

SONIC LOG

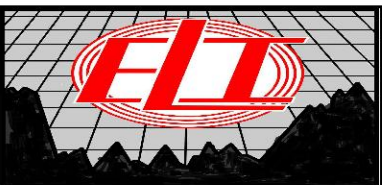
Company YOUNGER ENERGY CO.		Company YOUNGER ENERGY CO.	
Well	JARBOE "21" #1-30	Well JARBOE "21" #1-30	
Field	UNNAMED	Field UNNAMED	
County	PRATT	County PRATT	
State	KANSAS	State KANSAS	
Location:		API # : 15-151-22573-0000	
2287' FNL & 350' FWL		Other Services CDL/CNL MEL/DIL	
Permanent Datum	GROUND LEVEL	Elevation	
Log Measured From	KELLY BUSHING 13' A.G.L	K.B. 1974	
Drilling Measured From	KELLY BUSHING	D.F. 1972	
		G.L. 1961	
Date	10/30/21		
Run Number	TWO		
Depth Driller	4550		
Depth Logger	4550		
Bottom Logged Interval	4540		
Top Log Interval	850		
Casing Driller	8 5/8" @ 895		
Casing Logger	895		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7700 PPM	
Density / Viscosity	9.2/50		
pH / Fluid Loss	11.0/8.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.75 @ 64F		
Rmf @ Meas. Temp	.56 @ 64F		
Rmc @ Meas. Temp	.90 @ 64F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.39 @ 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	KEITH REAVIS		

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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

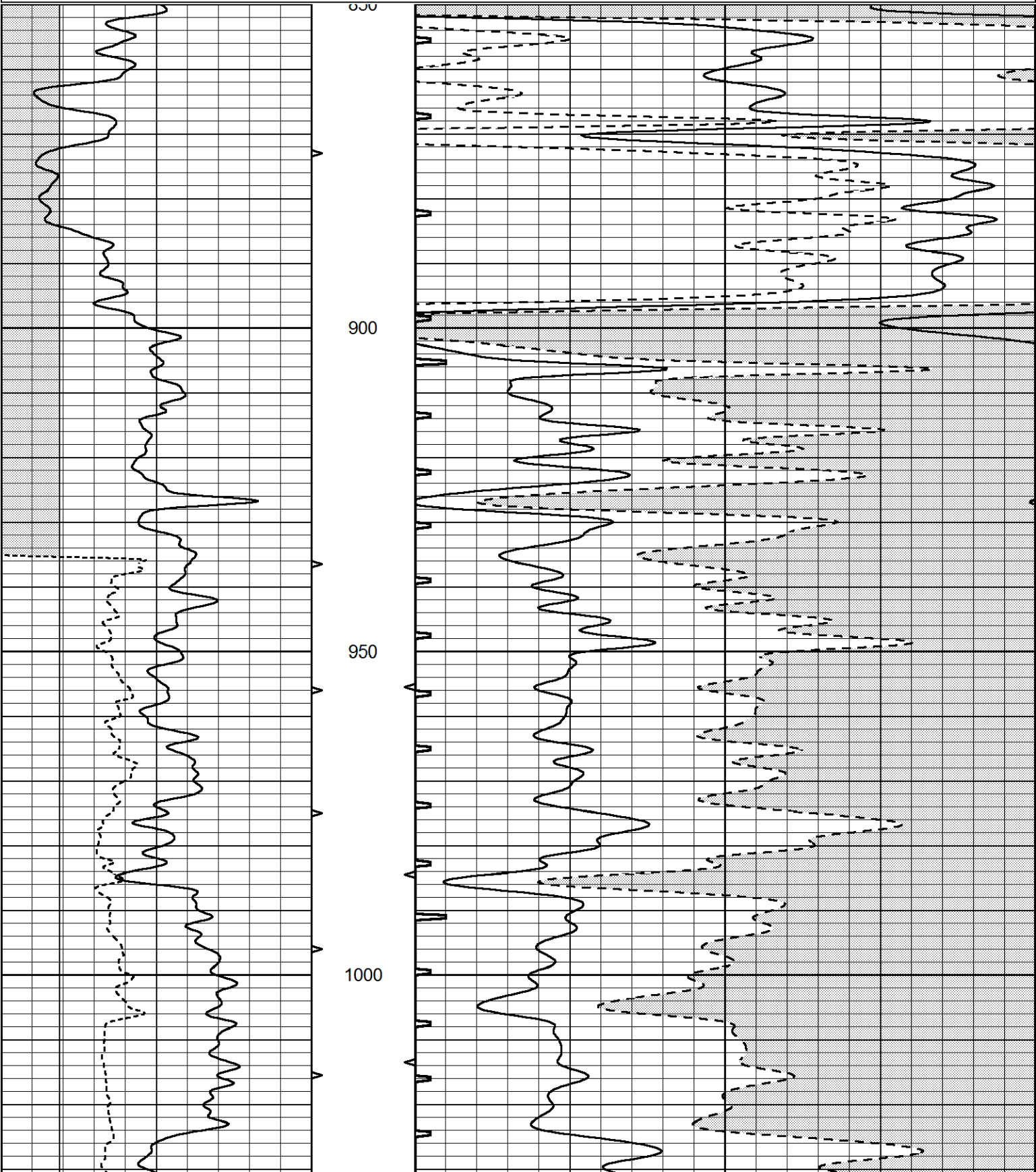
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
NORTH OF IUKA, BYERS BLACKTOP AND 281 GO 3 WEST TO 30 RD,
SOUTH 1.5, EAST INTO

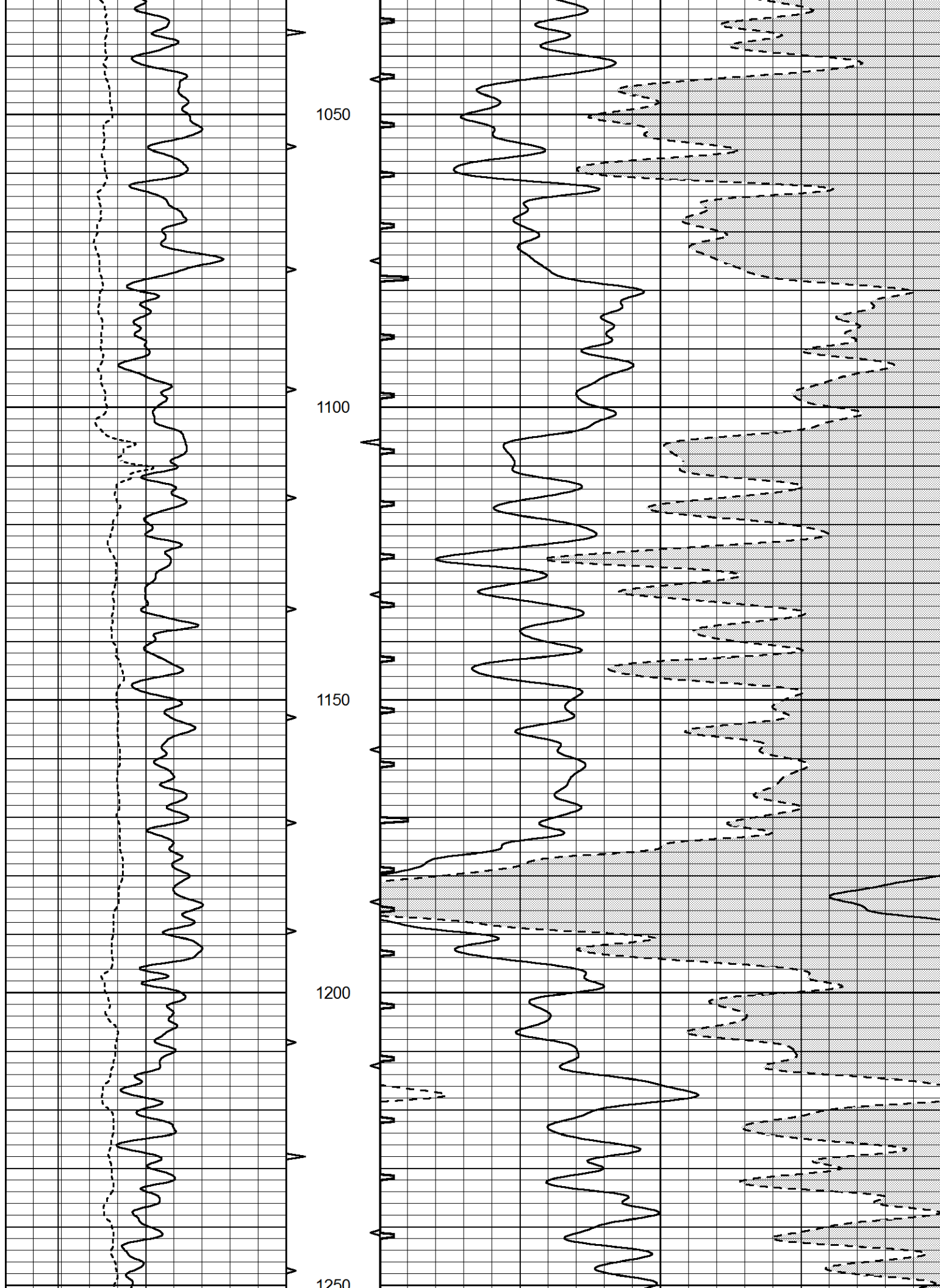


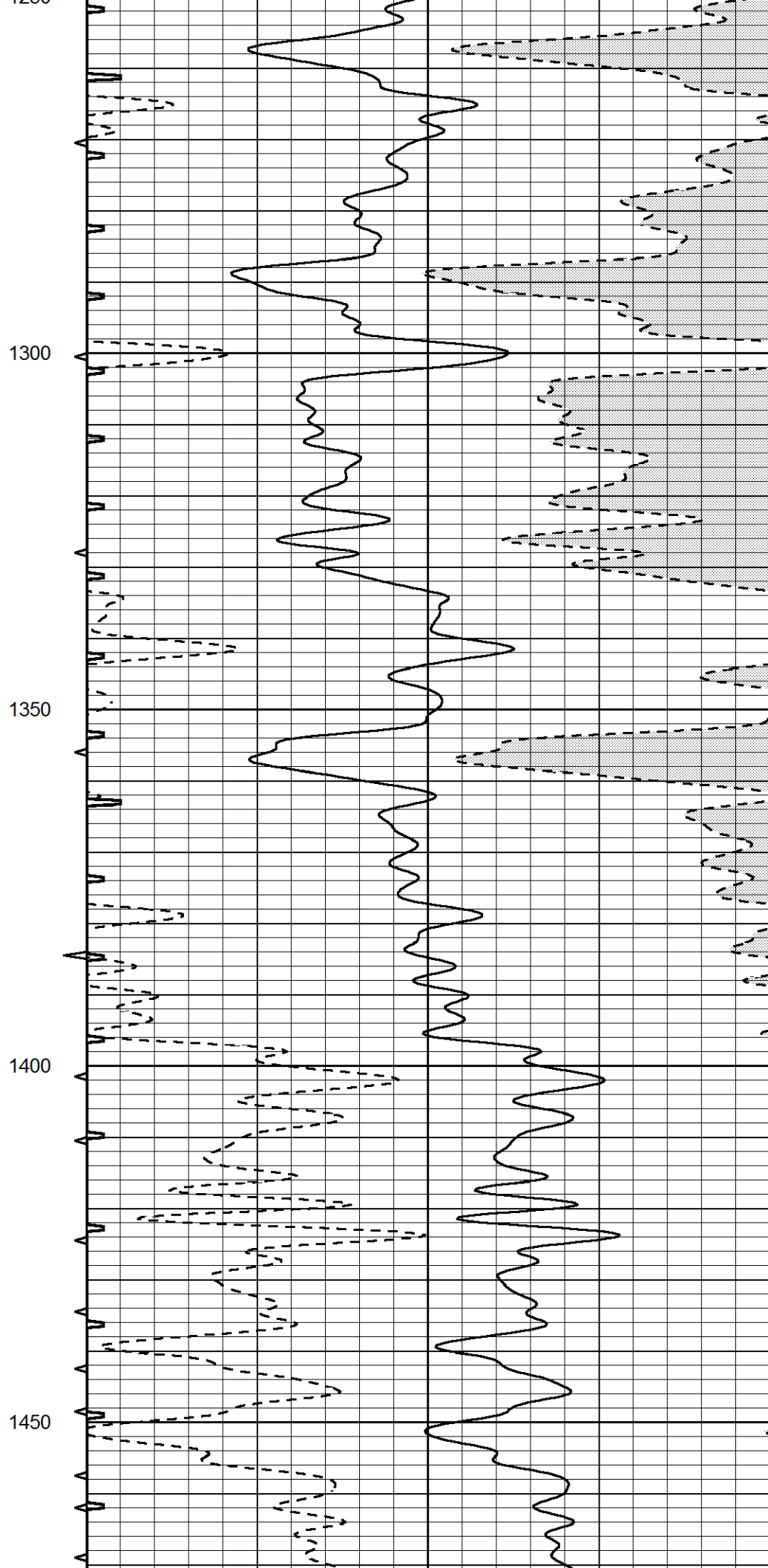
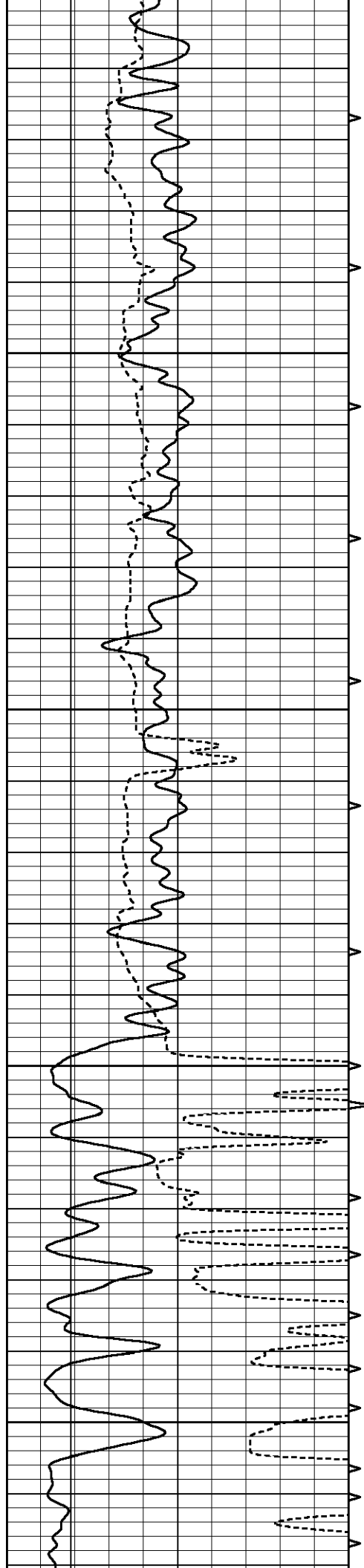
MAIN PASS

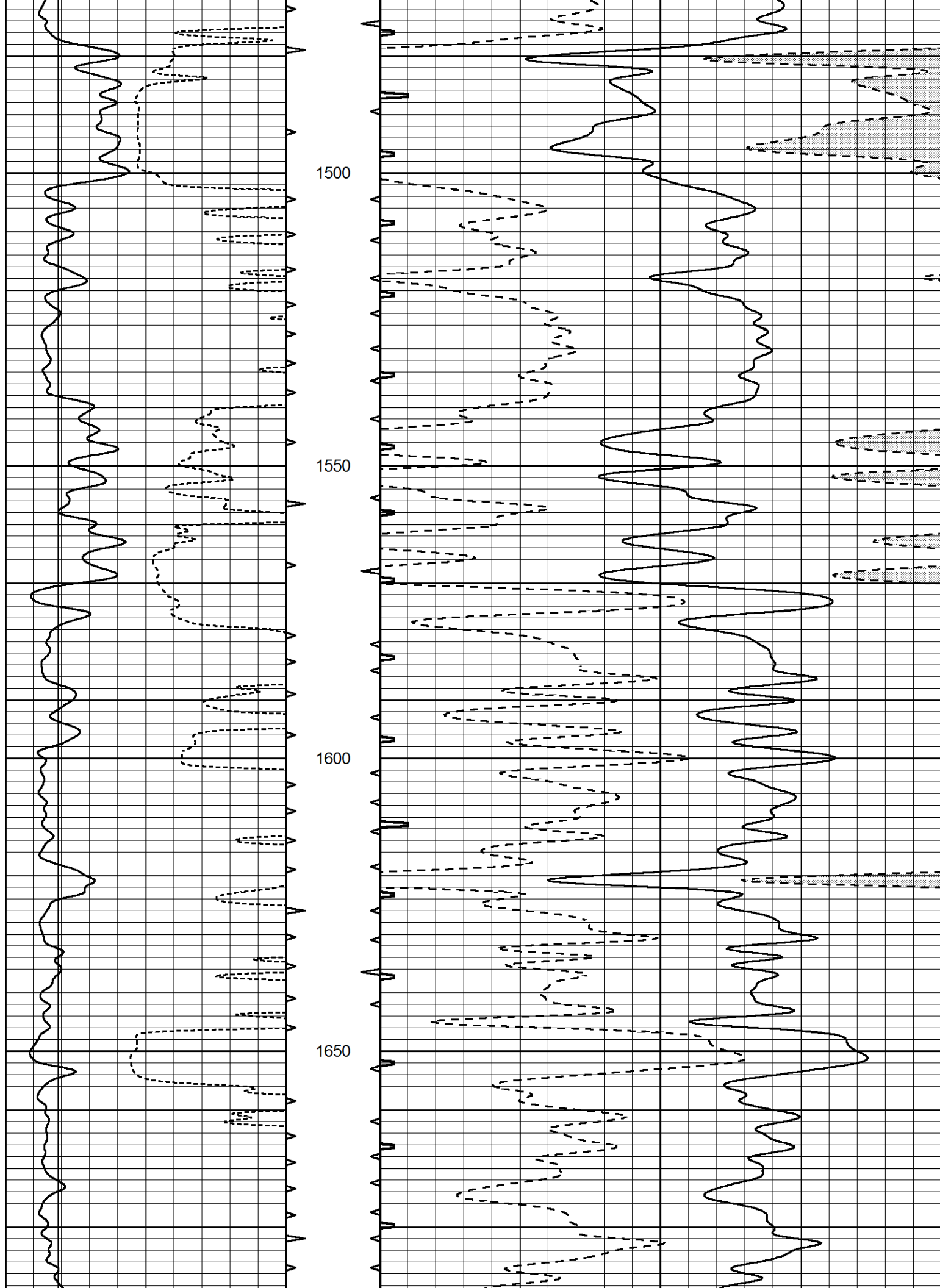
Database File	5868pe.db
Dataset Pathname	pass6.1
Presentation Format	_slt
Dataset Creation	Sun Oct 31 00:38:45 2021
Charted by	Depth in Feet scaled 1:240

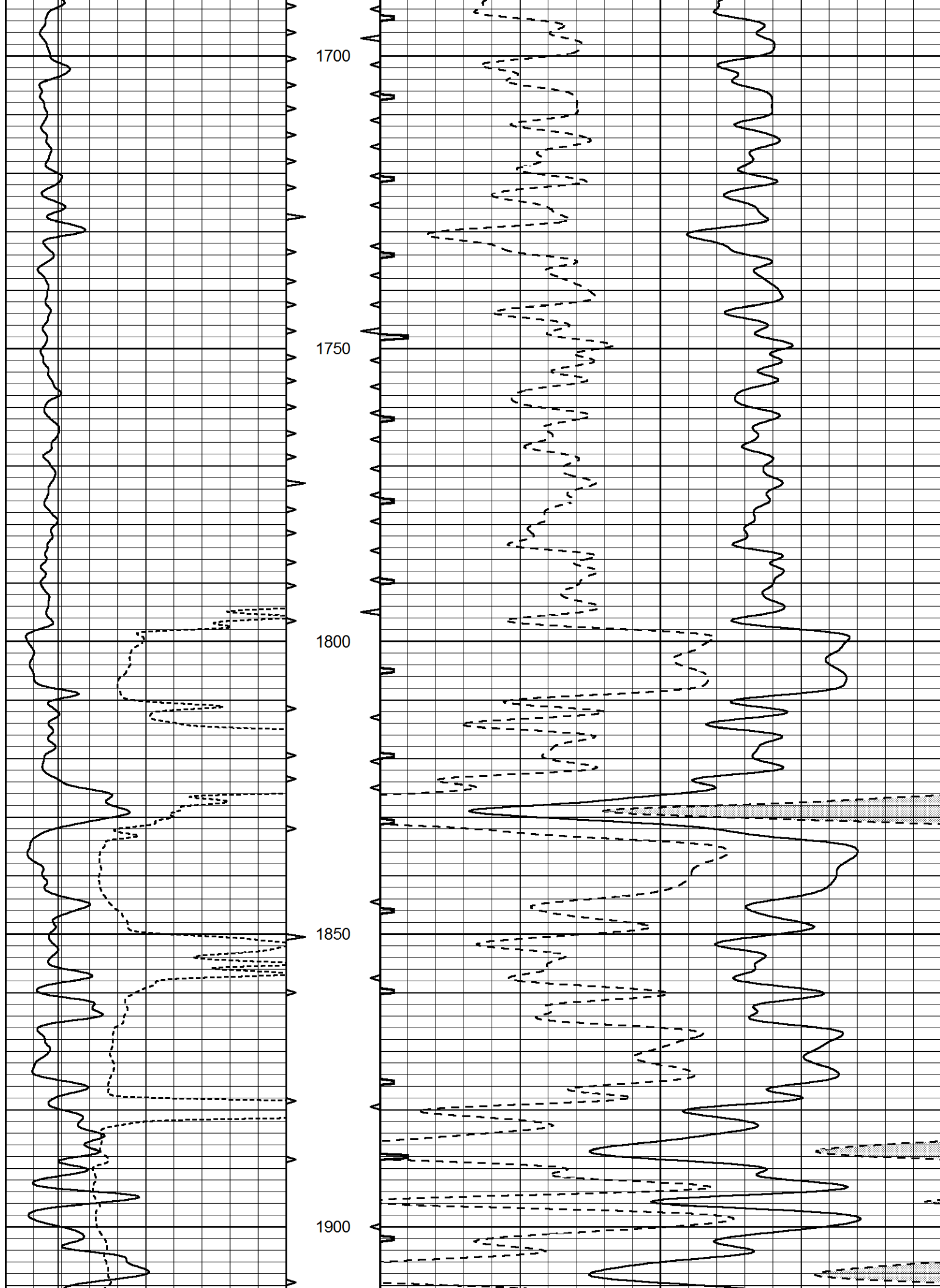
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			

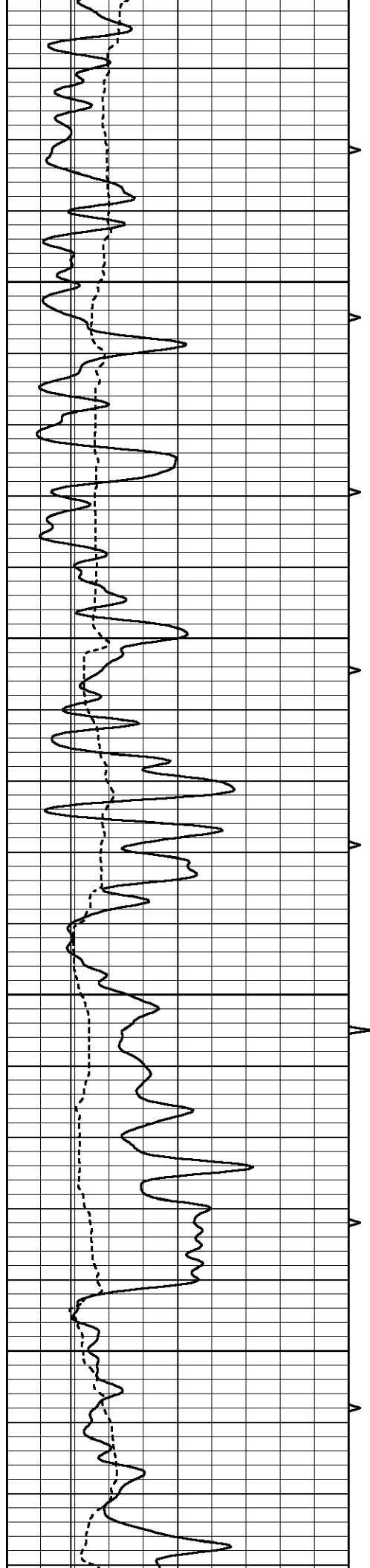










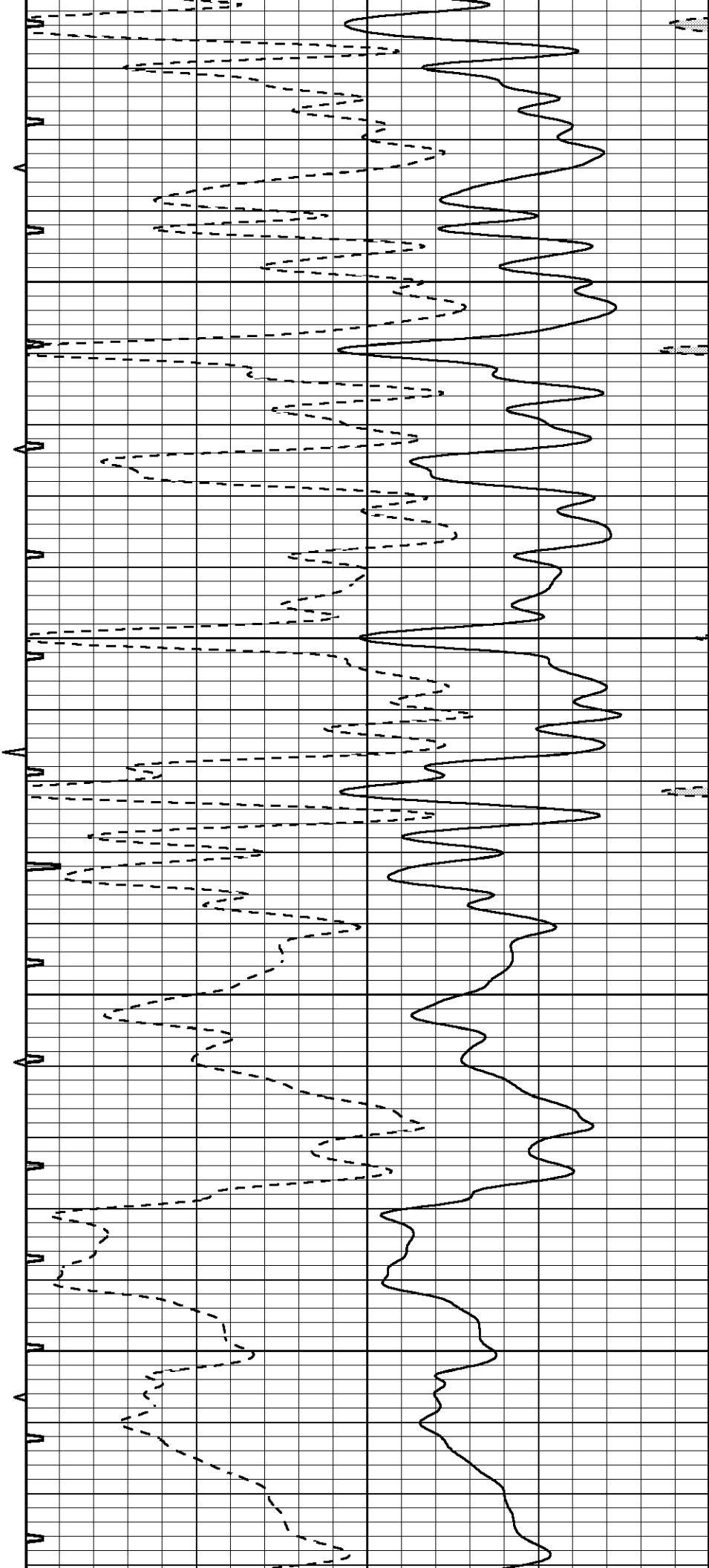


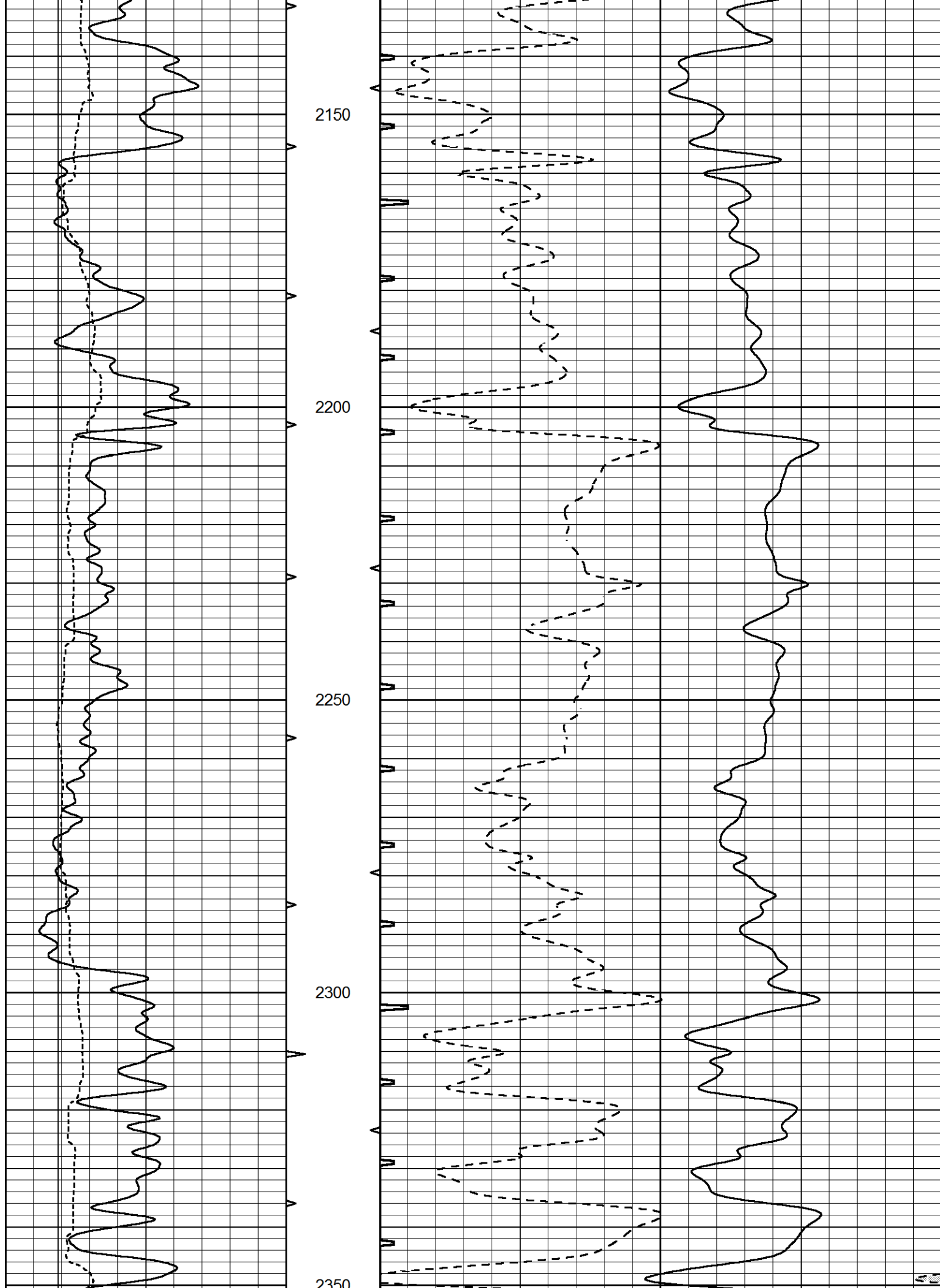
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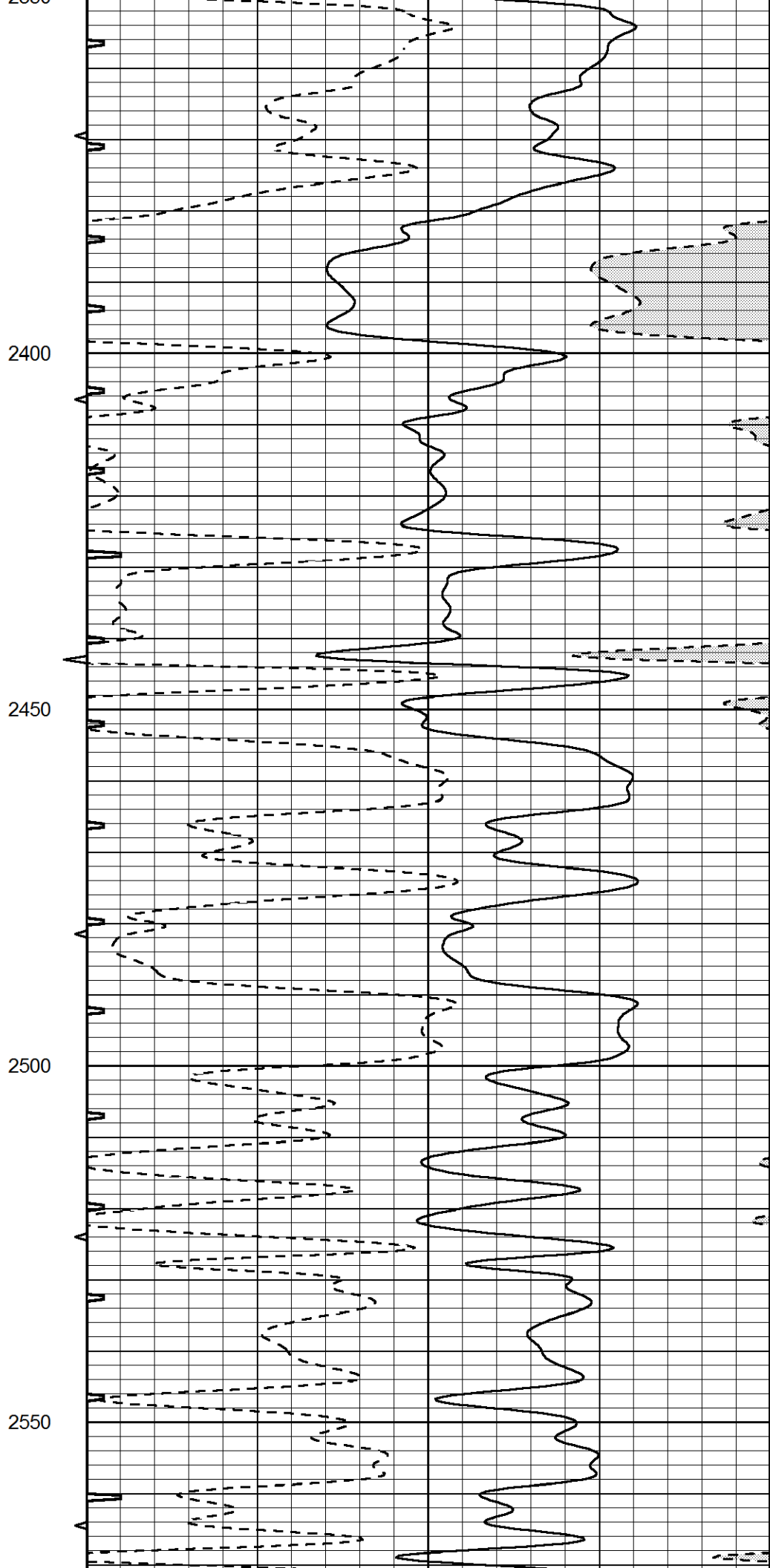
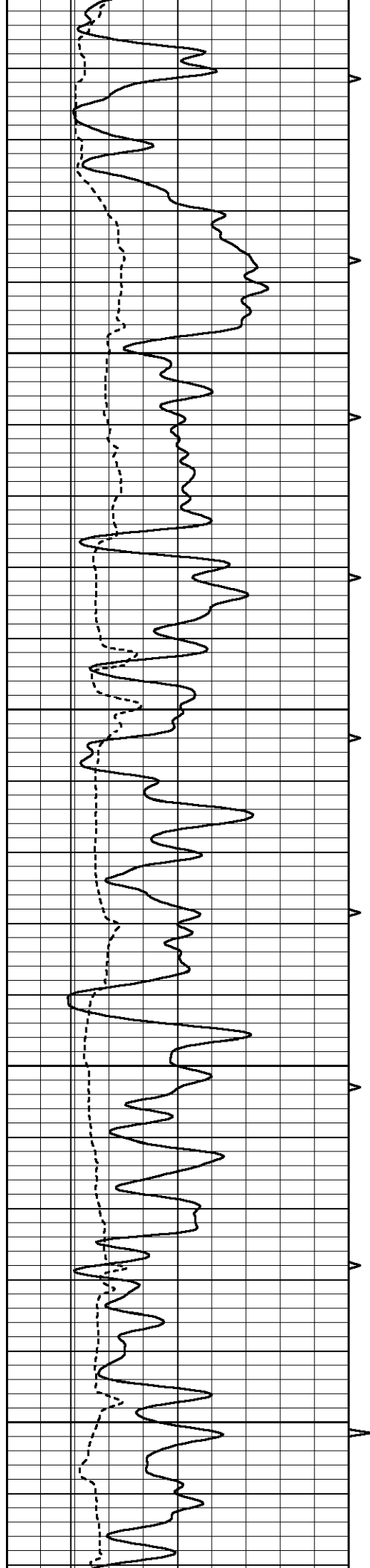
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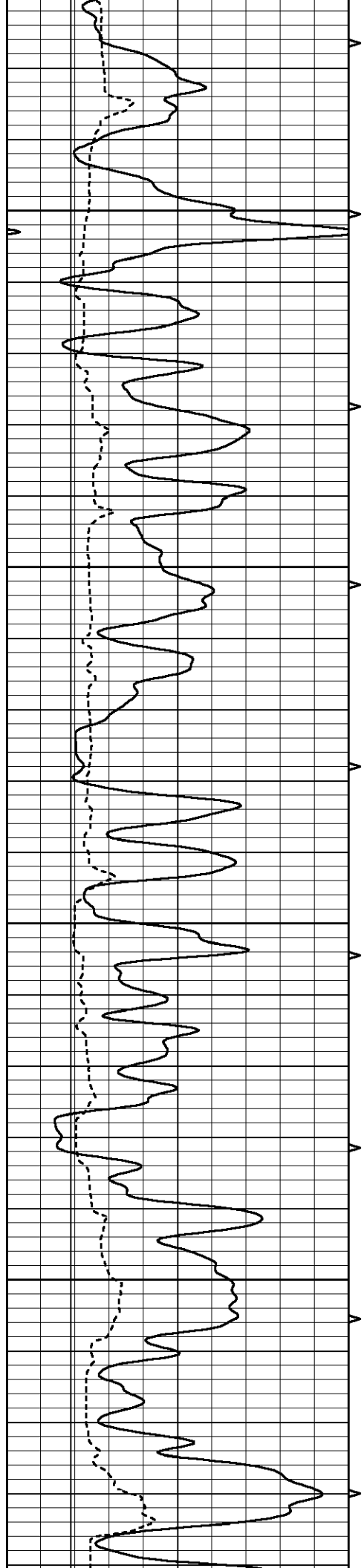
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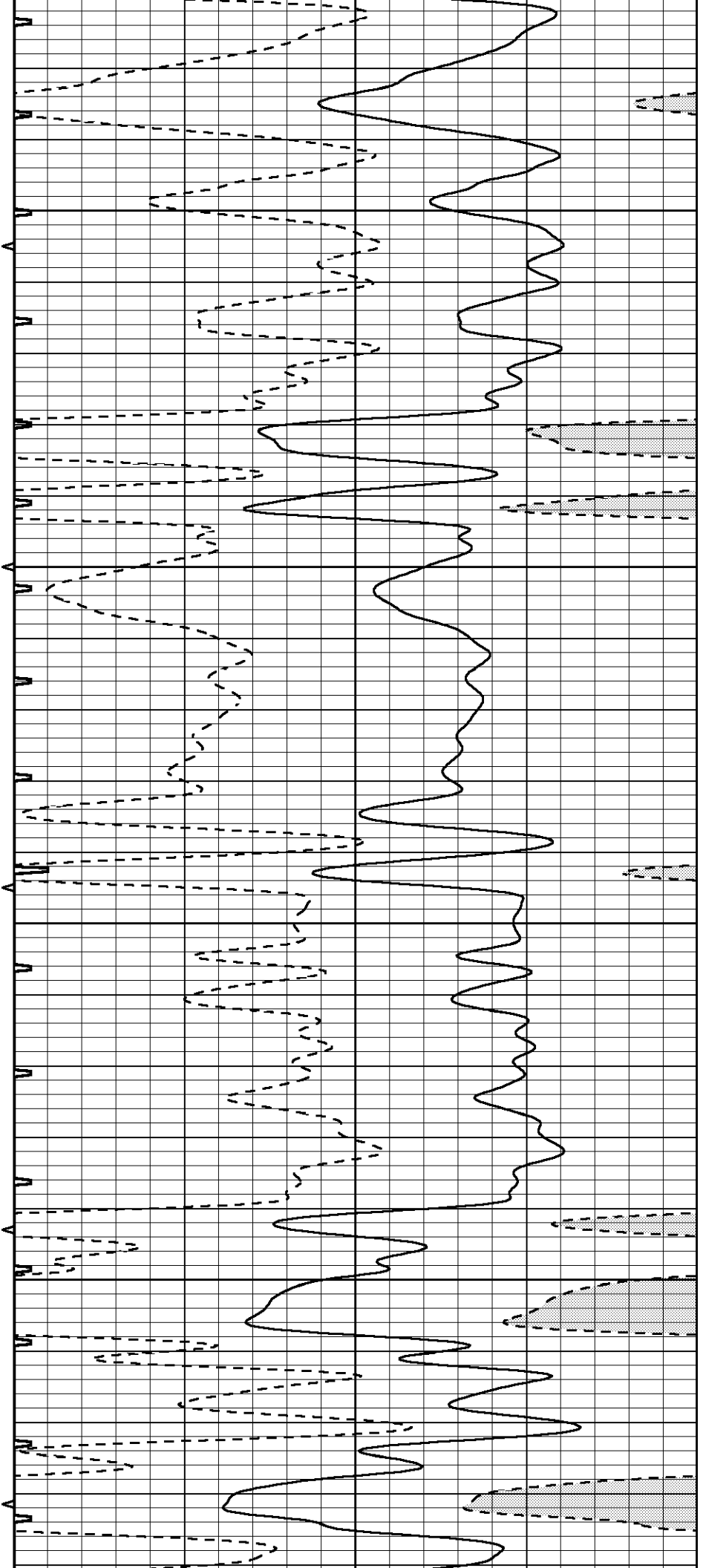


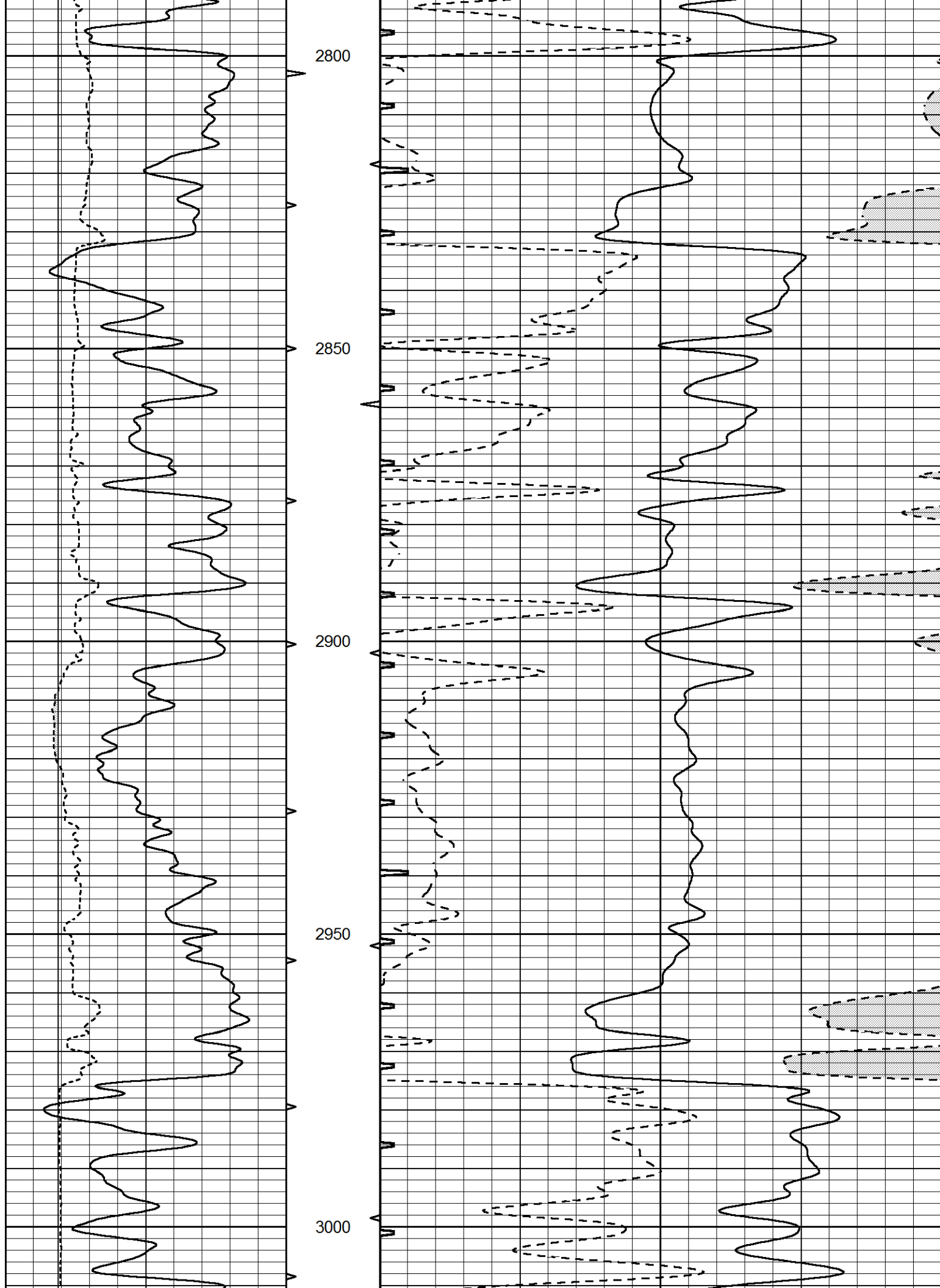
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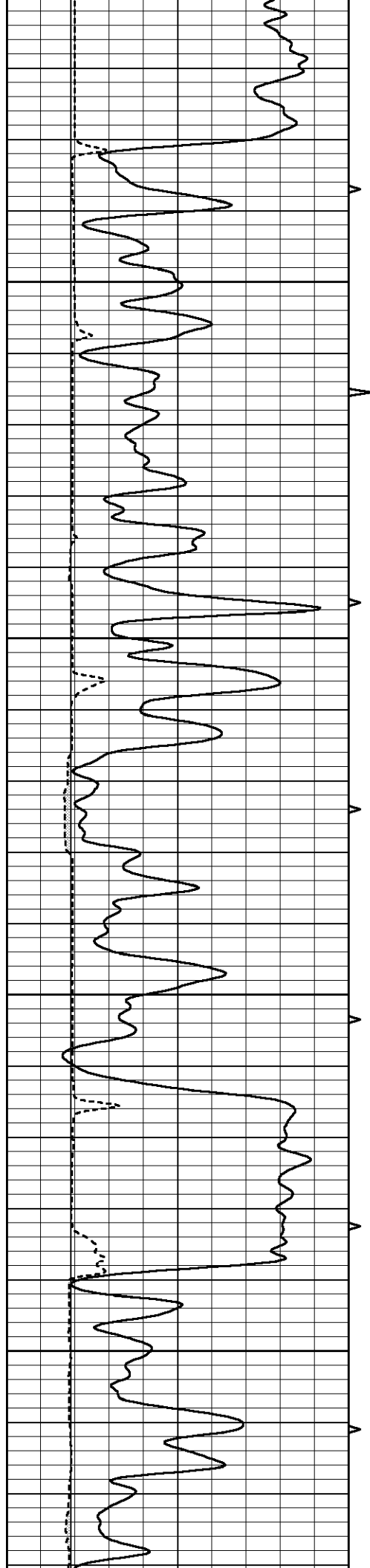
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2700

2750





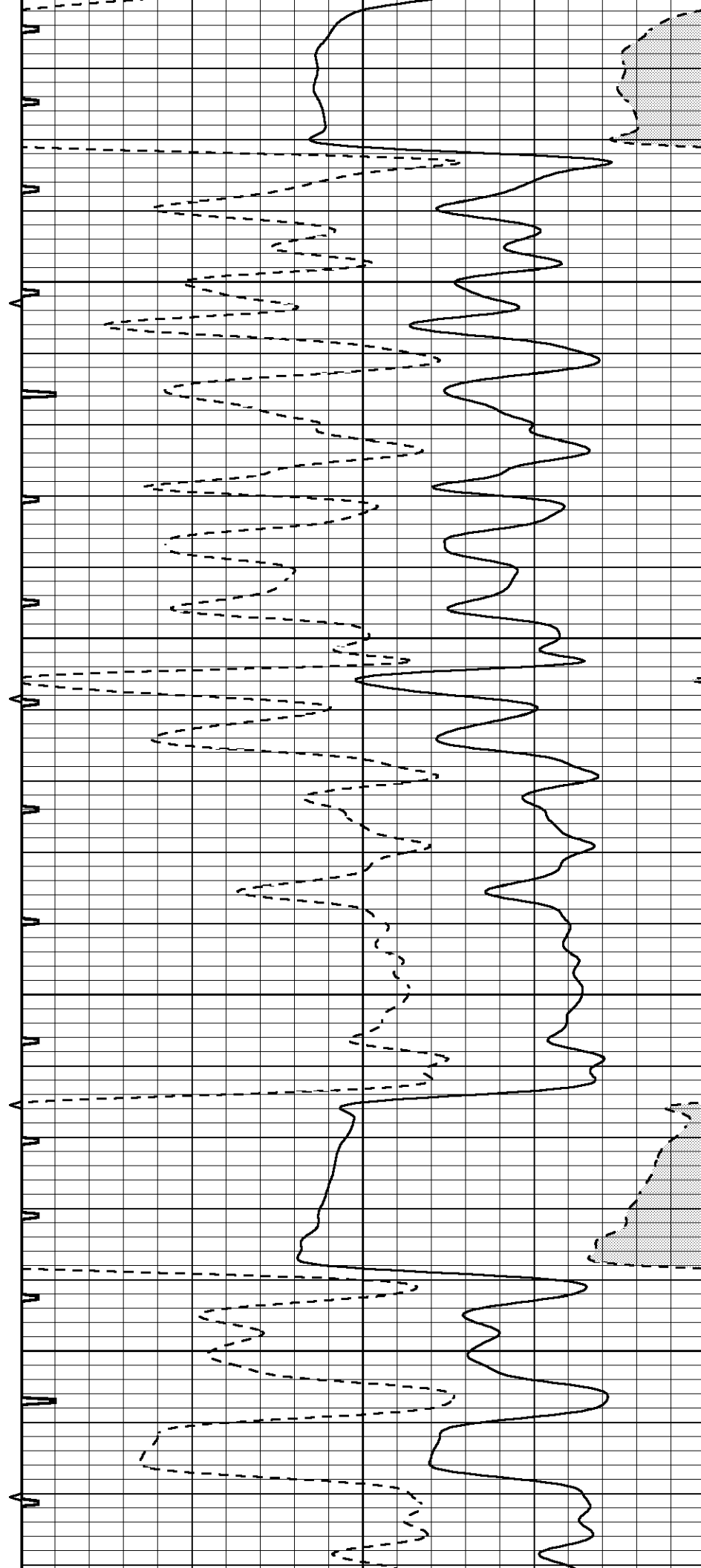


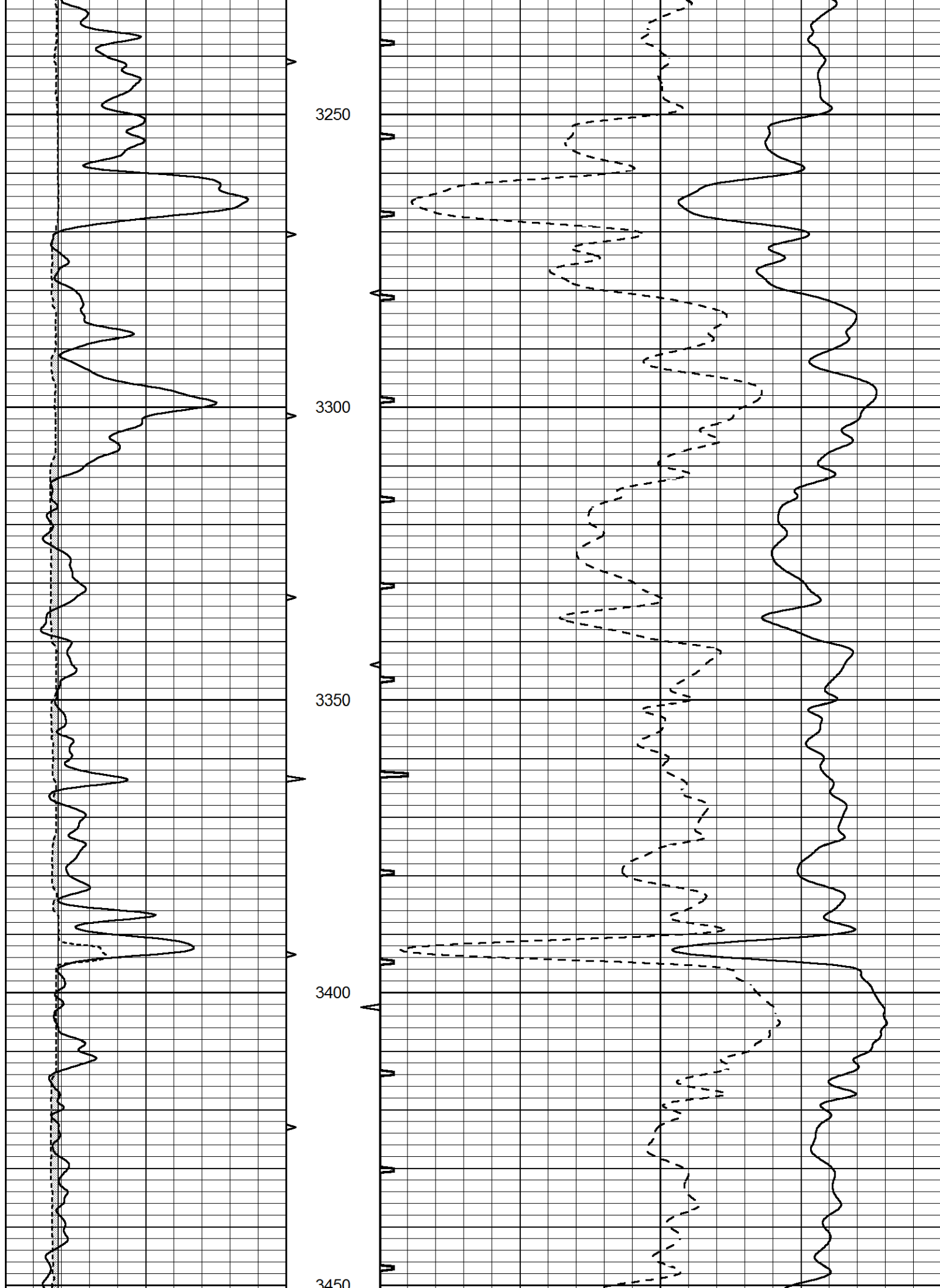
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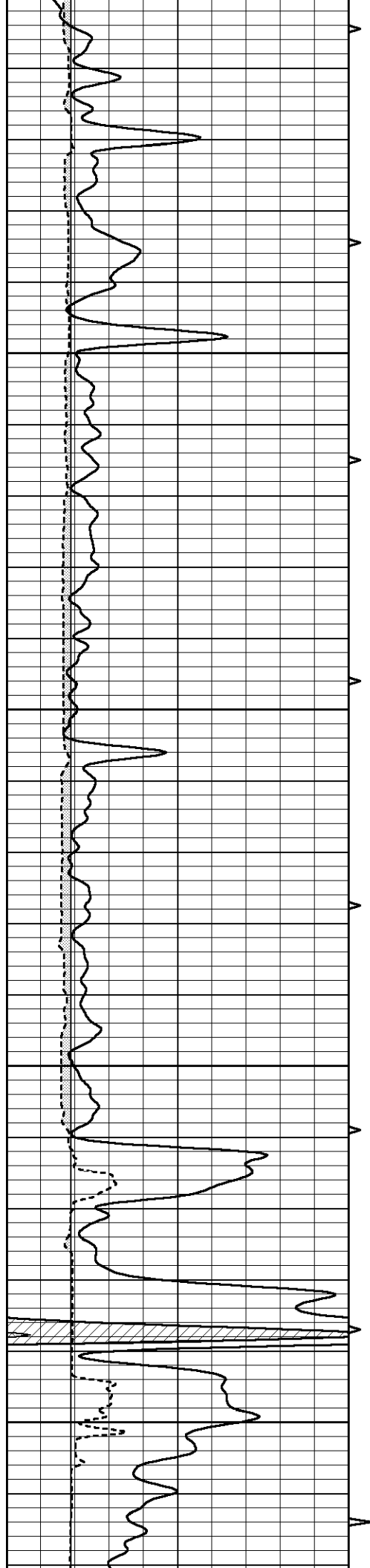
3100

3150

3200





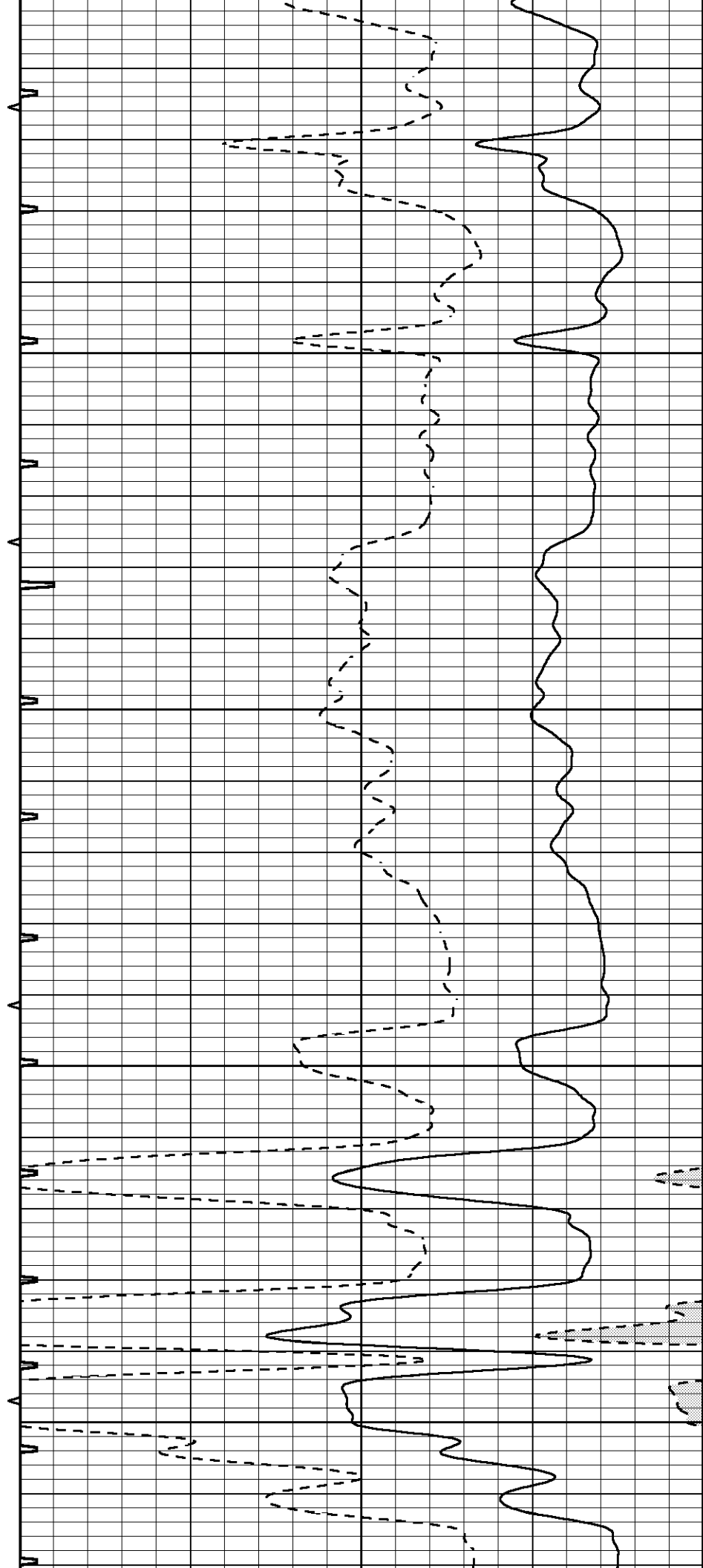


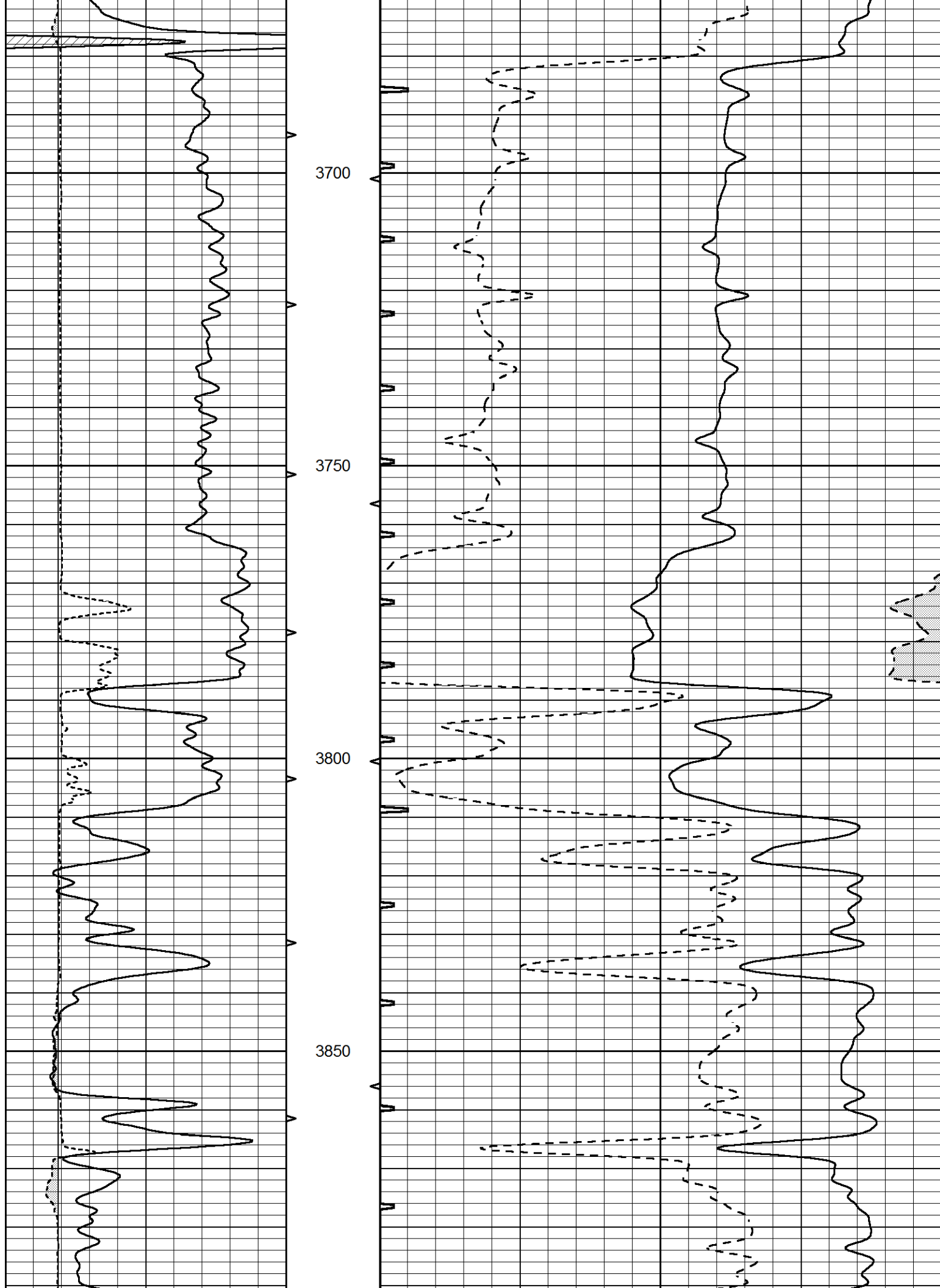
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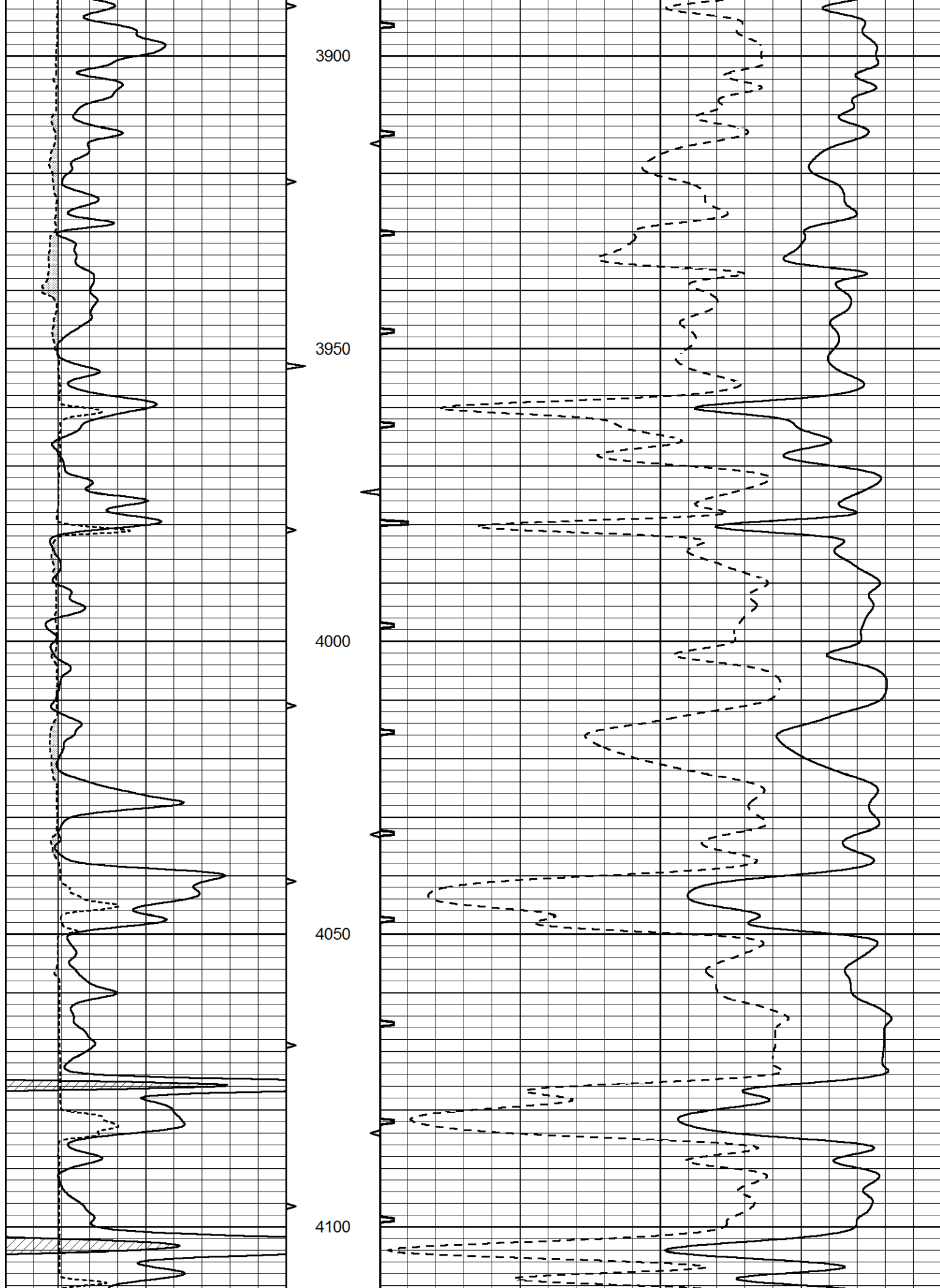
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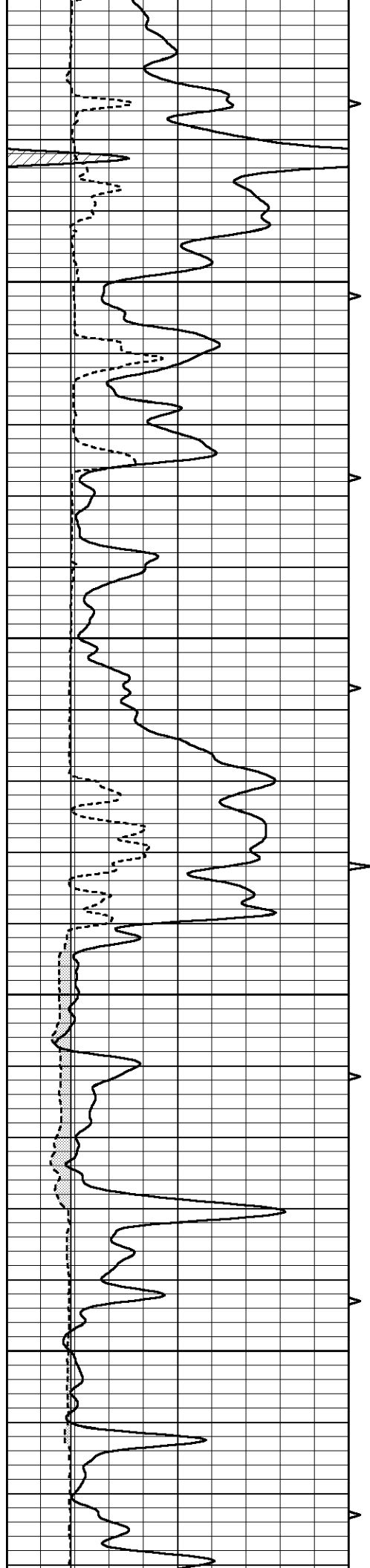
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3650







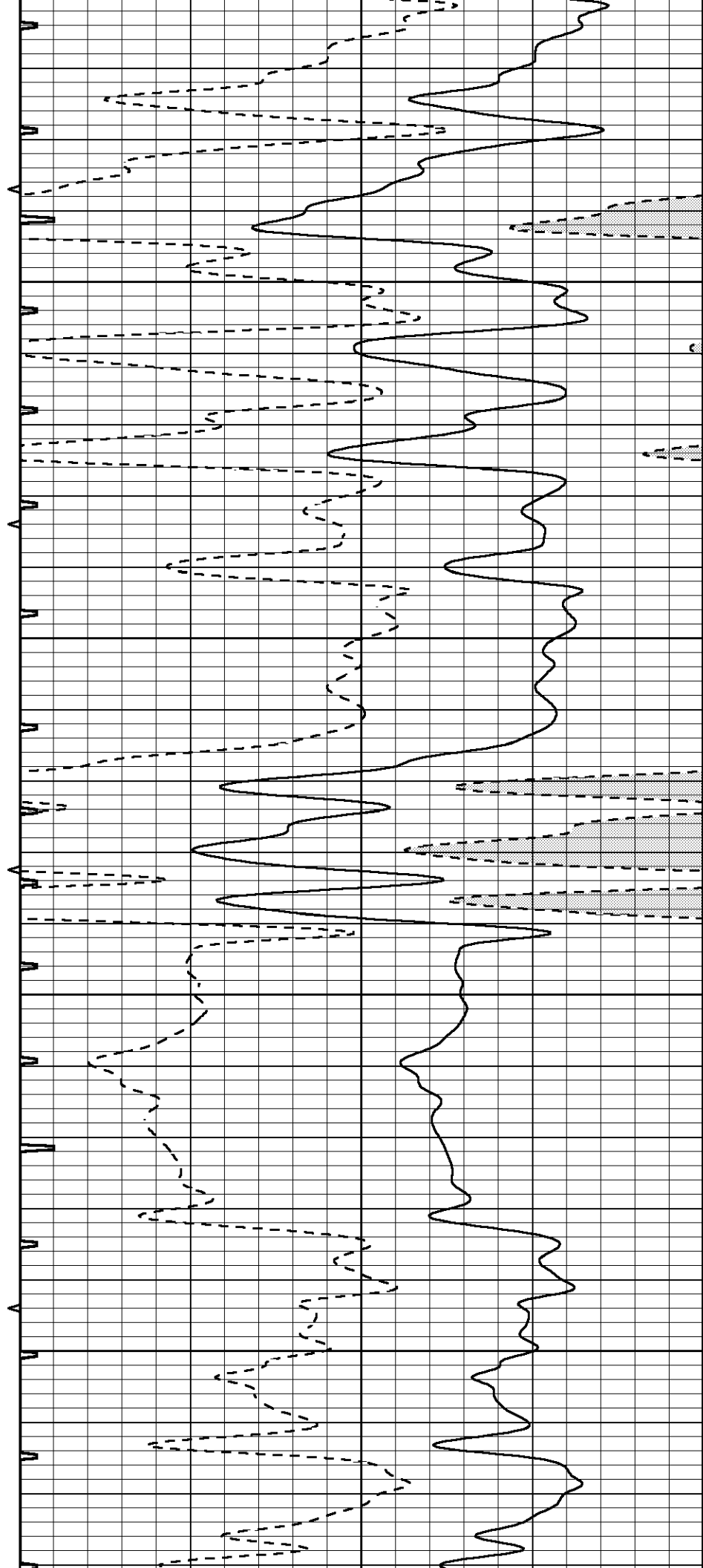


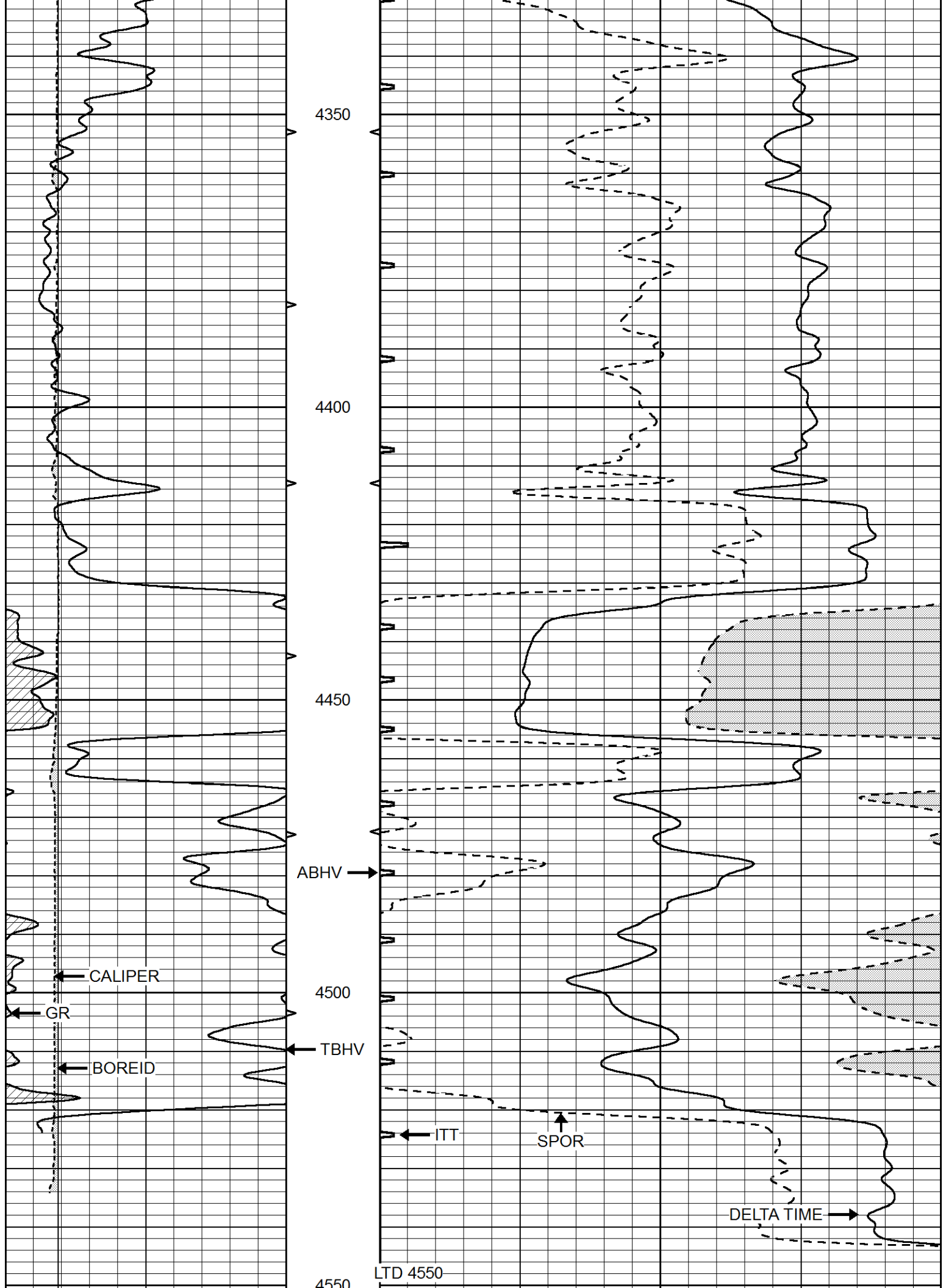
4150

4200

4250

4300





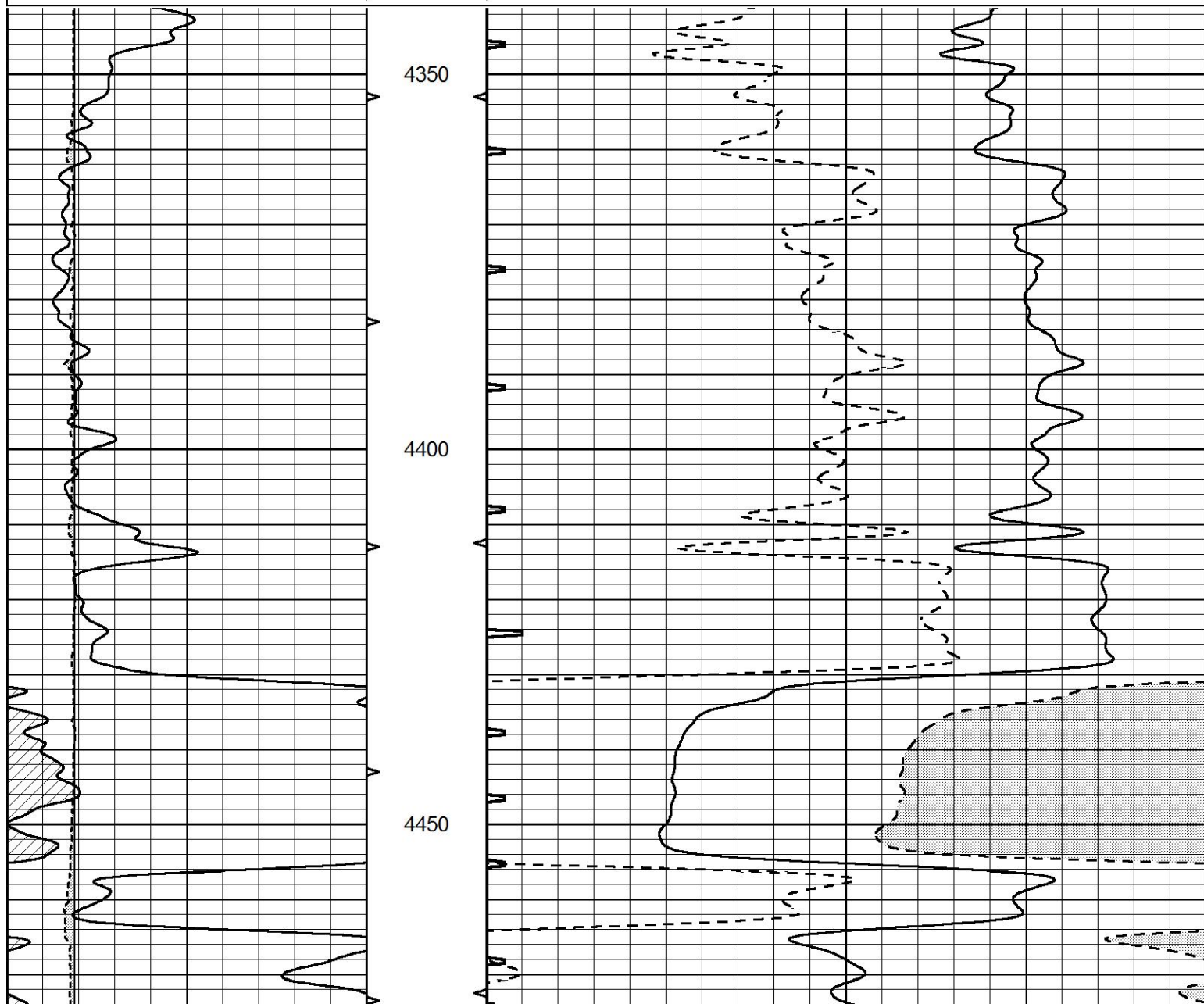
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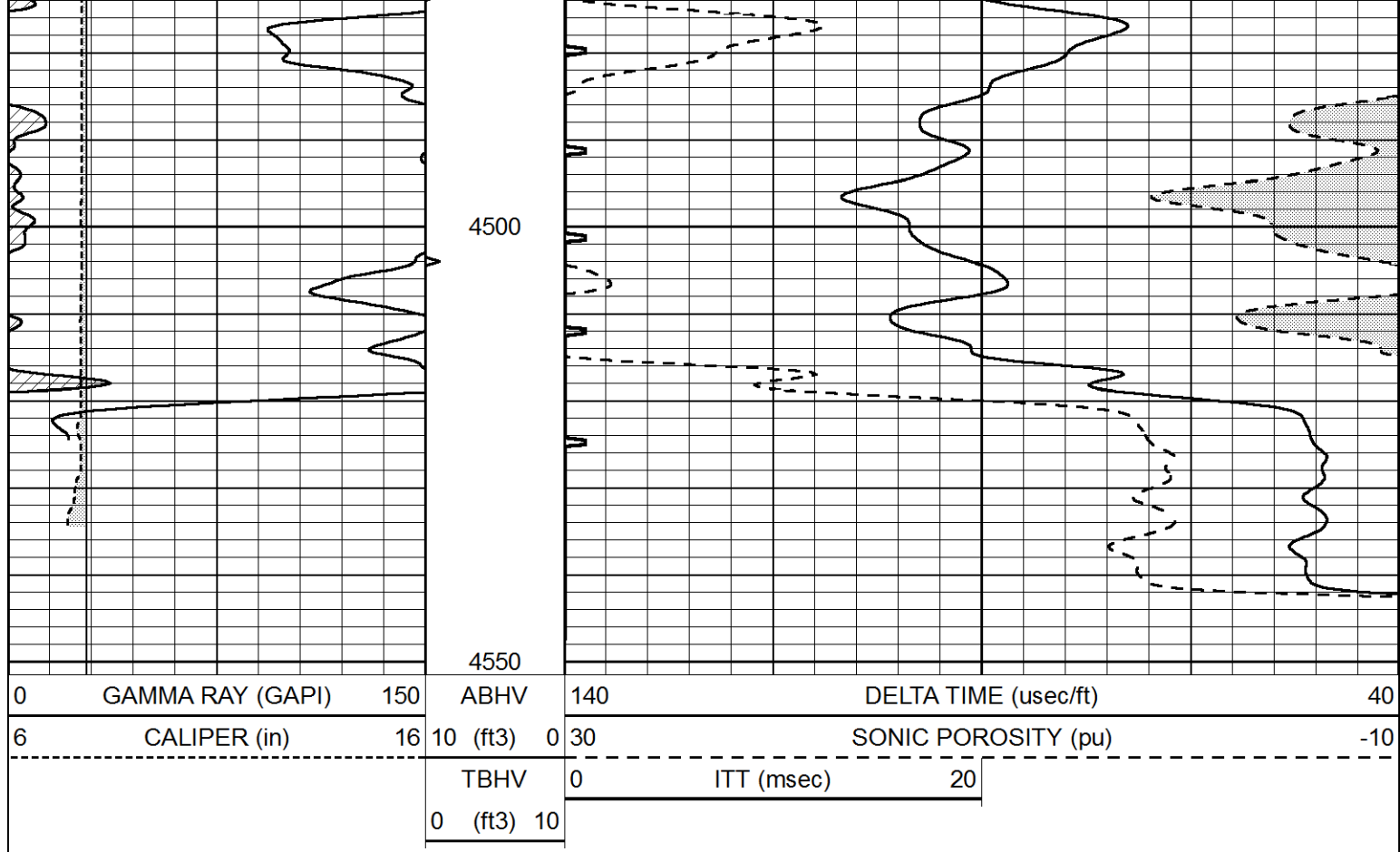


REPEAT SECTION

Database File 5868pe.db
 Dataset Pathname pass5.1
 Presentation Format _slt
 Dataset Creation Sun Oct 31 00:35:18 2021
 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
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			





Calibration Report			
Database File	5868pe.db		
Dataset Pathname	pass5.1		
Dataset Creation	Sun Oct 31 00:35:18 2021		
MICRO_USR Calibration Report			
Serial Number:	070910		
Tool Model:	ProbeL		
Performed:	Wed Oct 13 12:38:16 2021		
Caliper Calibration:	Gain=7.192	Offset=2.702	
	Low Cal	High Cal	
References	8.000	14.000	
Readings	0.723	1.557	
1.5" Calibration:	Gain=105.000	Offset=-0.567	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.004	1.335	
2" Calibration:	Gain=125.000	Offset=0.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.004	1.029	
Microlog Calibration Report			
Serial-Model:	070910-ProbeL		
Performed:	(Not Performed)		
Readings	References	Results	

	Zero	Cal		Zero	Cal		m	b
Normal	0.0000	1.0000	V	0.0000	1.0000	Ohm-m	1.0000	0.0000
Inverse	0.0000	1.0000	V	0.0000	1.0000	Ohm-m	1.0000	0.0000
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000

Gamma Ray Calibration Report								
Serial Number:			070558					
Tool Model:			Probe1					
Performed:			Fri Oct 30 21:32:56 2020					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.2700		GAPI/cps			