



COMPENSATED DENSITY/NEUTRON PE LOG

Company	PRATER OIL & GAS OPERATIONS	Company	PRATER OIL & GAS OPERATIONS
Well	HOWELL UNIT #1-2	Well	HOWELL UNIT #1-2
Field	UNNAMED	Field	UNNAMED
County	PRATT	County	PRATT
State	KANSAS	State	KANSAS
Location:	API # : 15-151-22595-0000	Other Services	DILMEL SONIC
Permanent Datum	GROUND LEVEL	Elevation	2005
Log Measured From	KELLY BUSHING 11' A.G.L	K.B. 2016	
Drilling Measured From	KELLY BUSHING	D.F. 2014	
		G.L. 2005	
SEC 2	TWP 29S	RGE 14W	
895' FSL & 1200' FWL			
SE - NE - SW - SW			
7/6/24	ONE		
Run Number	ONE		
Depth Driller	4725		
Depth Logger	4726		
Bottom Logged Interval	4702		
Top Log Interval	2000		
Casing Driller	8.675@433		
Casing Logger	433		
Bit Size	7.785		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,700 PPM	
Density / Viscosity	9.4/55		
pH / Fluid Loss	11.0/9.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.95@79F		
Rmf @ Meas. Temp	1.46@79F		
Rmc @ Meas. Temp	2.34@79F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.25@123F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	2:30 A.M.		
Maximum Recorded Temperature	123F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	SCOTT ALBERG		

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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.

15-151-22595-0000

Comments

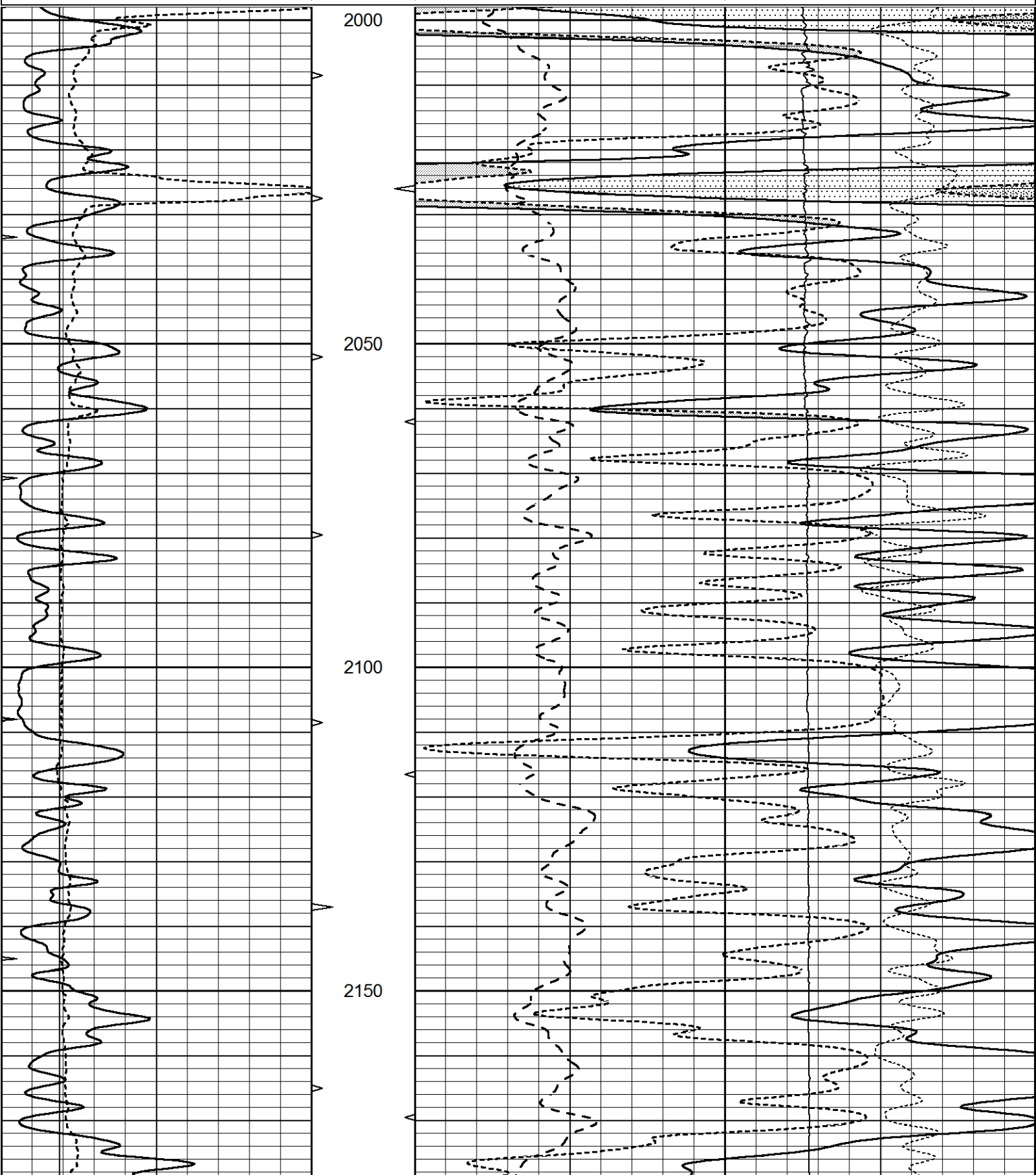
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395
DIRECTIONS
COATS, KS., 2N. ON "50TH AVE." TO "70TH ST.", 1/2E., N. INTO

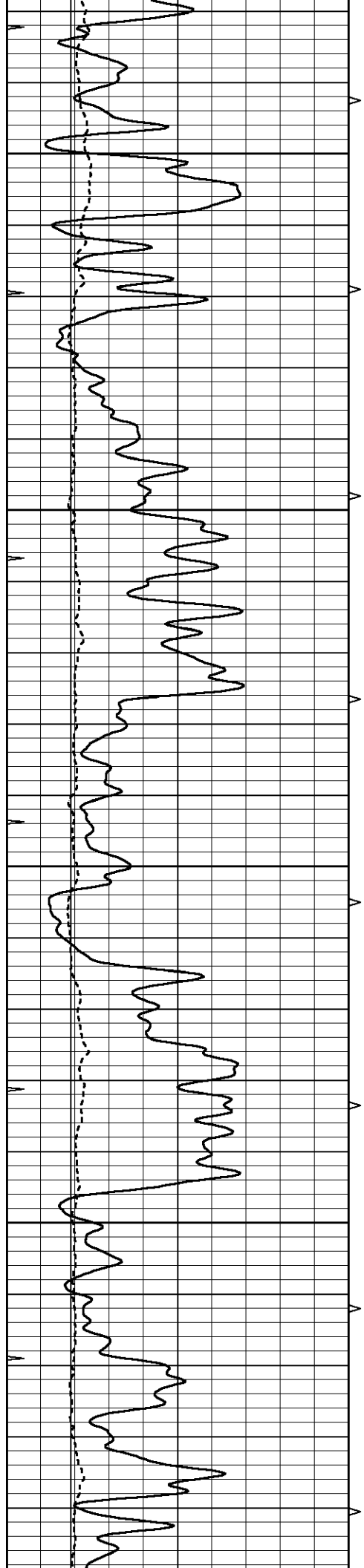


MAIN SECTION

Database File	8641pe.db
Dataset Pathname	pass3.2M
Presentation Format	_ldt_neu
Dataset Creation	Sat Jul 06 05:23:12 2024
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV	0	PE	10
			0 (ft3)	10	-0.25	CORRECTION (g/cc)
					0	LTEN (lb)
						5000



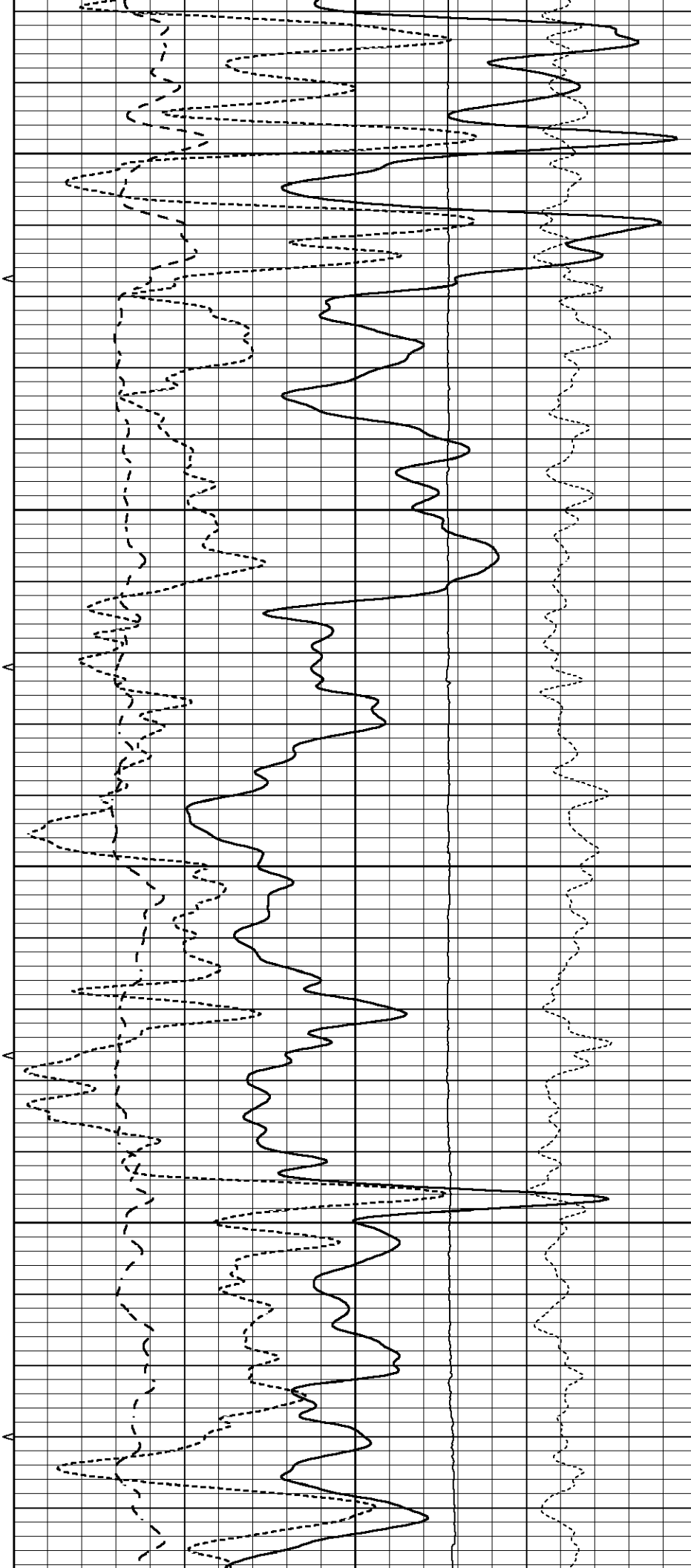


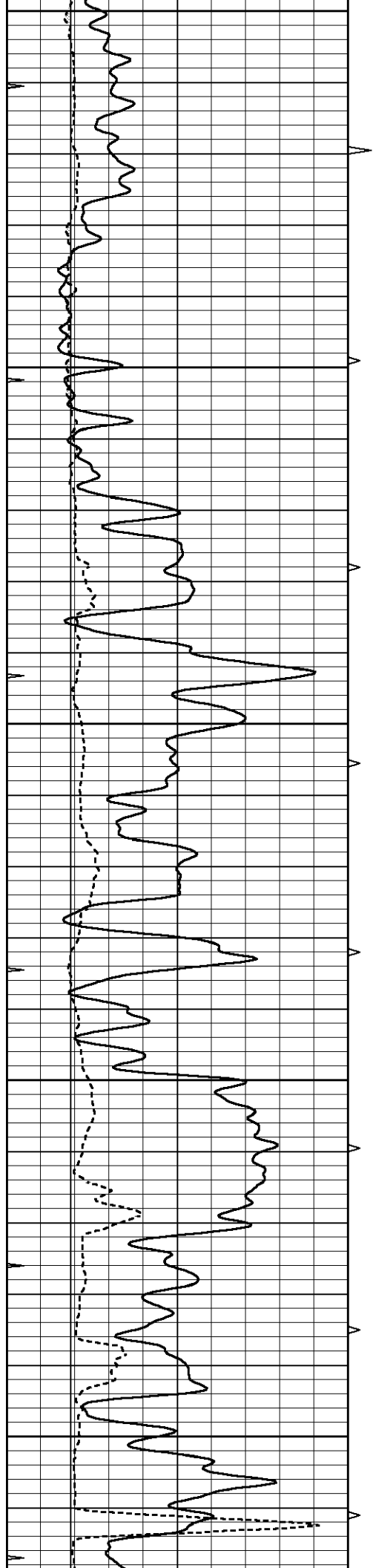
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2250

2300

2350





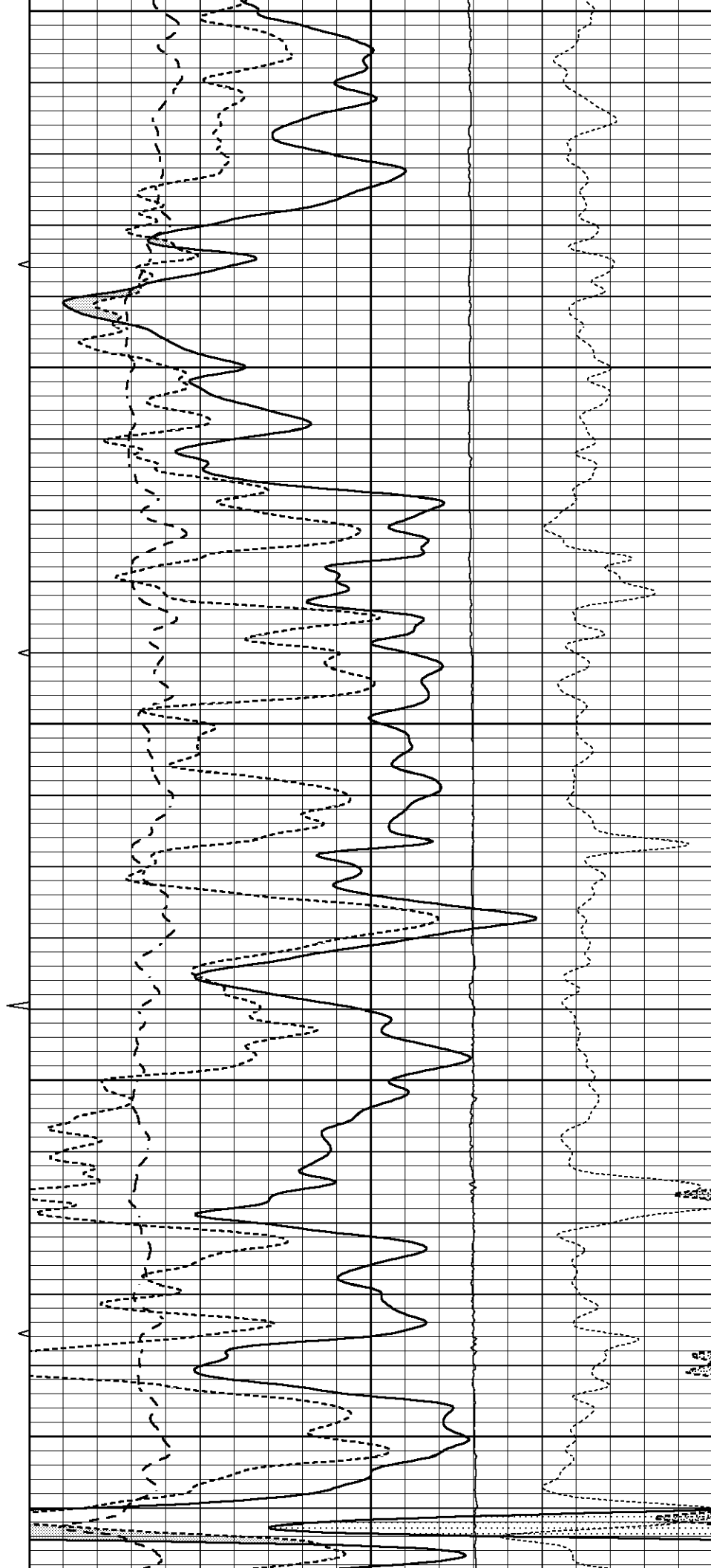
2400

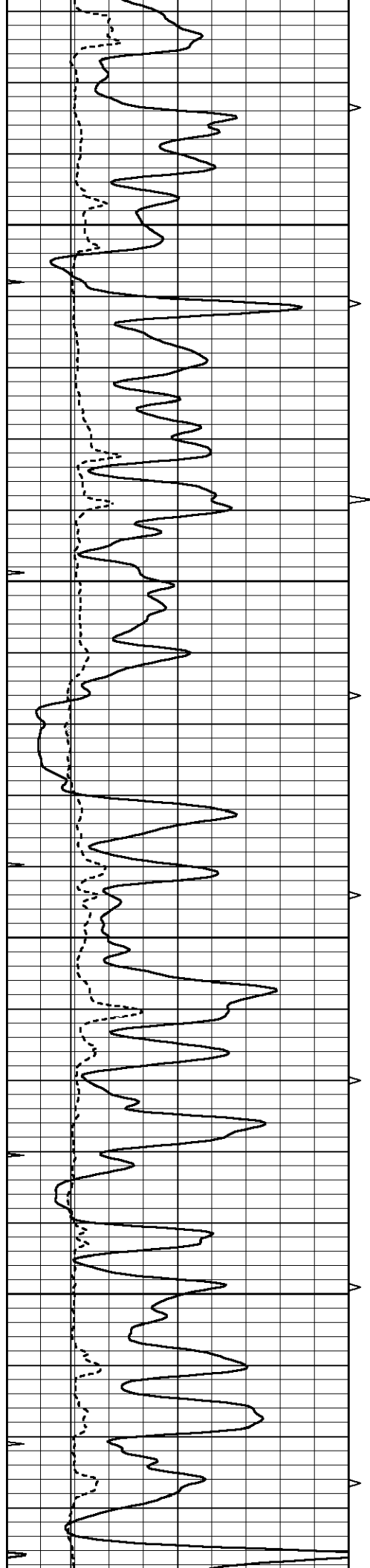
2450

2500

2550

2600



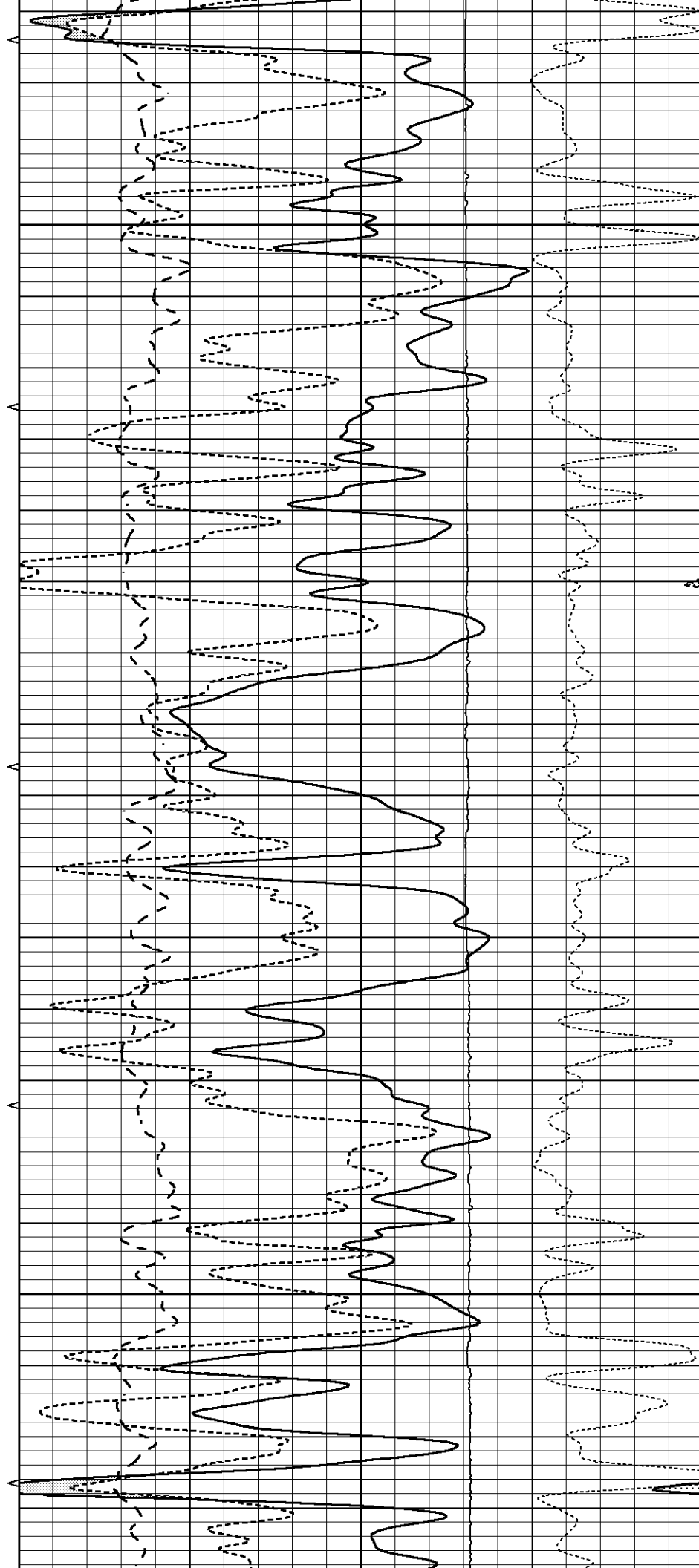


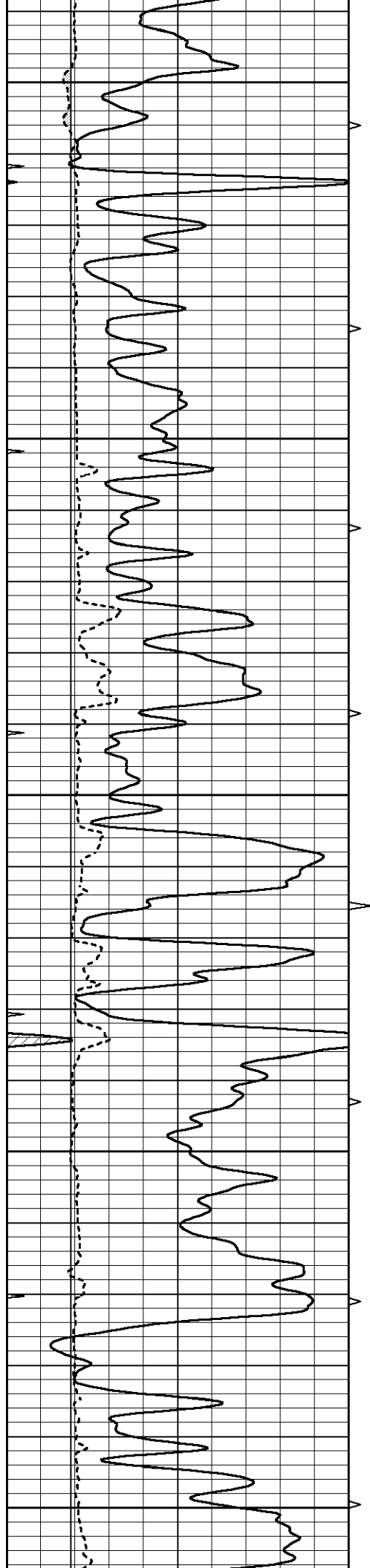
2650

2700

2750

2800





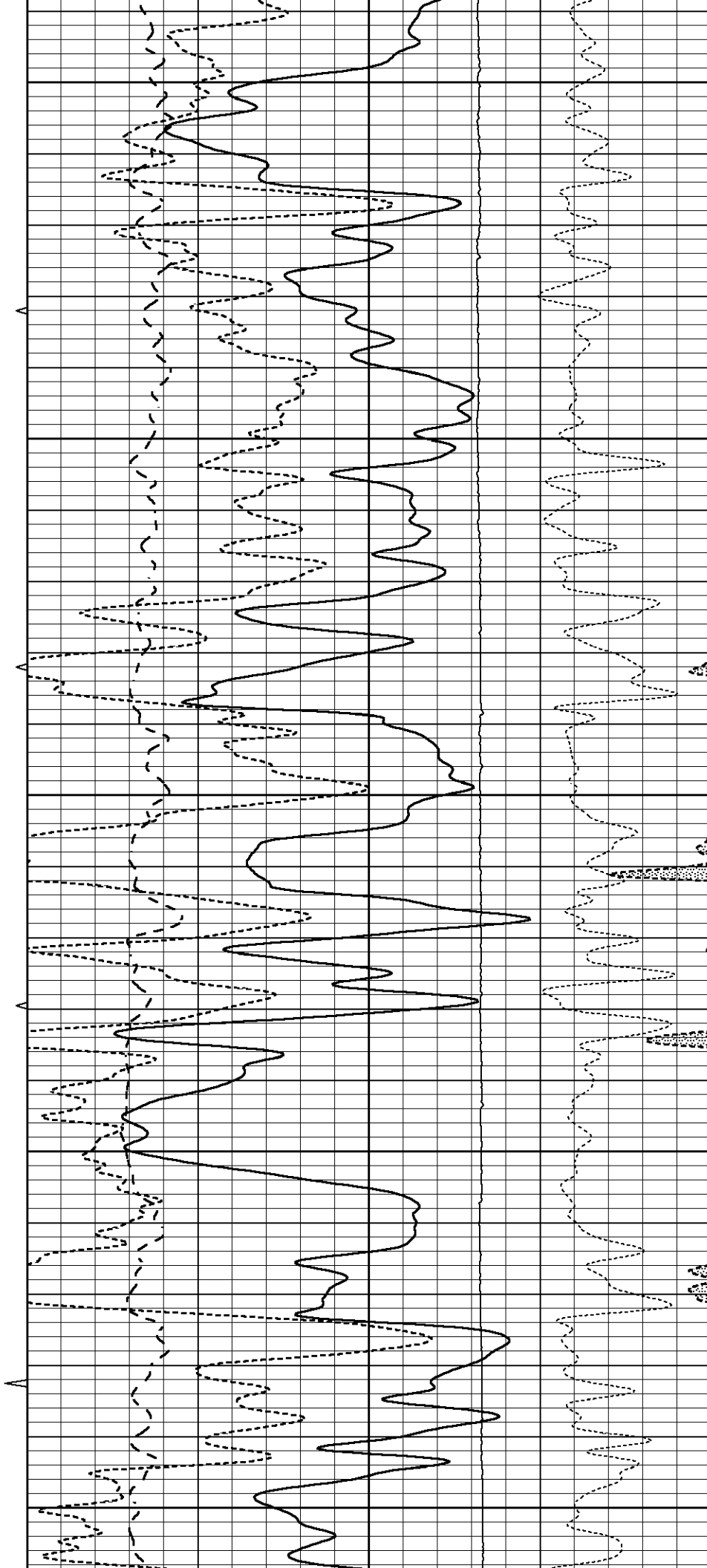
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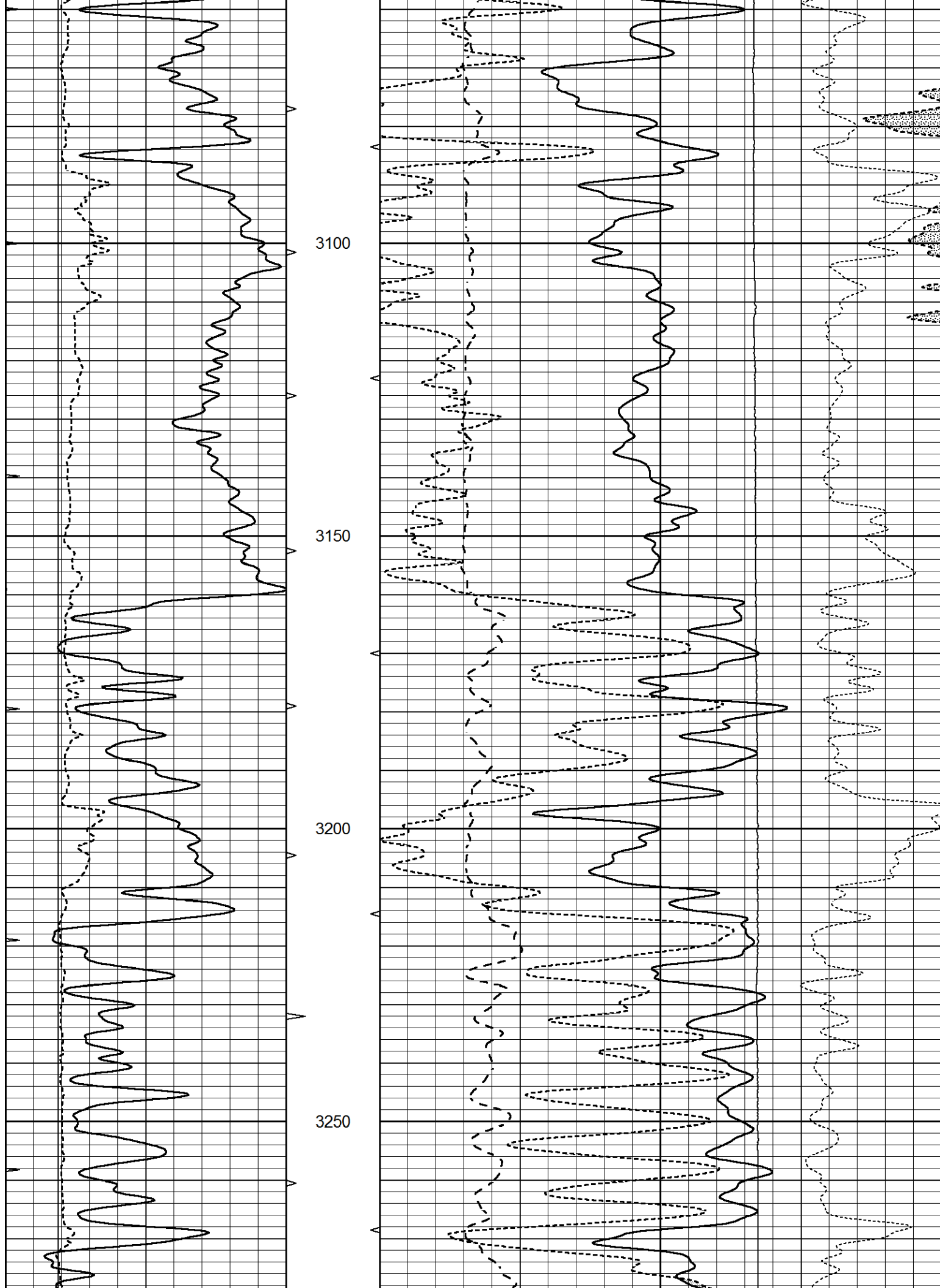
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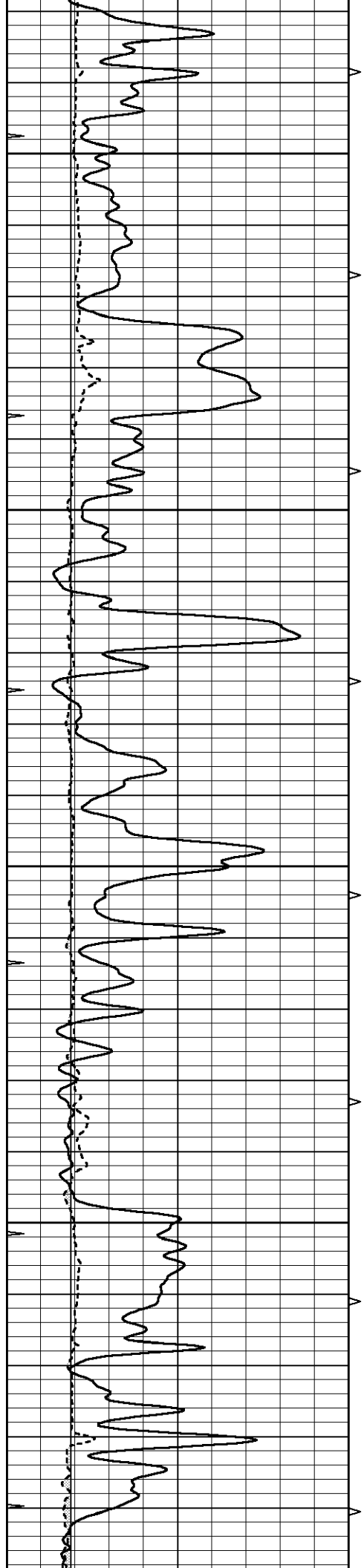
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3000

3050





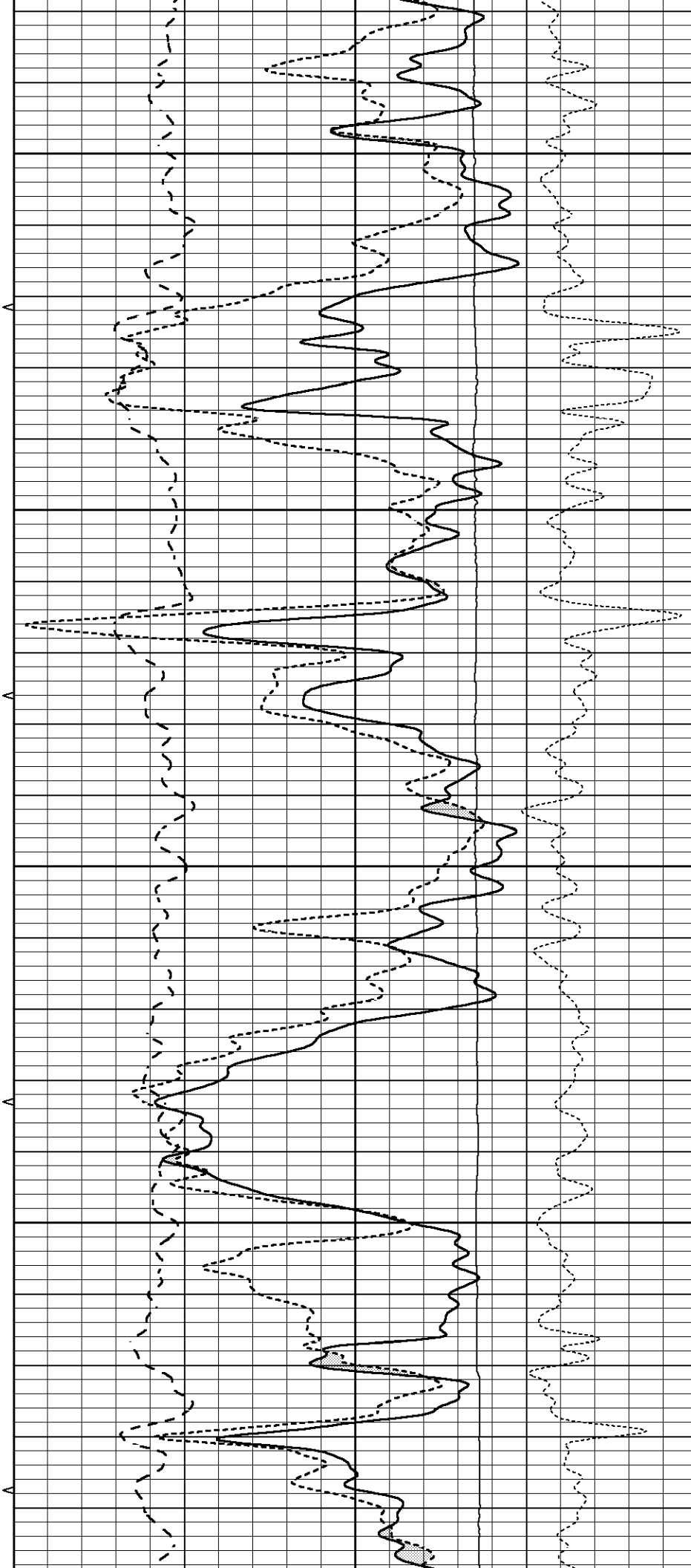


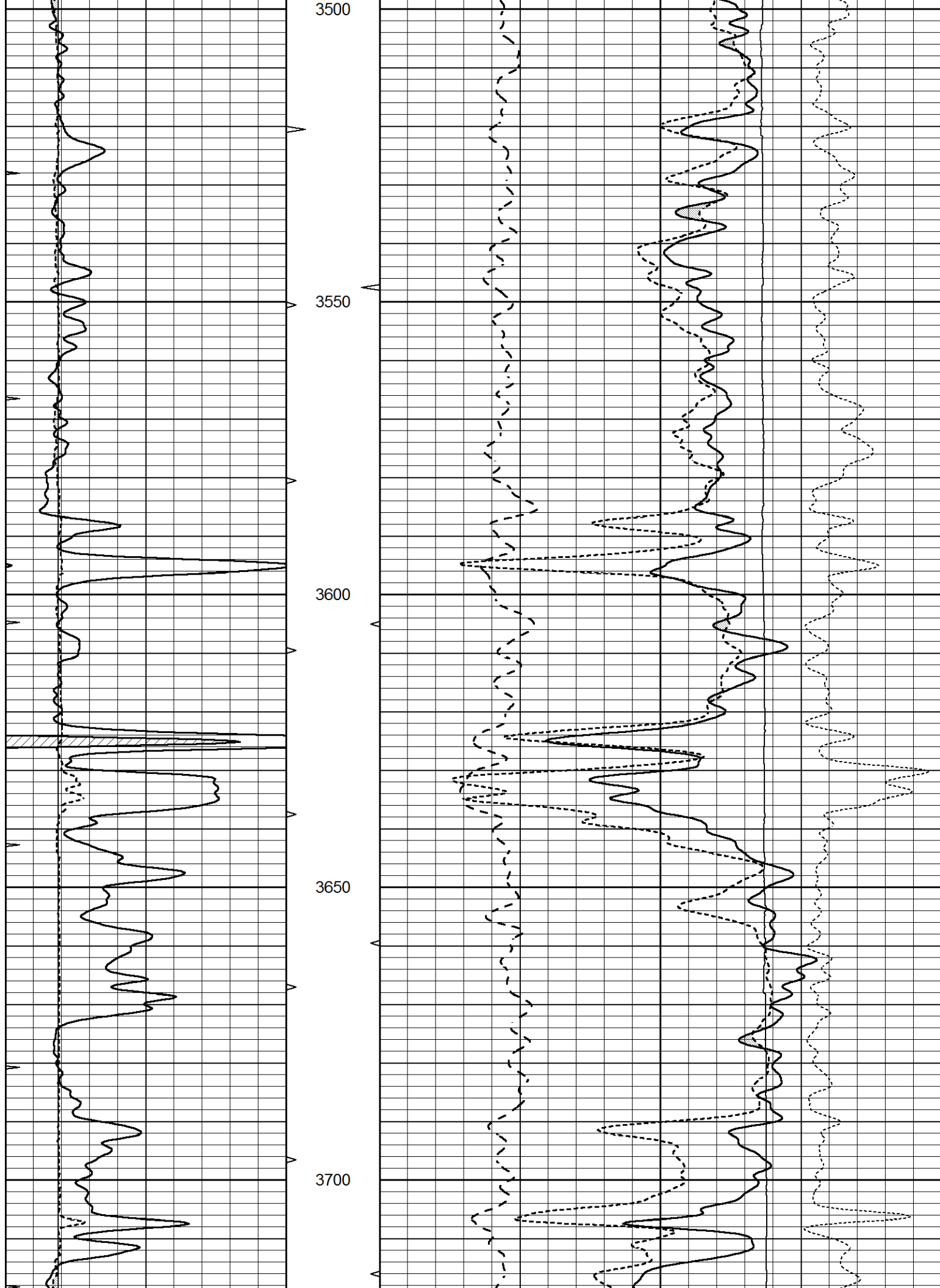
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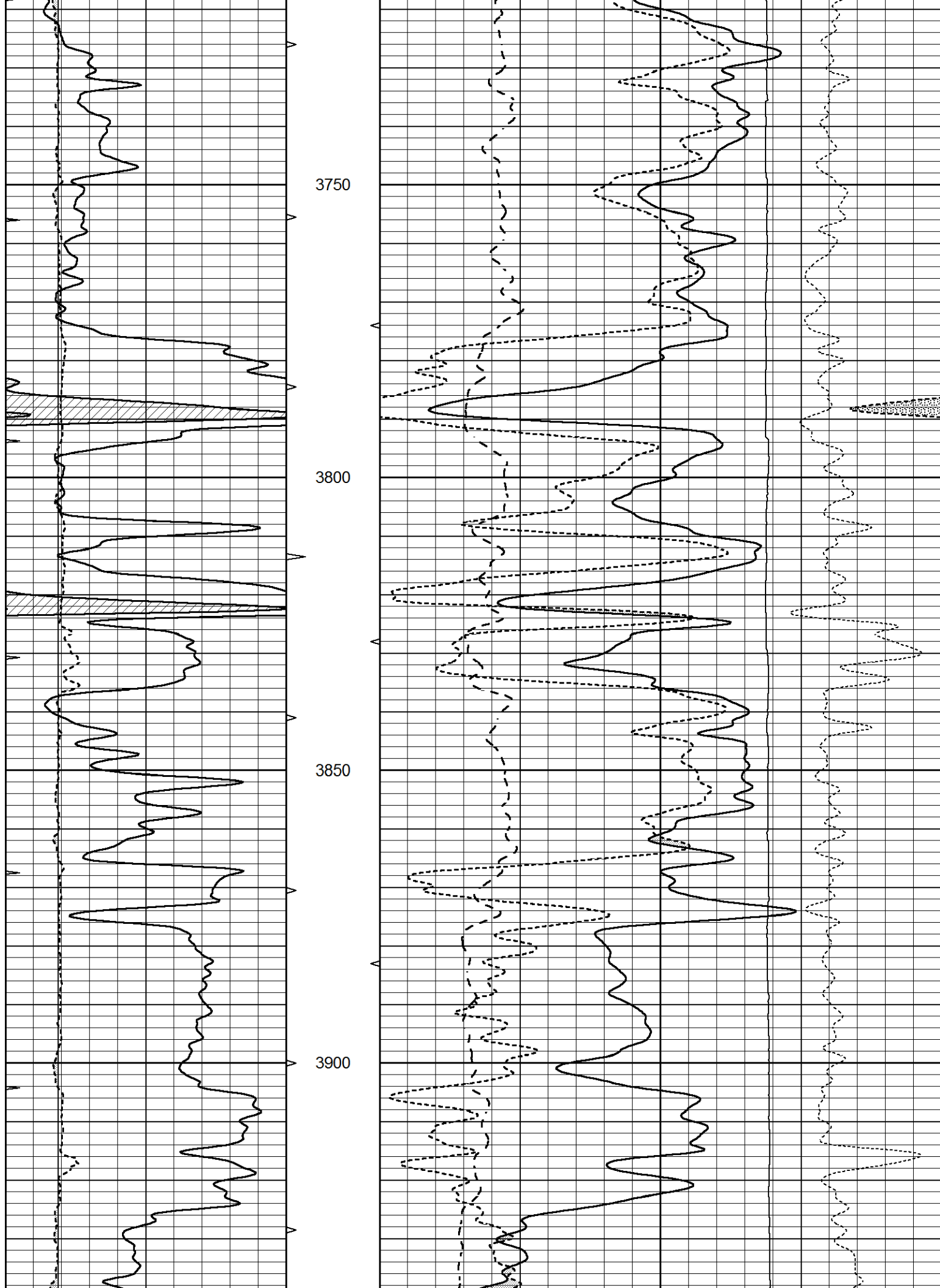
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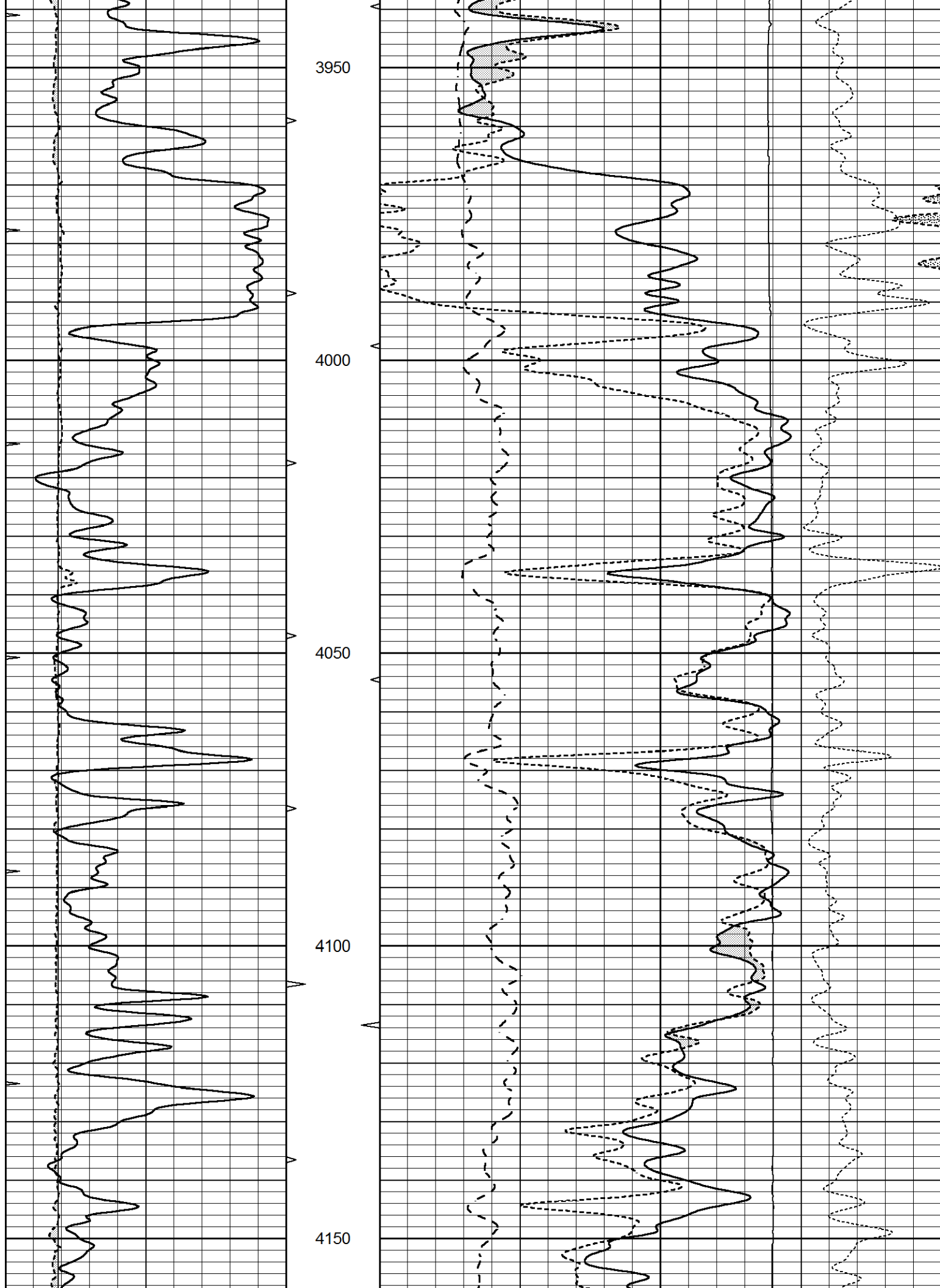
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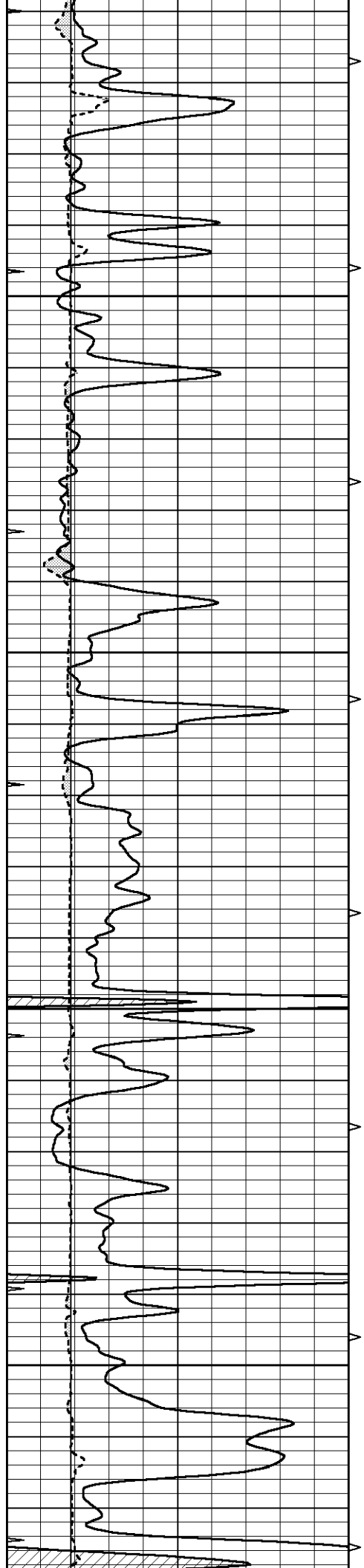
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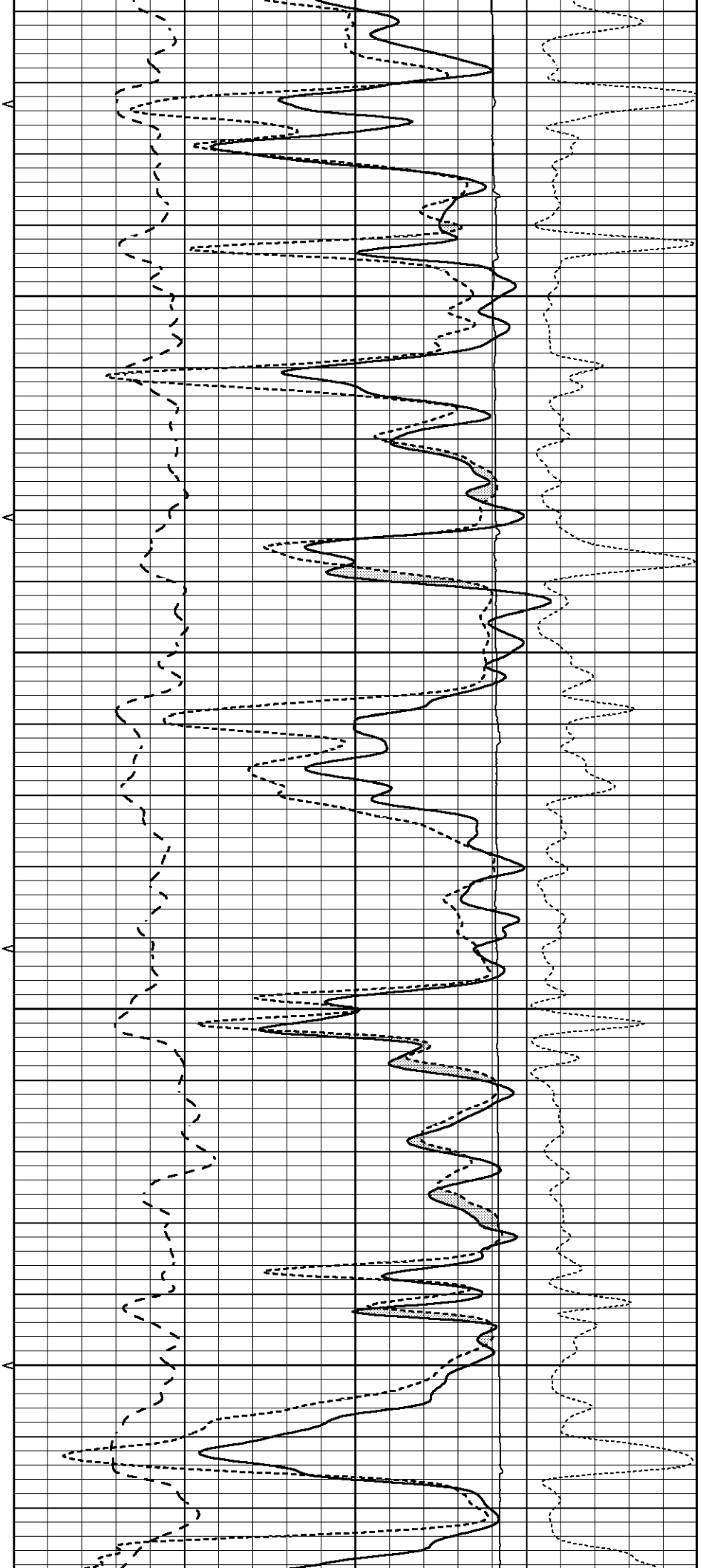


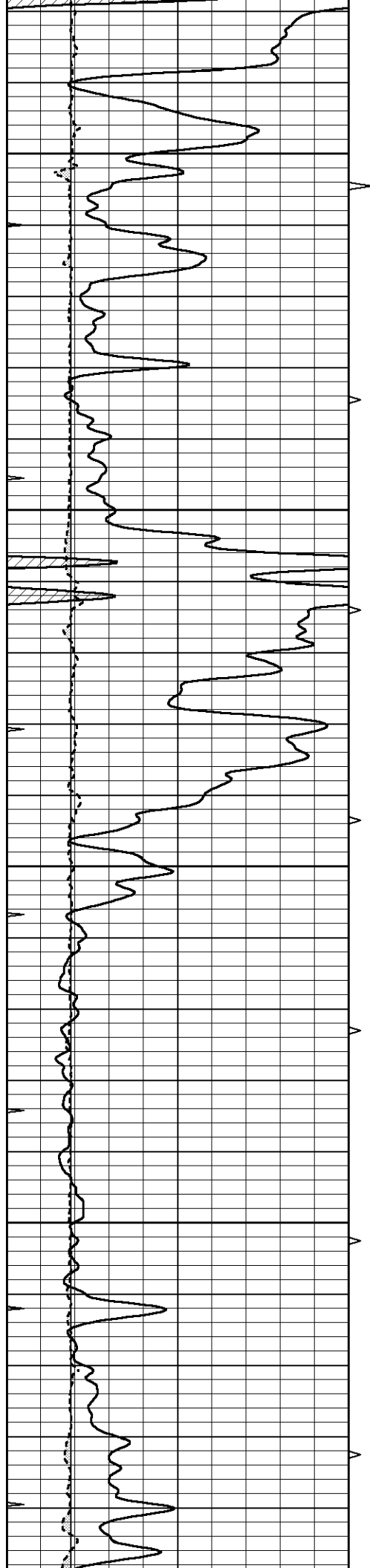
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4250

4300

4350



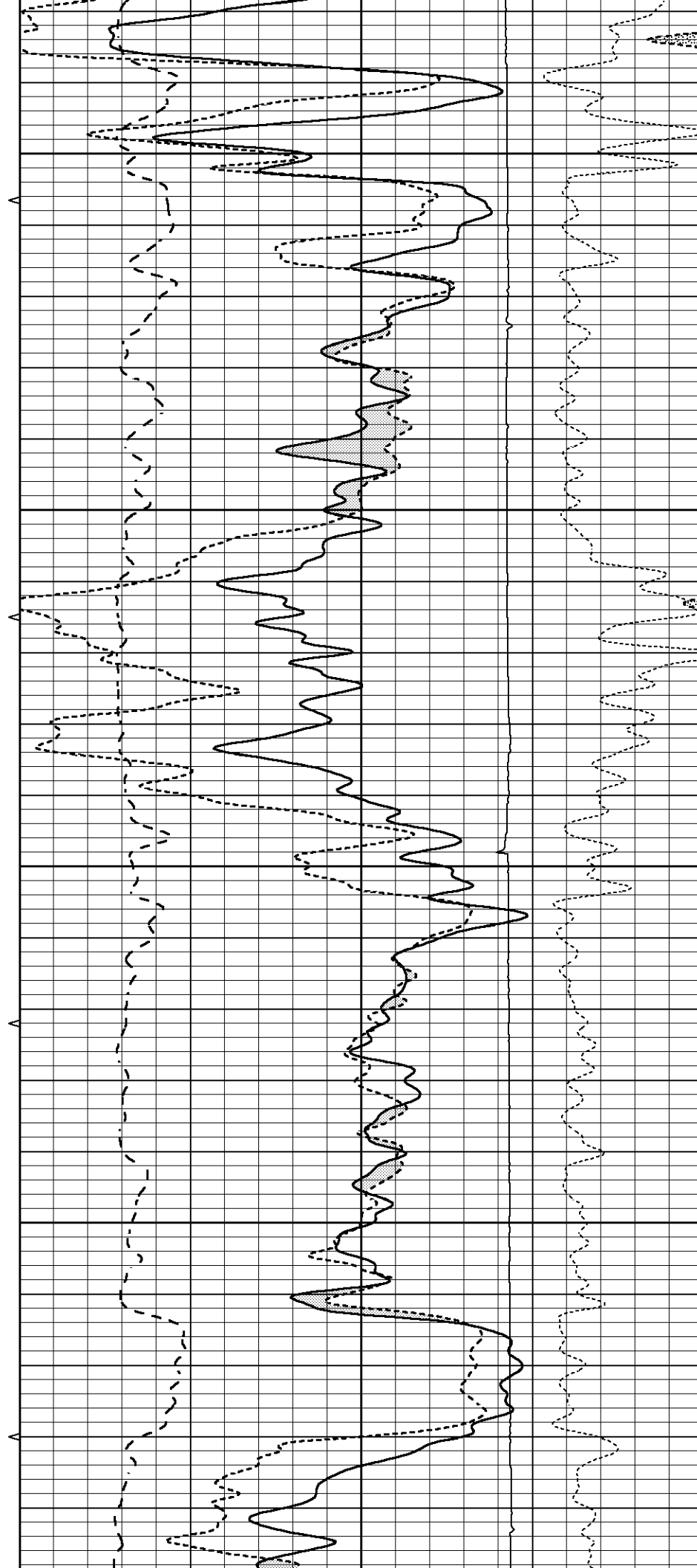


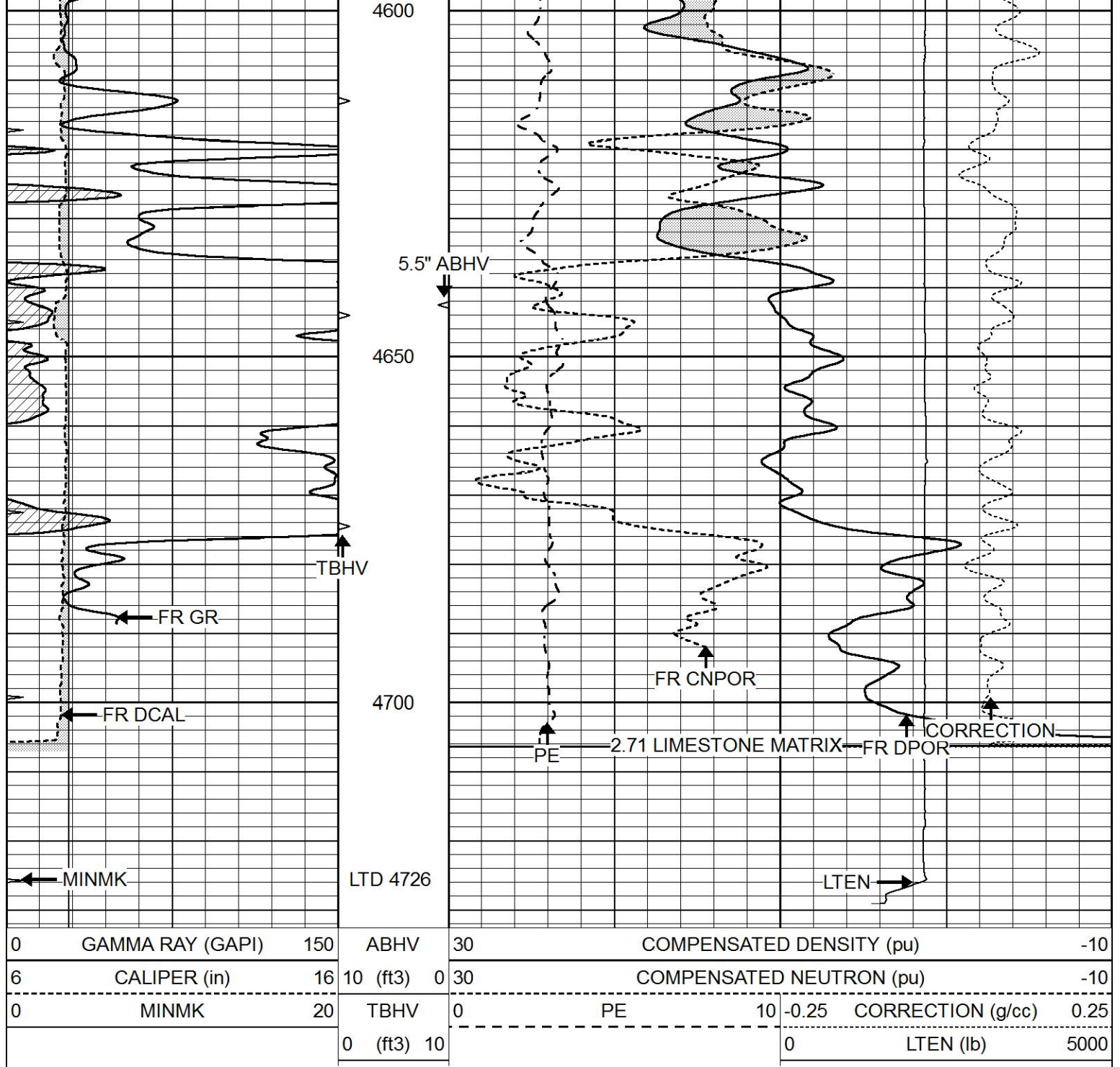
4400

4450

5000

5550

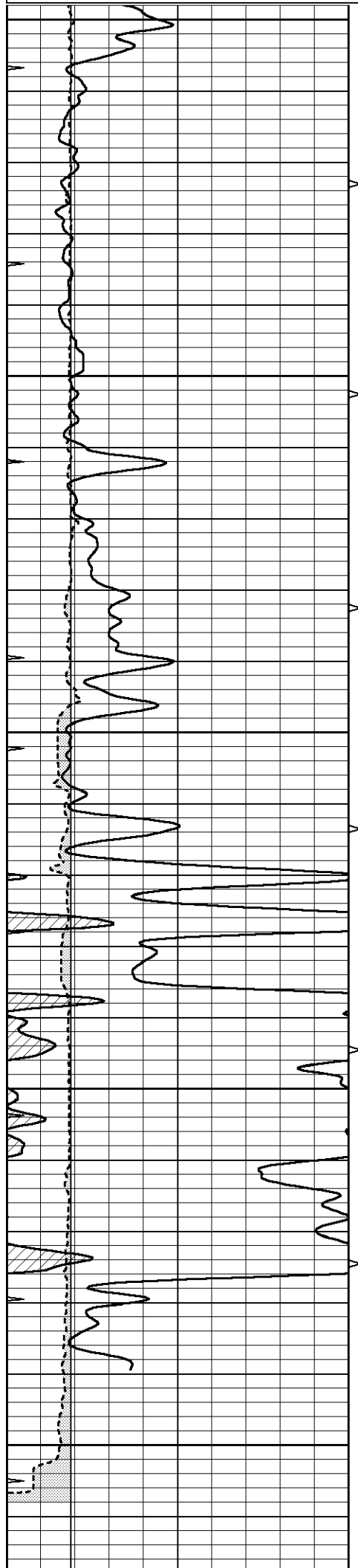




REPEAT SECTION

Database File 8641pe.db
 Dataset Pathname pass2.2R
 Presentation Format _ldt_neu
 Dataset Creation Sat Jul 06 05:19:08 2024
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV	0	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3) 10			0 LTEN (lb) 5000



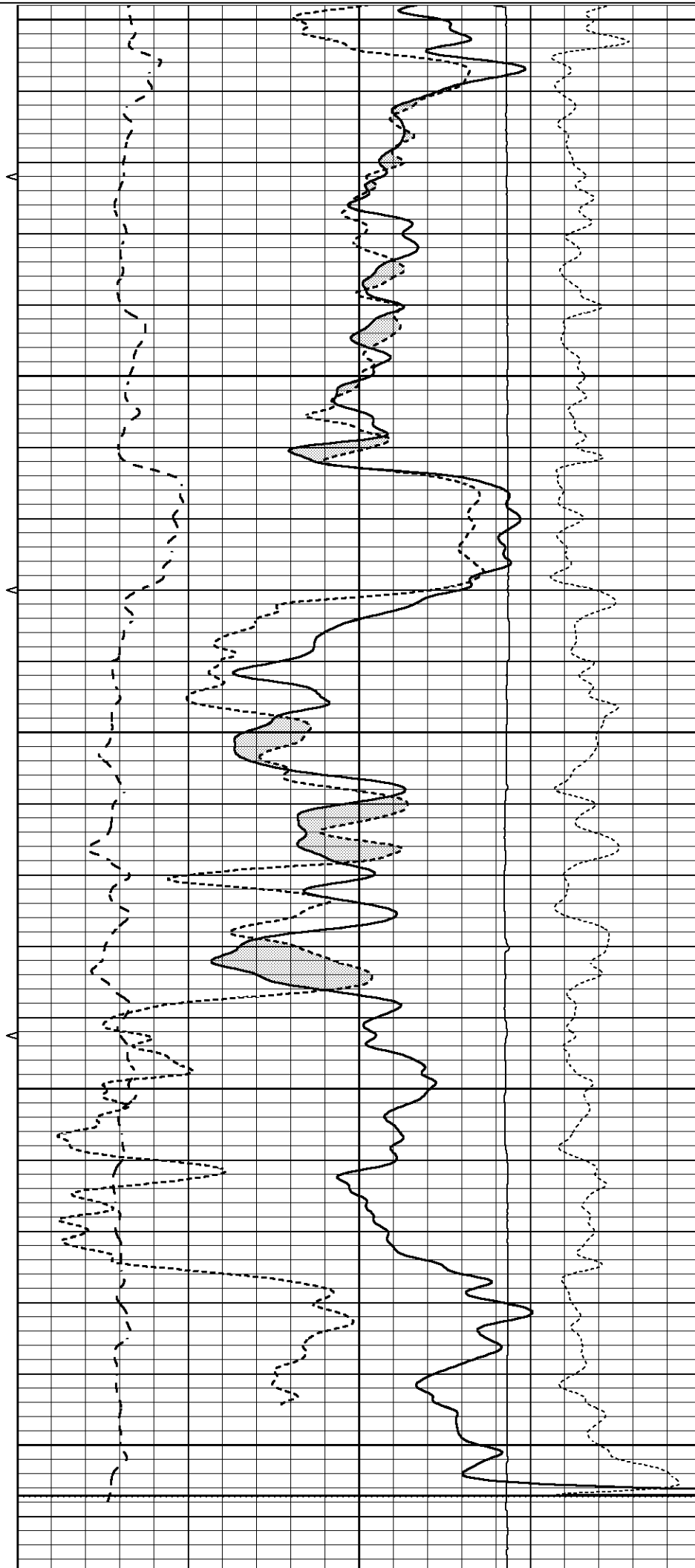
4500

4550

4600

4650

4700



Window 2	1054.4	8597.6	2733.4	2469.5	cps
Window 3	902.3	5241.4	1832.1	1719.3	cps
Window 4	251.9	261.1	255.8	252.9	cps
Long Space	0.0	7543.2	1679.0	1415.0	cps
Short Space	4.4	2049.3	1321.7	1116.8	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 43.7	Rib Slope	: 0.957	Density/Spine Ratio	: 0.562
Spine Angle	: 73.7	Spine Slope	: 3.426	Spine Intercept	: -17.2
Before Survey Verification		Performed Wed Dec 31 18:00:00 1969			
Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	
After Survey Verification		Performed Wed Dec 31 18:00:00 1969			
Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	
Compensated Neutron Calibration Report					
		Serial Number:	070808PMC		
		Tool Model:	NABORS		
PRE-SURVEY VERIFICATION					
Detector	Readings		Measured	Target	
Short Space		cps			
Long Space		cps	pu		pu
POST-SURVEY VERIFICATION					
Detector	Readings		Measured	Target	
Short Space		cps			
Long Space		cps	pu		pu
Gamma Ray Calibration Report					
Serial Number:		070558			
Tool Model:		OPEN_GR			
Performed:		Thu Jun 13 23:56:25 2024			
Calibrator Value:		1.0	GAPI		

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3000	GAPI/cps