



**COMPLETION
& PRODUCTION
SERVICES CO.**

**SONIC
LOG**

Company SHELBY RESOURCES, LLC.
Well VIOLA #1-35
Field WILDCAT
County PAWNEE State KANSAS

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Well VIOLA #1-35
Field WILDCAT
County PAWNEE
State KANSAS

Location: API #: 15-145-21761-00-00
720' FNL & 1920' FWL
NE - SW - NE - NW
SEC 35 TWP 21S RGE 16W
Permanent Datum GROUND LEVEL Elevation 1977
Log Measured From KELLY BUSHING 13' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL/MEL
Elevation
K.B. 1990
D.F. 1988
G.L. 1977

Date	4-29-14		
Run Number	TWAO		
Depth Driller	4050		
Depth Logger	4049		
Bottom Logged Interval	4039		
Top Log Interval	950		
Casing Driller	8 5/8 @ 990'		
Casing Logger	988'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES: 4400 PPM	
Density / Viscosity	9.3 / 59		
pH / Fluid Loss	11.0 / 8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.00 @ 69F		
Rmf @ Meas. Temp	0.75 @ 69F		
Rmc @ Meas. Temp	1.20 @ 69F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.59 @ 116F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	116F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	JEREMY SCHWARTZ		

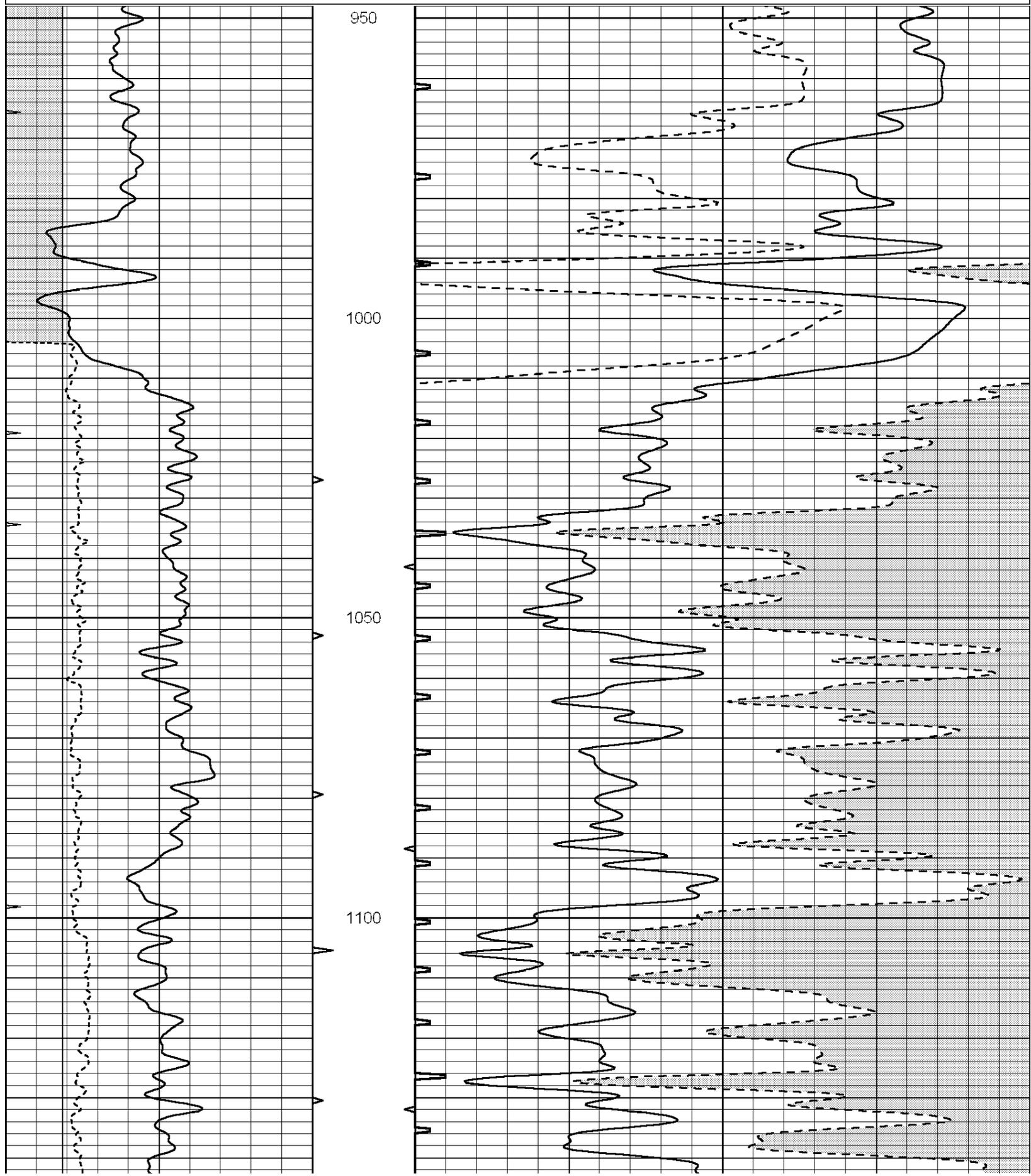
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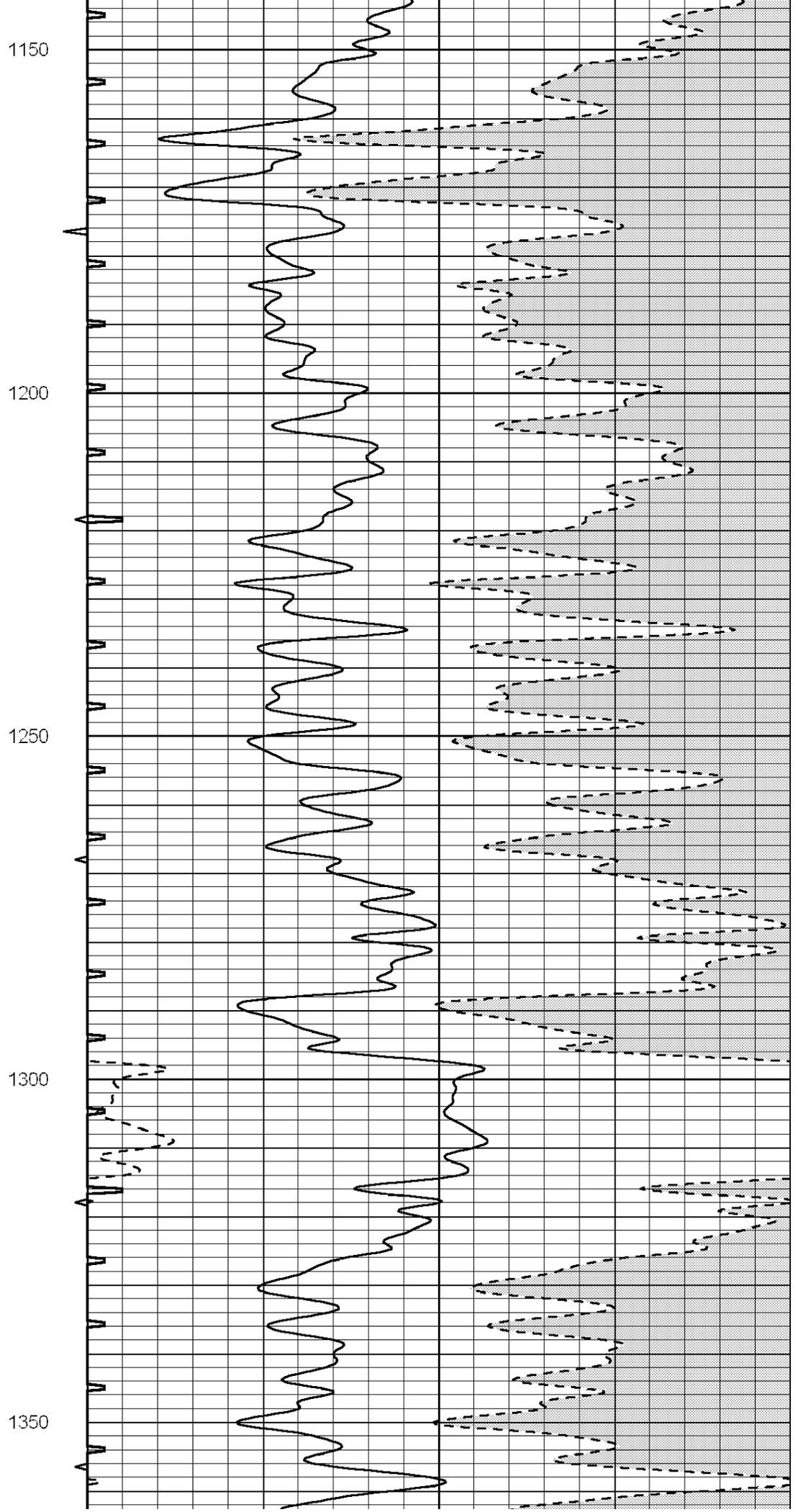
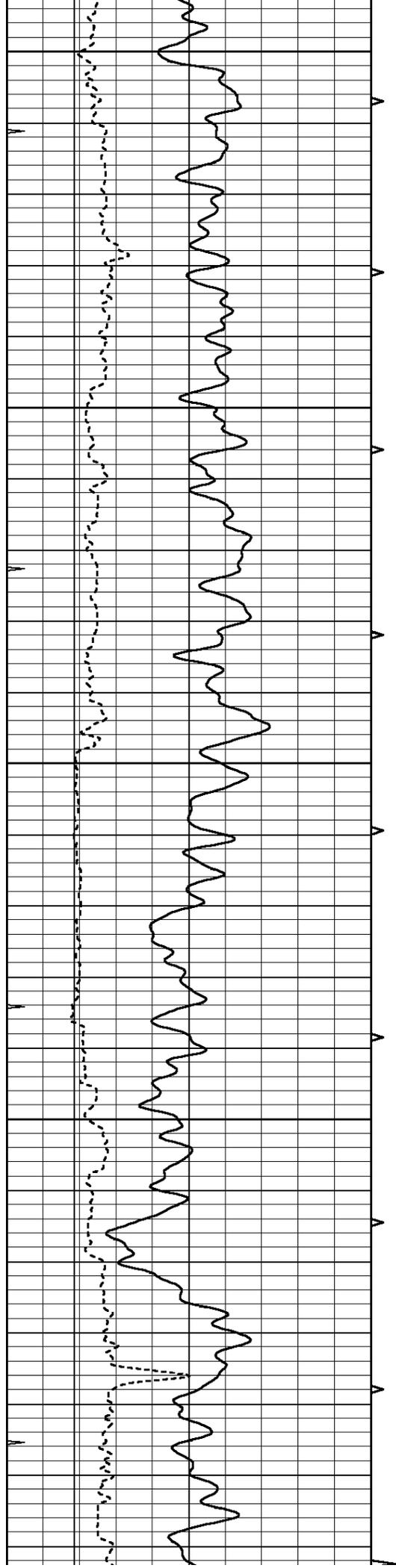
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

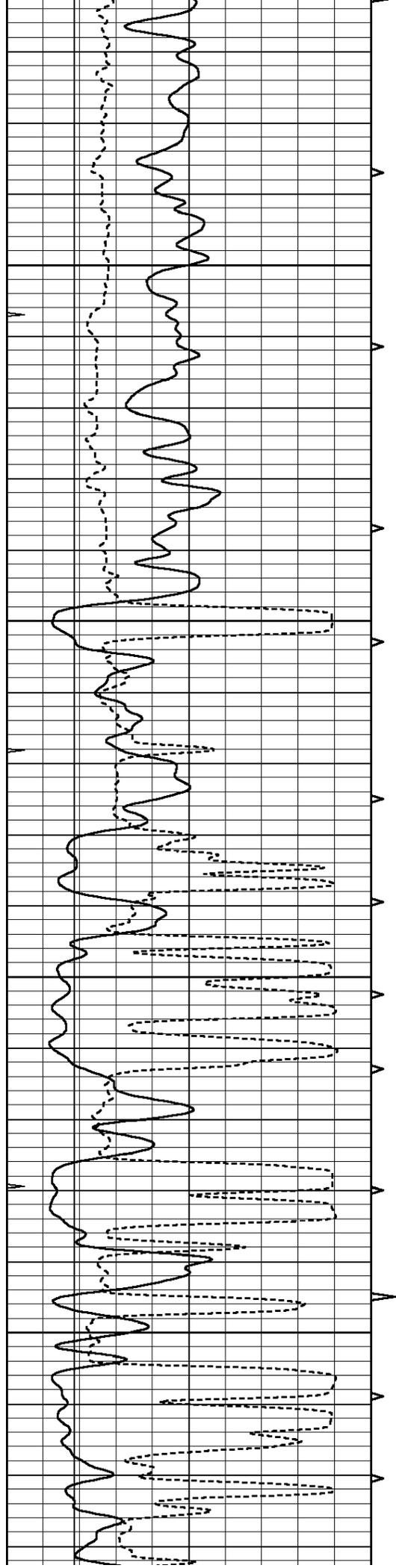
Comments

NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: LARNED, KS - SOUTH TO HWY 19 - 2 MILES EAST TO RD 90
2 MILES SOUTH ON LEASE RD

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





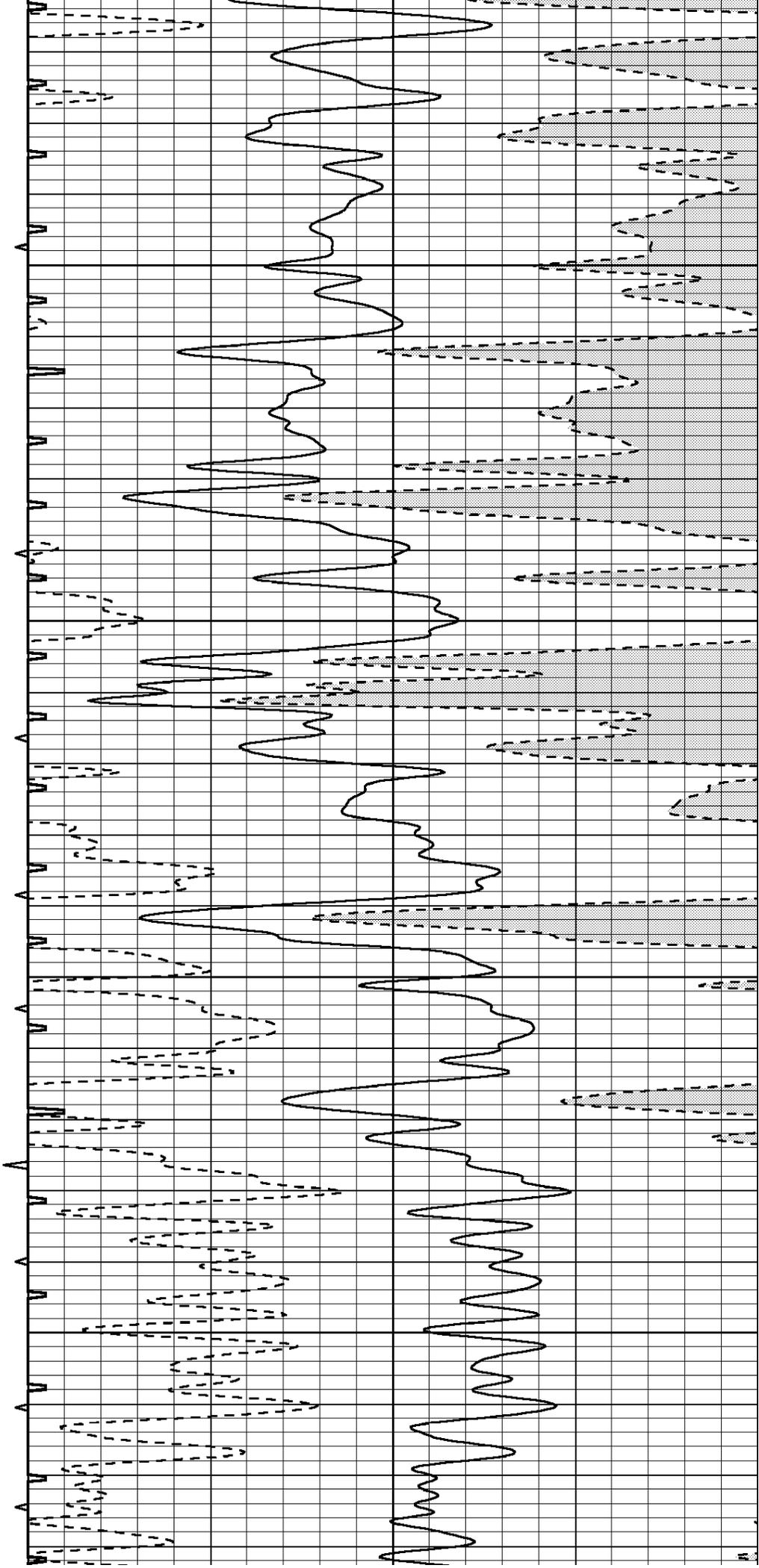


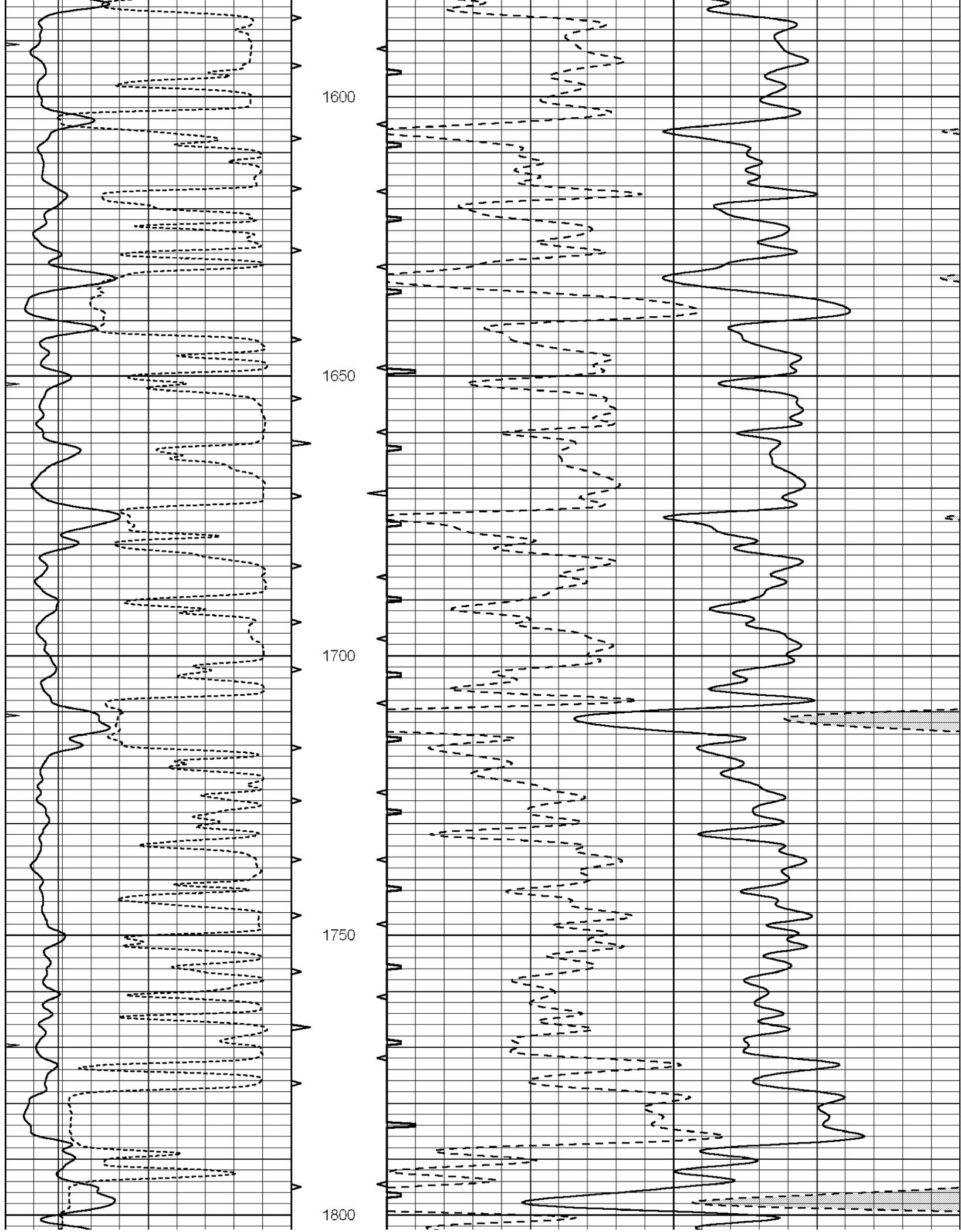
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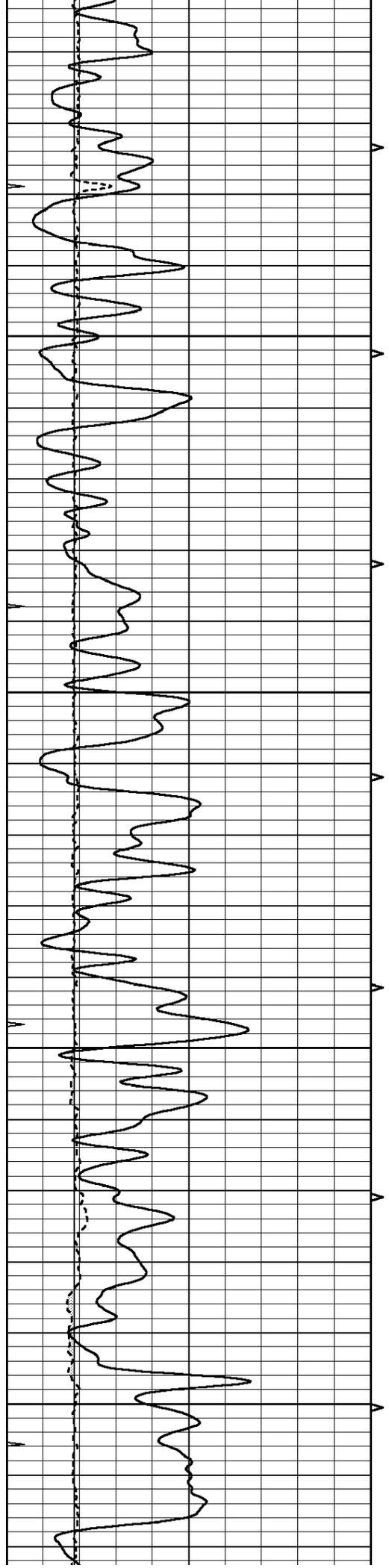
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1500

1550





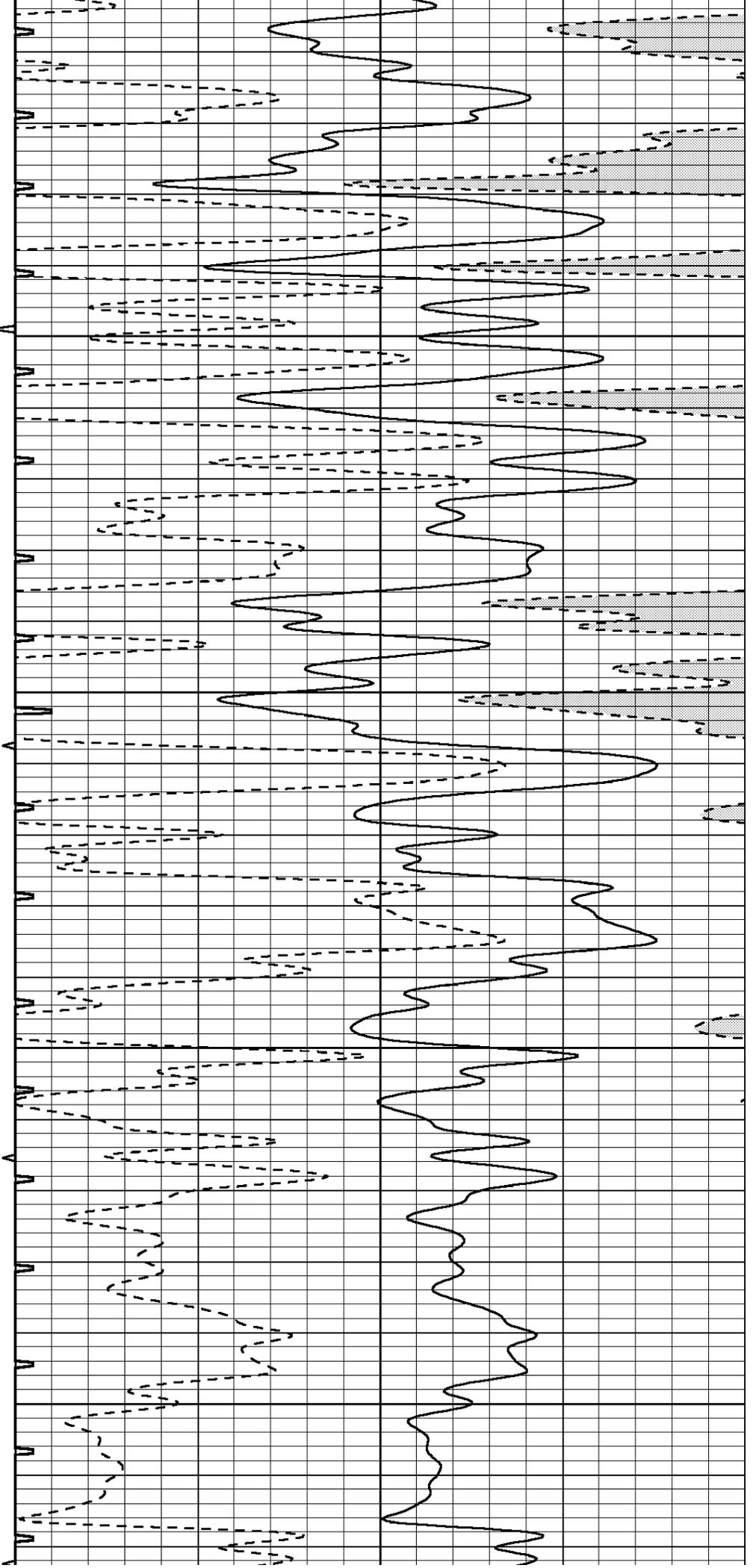


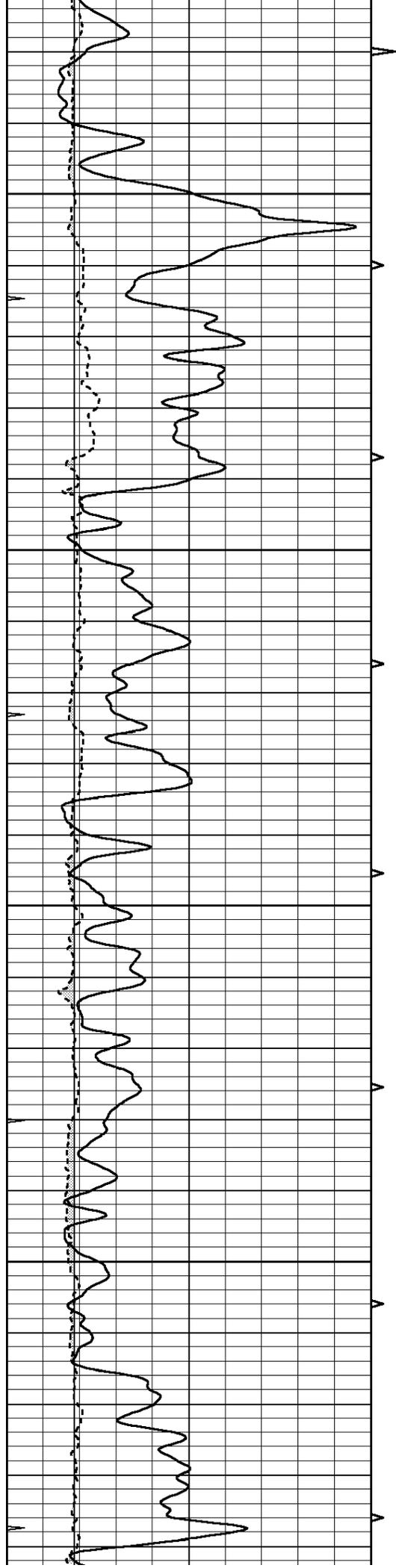
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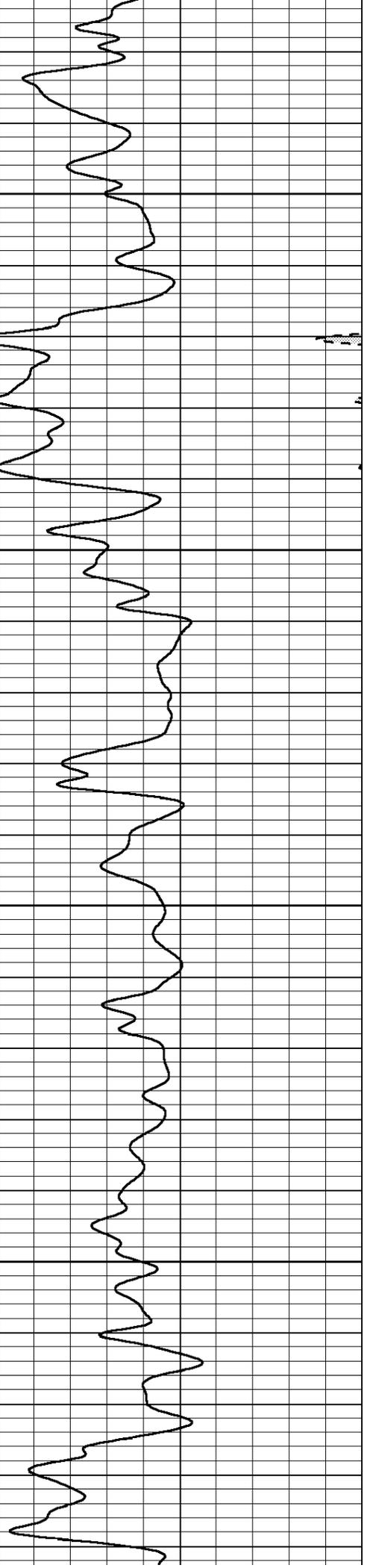
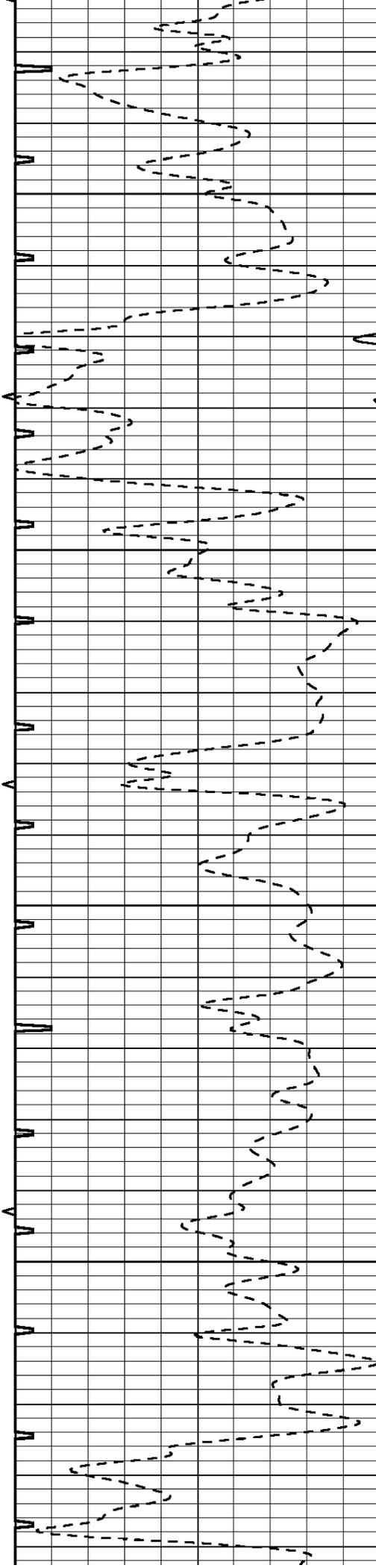


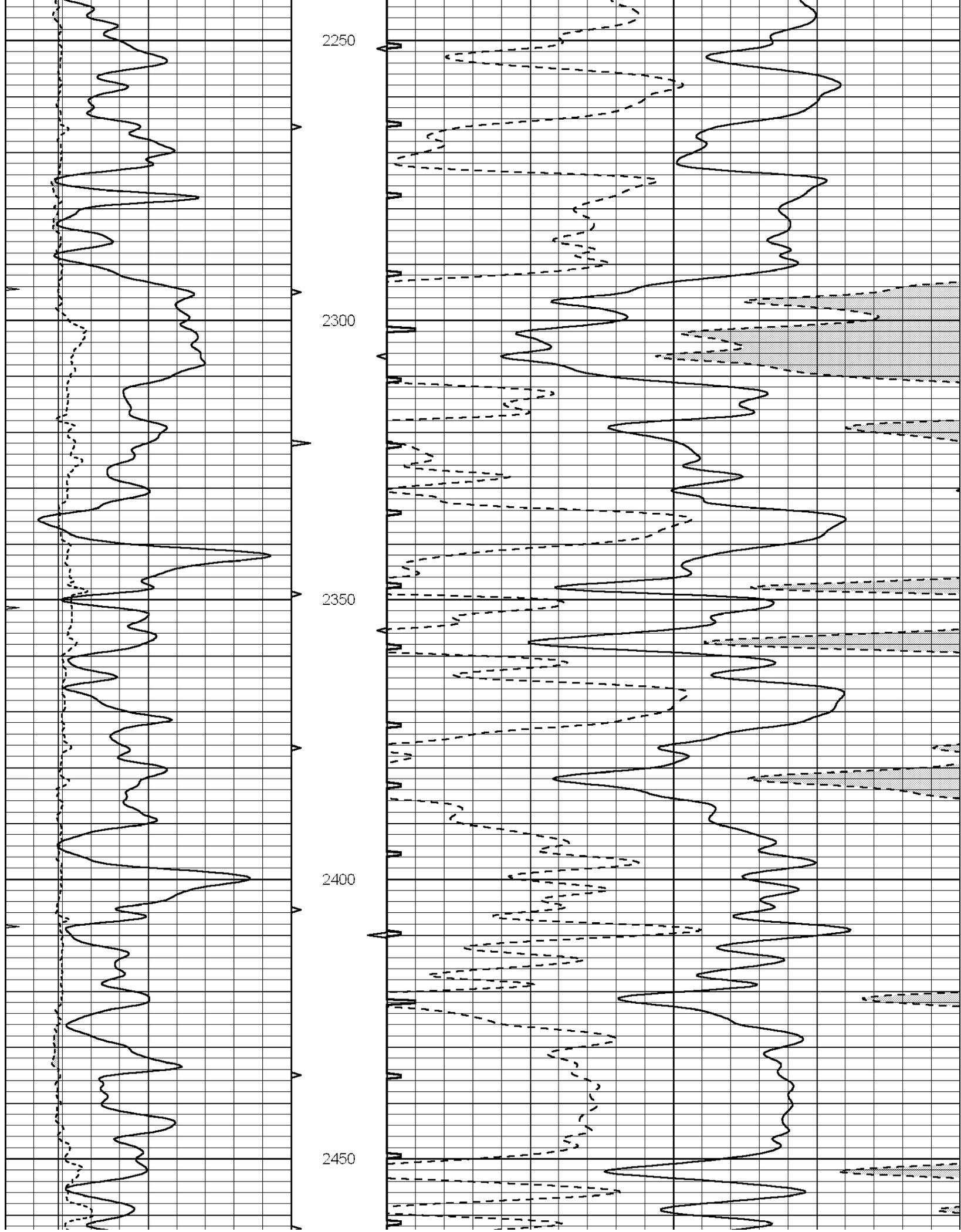
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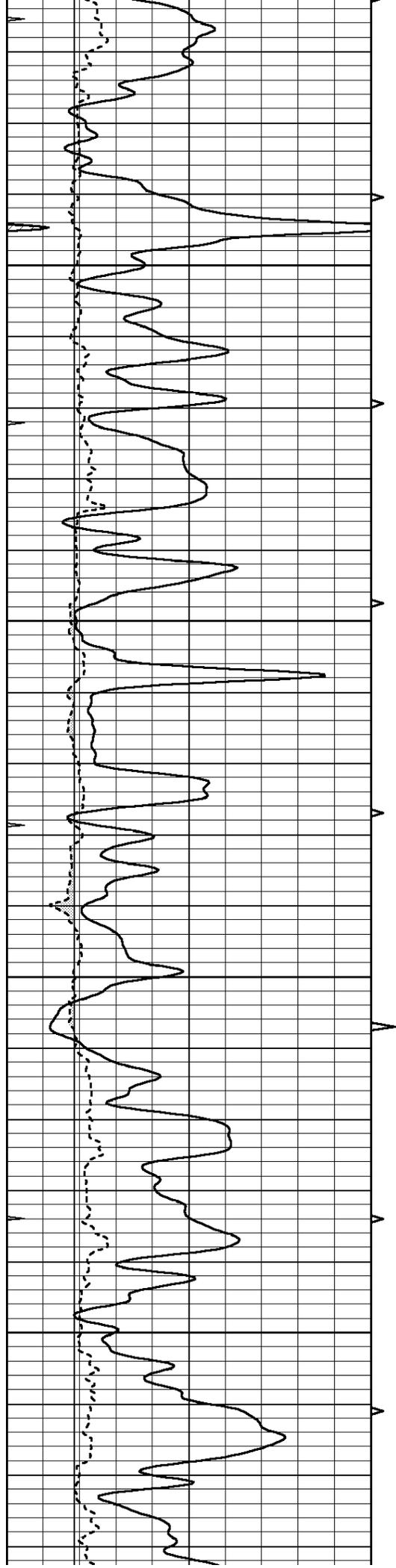
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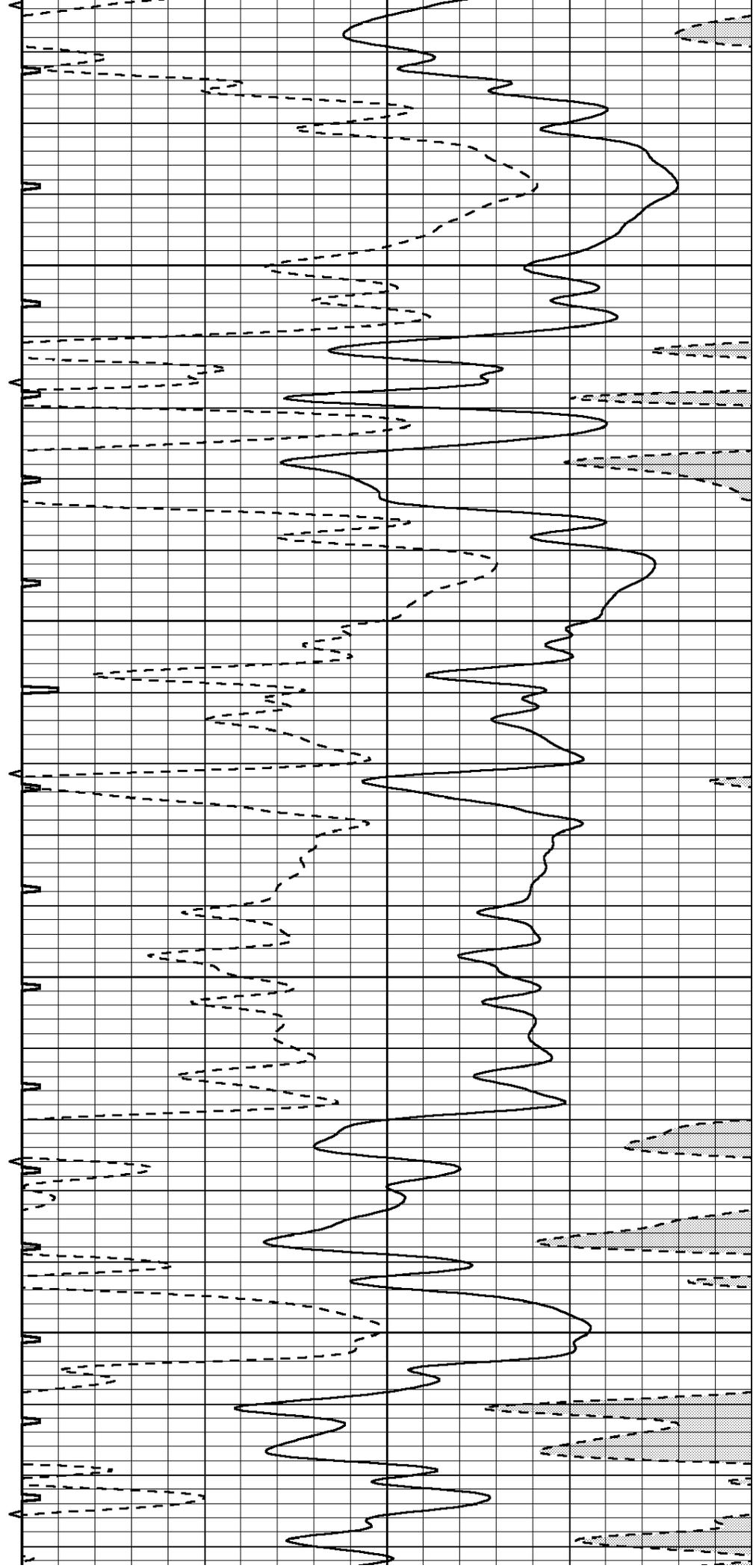


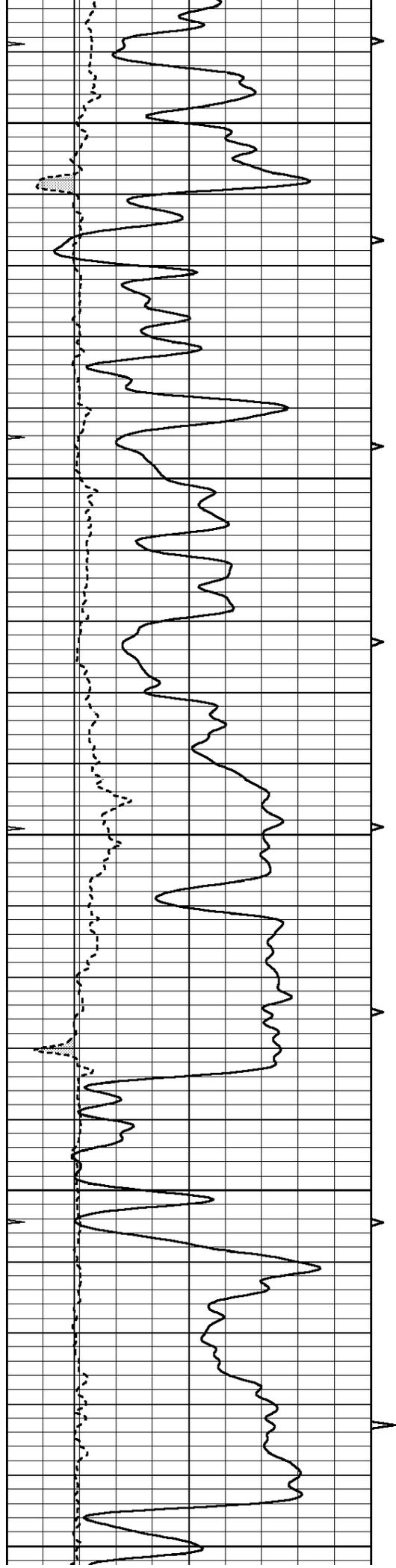
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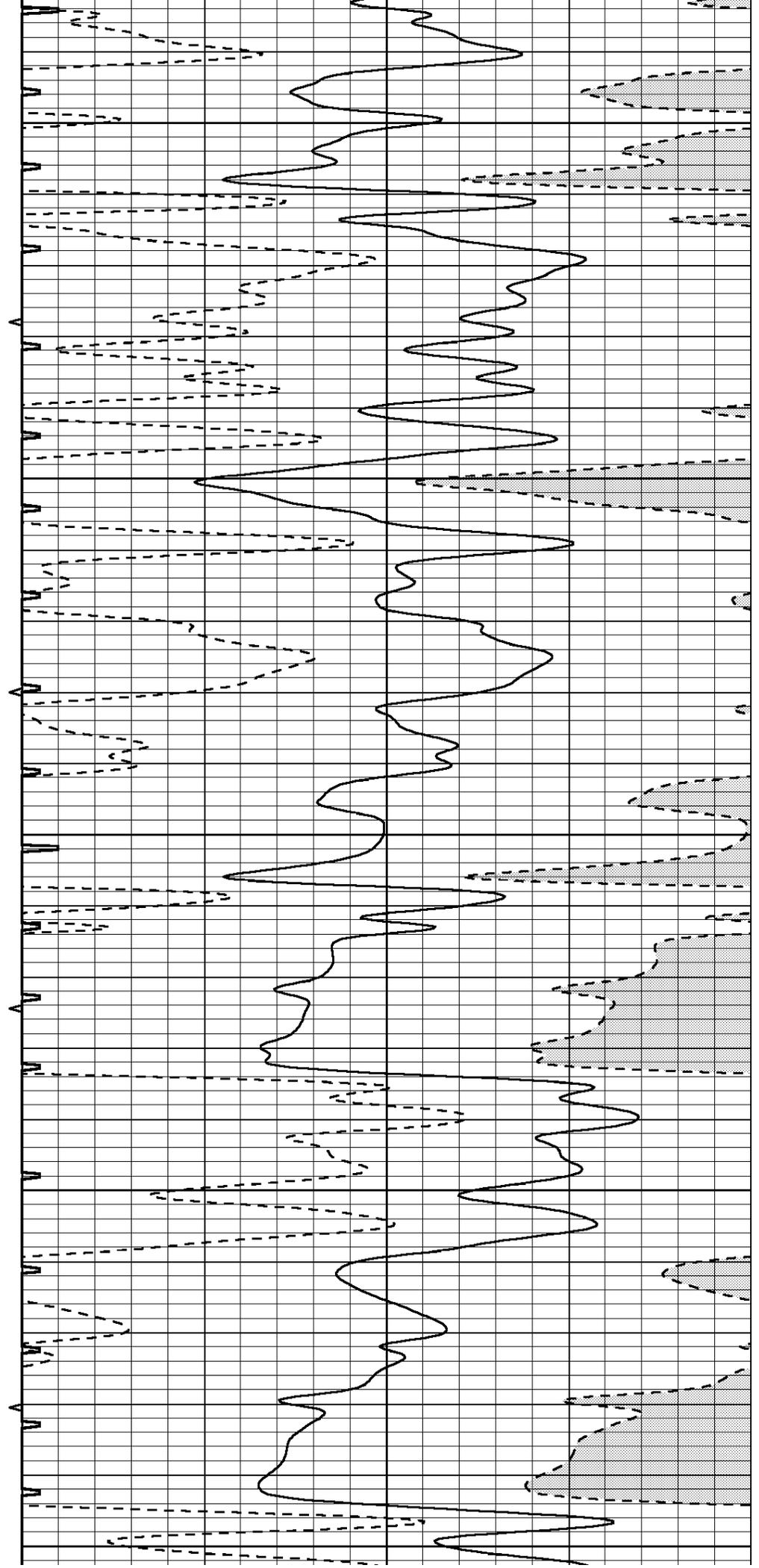
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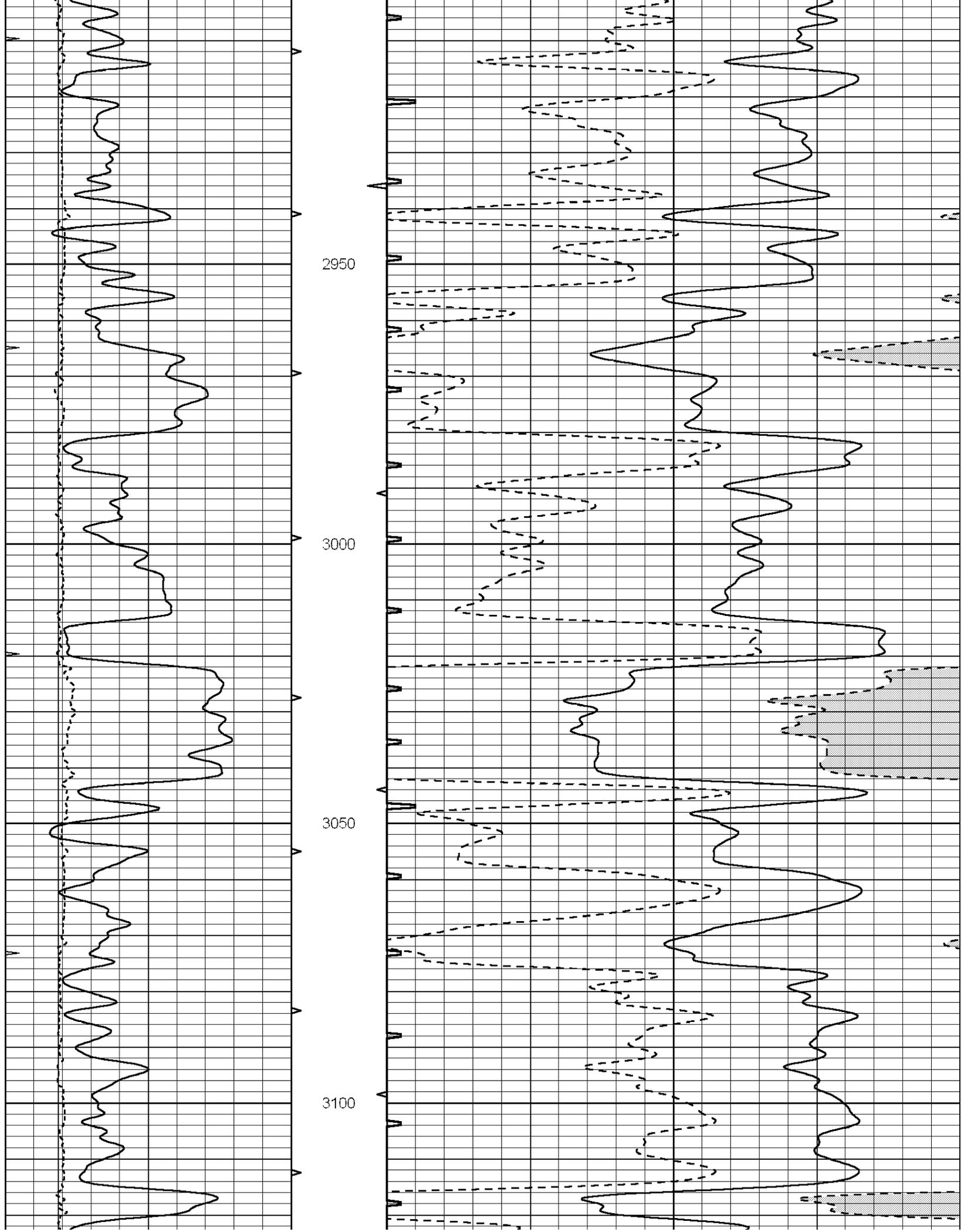
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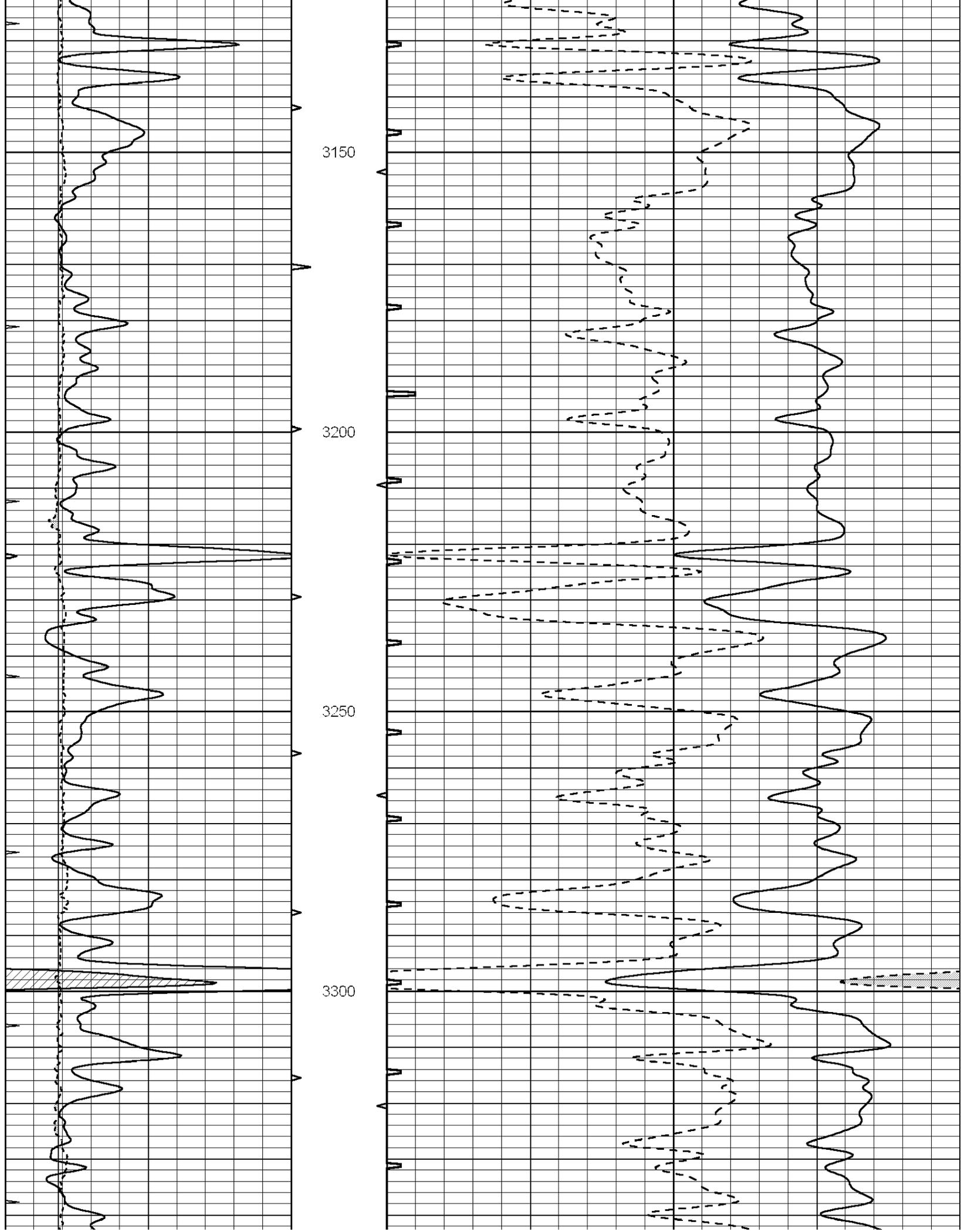
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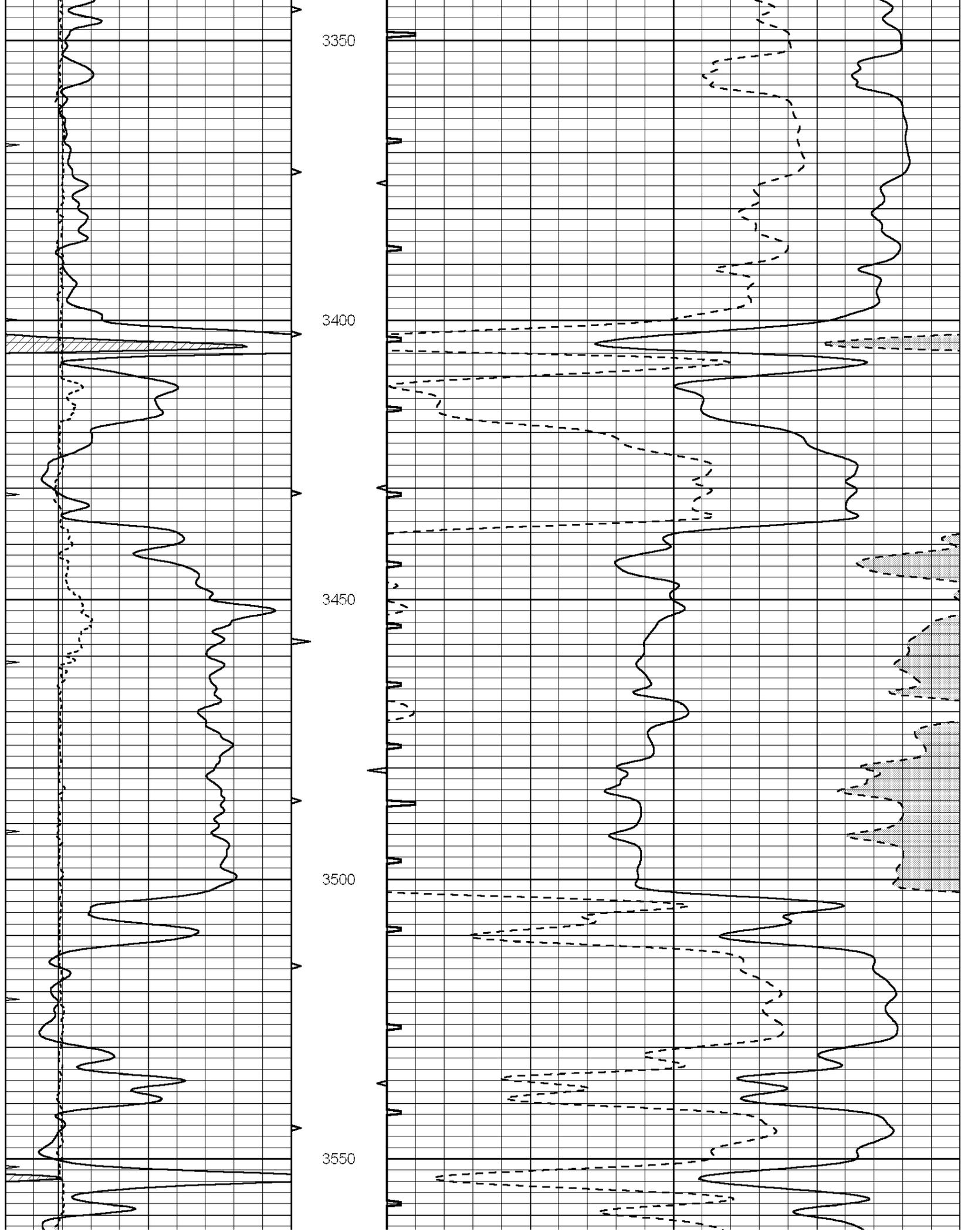
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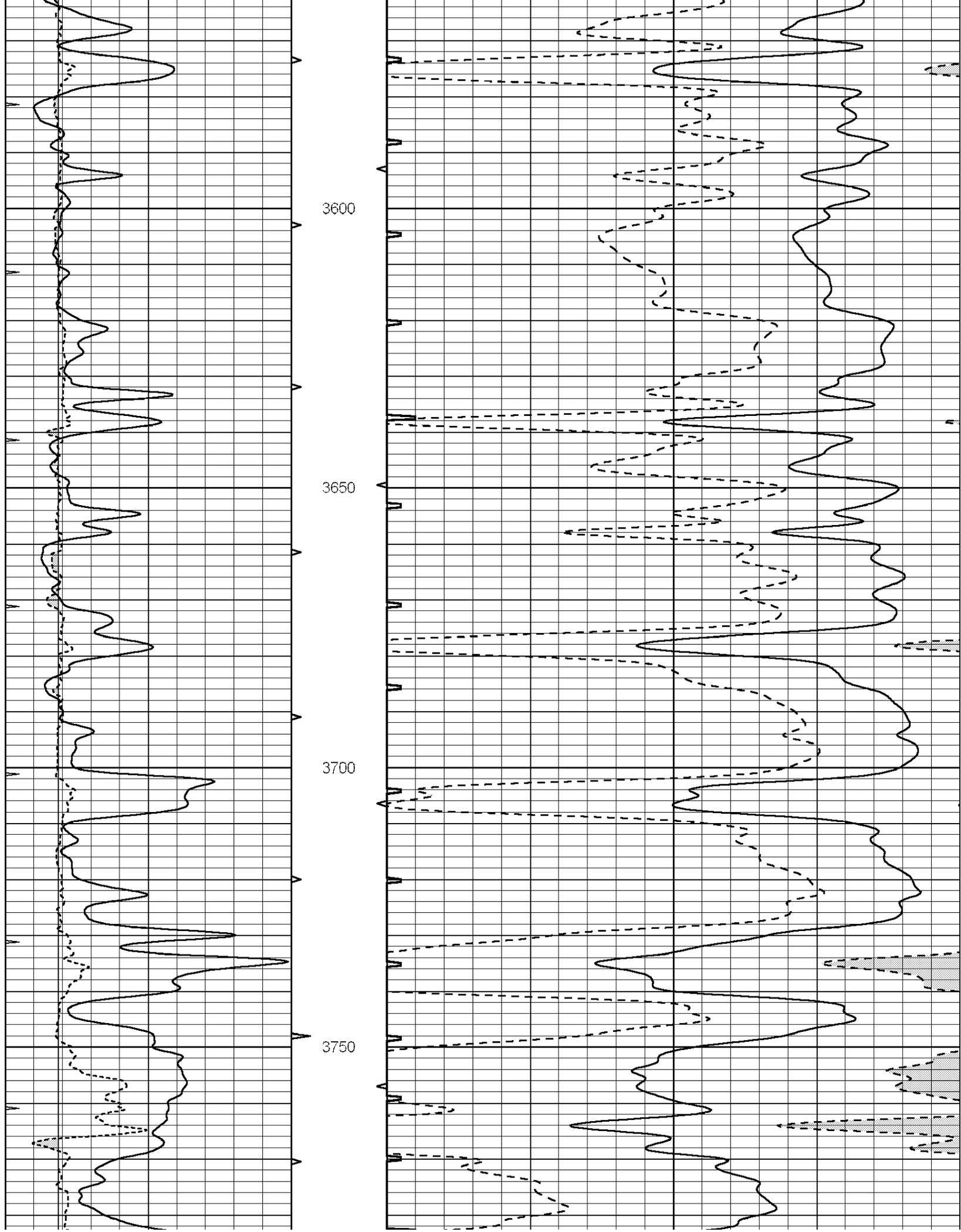
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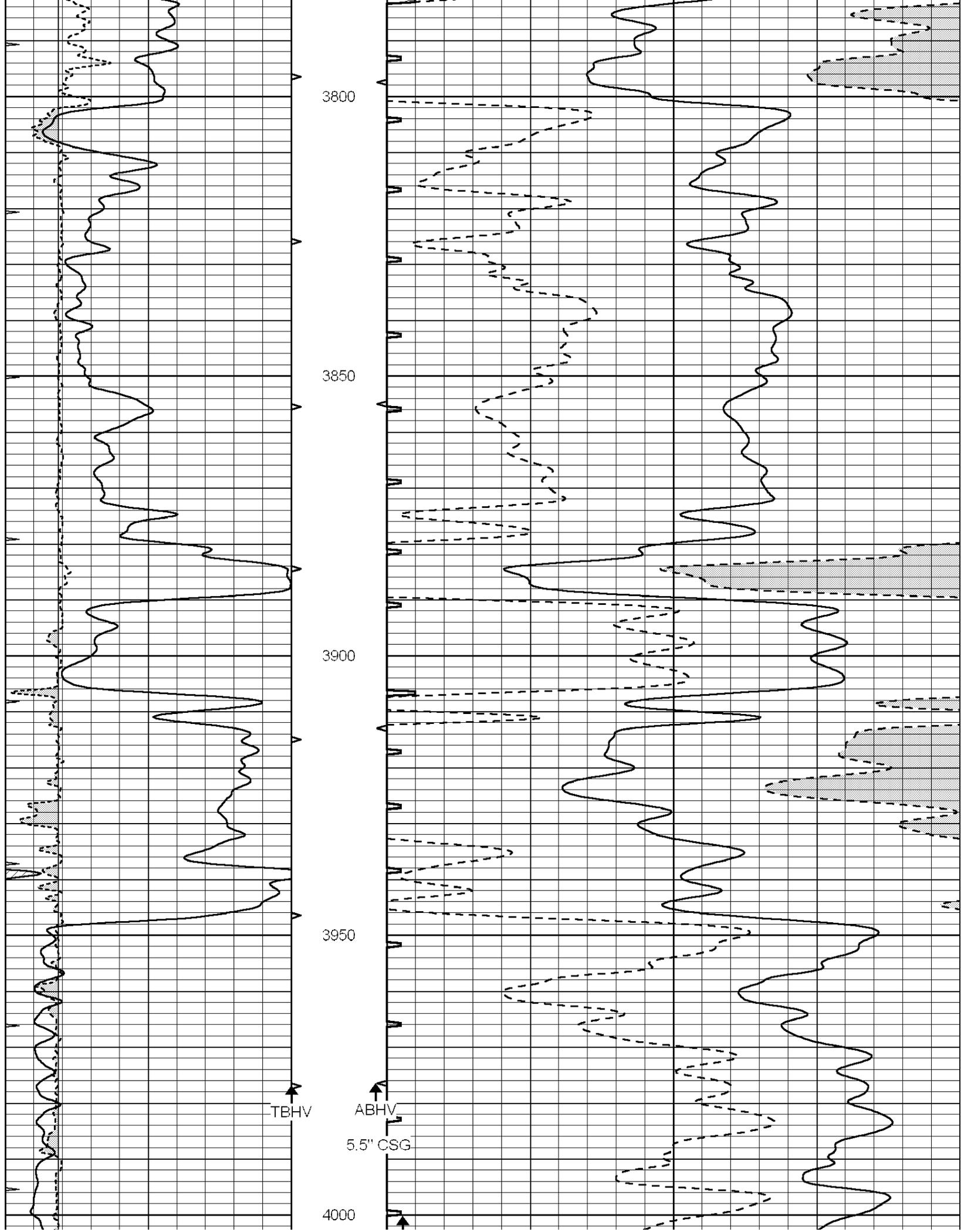


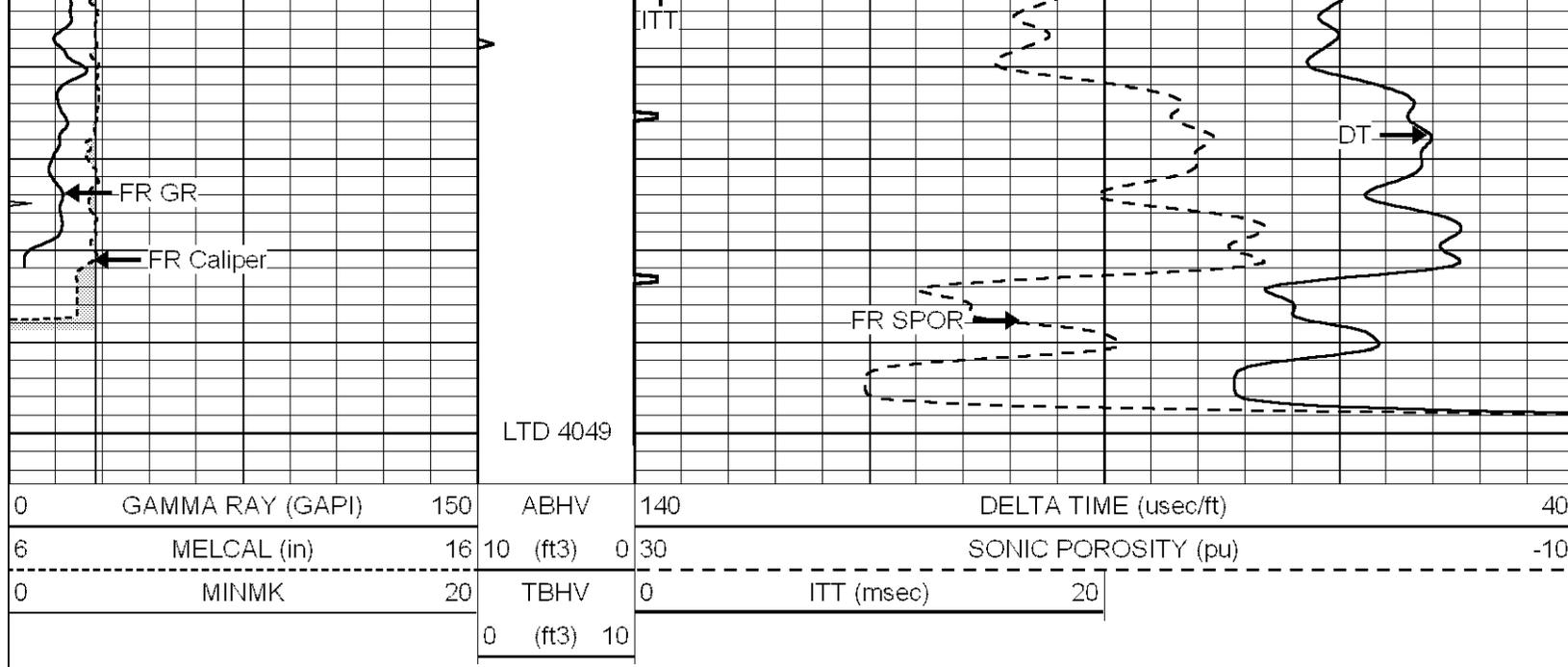










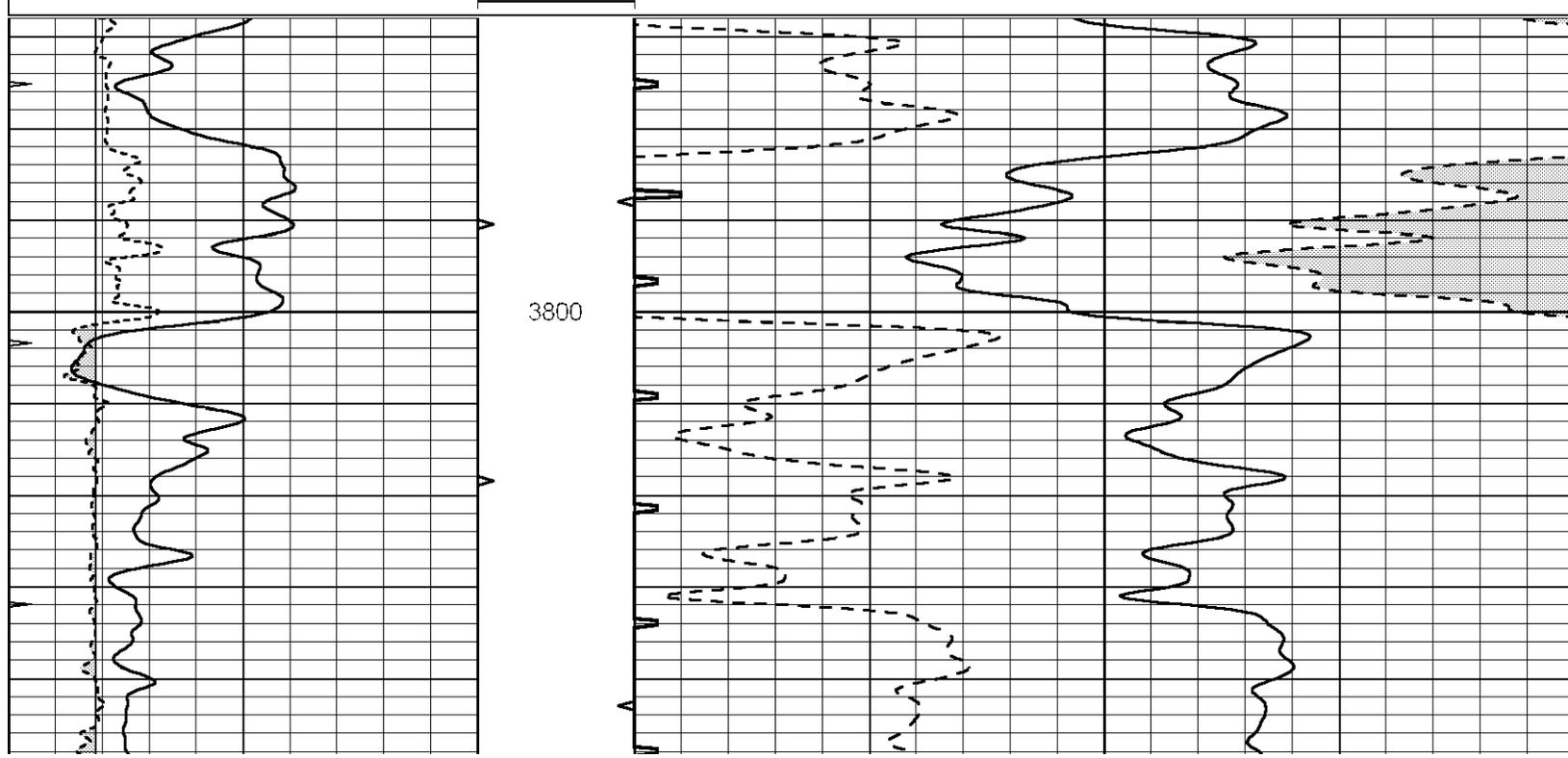


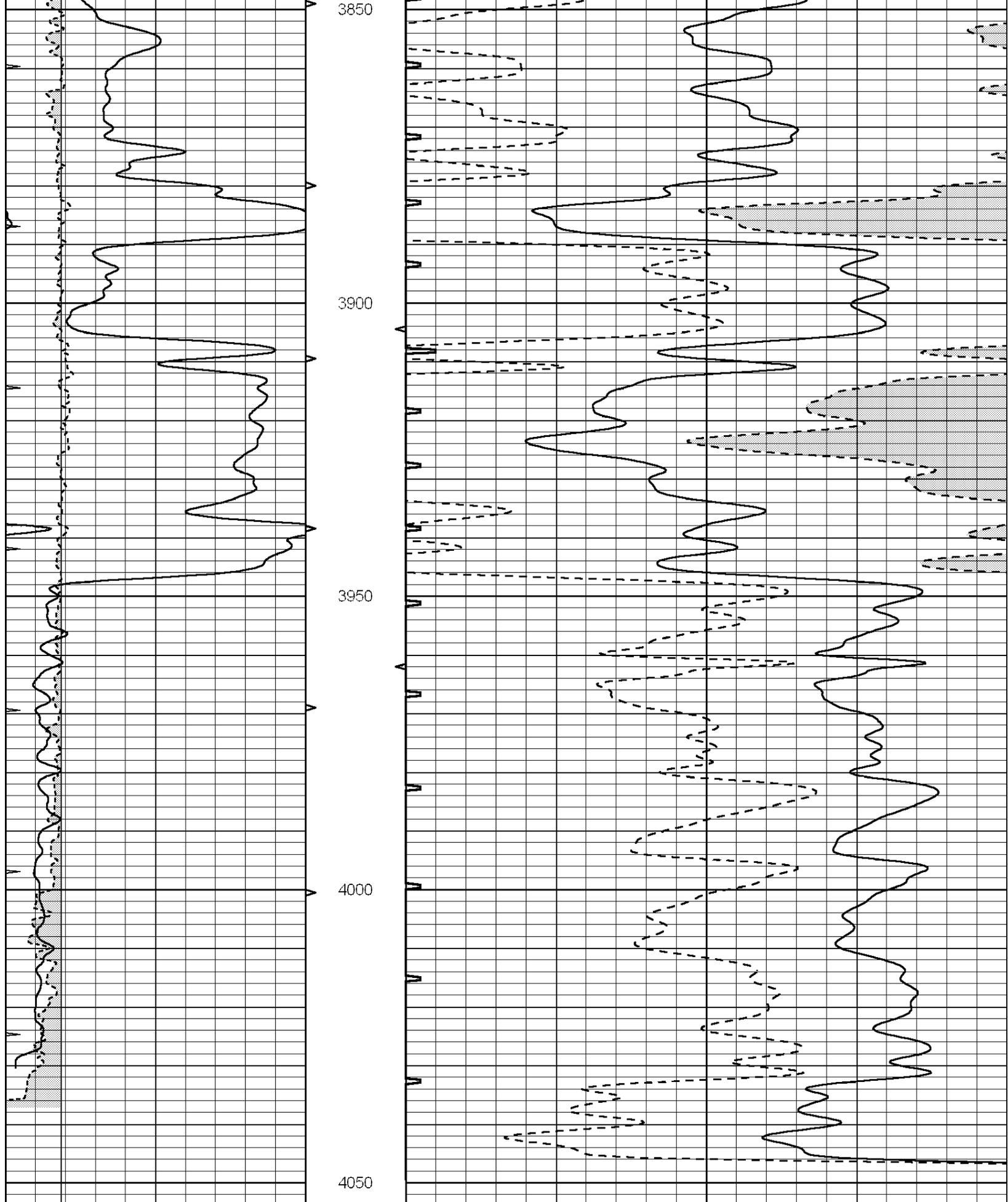

COMPLETION & PRODUCTION SERVICES CO.

REPEAT SECTION

Database File: 24146ddn.db
 Dataset Pathname: pass5.4
 Presentation Format: _slt
 Dataset Creation: Tue Apr 29 16:09:43 2014 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	MELCAL (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3)	10			





0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	MELCAL (in)	16	10 (ft ³)	0 30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20

