



COMPENSATED DENSITY/NEUTRON LOG

Company BEAR PETROLEUM, LLC.

Well STATES #1

Field BURDETT

County PAWNEE State KANSAS

Location: API #: 15-145-21832-0000

1100' FSL & 1320' FWL

SEC 10 TWP 22S RGE 20W

Permanent Datum GROUND LEVEL Elevation 2167
Log Measured From KELLY BUSHING 6' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL
Elevation
K.B. 2173
D.F. 2171
G.L. 2167

Date 6/21/18

Run Number ONE

Depth Driller 4549

Depth Logger 4550

Bottom Logged Interval 4526

Top Log Interval 2200

Casing Driller 8 5/8" @ 1319

Casing Logger 1319

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD CHLORIDES 5000 PPM

Density / Viscosity 9.4/46

pH / Fluid Loss 8.5/8.0

Source of Sample FLOWLINE

Rm @ Meas. Temp .75 @ 81F

Rmf @ Meas. Temp .56 @ 81F

Rmc @ Meas. Temp .90 @ 81F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .50 @ 121F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom ////

Maximum Recorded Temperature 121F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By GUS PFANENSTIEL

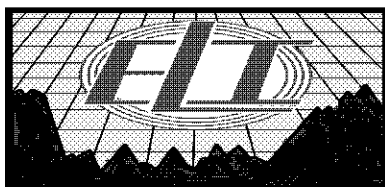
Witnessed By ROD ANDERSON

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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

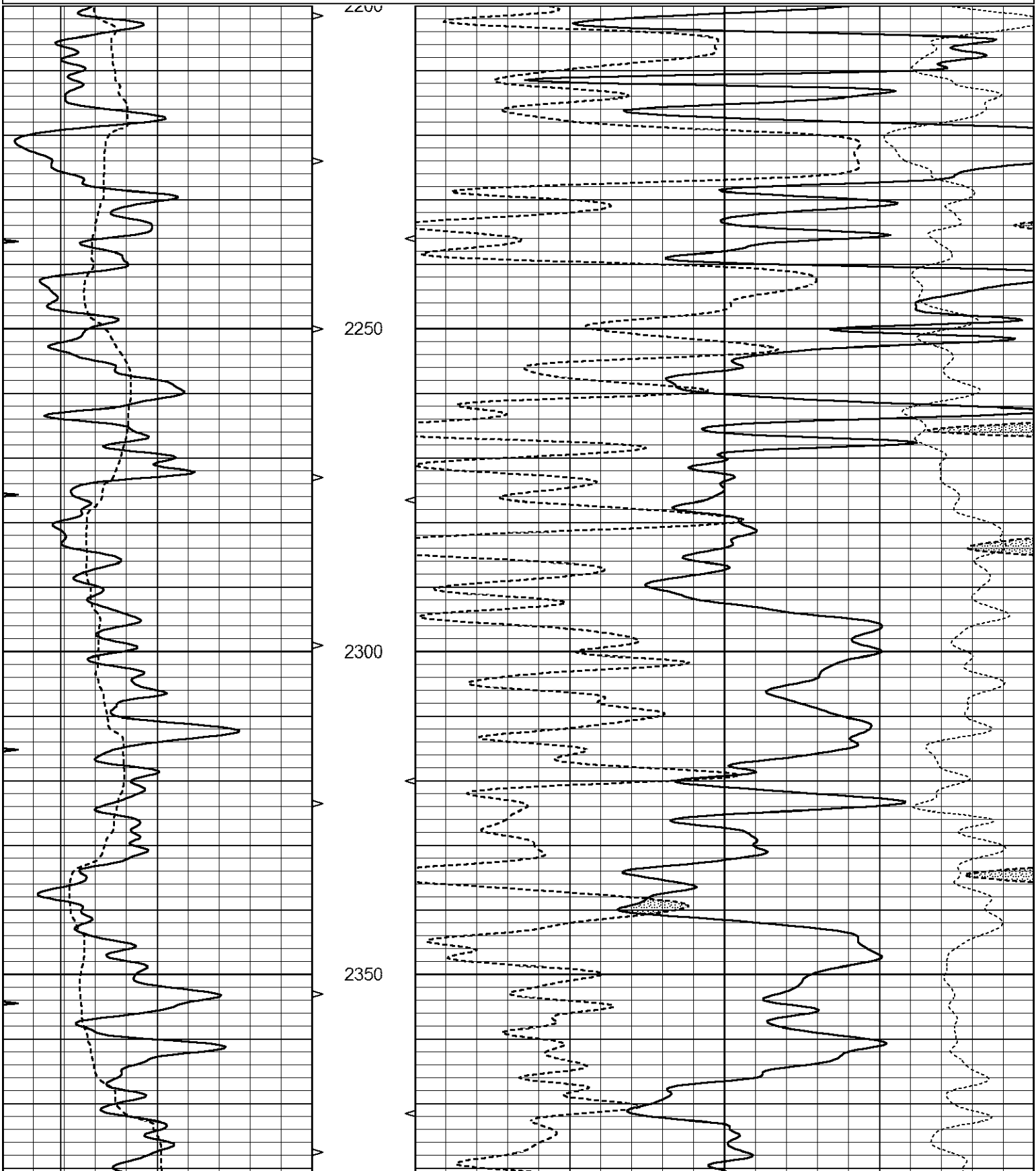
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
EAST OF BURDETT TO 340 RD.
3 SOUTH, EAST INTO.

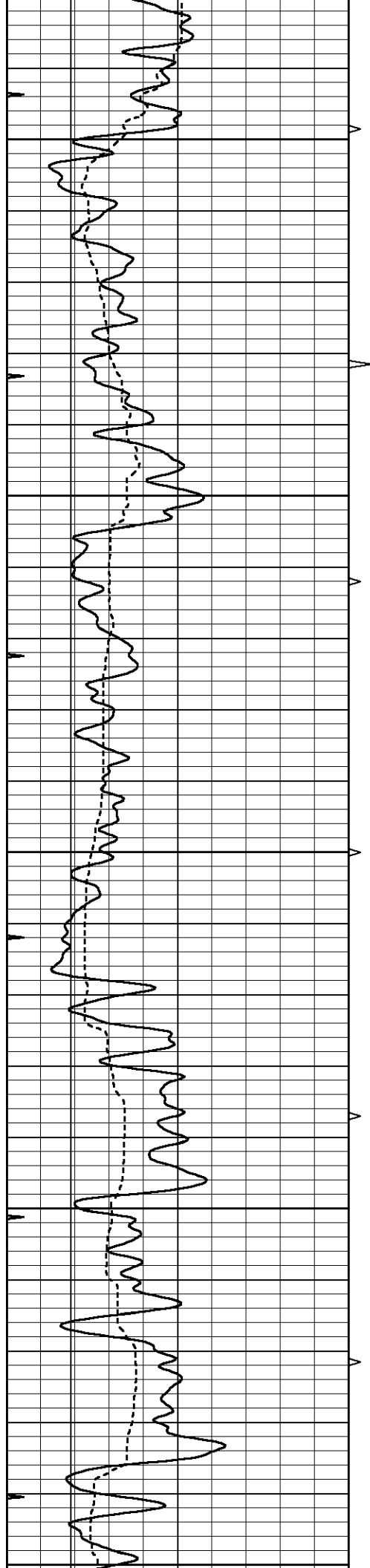


MAIN PASS

Database File	2509ddn.db
Dataset Pathname	pass5.1
Presentation Format	_den_neu
Dataset Creation	Thu Jun 21 06:41:52 2018
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)			-10	
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)			-10
0	MINMK	20	BVTX			-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10					





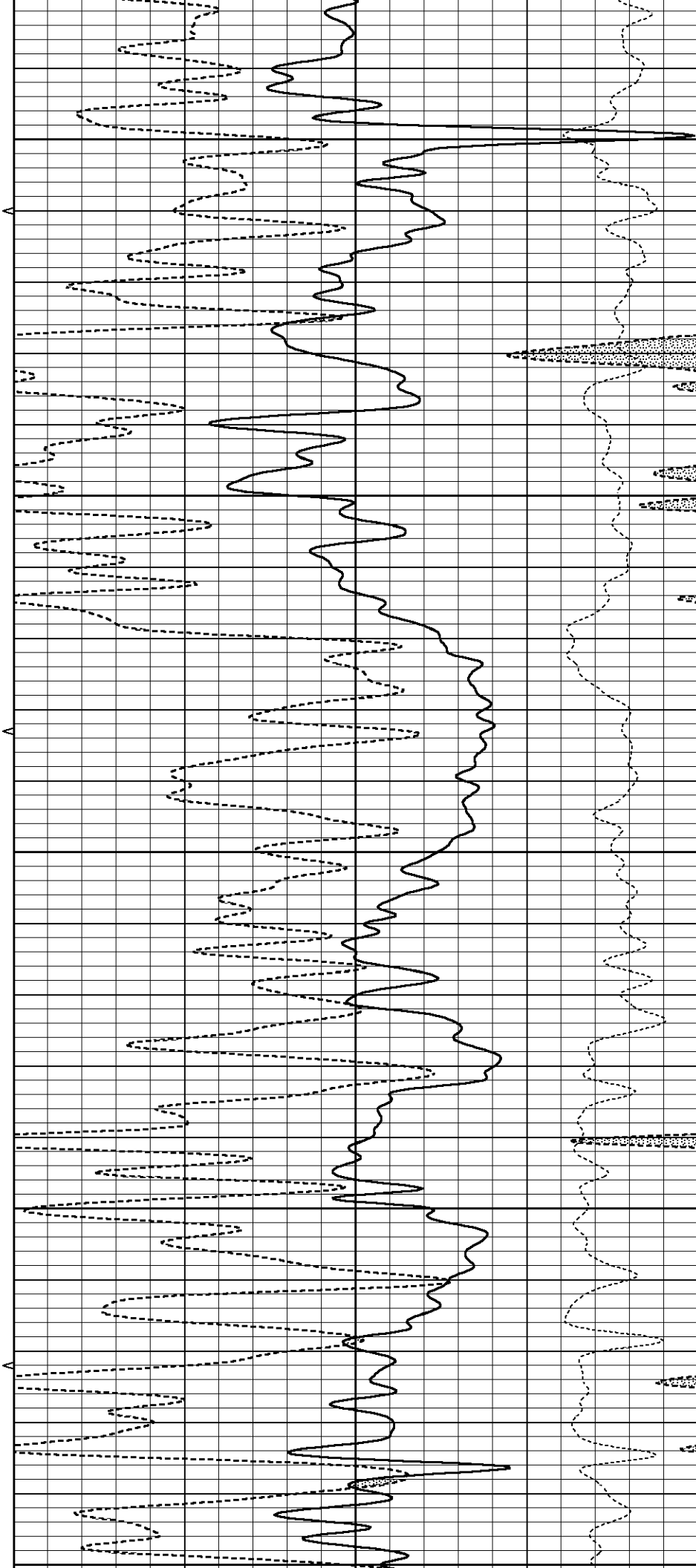
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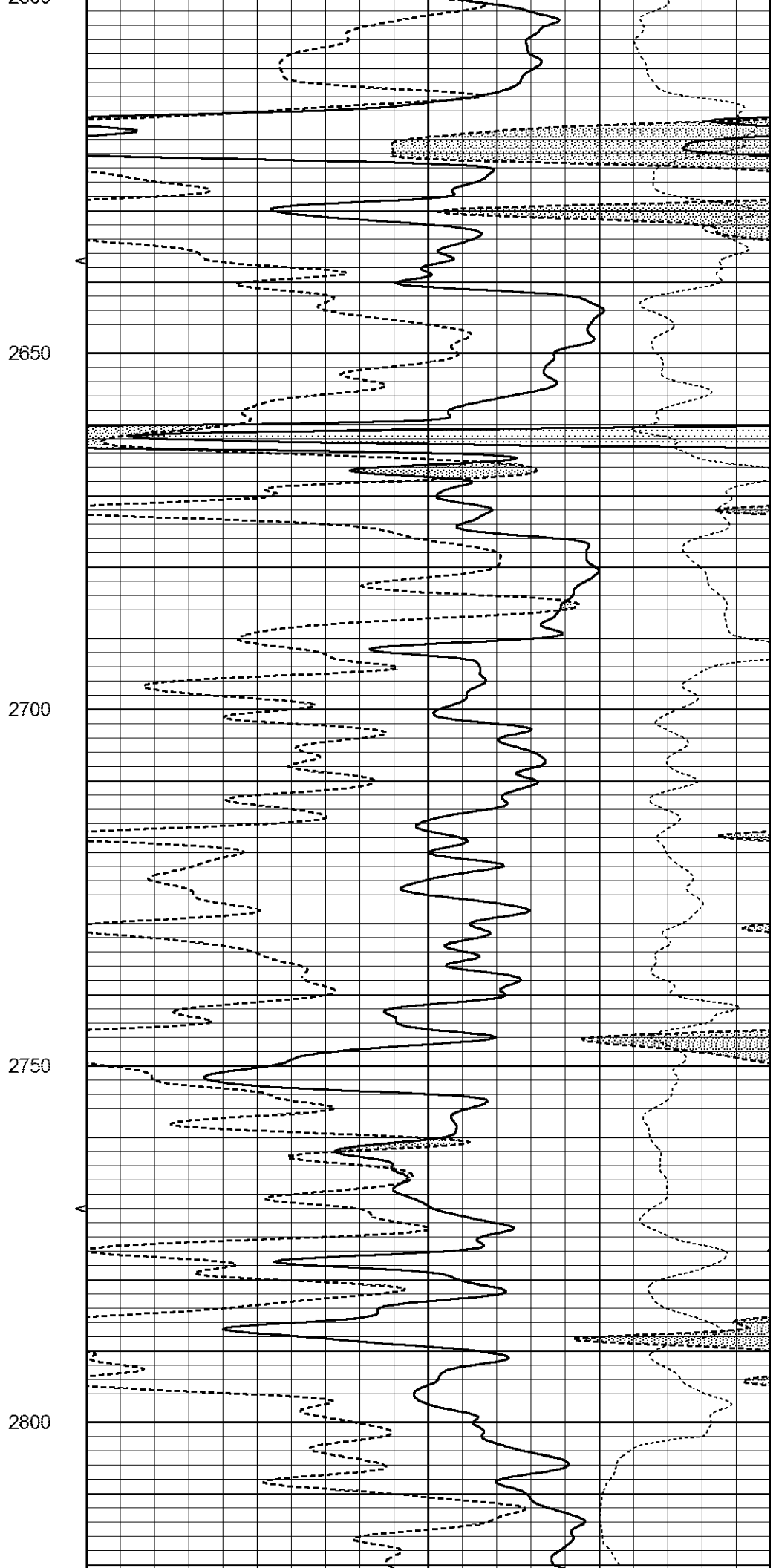
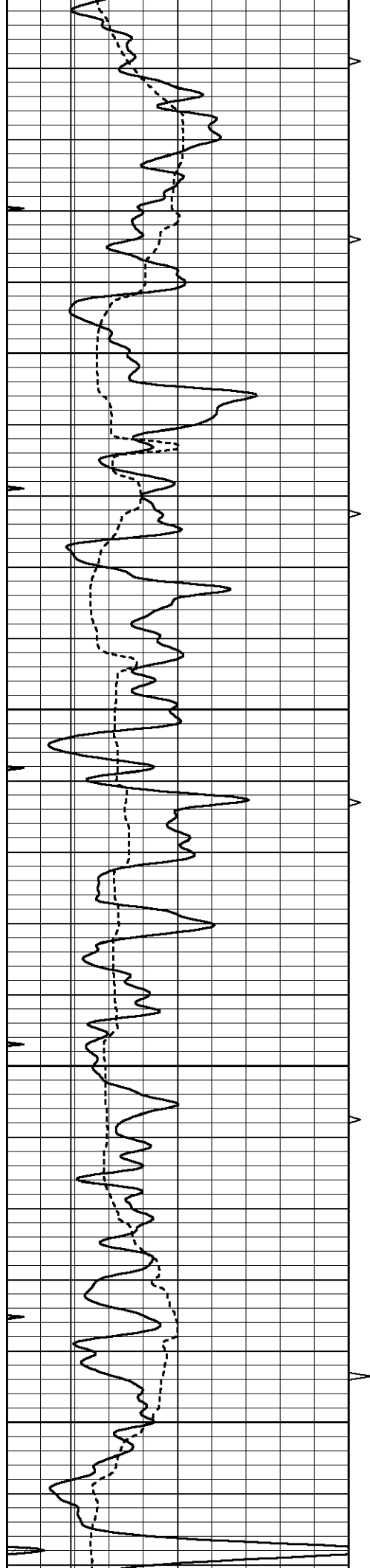
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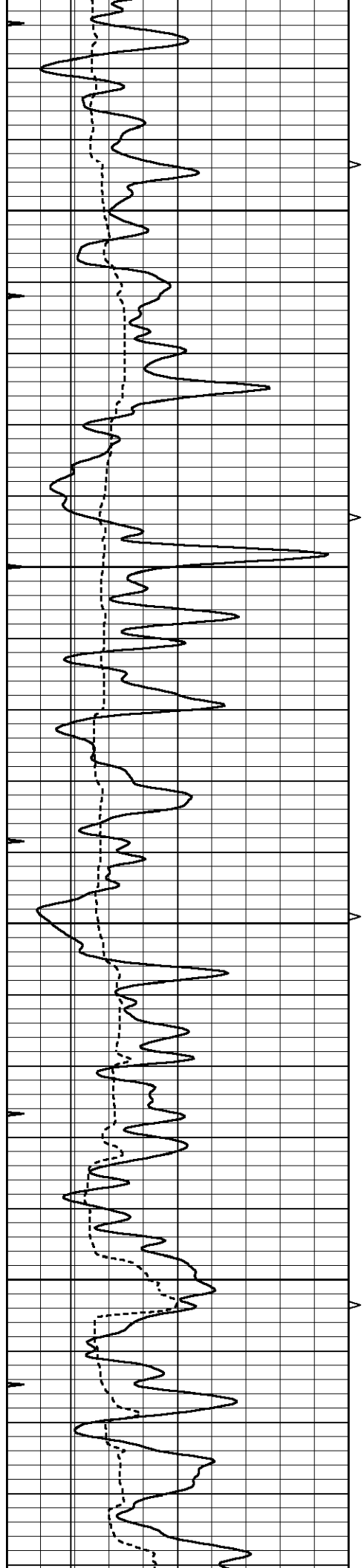
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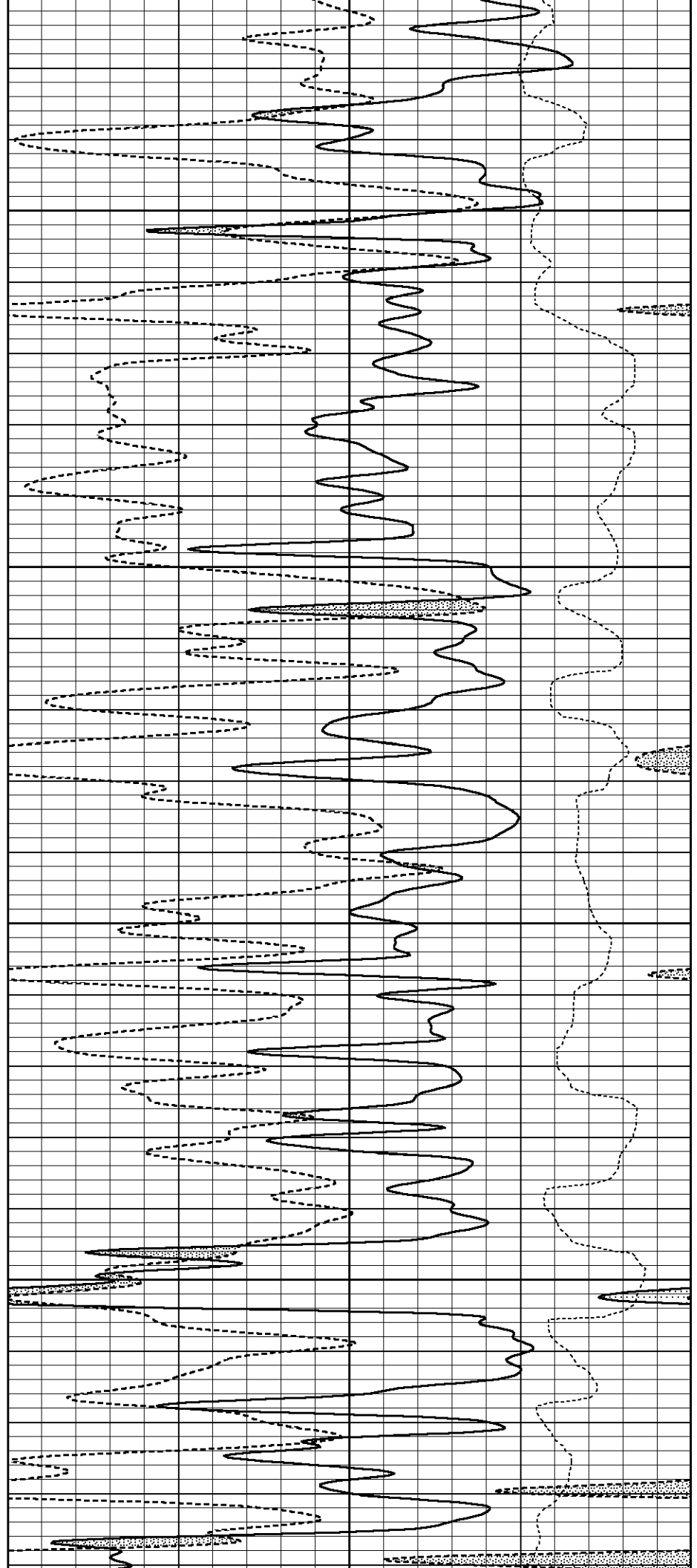


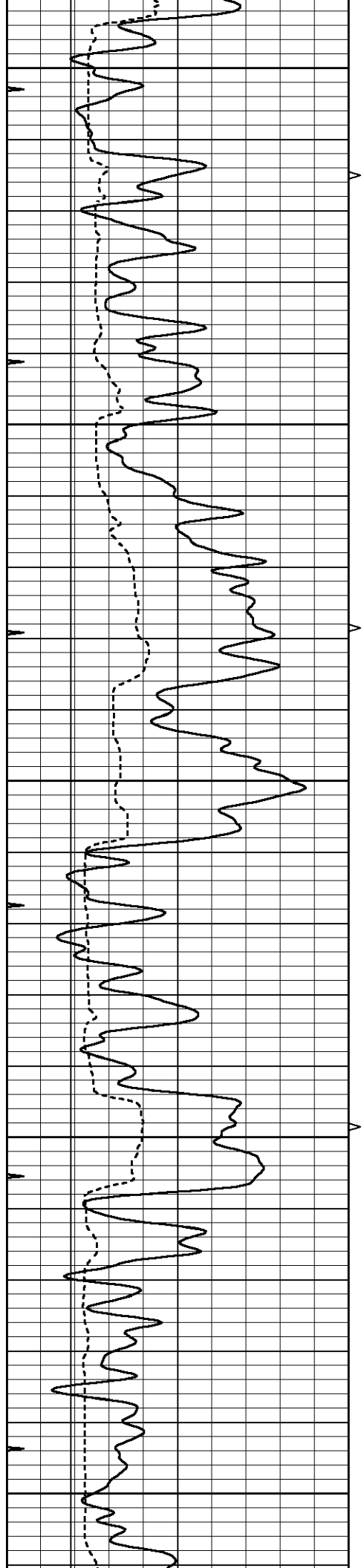
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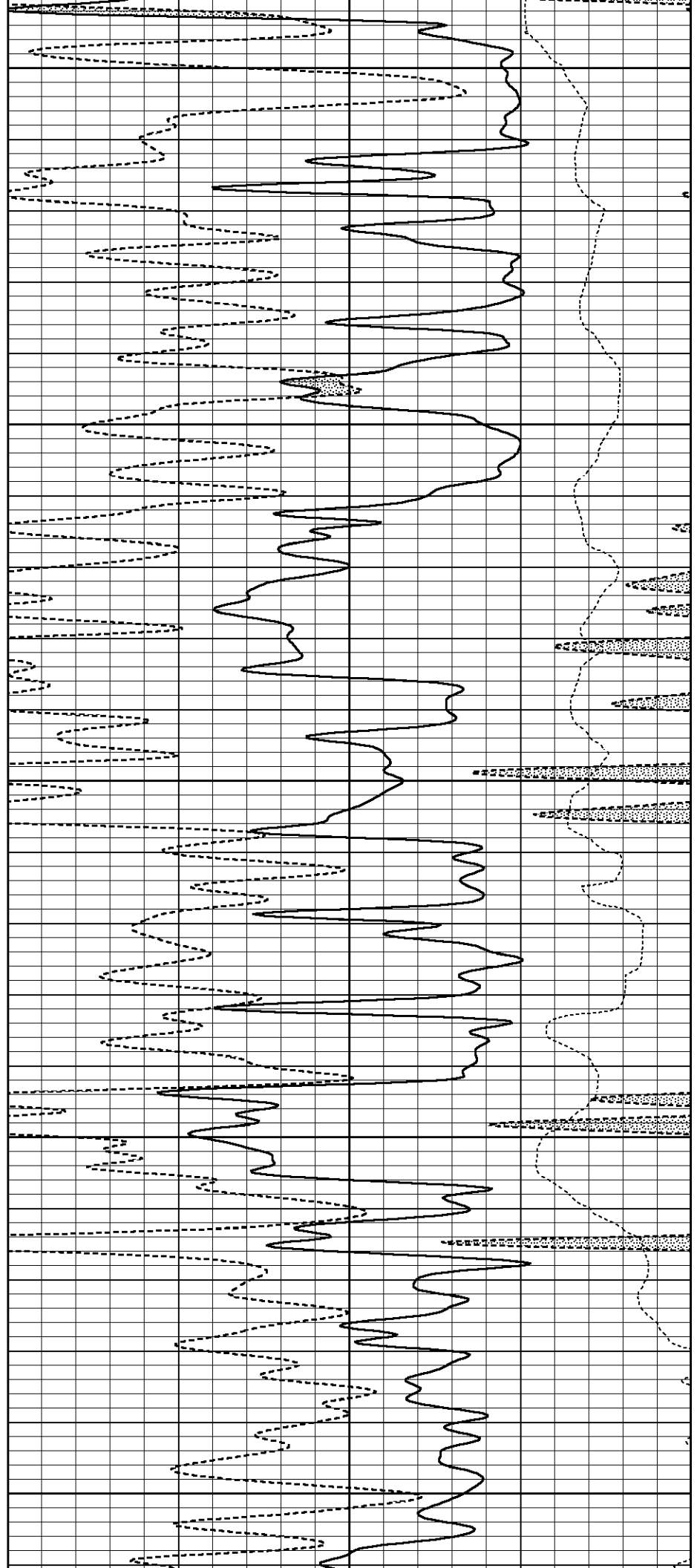
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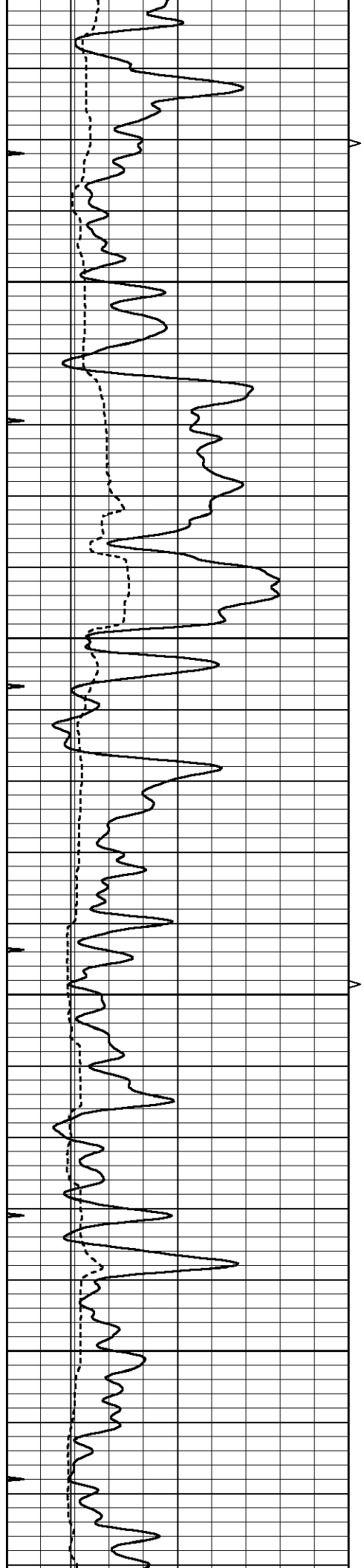
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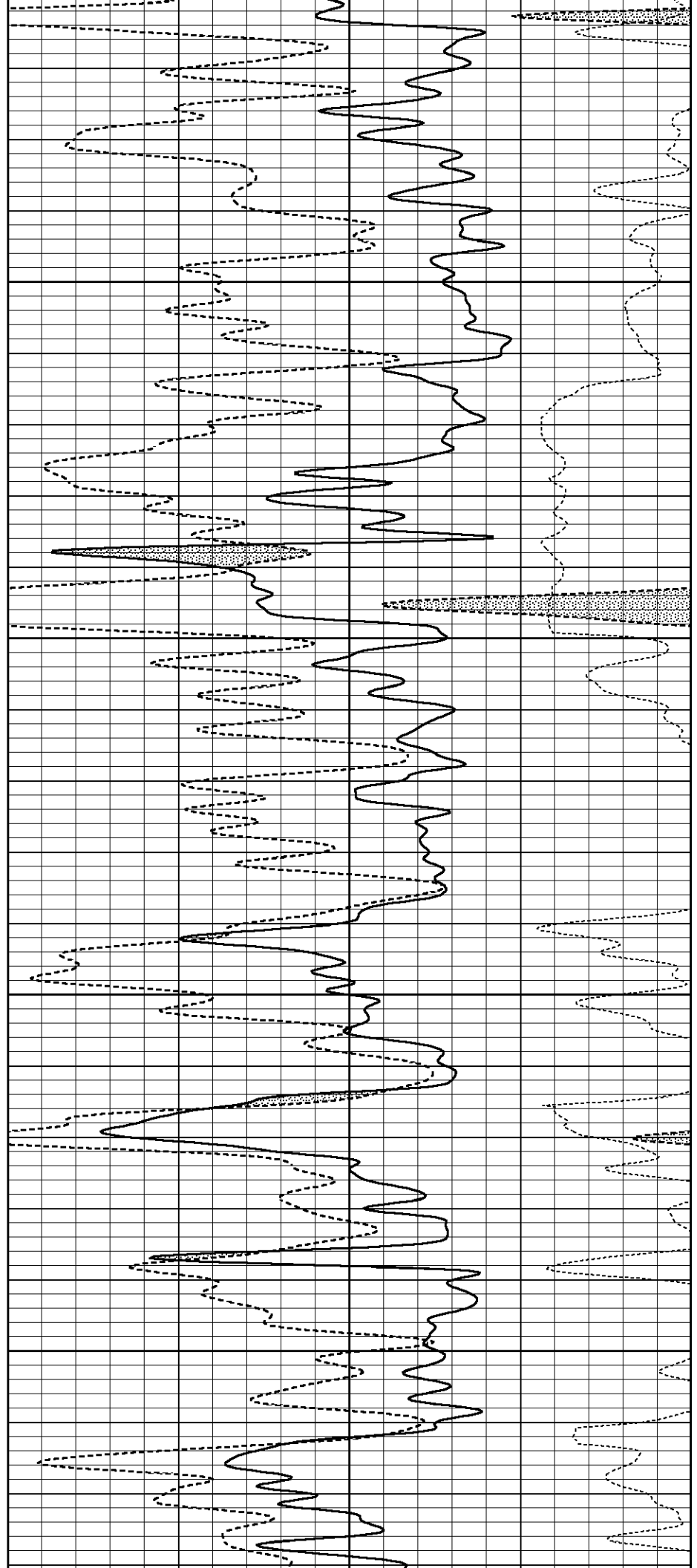


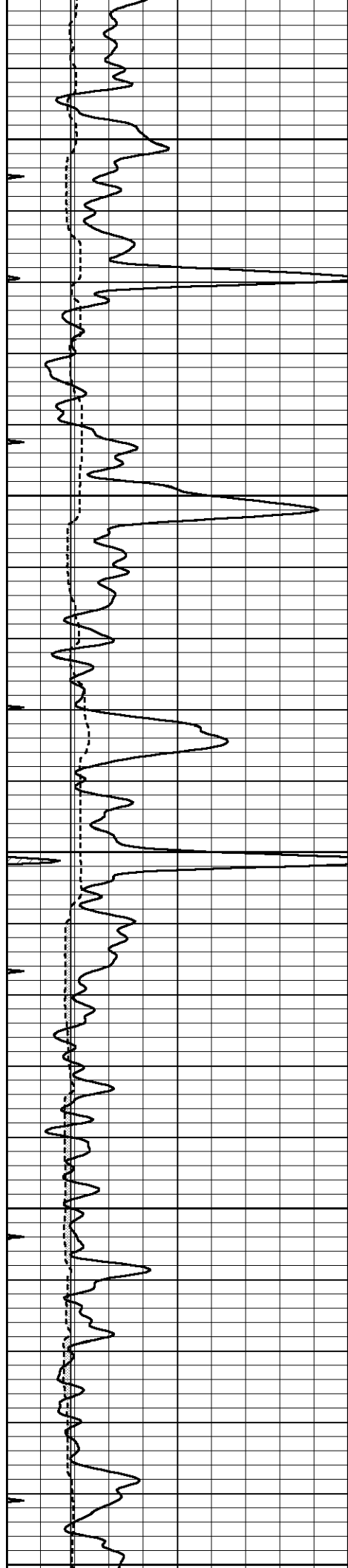
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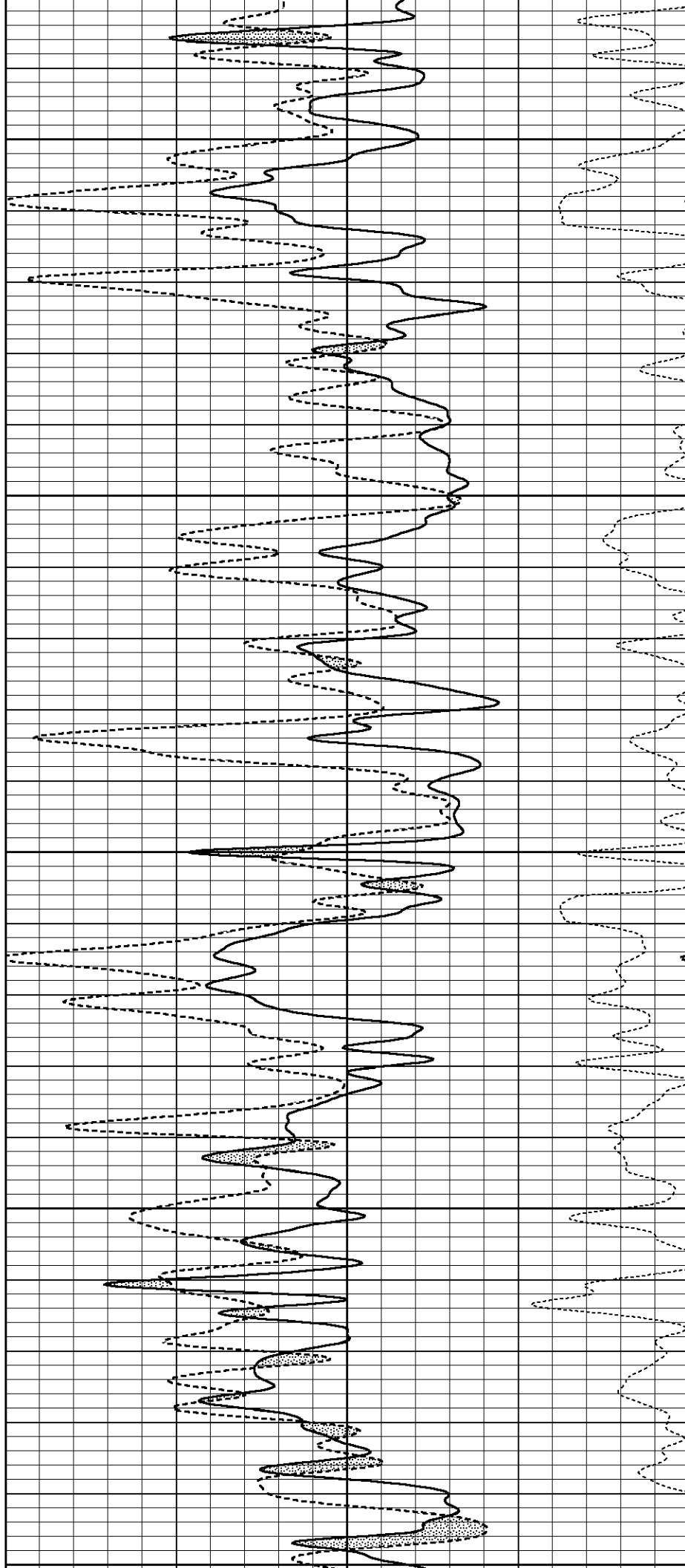
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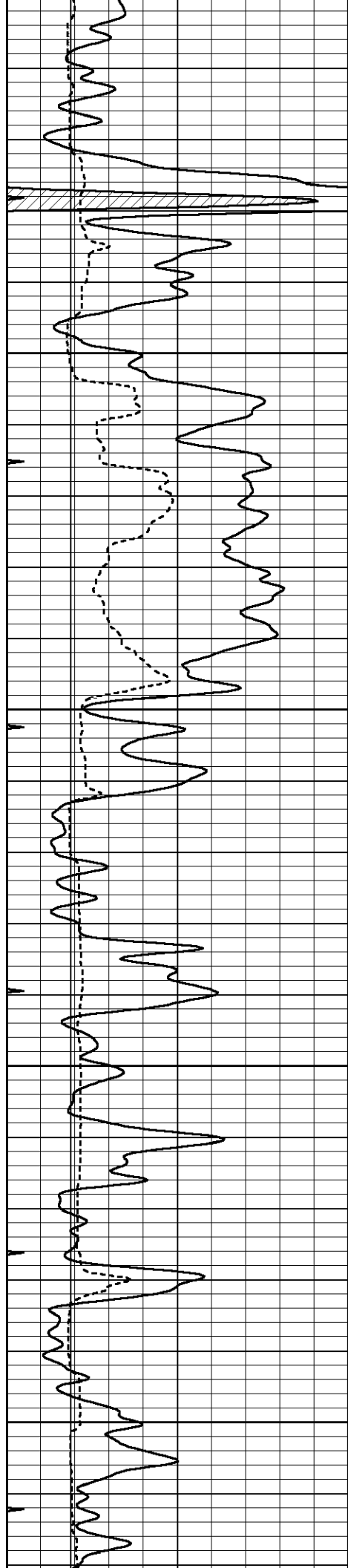
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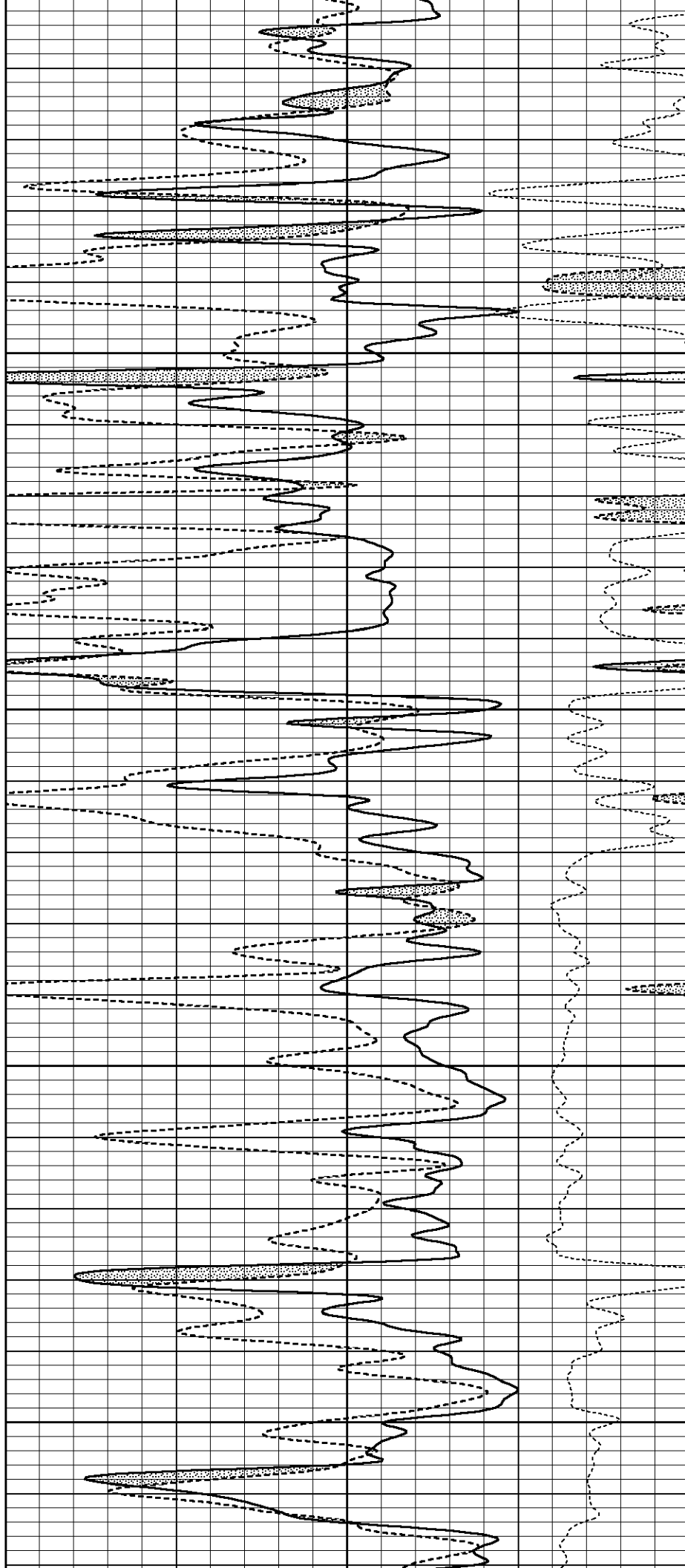
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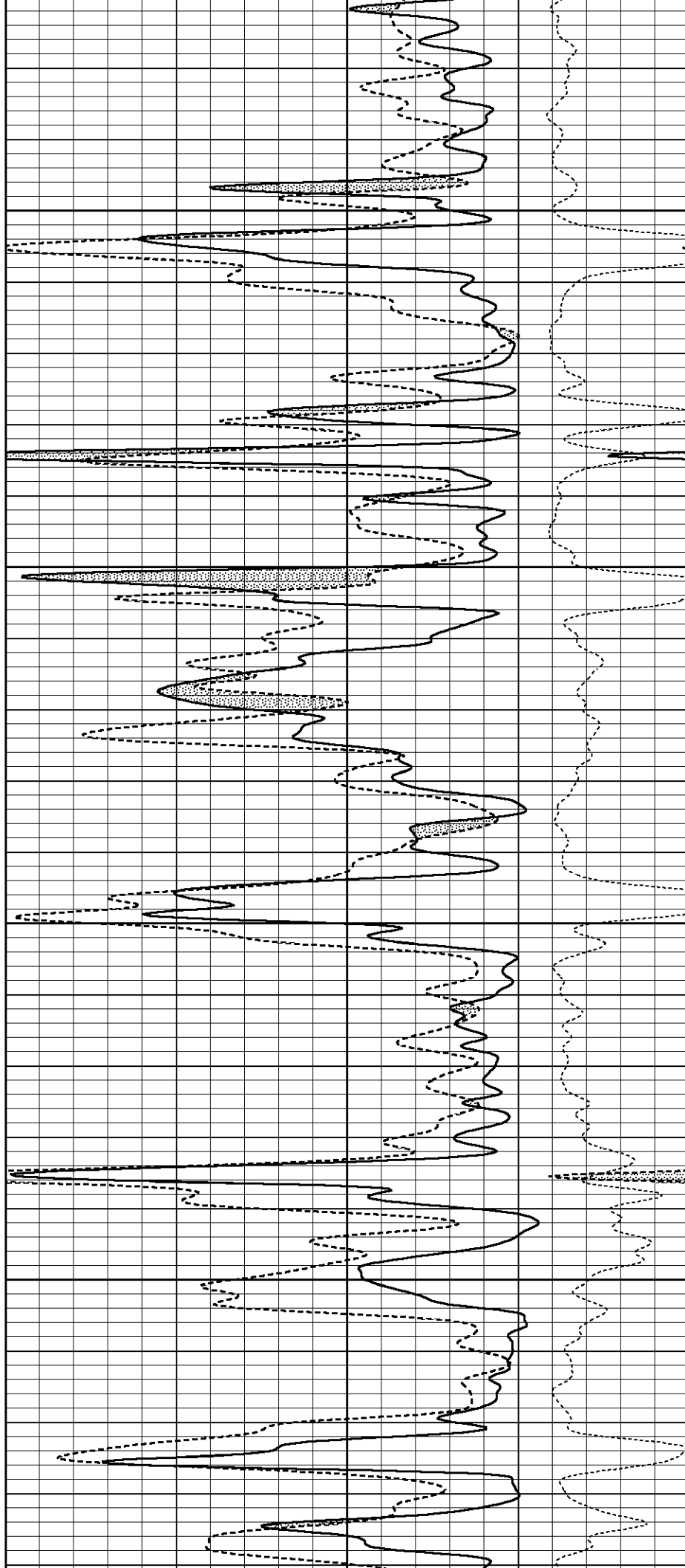


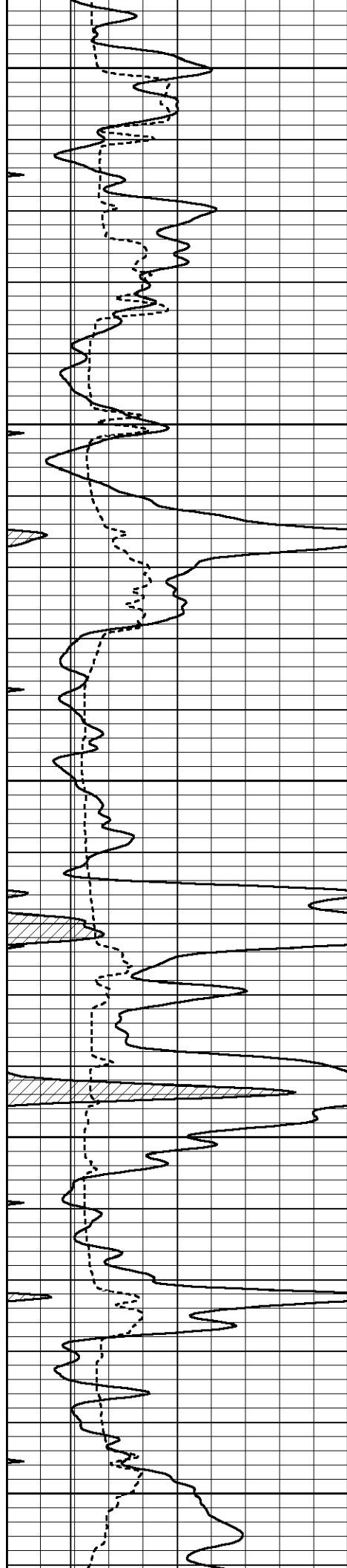
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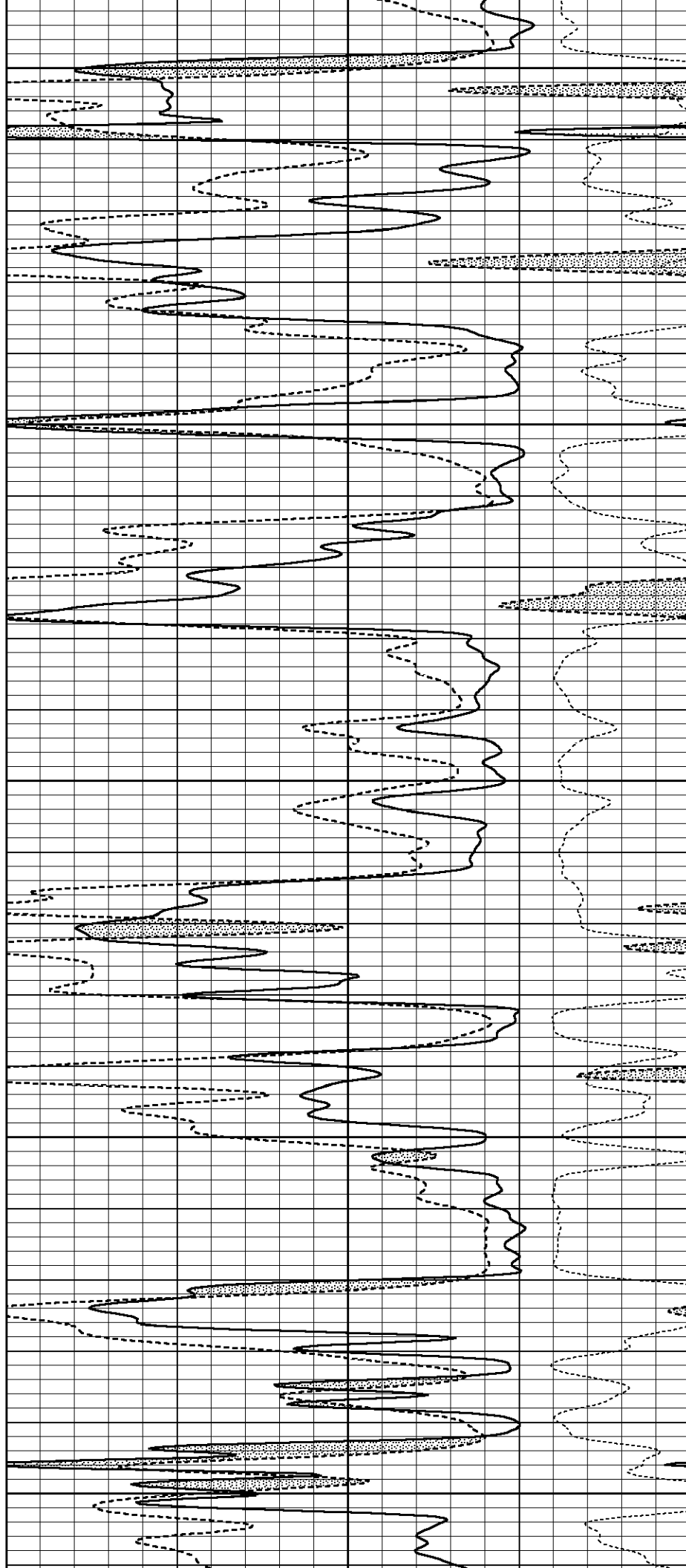
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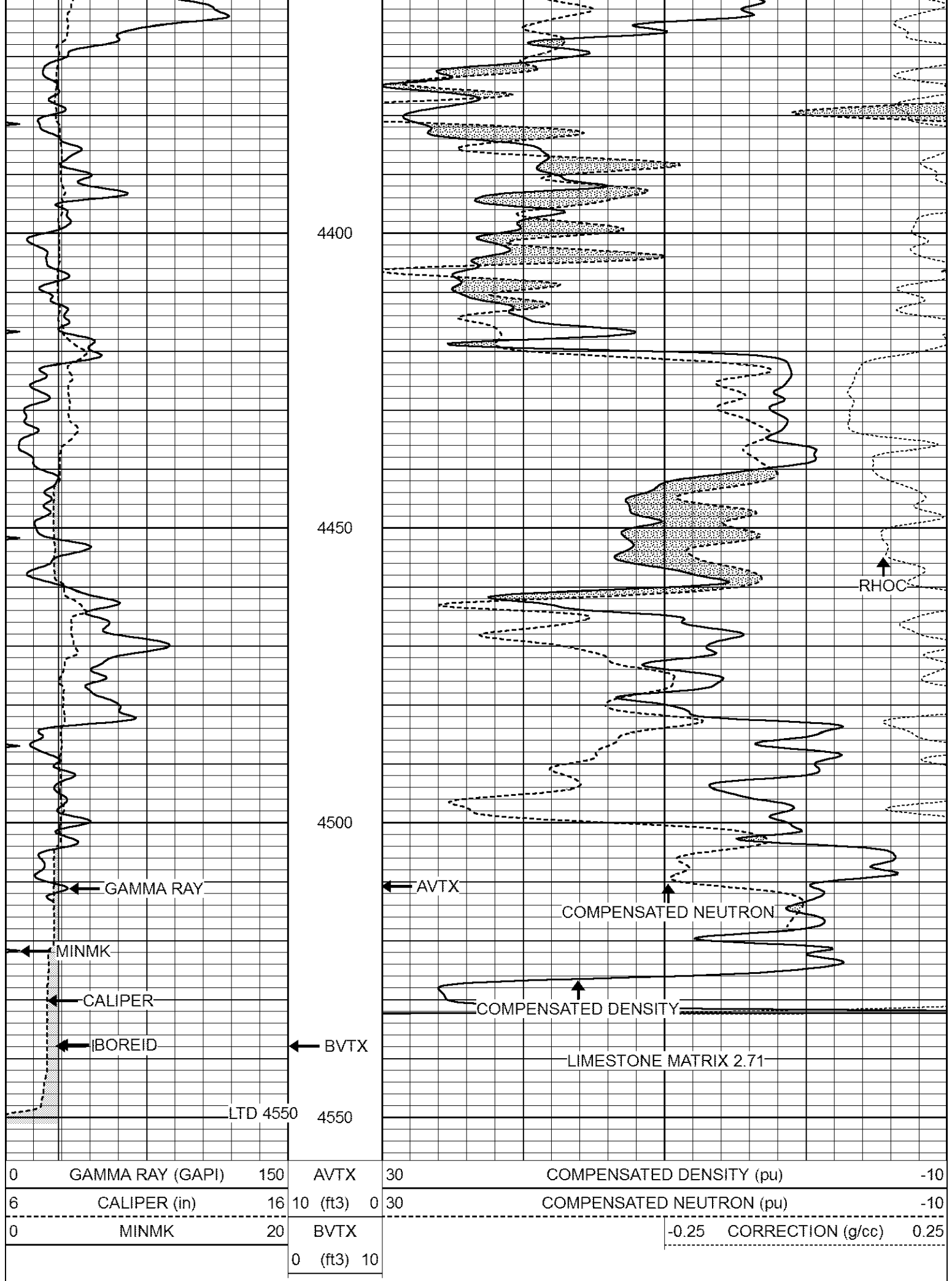
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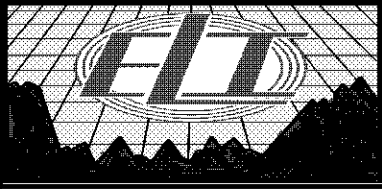
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REPEAT SECTION

Database File 2509ddn.db
Dataset Pathname pass3.1
Presentation Format _den_neu
Dataset Creation Thu Jun 21 06:30:28 2018
Charted by Depth in Feet scaled 1:240

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6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			

