

SONIC LOG

Company	RJM COMPANY	Company	RJM COMPANY
Well	DOCTOR GERALD #1	Well	DOCTOR GERALD #1
Field	UNKNOWN	Field	UNKNOWN
County	BARTON	County	BARTON
State	KANSAS	State	KANSAS
Location:	API # : 15-009-26188-00-00 576 FNL & 745' FEL	Other Services CDL/CNL/DIL MICRO	
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING 8' A.G.L. KELLY BUSHING	Elevation K.B. 1862' D.F. 1860 G.L. 1854	
Date	10/25/17		
Run Number	TWO		
Depth Driller	3440		
Depth Logger	3438		
Bottom Logged Interval	3429		
Top Log Interval	300		
Casing Driller	8 5/8" @ 333		
Casing Logger	333		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.0/60		
pH / Fluid Loss	10.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.6@66		
Rmt @ Meas. Temp	1.2@66		
Rmc @ Meas. Temp	1.92@66		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.95@111		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	111F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	WYATT URBAN		

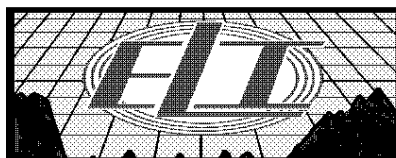
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

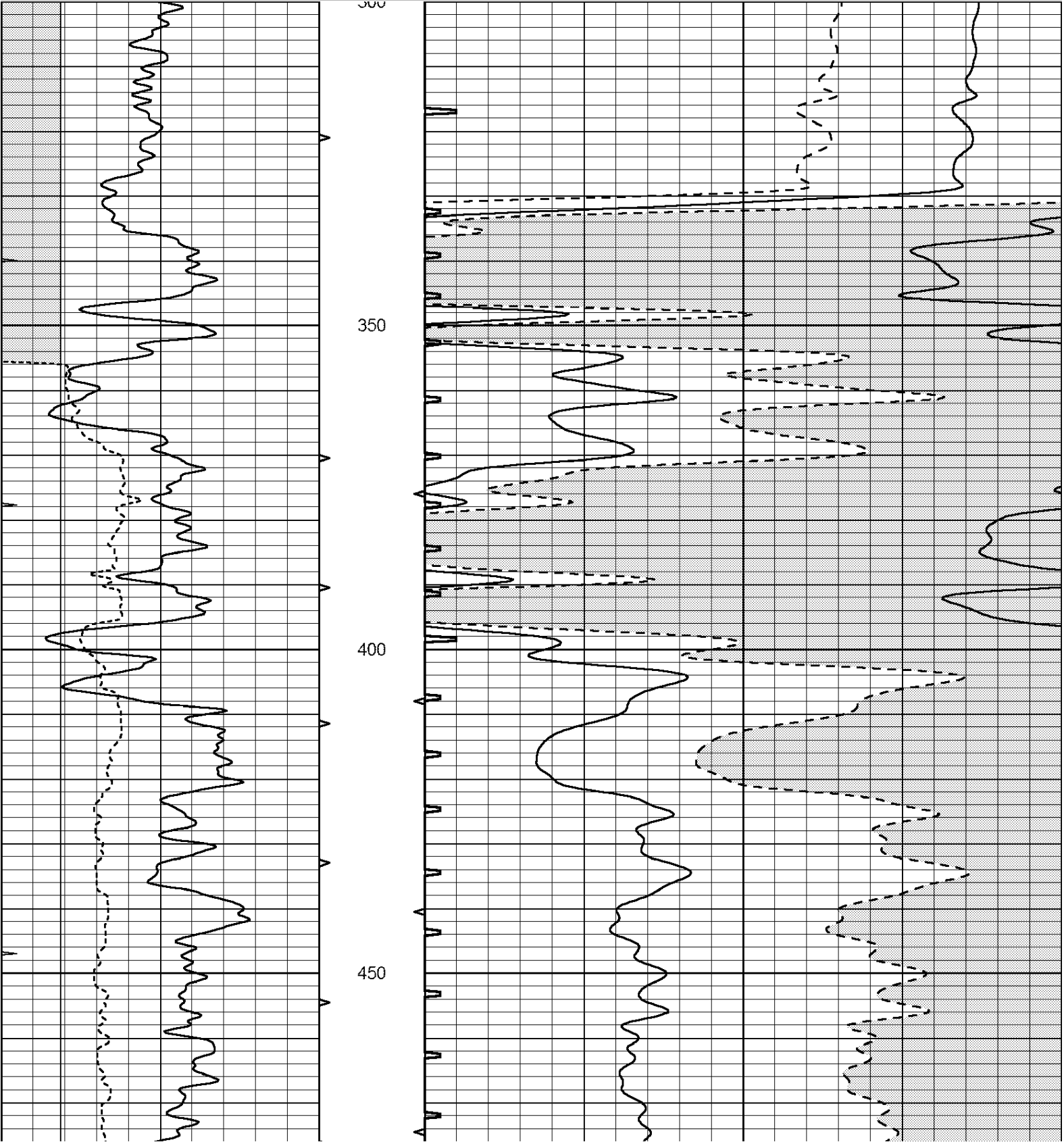
DIRECTIONS
ODIN SOUTH 1 MILE, EAST 1 MILE,
SOUTH INTO.

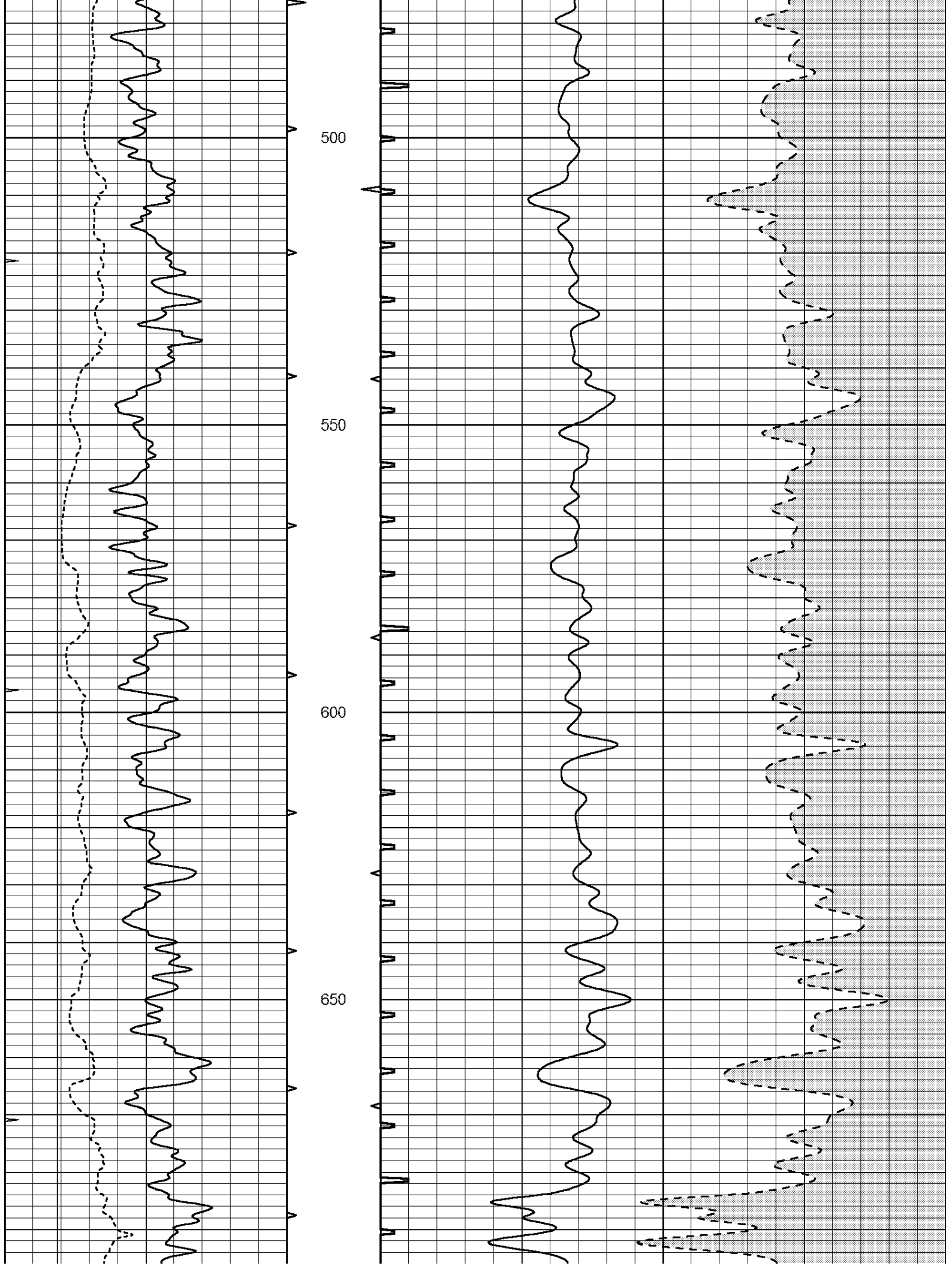


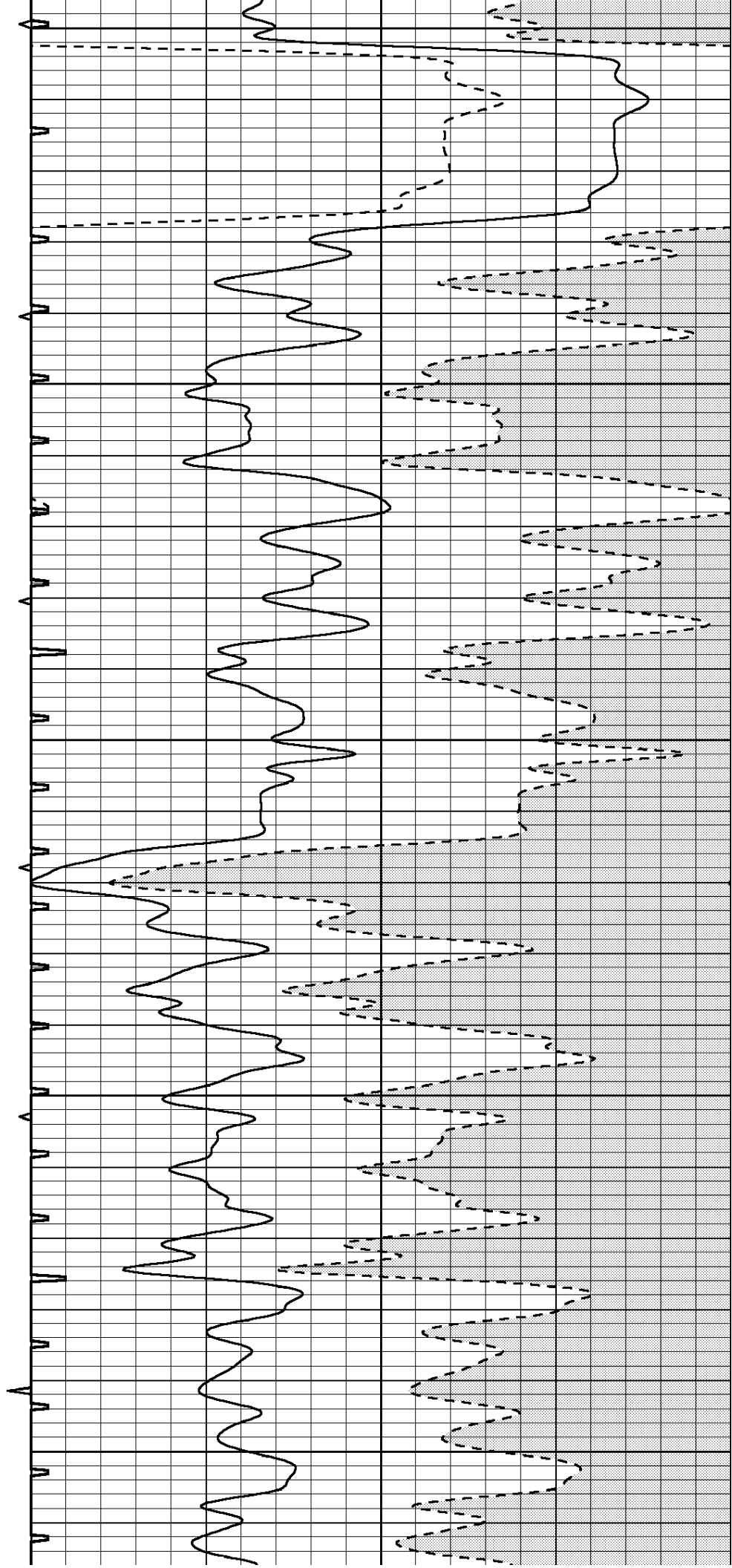
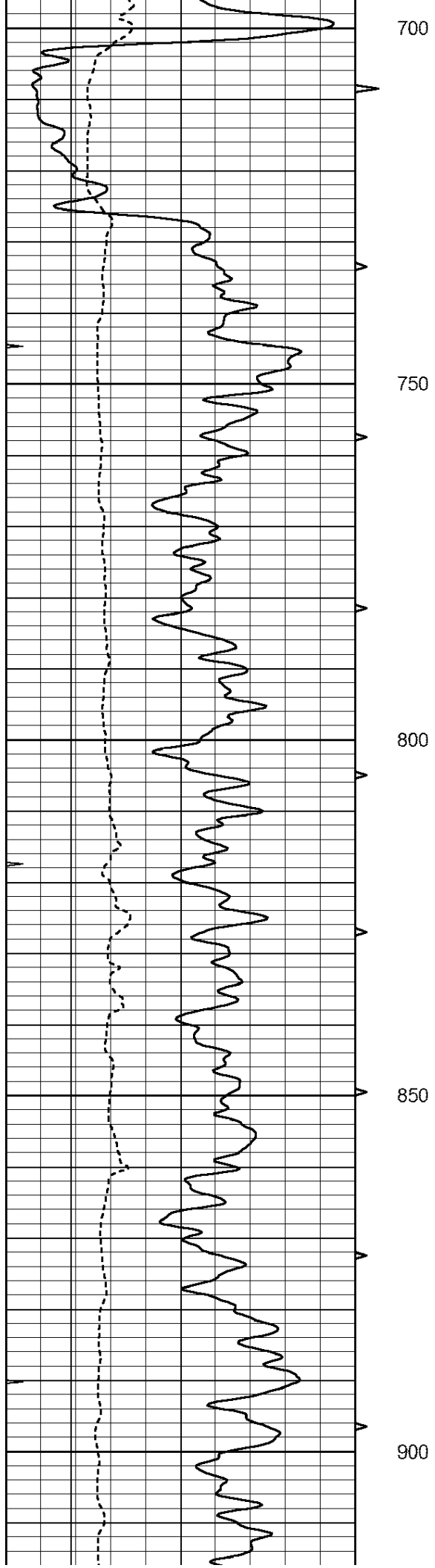
MAIN PASS

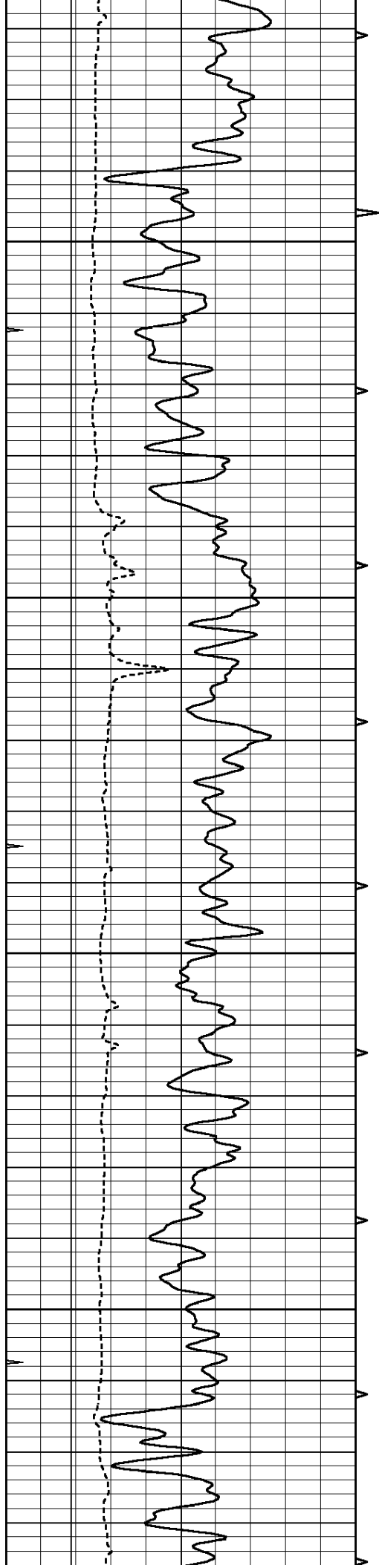
Database File: 2104ddn.db
Dataset Pathname: pass5
Presentation Format: _slt
Dataset Creation: Wed Oct 25 22:56:20 2017 by Log Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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			







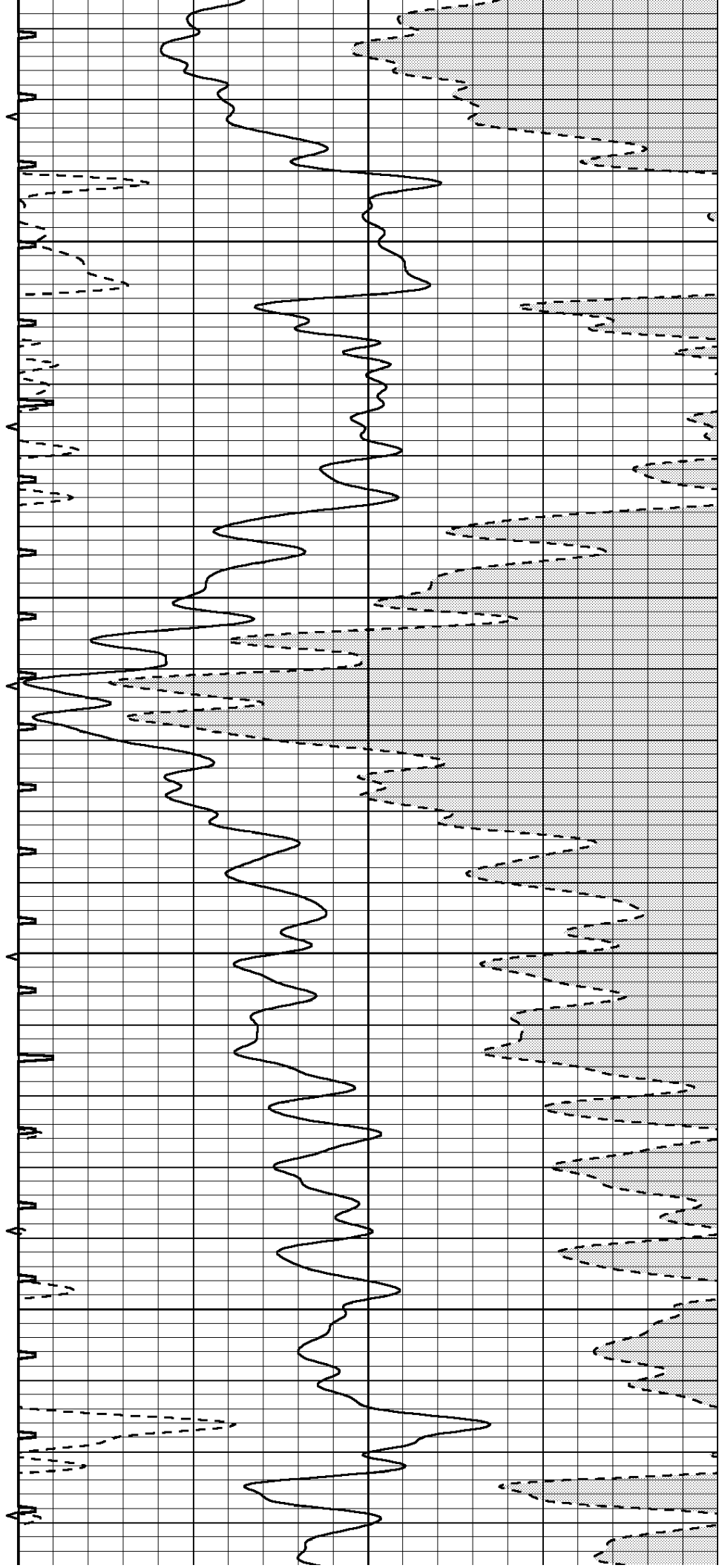


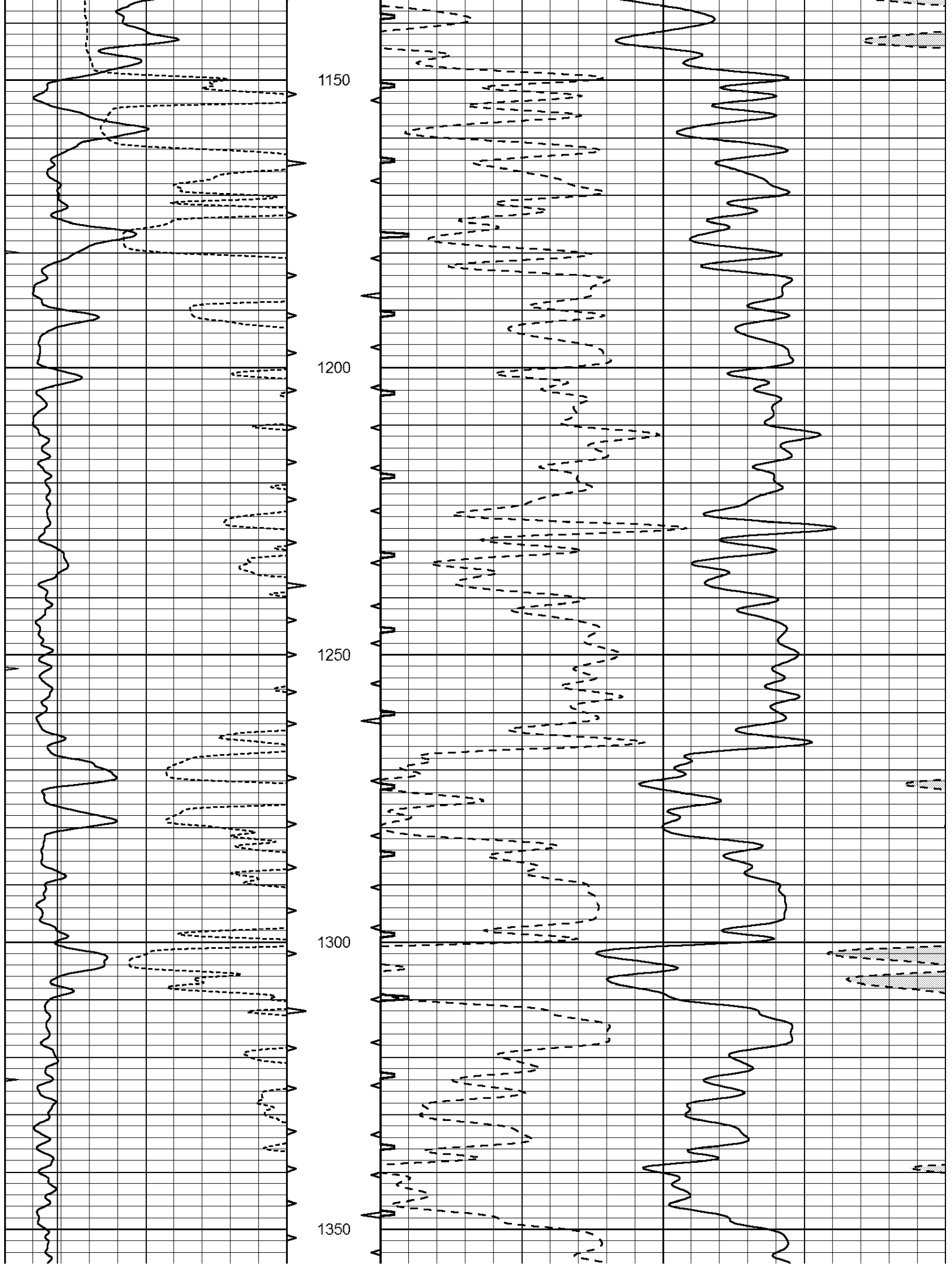
950

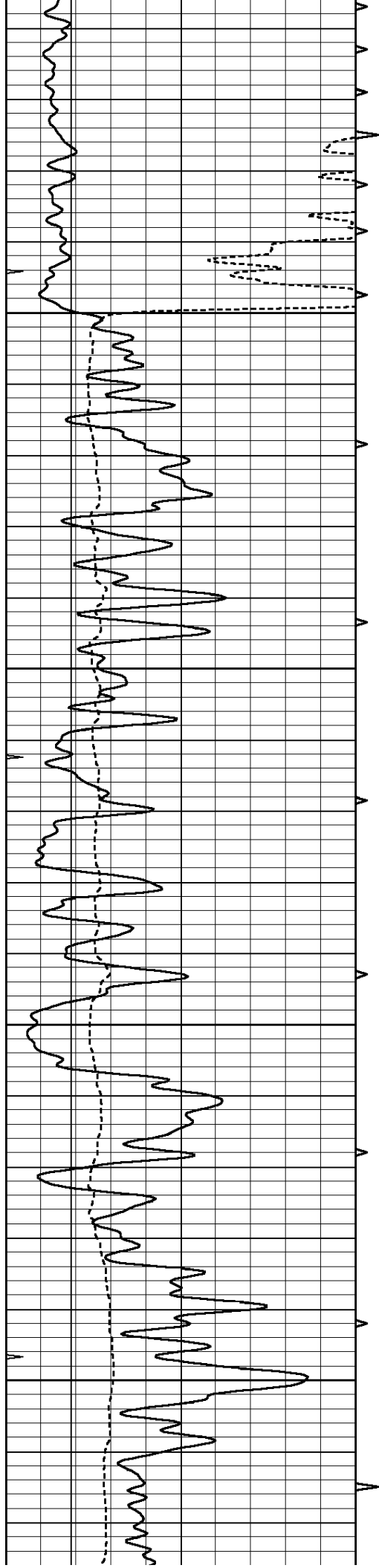
1000

1050

1100





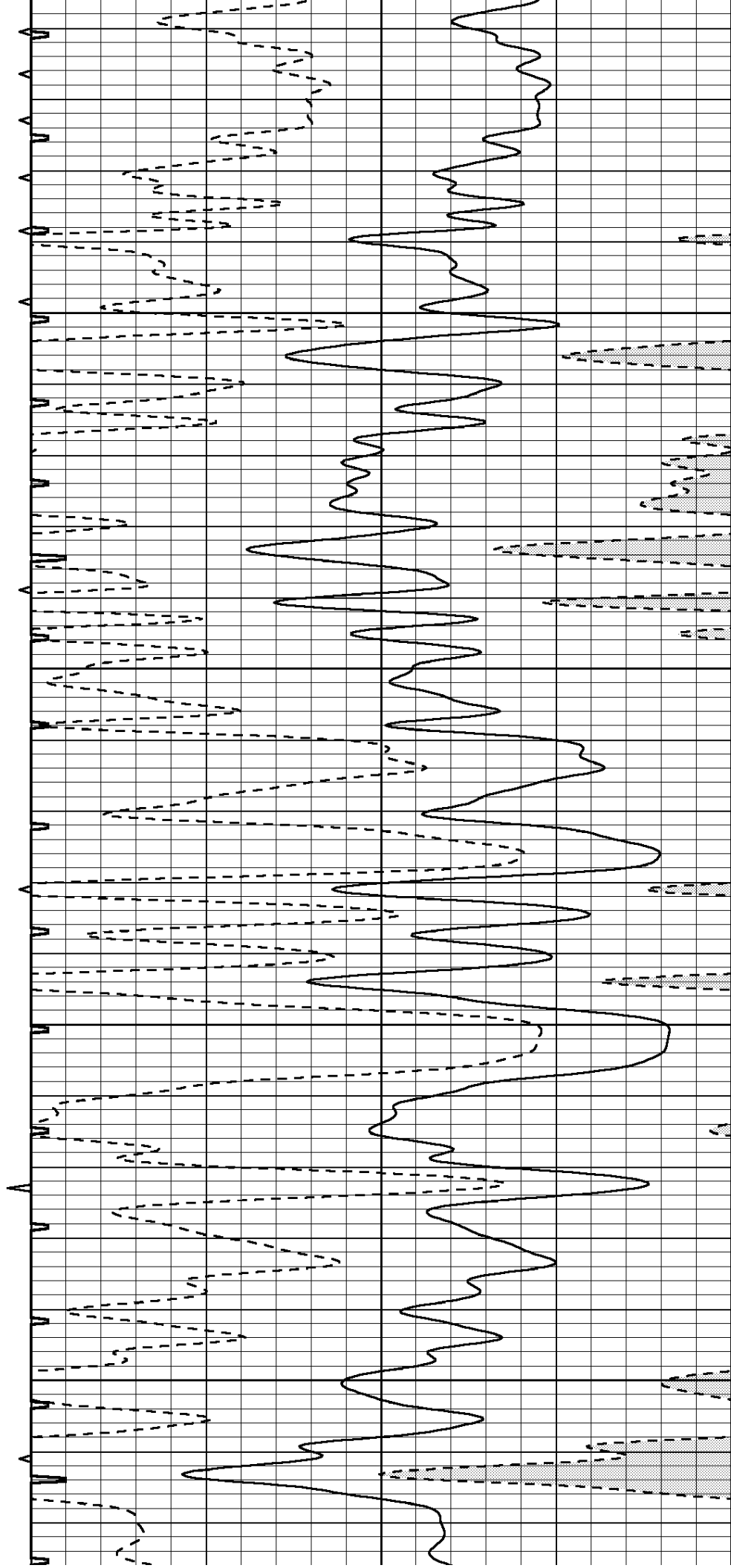


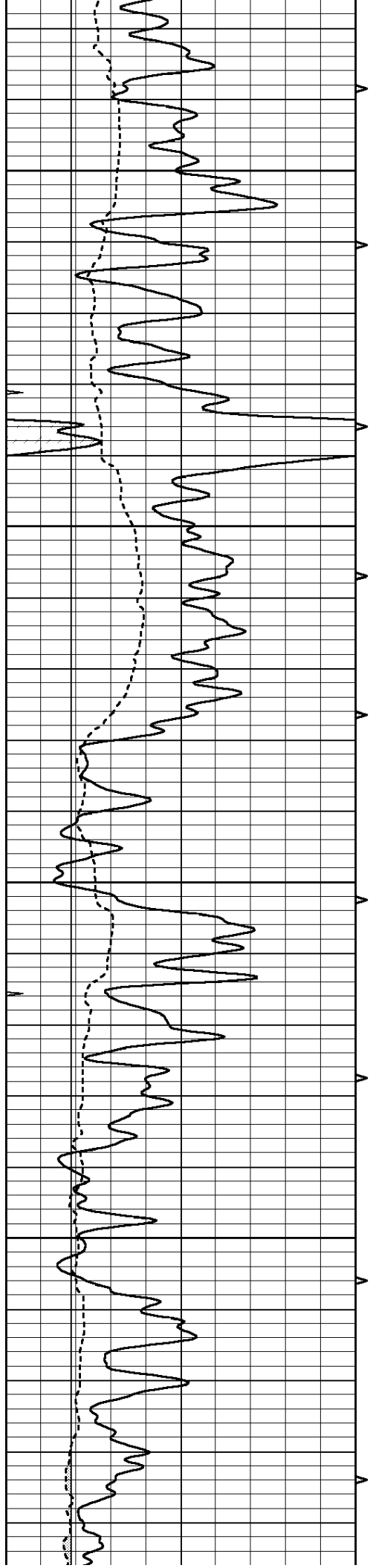
1400

1450

1500

1550



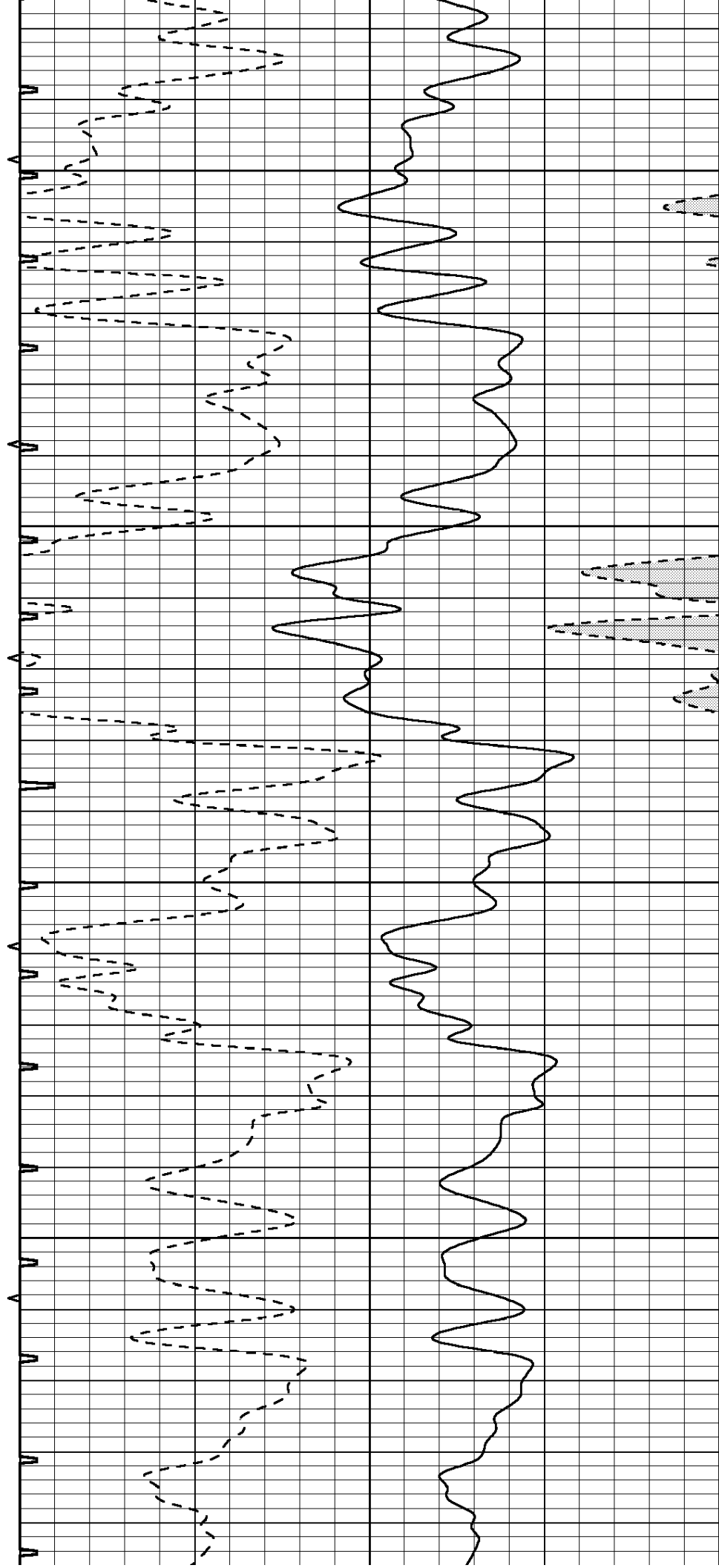


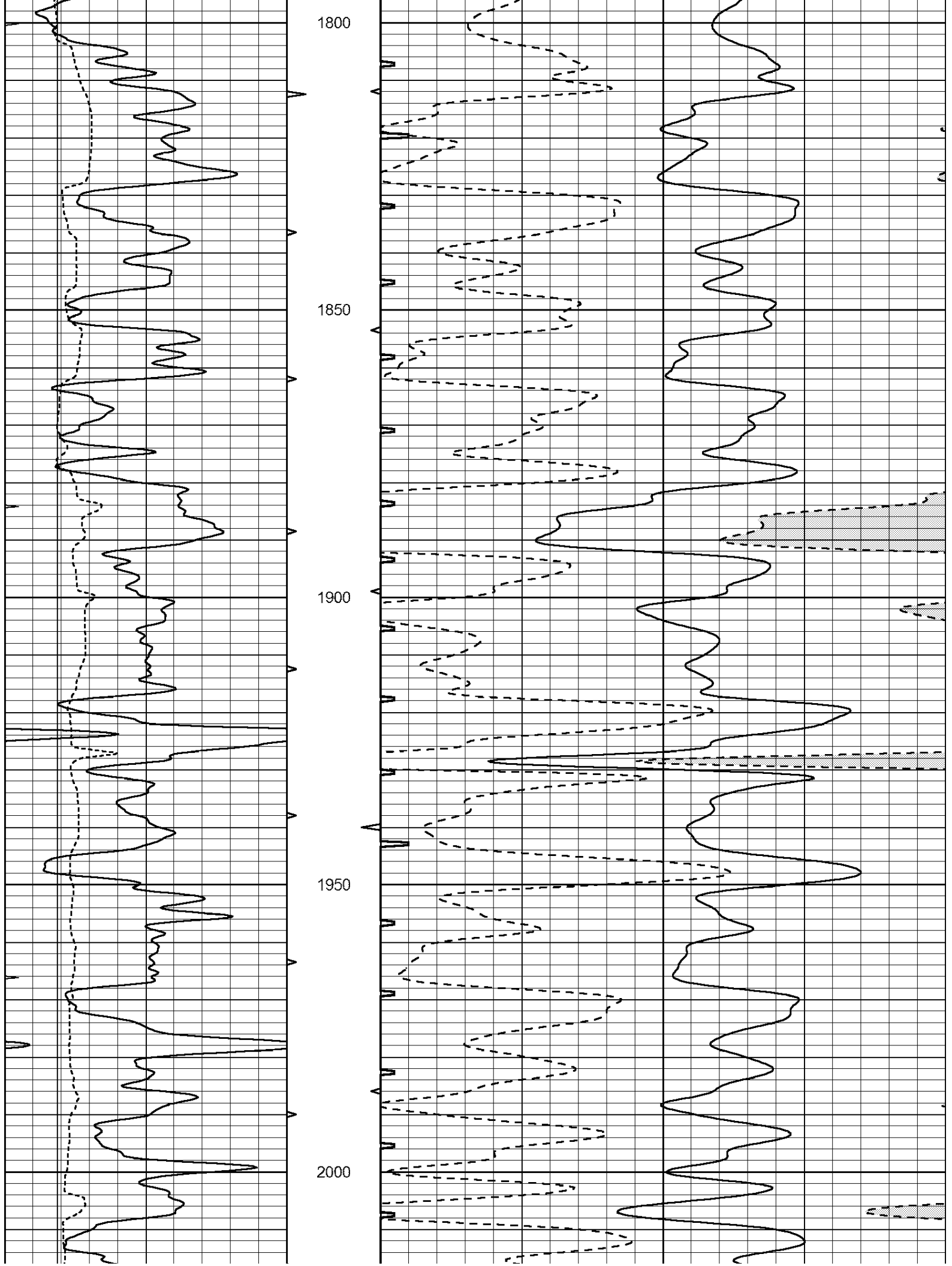
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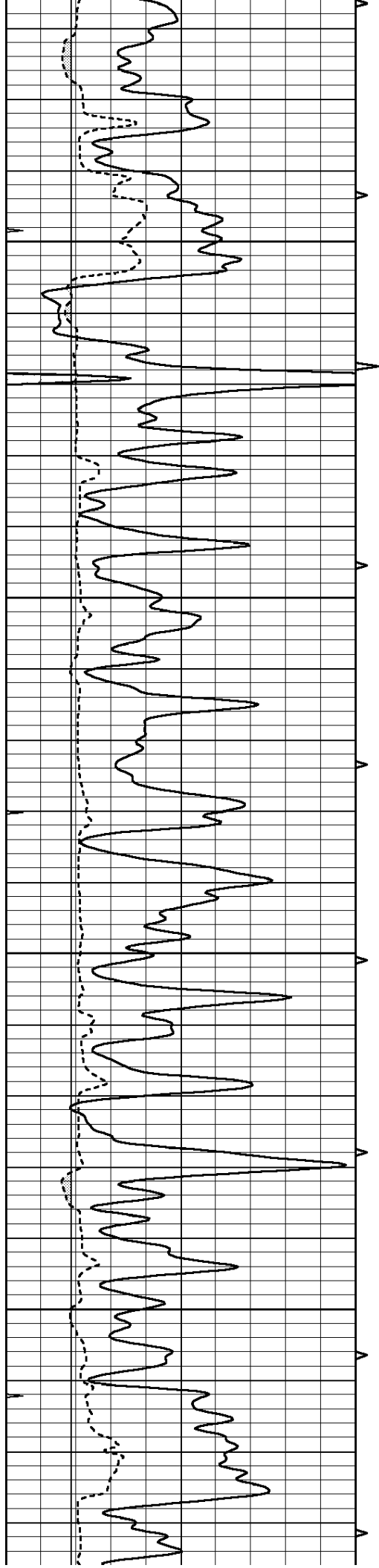
1650

1700

1750





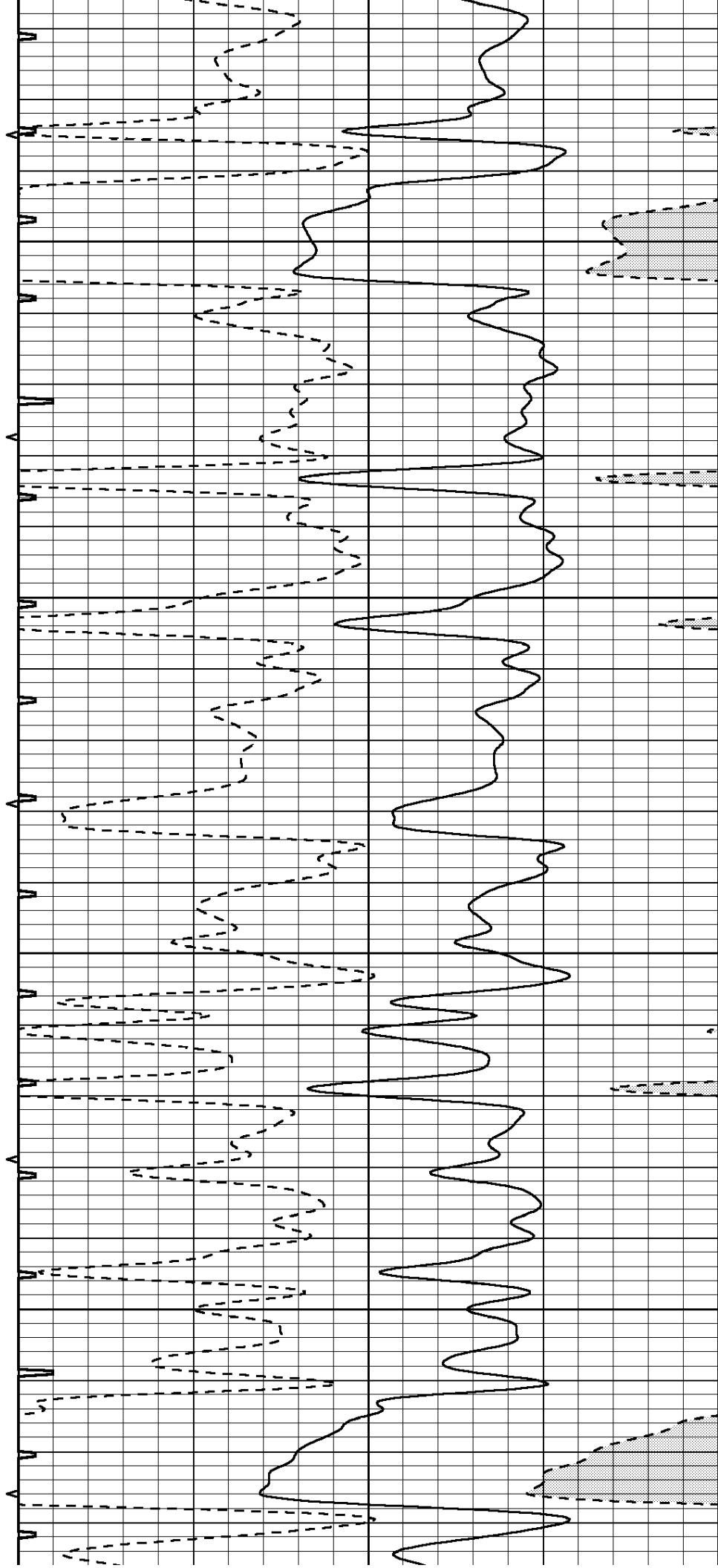


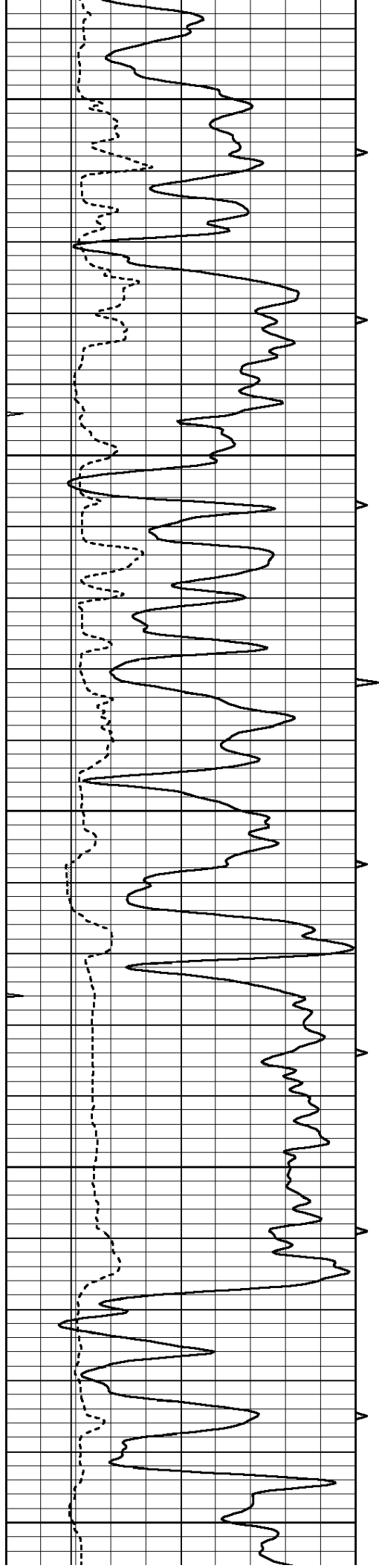
2050

2100

2150

2200





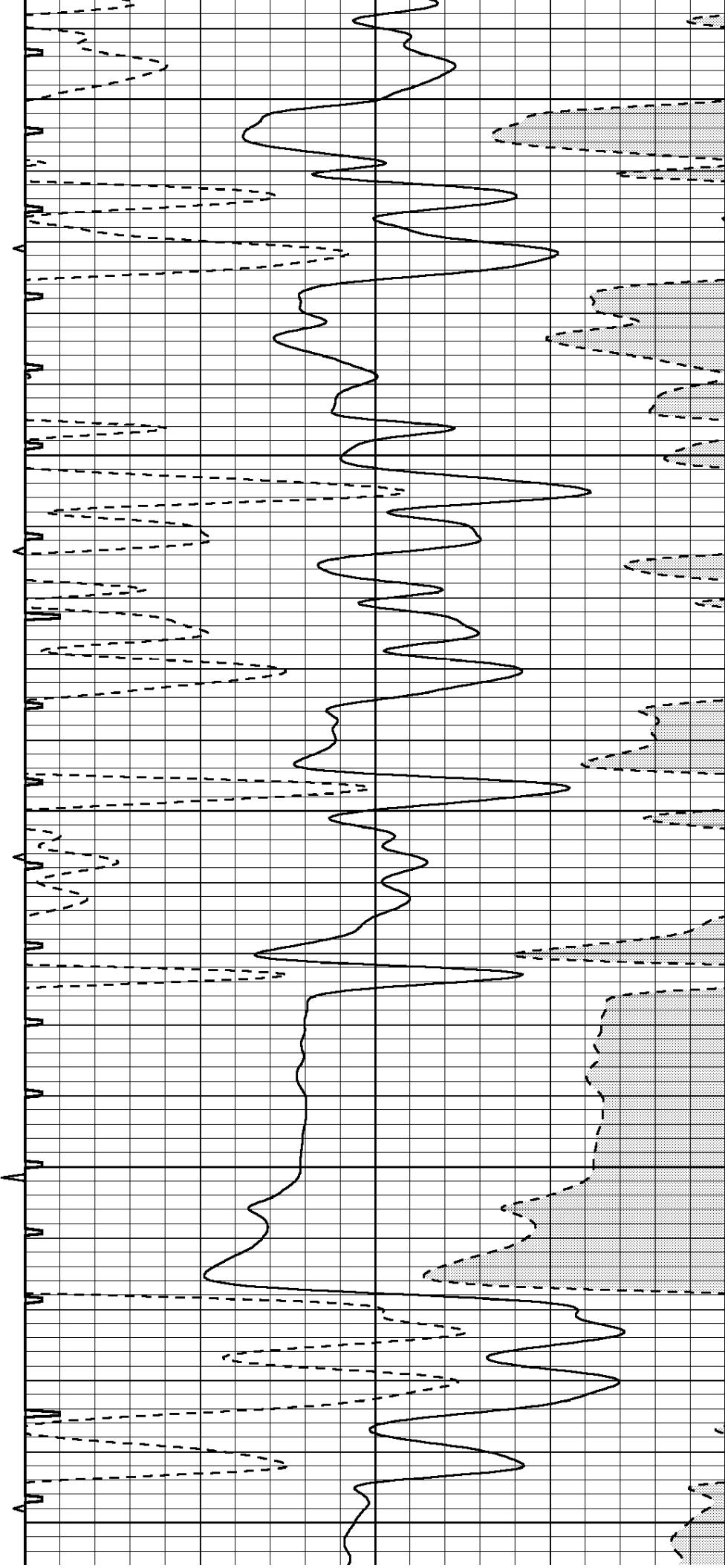
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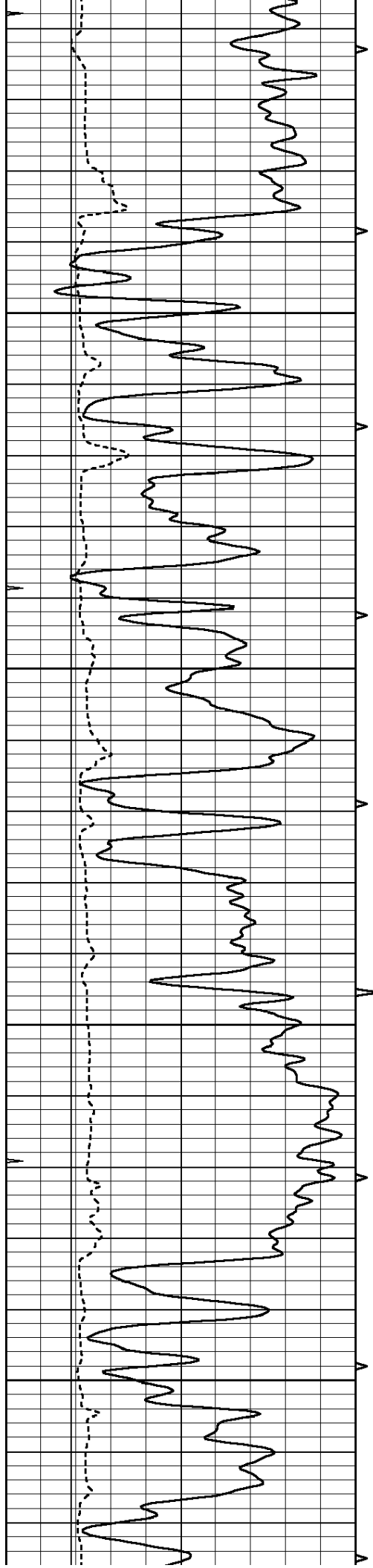
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2350

2400

2450



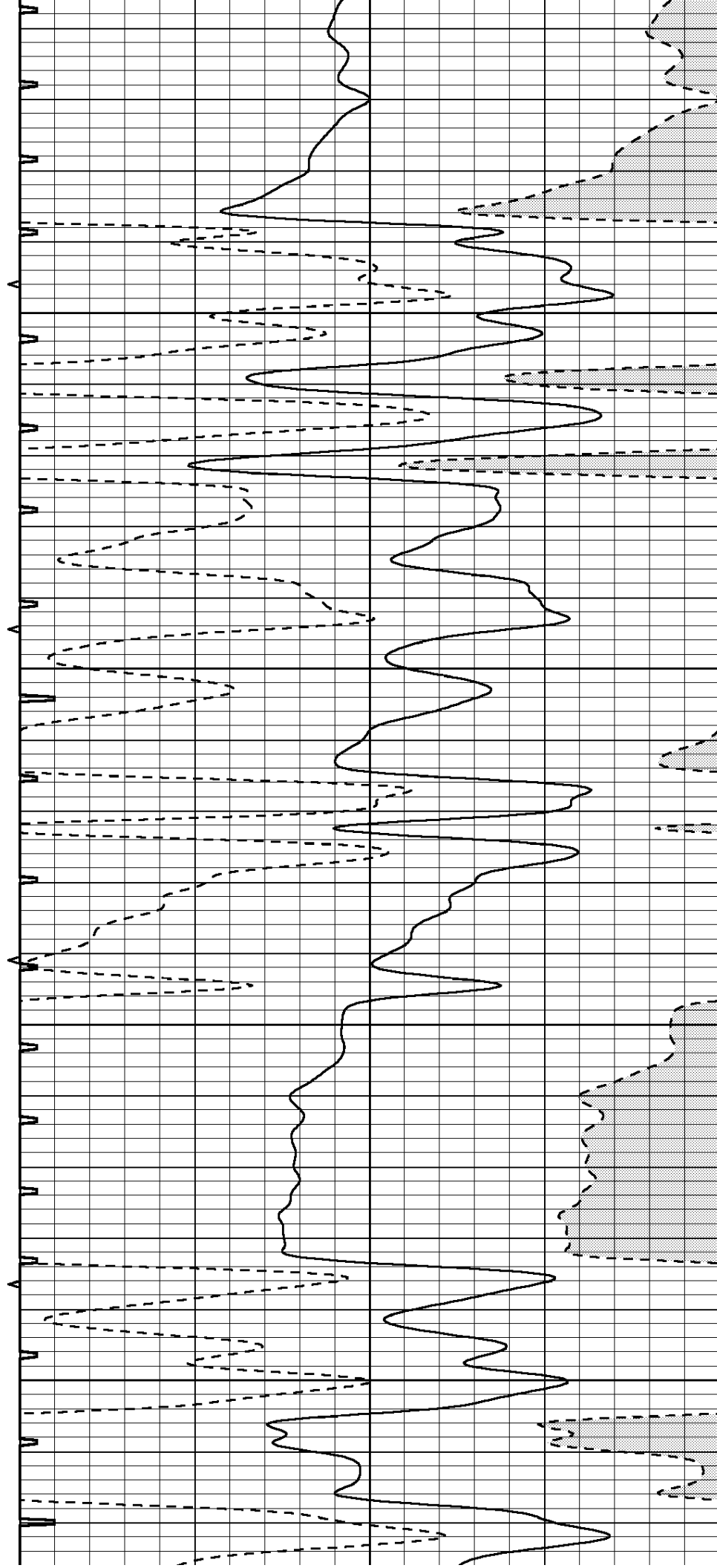


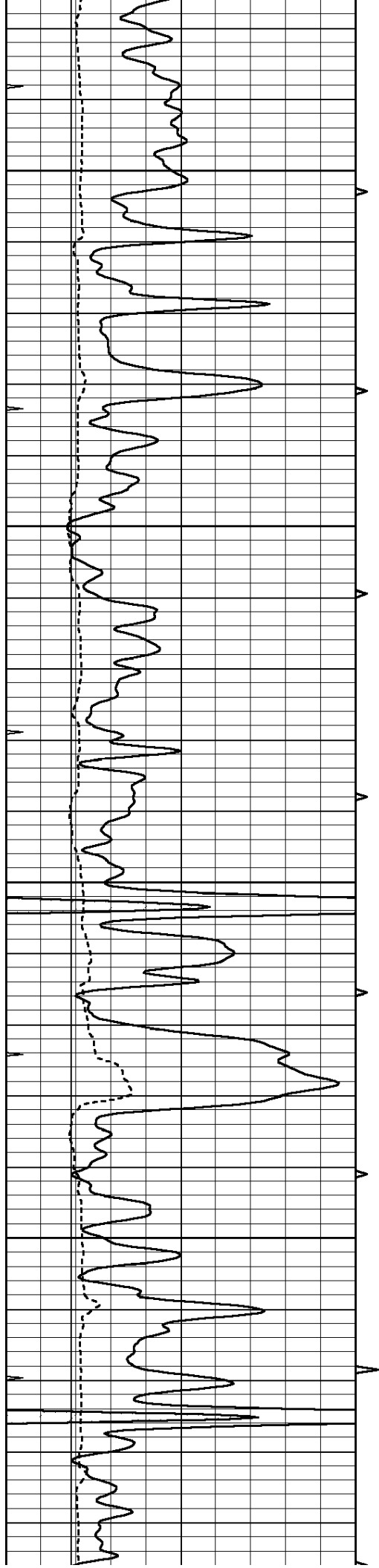
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2550

2600

2650



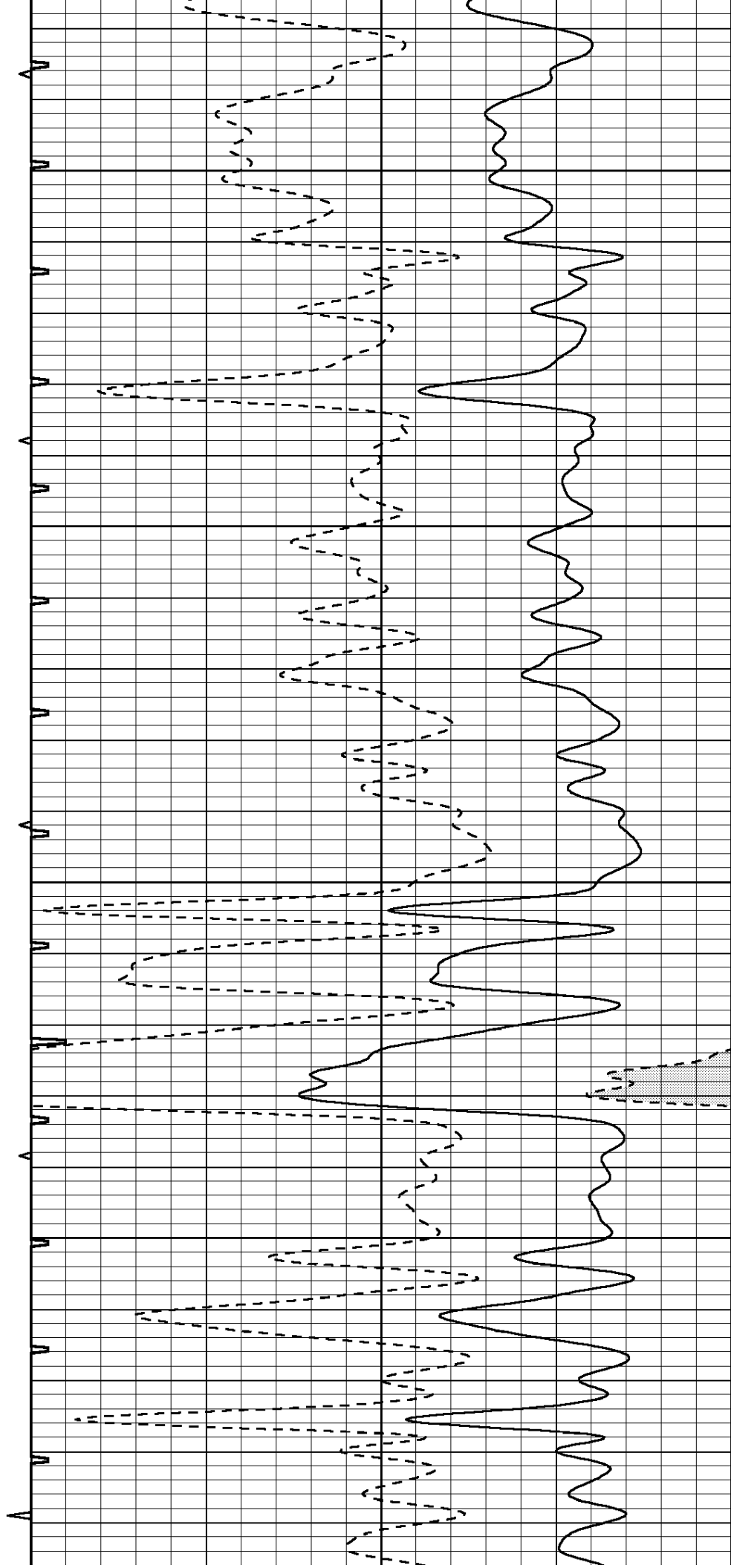


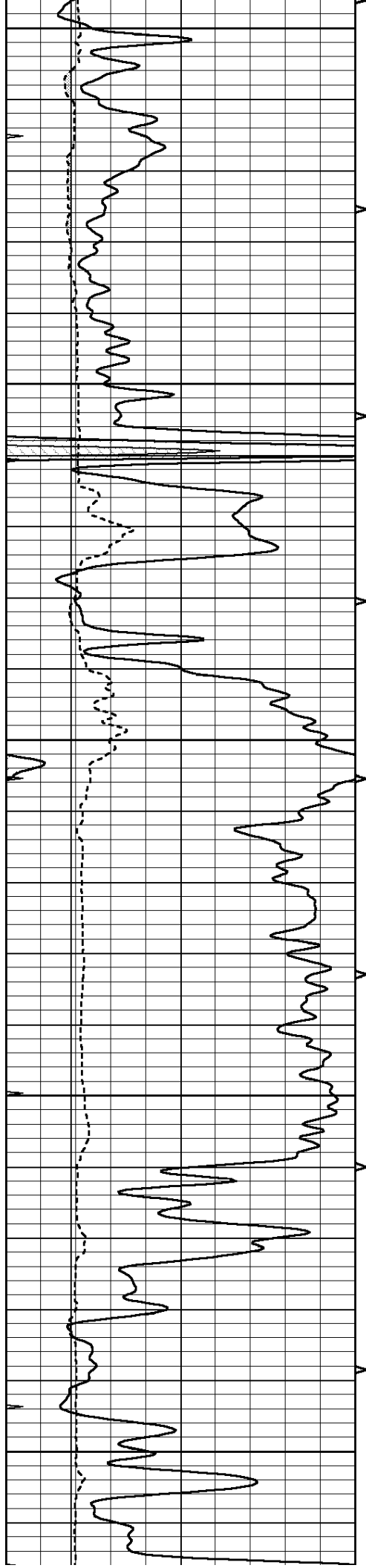
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2750

2800

2850





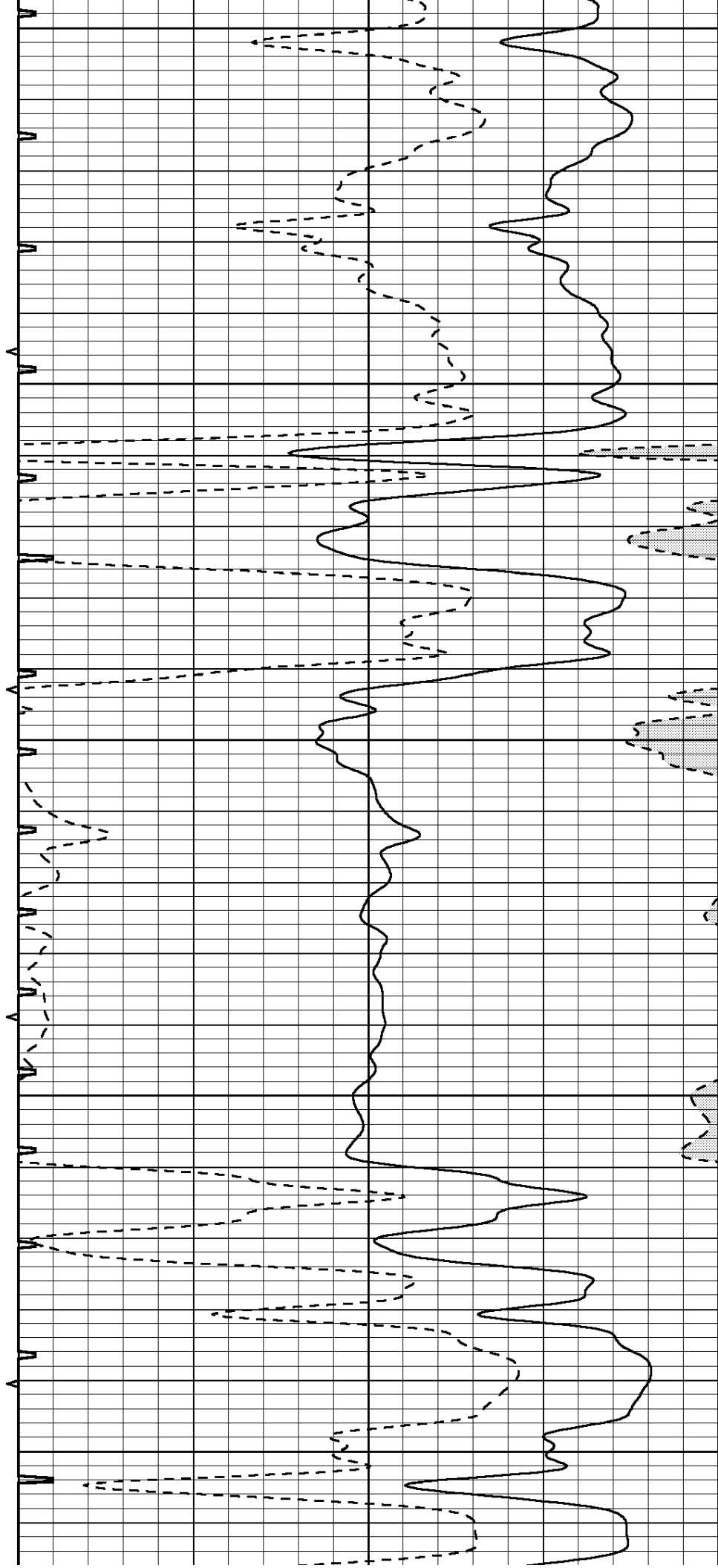
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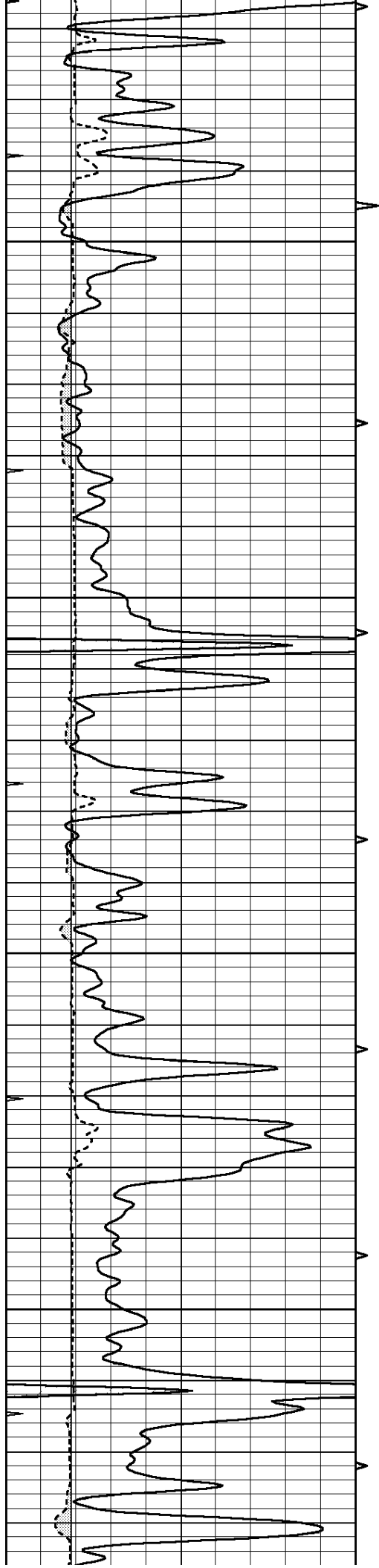
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3000

3050

3100



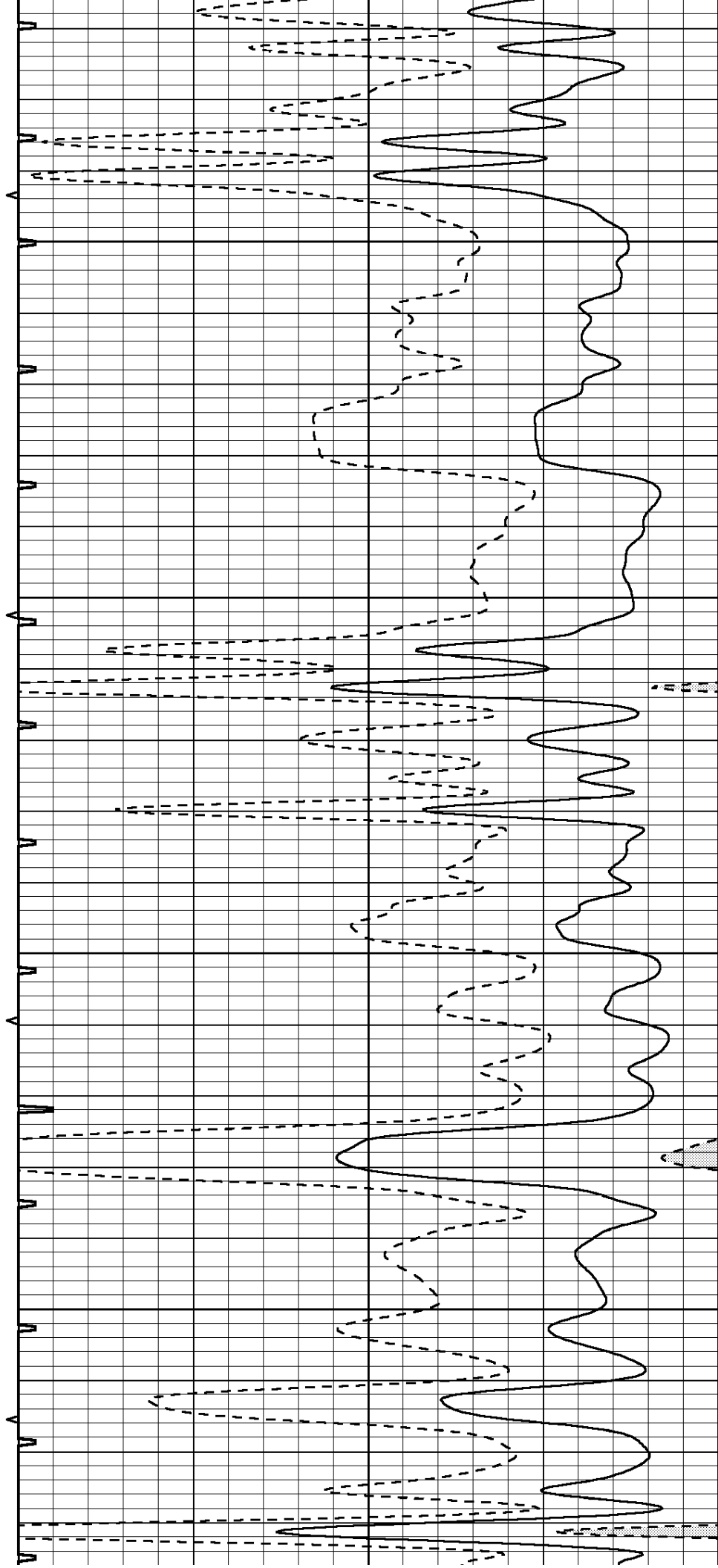


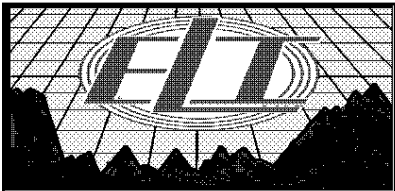
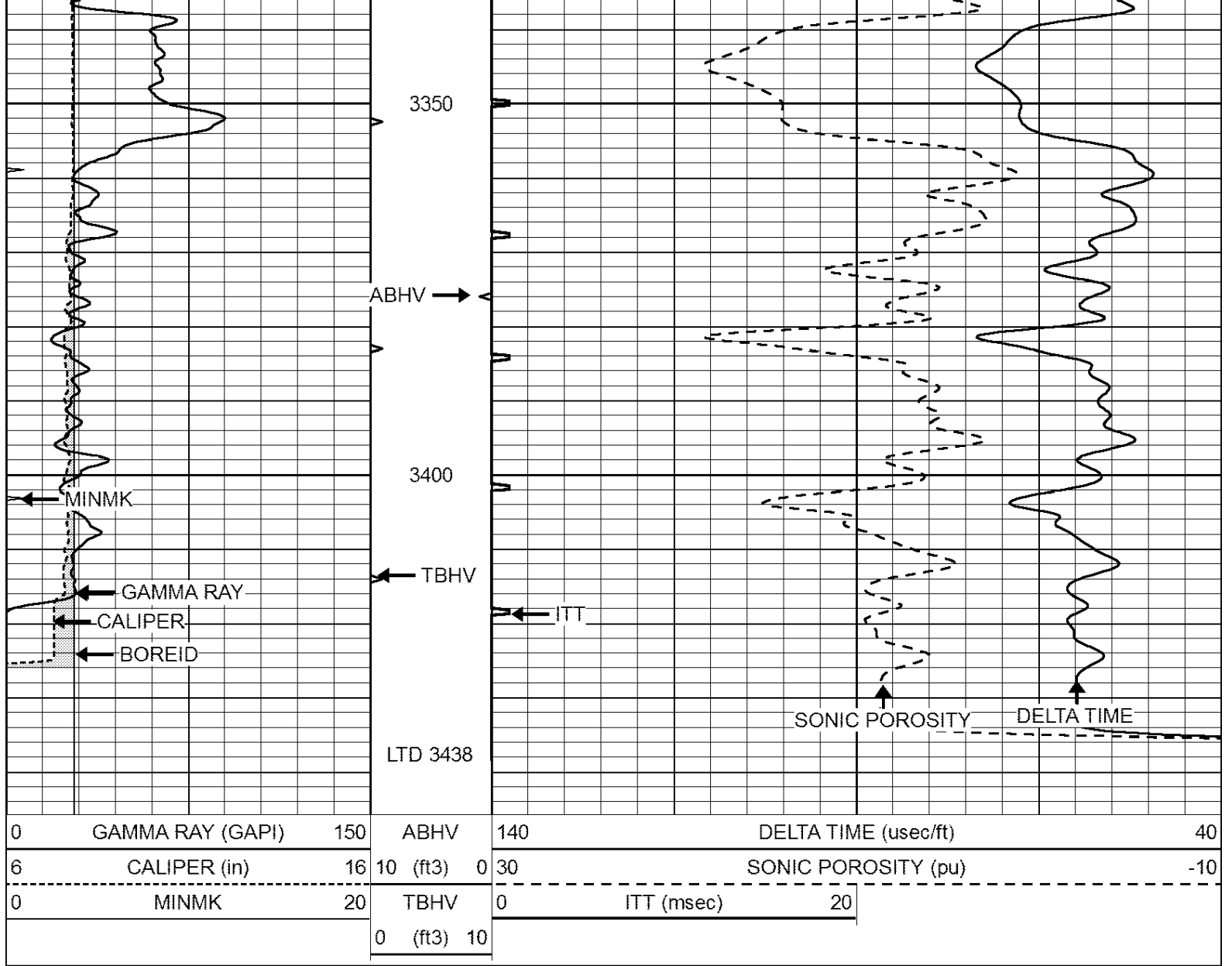
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3200

3250

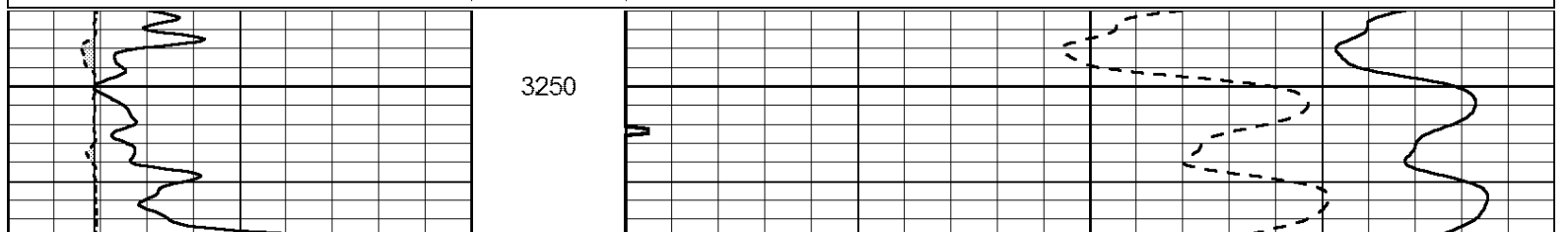
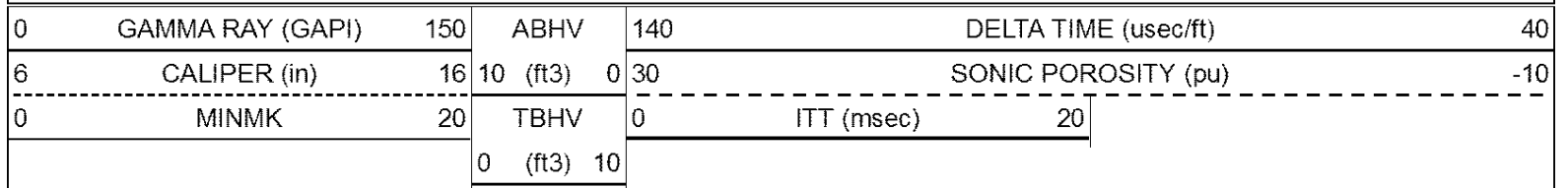
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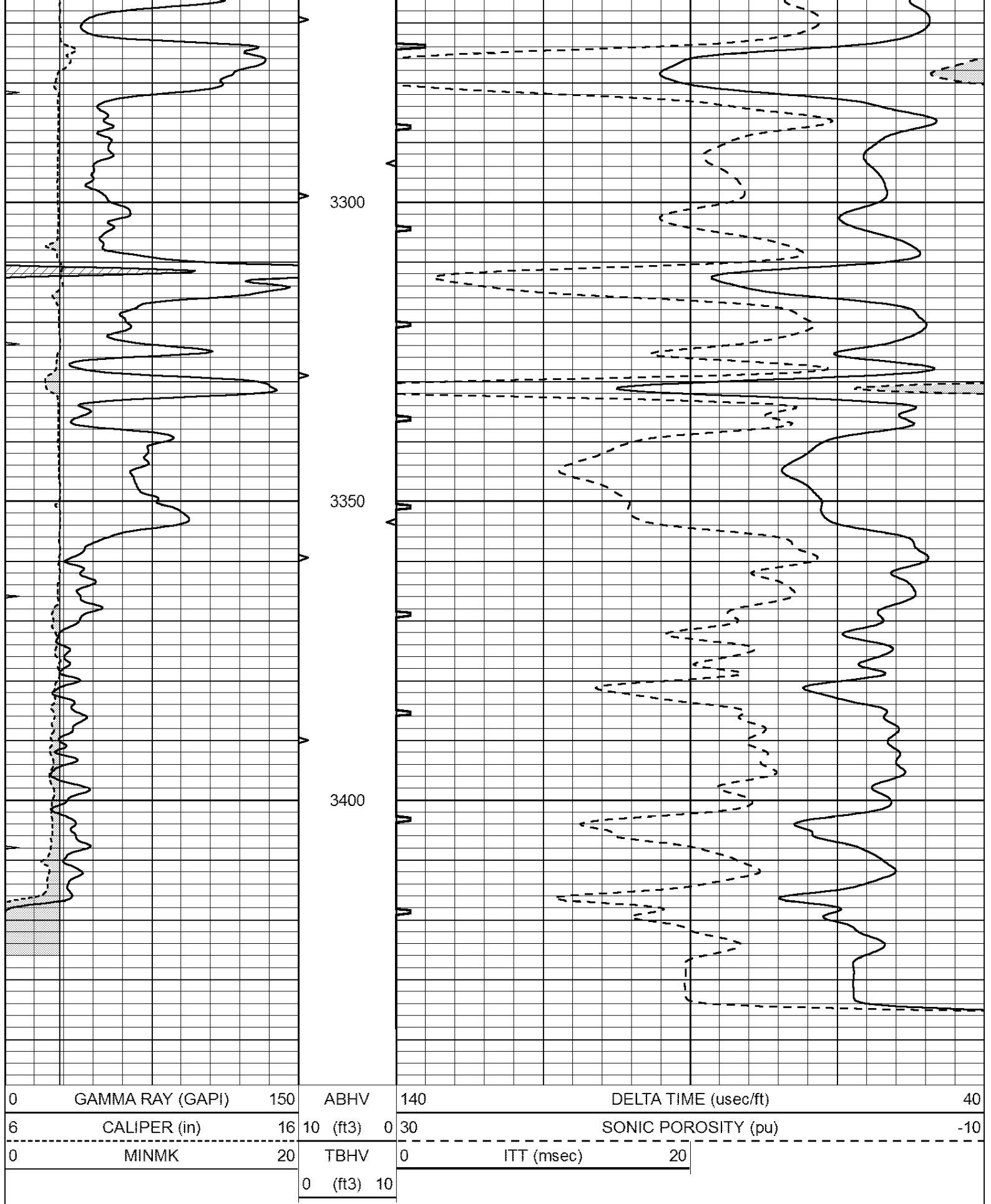




REPEAT SECTION

Database File: 2104ddn.db
 Dataset Pathname: pass4.1
 Presentation Format: _slt
 Dataset Creation: Wed Oct 25 23:02:05 2017 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 2104ddn.db
Dataset Pathname: pass4.1
Dataset Creation: Wed Oct 25 23:02:05 2017 by Cole, Open Caseid 000620

MICRO Calibration Report		
Serial Number:	MICRO6	
Tool Model:	PROBE	
Performed:	Wed Aug 16 17:13:39 2017	
Caliper Calibration:	Gain=3.960	Offset=4.551
	Low Cal	High Cal
References	7.000	14.000
Readings	0.555	2.323
1.5" Calibration:	Gain=43.075	Offset=-0.400
	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	1.196
2" Calibration:	Gain=45.000	Offset=-1.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.006	0.913
Gamma Ray Calibration Report		
Serial Number:	GR2	
Tool Model:	OPEN	
Performed:	Wed Aug 16 17:13:40 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3800	GAPI/cps