



SONIC LOG

Company	JONES OIL, LLC.
Well	DUNN #1
Field	BRENN
County	STAFFORD
State	KANSAS
Location:	AP1 # : 15-185-24007-00-00 969' FNL & 330' FEL
SEC 24 TWP 23S RGE 14W	CDL/CNL/DIL ML
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL Elevation 1936' KELLY BUSHING 7' A.G.L. KELLY BUSHING
Elevation	K.B. 1943 D.F. 1941 G.L. 1936
Date	02/10/18
Run Number	TWO
Depth Driller	4040
Depth Logger	4041
Bottom Logged Interval	4032
Top Log Interval	600
Casing Driller	8 5/8" @ 639
Casing Logger	639
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.365
pH / Fluid Loss	10.0/10.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.70@54
Rmt @ Meas. Temp	.53@54
Rmc @ Meas. Temp	.84@54
Source of Rmt / Rmc	MEASURED
Rm @ BHT	.33@115
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	///
Maximum Recorded Temperature	115F
Equipment Number	4010
Location	HAYS, KANSAS
Recorded By	GUS PFANENSTIEL
Witnessed By	KEATON JONES

<<< Fold Here >>>

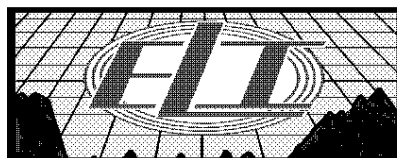
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

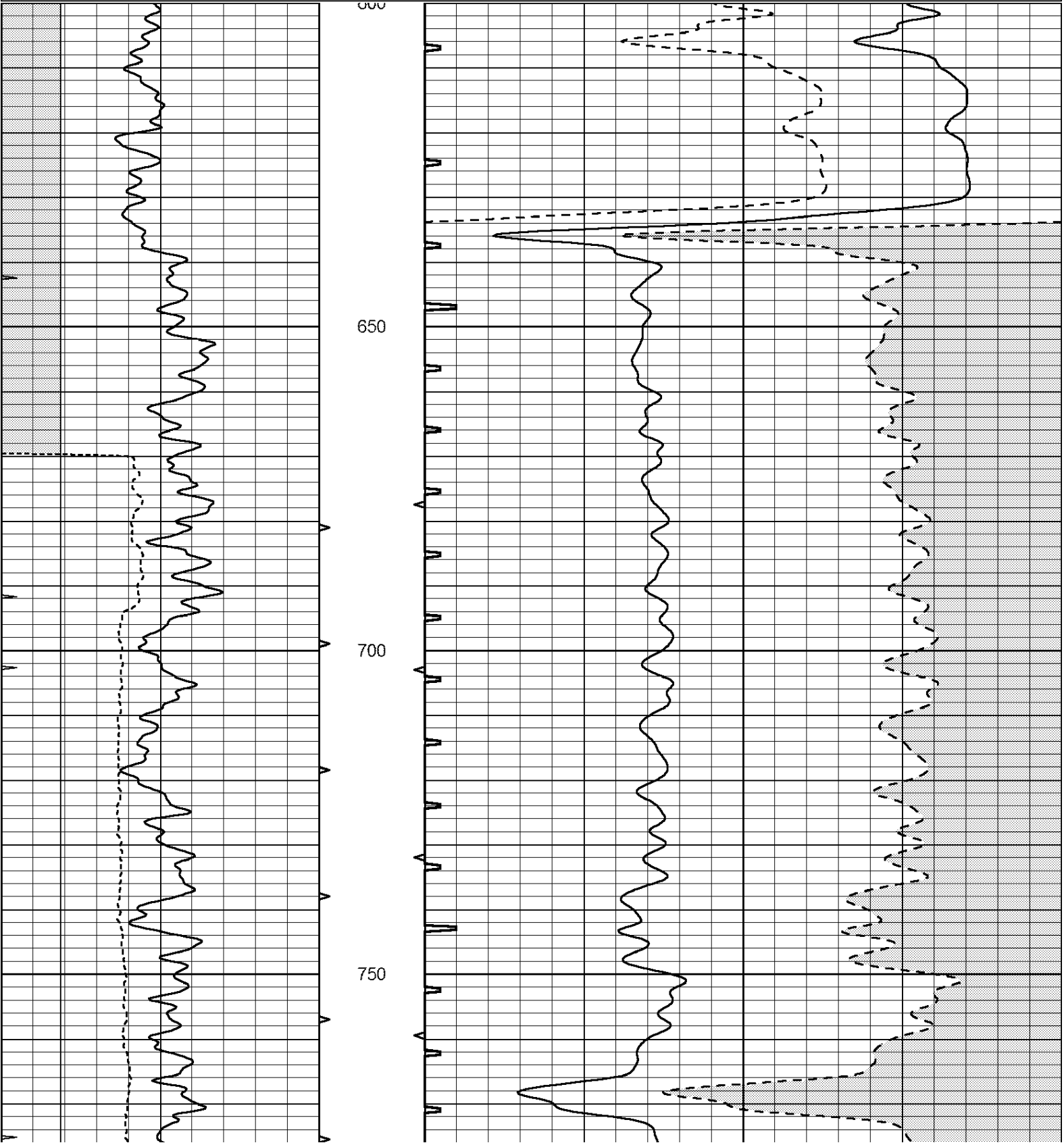
SOUTH SIDE OF ST. JOHN 3 WEST, NORTH ON BLACK TOP 3.5 MILES
WEST INTO.

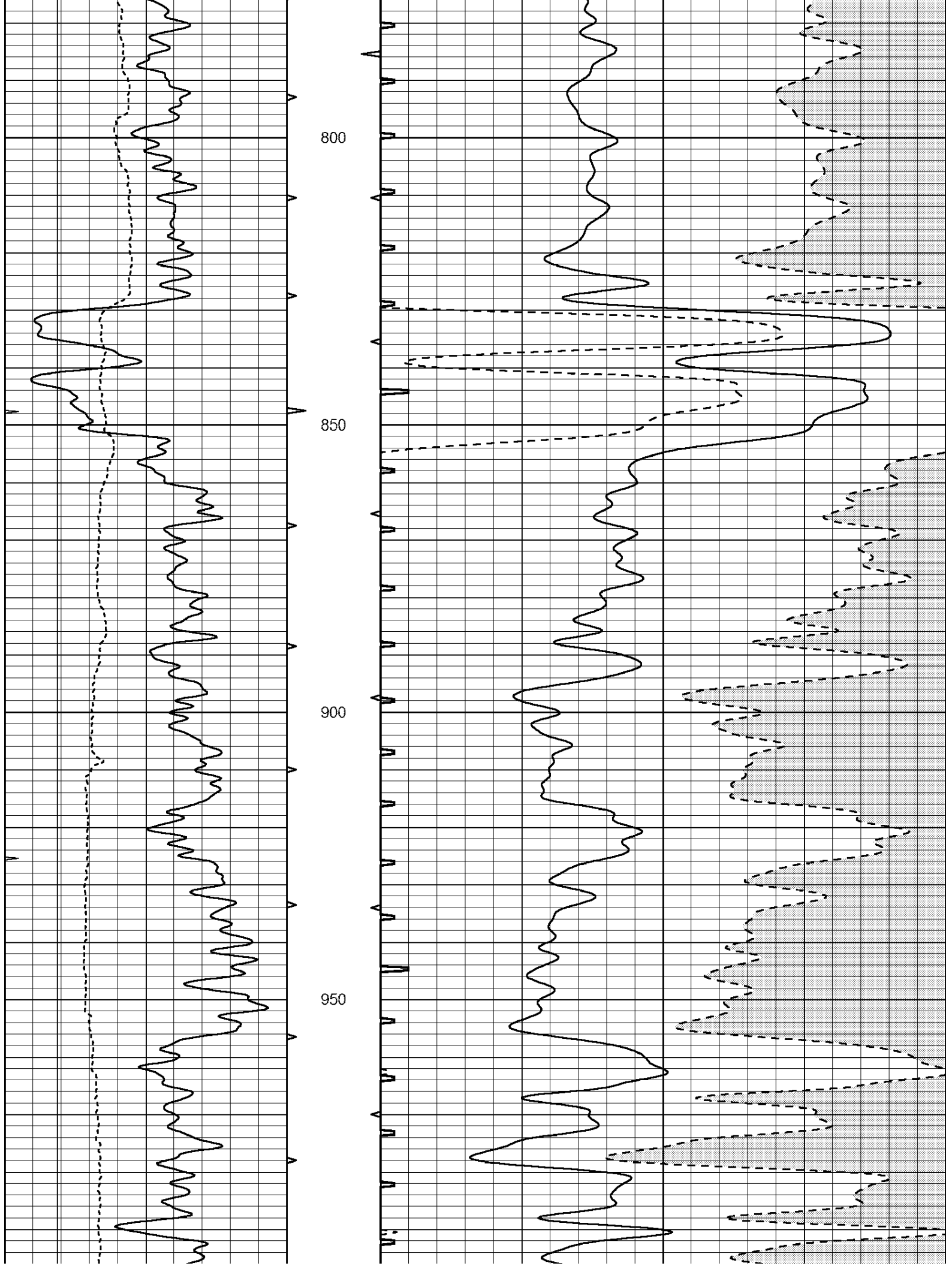


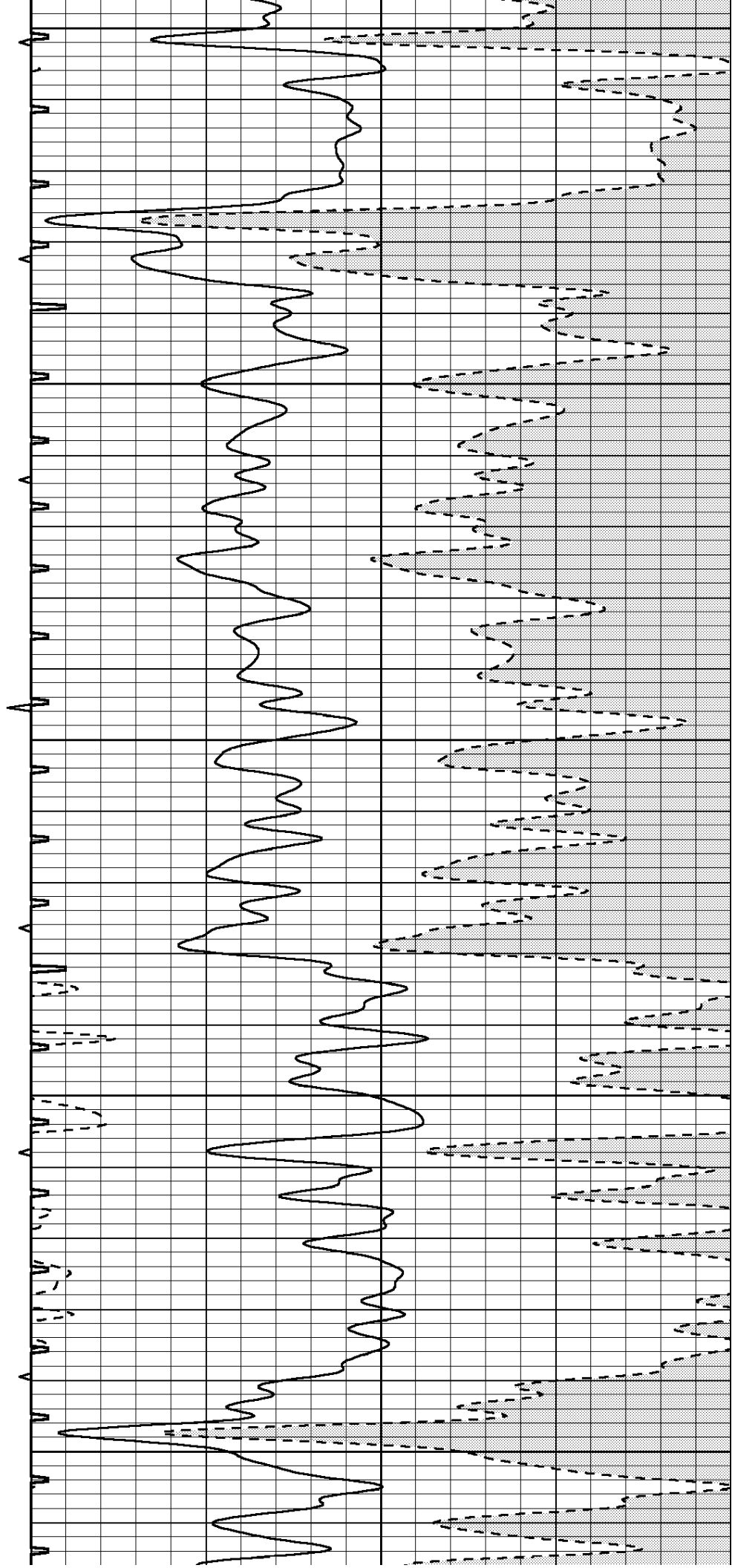
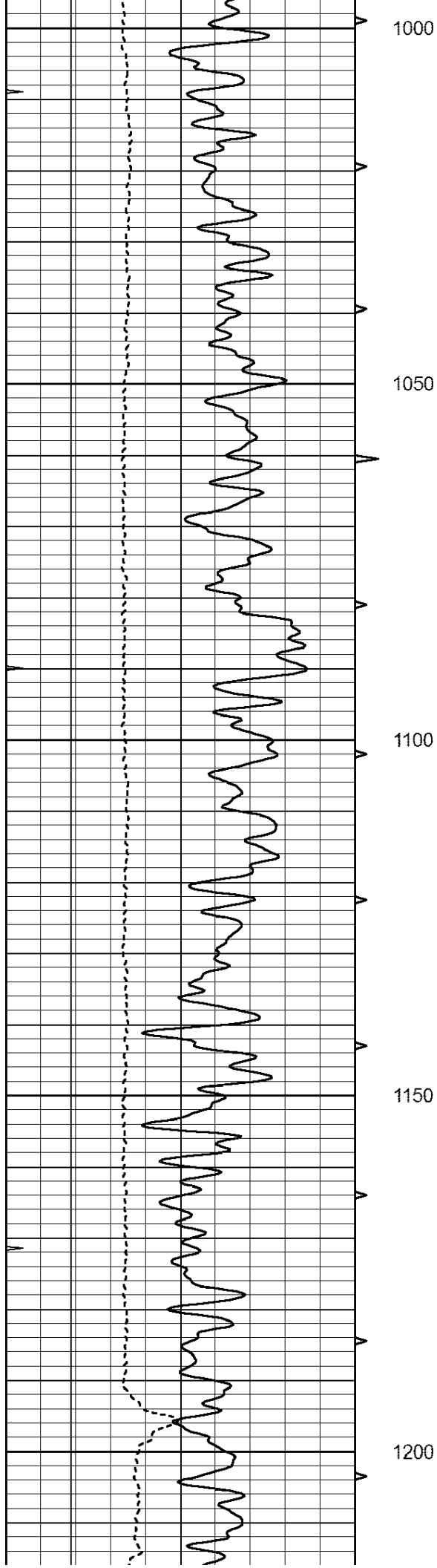
MAIN PASS

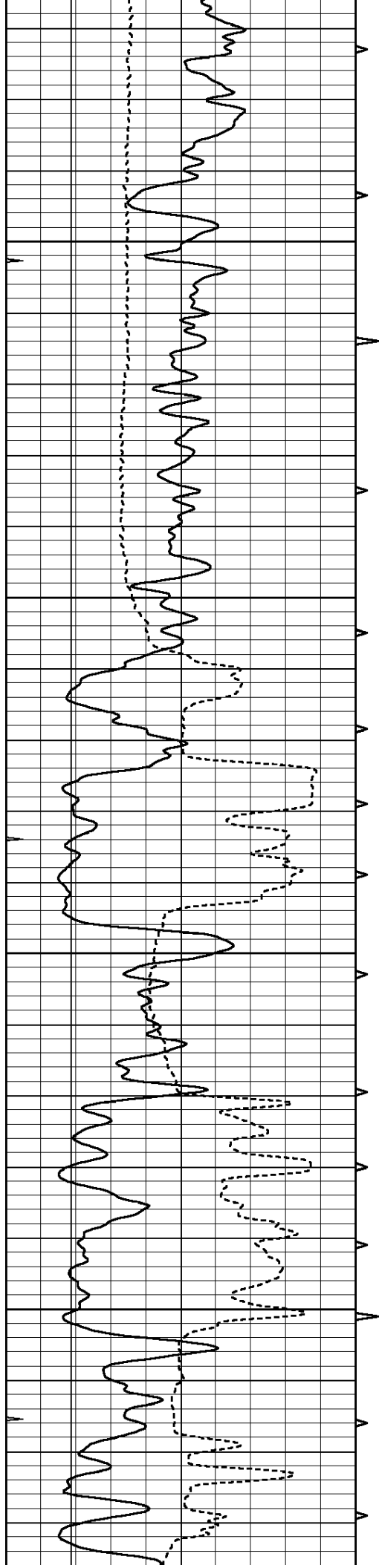
Database File: 2408ddn.db
Dataset Pathname: pass6.1
Presentation Format: _slt
Dataset Creation: Sat Feb 10 19:54:53 2018 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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			







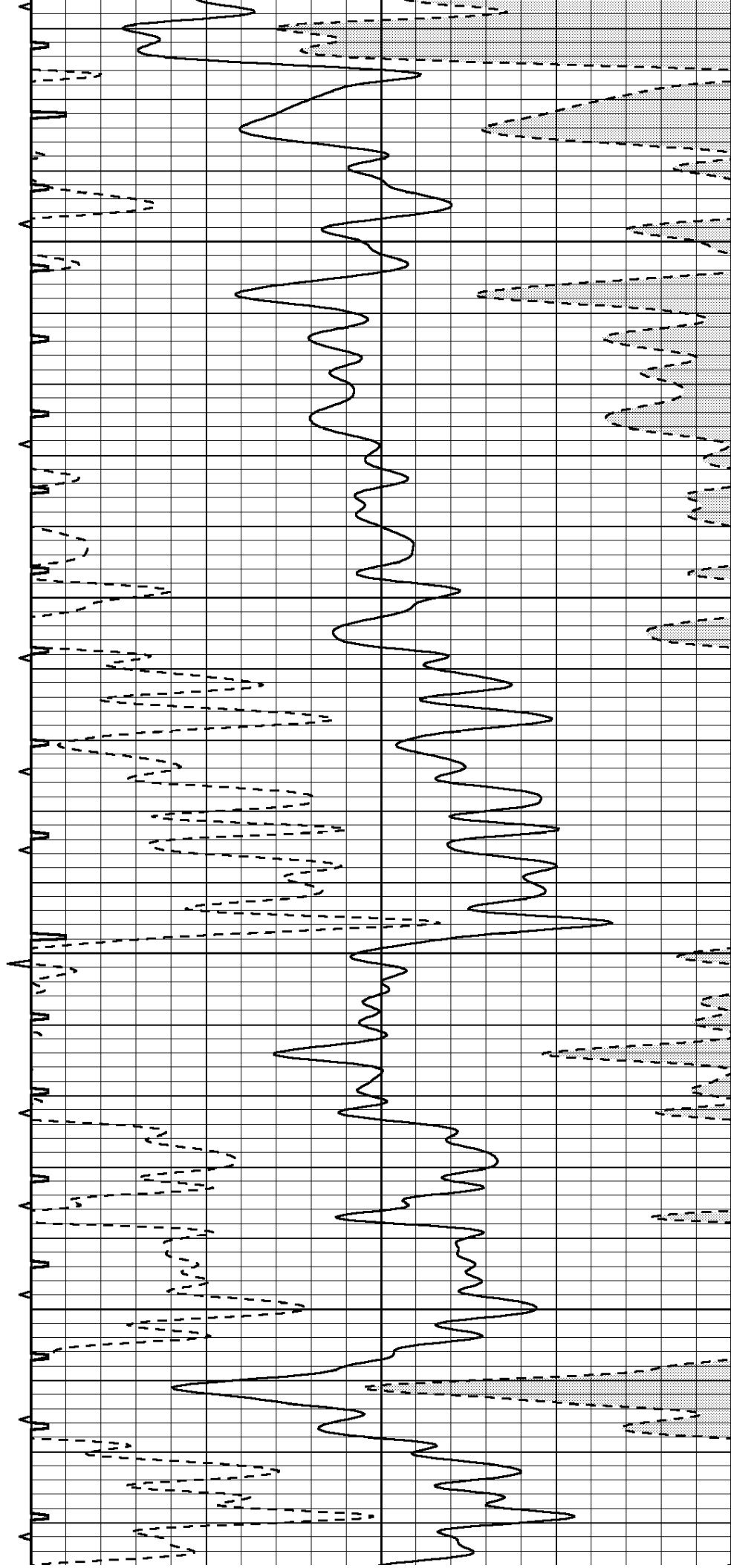


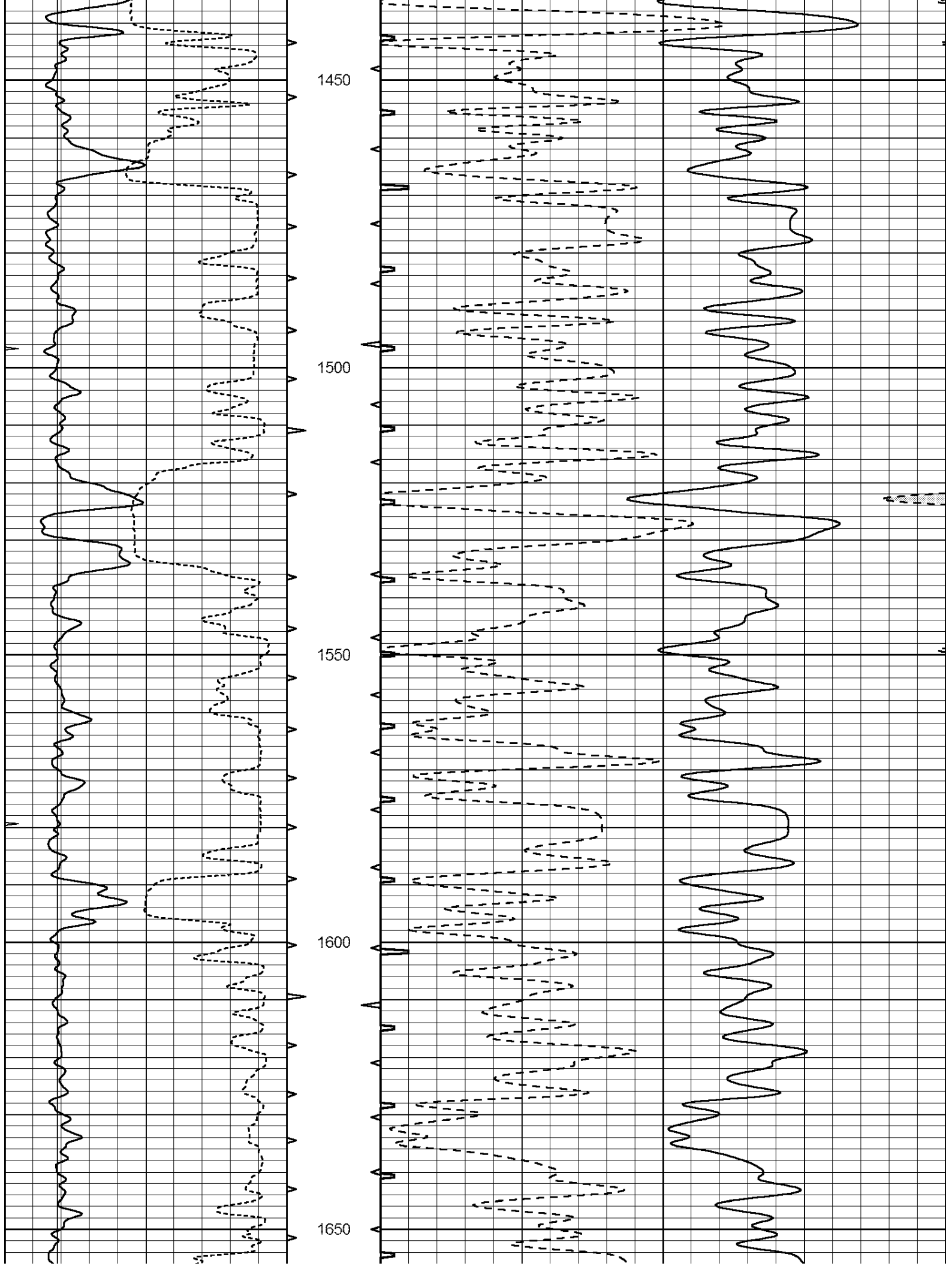
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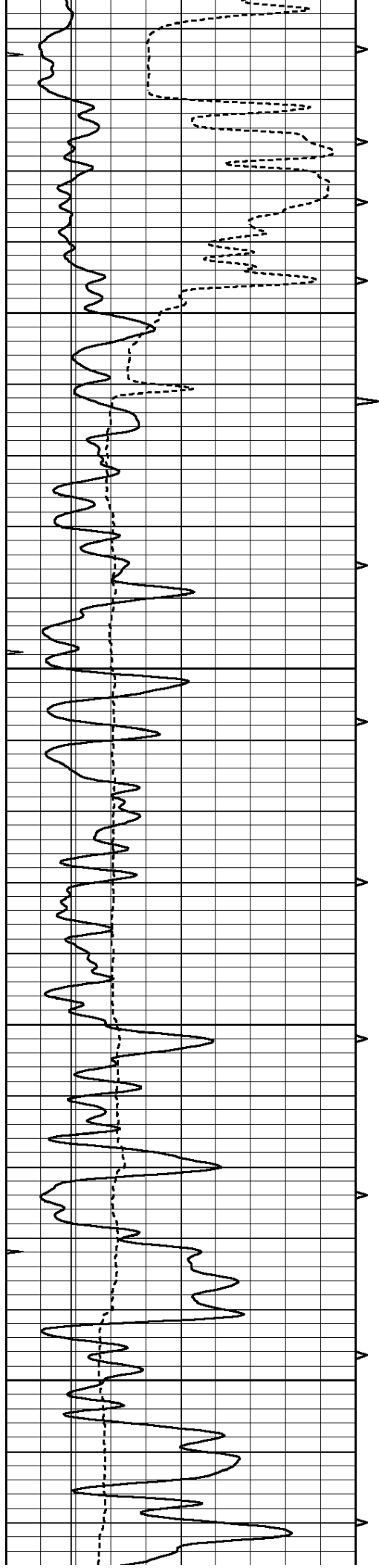
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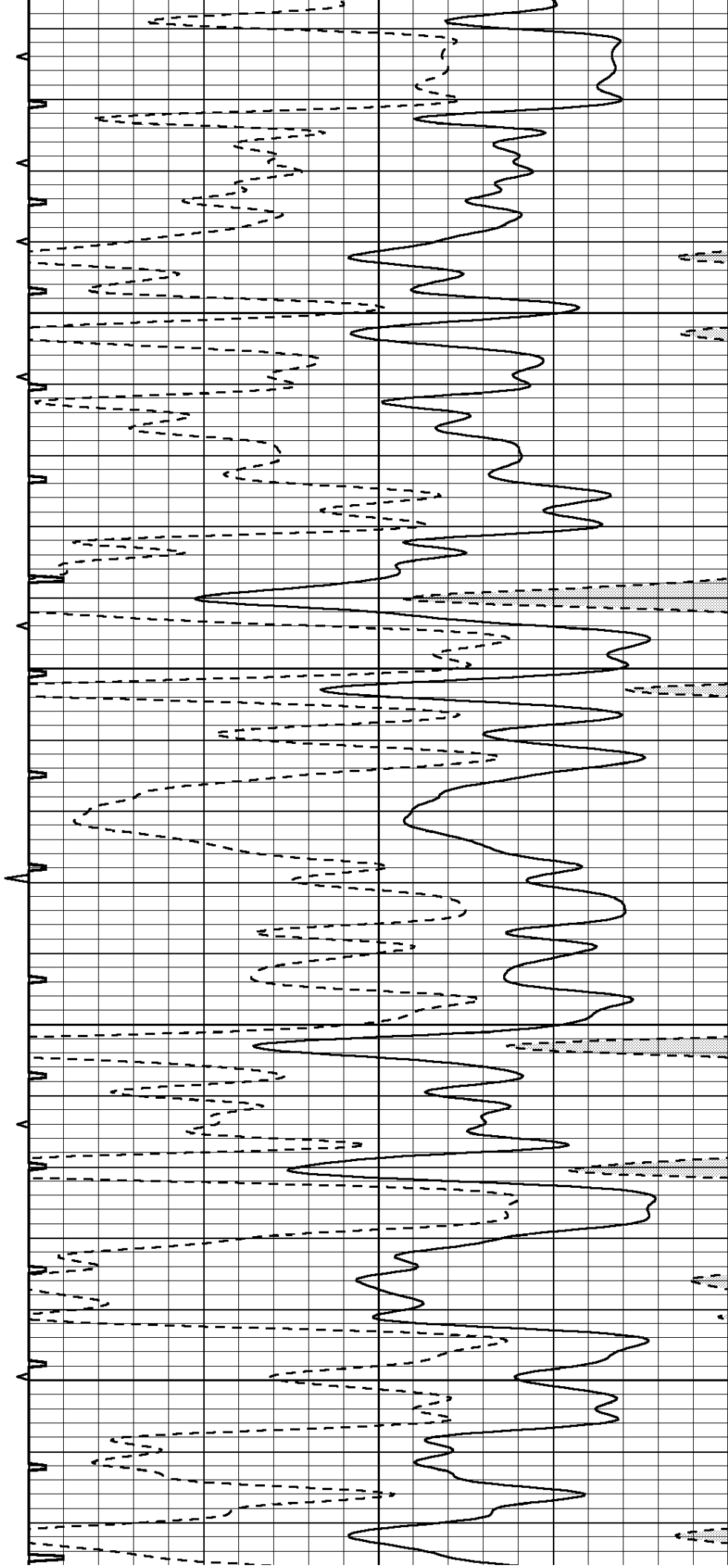


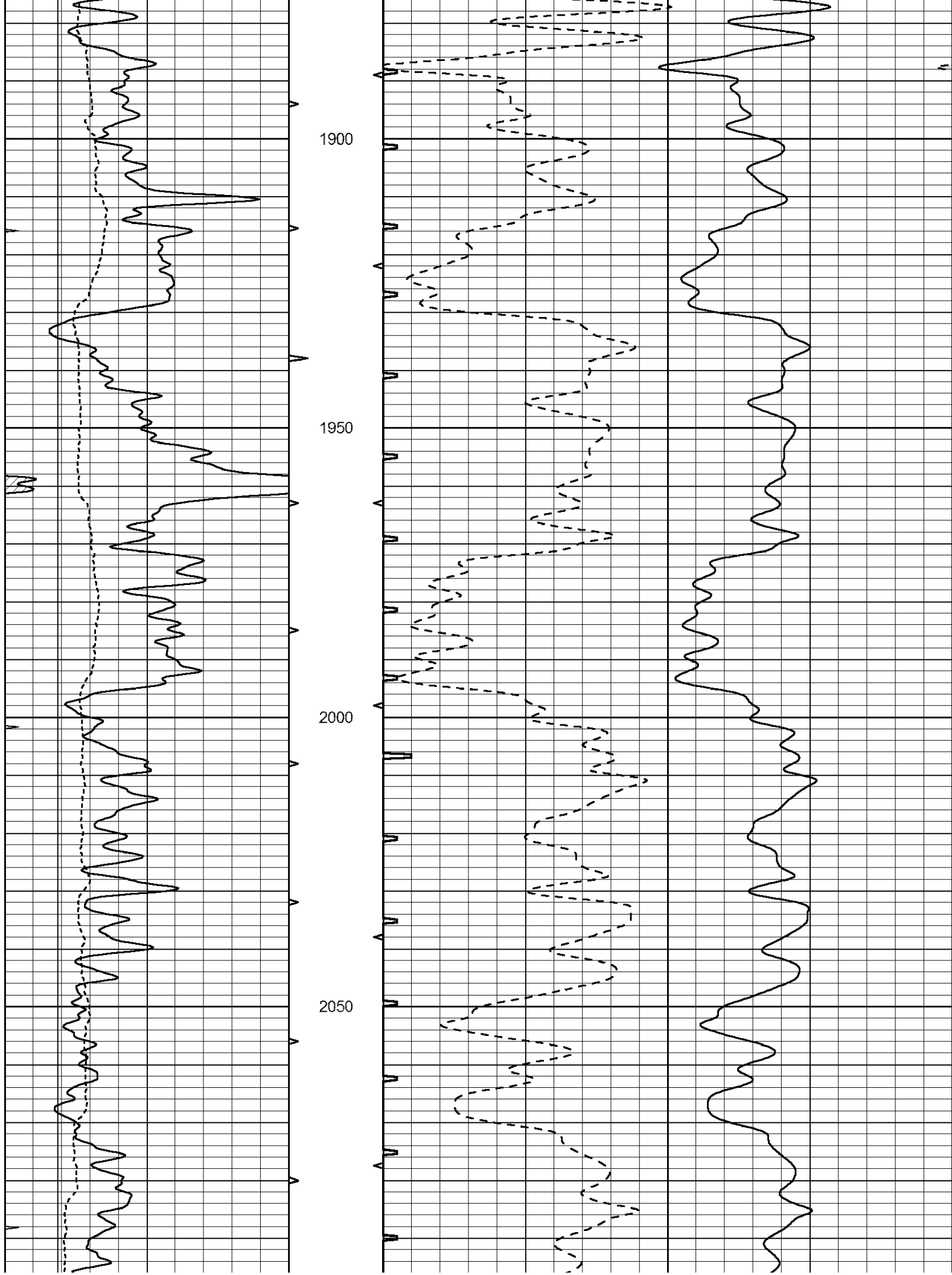
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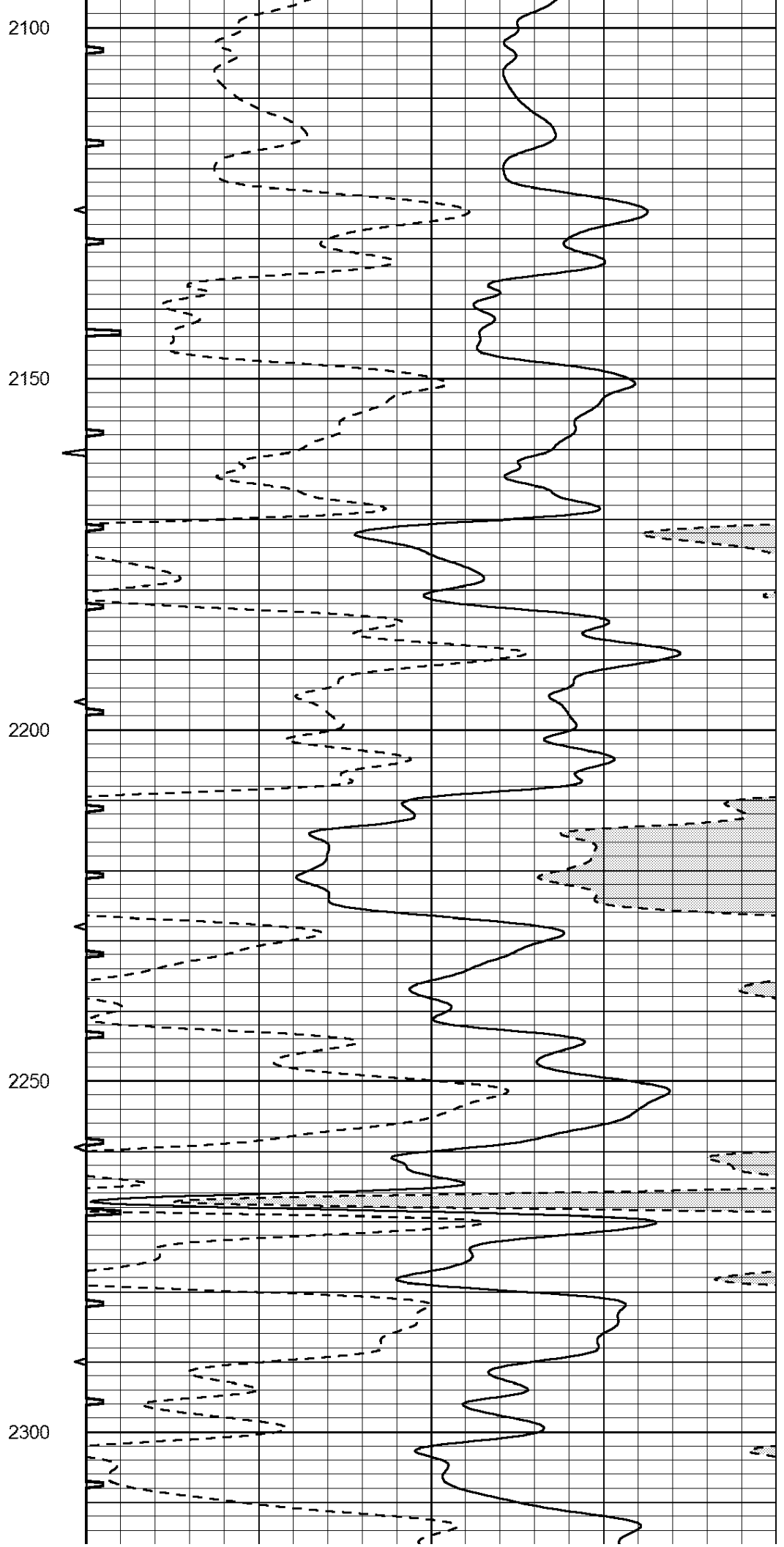
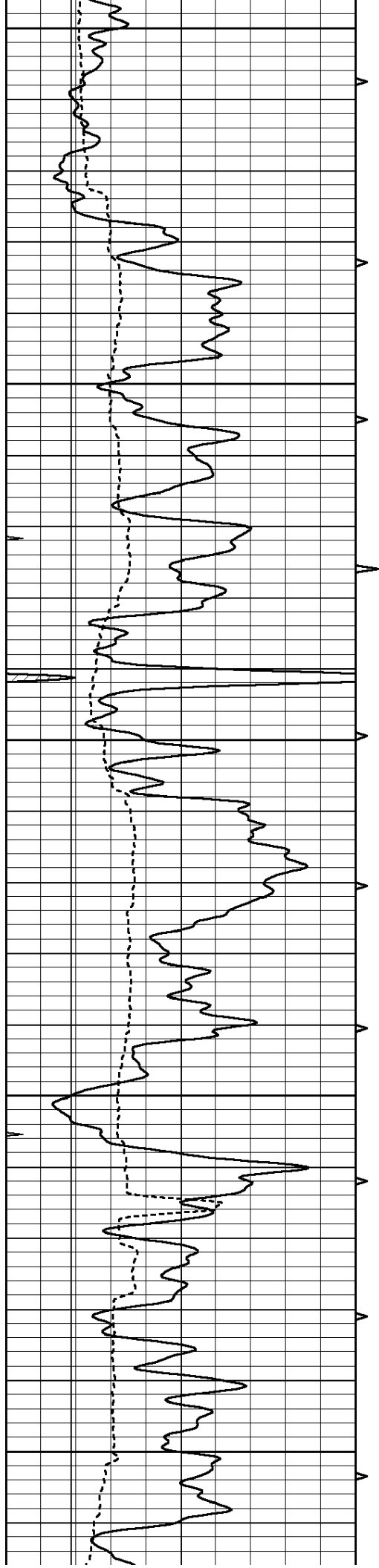
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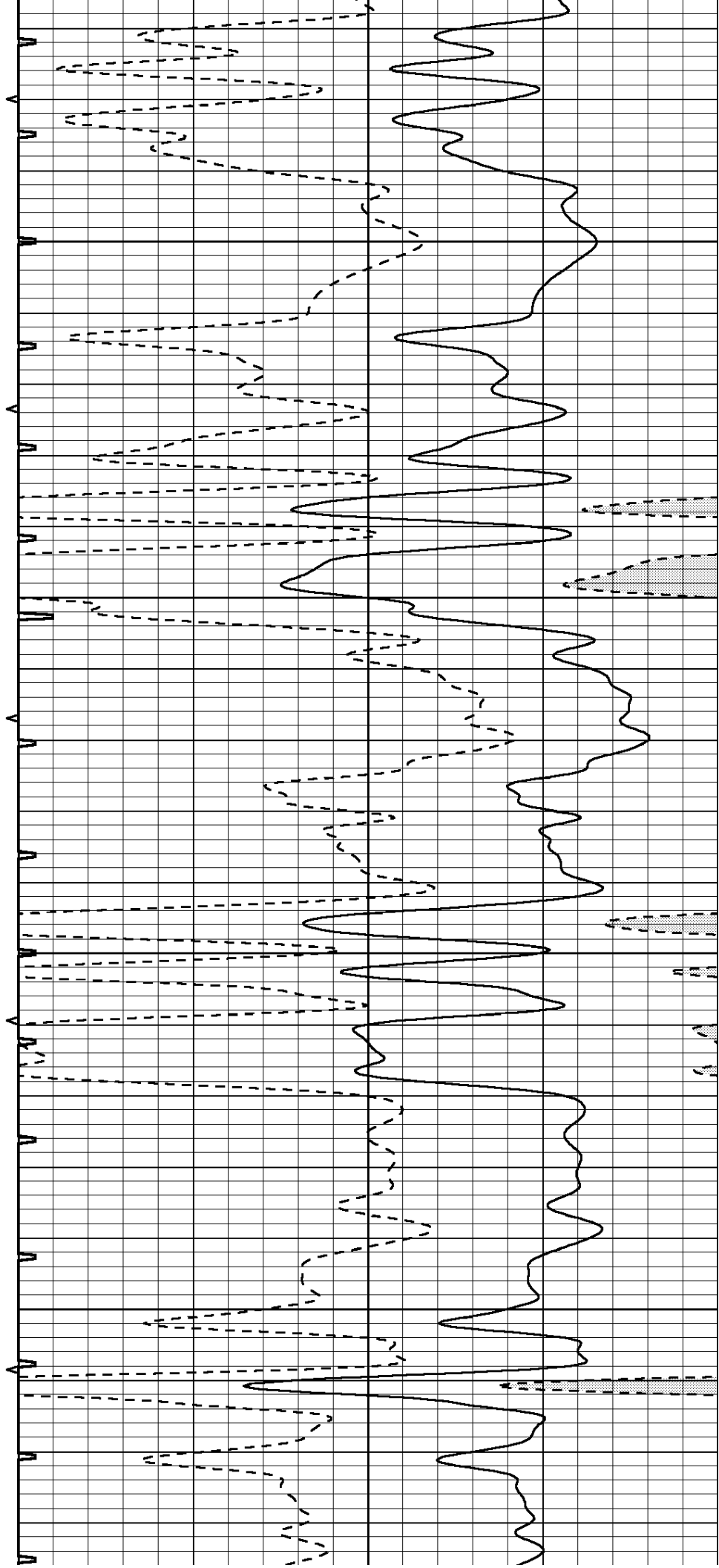


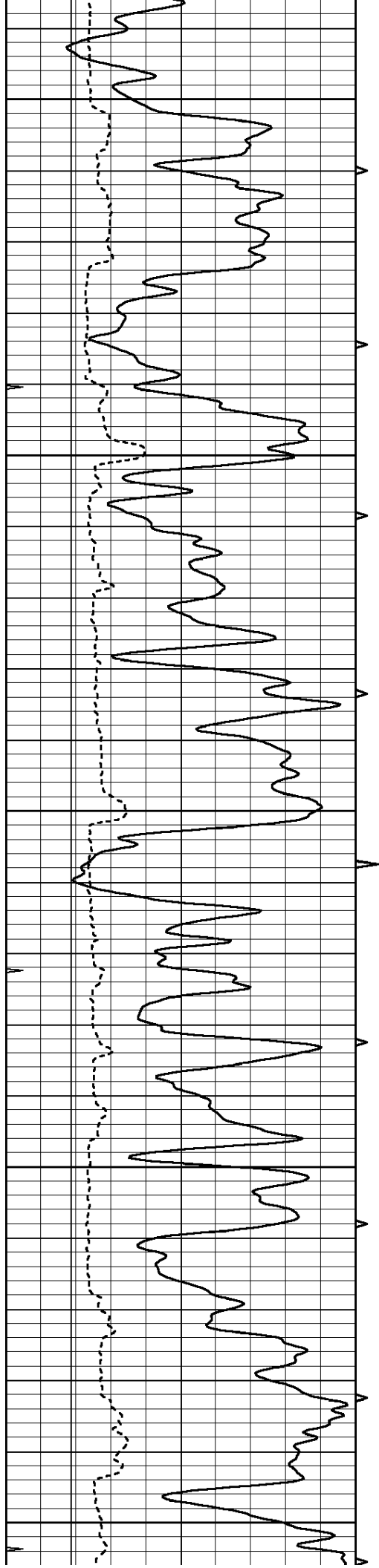
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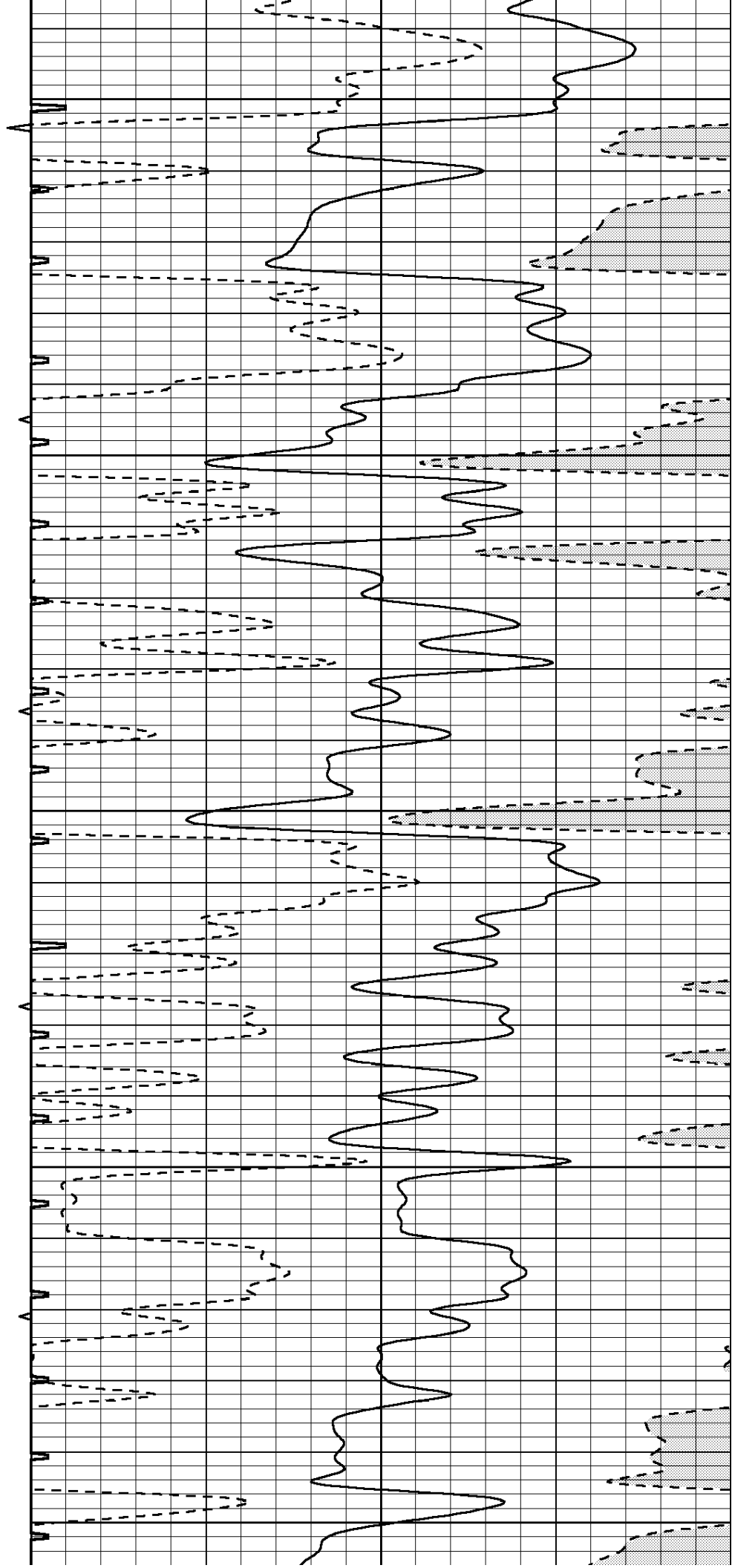
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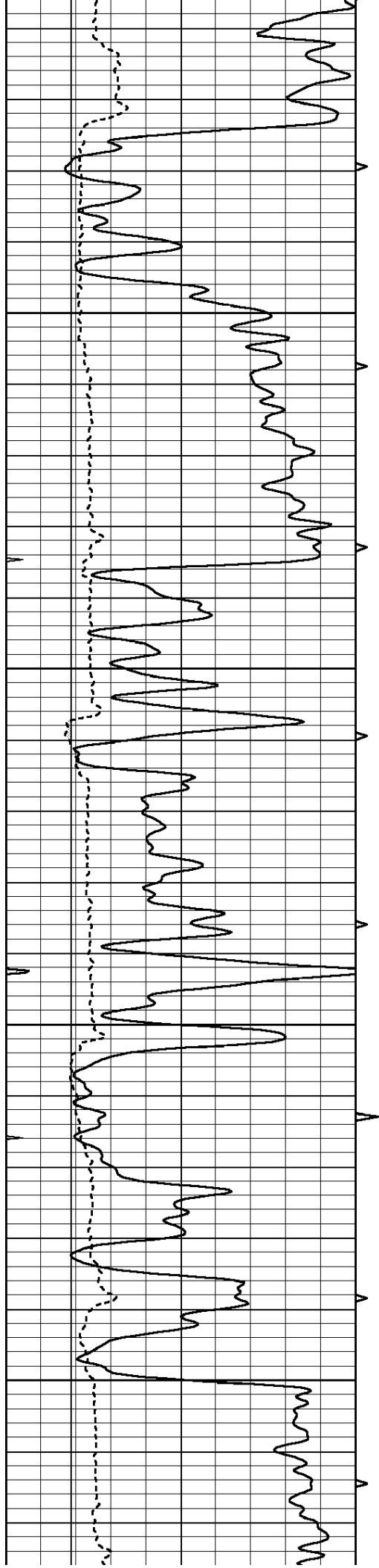
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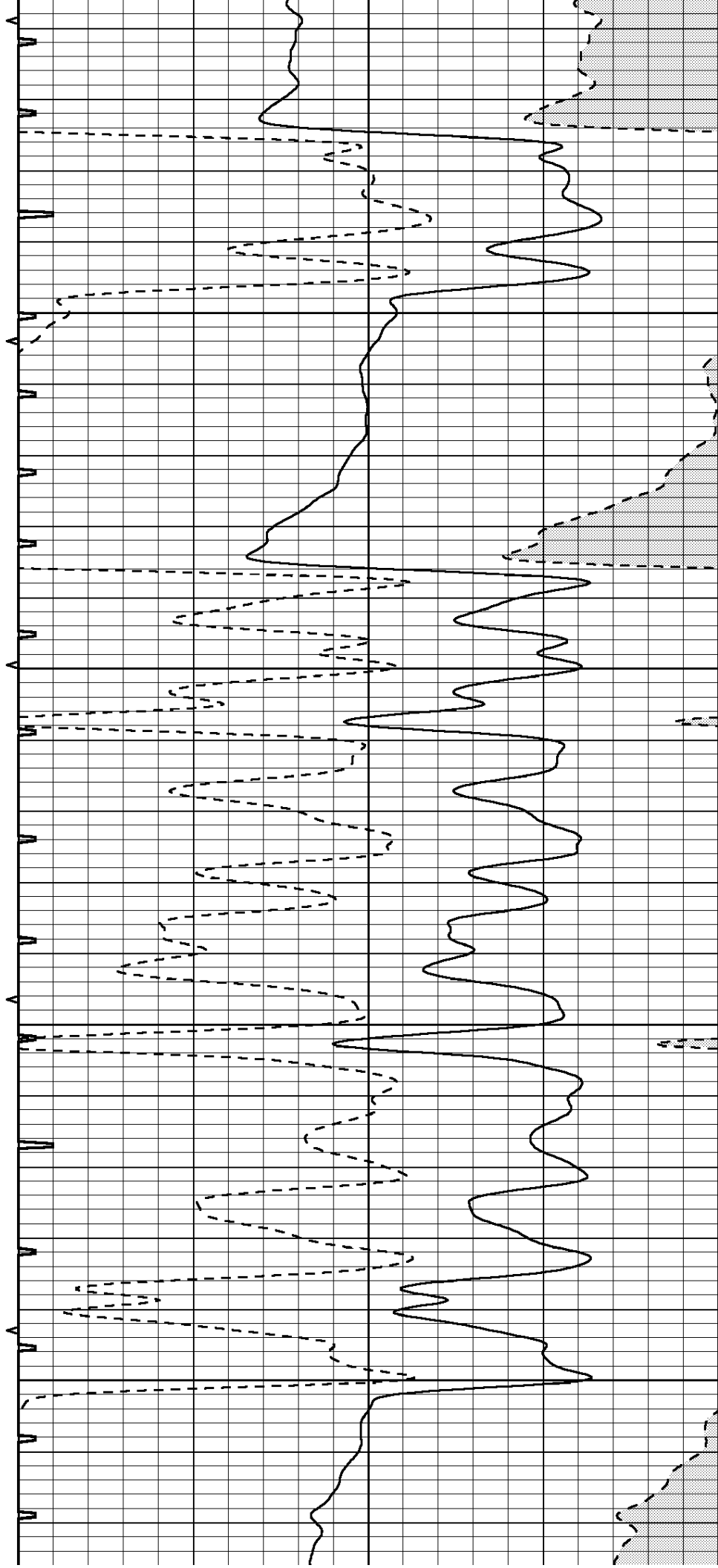


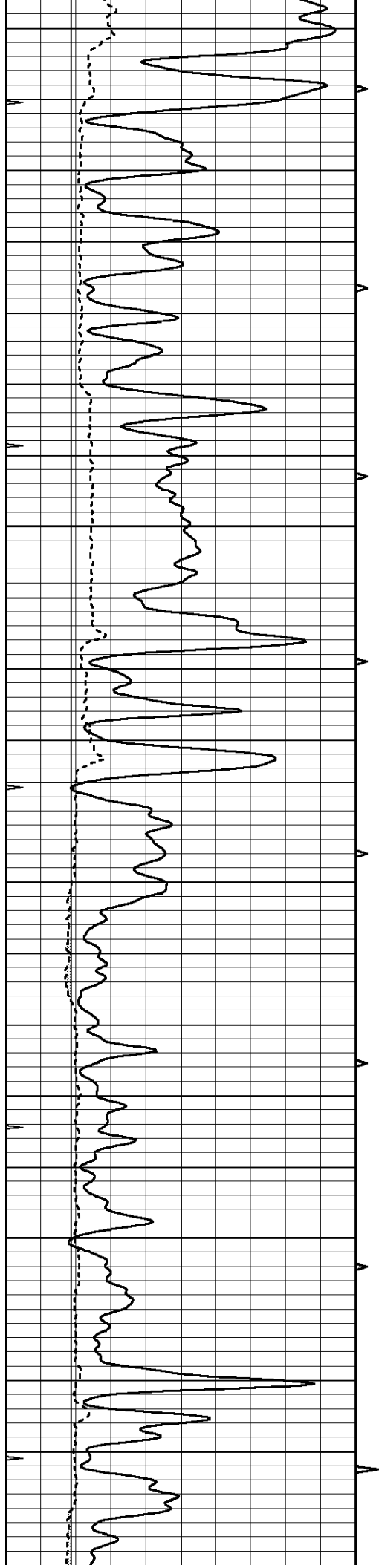
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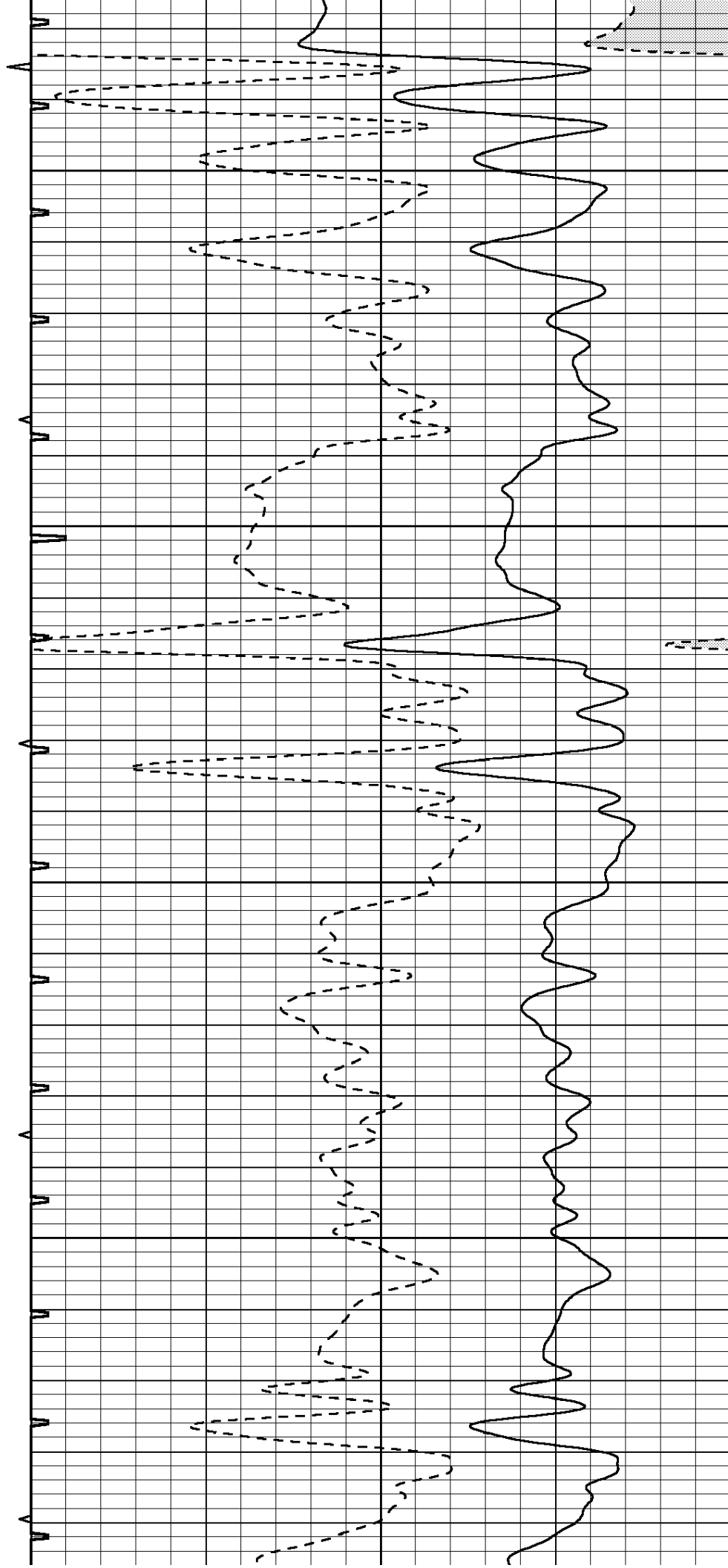


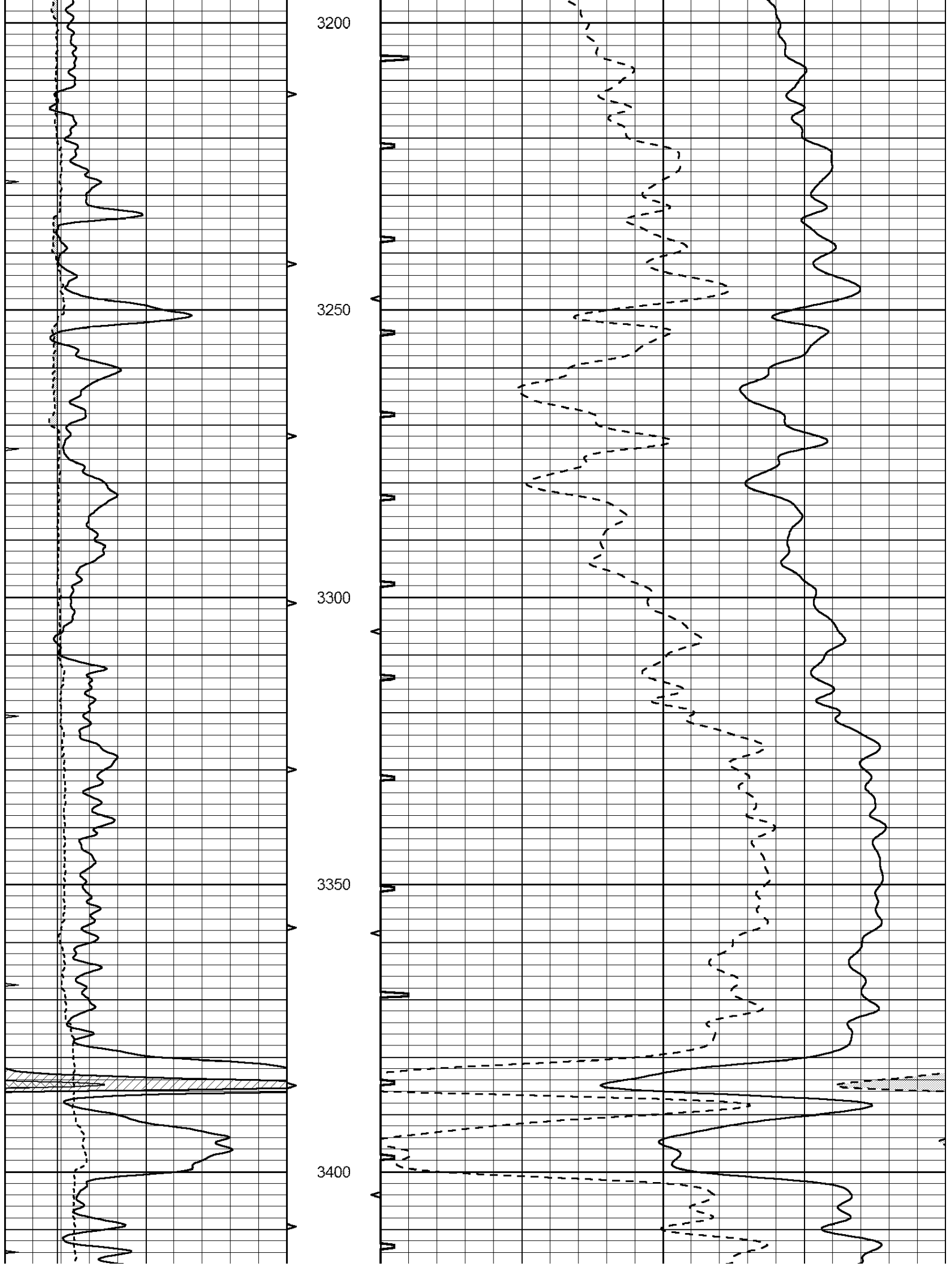
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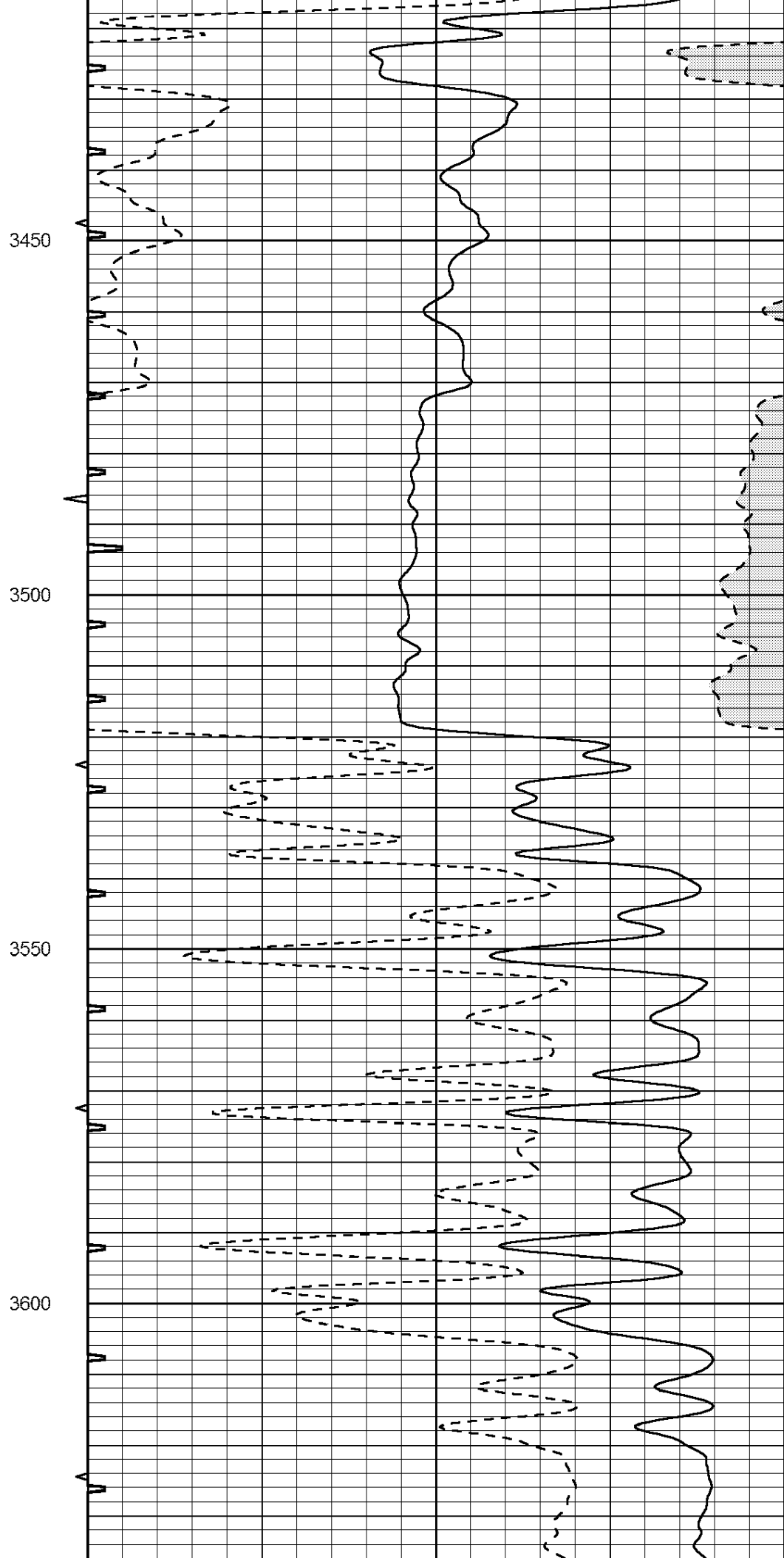
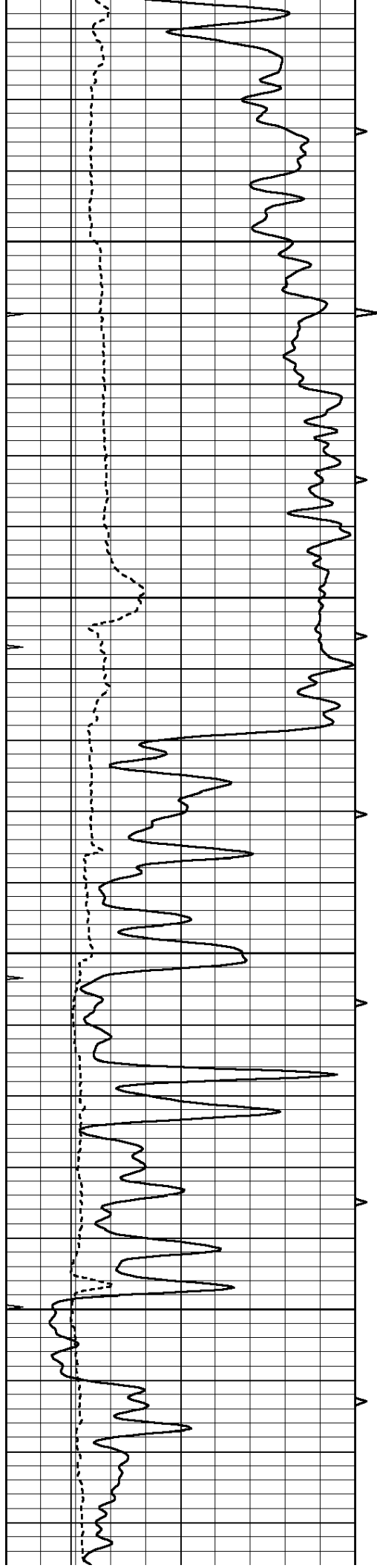
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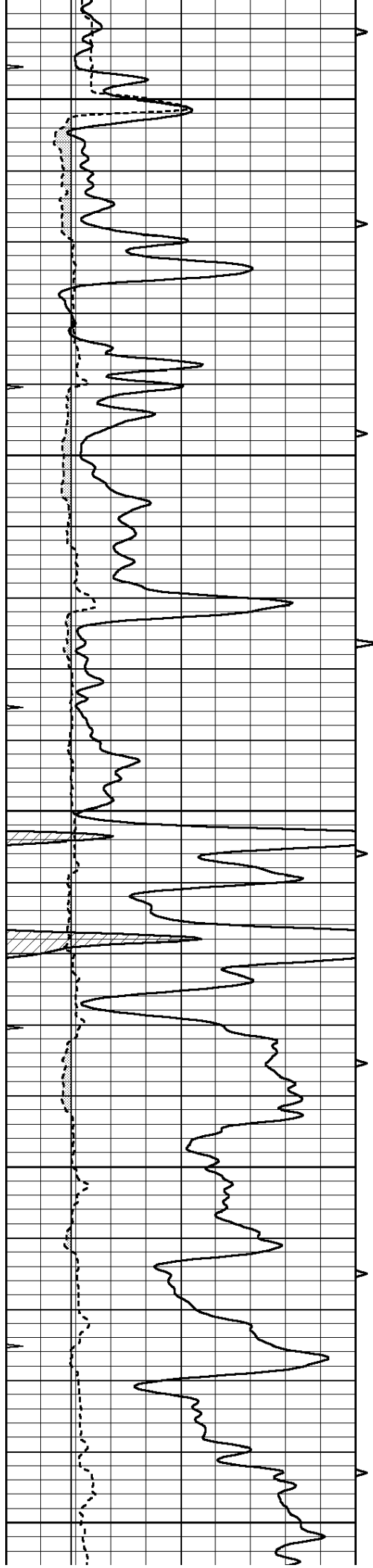
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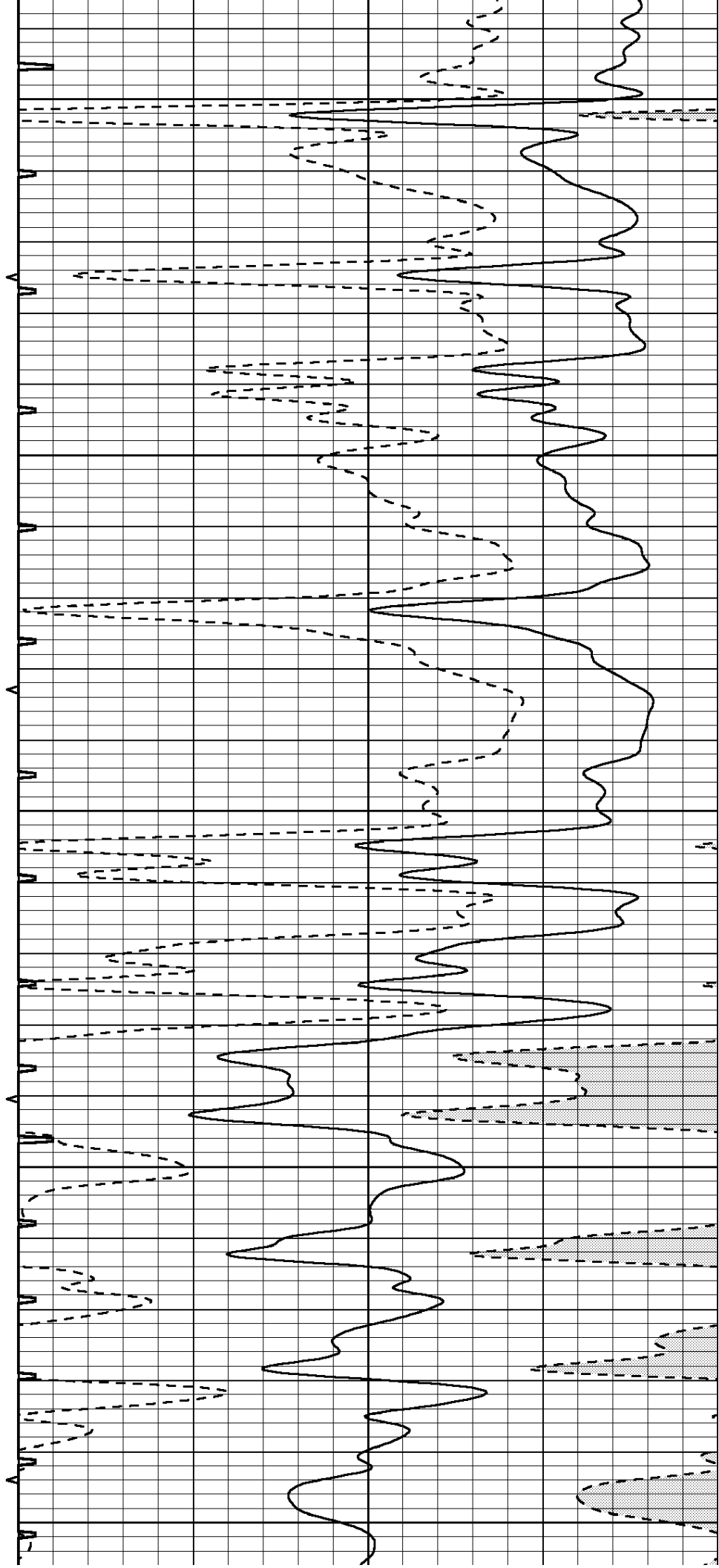
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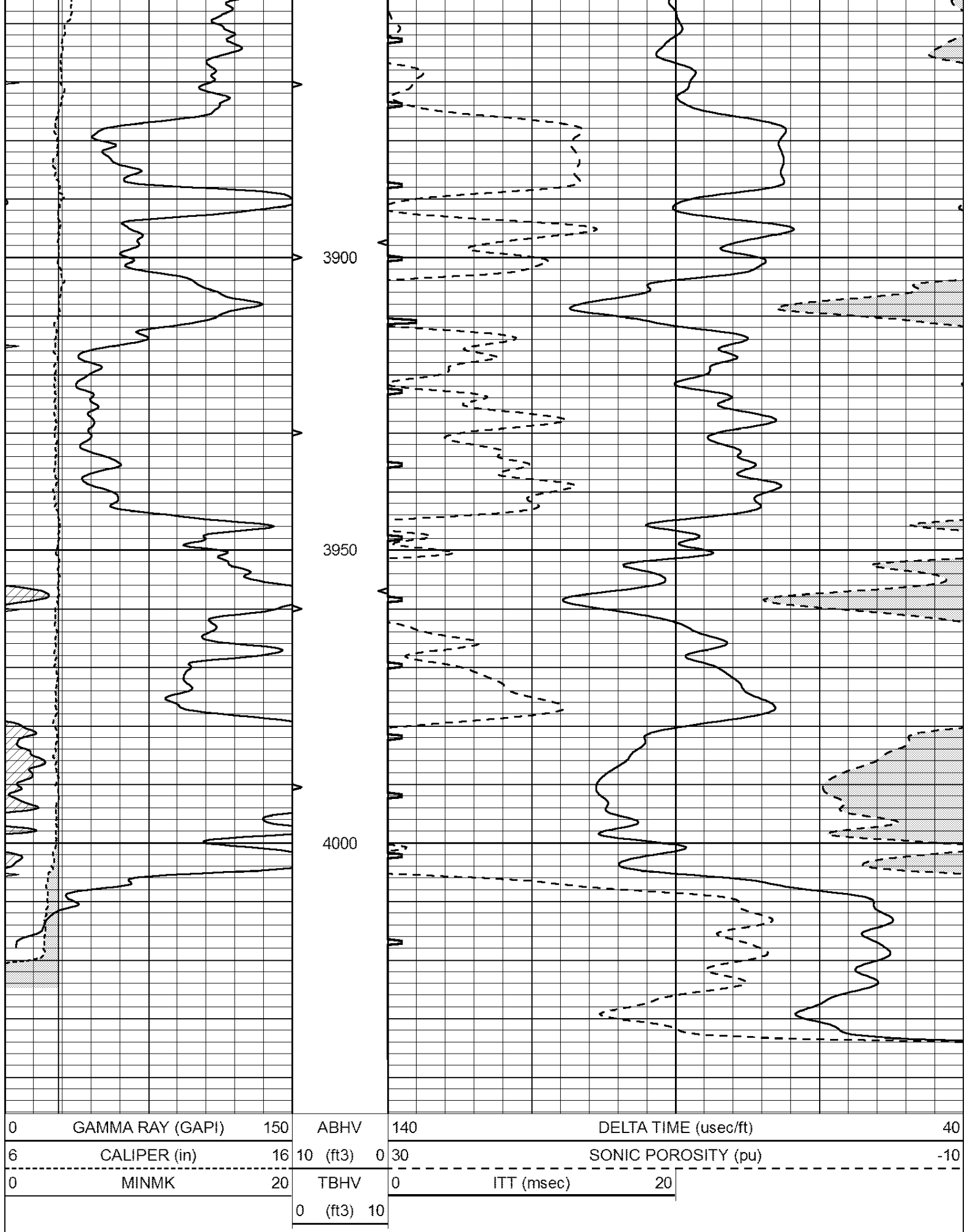
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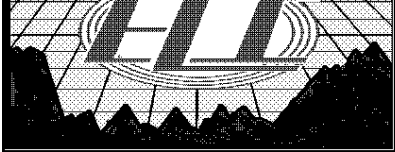
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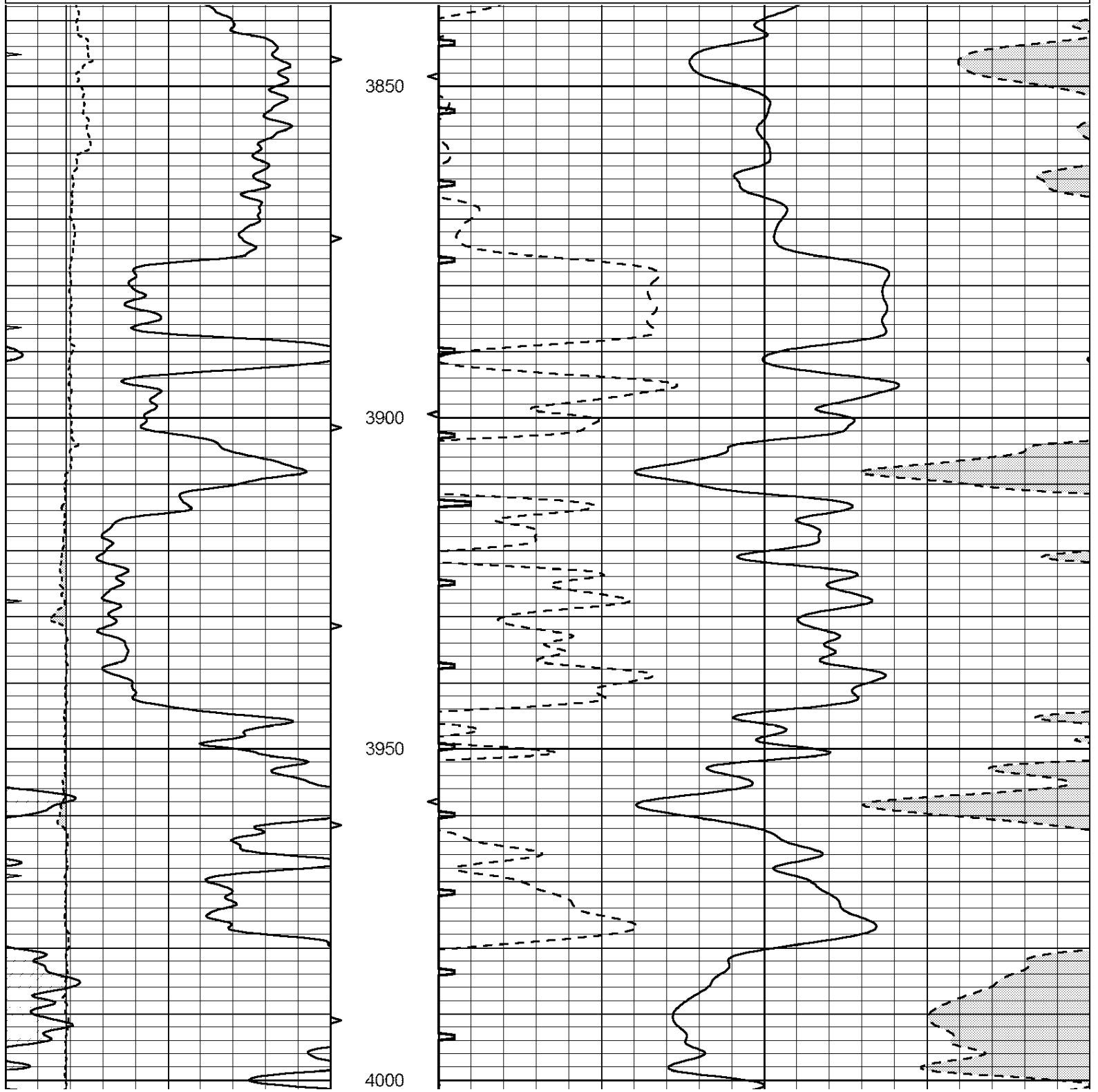


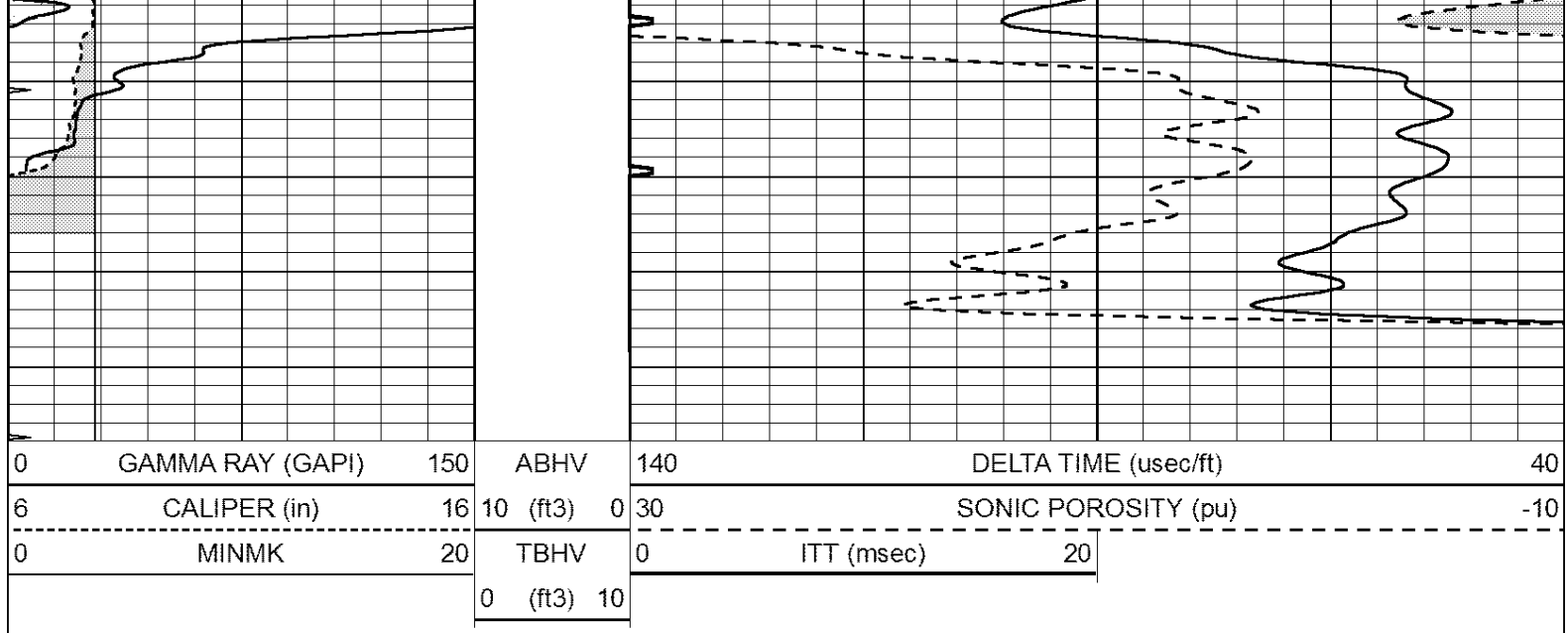


REPEAT SECTION

Database File: 2408ddn.db
Dataset Pathname: pass4.1
Presentation Format: _slt
Dataset Creation: Sat Feb 10 20:01:22 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			





Calibration Report

Database File: 2408ddn.db
 Dataset Pathname: pass4.1
 Dataset Creation: Sat Feb 10 20:01:22 2018 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO6
 Tool Model: PROBE
 Performed: Wed Feb 07 06:59:26 2018

Caliper Calibration: Gain=26.821 Offset=0.503
 References Low Cal High Cal
 7.000 14.000
 Readings 0.217 0.478

1.5" Calibration: Gain=70.075 Offset=-0.400
 References Low Cal High Cal
 0.000 20.000
 Readings 0.004 1.196

2" Calibration: Gain=90.000 Offset=-1.000
 References Low Cal High Cal
 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