



SONIC LOG

Company	DARRAH, JOHN JAY, JR.		
Well	BACHURA-HICKEY UNIT #20-1		
Field	WILDCAT		
County	MORRIS	State	KANSAS
Location:	AP1 # : 15-127-20589-00-00		Other Services CDL/CNL/DIL ML
Permanent Datum		GROUND LEVEL	Elevation 1385
Log Measured From		KELLY BUSHING 9' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 20 TWP 16S RGE 8E			
895 FNL & 1515 FEL			
Date	08/10/18		
Run Number	TWO		
Depth Driller	3275		
Depth Logger	3274		
Bottom Logged Interval	3265		
Top Log Interval	50		
Casing Driller	8 5/8@ 212		
Casing Logger	212		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.6/46		
pH / Fluid Loss	8.0/9.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.7@74		
Rmt @ Meas. Temp	1.3@74		
Rmc @ Meas. Temp	2.04@74		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	1.15@109		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	109		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	SETH EVENSON		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395

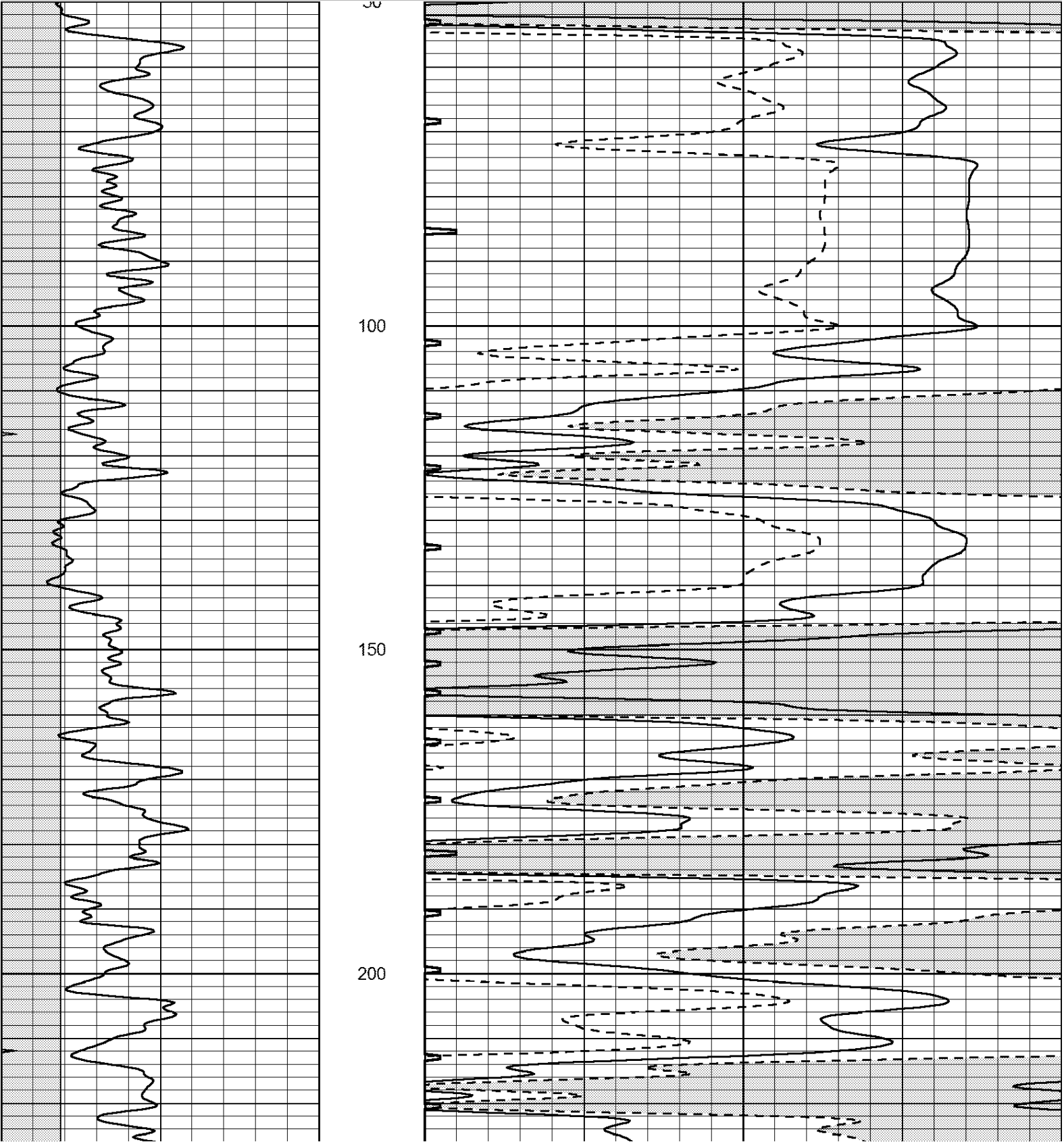
DIRECTIONS
COUNCIL GROVE WEST 2.5 MILES TO 1100 RD.
SOUTH 1/2, WEST INTO.

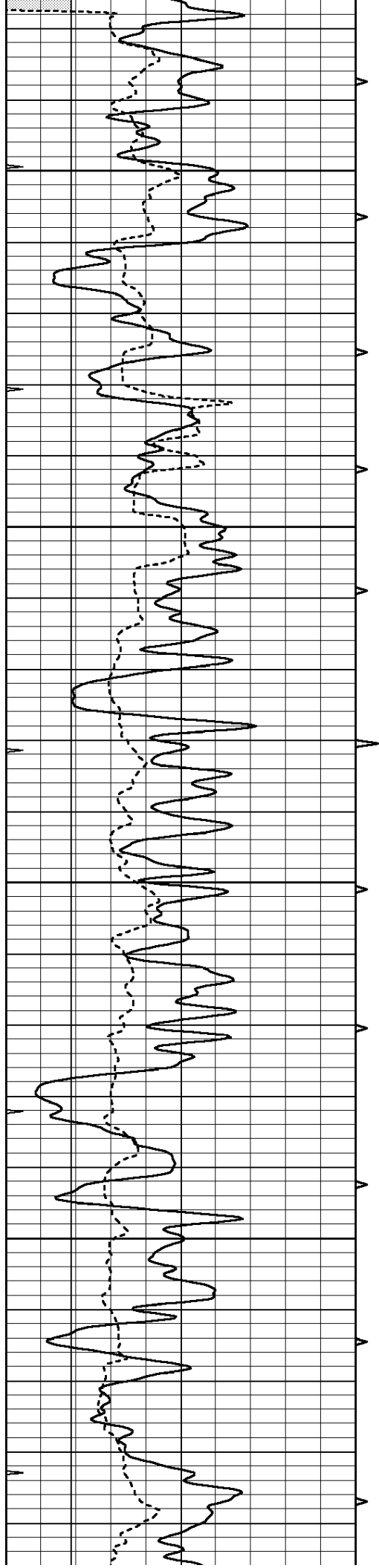


MAIN PASS

Database File: 2901ddn.db
Dataset Pathname: pass5.1
Presentation Format: _slt
Dataset Creation: Fri Aug 10 05:10:22 2018 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			



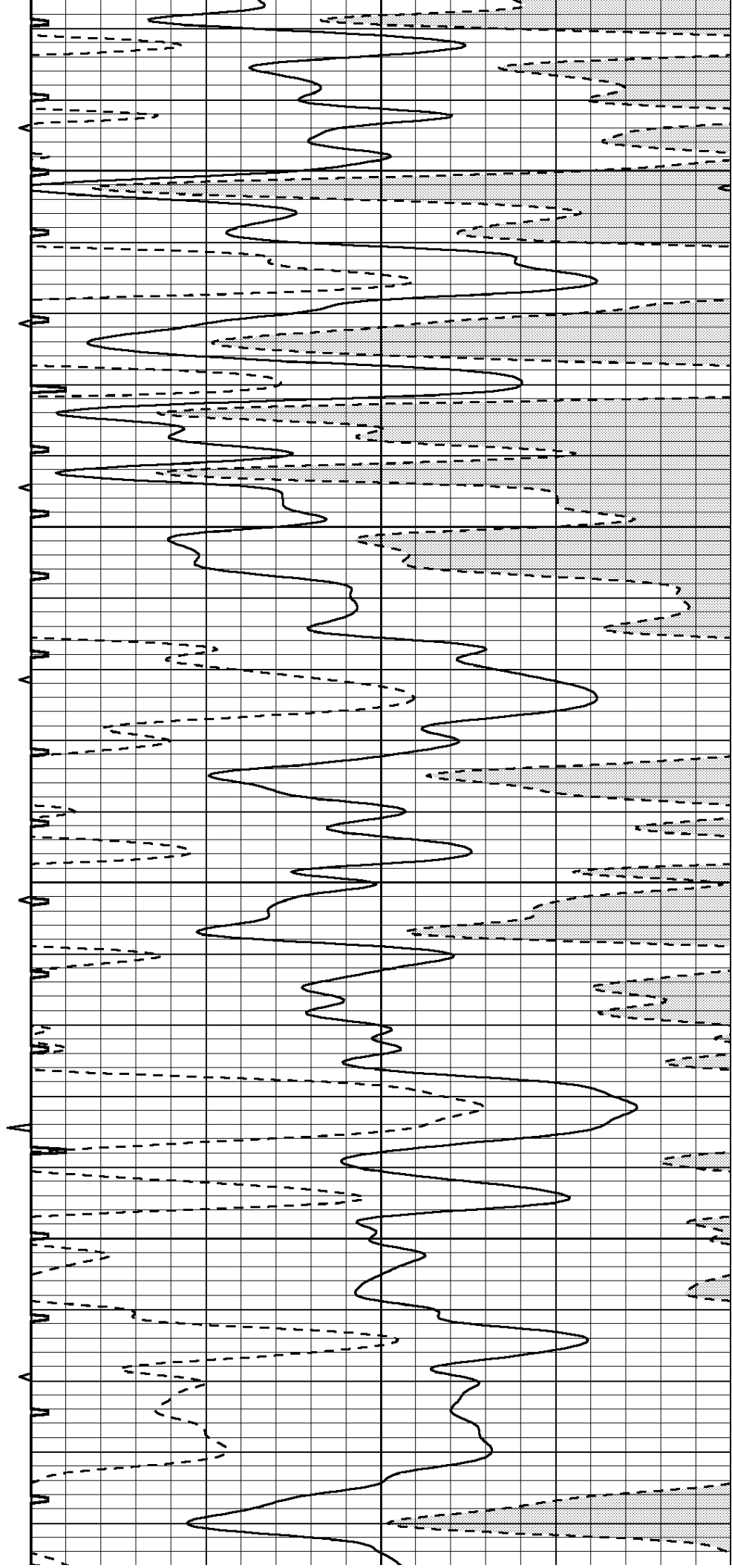


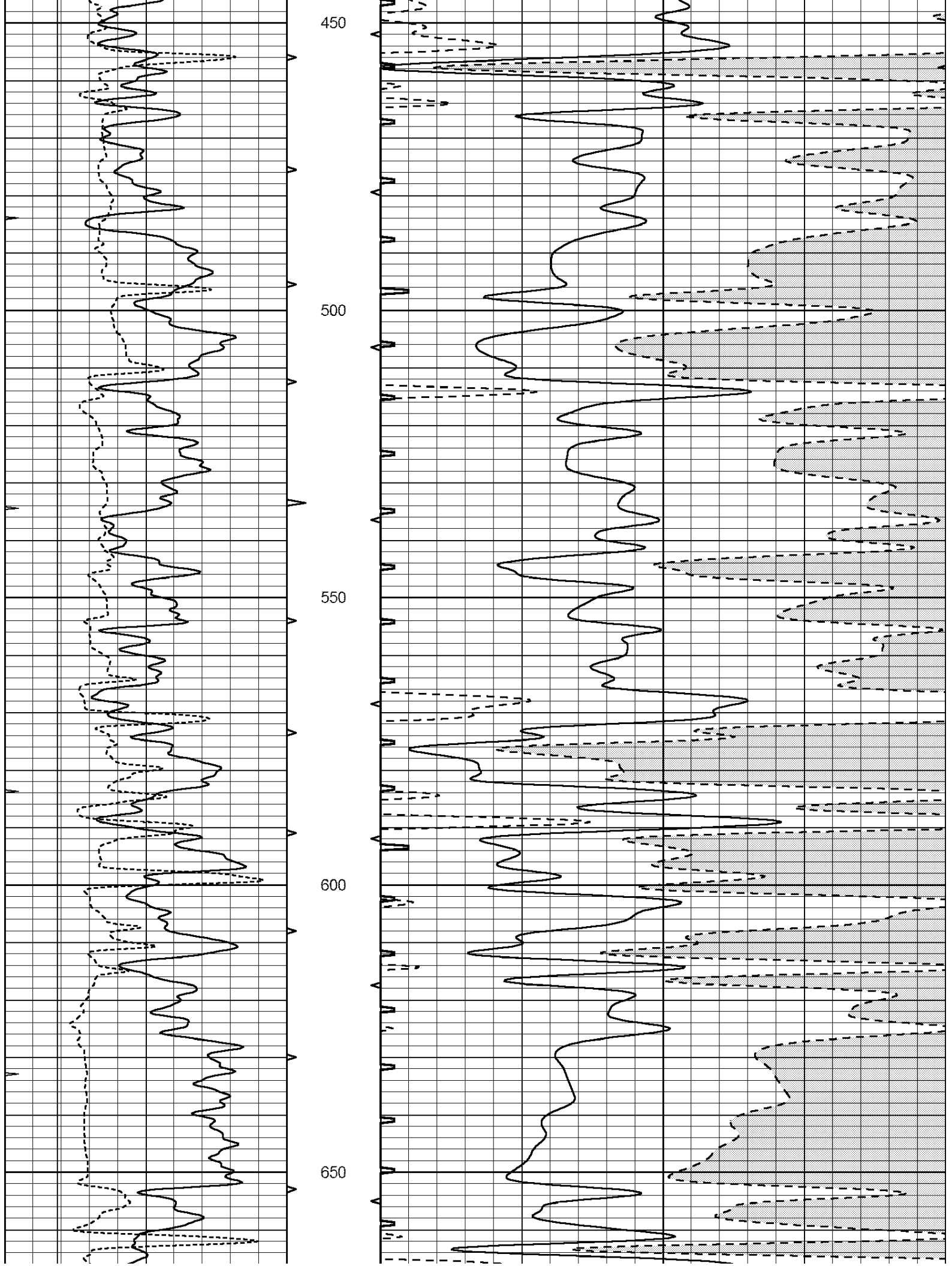
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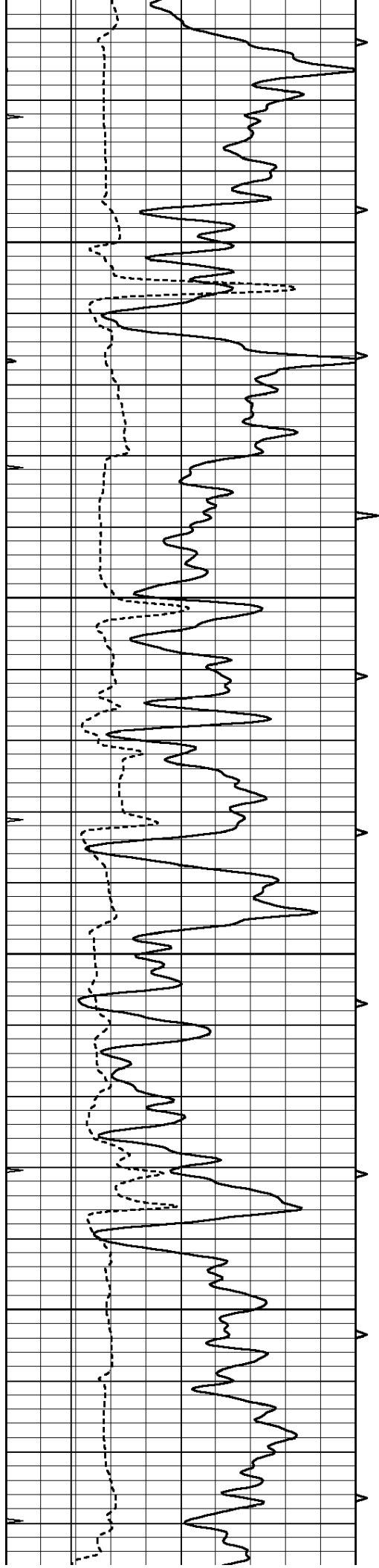
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350

400





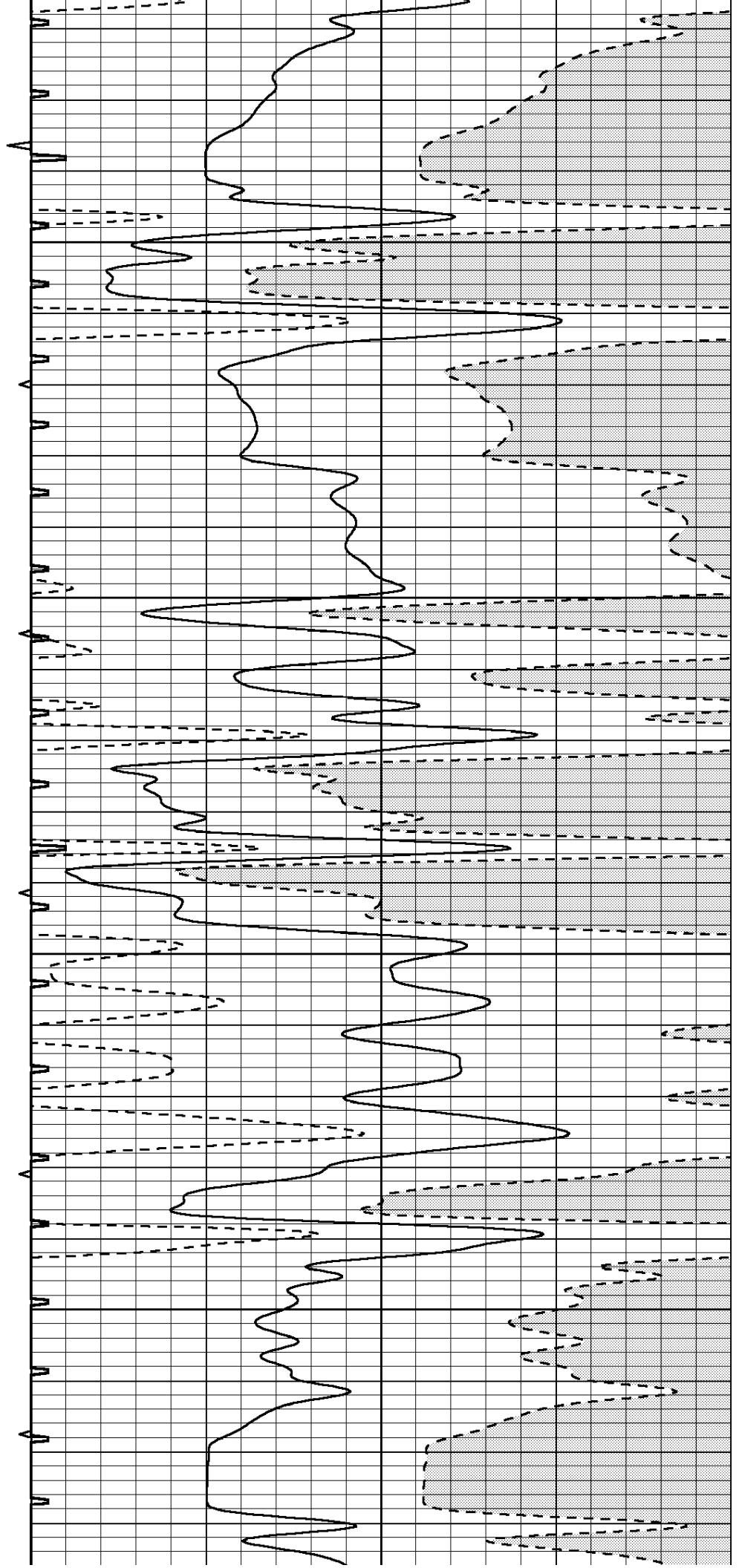


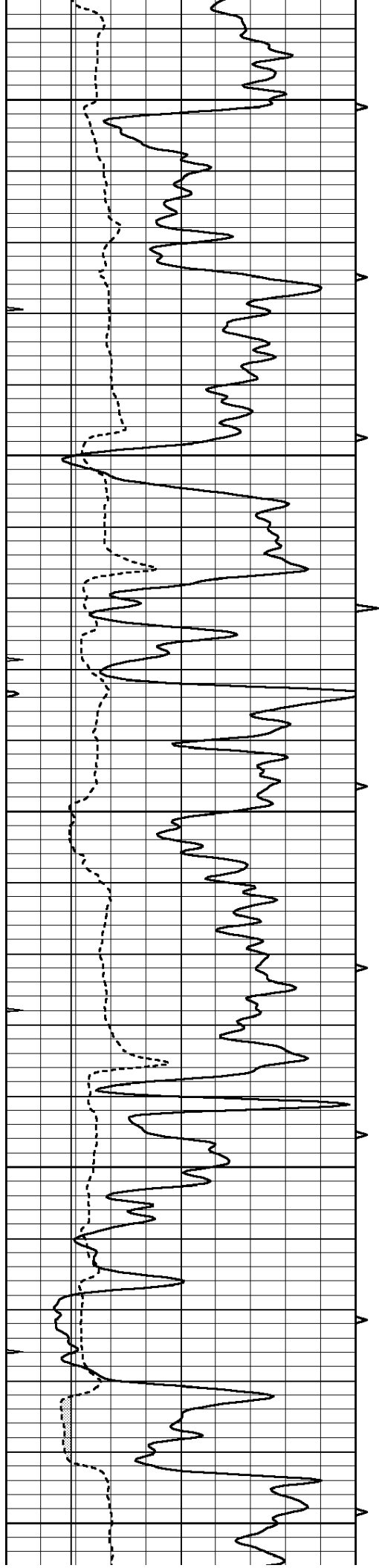
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750

800

850





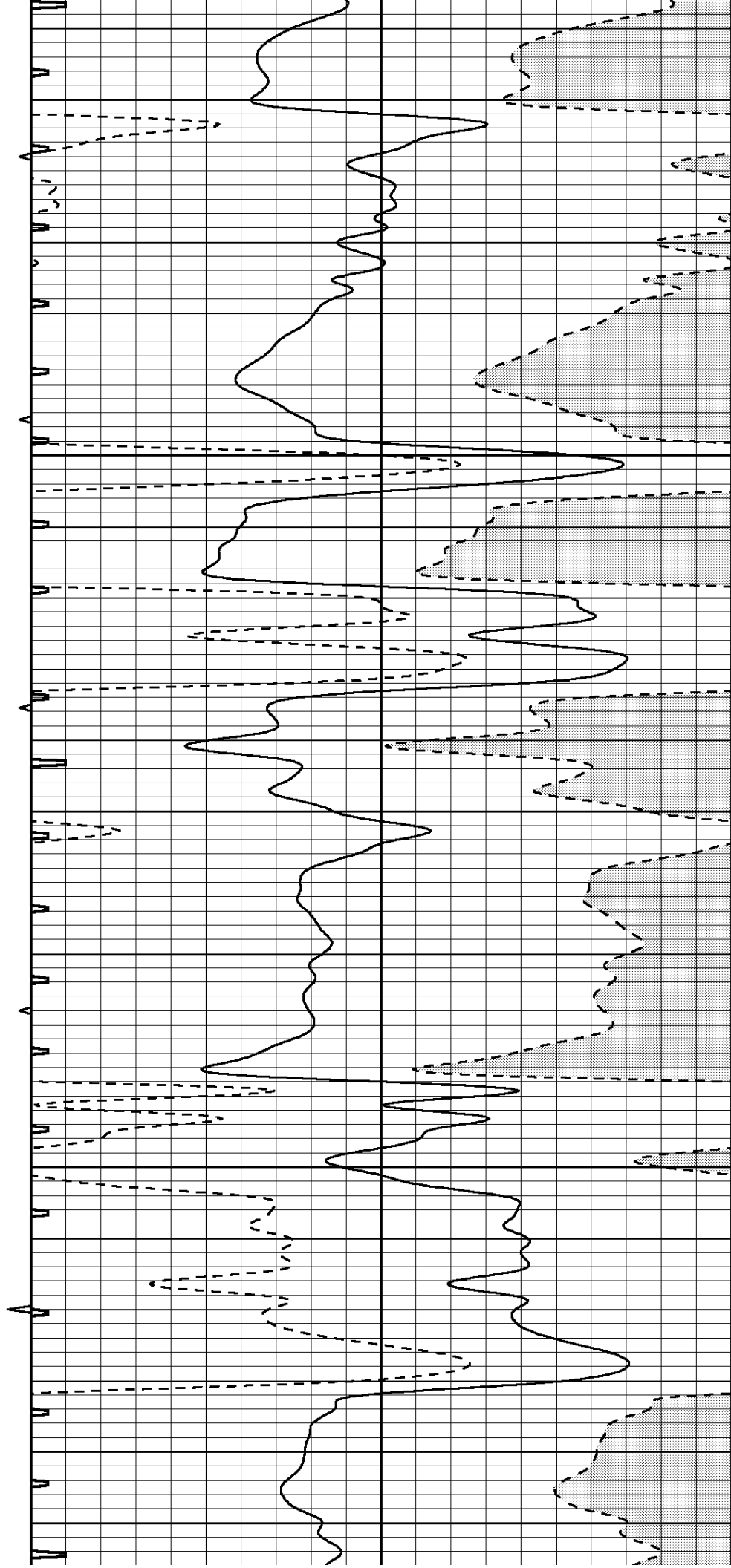
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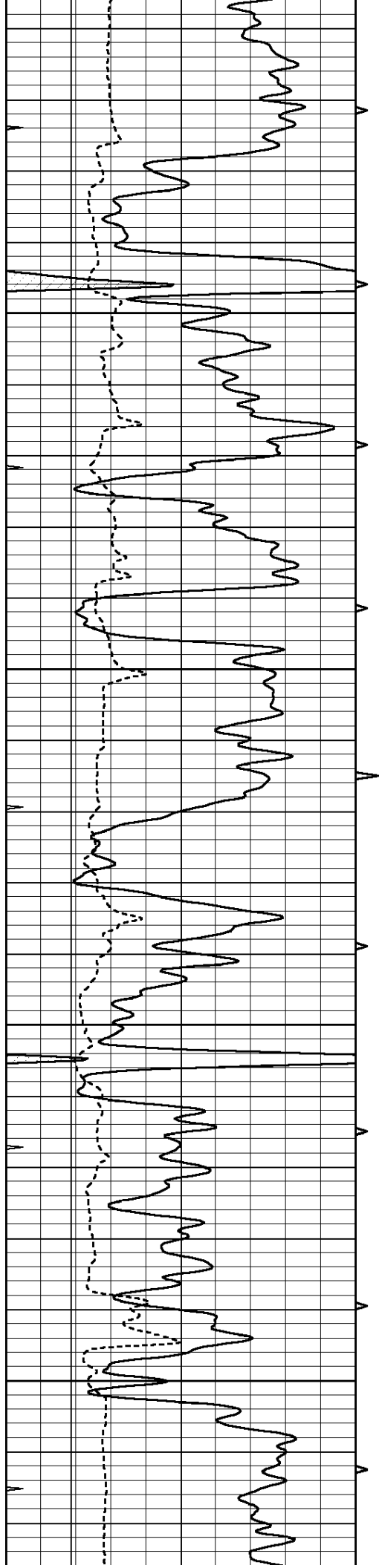
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1000

1050

1100



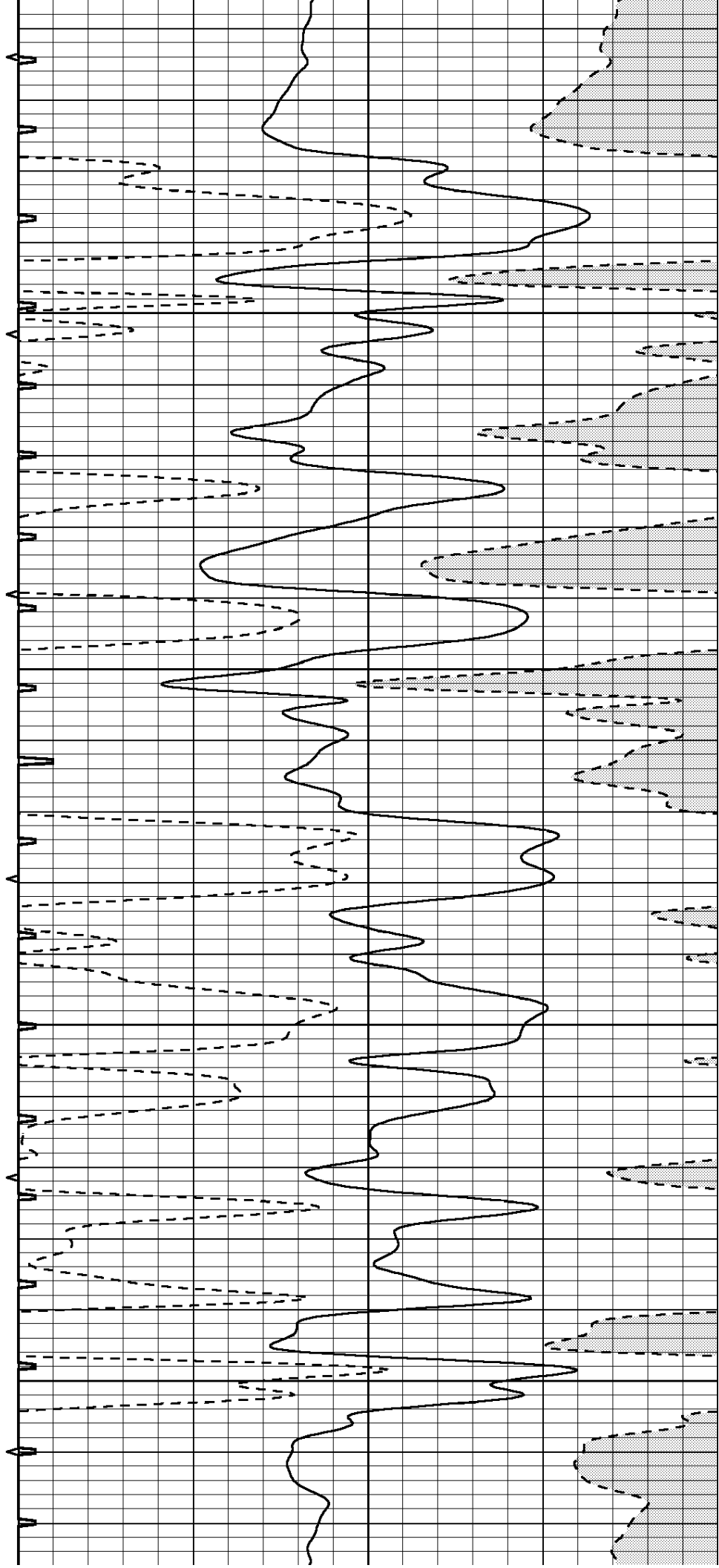


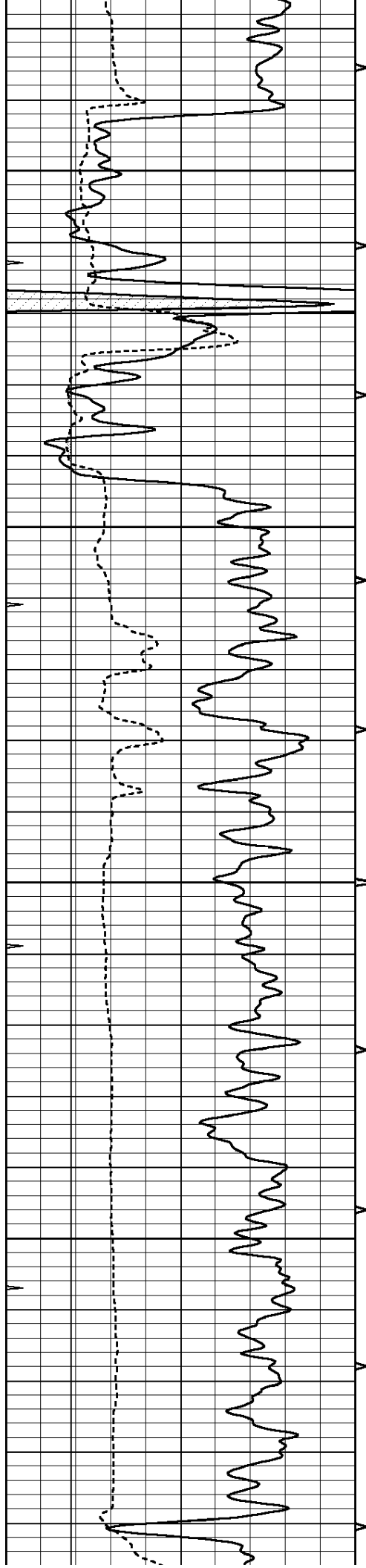
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1200

1250

1300



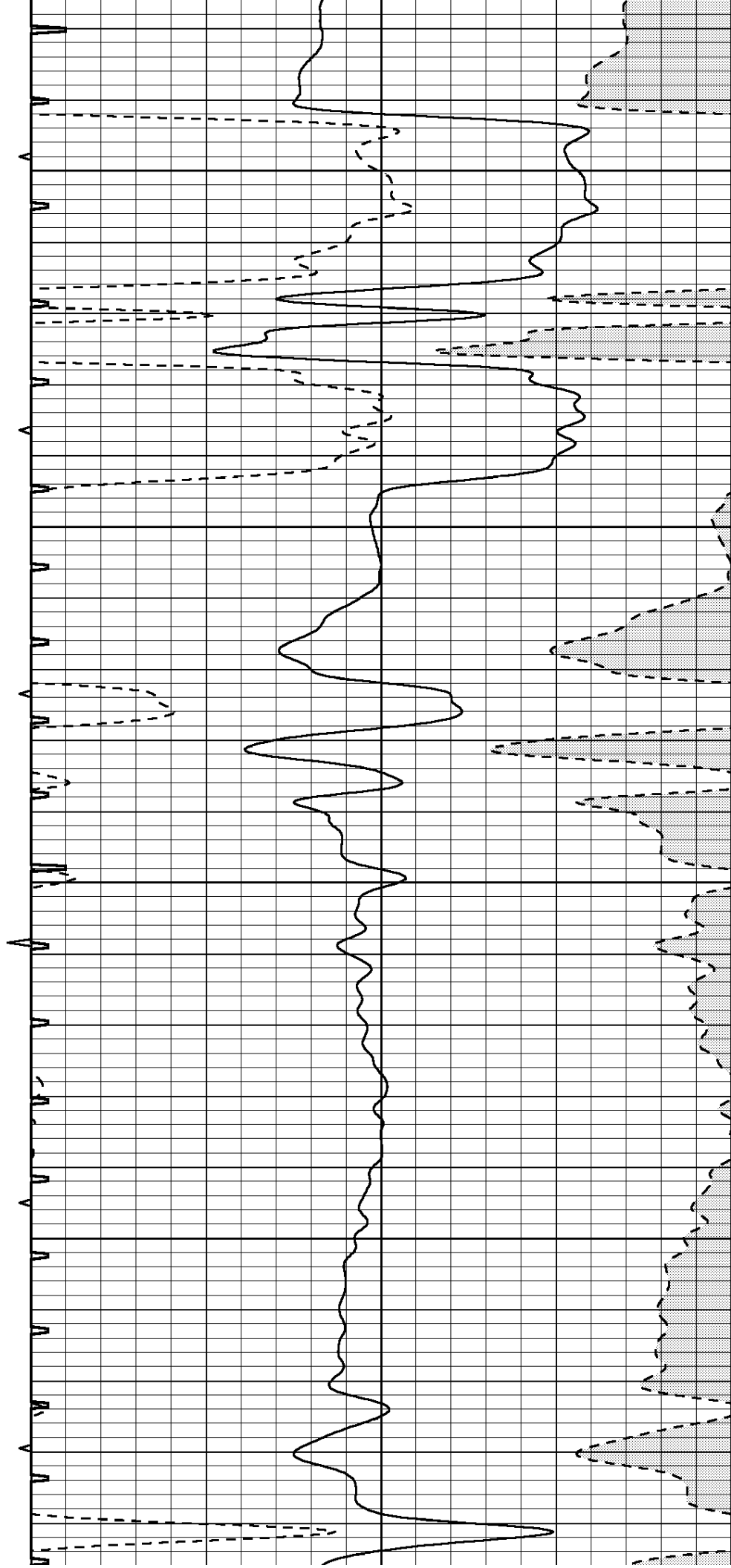


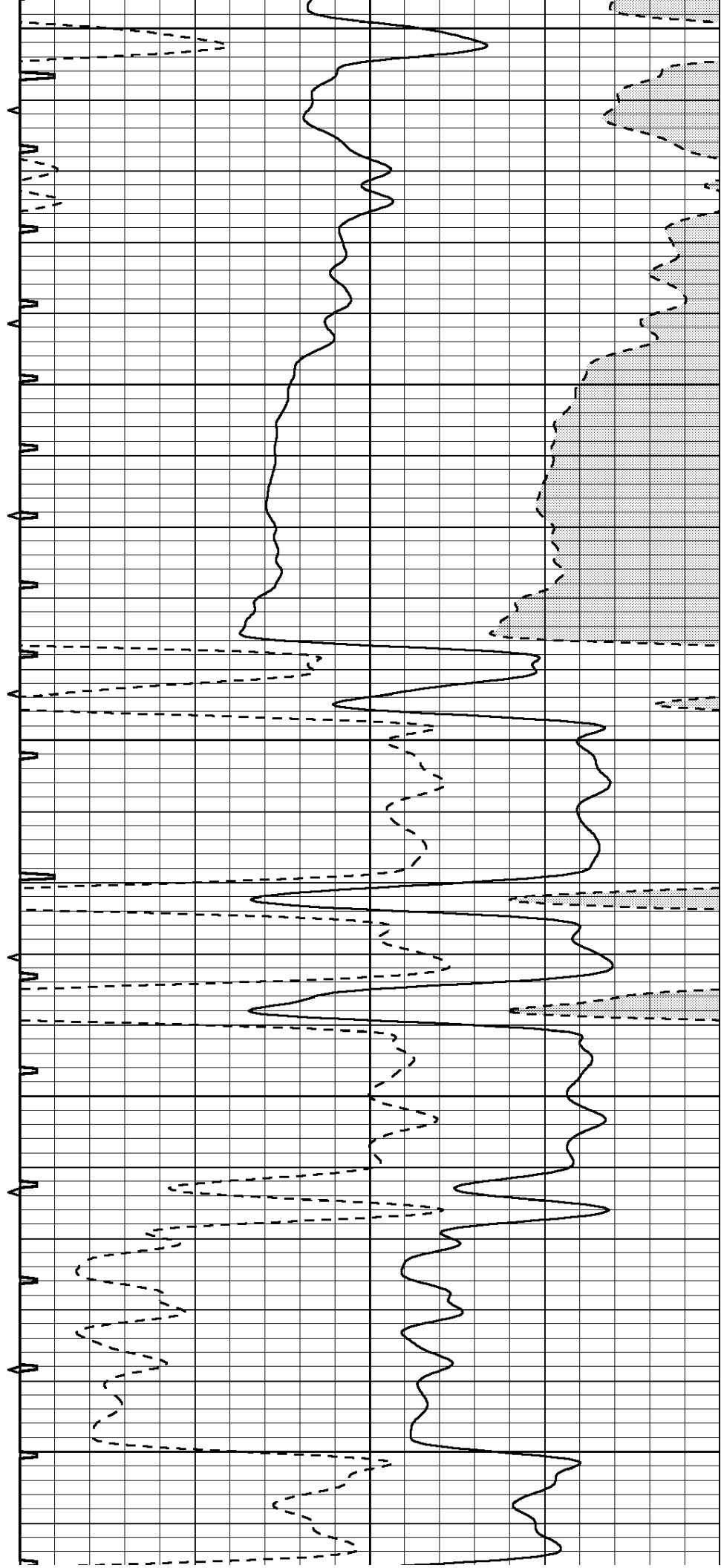
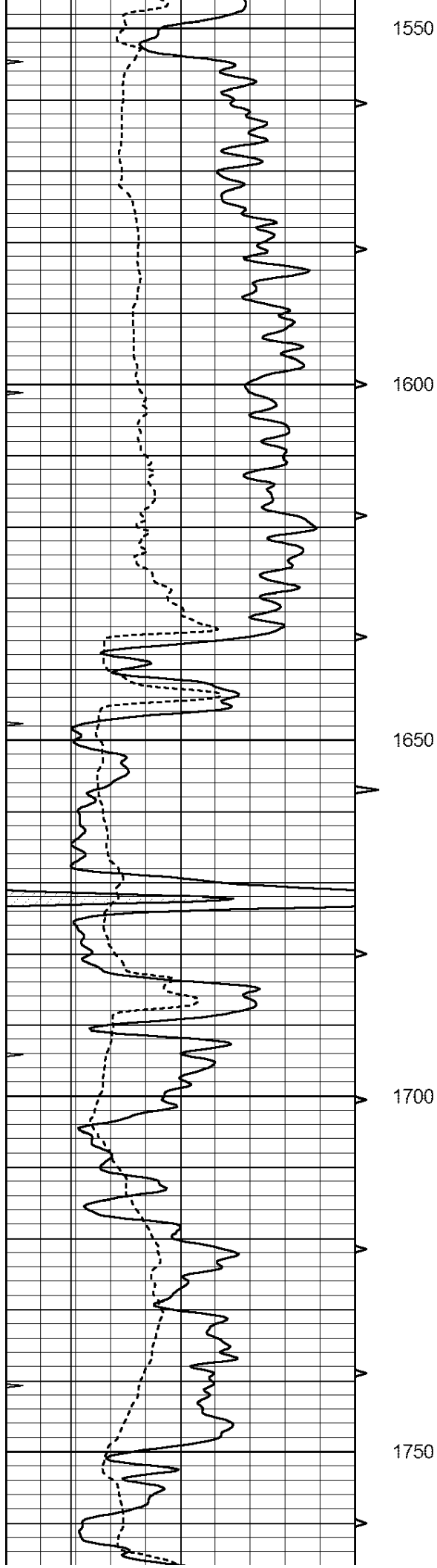
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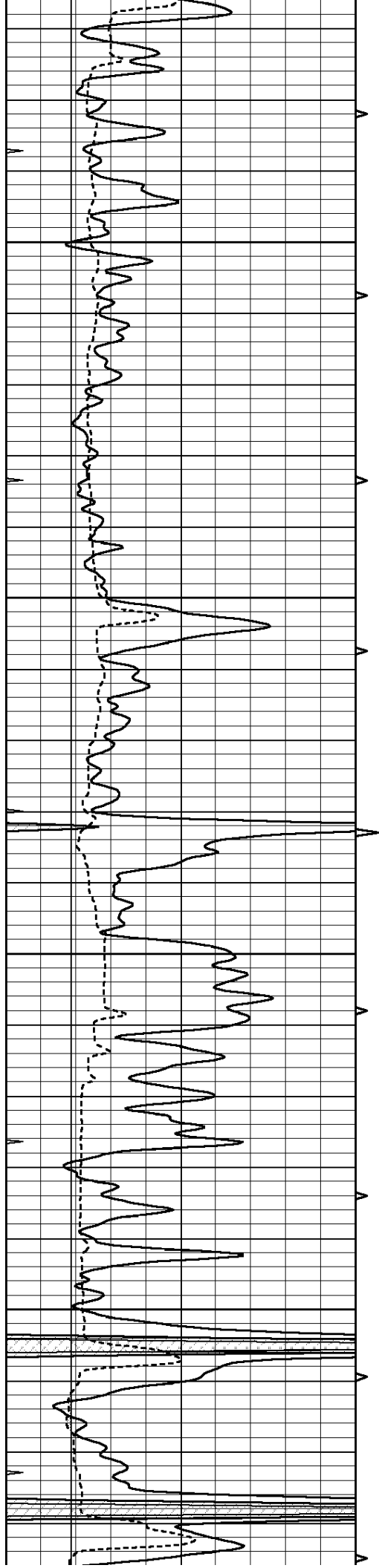
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1450

1500





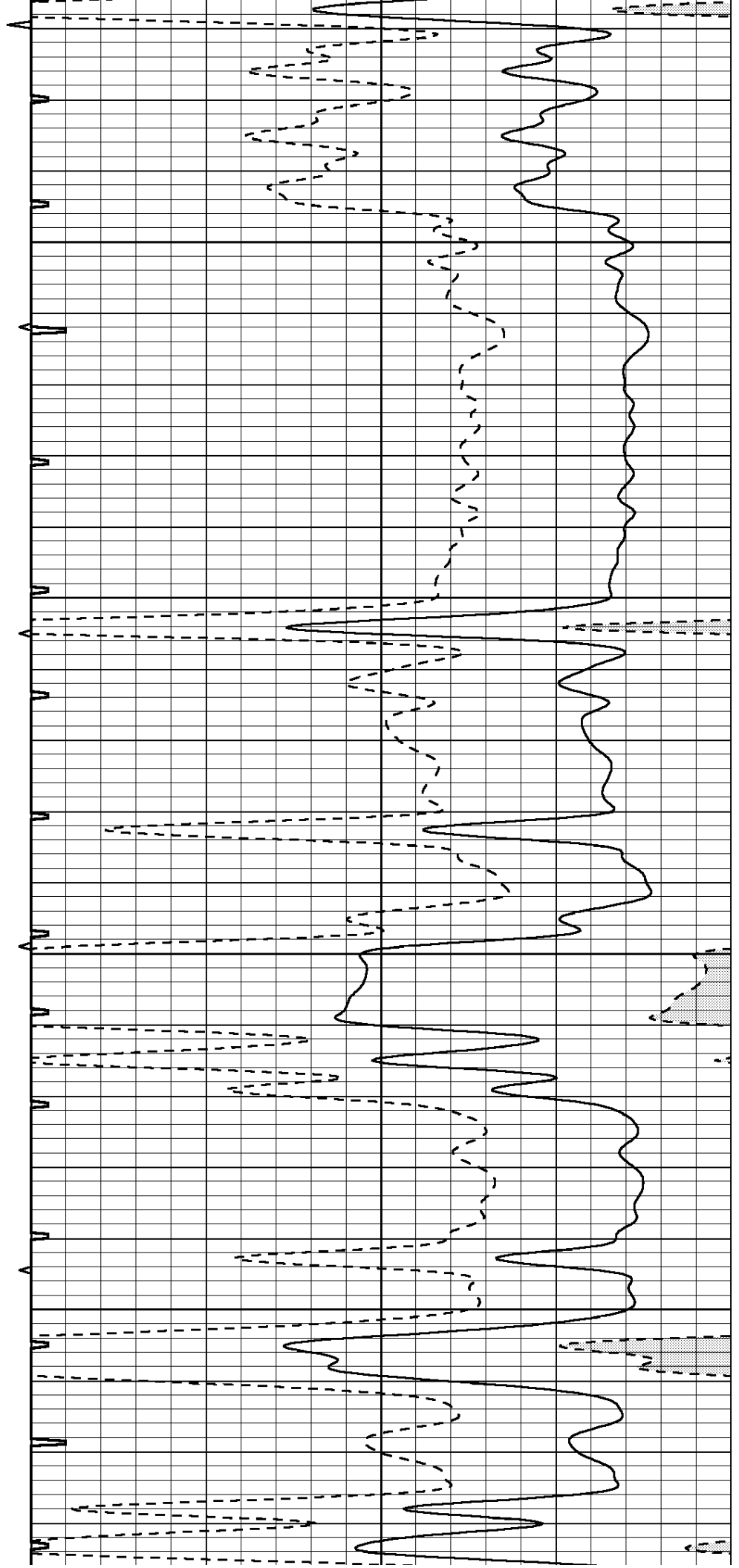


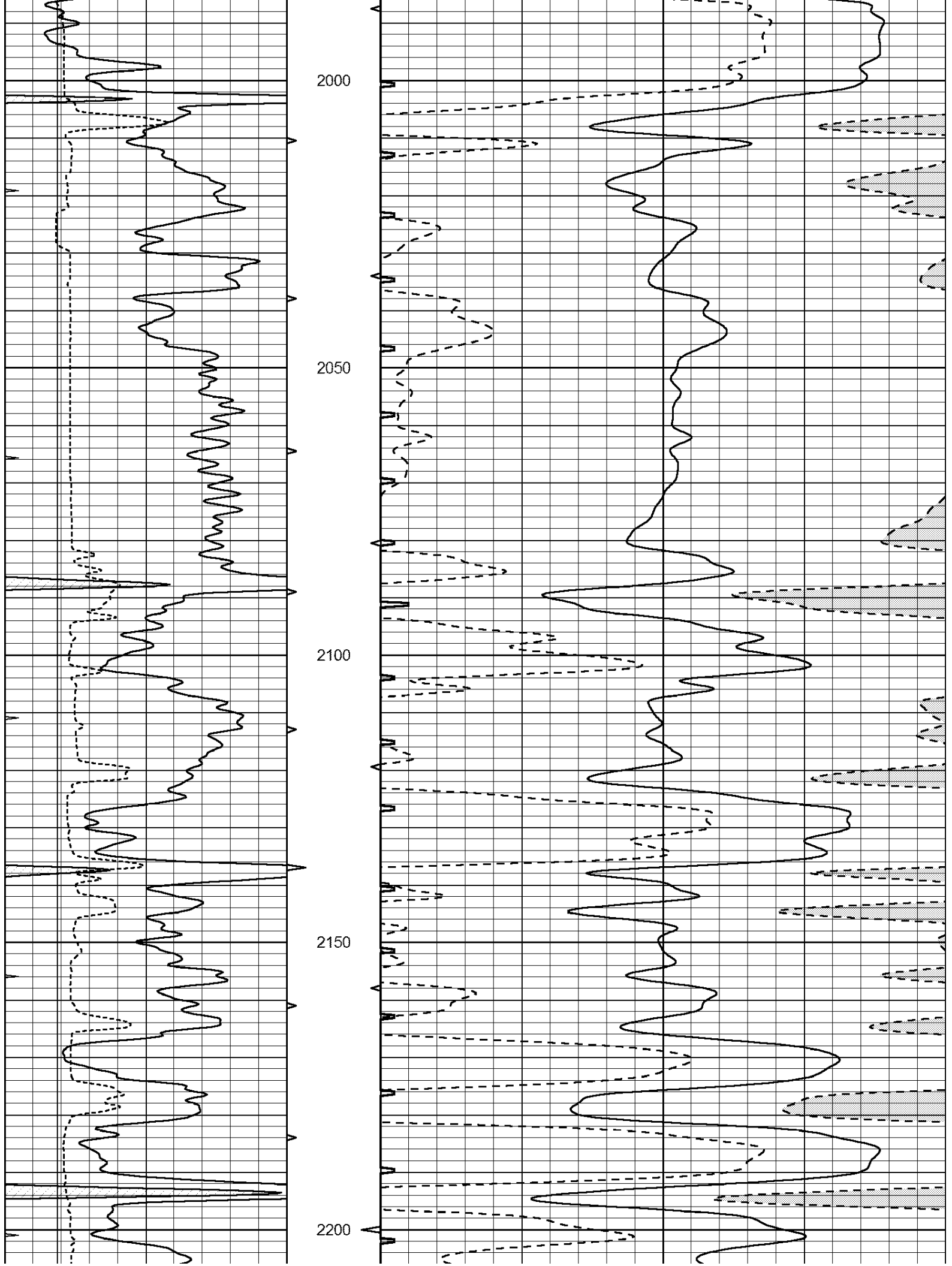
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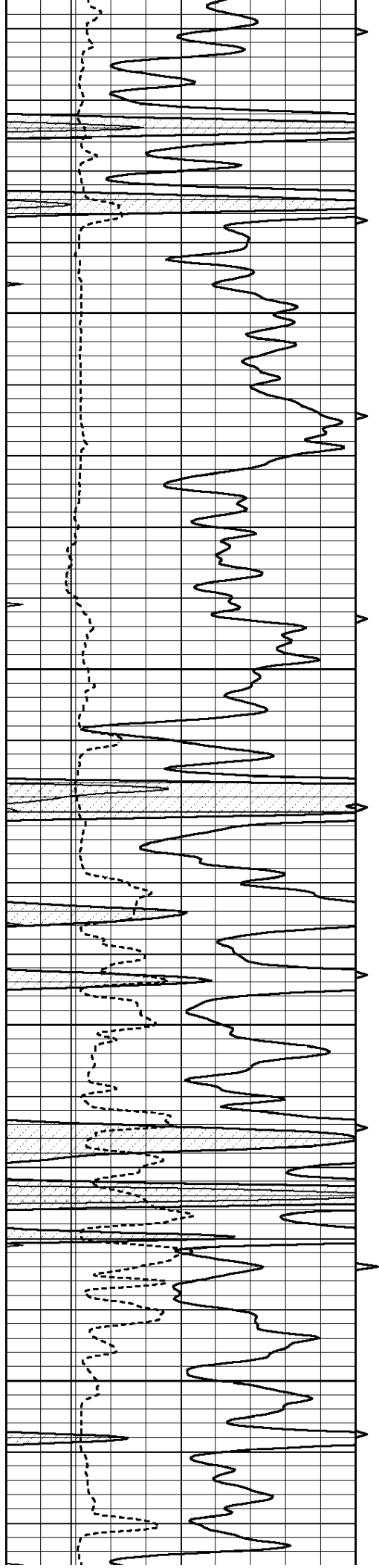
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1900

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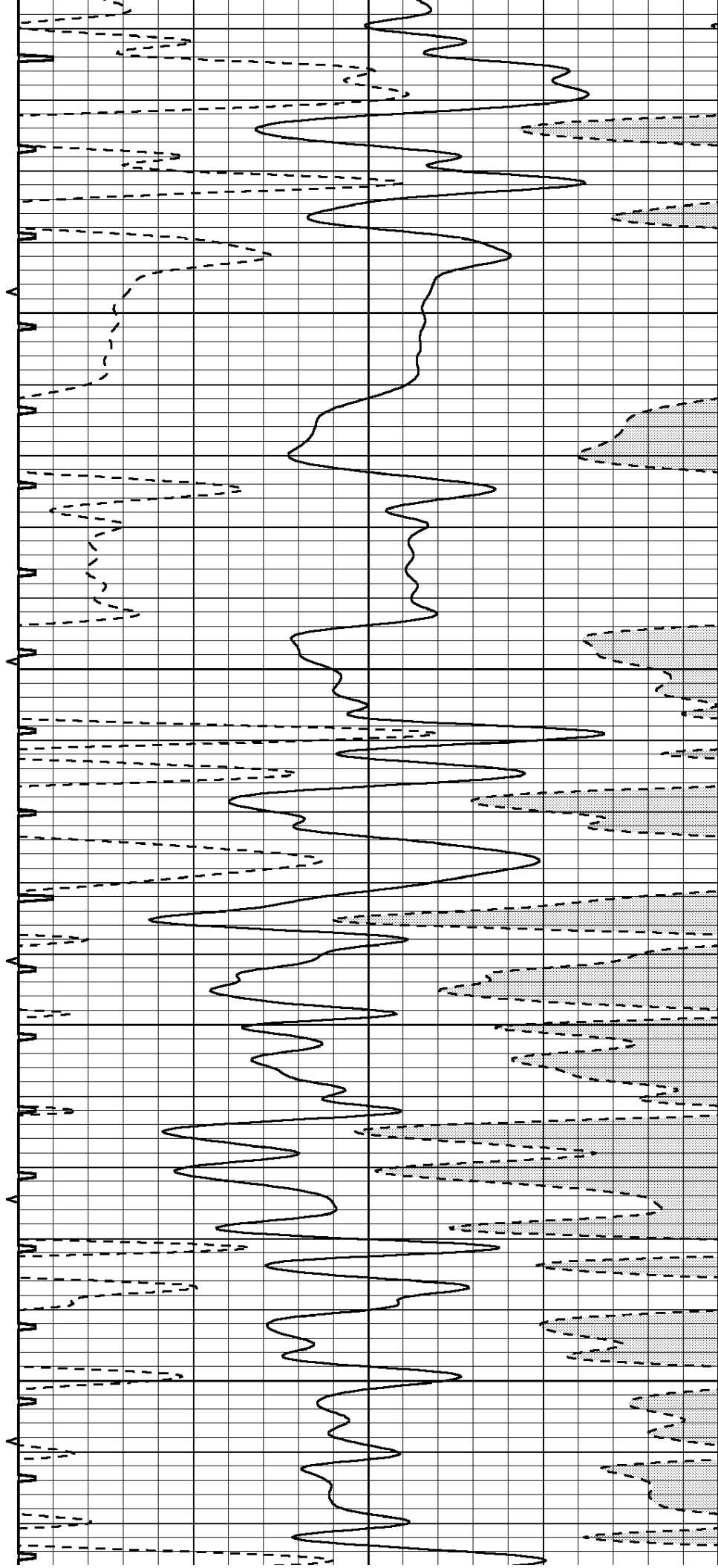


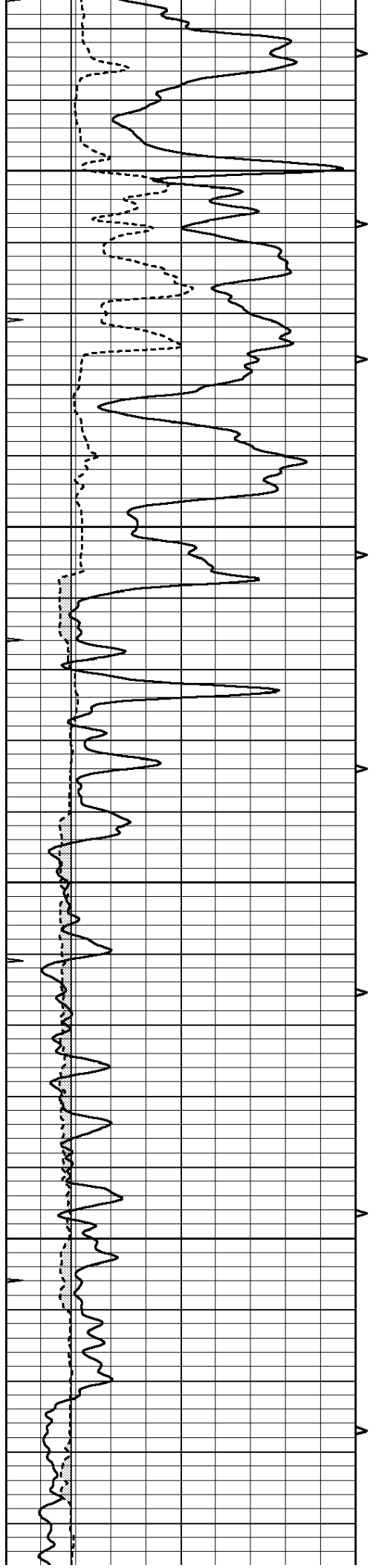
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2300

2350

2400



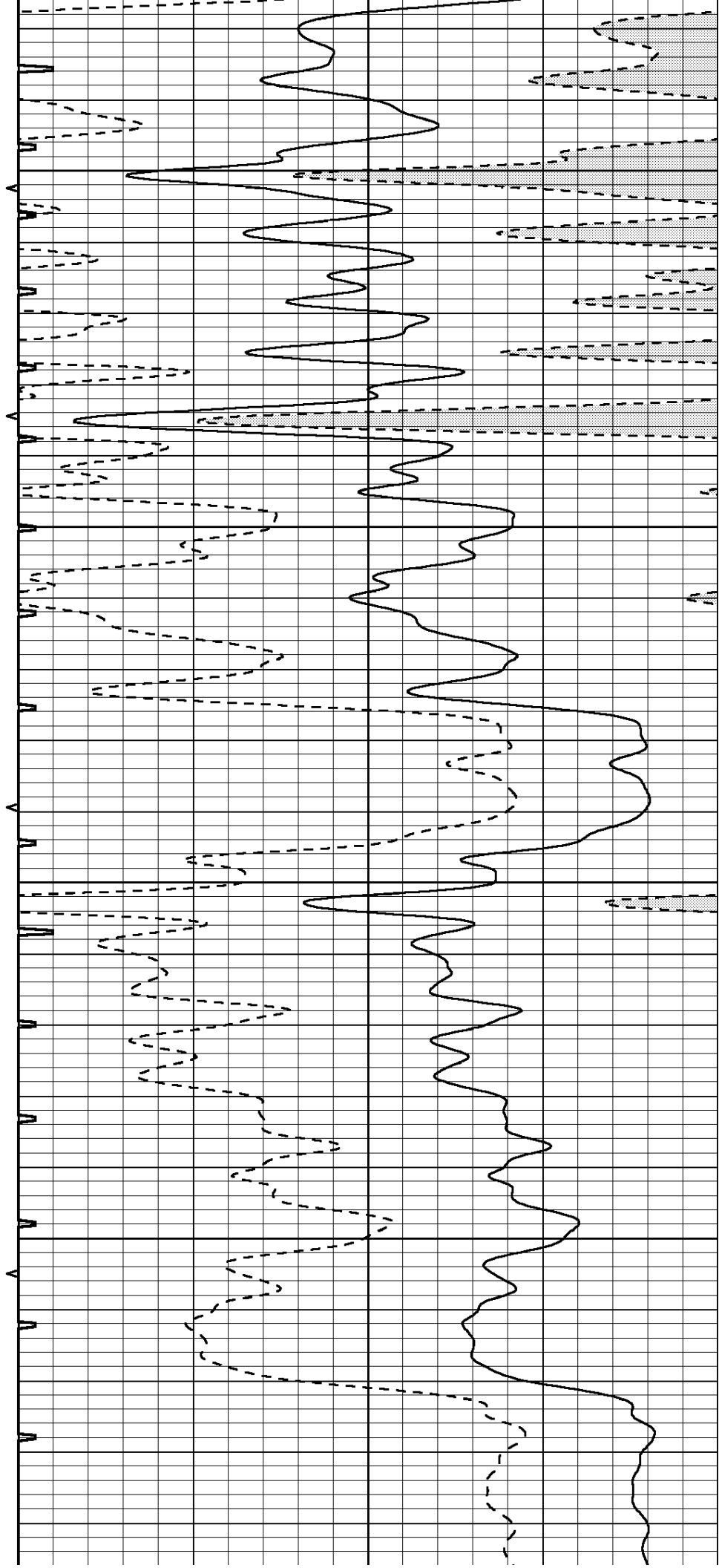


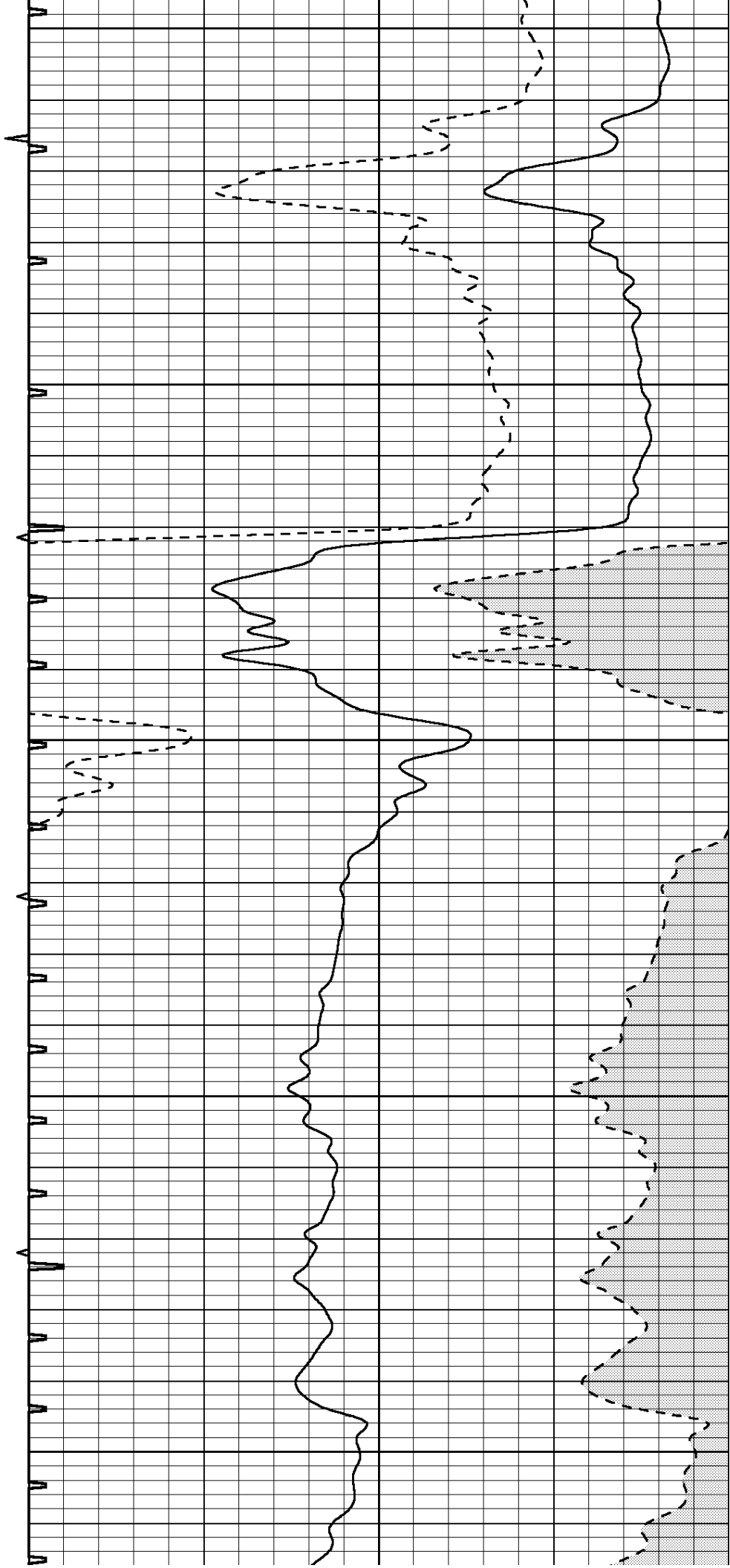
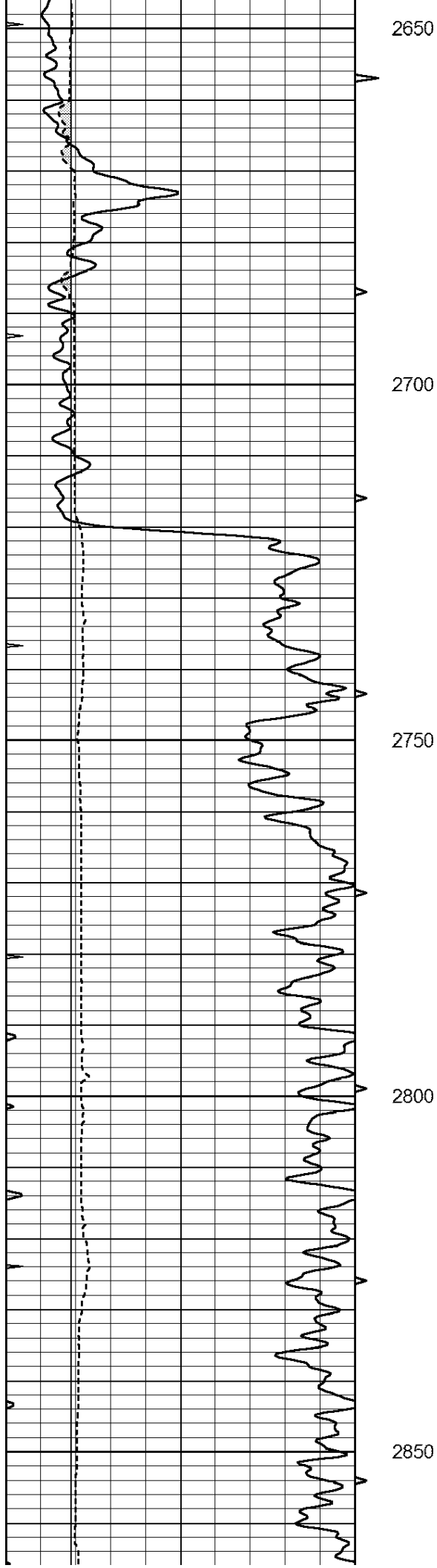
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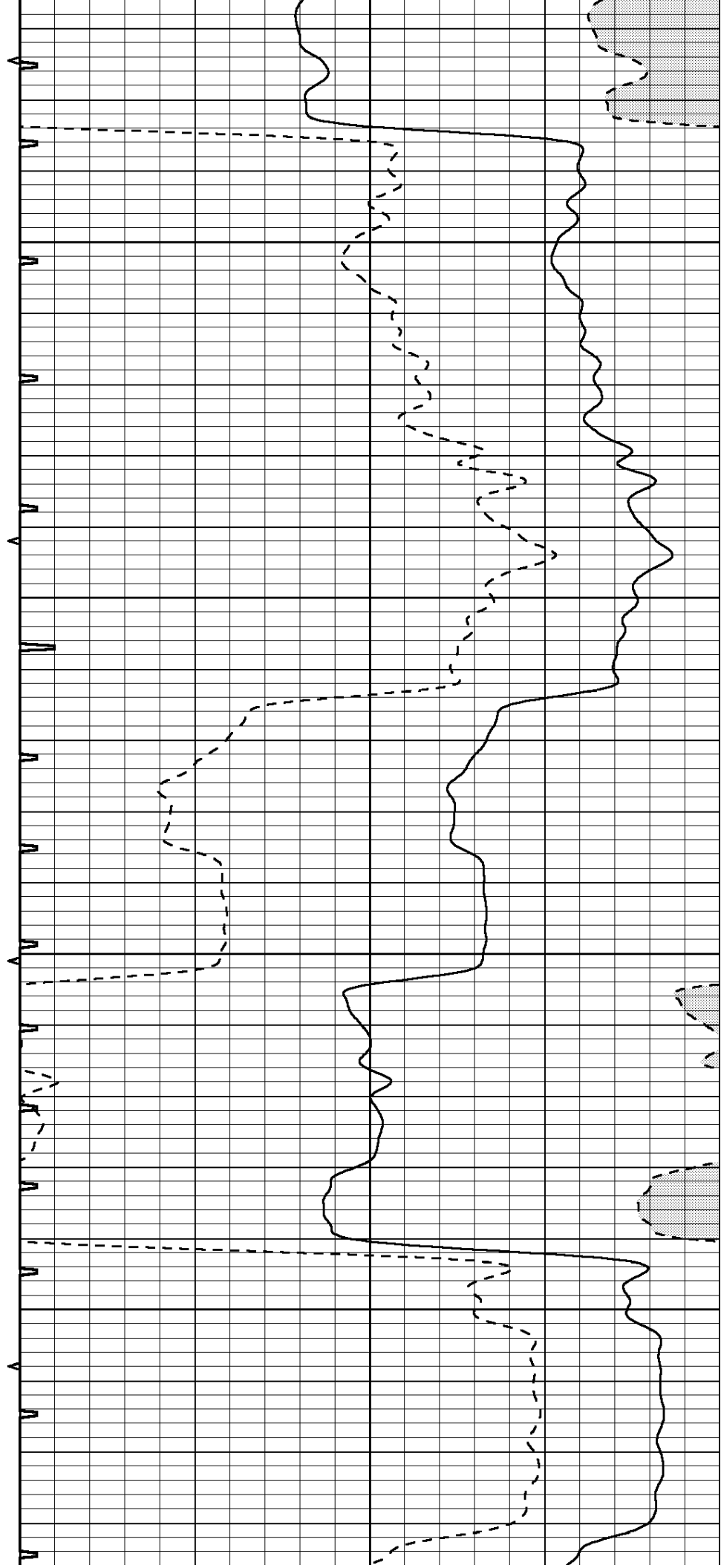
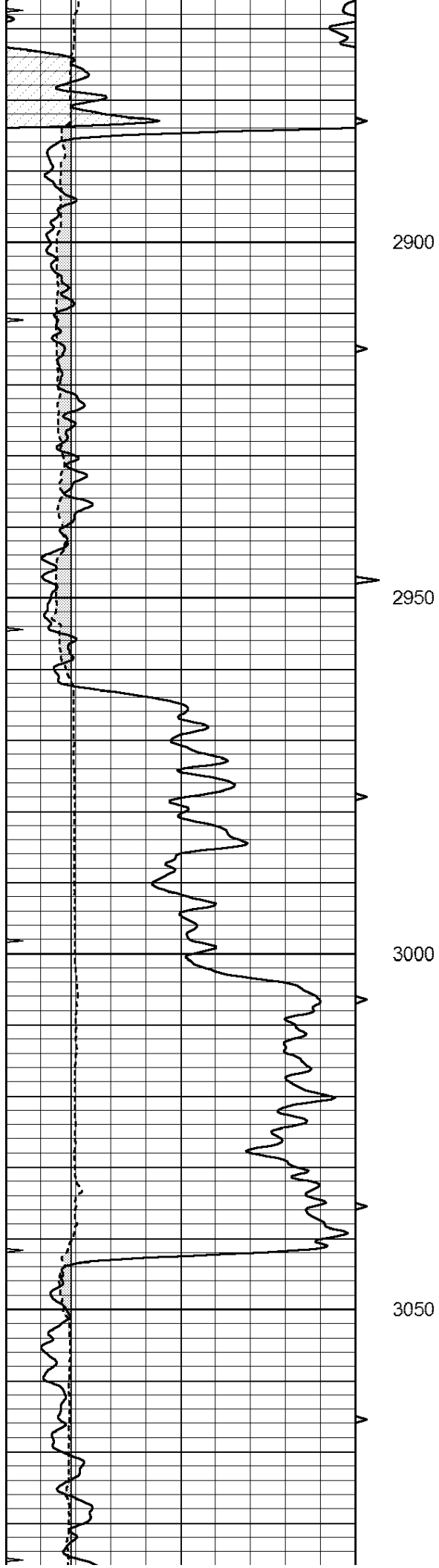
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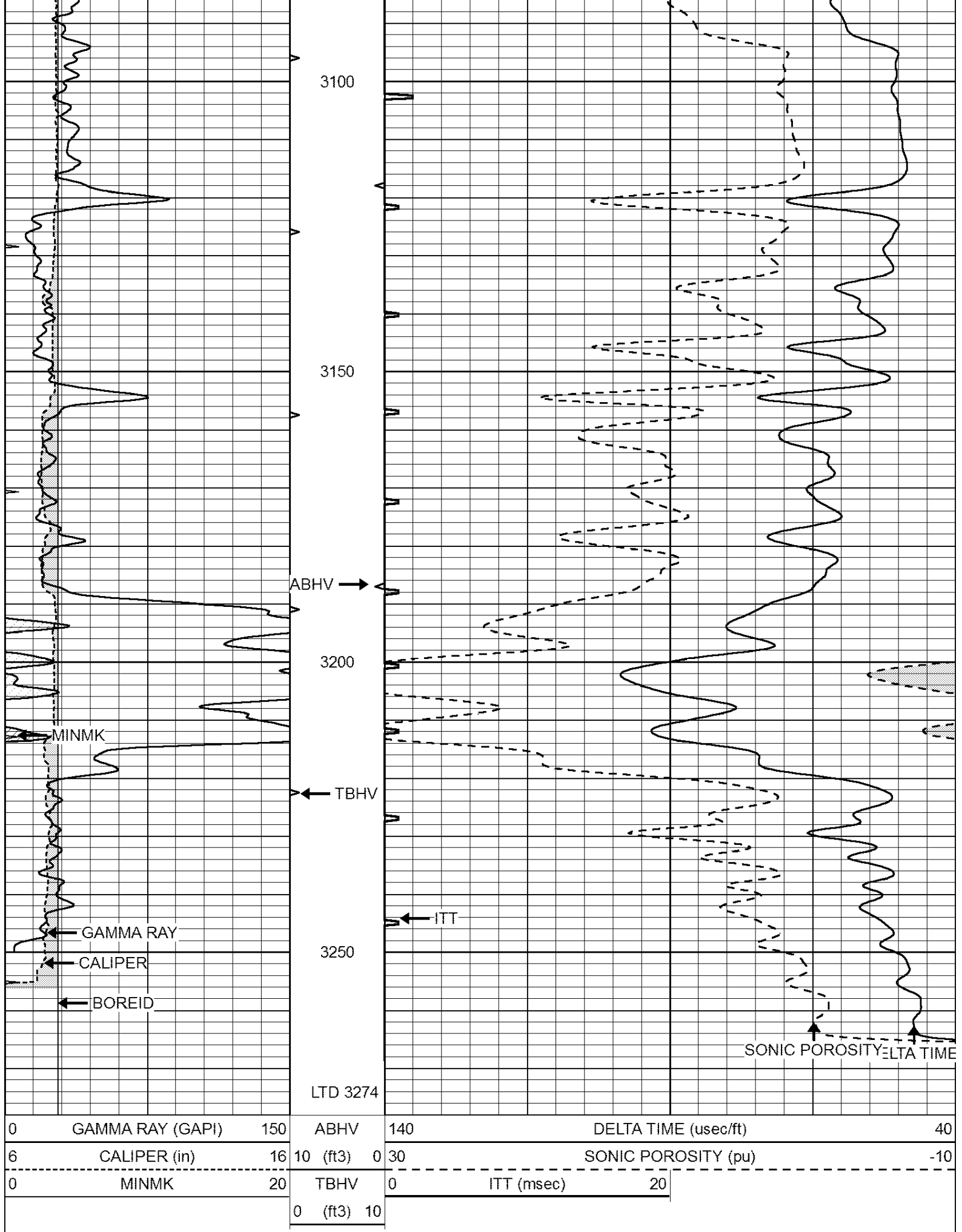
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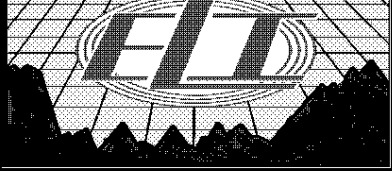
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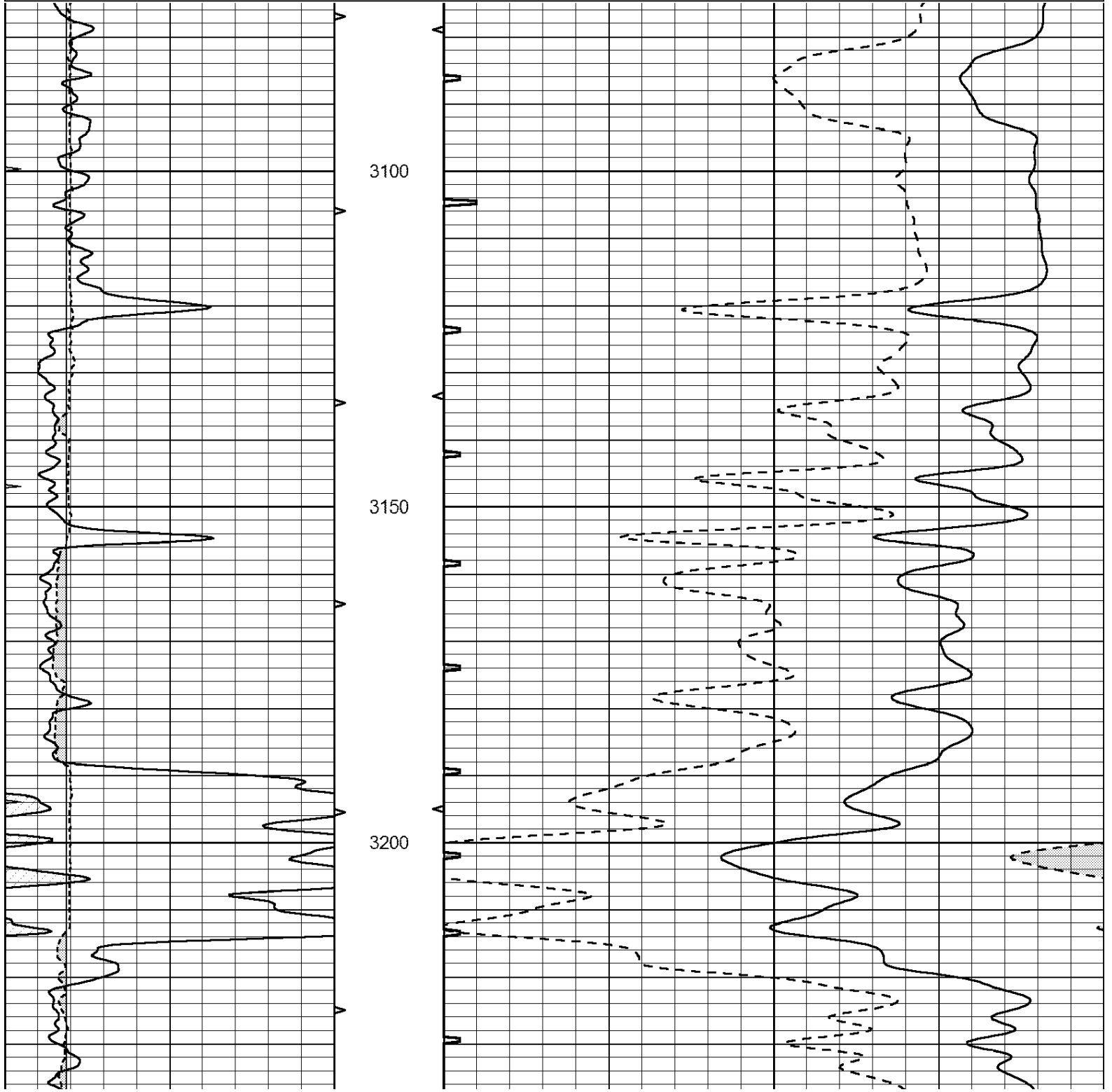


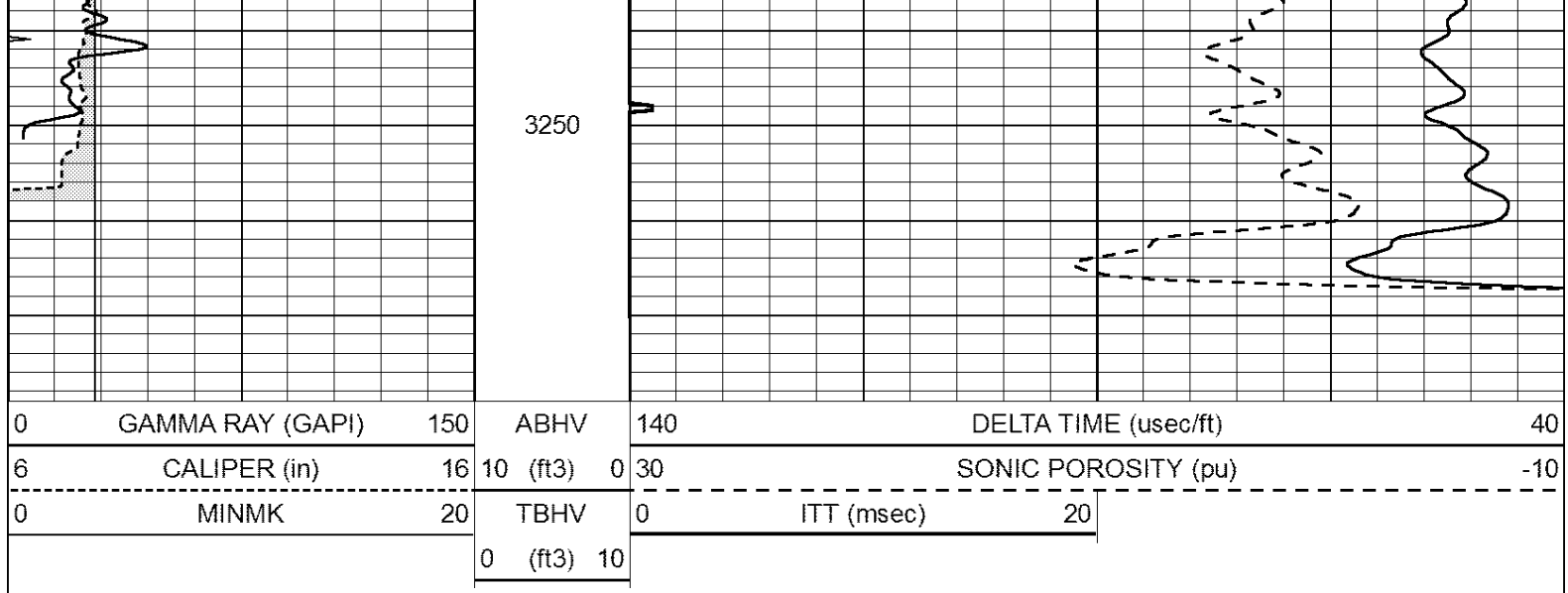


REPEAT SECTION

Database File: 2901ddn.db
Dataset Pathname: pass4.1
Presentation Format: _slt
Dataset Creation: Fri Aug 10 04:52:30 2018 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			





Calibration Report

Database File: 2901ddn.db
 Dataset Pathname: pass4.1
 Dataset Creation: Fri Aug 10 04:52:30 2018 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO3
 Tool Model: PROBE
 Performed: Wed Aug 08 09:13:43 2018

Caliper Calibration: Gain=3.840 Offset=-7.702

References	Low Cal	High Cal
Readings	7.000	14.000
	3.622	5.514

1.5" Calibration: Gain=120.000 Offset=-1.400

References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	0.228

2" Calibration: Gain=110.553 Offset=-1.220

References	Low Cal	High Cal
Readings	0.000	20.000
	0.005	0.175

Gamma Ray Calibration Report

Serial Number: GR5
 Tool Model: OPEN
 Performed: Mon Jul 02 20:05:37 2018

Calibrator Value: 1.0 GAPI

Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity: 0.9500 GAPI/cps