NABORS COMPLETION & PRODUCTION SERVICES CO.

SONIC LOG

Company	L. D. DRILLING, INC.
Well	#1-16 FLOREINE
Field	WILDCAT
County	BARTON
State	KANSAS

Company L. D. DRILLING, INC.

Well #1-16 FLOREINE

Field WILDCAT

County BARTON State KANSAS

Location: API # : 15-009-25837-0000

1785' FSL & 1151' FEL

NW - SW - NE - SE

SEC 16 TWP 18S RGE 14W

Other Services: CDL/CNL, DIL/MEL

Permanent Datum: GROUND LEVEL Elevation 1935

Log Measured From: KELLY BUSHING 5' A.G.L.

Drilling Measured From: KELLY BUSHING

Elevation: K.B. 1940, D.F. 1938, G.L. 1935

Date	5/20/13		
Run Number	TWO		
Depth Driller	3550		
Depth Logger	3550		
Bottom Logged Interval	3538		
Top Log Interval	900		
Casing Driller	8 5/8"@930'		
Casing Logger	932		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,000 PPM	
Density / Viscosity	8.8/54		
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.700@82F		
Rmf @ Meas. Temp	.525@82F		
Rmc @ Meas. Temp	.840@82F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.513@112F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	1:00 P.M.		
Maximum Recorded Temperature	112F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KIM SHOEMAKER		

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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 "NABORS" HAYS, KANSAS (785) 628-6395

DIRECTIONS

(HWY 4 & 281) W. OF HOISINGTON, KS., 3S. ON BOYD RD. TO "RD. 90", 1W., 1/2S., W. INTO

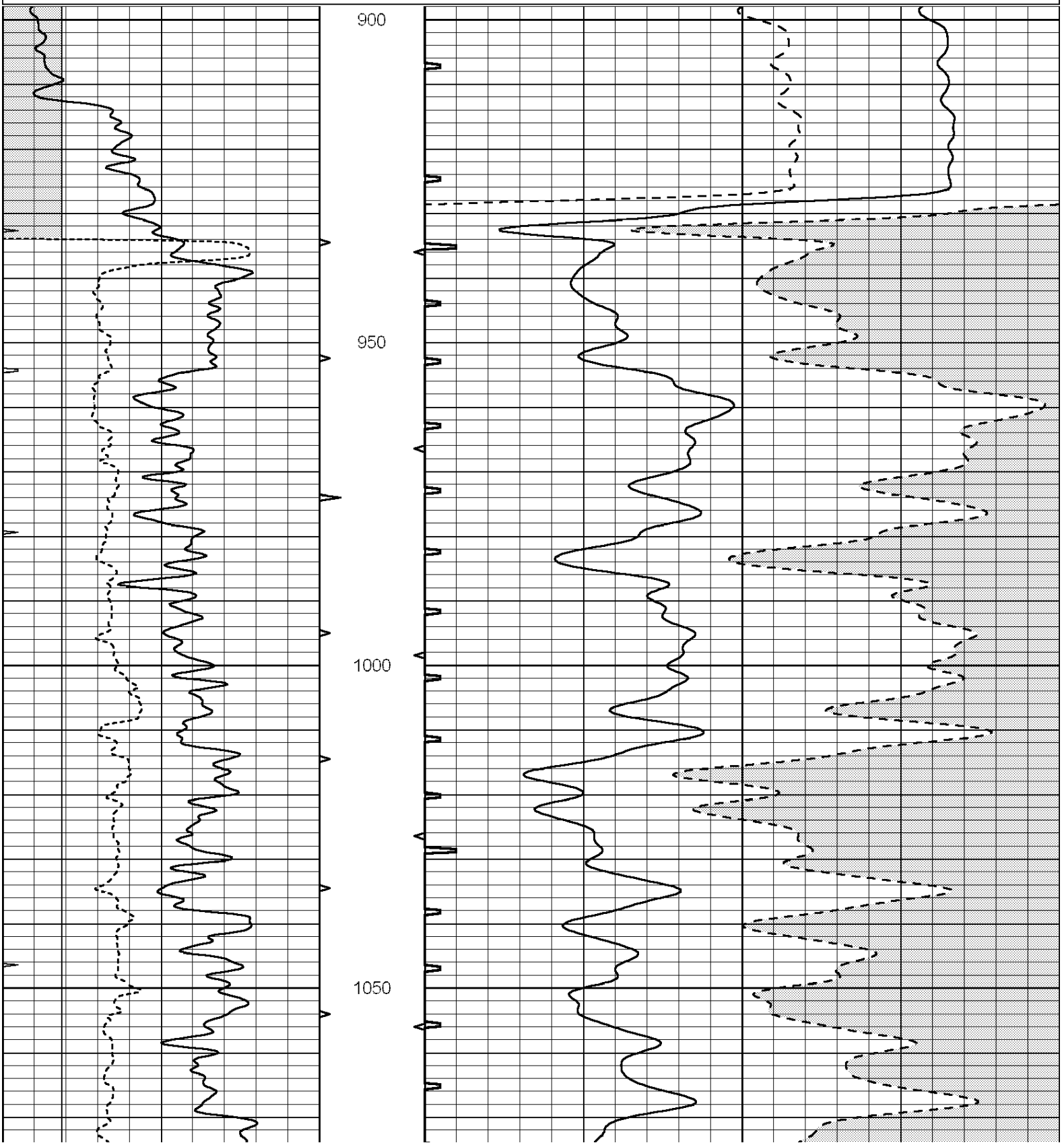
NABORS COMPLETION & PRODUCTION SERVICES CO.

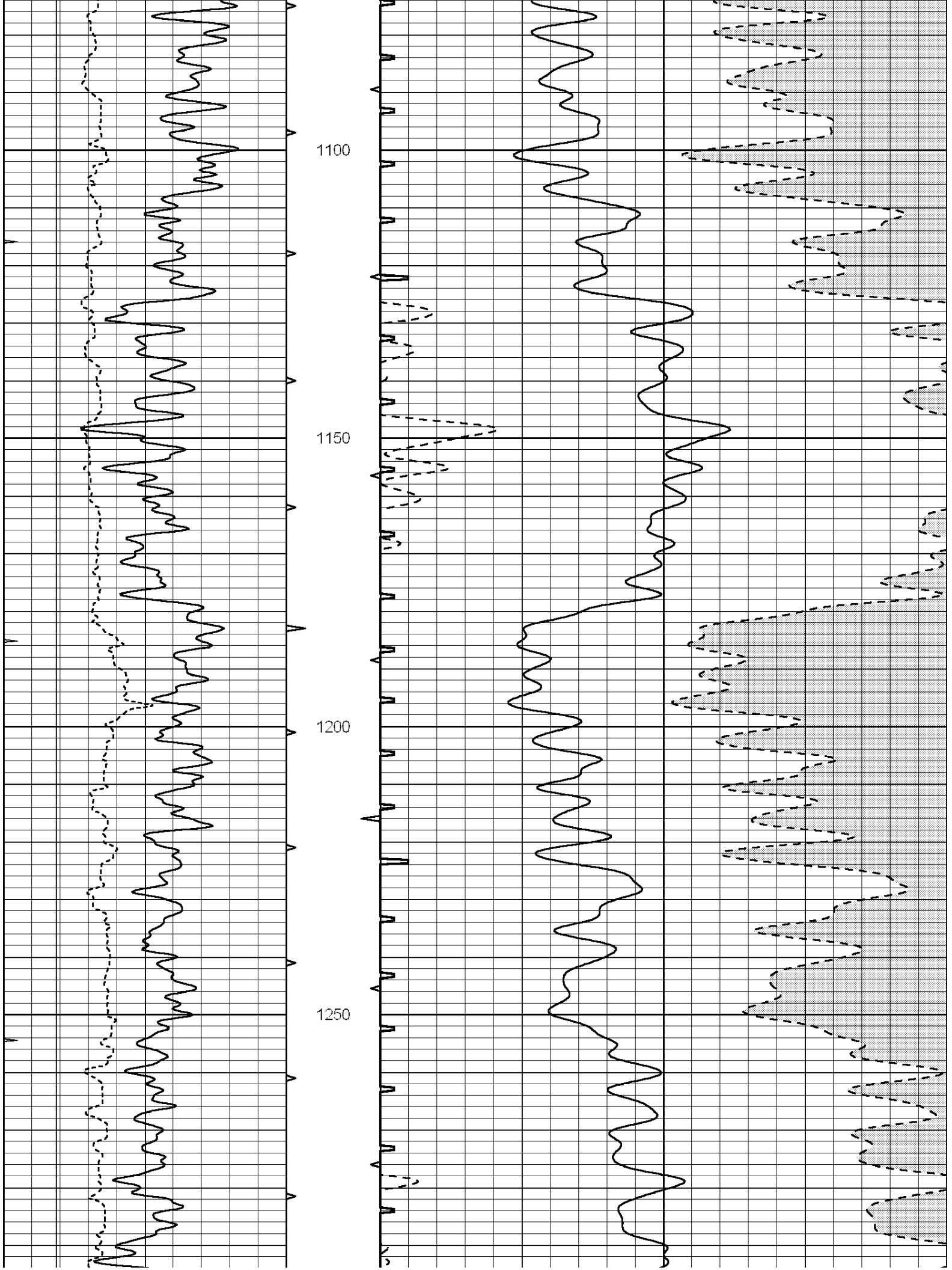
MAIN SECTION

SERVICES CO.

Database File: 010909ddn.db
Dataset Pathname: pass6.8
Presentation Format: slt
Dataset Creation: Mon May 20 15:58:42 2013
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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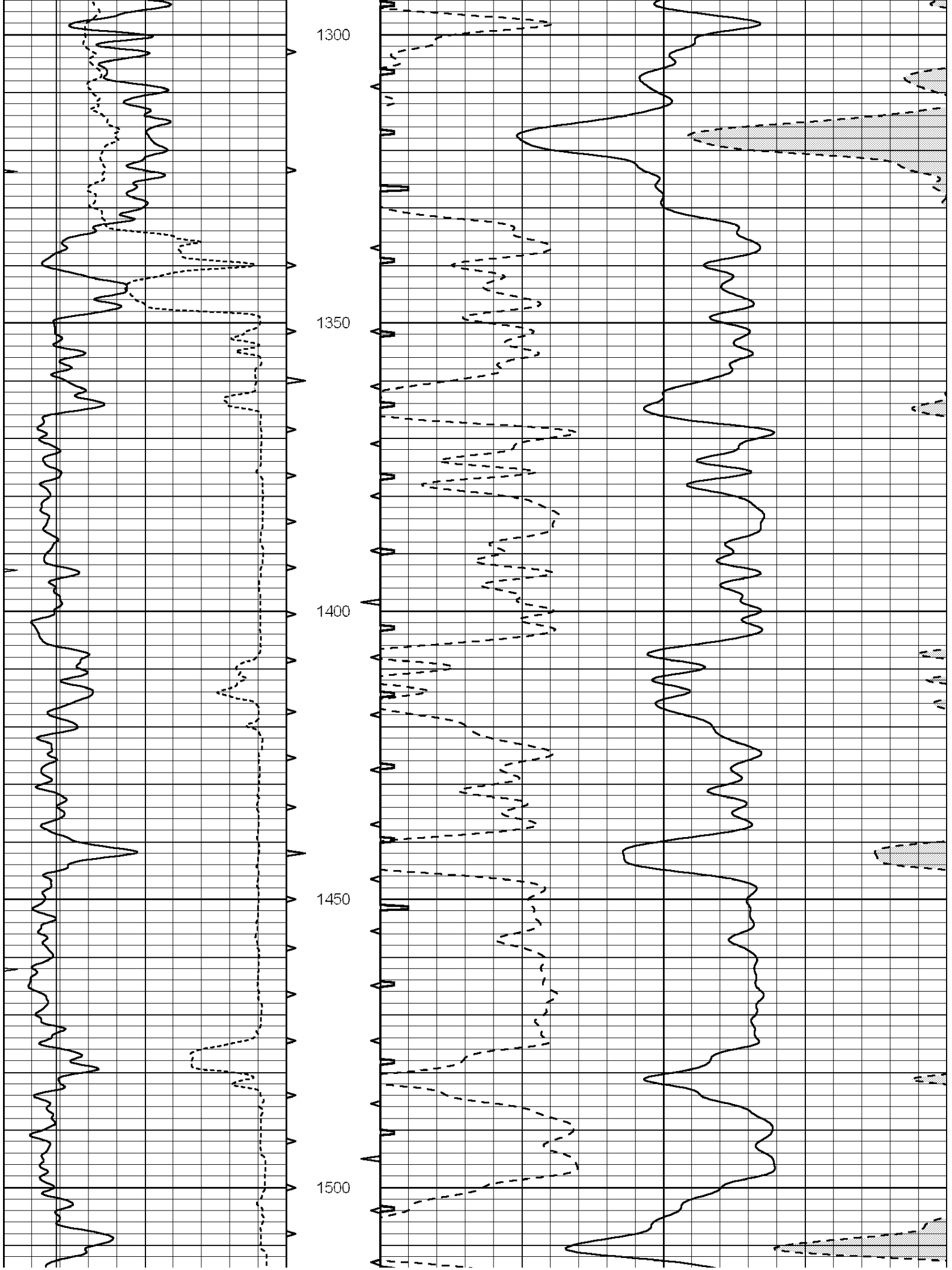
1150
1200
1250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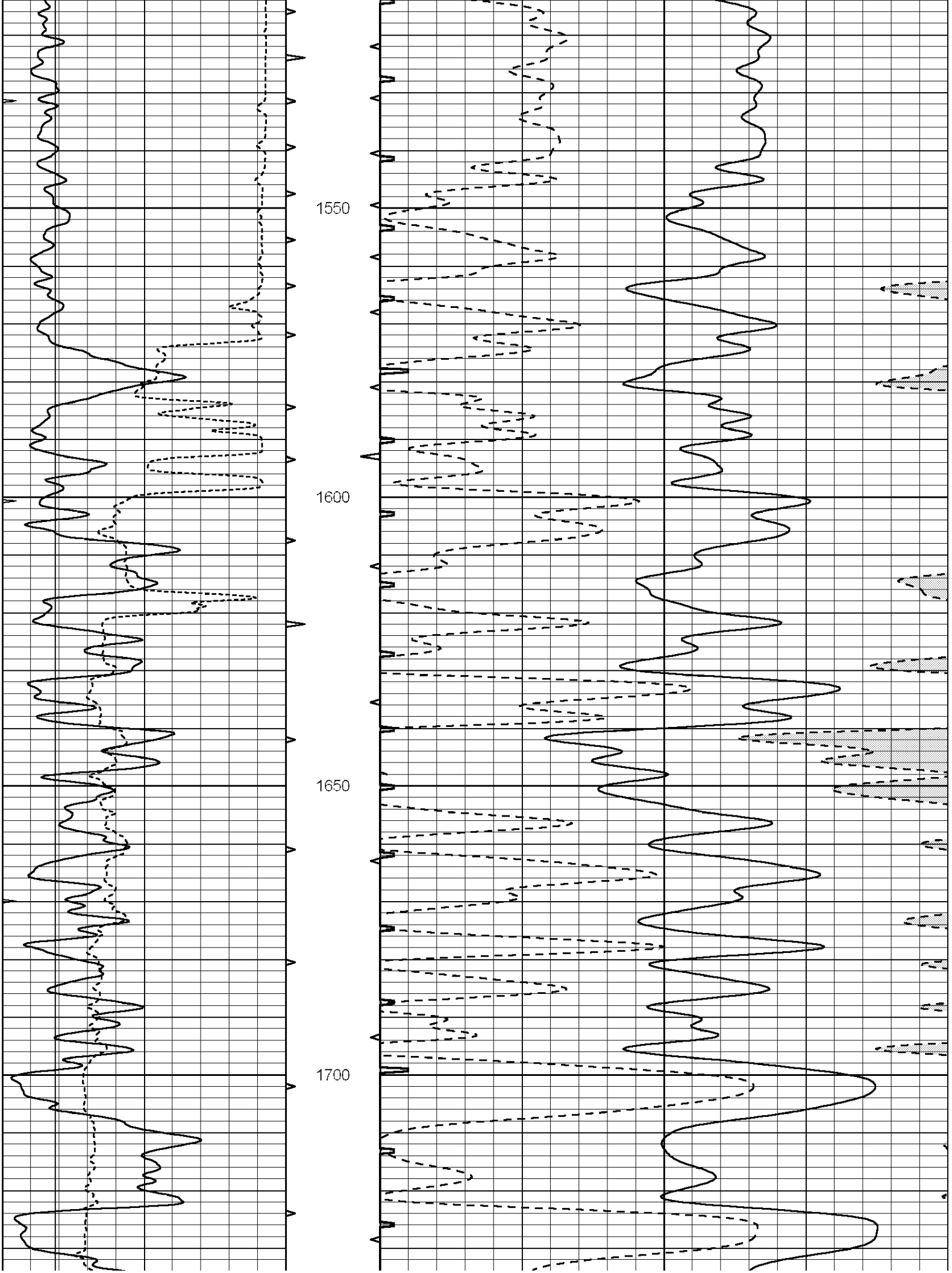
1350
1400
1450
1500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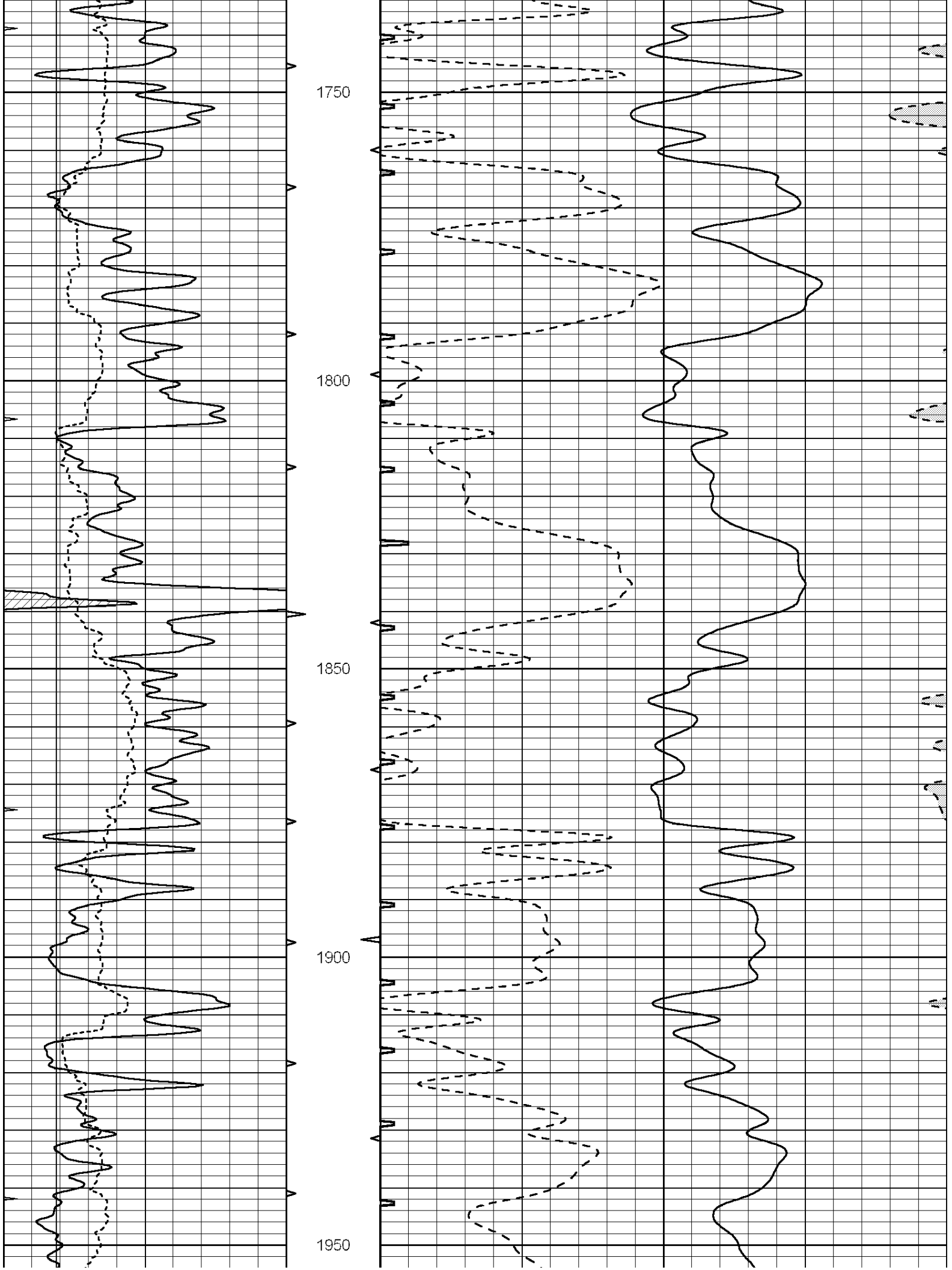
1650
1700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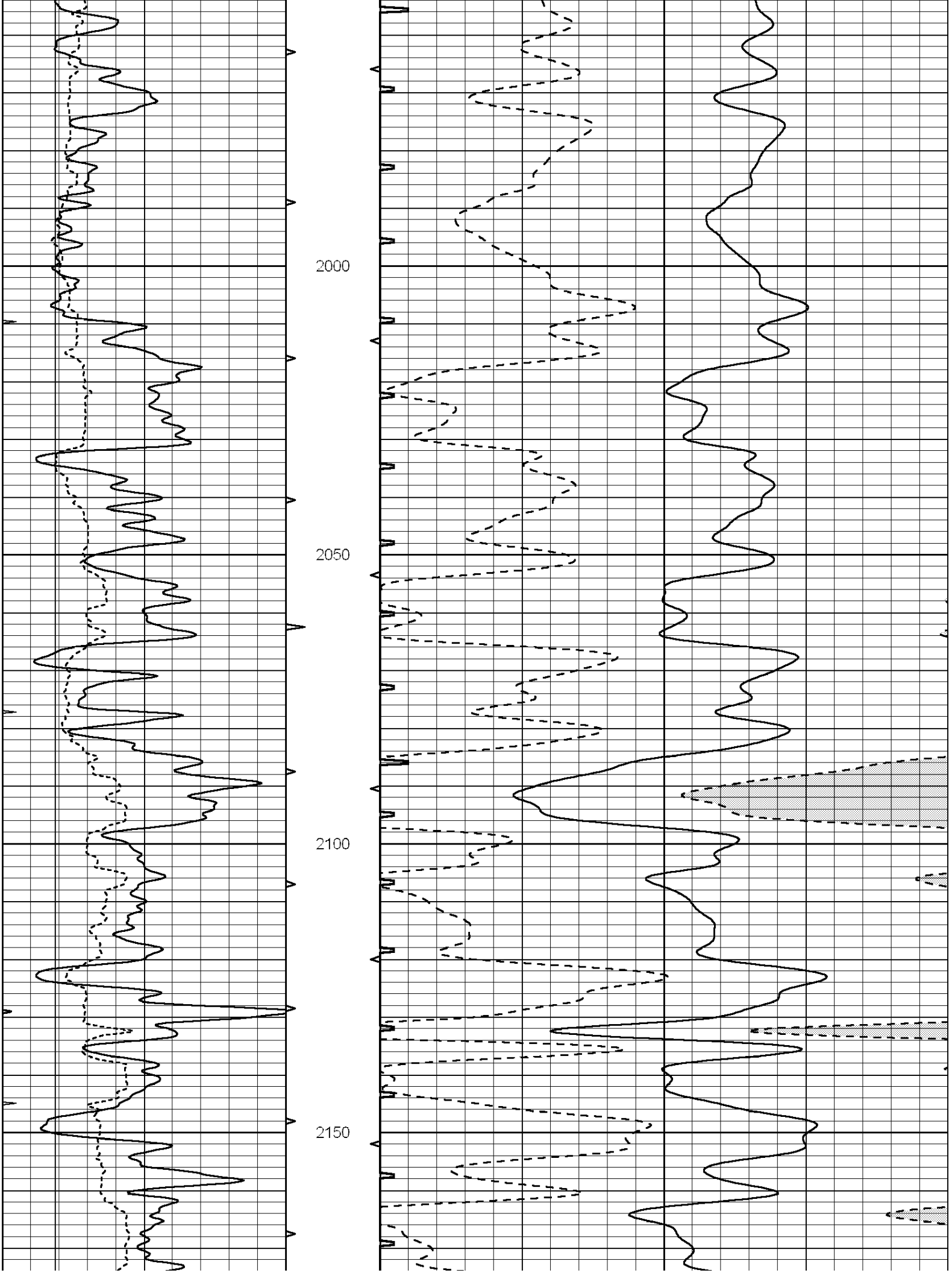
1850
1900
1950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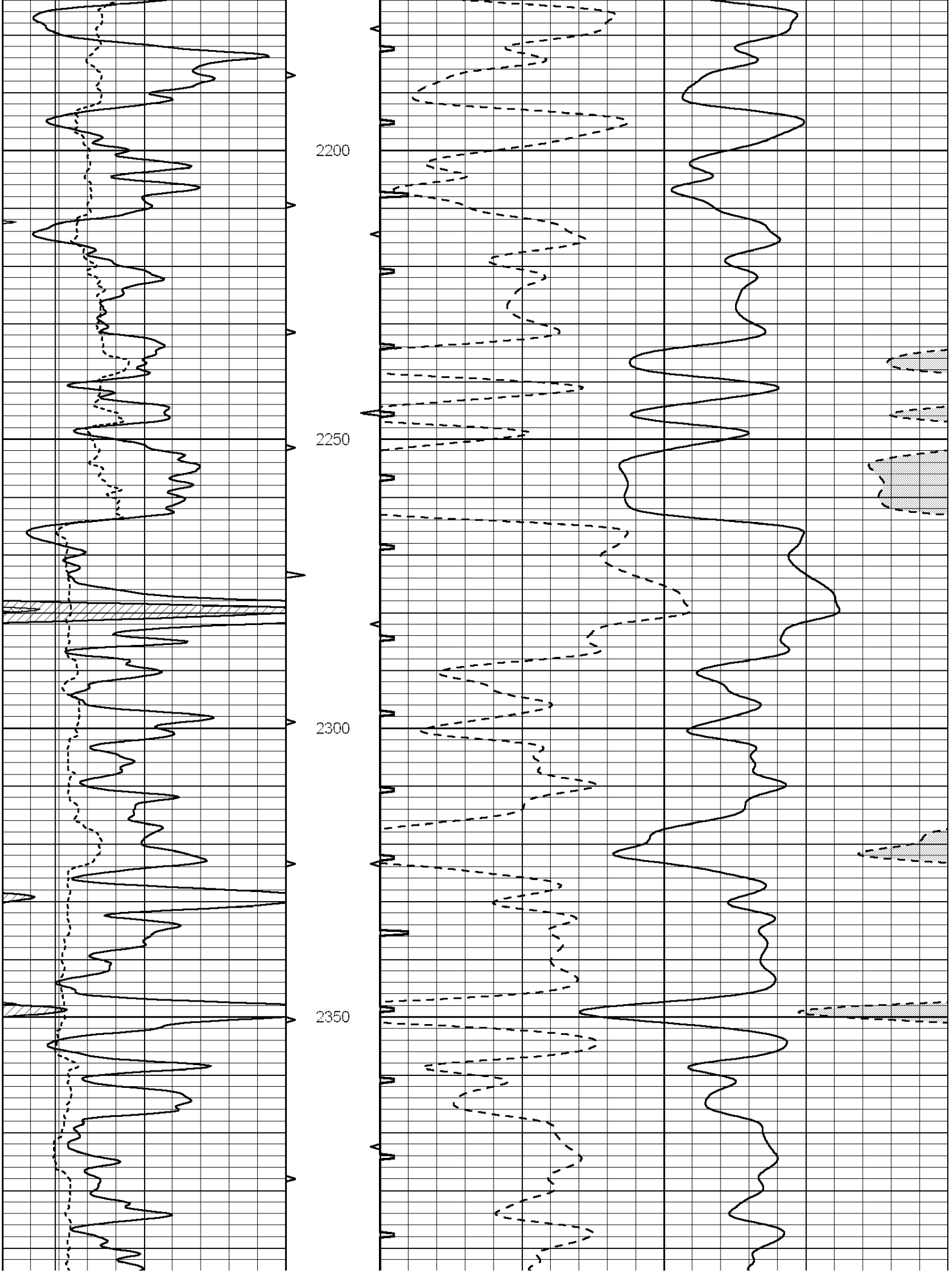
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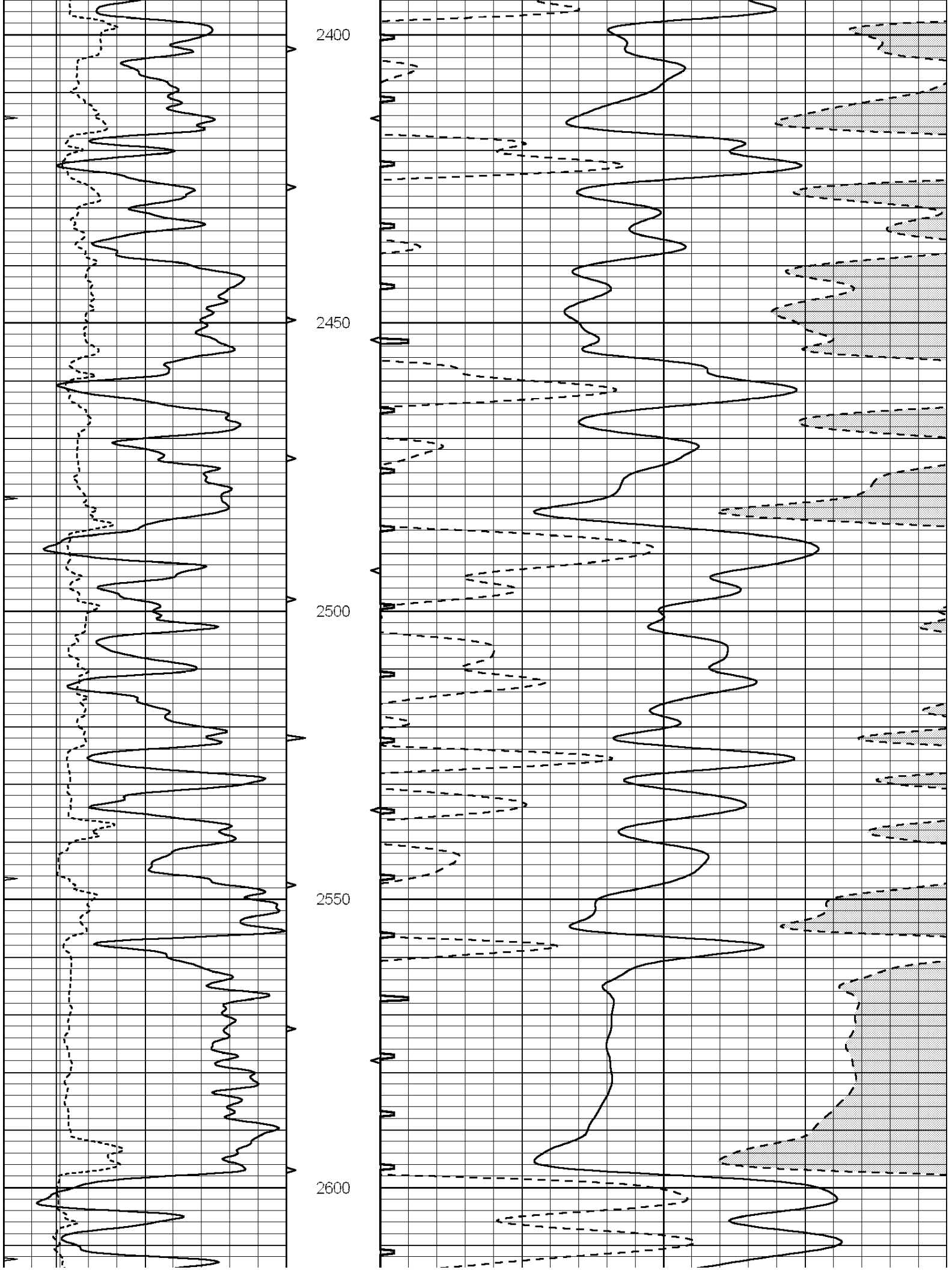
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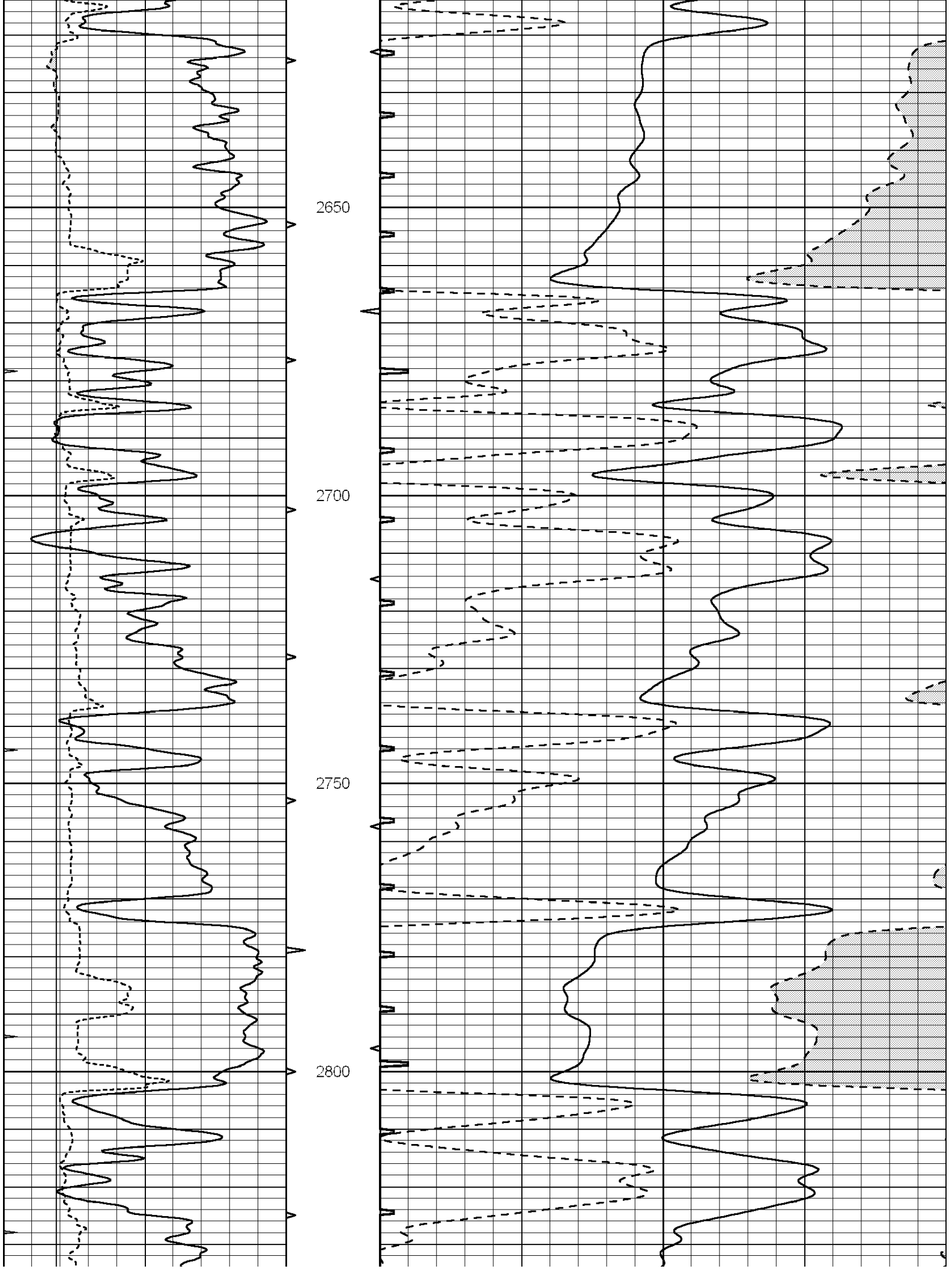
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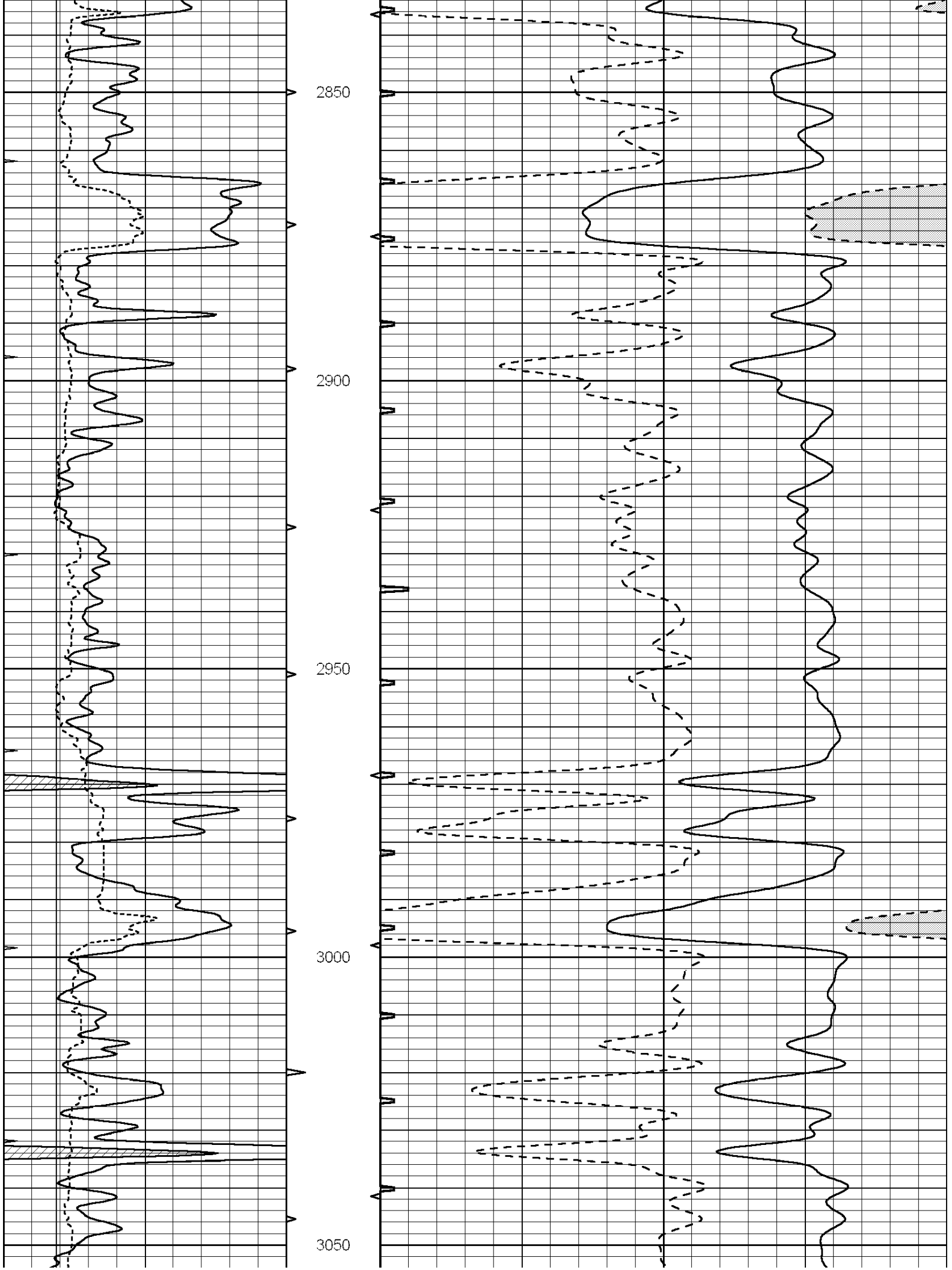
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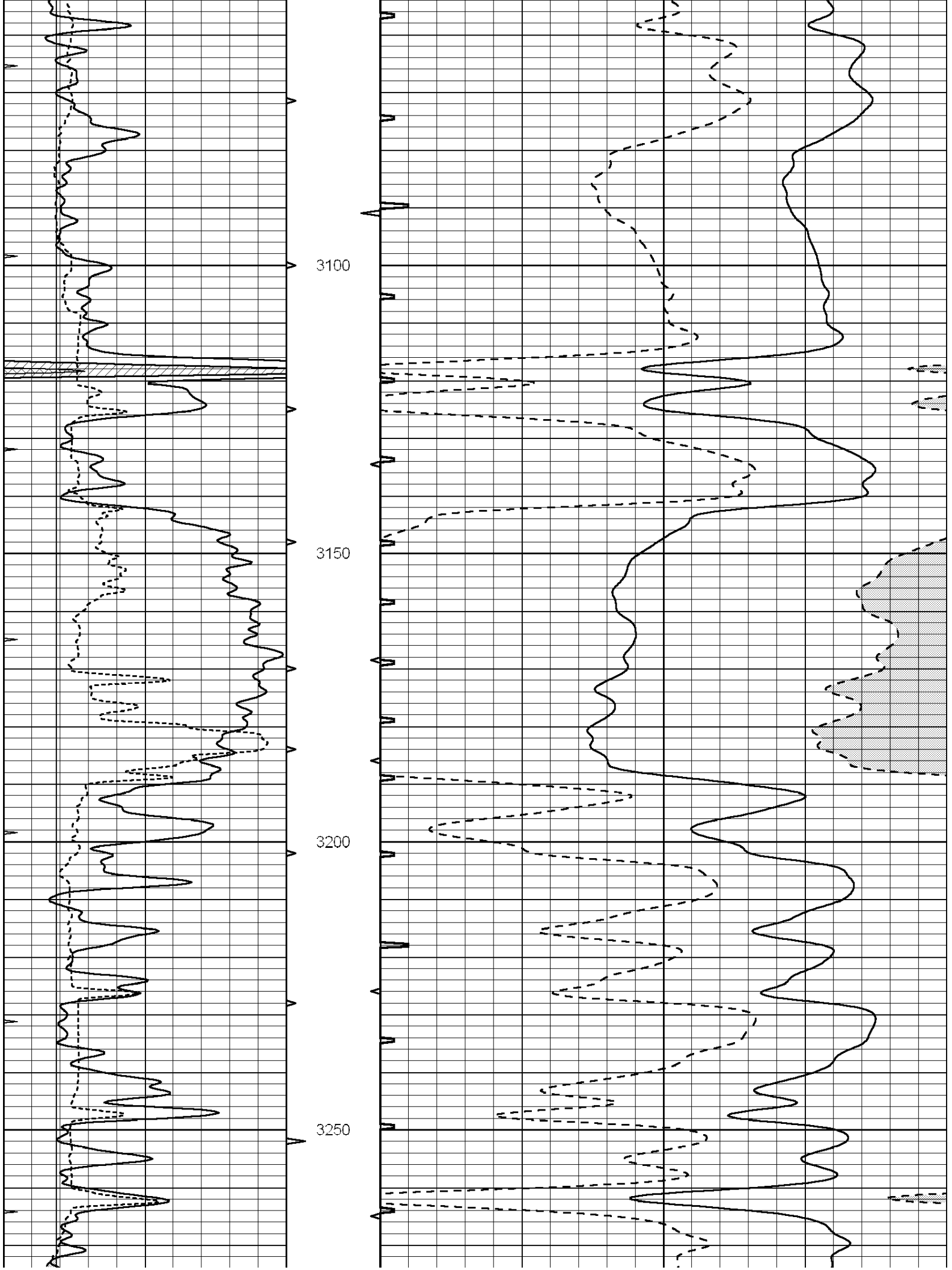
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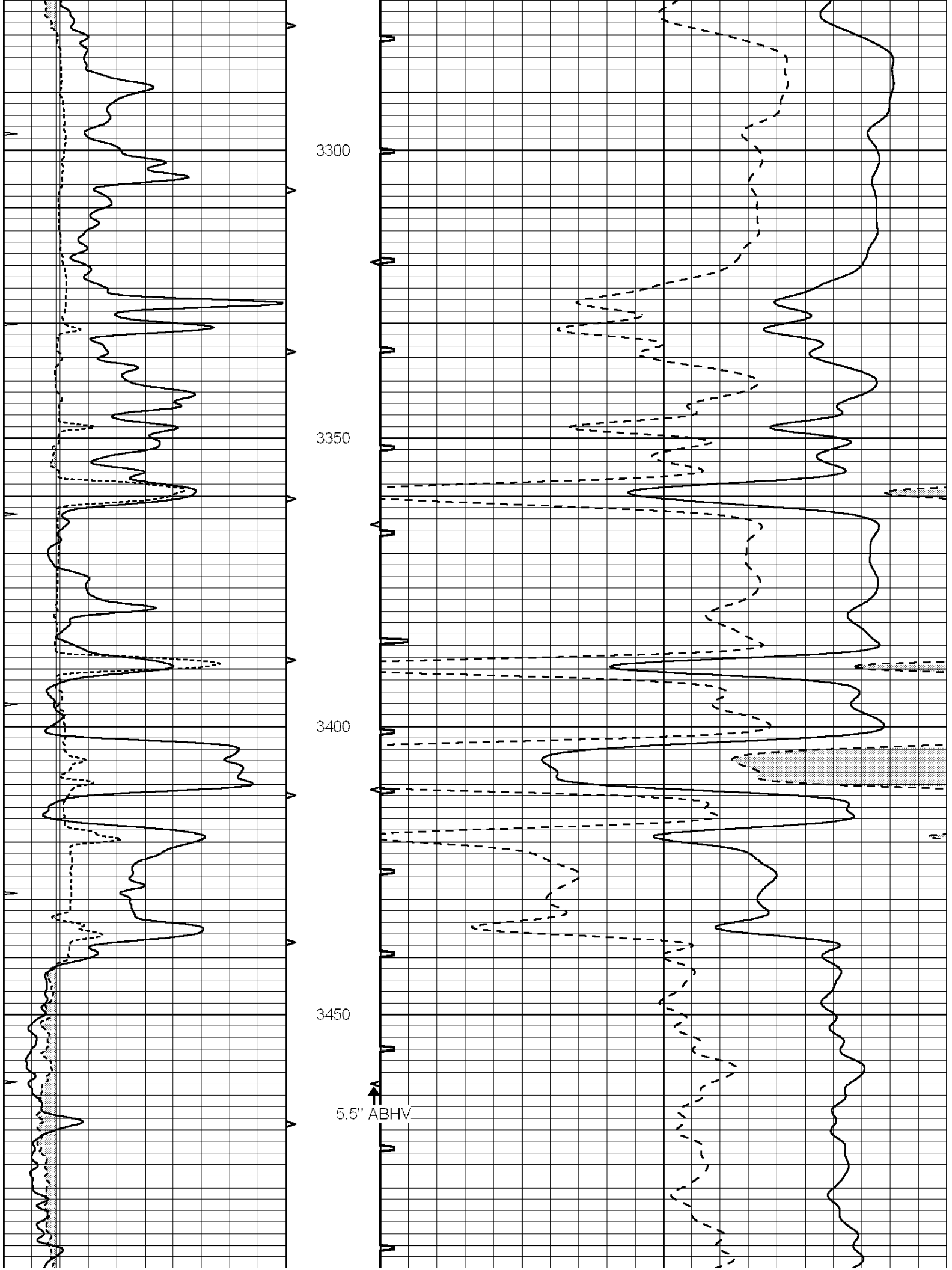
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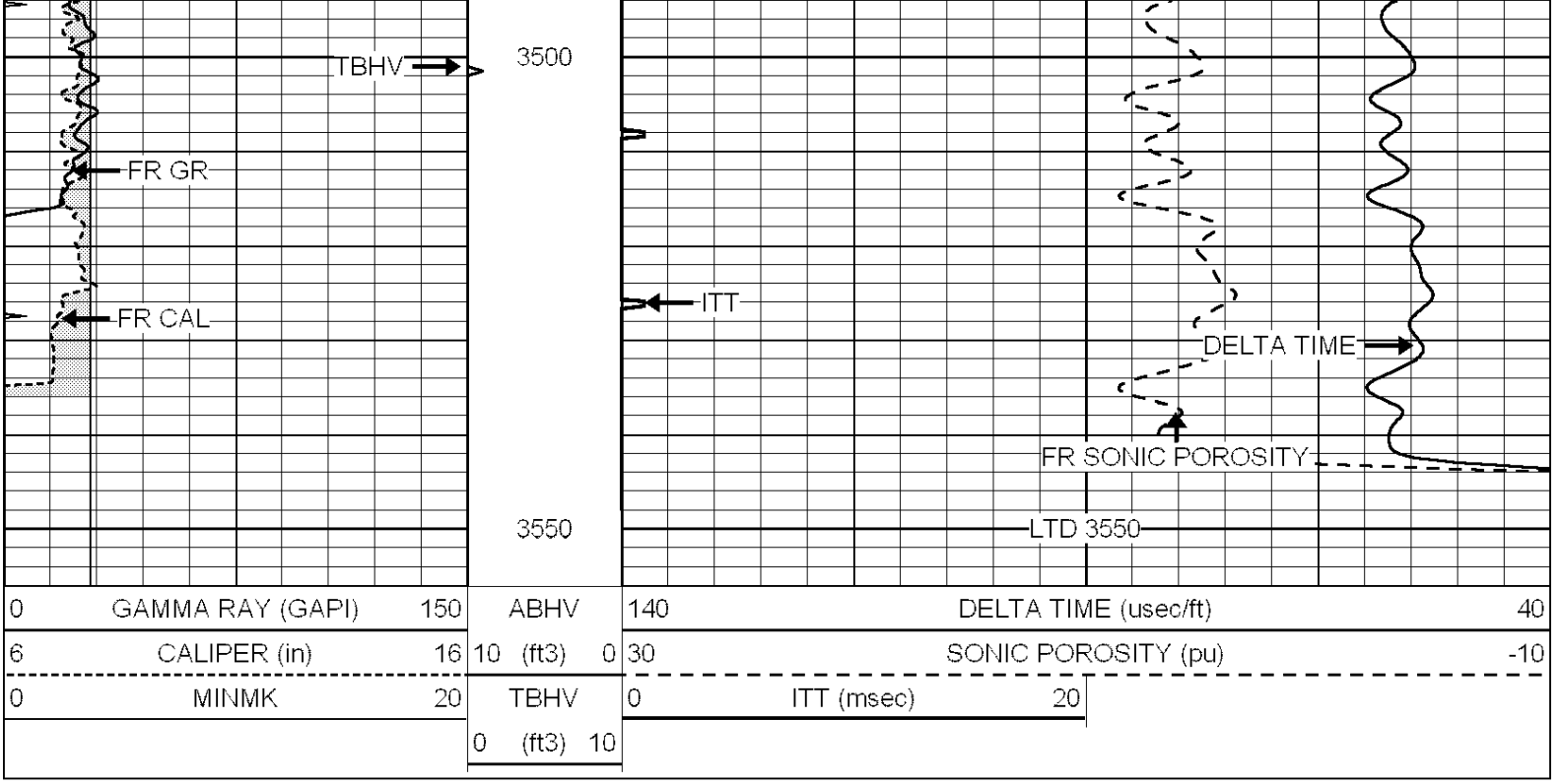
3400
3450
5.5" ABHV



NABORS
COMPLETION & PRODUCTION SERVICES CO.

REPEAT SECTION

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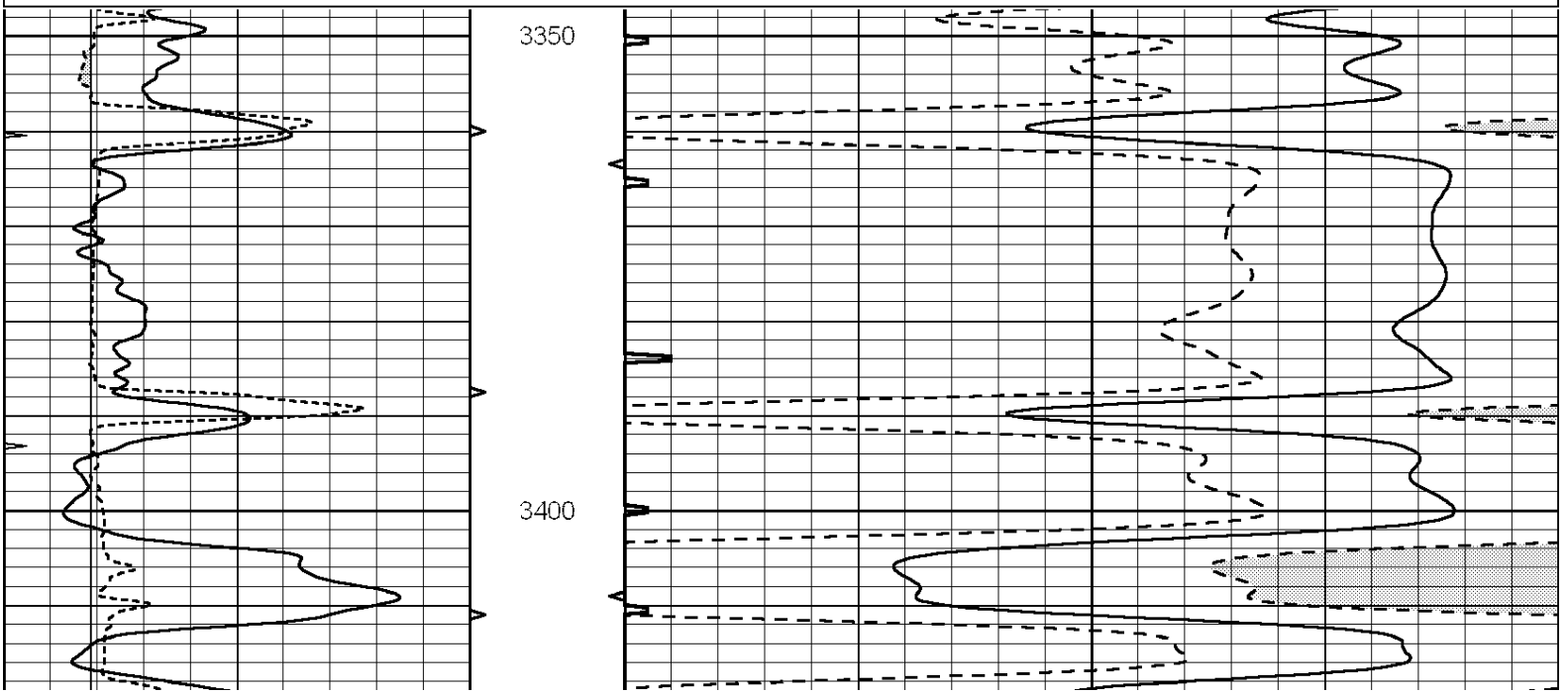
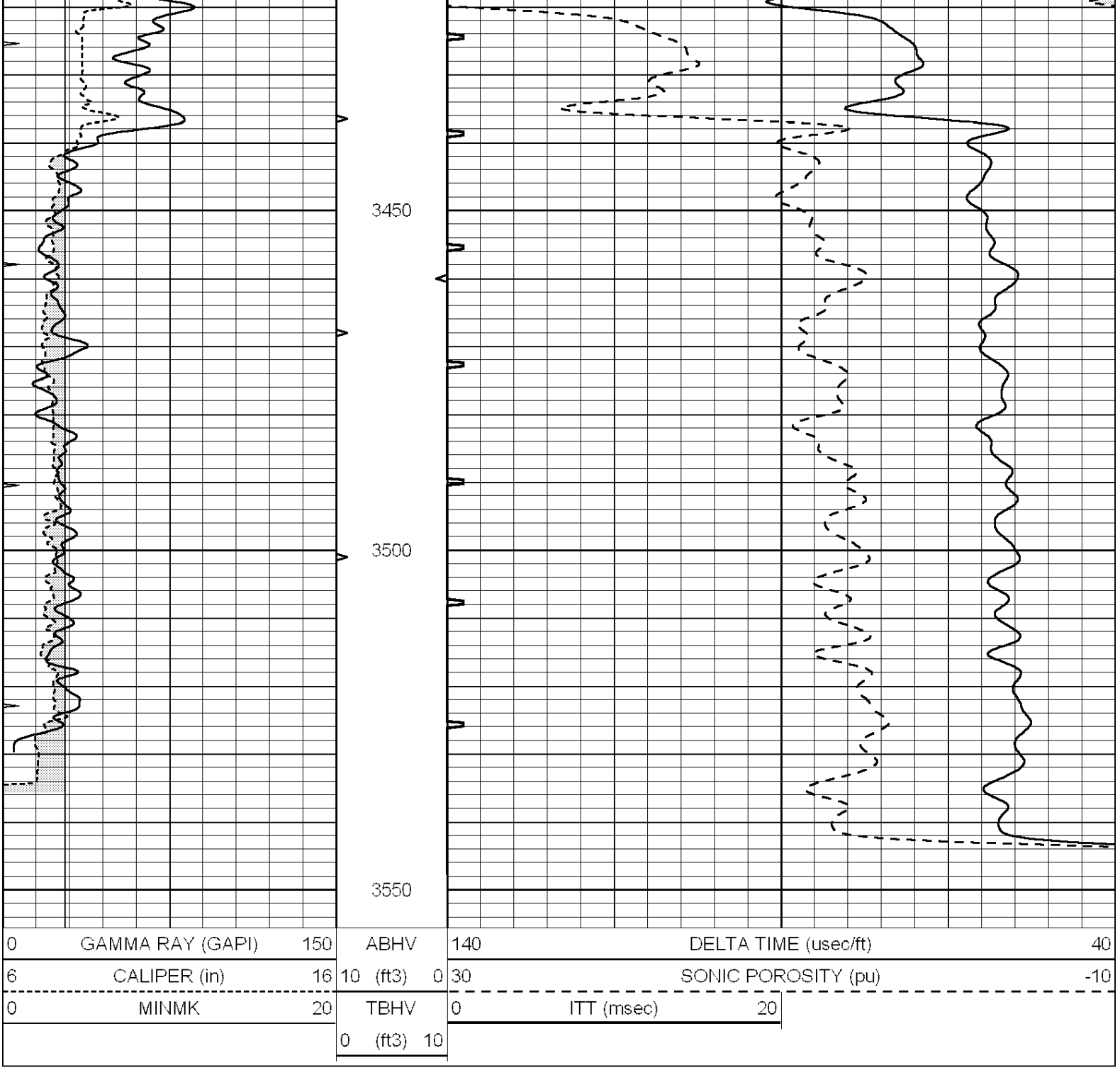
Charted by:	Depth in Feet scaled 1:240




3450
3500
3550
0 GAMMA RAY (GAPI) 150
6 CALIPER (in) 16
0 MINMK 20
ABHV
10 (ft3) 0
TBHV
0 (ft3) 10
140 DELTA TIME (usec/ft) 40
30 SONIC POROSITY (pu) -10
0 ITT (msec) 20