



**BOREHOLE COMPENSATED
SONIC LOG**

Company CARMEN SCHMITT, INC.
Well BAALMAN #1-23
Field WILDCAT
County THOMAS
State KANSAS

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Well BAALMAN #1-23
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State KANSAS

Location: API #: 15-193-21077-00-00
750' FNL & 2220' FEL
SEC 23 TWP 8S RGE 31W
Permanent Datum GROUND LEVEL Elevation 2968'
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING
Other Services
DIL/MEL
CNL/CDL
Elevation
K.B. 2978'
D.F. N/A
G.L. 2968'

Date	5/18/2020						
Run Number	TWO						
Type Log	BHCS						
Depth Driller	4700'						
Depth Logger	4702'						
Bottom Logged Interval	4691'						
Top Logged Interval	250'						
Type Fluid In Hole	CHEMICAL						
Salinity, PPM CL	4,000						
Density	9.4						
Level	FULL						
Max. Rec. Temp. F	123 DEG/F						
Operating Rig Time	4 HOURS						
Equipment -- Location	P-108 HAYS						
Recorded By	J. HENRICKSON						
Witnessed By	BRAD RINE						
Borehole Record							
Run No.	Bit	From	To	Size	Wgt.	From	To
ONE	12.25"	0	263'	8.625"	23#	0	253'
TWO	7.875"	253'	TD				
Casing Record							

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

**HOXIE KANSAS
WEST TO 36 ROAD, 2 SOUTH TO P ROAD,
3/8 WEST, SOUTH INTO**

Log Measured From: KELLY BUSHING 10 Ft. Above Permanent Datum

**THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerenergy.com 785-625-3858**

Your Pioneer Energy Services Crew

Engineer: J. HENRICKSON
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

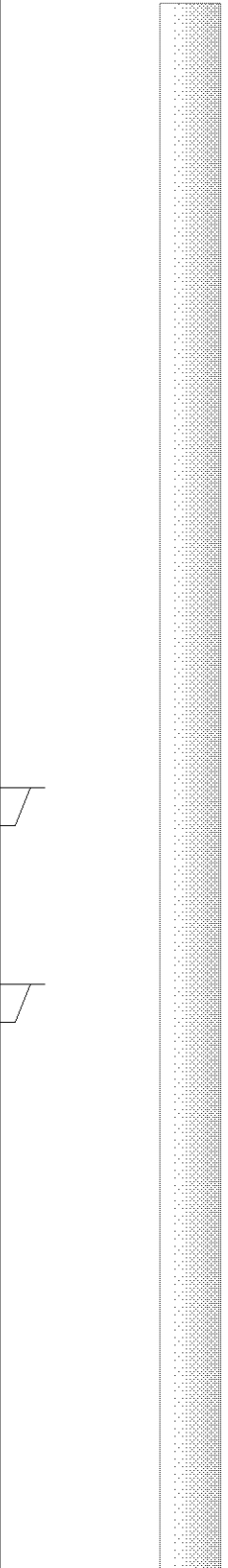
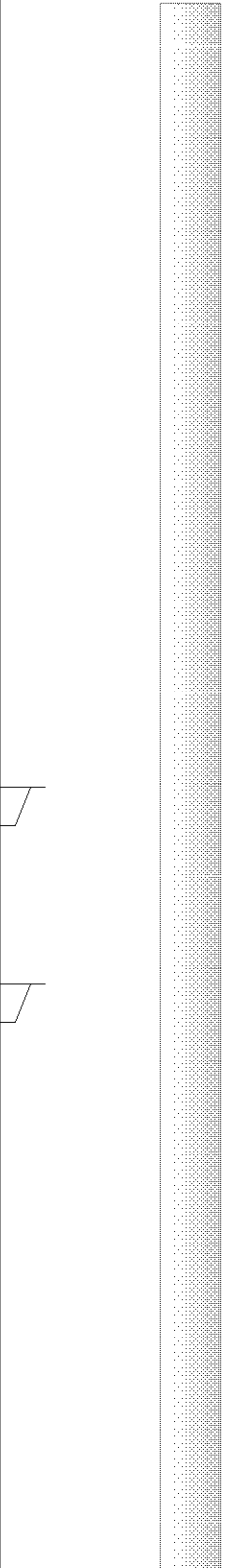
Primary Witness: BRAD RINE
Secondary Witness:
Secondary Witness:
Secondary Witness:

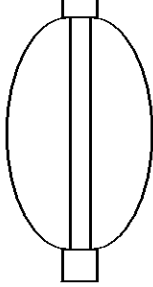
Log Variables

DatabaseC:\ProgramData\Warrior\Data\carmen_schmitt_baalman_1_23.db
Dataset field/well/stackml/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	123	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	0	0	150	74	Off	4702

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
WVF4 WVF1	11.00 11.00		SLT-PENGO (0001)	16.00	3.50	300.00
WVF3 WVF2	9.00 9.00					



CENT-SIE

3.00

2.00

10.00

Dataset: carmen_schmitt_baalman_1_23.db: field/well/SONIC/pass2
 Total length: 19.00 ft
 Total weight: 310.00 lb
 O.D.: 3.50 in

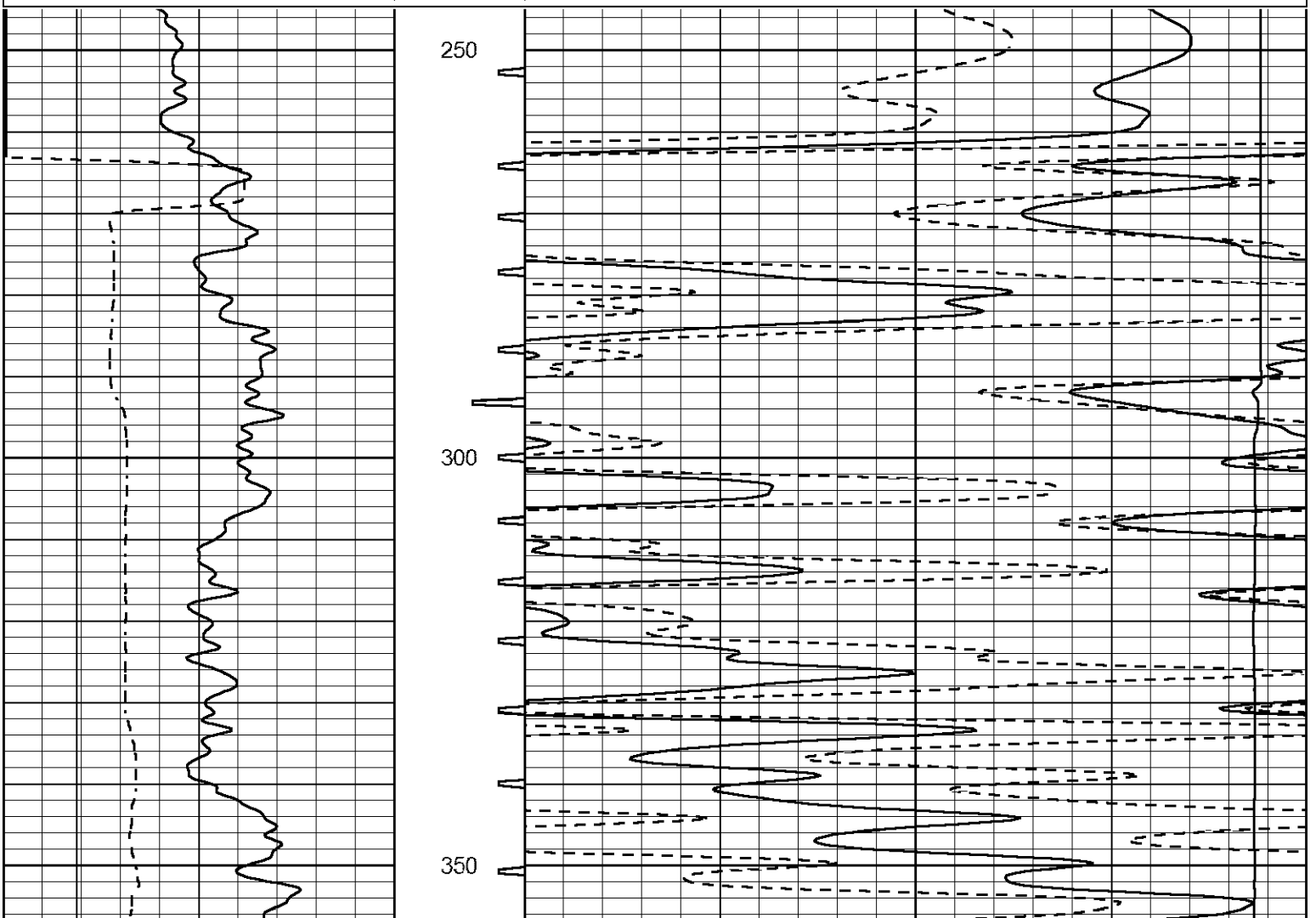
PIONEER

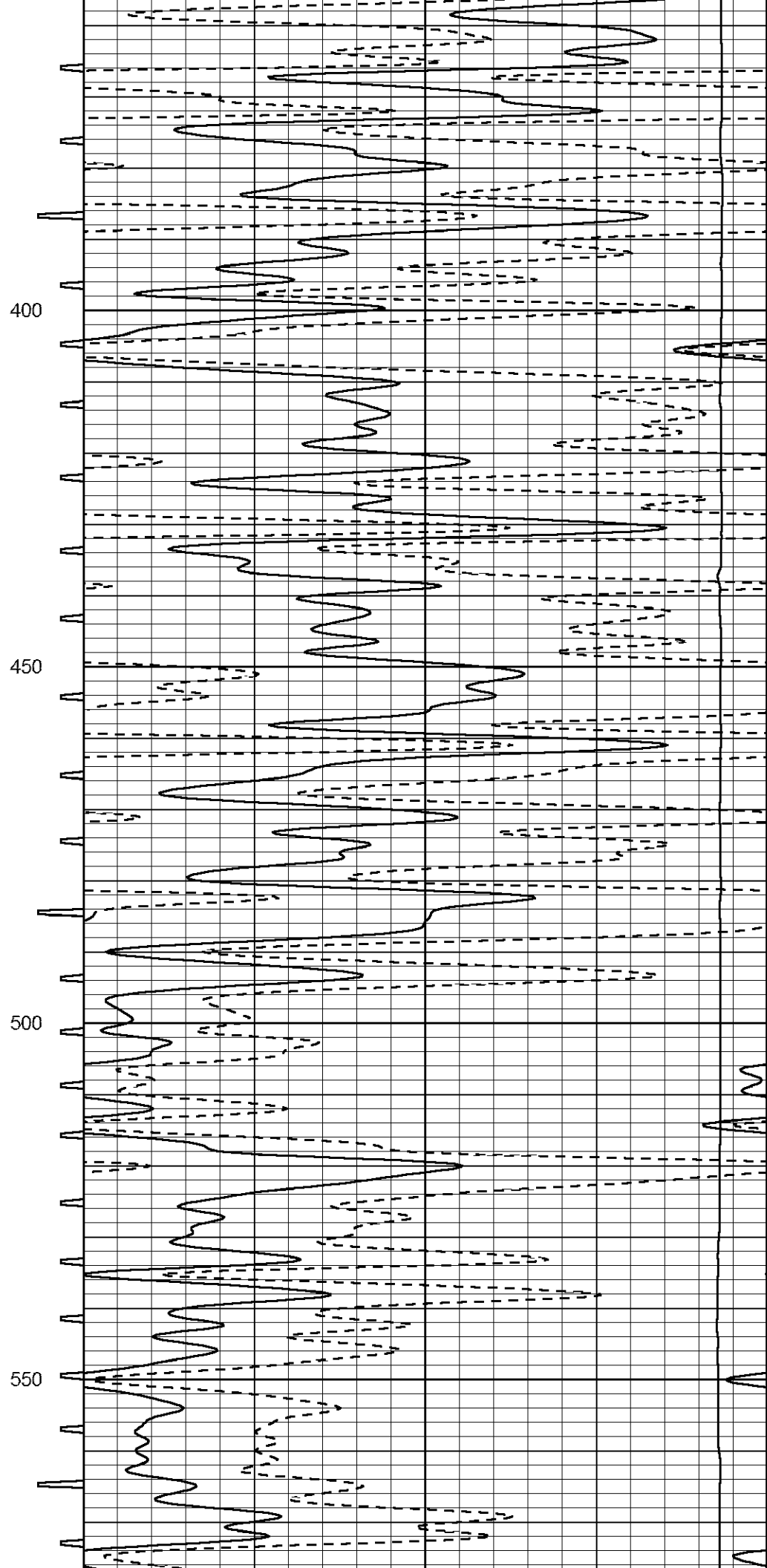
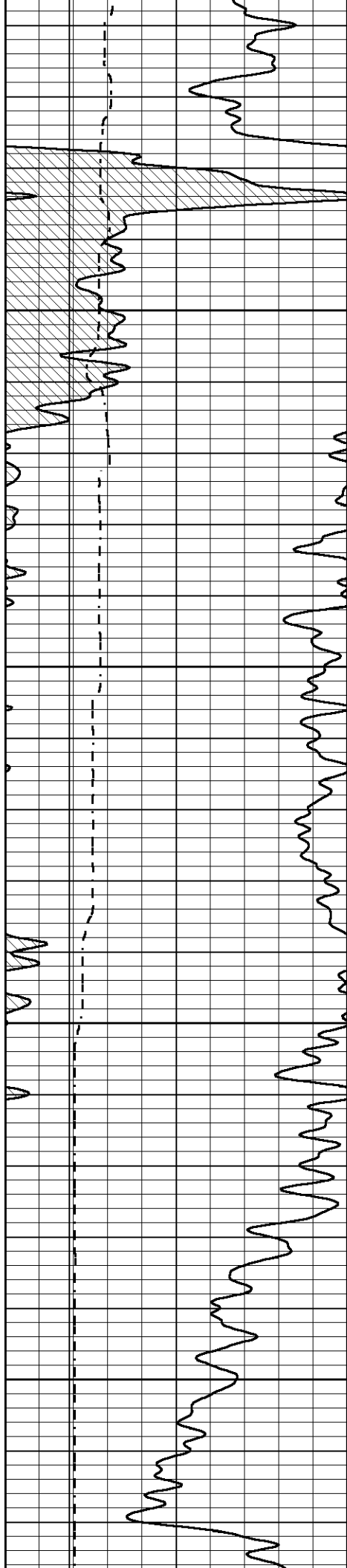
Pioneer Energy Services

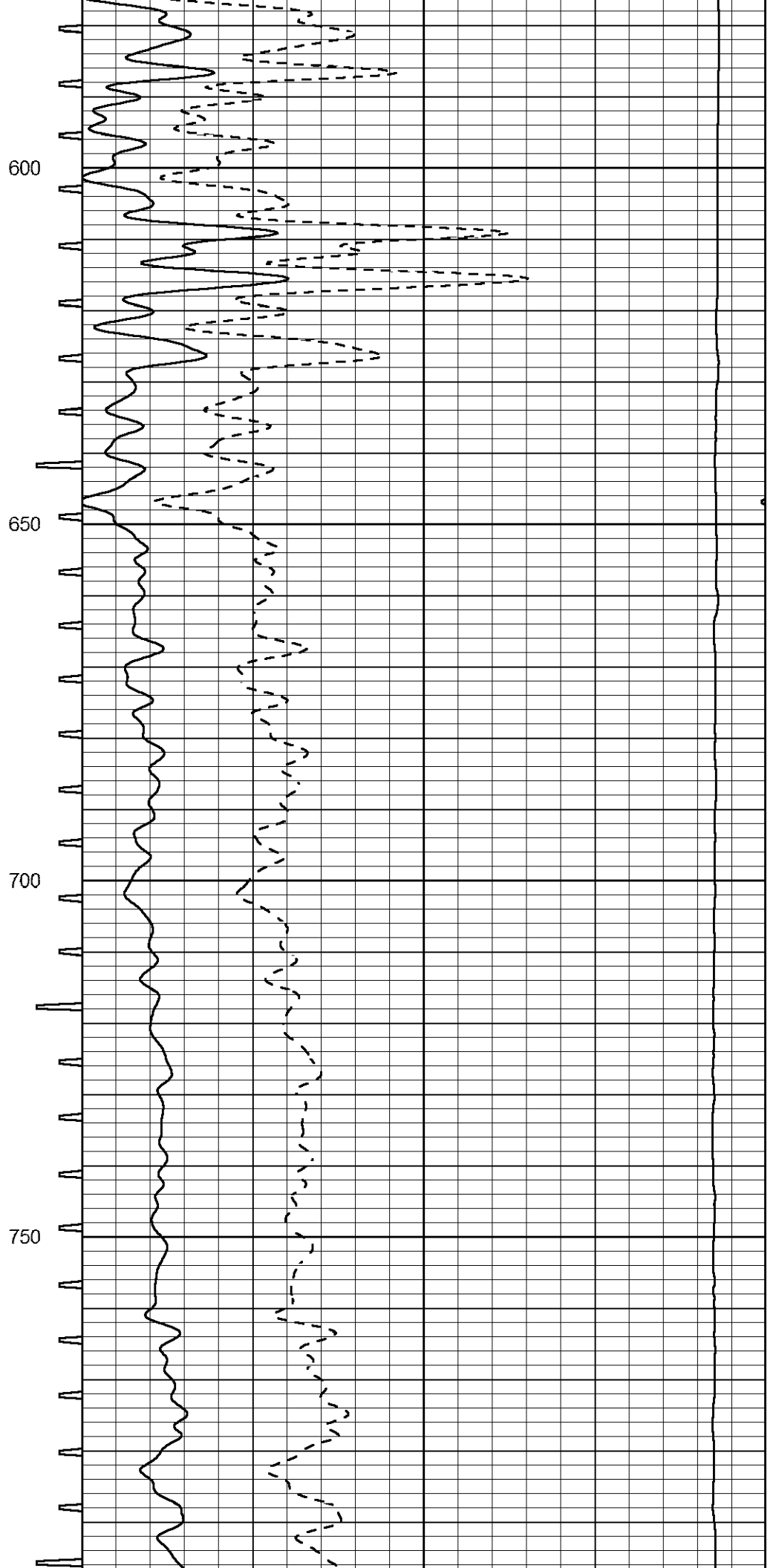
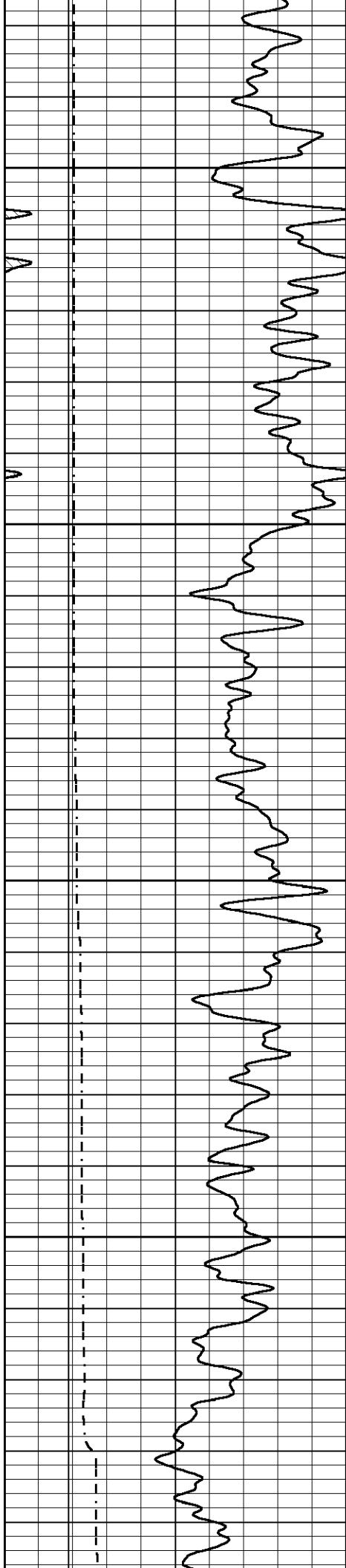
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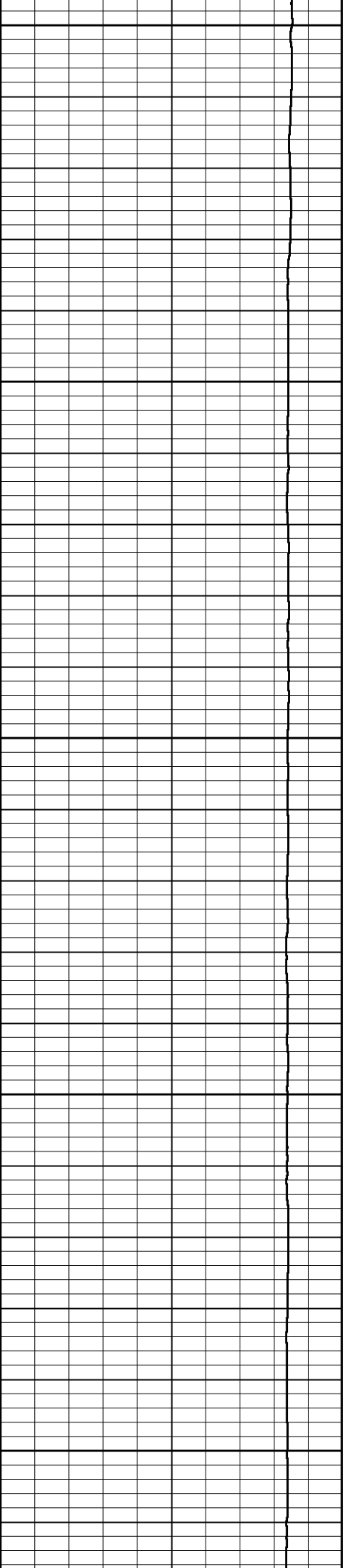
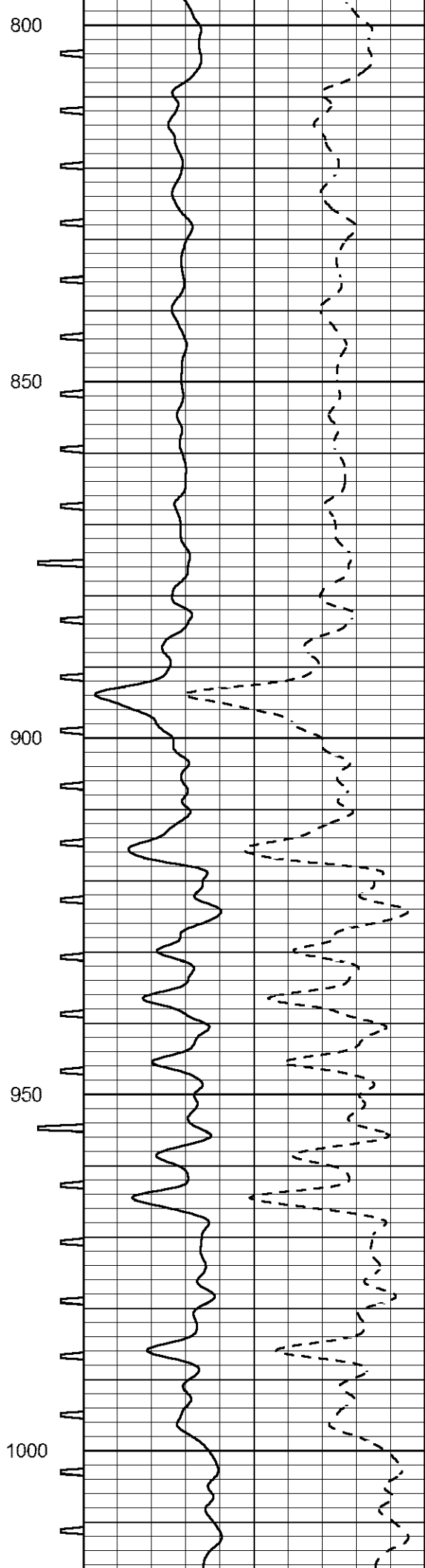
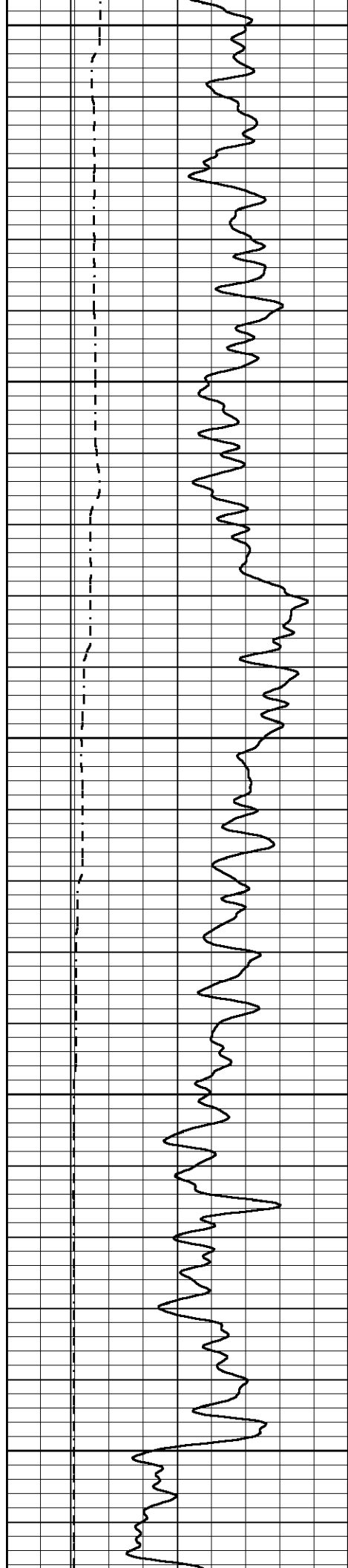
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 Dataset Creation Mon May 18 21:58:57 2020
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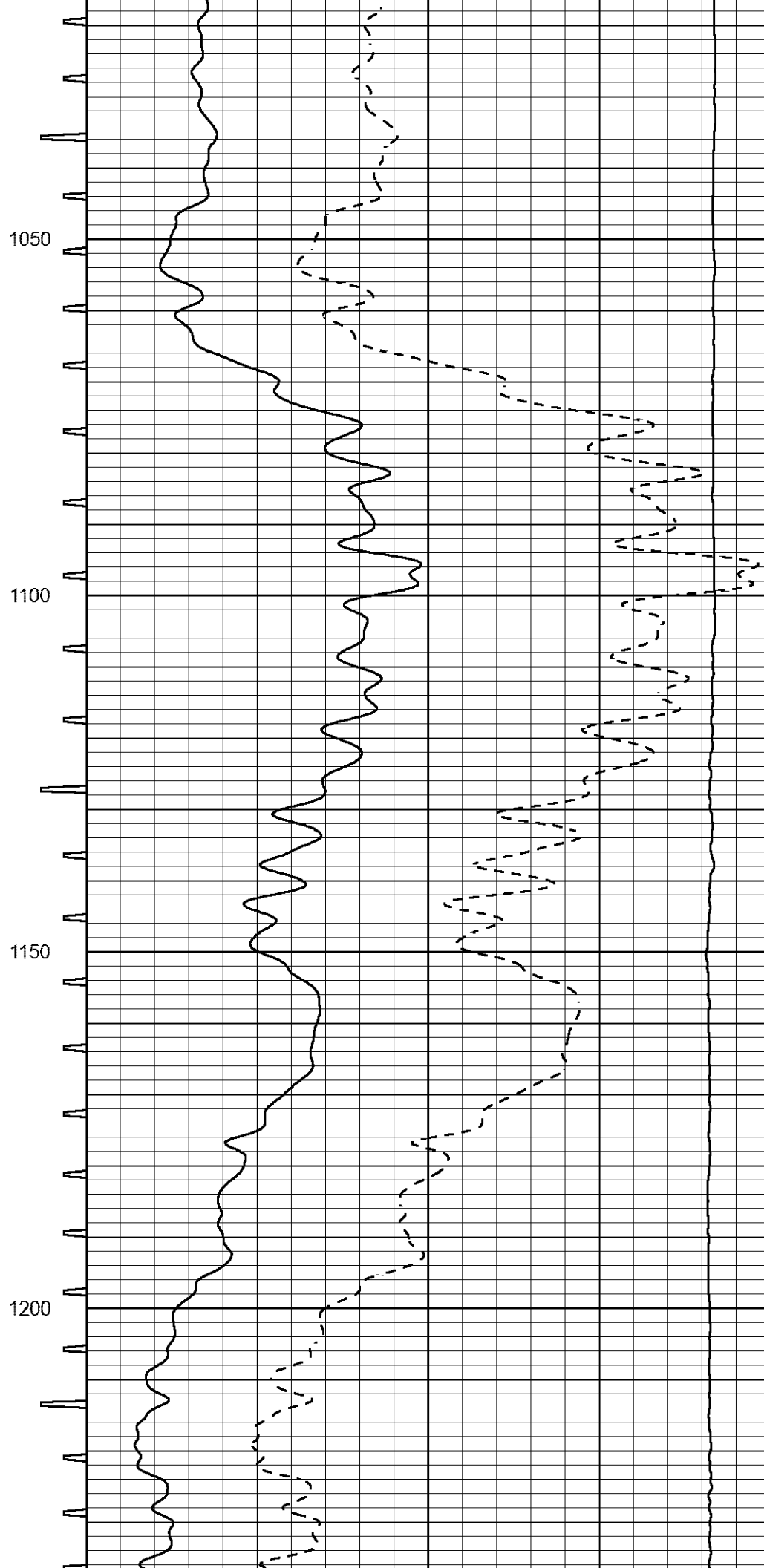
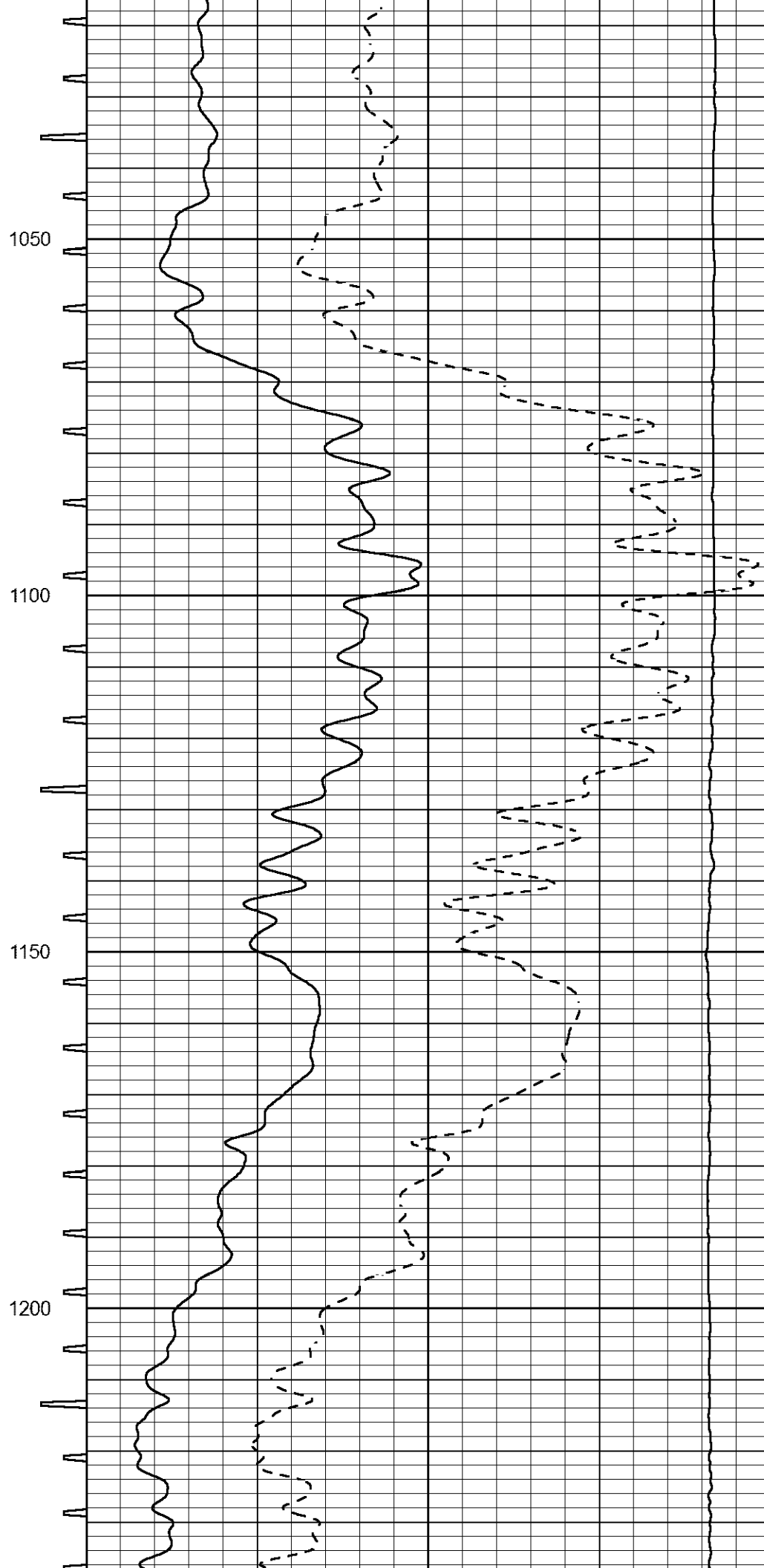
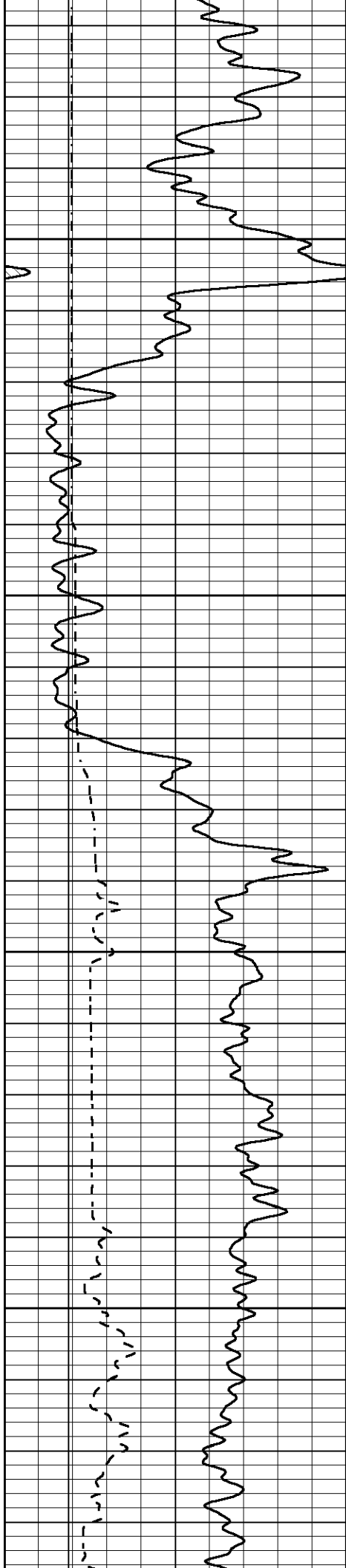
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6	BIT SIZE	16	(msec)	15000	LINE TENSION (lb)	0

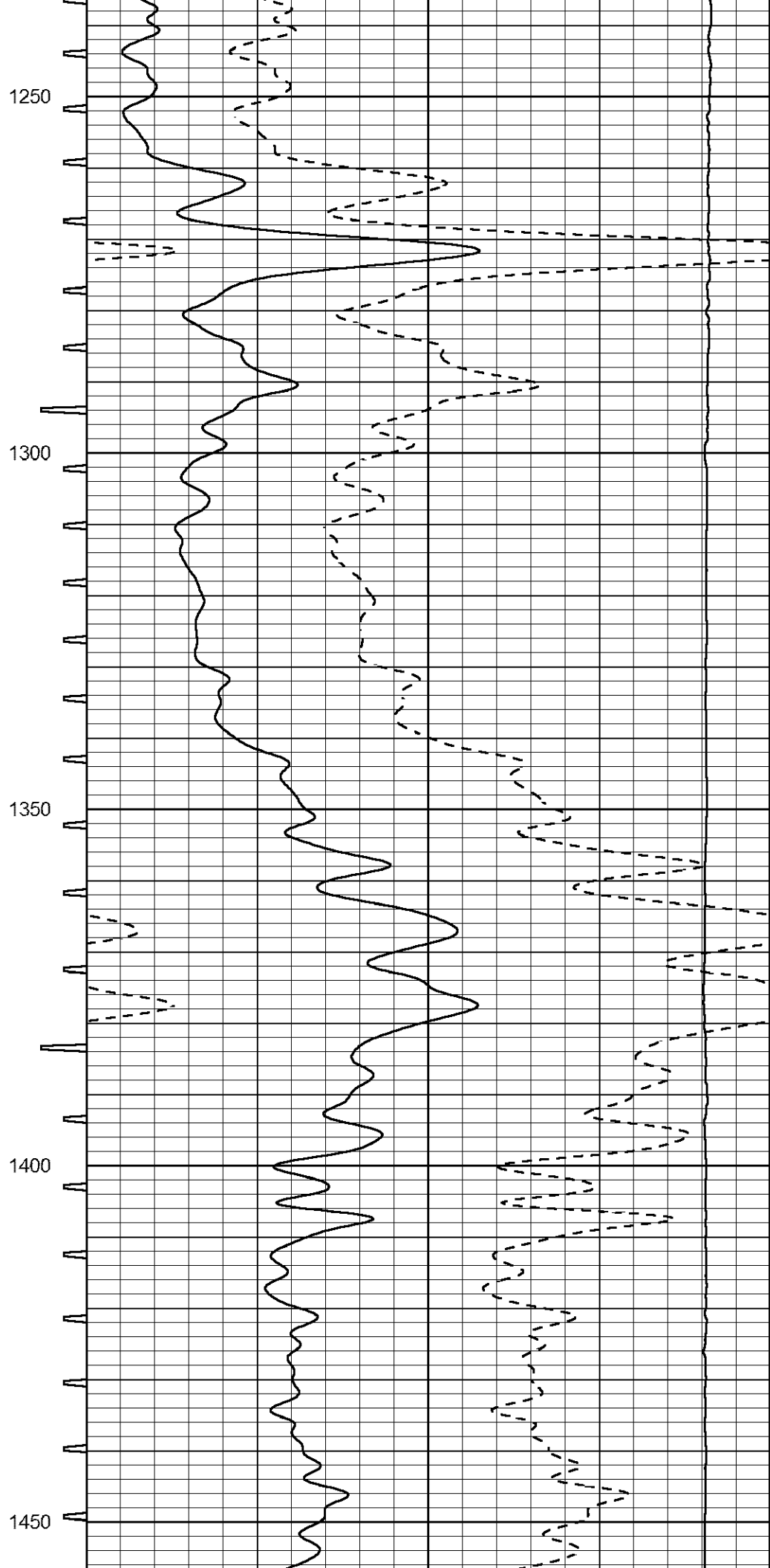
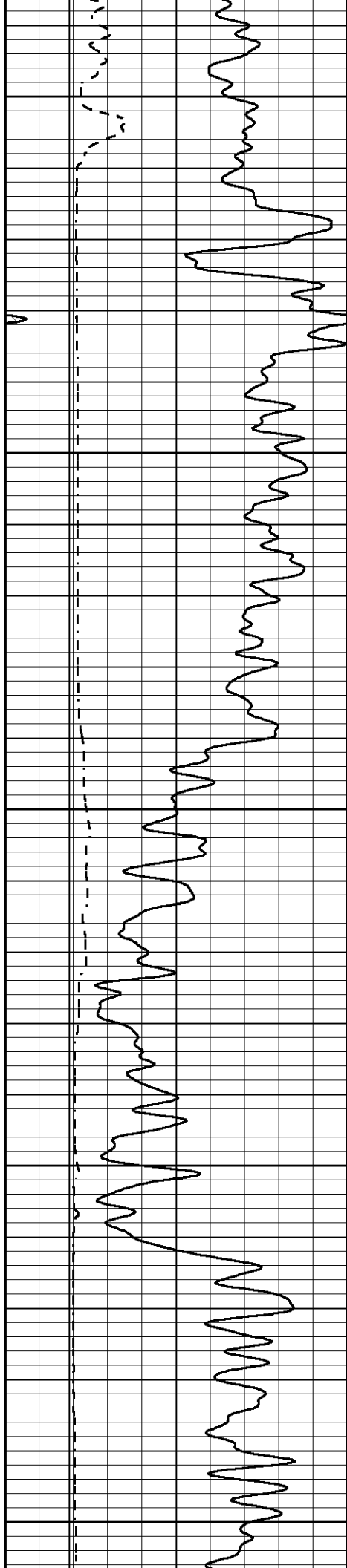


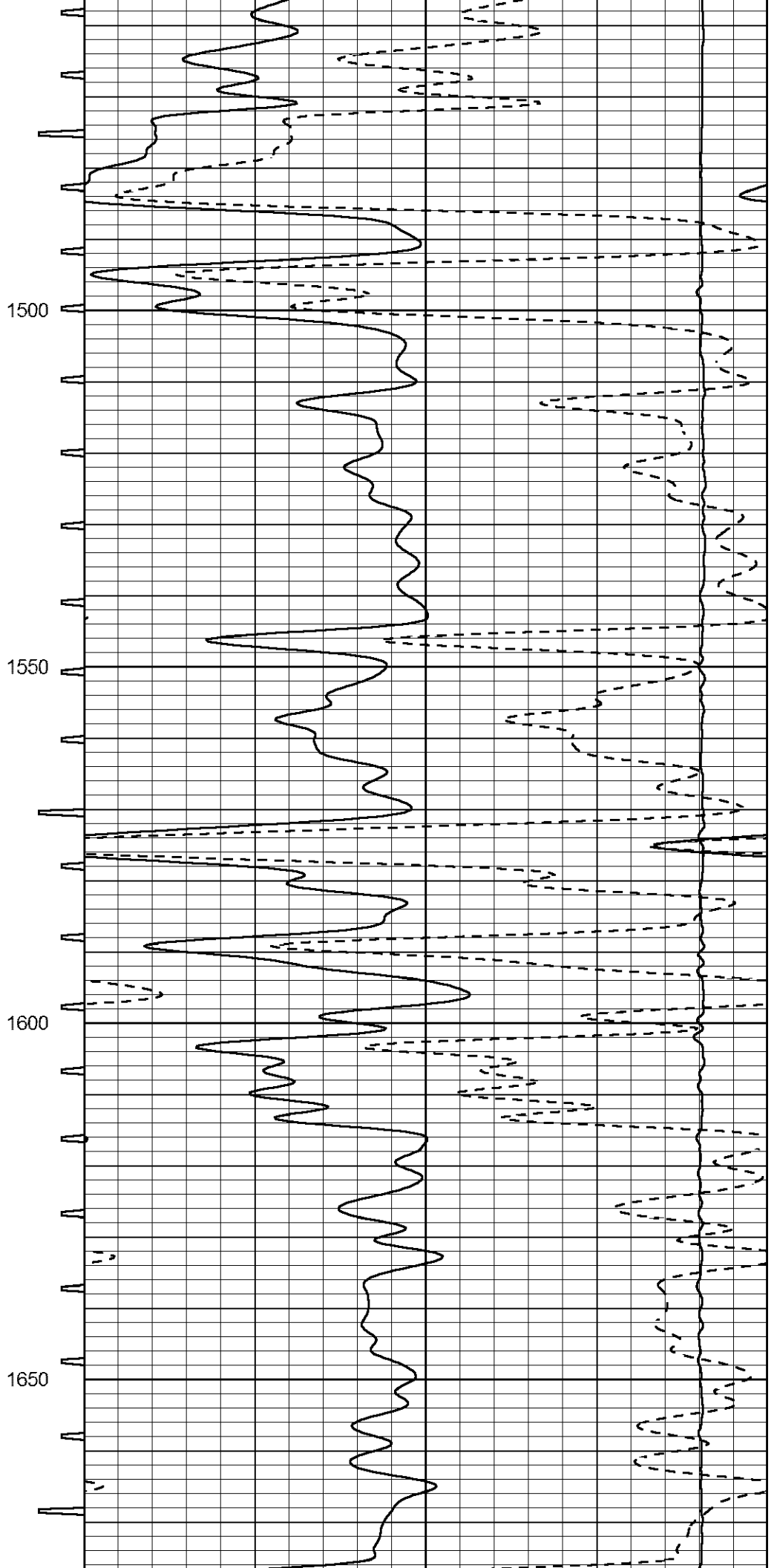
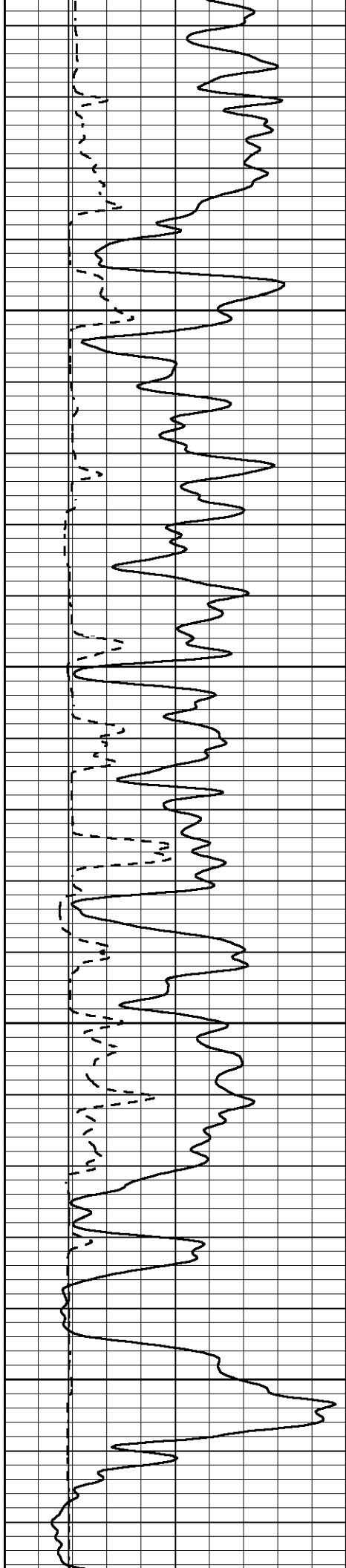


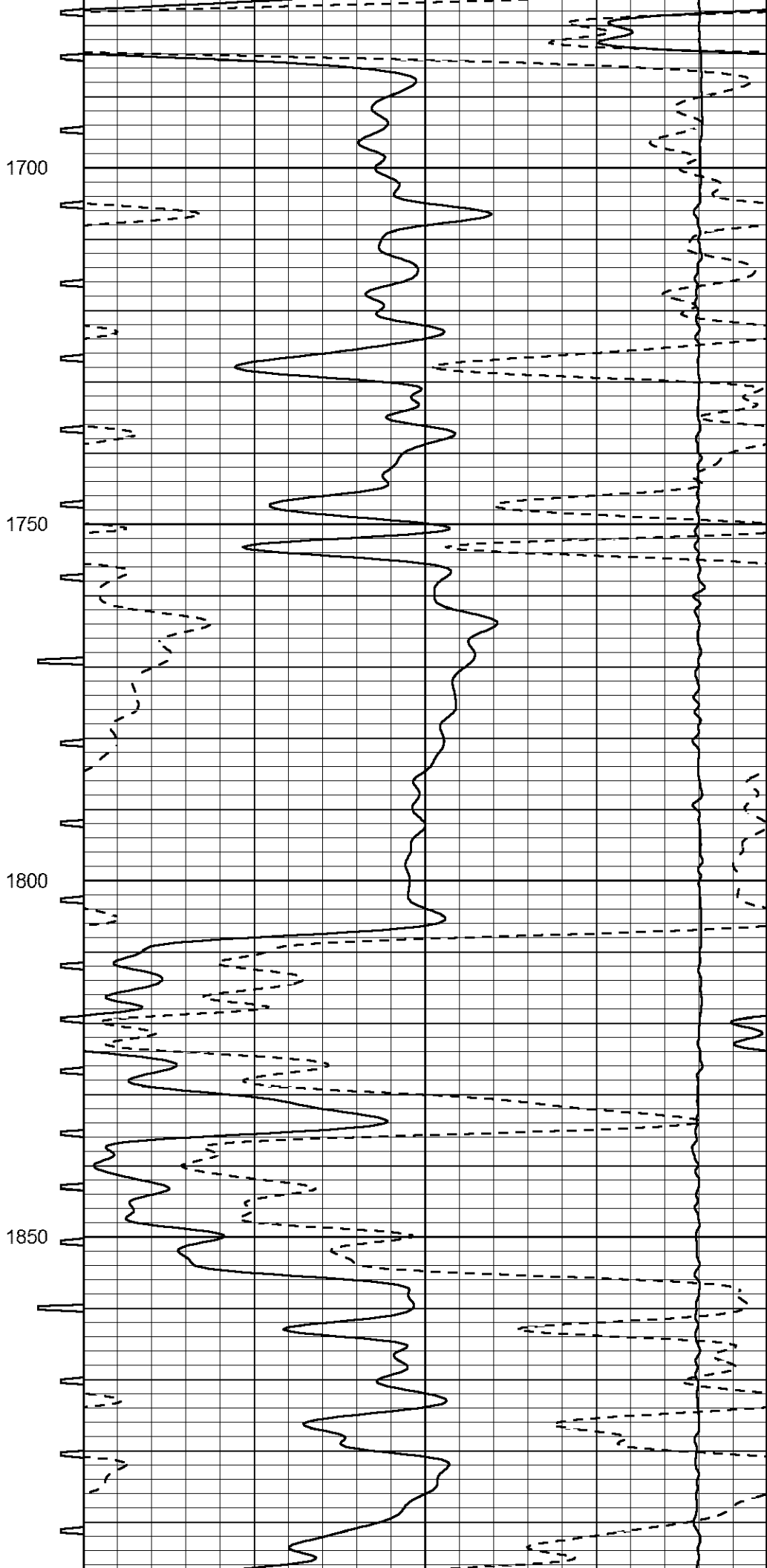
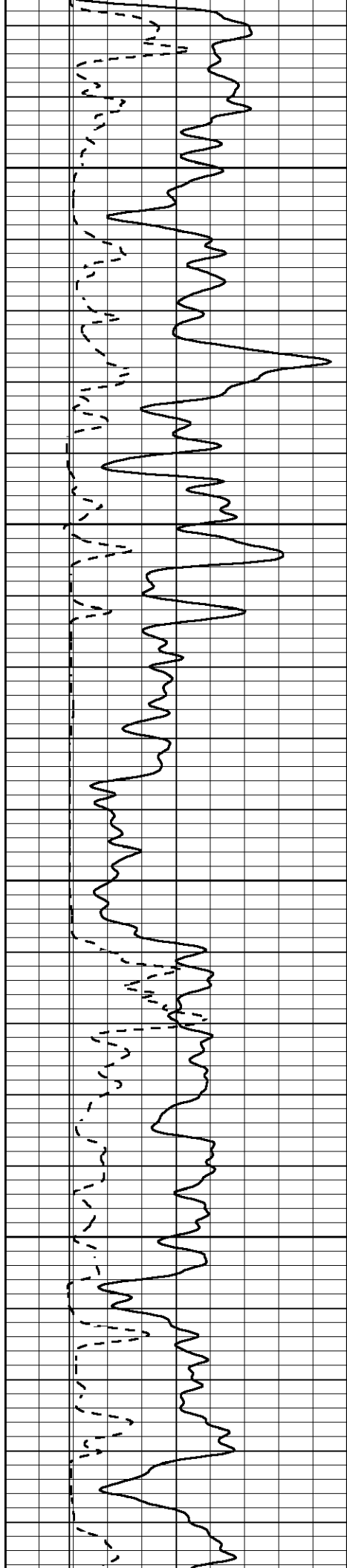


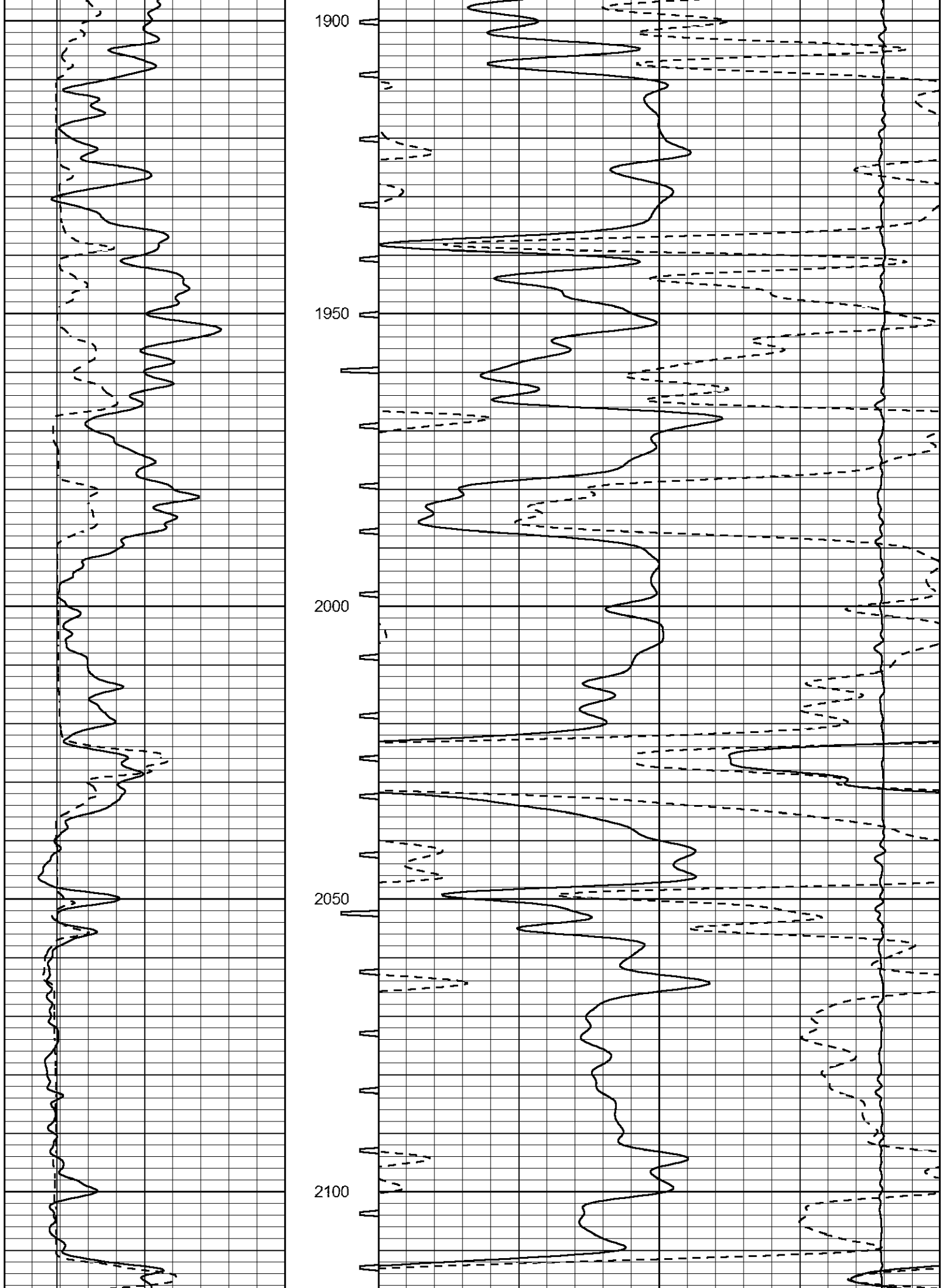


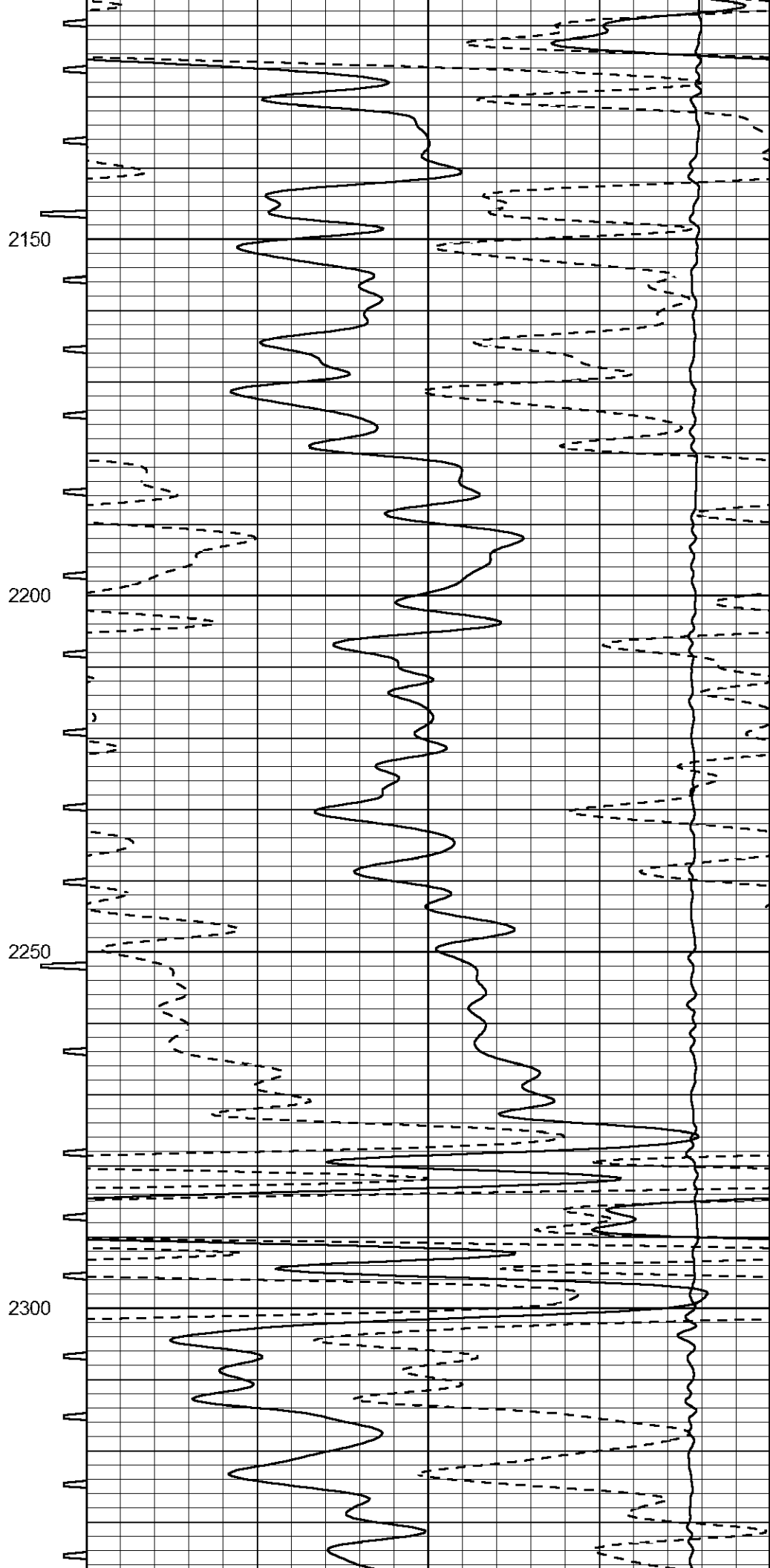
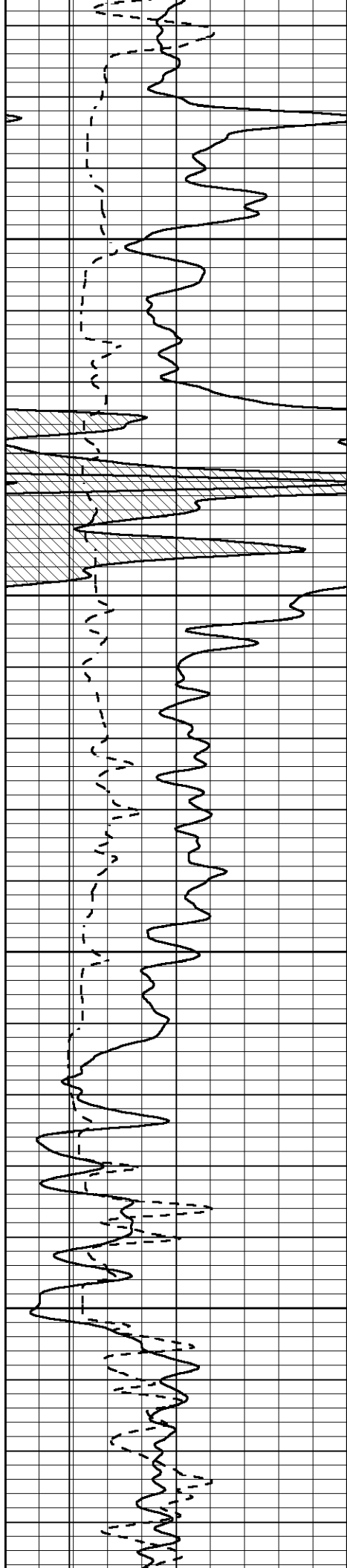


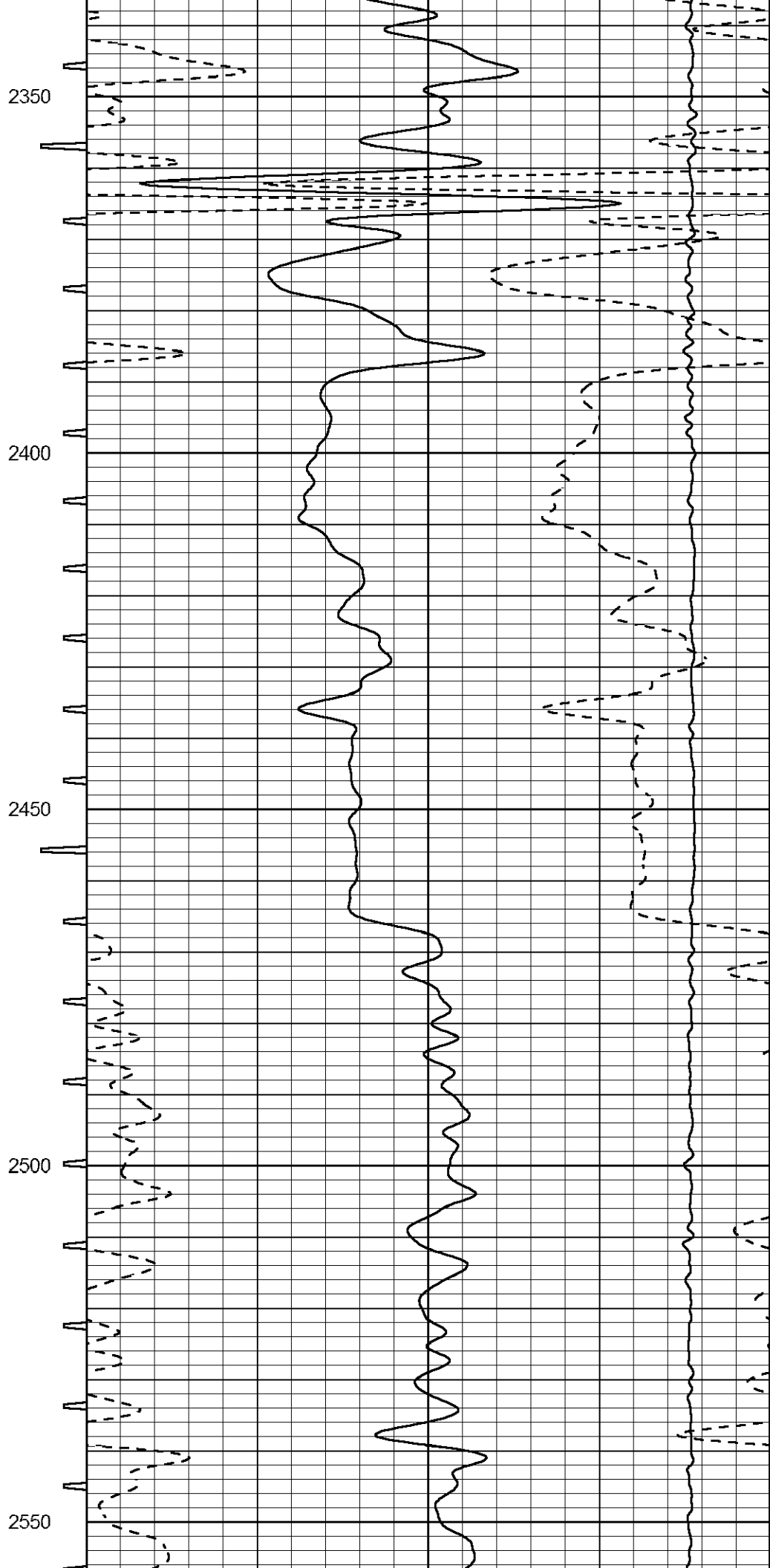
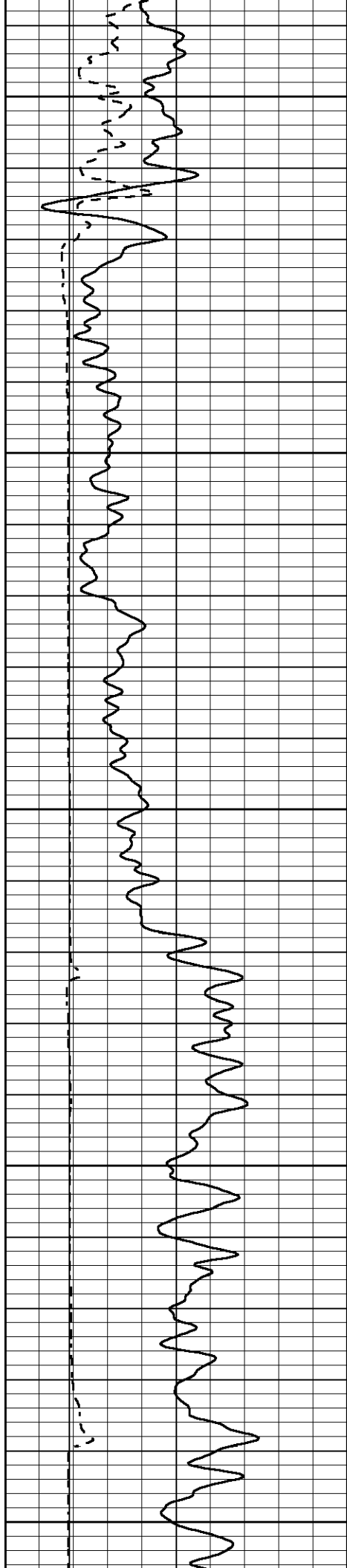












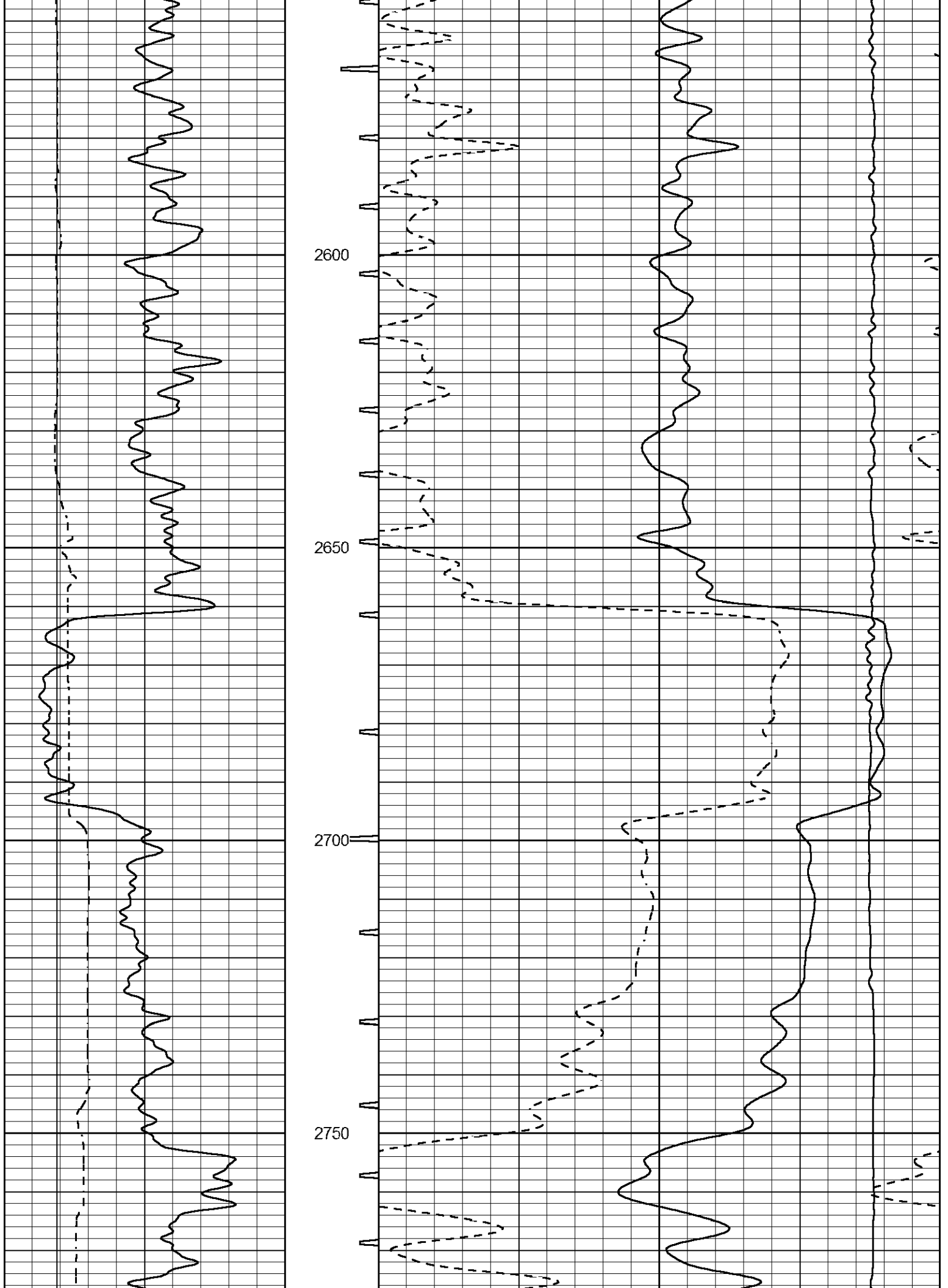
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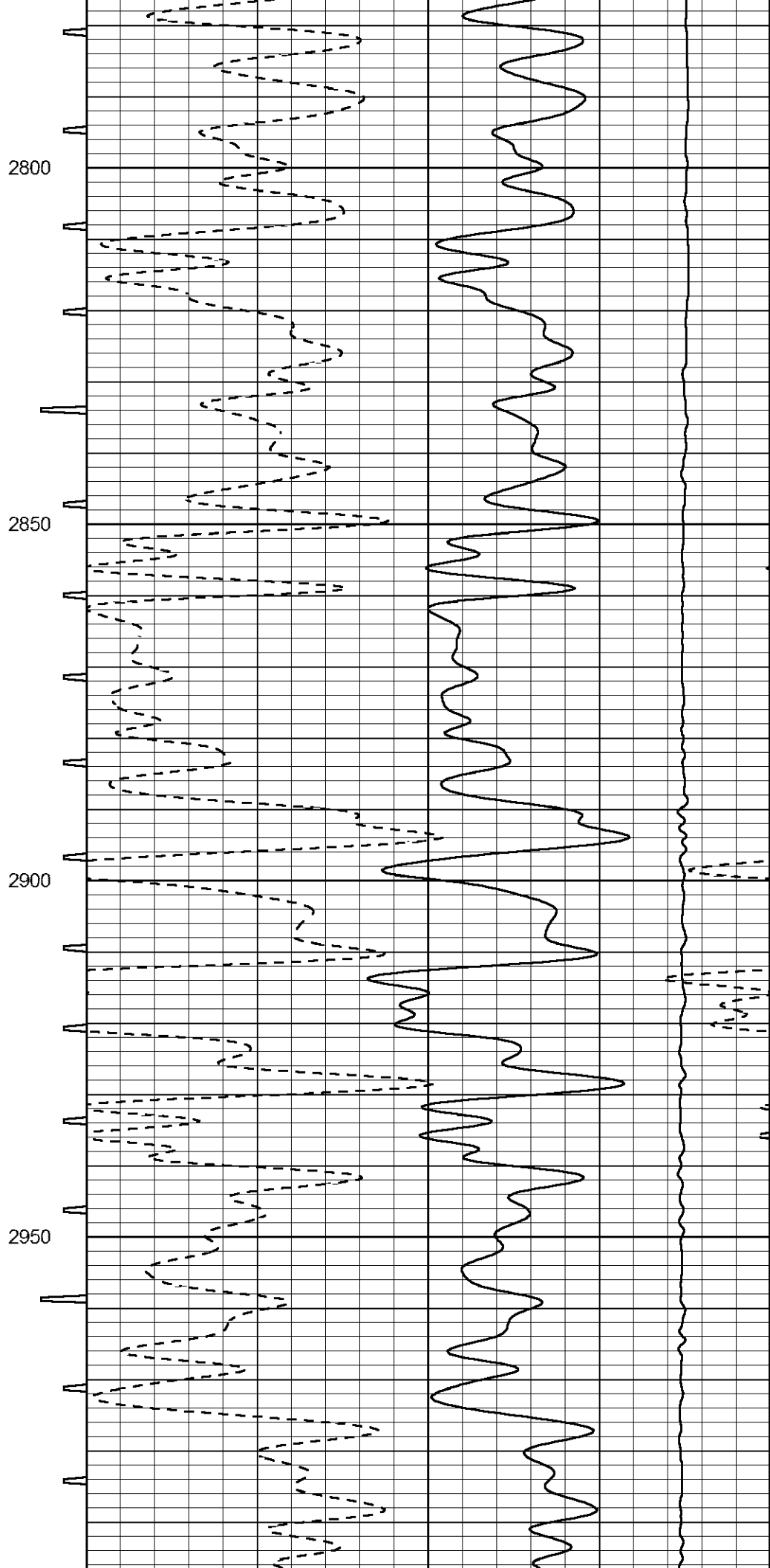
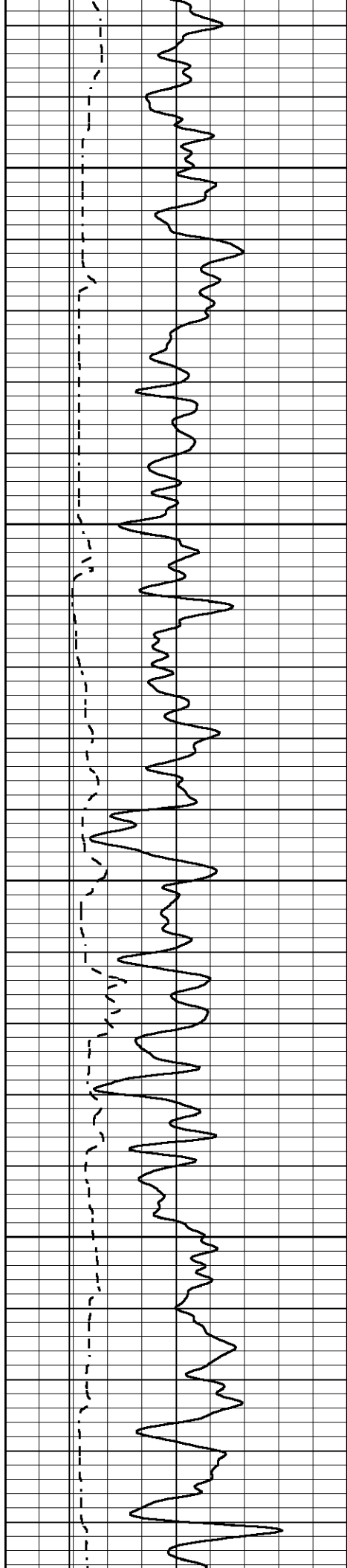
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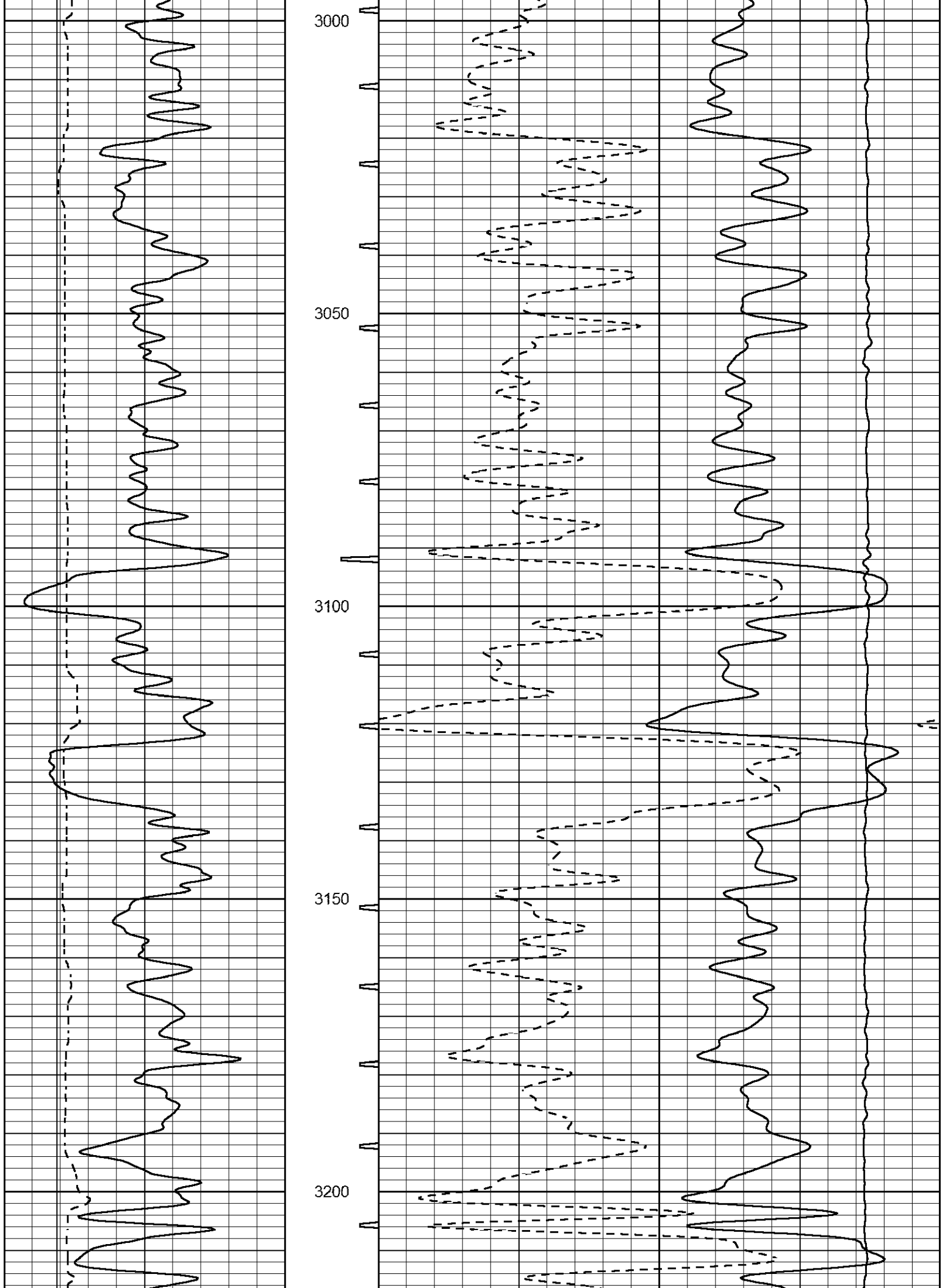
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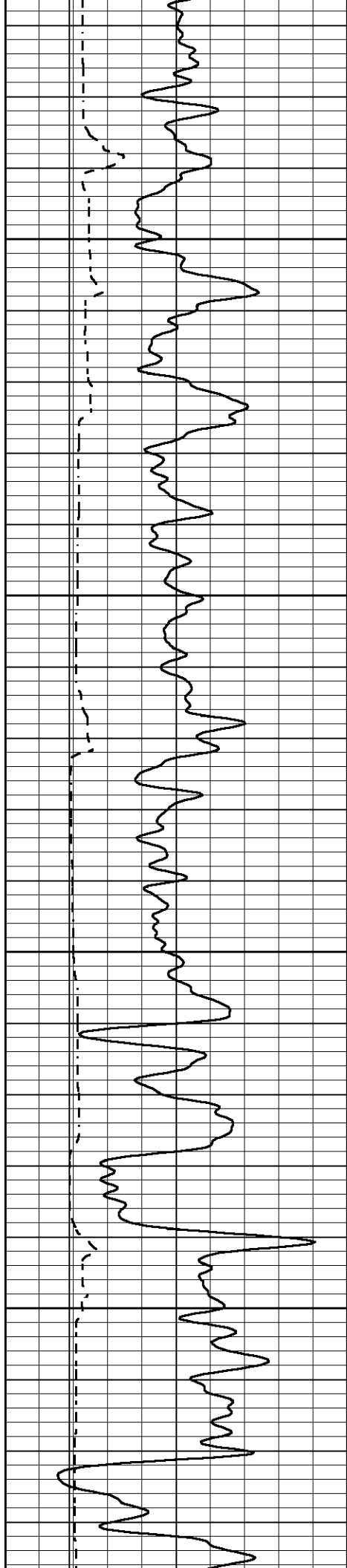
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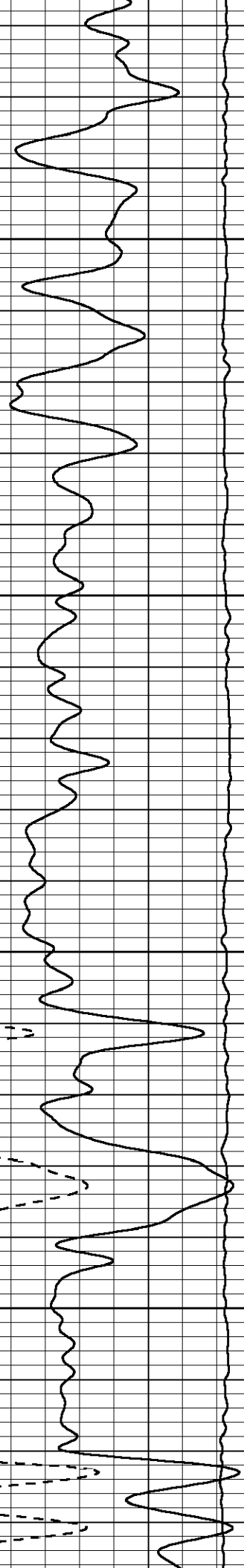
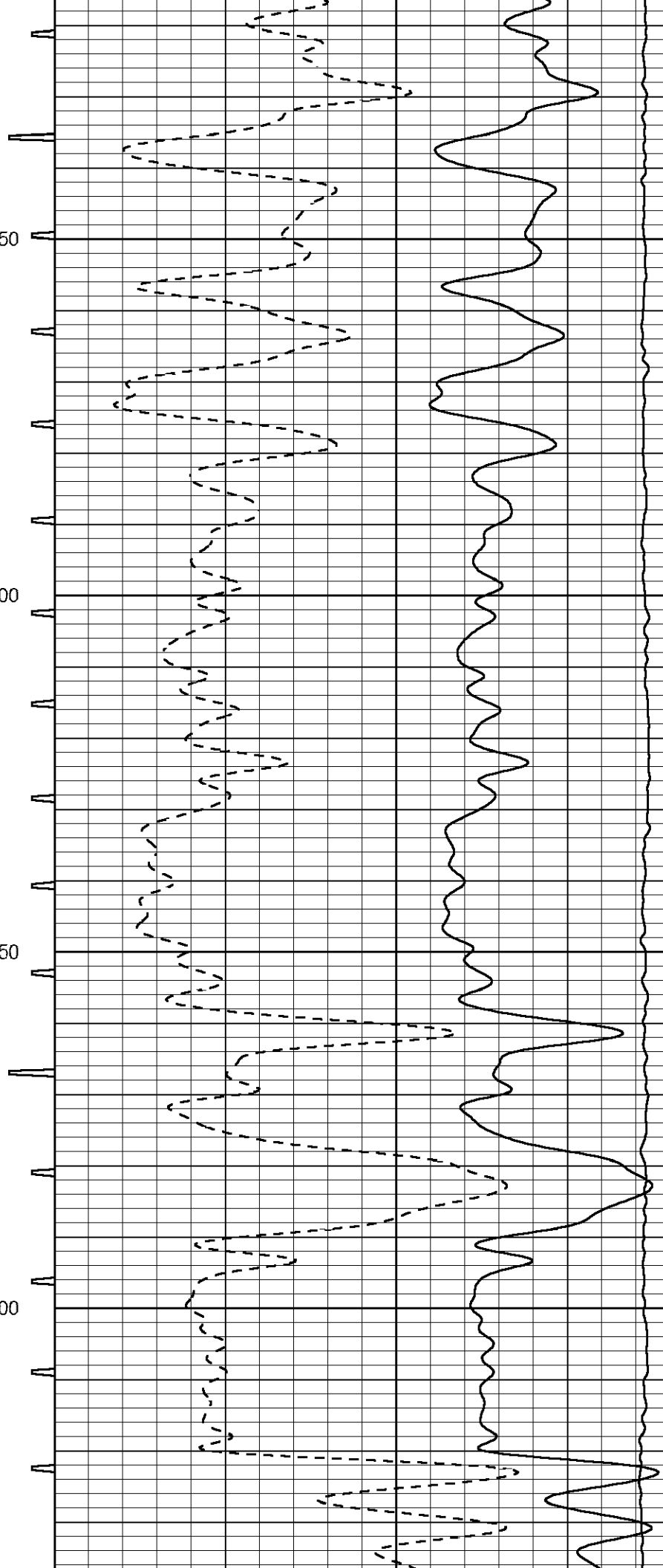


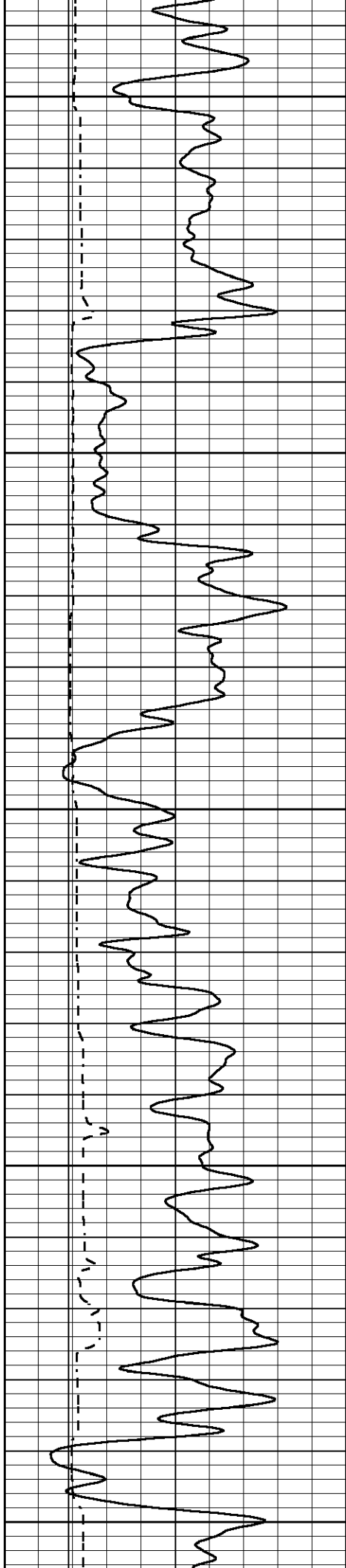
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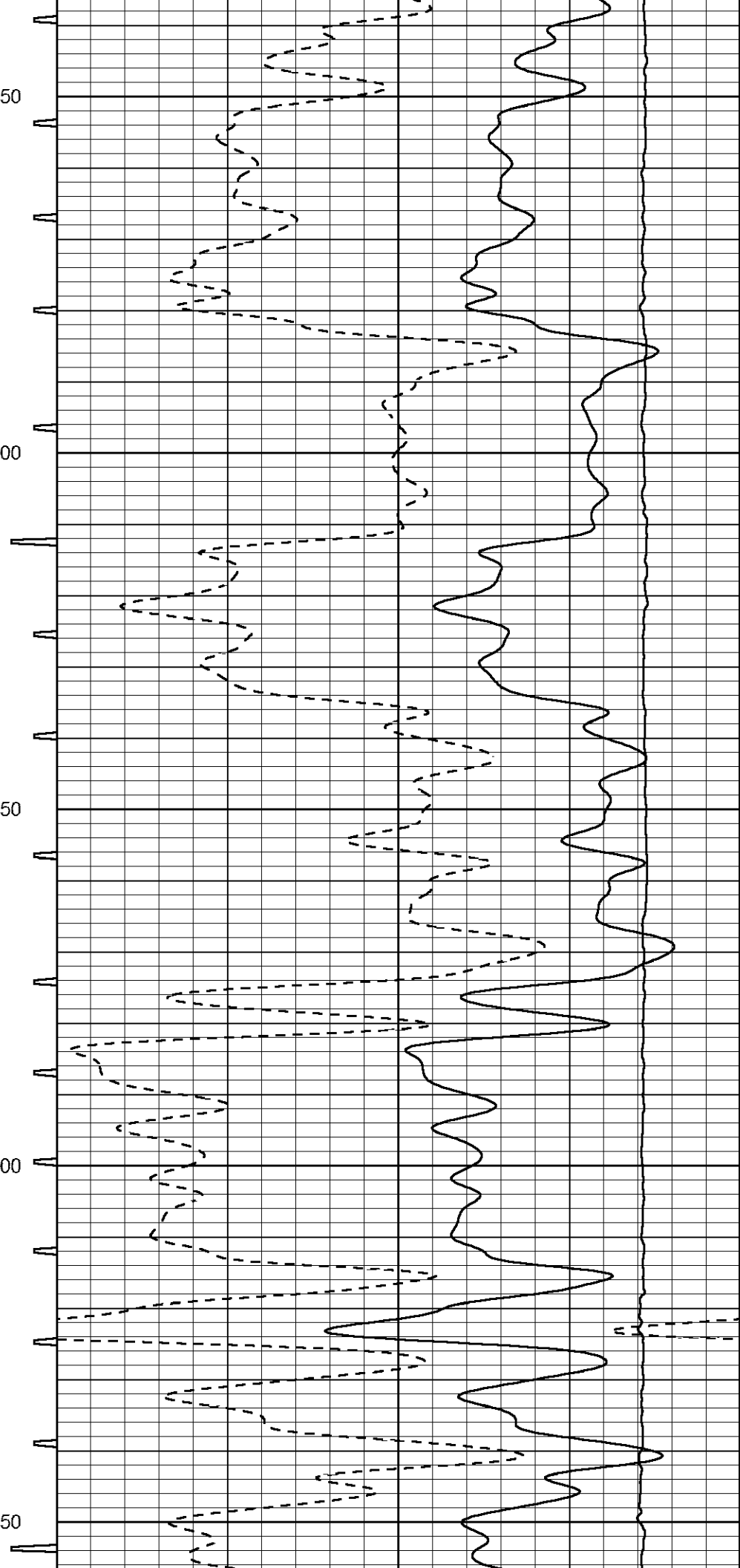
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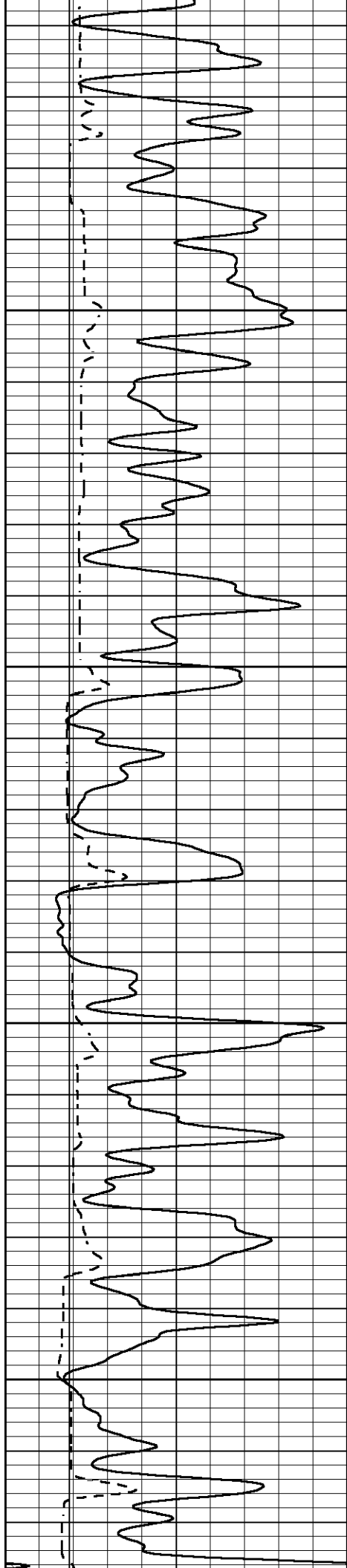
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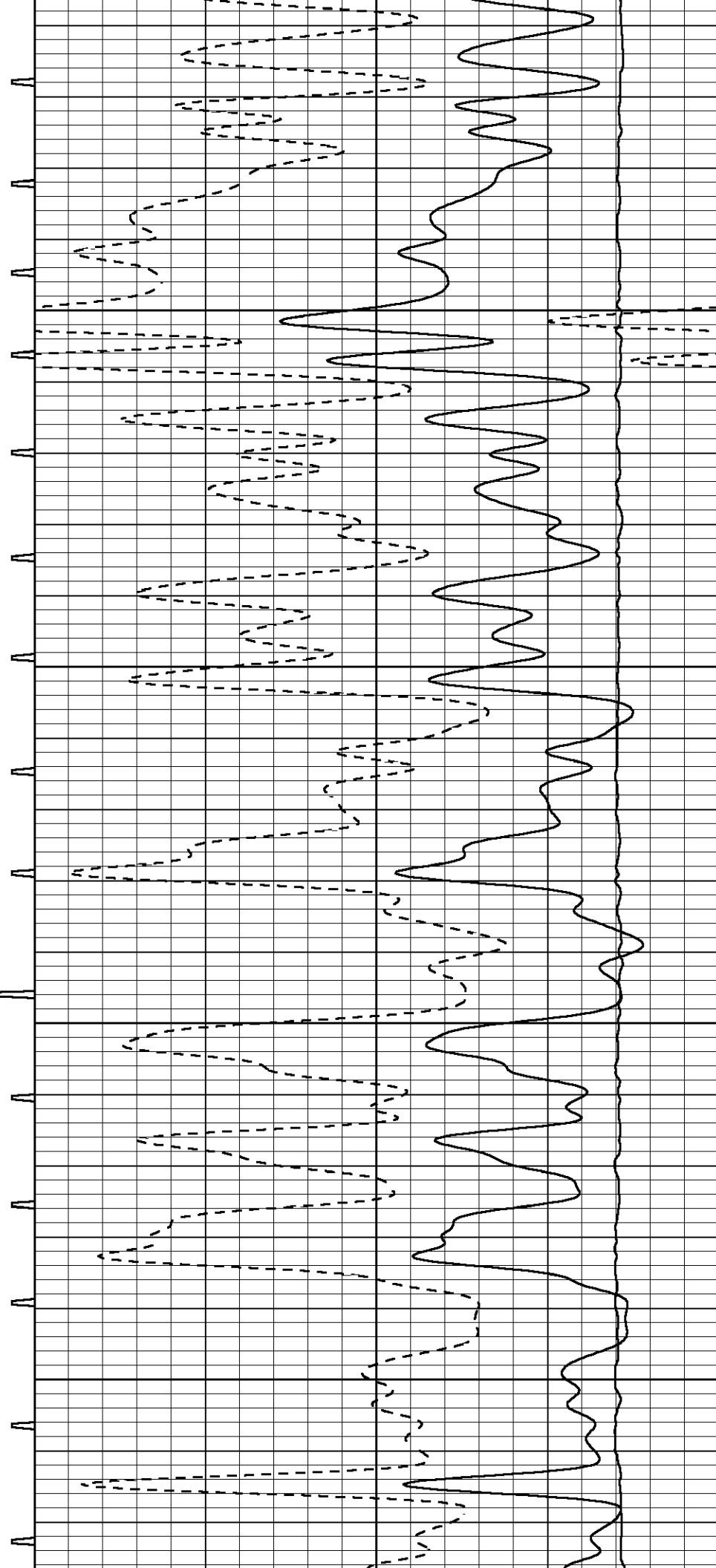


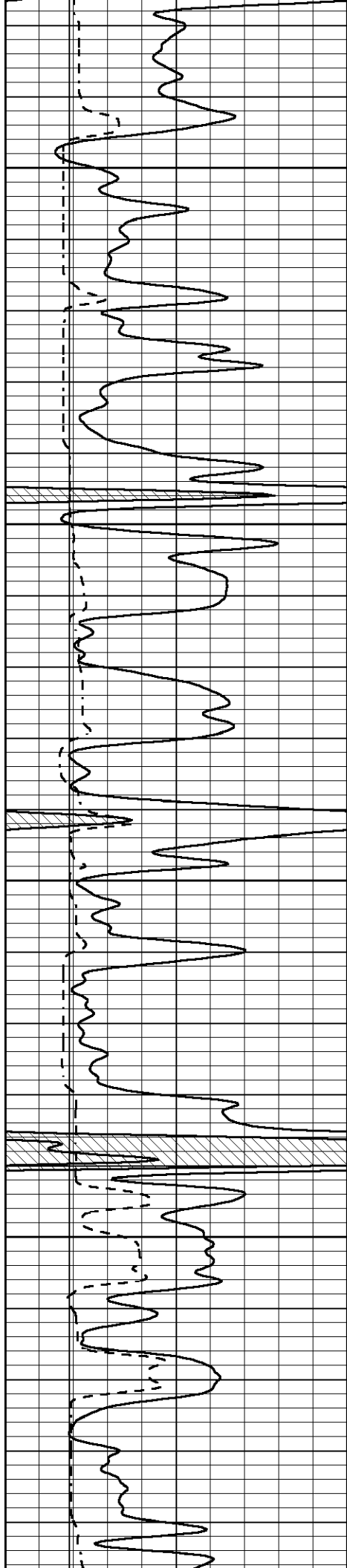
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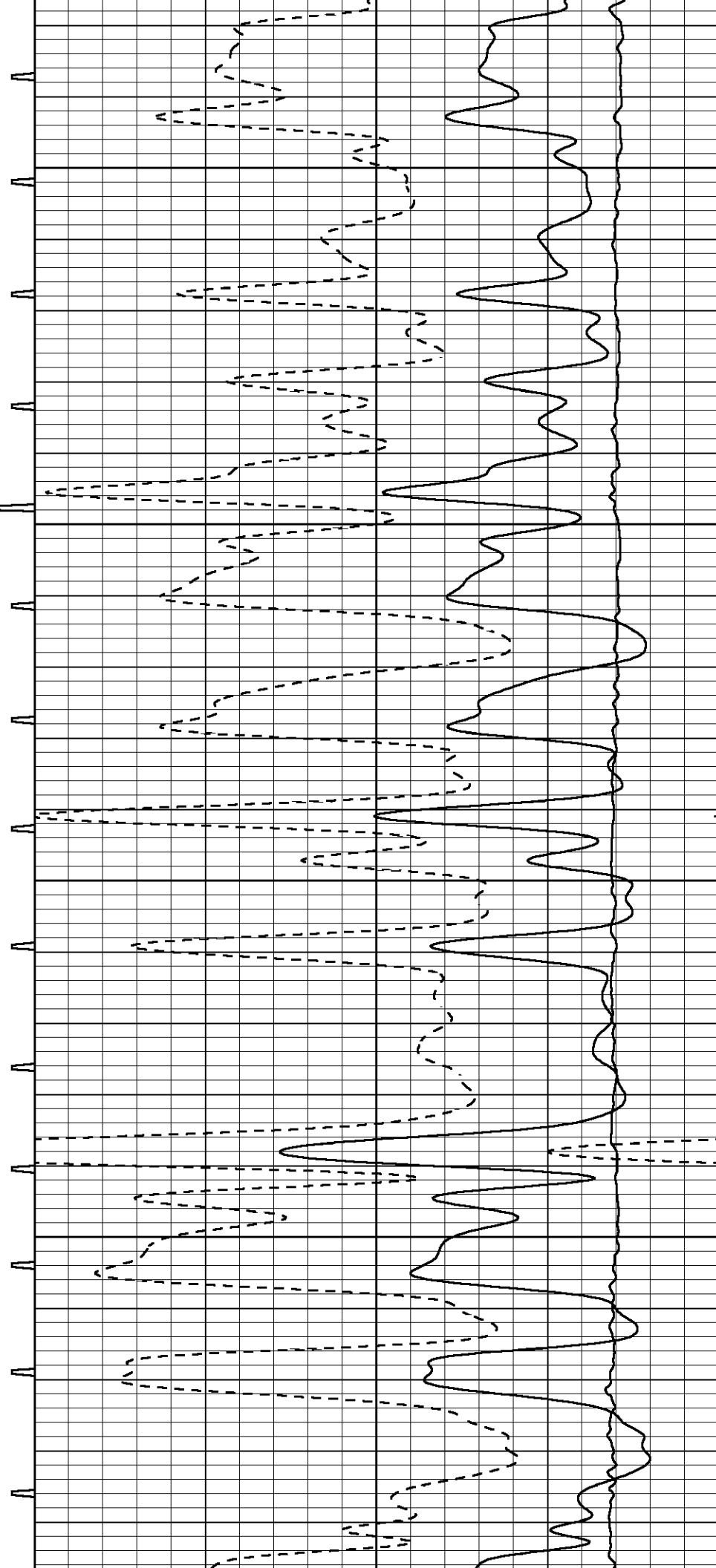


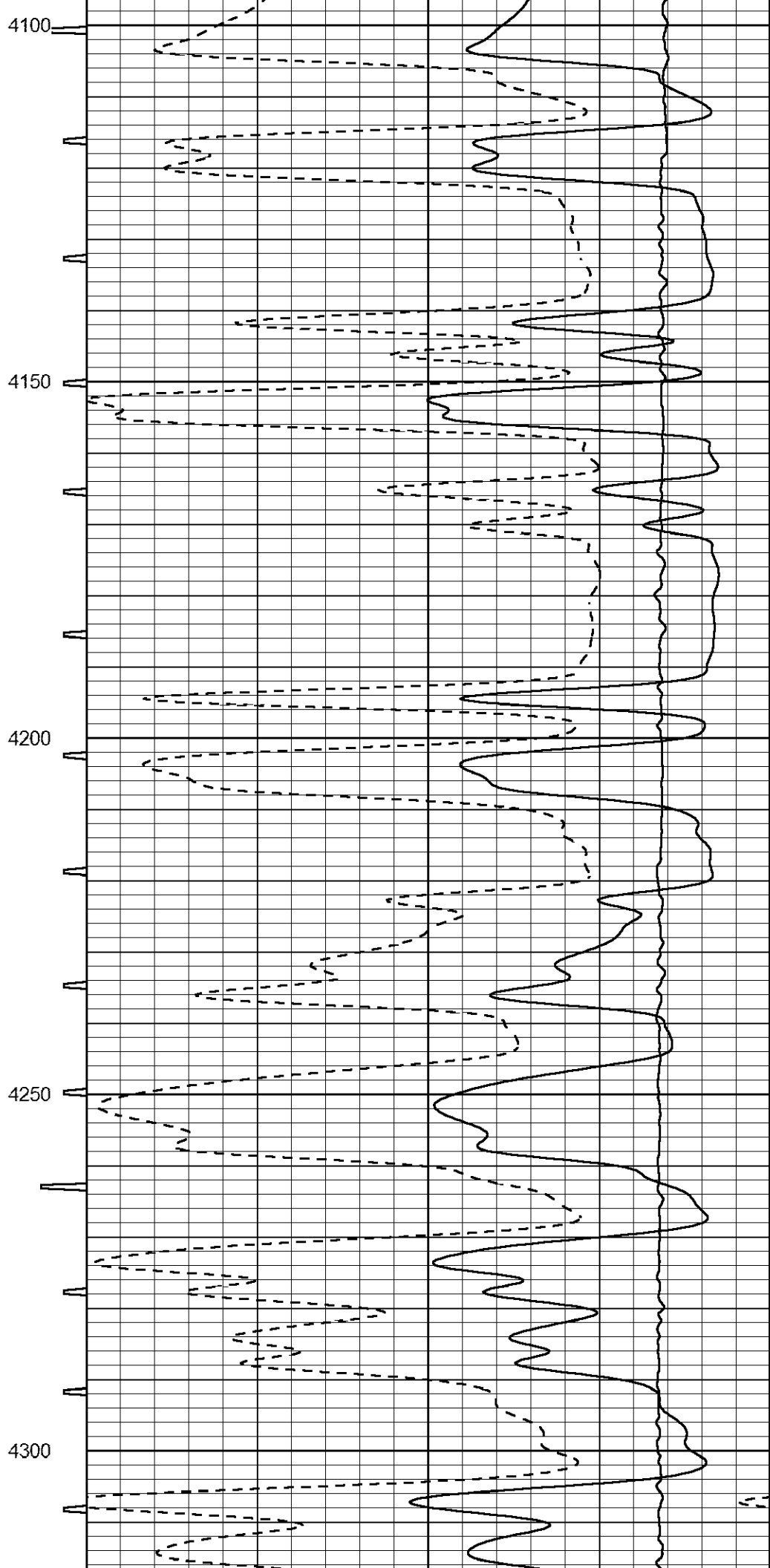
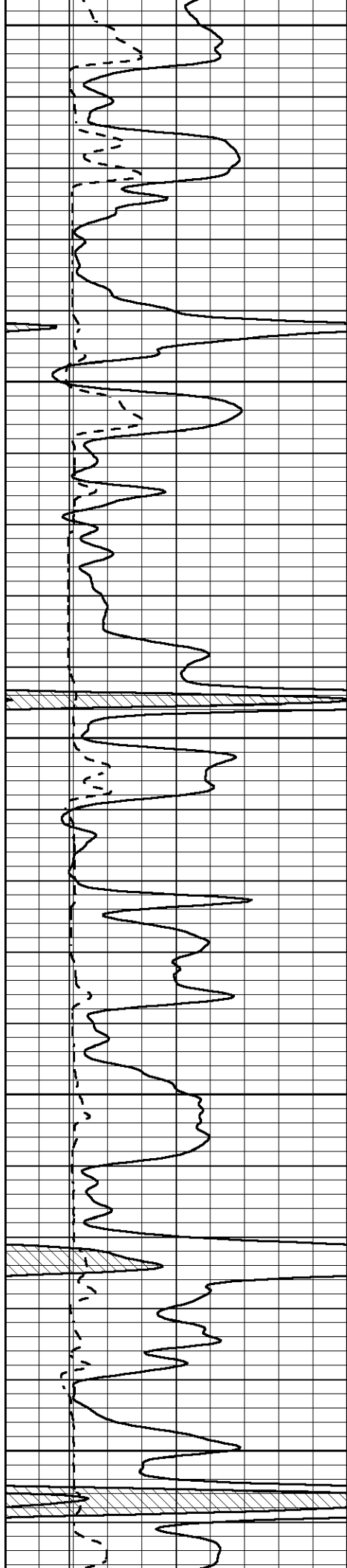
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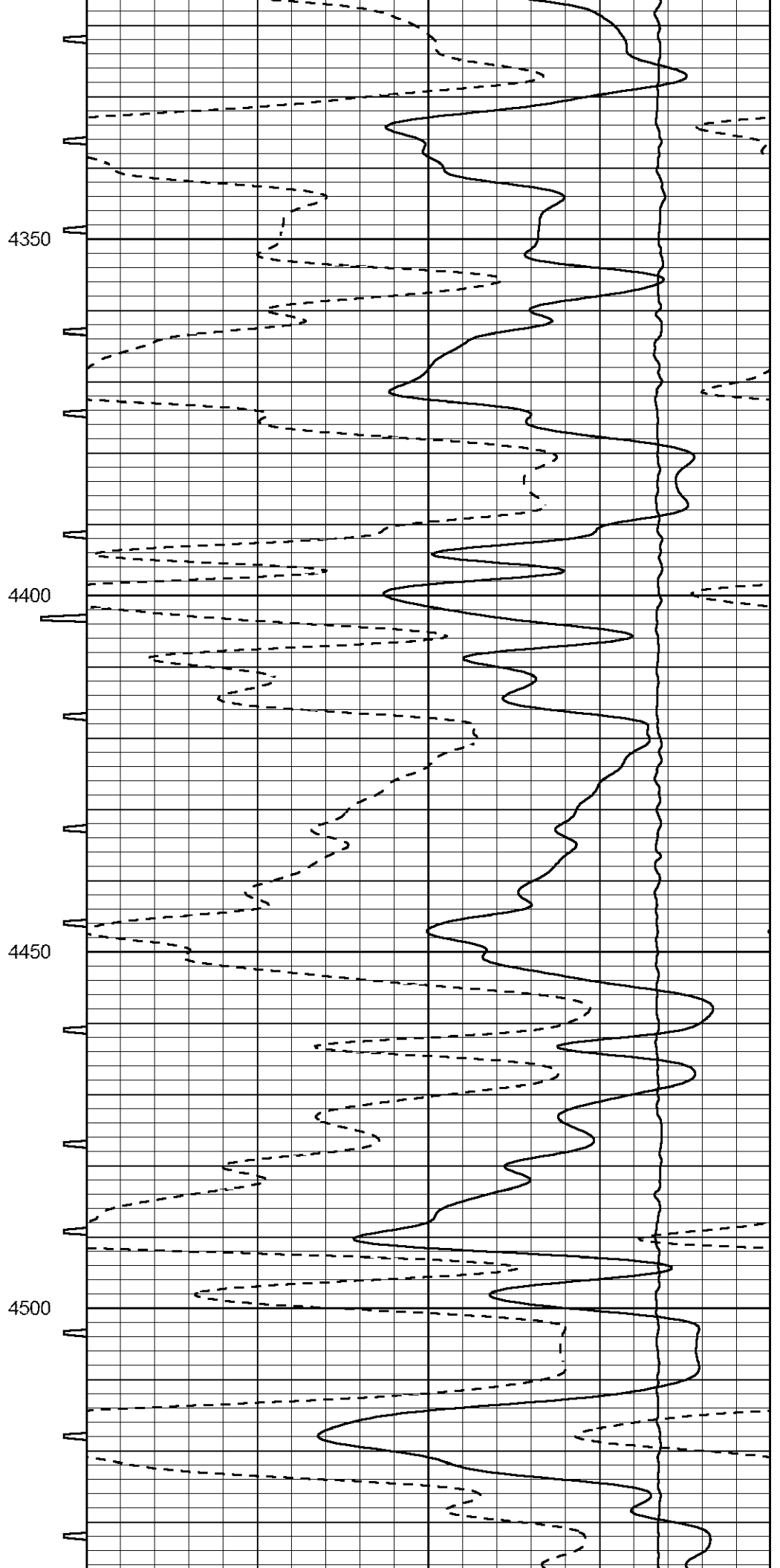
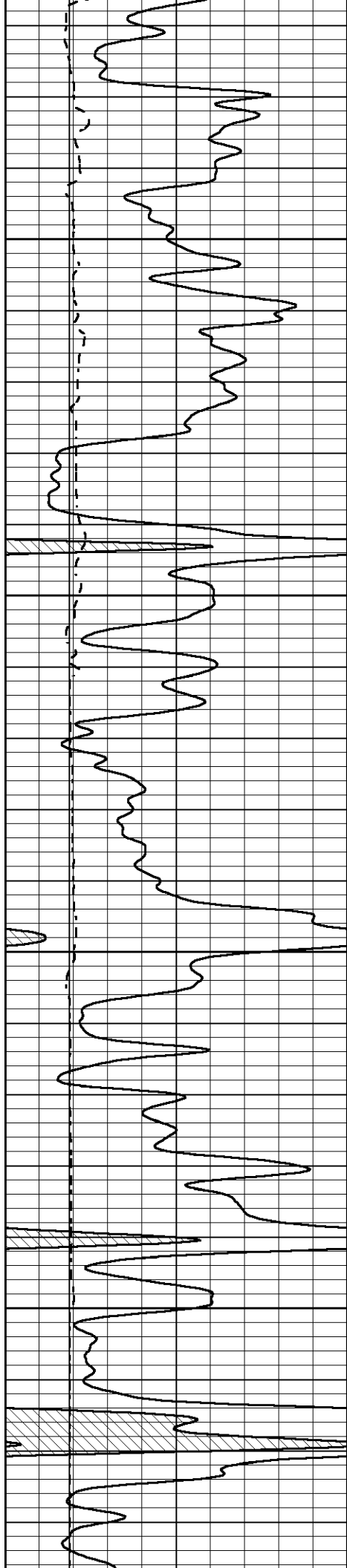
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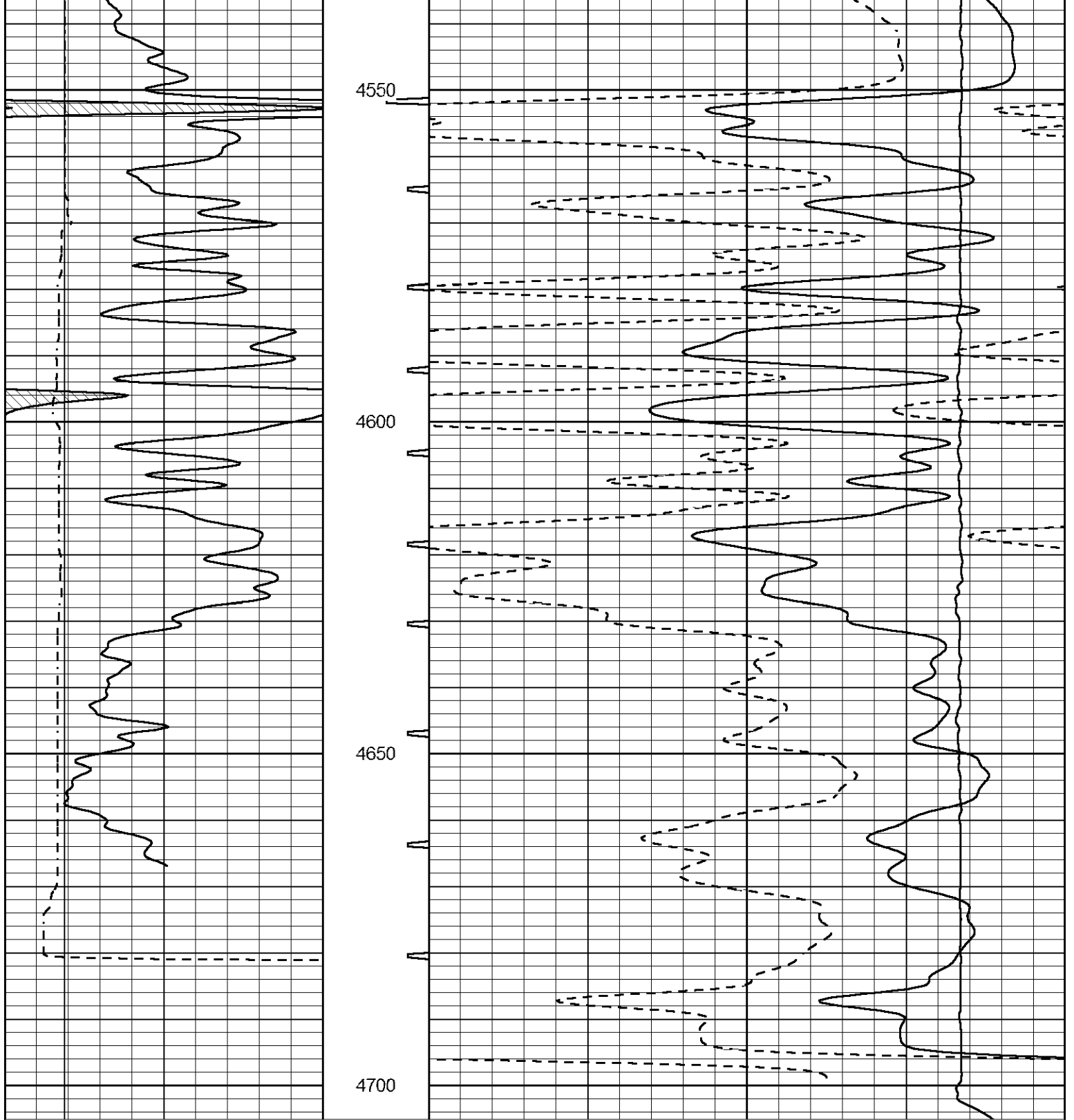
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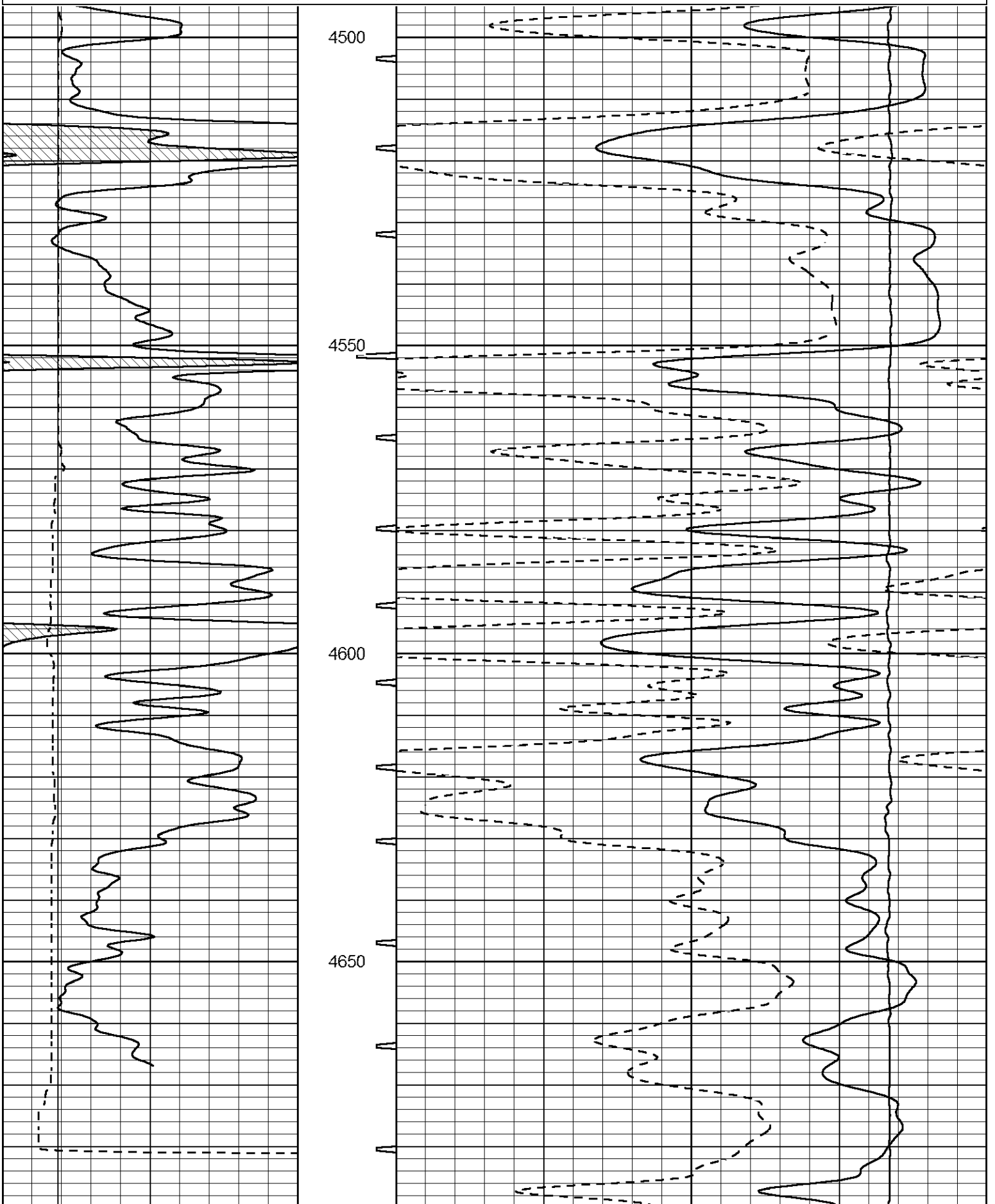
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6	CALIPER (in)	16	TRAVEL TIM	30	SONIC POROSITY (pu)	-10
6	BIT SIZE	16	(msec)	15000	LINE TENSION (lb)	0




REPEAT SECTION

Database File carmen_schmitt_baalman_1_23.db
 Dataset Pathname stackml/pass2.1
 Presentation Format sonic

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6	CALIPER (in)	16	TRAVEL TIME	30	SONIC POROSITY (pu)	-10
6	BIT SIZE	16	(msec)	15000	LINE TENSION (lb)	0



			4700			
0	GAMMA RAY (GAPI)	150	SONIC INT	140	DELTA TIME (usec/ft) (usec/ft)	40
6	CALIPER (in)	16	TRAVEL TIME	30	SONIC POROSITY (pu)	-10
6	BIT SIZE	16	(msec)	15000	LINE TENSION (lb)	0

 <p>PIONEER Pioneer Energy Services</p>	Company	CARMEN SCHMITT, INC.
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	Field	WILDCAT
	County	THOMAS
	State	KANSAS