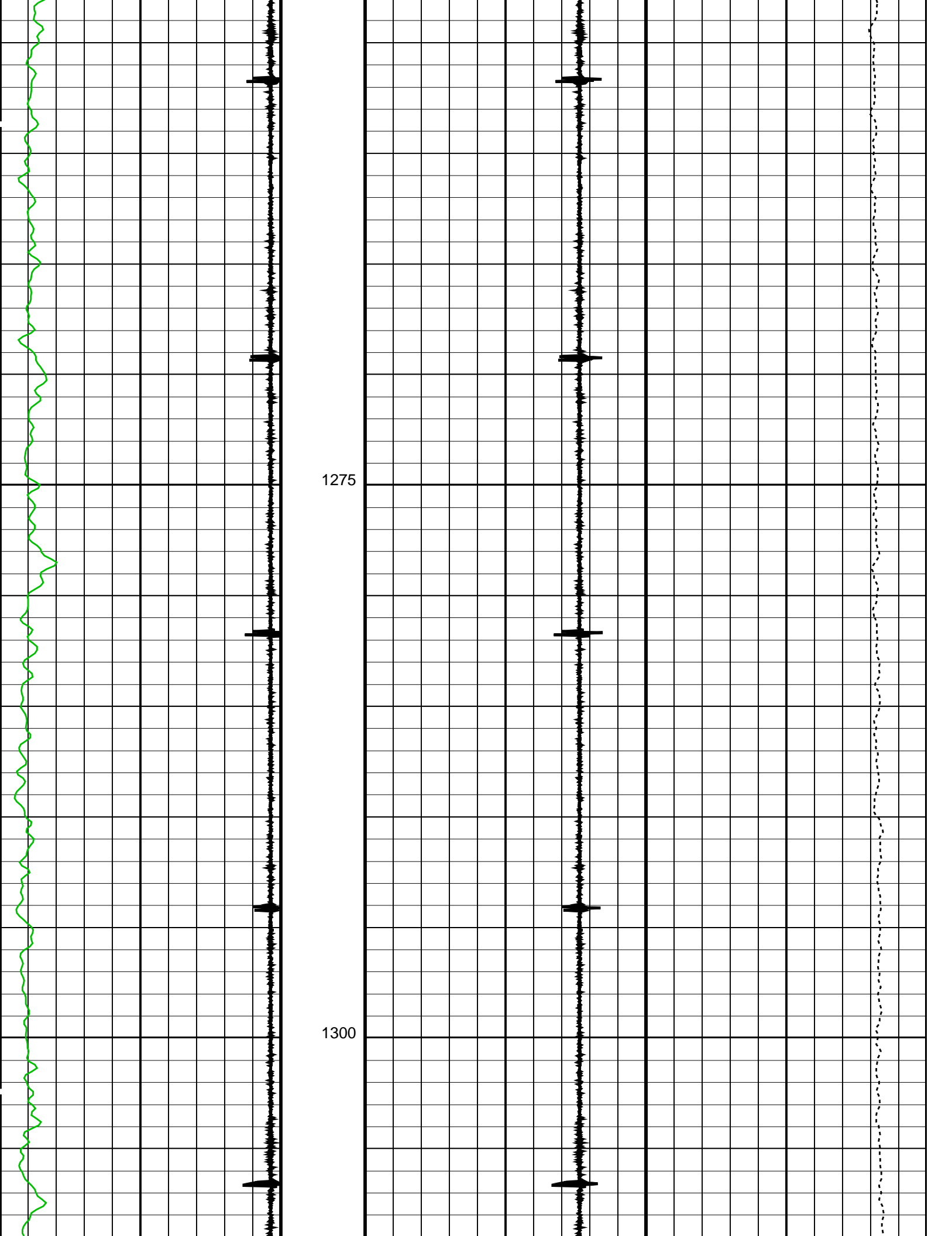


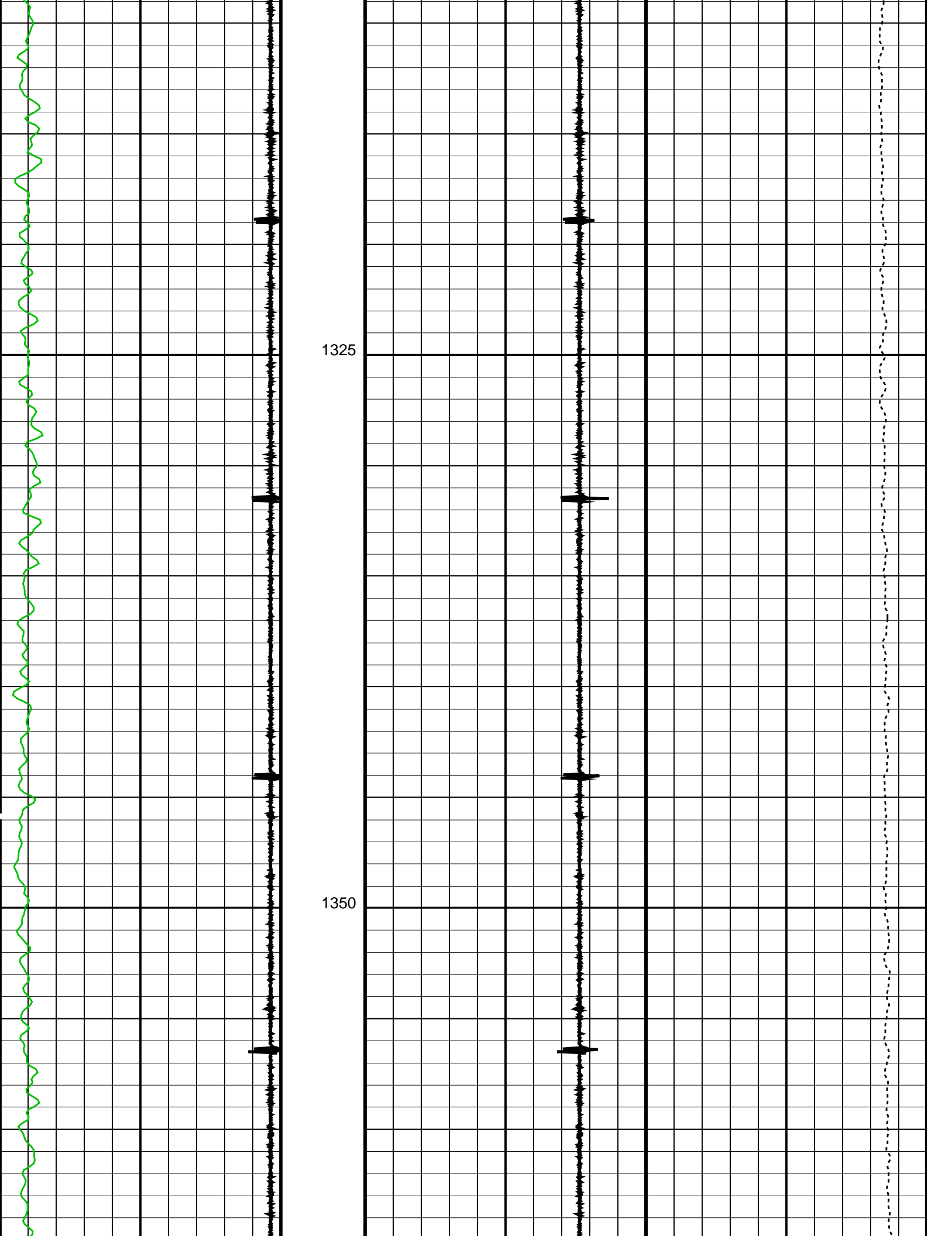


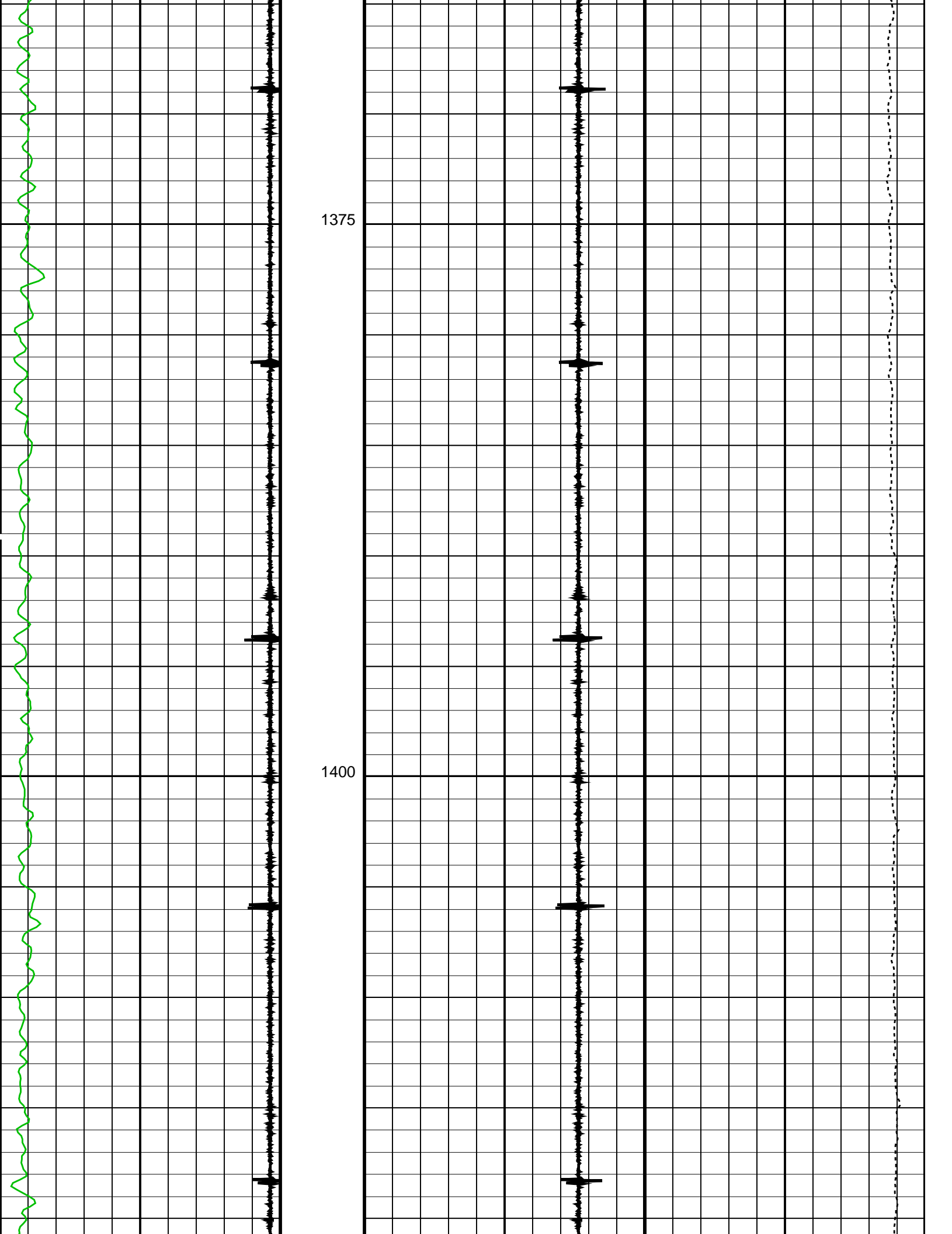


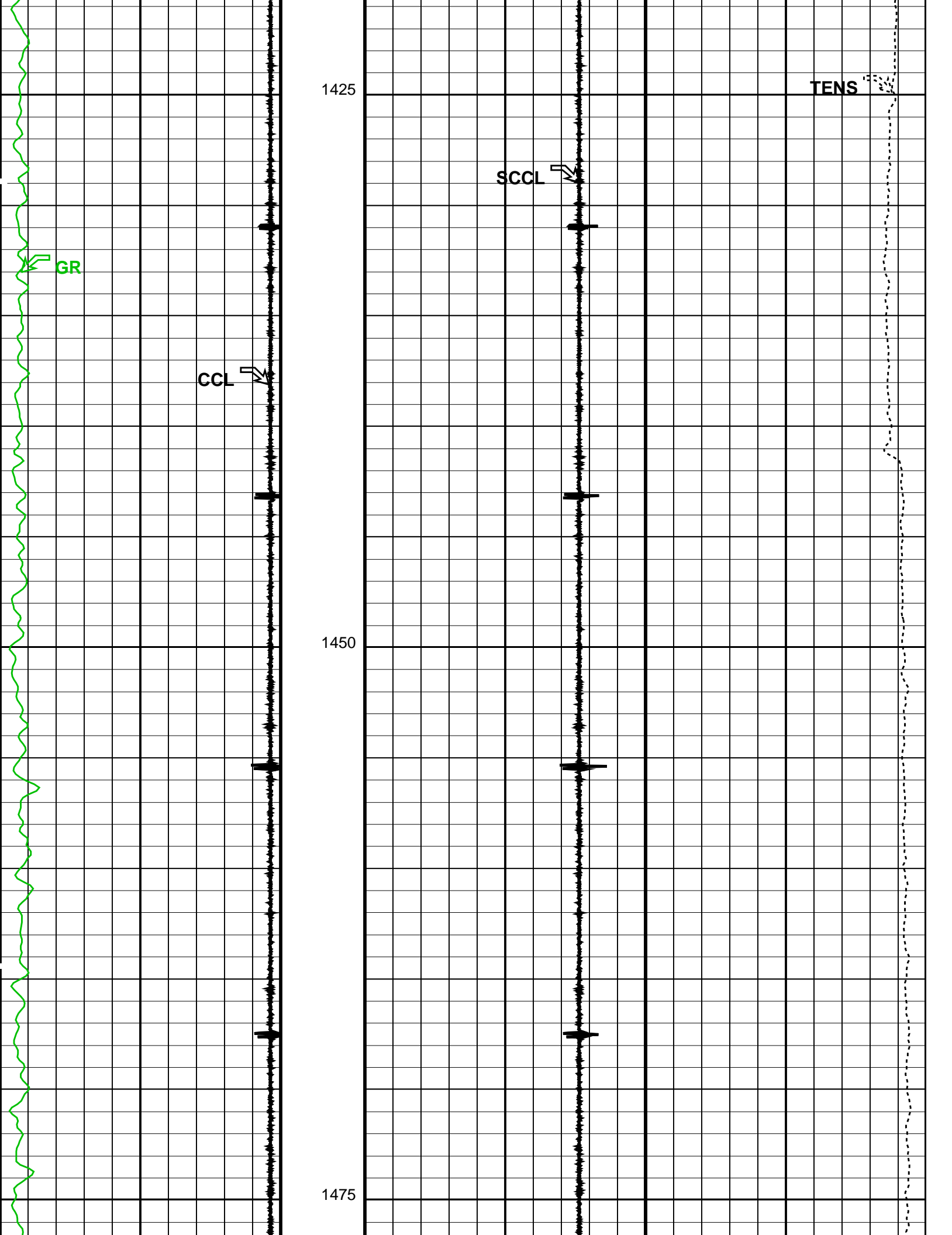


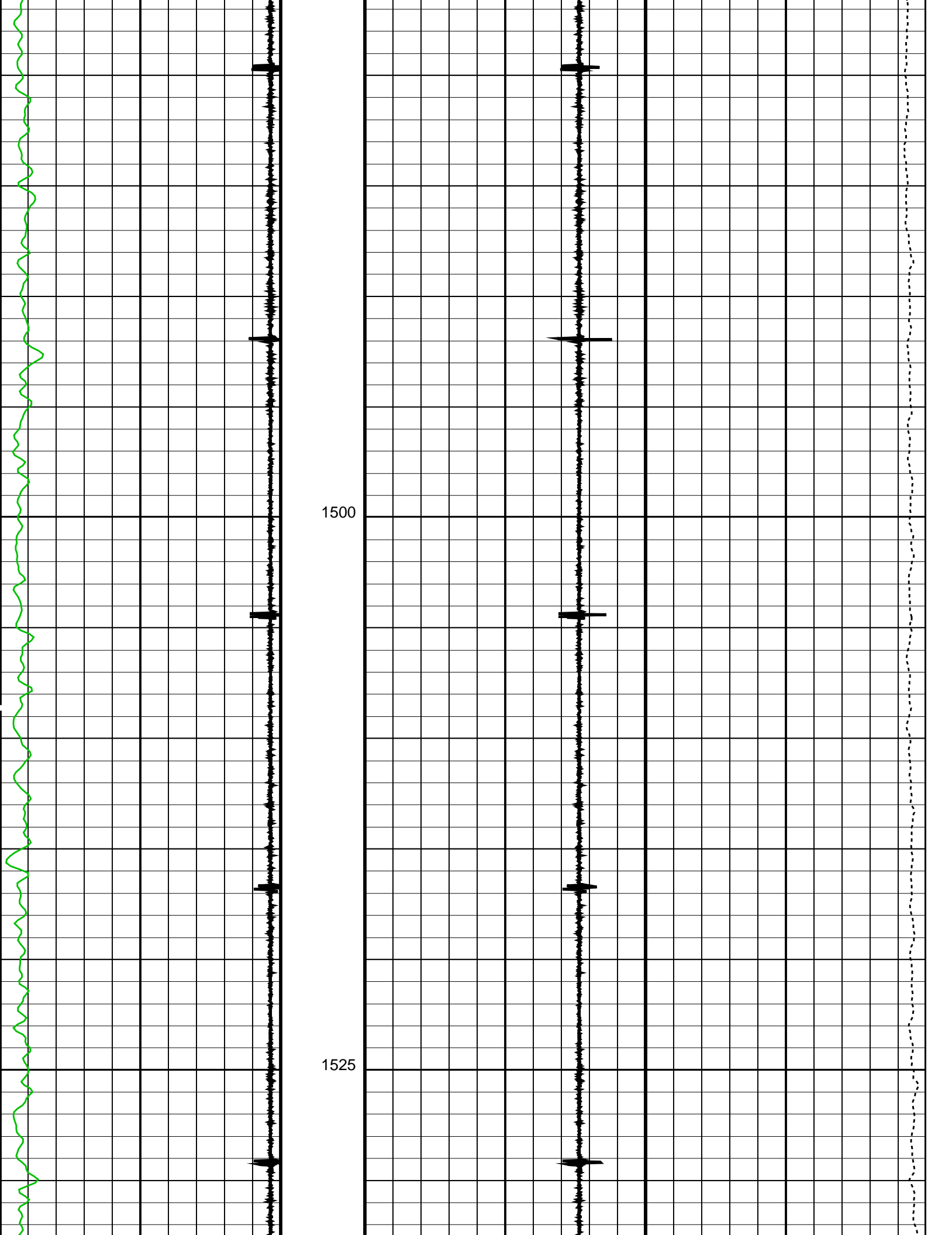


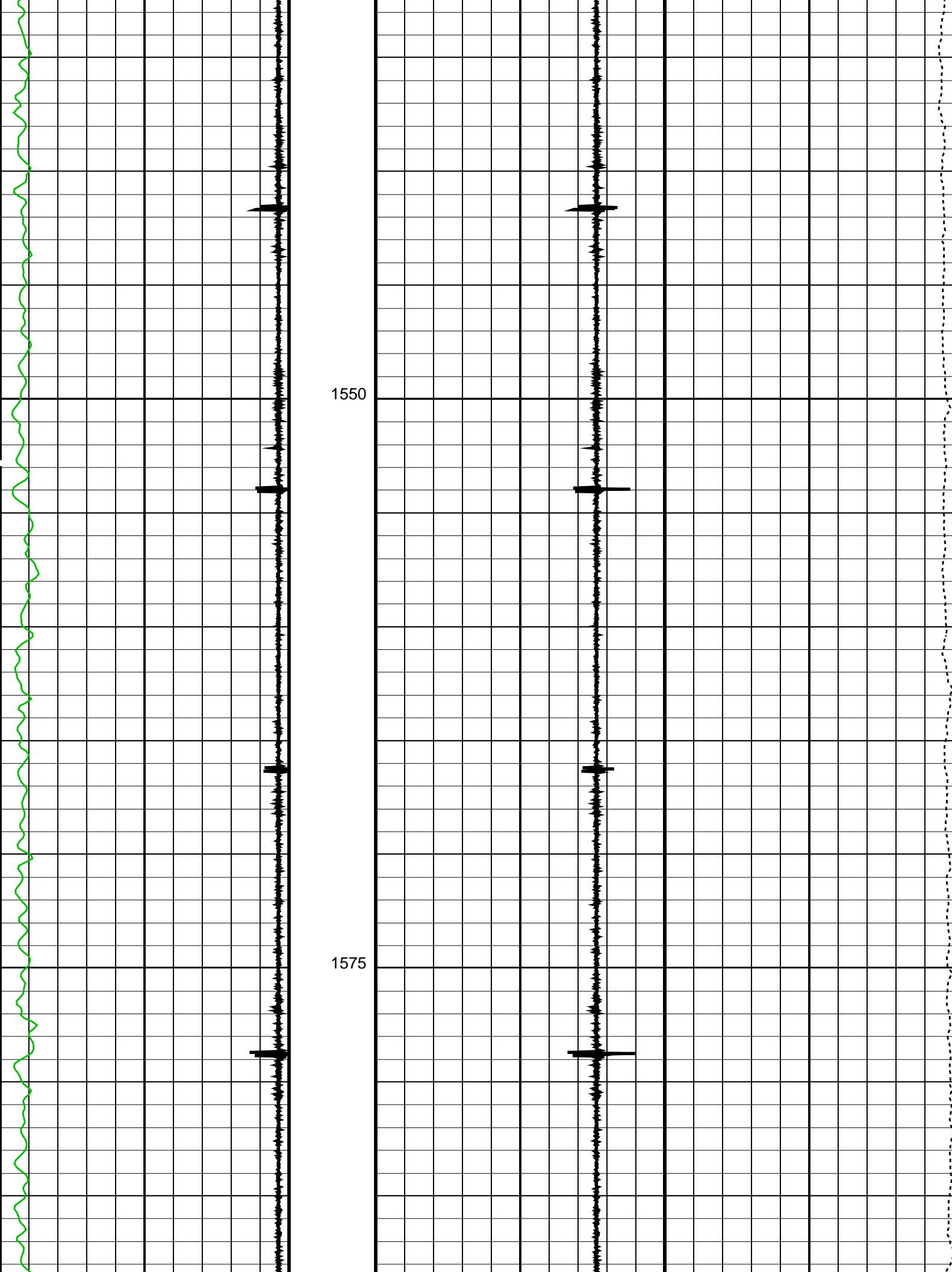


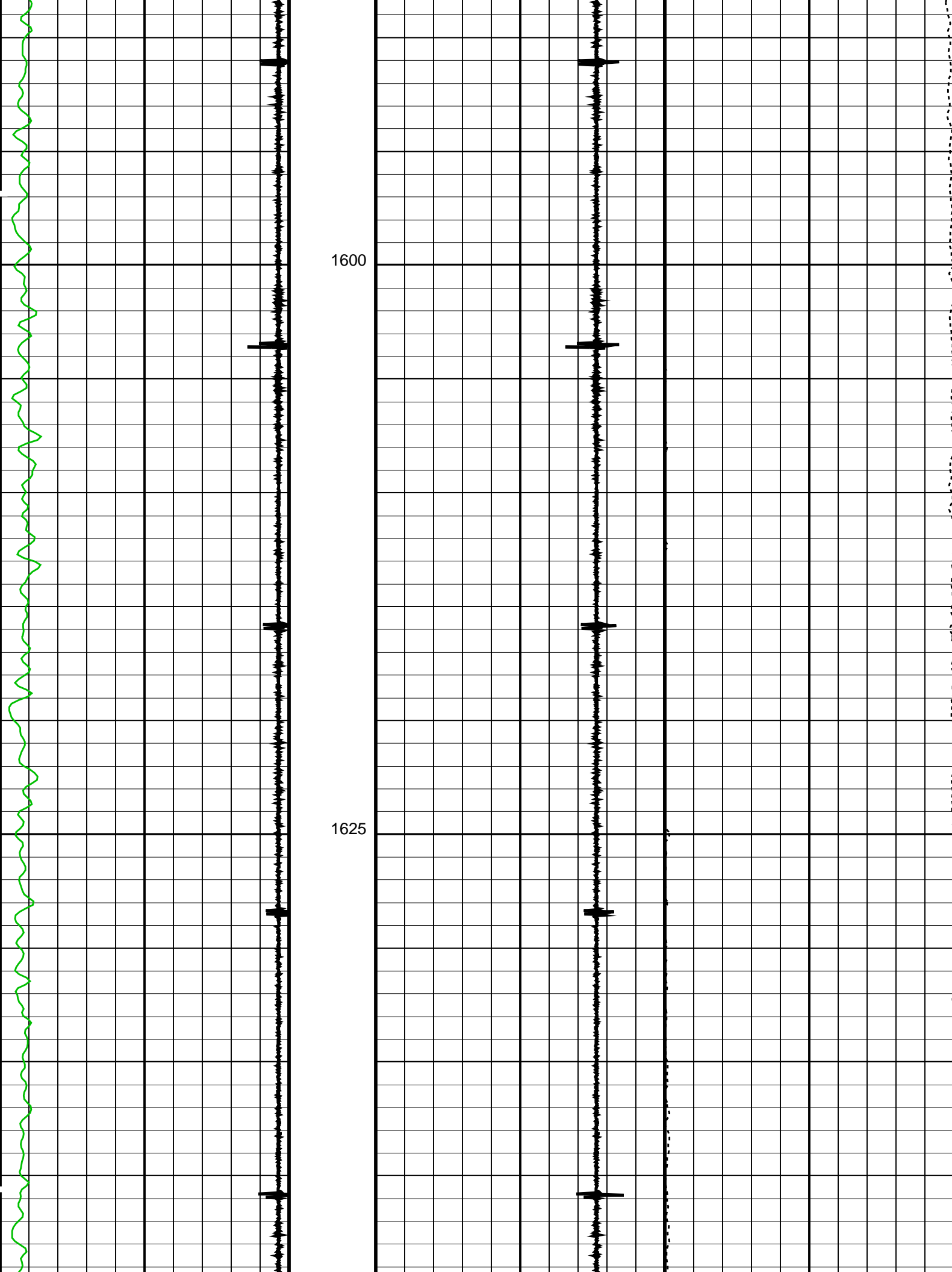


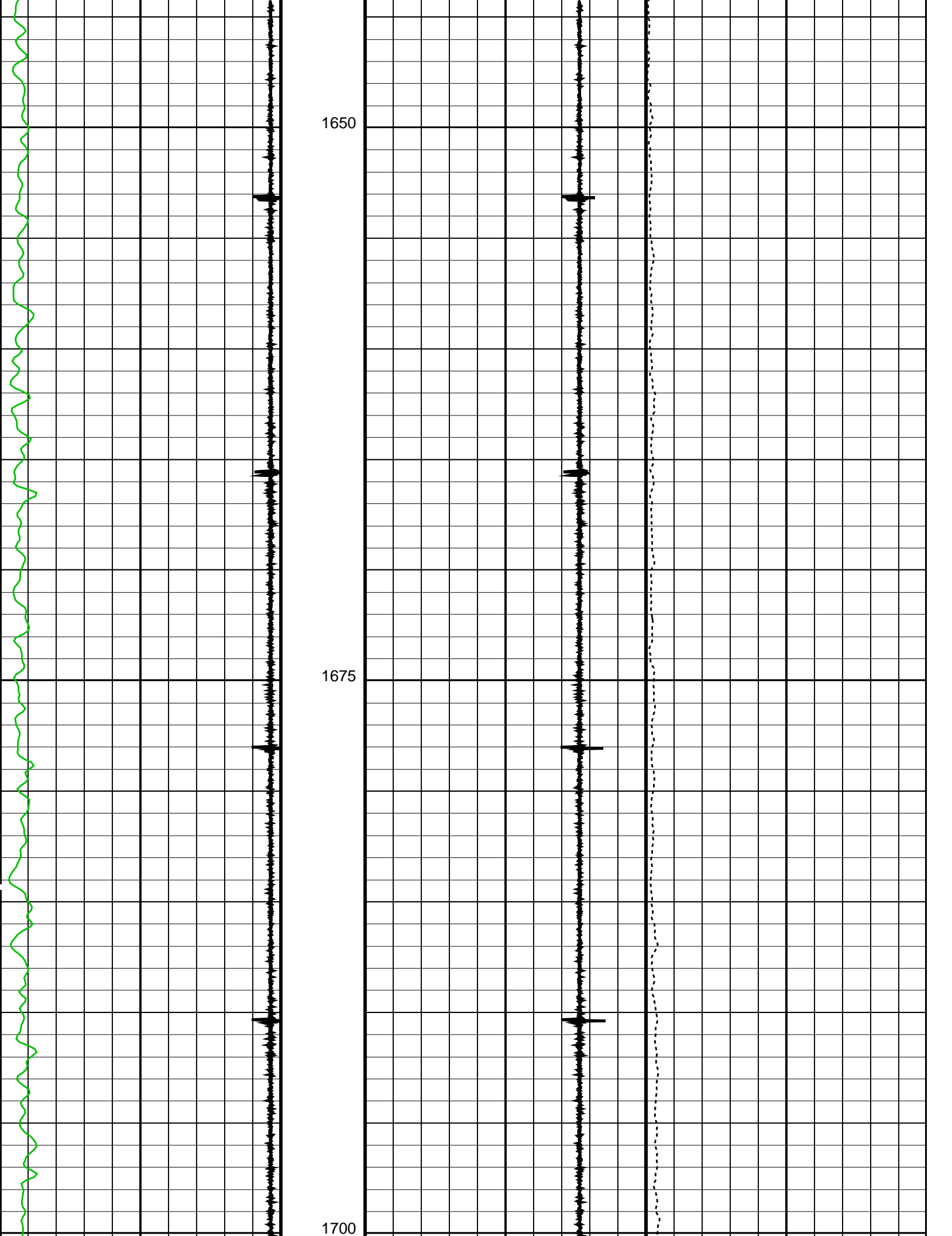


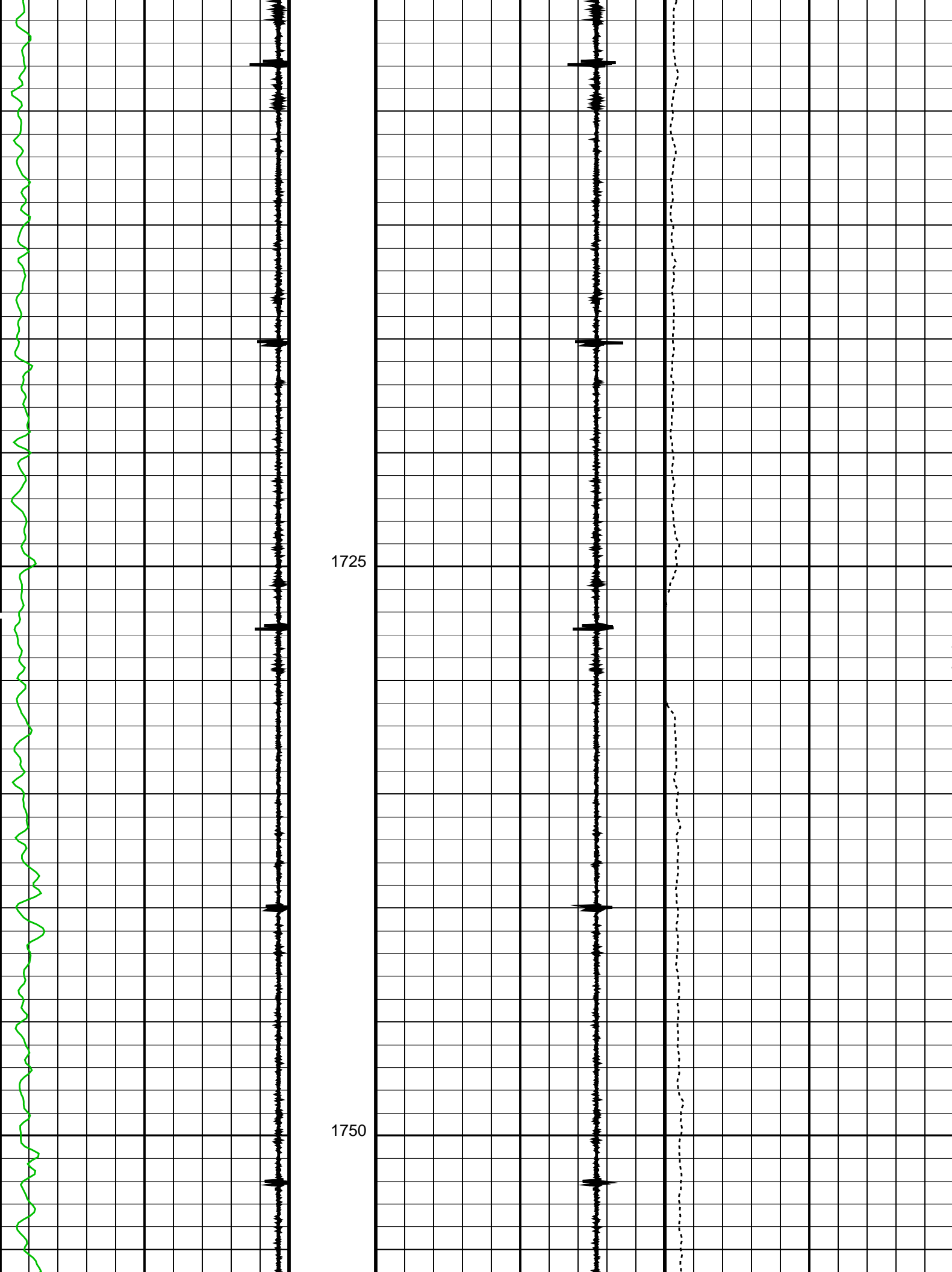


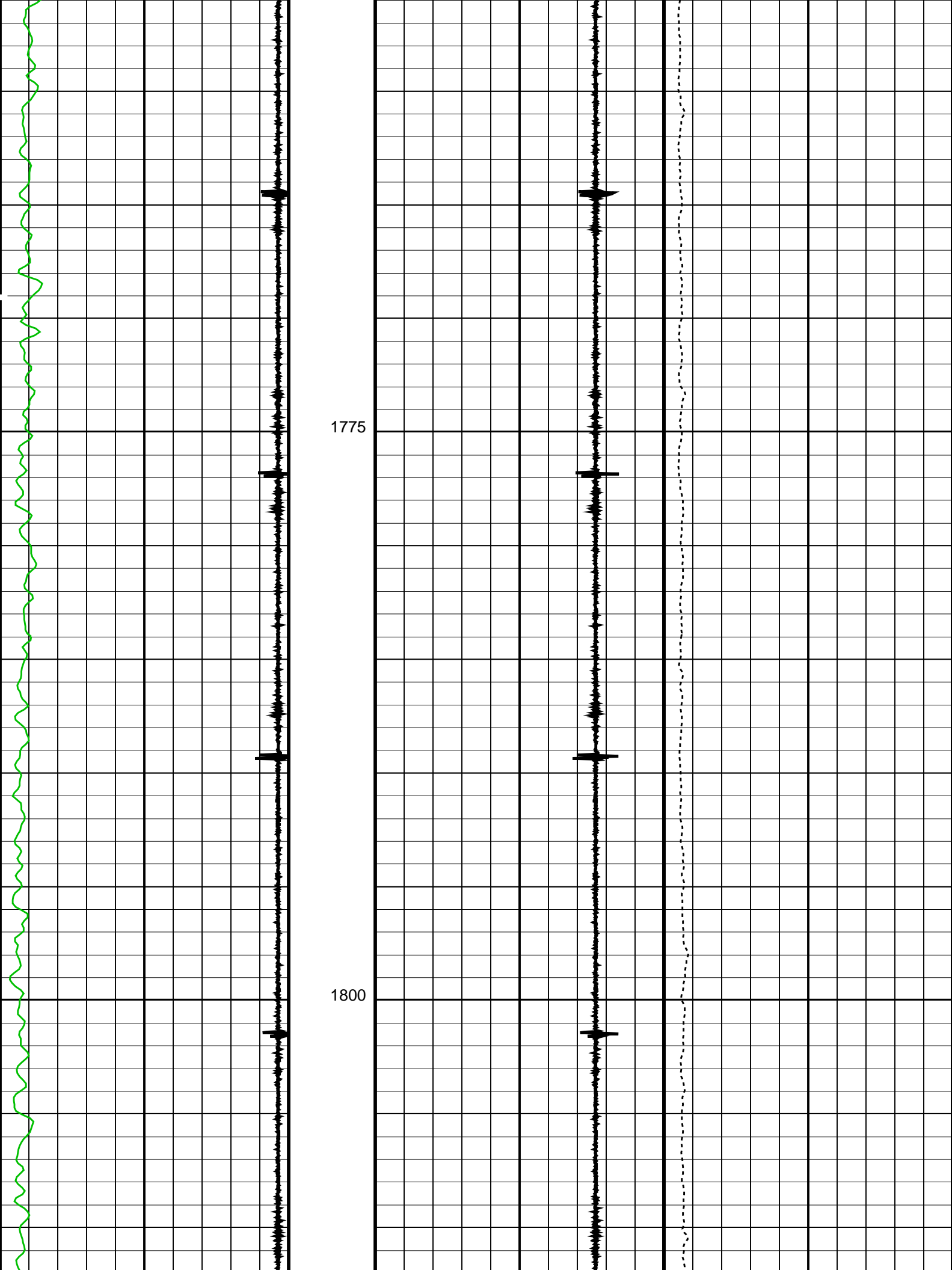


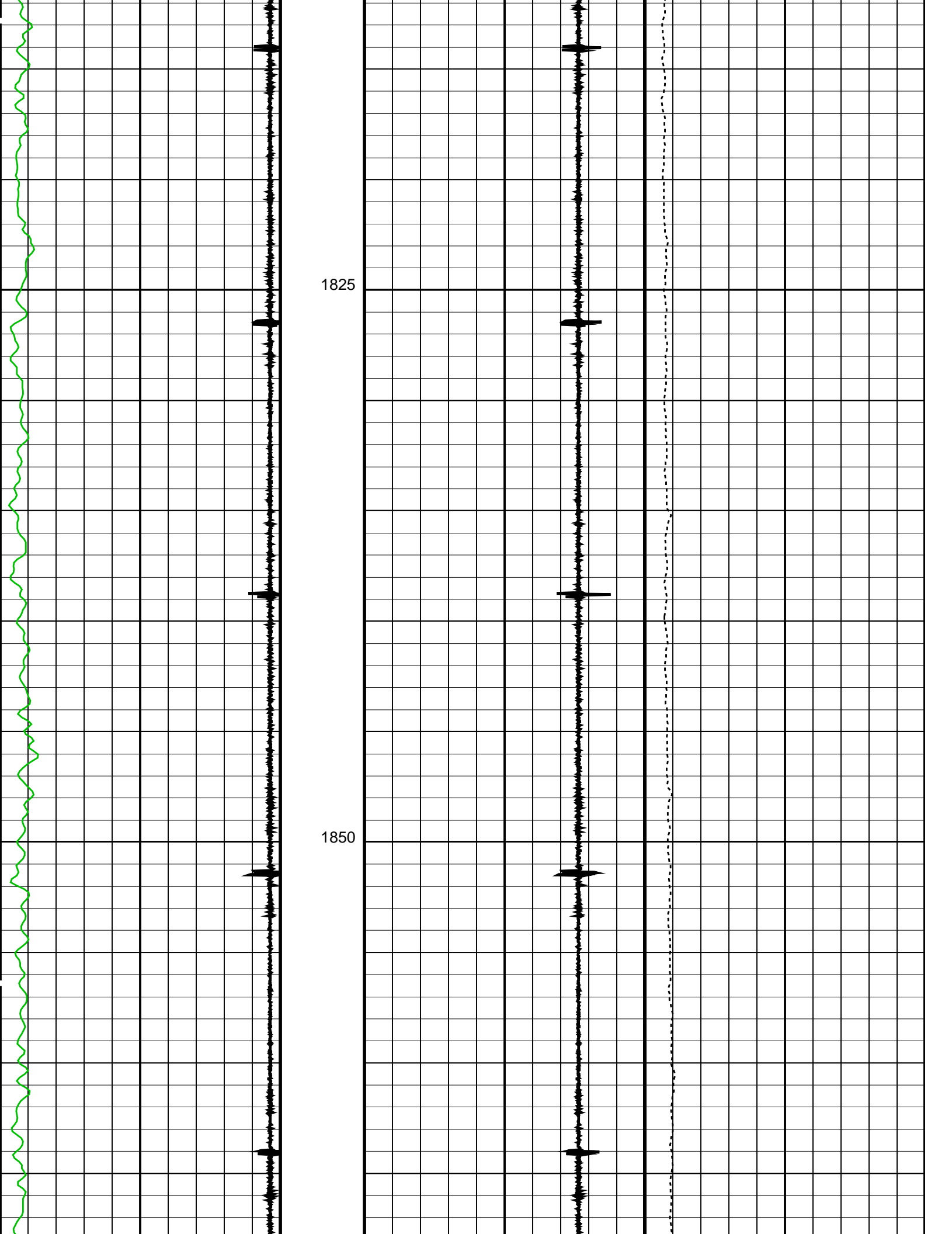


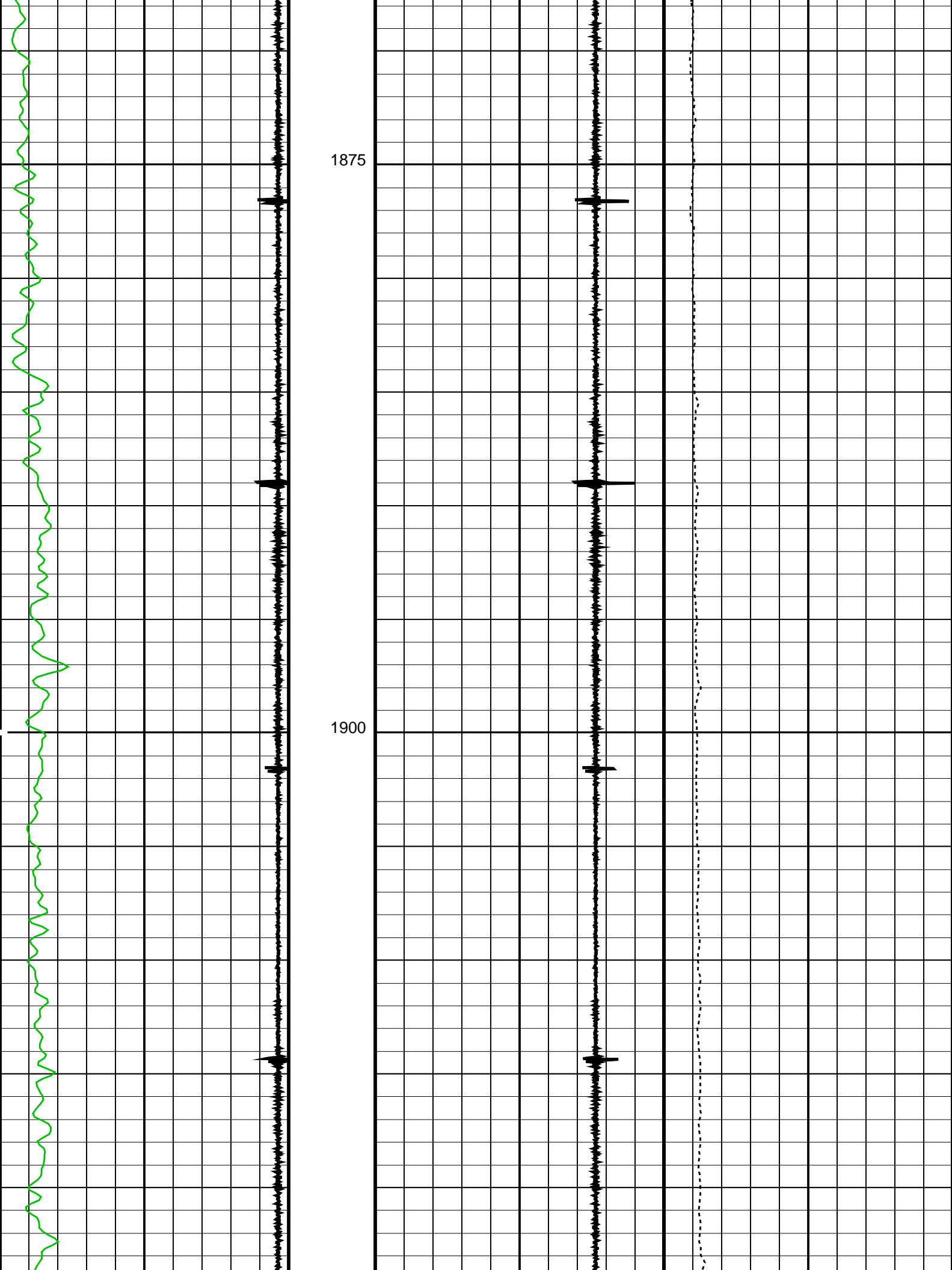


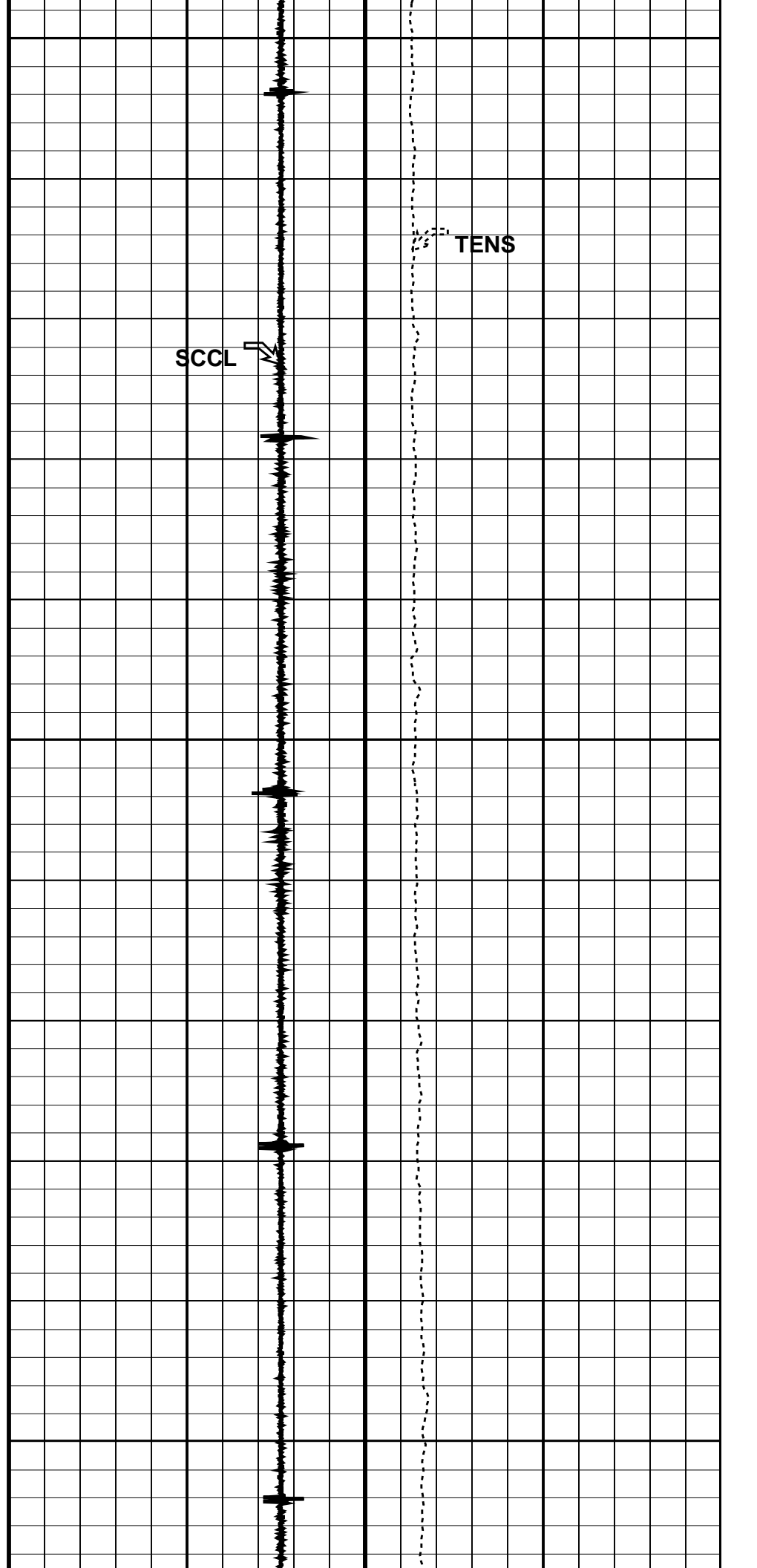
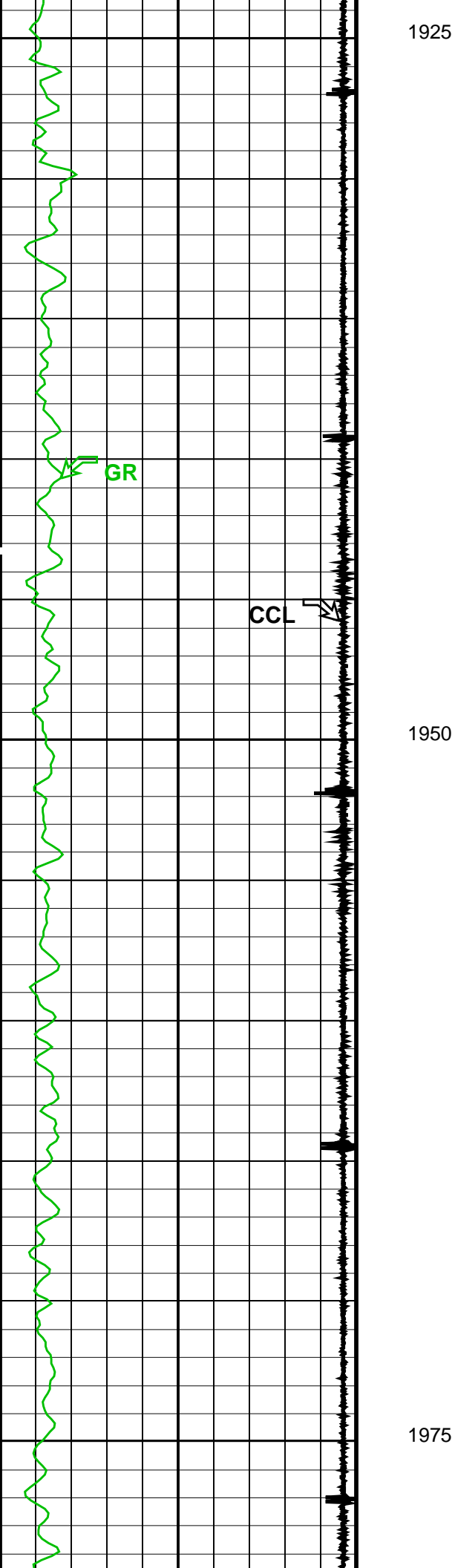


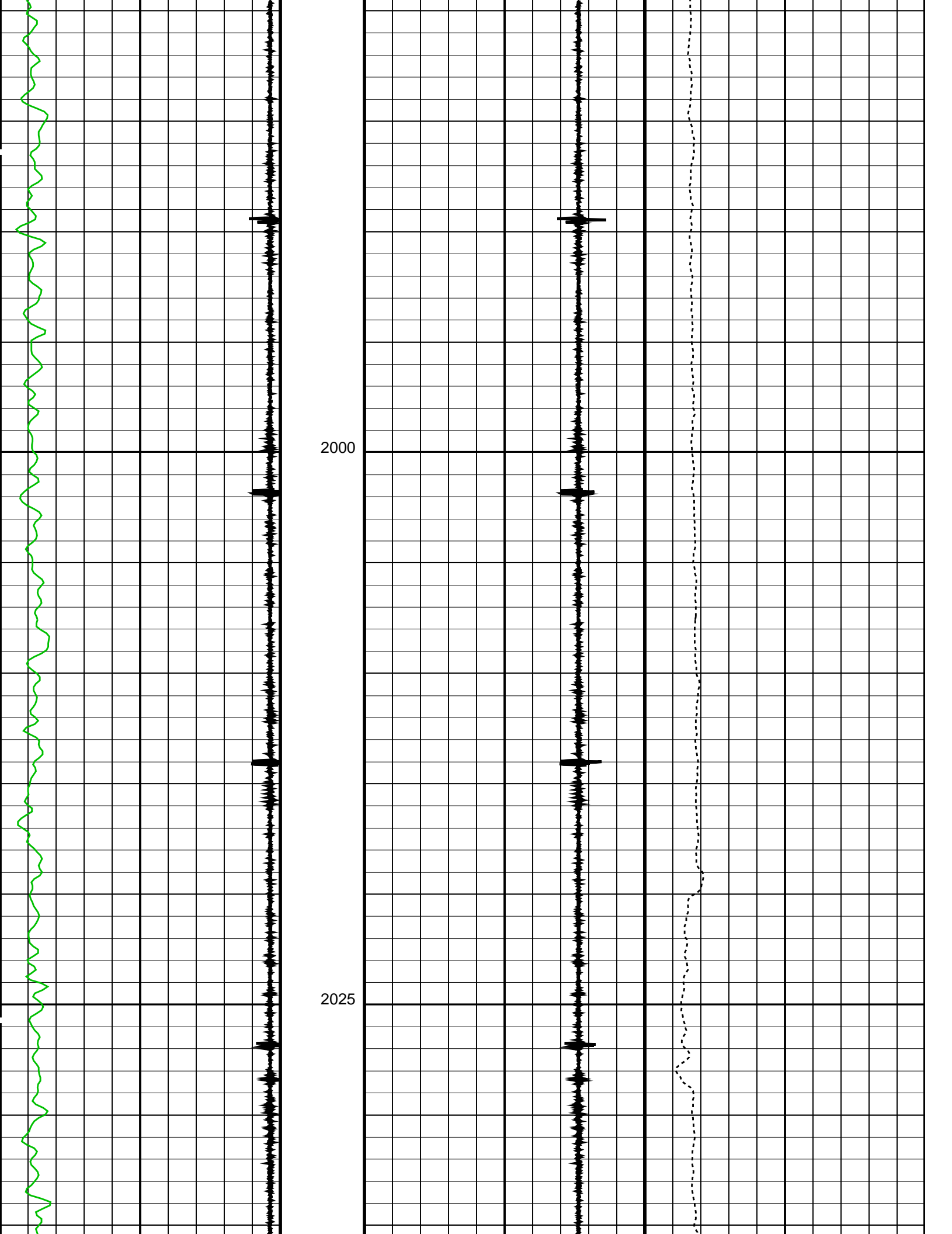


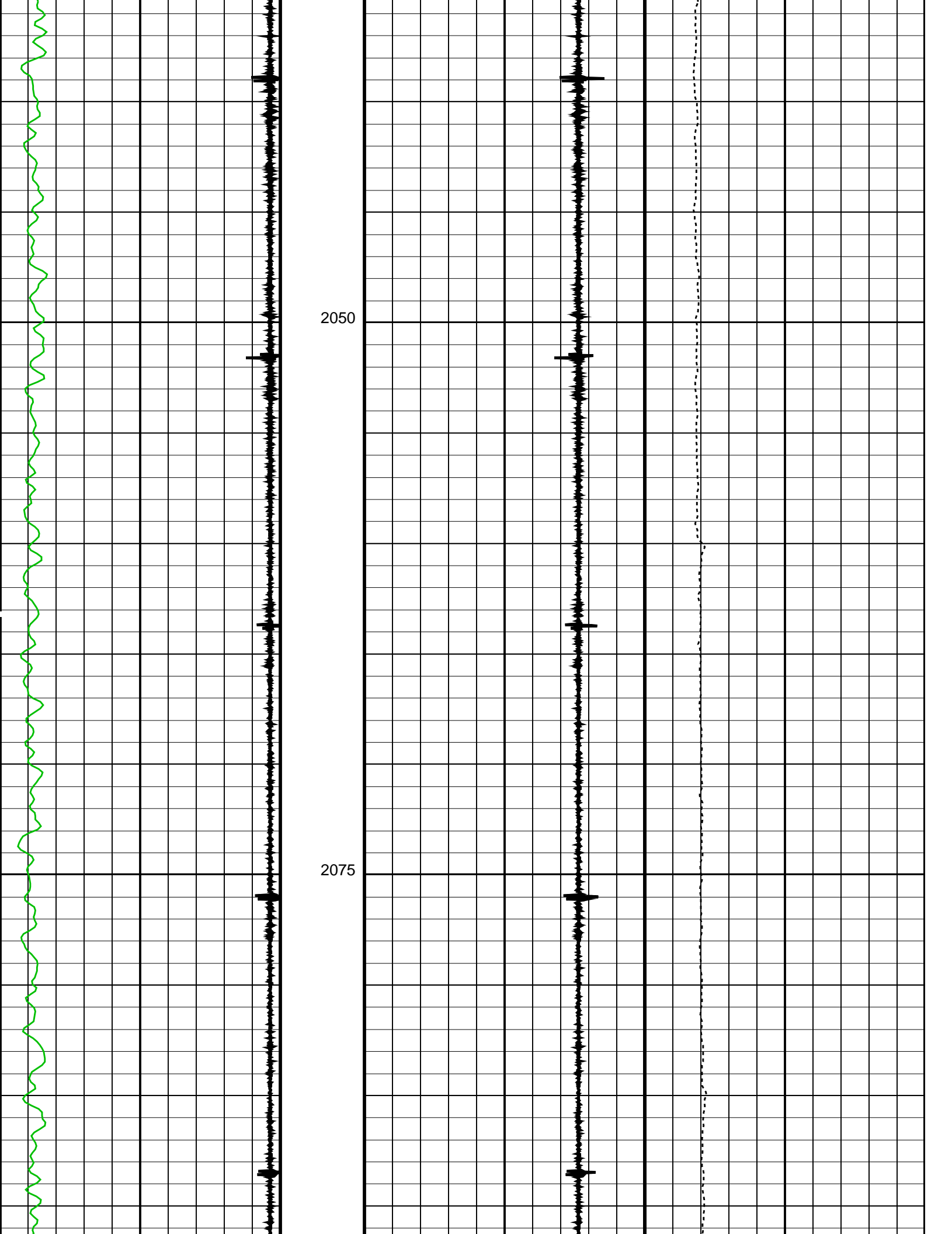


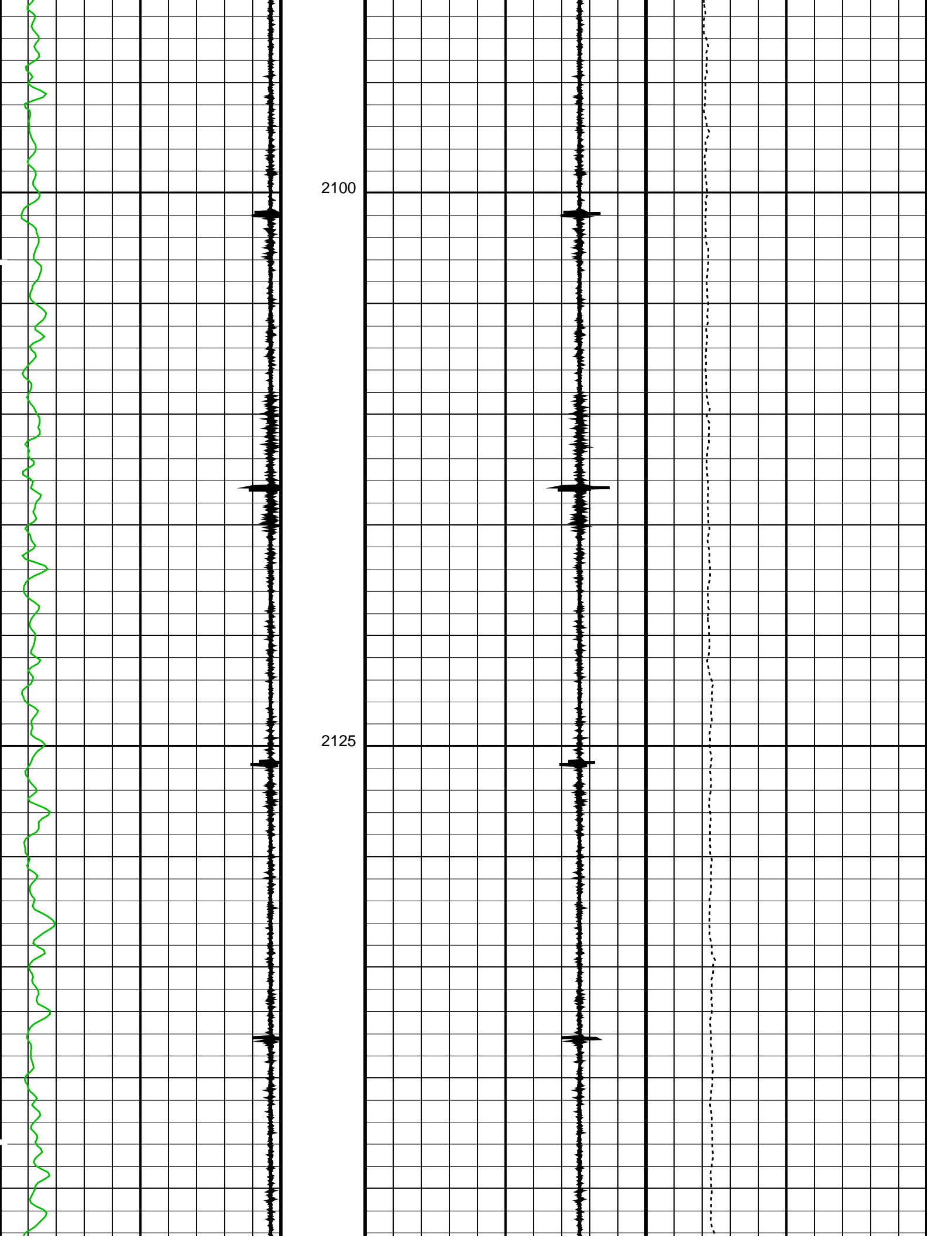


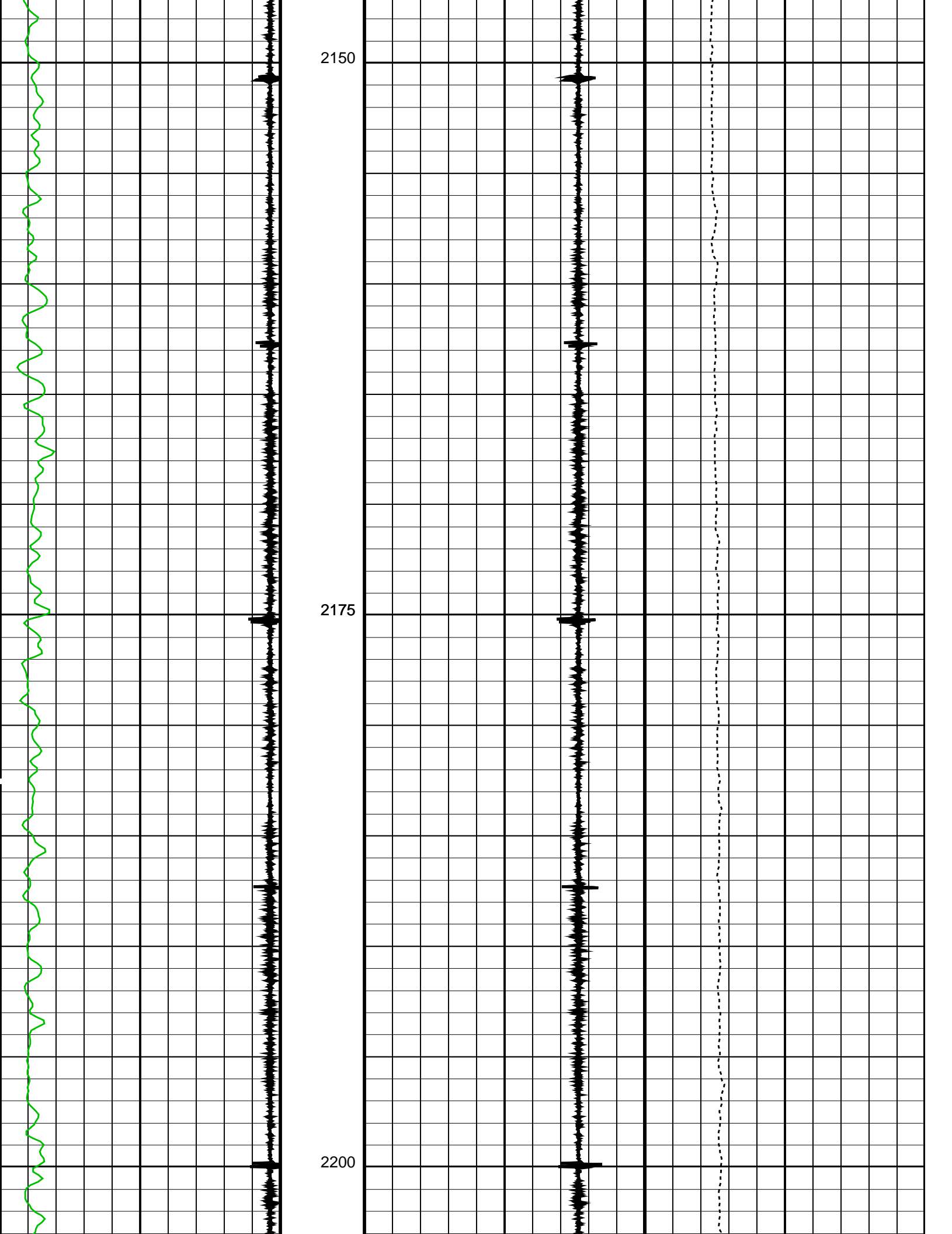


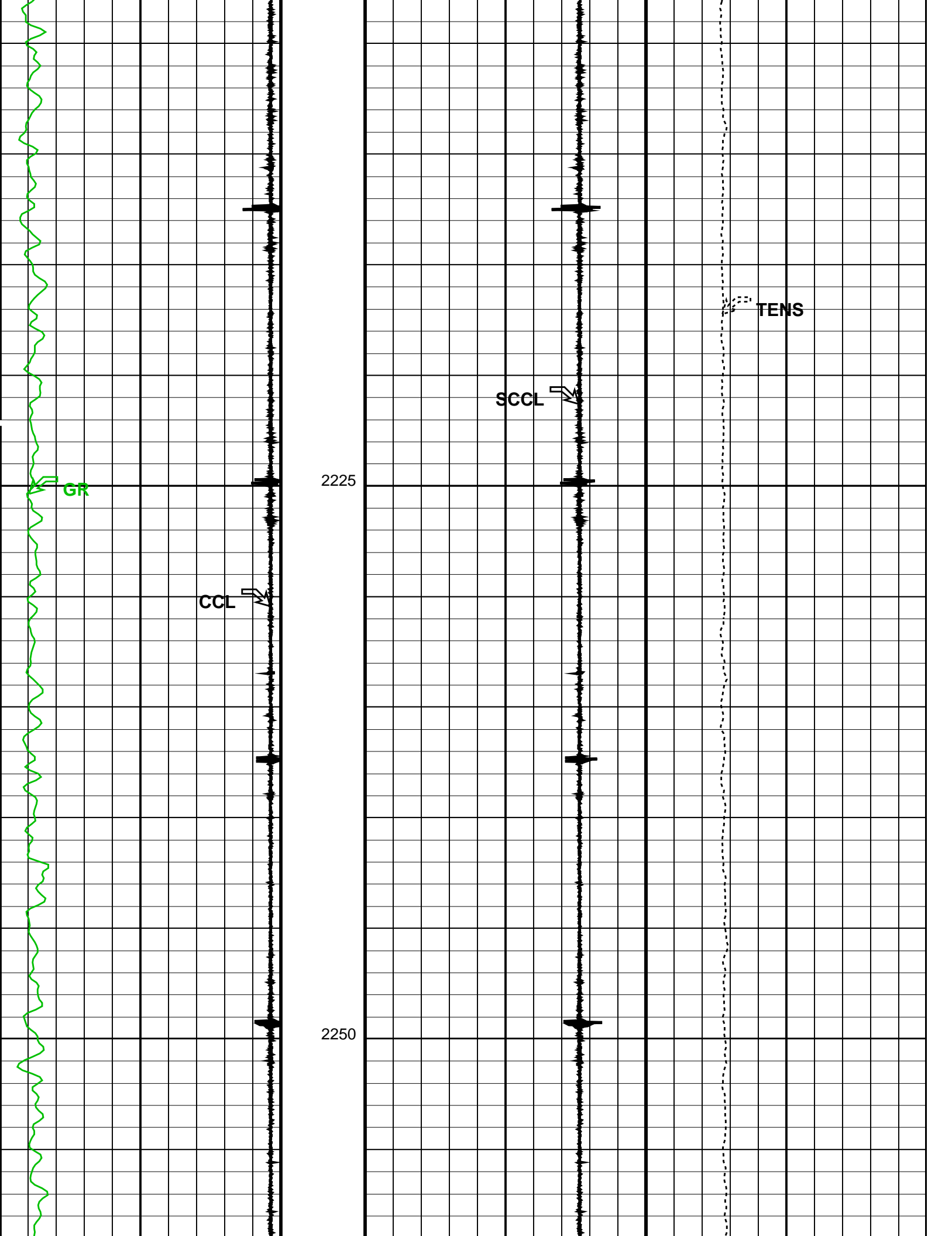


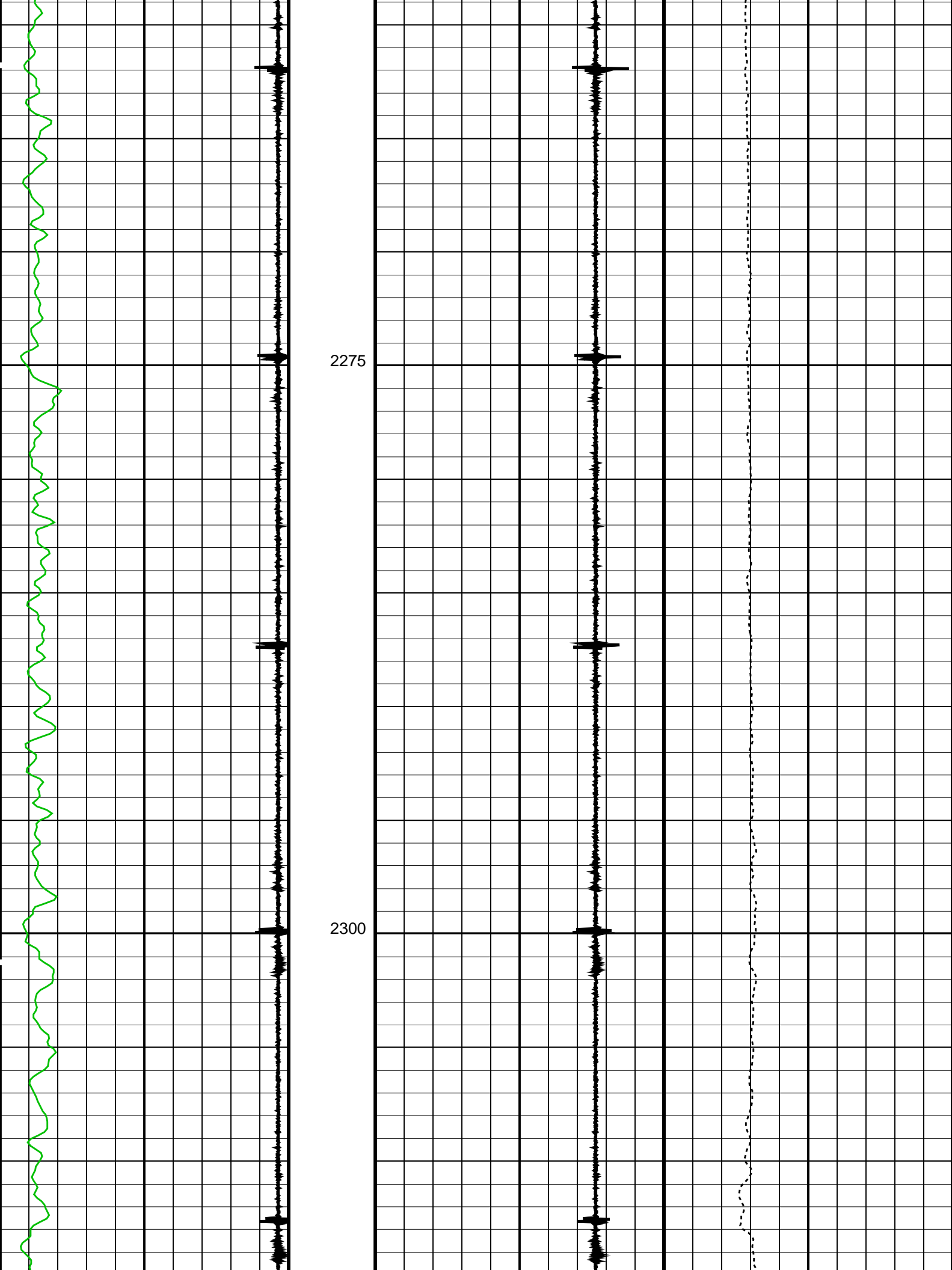


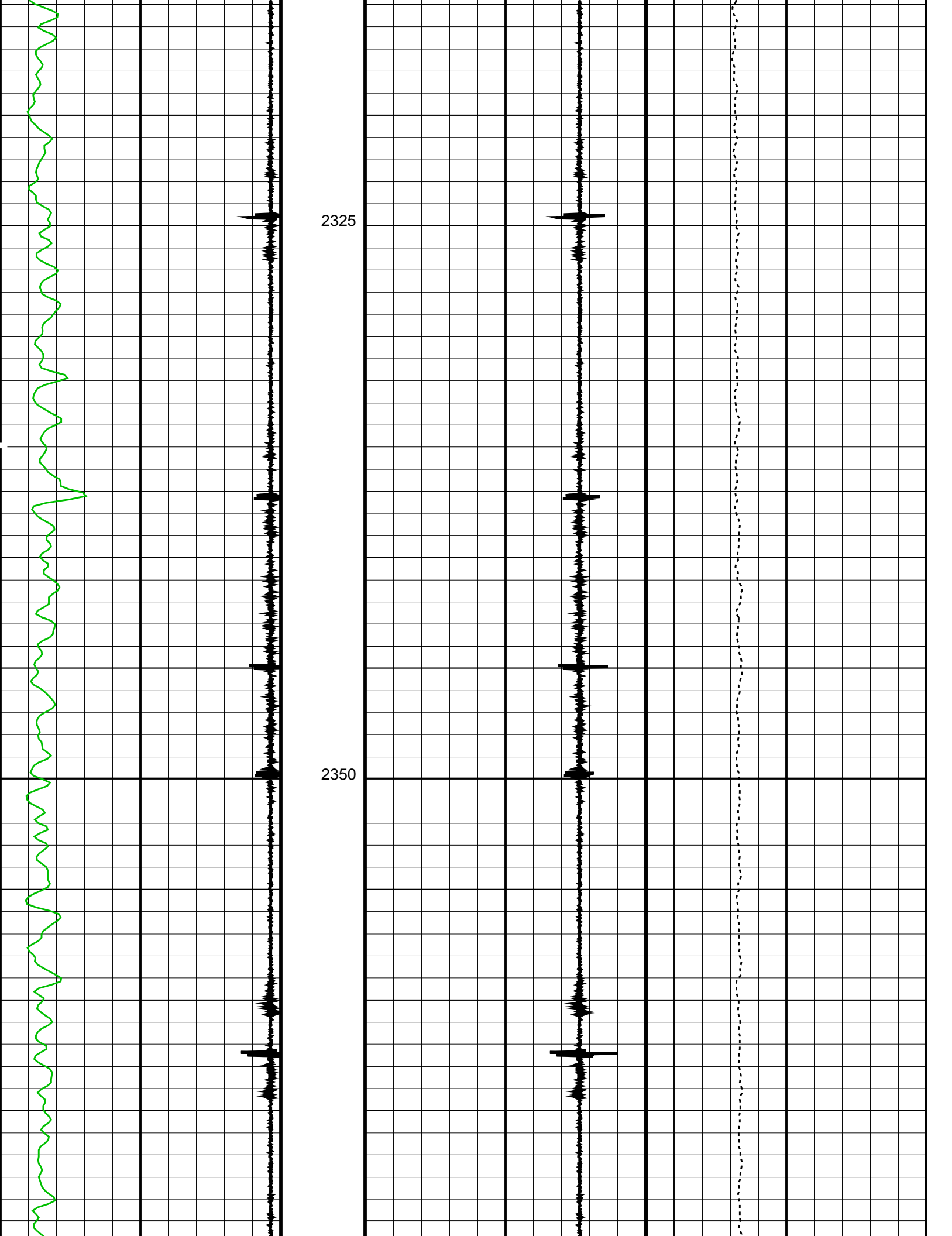


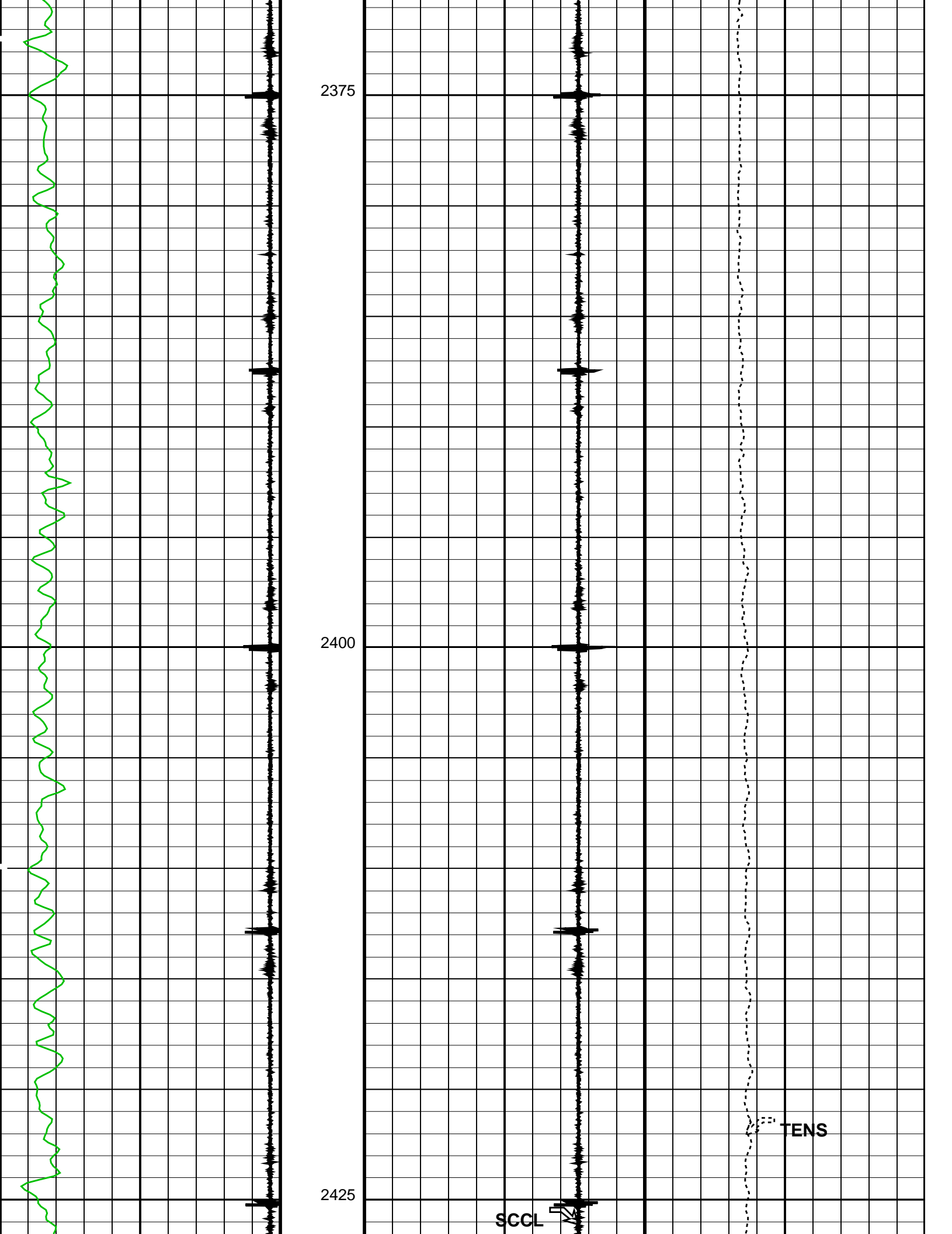


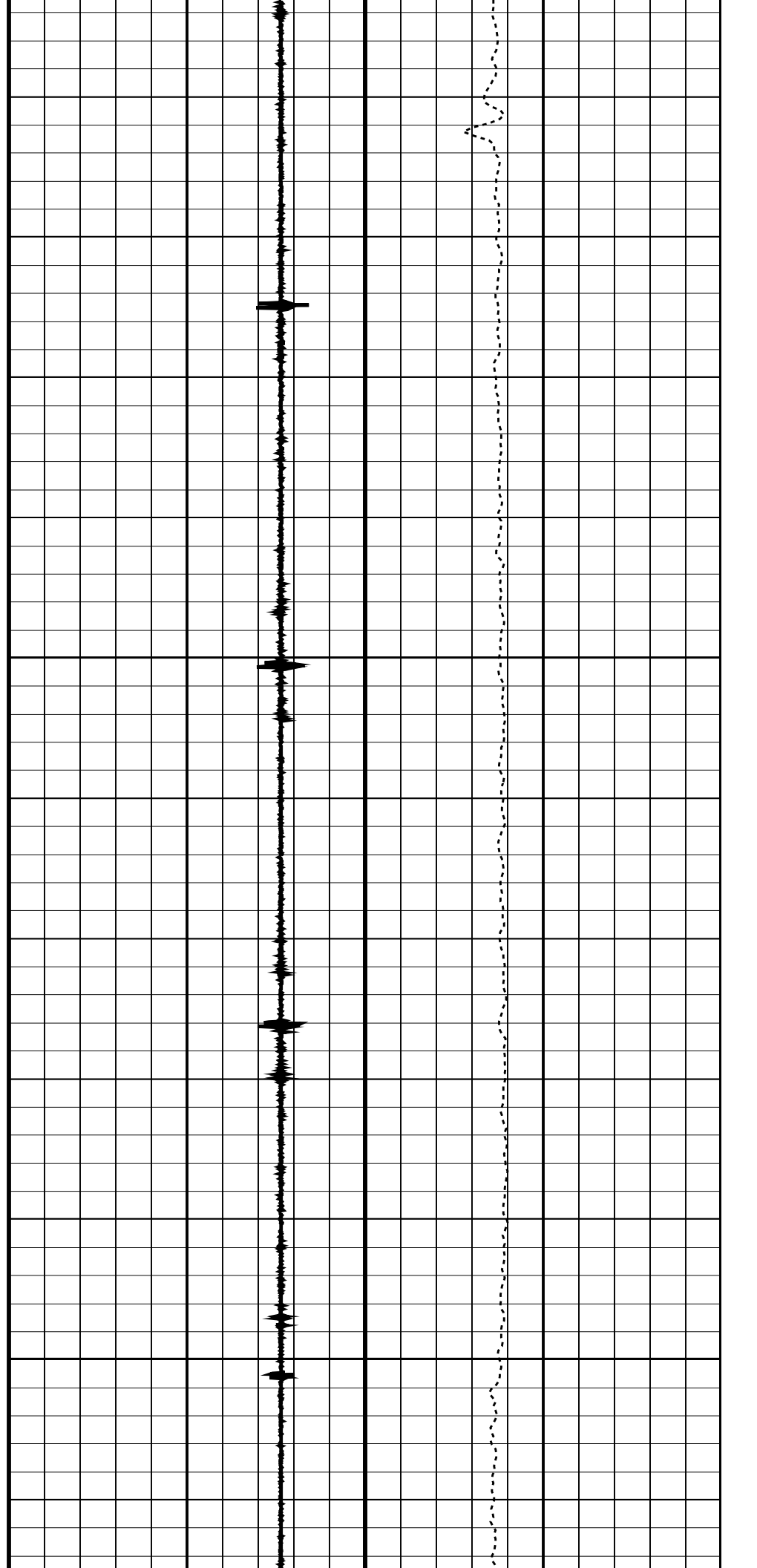
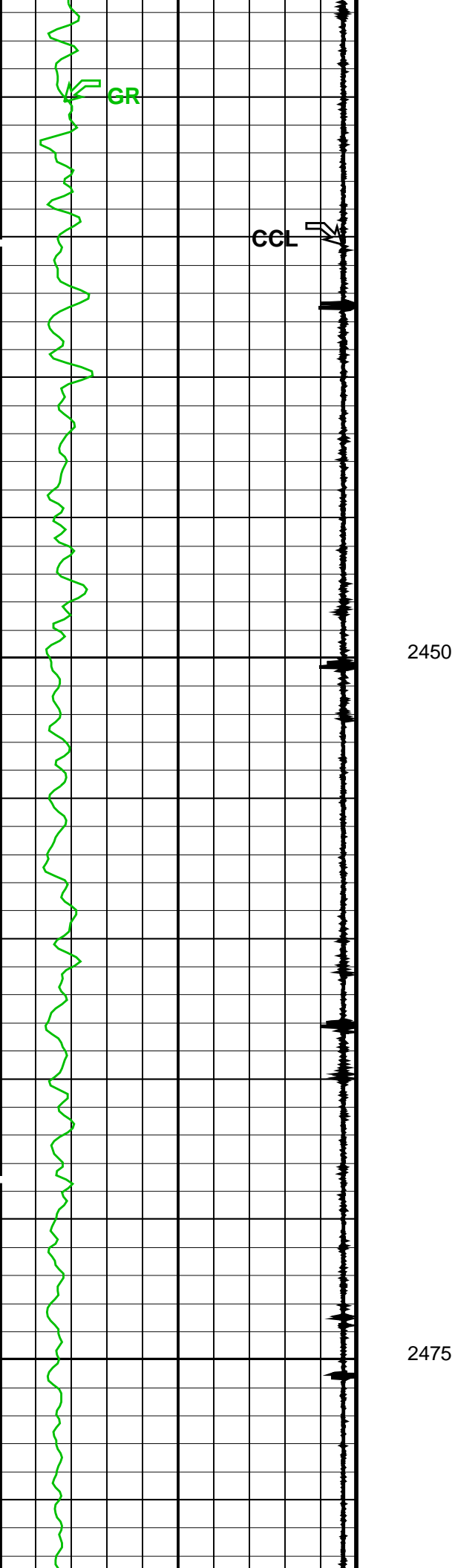


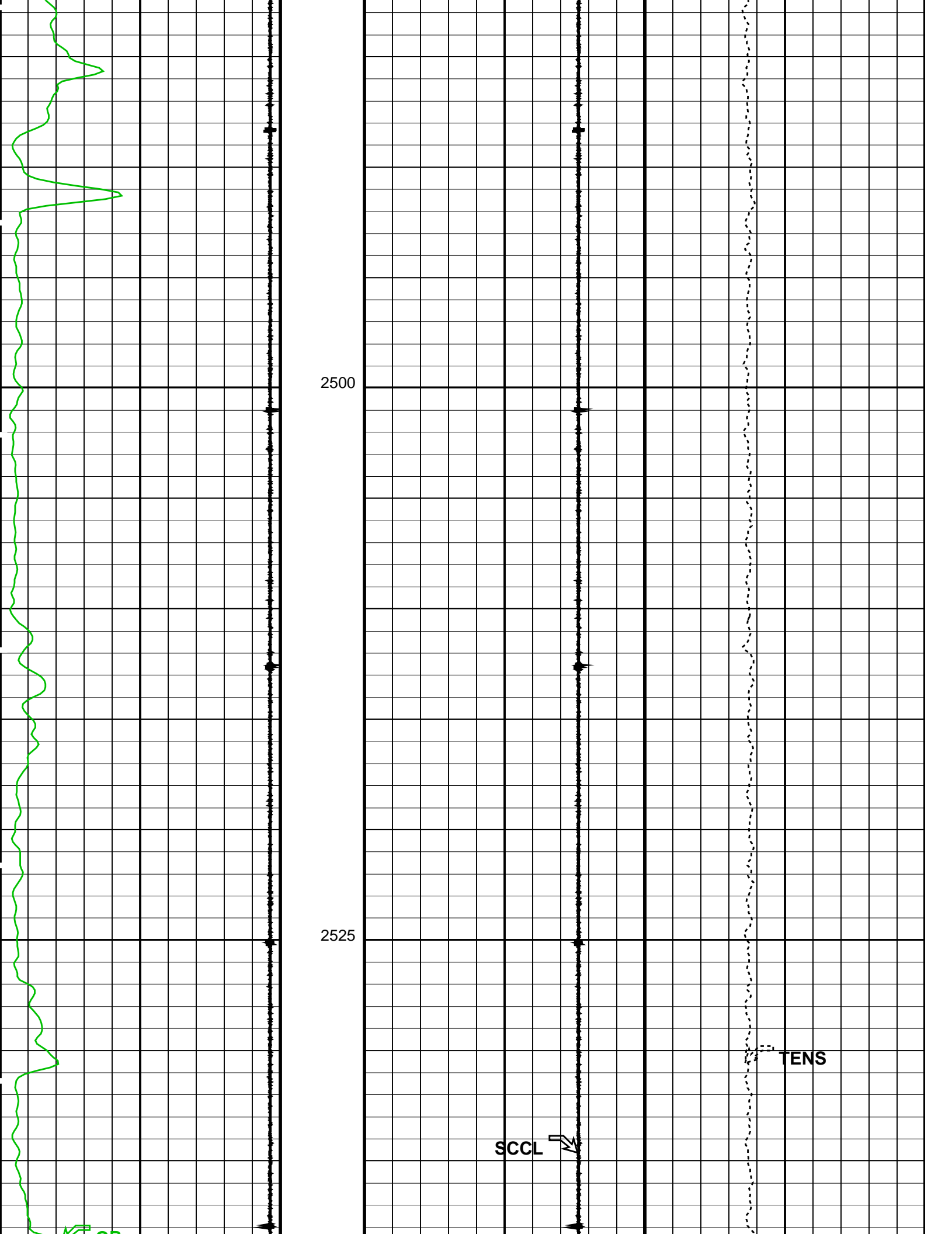


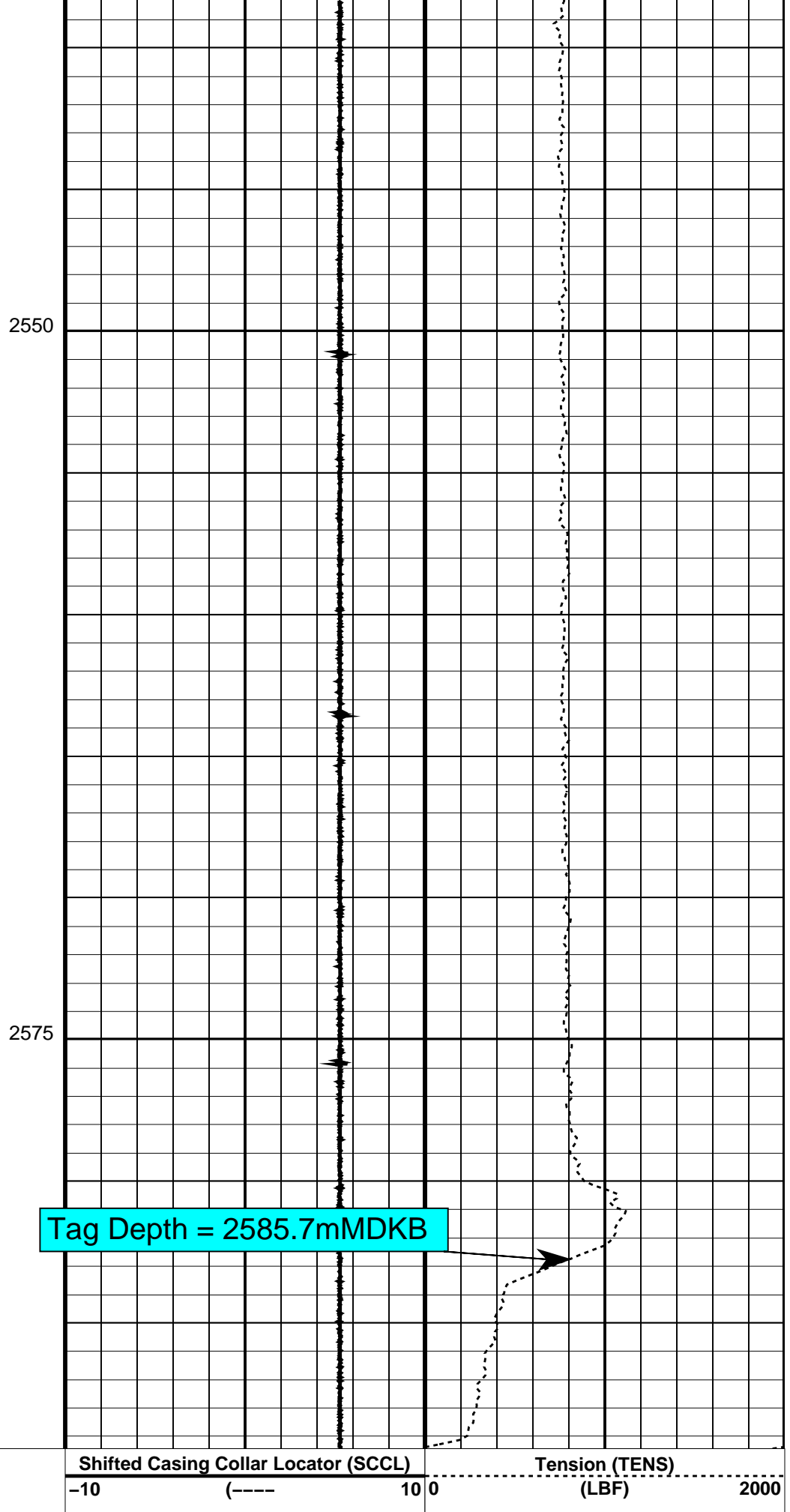
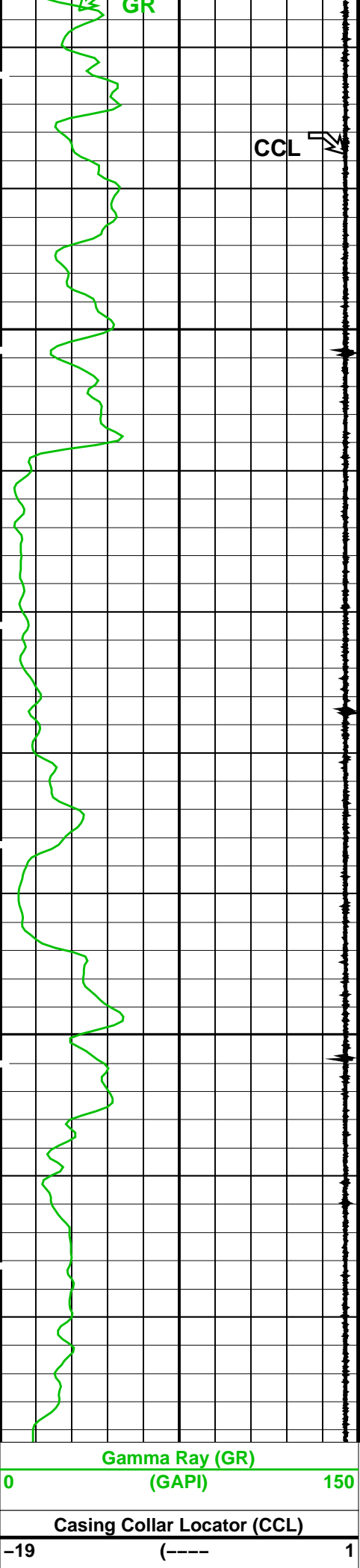












<div><div></div>Time Mark Every 60 S</div>		PIP SUMMARY			
Parameters					
DLIS Name		Description		Value	
DO		System and Miscellaneous		-6.0 M	
PP		Depth Offset for Playback Playback Processing		NORMAL	
Format: PERFO		Vertical Scale: 1:200		Graphics File Created: 17-Apr-2007 10:59	
OP System Version: 14C0-302					
MCM					
SHM_GUN	14C0-302	PGGT-D	14C0-302		
Input DLIS Files					
DEFAULT	PLUG_009LUP	FN:8	PRODUCER	10-Apr-2007 11:19	2595.4 M 232.4 M
Output DLIS Files					
DEFAULT	PERFO_027PUP	FN:8	PRODUCER	17-Apr-2007 10:59	
<div><div>Company: Esso Auatrali Pty Ltd.</div><div>Schlumberger</div></div>					
<div><div>Well: Halibut A-23</div><div>Field: Halibut</div><div>Rig: ISDL Rig 453</div><div>Country: Australia</div></div>					
<div><div>4.5" HSD Powerjet Omega</div><div>GR-CCL</div></div>					