



**COMPLETION  
& PRODUCTION  
SERVICES CO.**

**MICRO  
LOG**

Company CASTELLI EXPLORATION, INC.  
Well JULIAN #4-5  
Field WIL  
County EDWARDS  
State KANSAS

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Field WIL  
County EDWARDS State KANSAS

Location: API # : 15-047-21626-0000  
1650' FSL & 400' FEL  
W/2 - SE - NE - SE  
SEC 5 TWP 25S RGE 16W  
Permanent Datum GROUND LEVEL Elevation 2082  
Log Measured From KELLY BUSHING 8' A.G.L.  
Drilling Measured From KELLY BUSHING  
Other Services  
CDL/CNL/PE  
DIL  
Elevation  
K.B. 2090  
D.F. 2088  
G.L. 2082

Date	10/29/13
Run Number	TWO
Depth Driller	4510
Depth Logger	4510
Bottom Logged Interval	4508
Top Log Interval	2000
Casing Driller	8 5/8"@290'
Casing Logger	298
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.3/48
pH / Fluid Loss	10.0/9.6
Source of Sample	FLOWLINE
Rim @ Meas. Temp	.700@80F
Rmf @ Meas. Temp	.525@80F
Rmc @ Meas. Temp	.840@80F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.463@121F
Time Circulation Stopped	4.5 HOURS
Time Logger on Bottom	9:45 A.M.
Maximum Recorded Temperature	121F
Equipment Number	4854
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	TOM CASTELLI
	RICK POPP

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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**

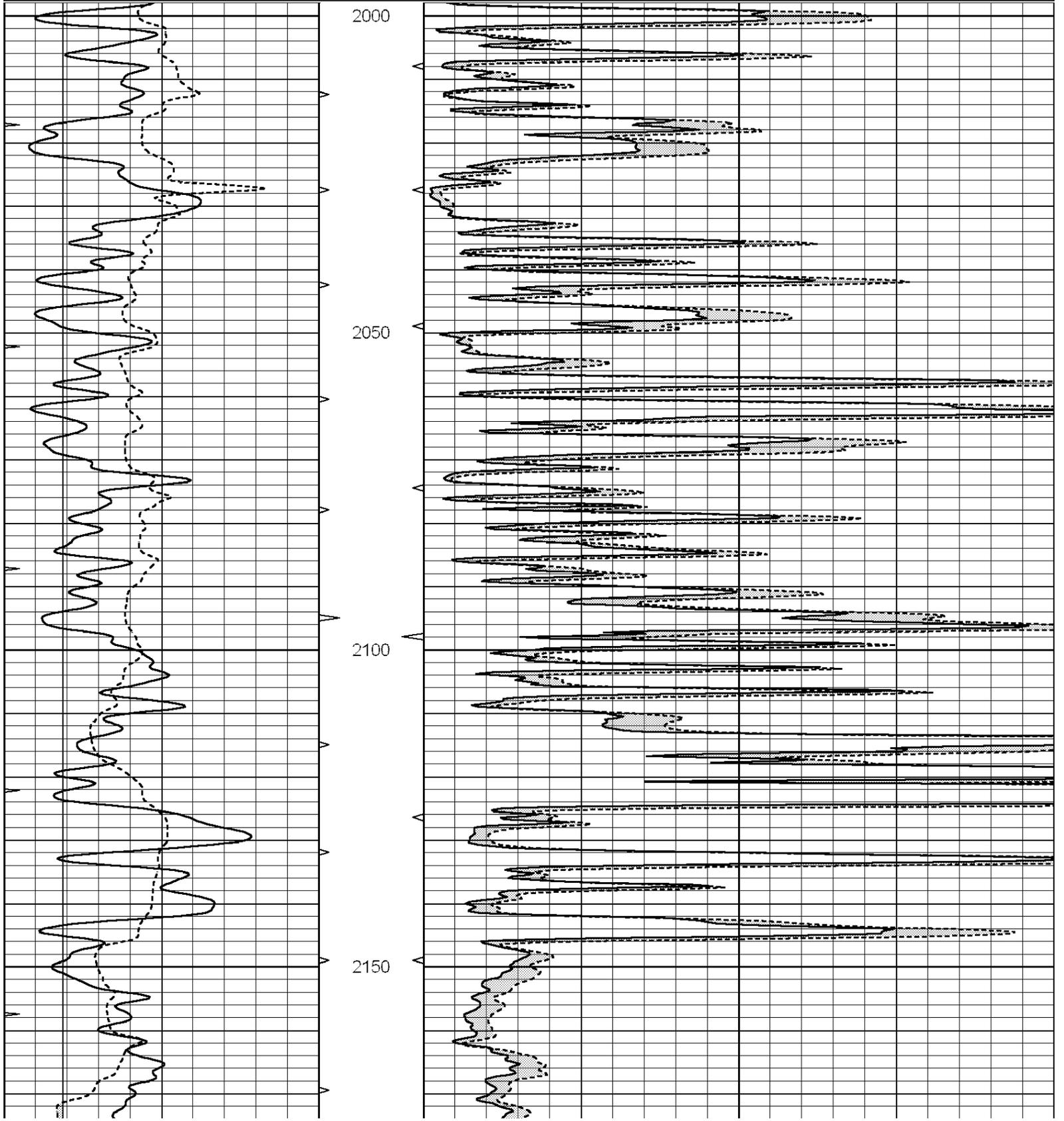
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395  
DIRECTIONS  
BELPRE, KS., 3S. ON BLKTOP, W. INTO

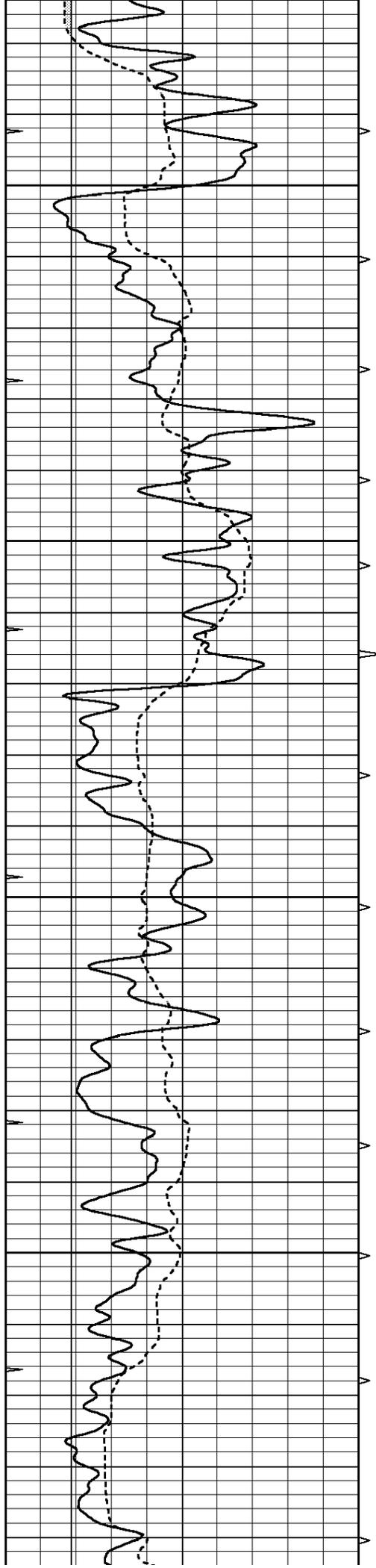


**MAIN SECTION**

Database File: 011699pe.db  
 Dataset Pathname: pass7.5  
 Presentation Format: micro  
 Dataset Creation: Tue Oct 29 14:29:31 2013  
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



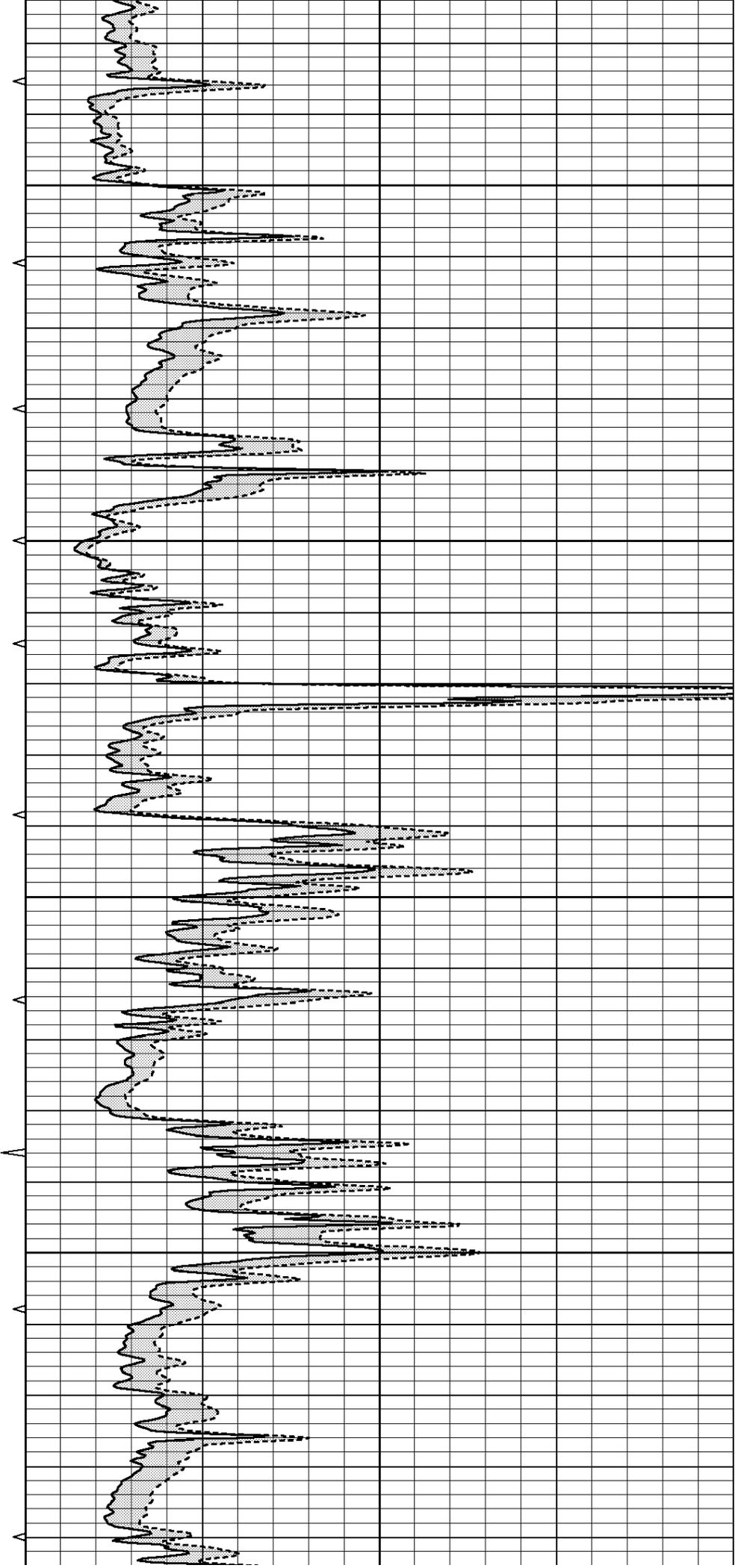


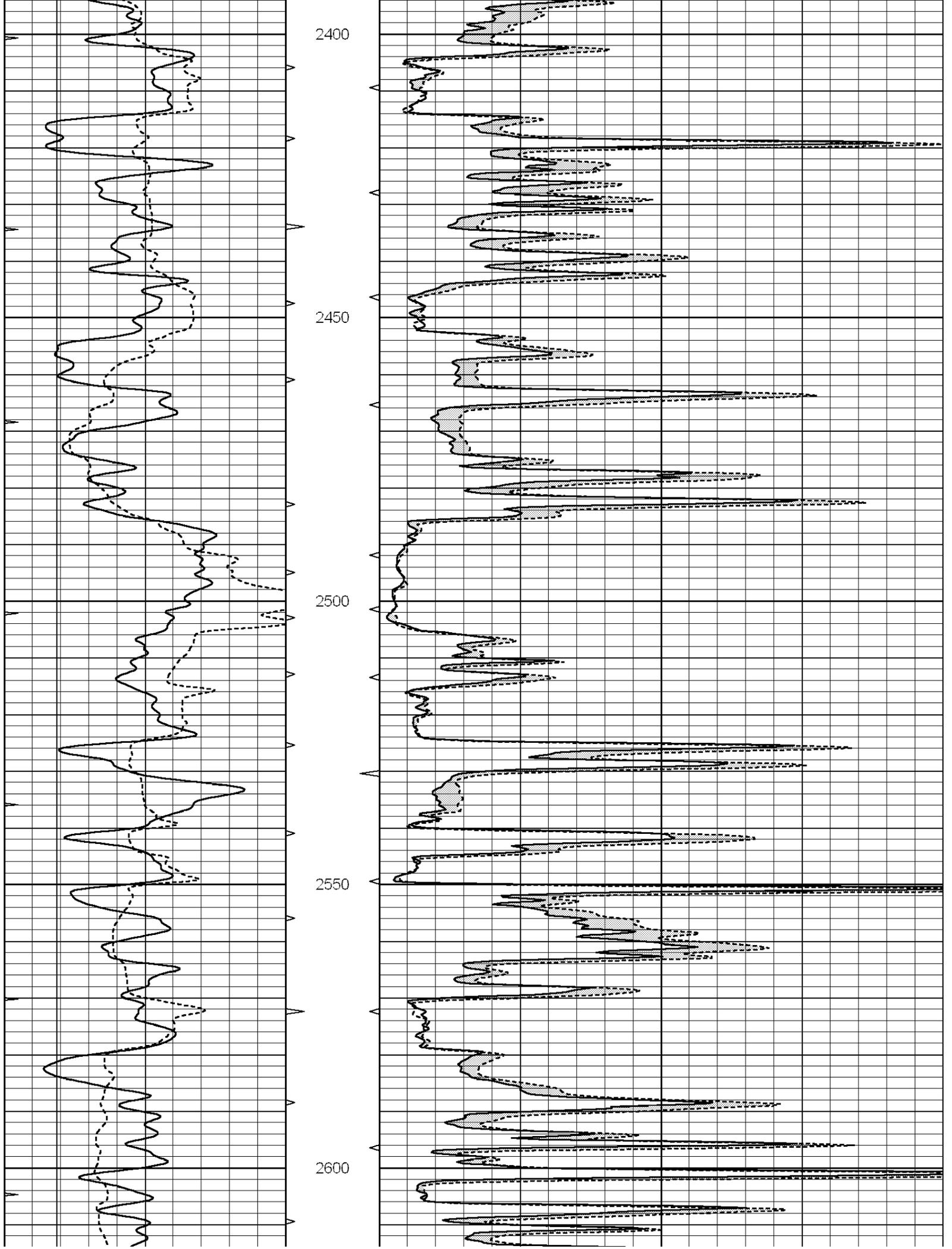
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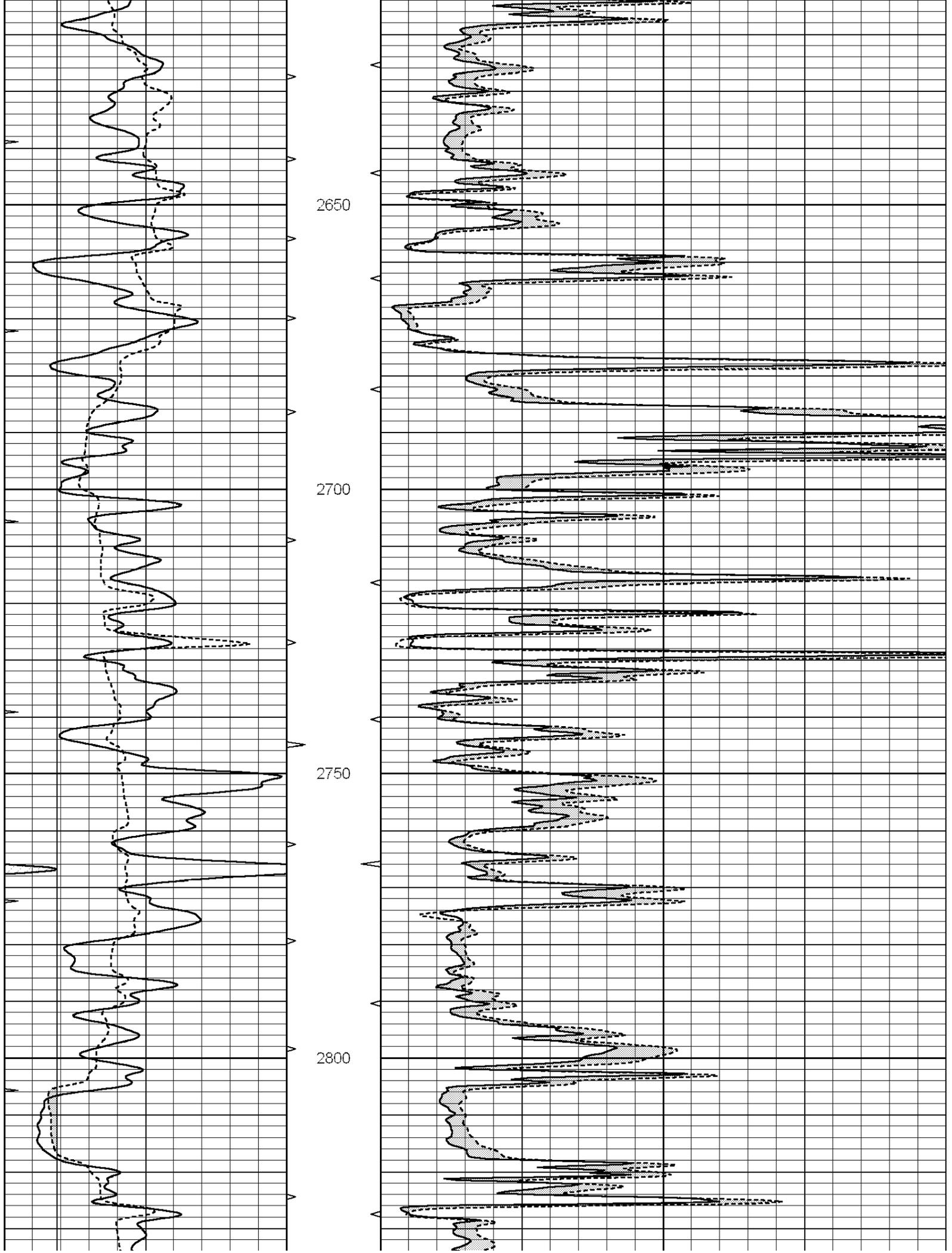
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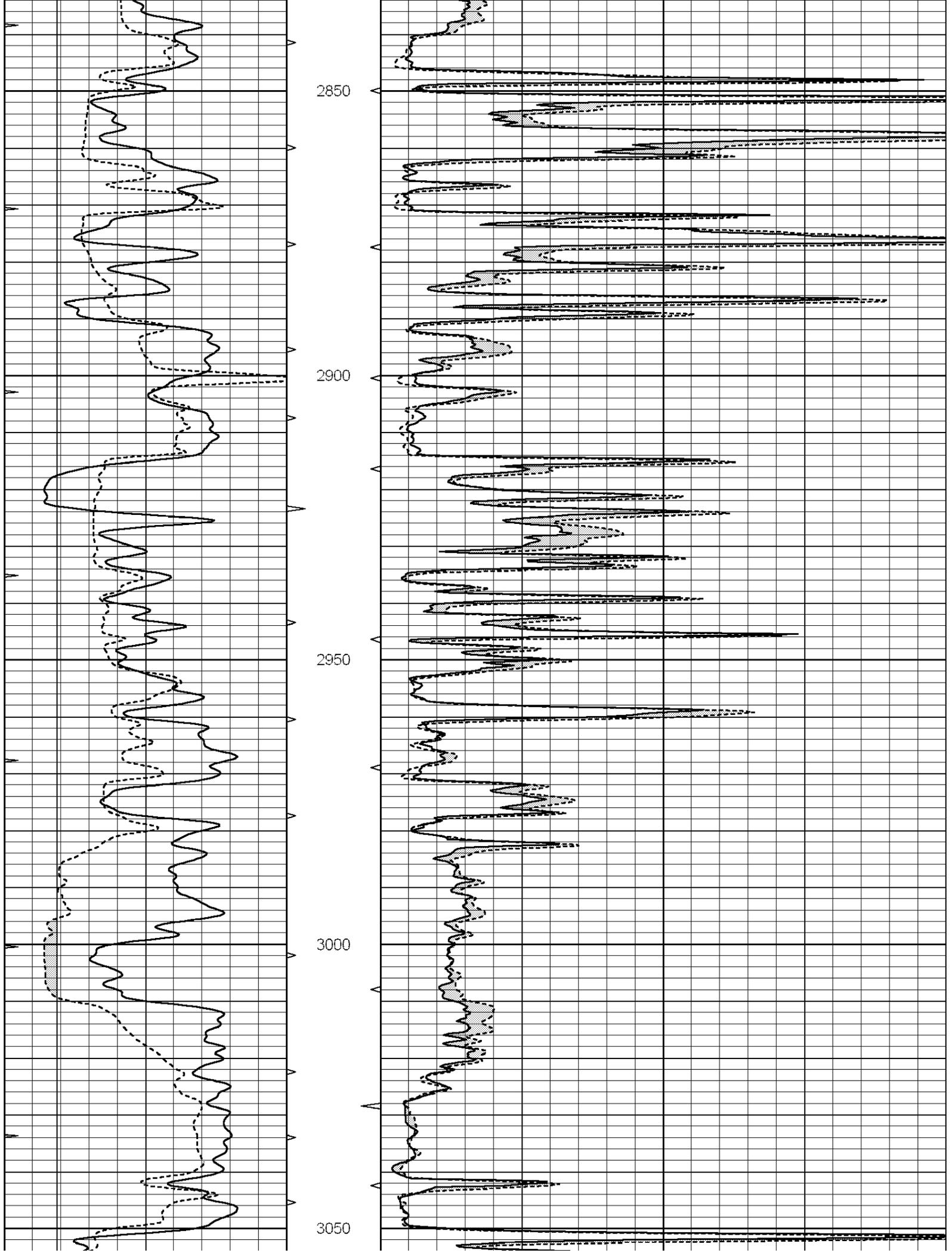
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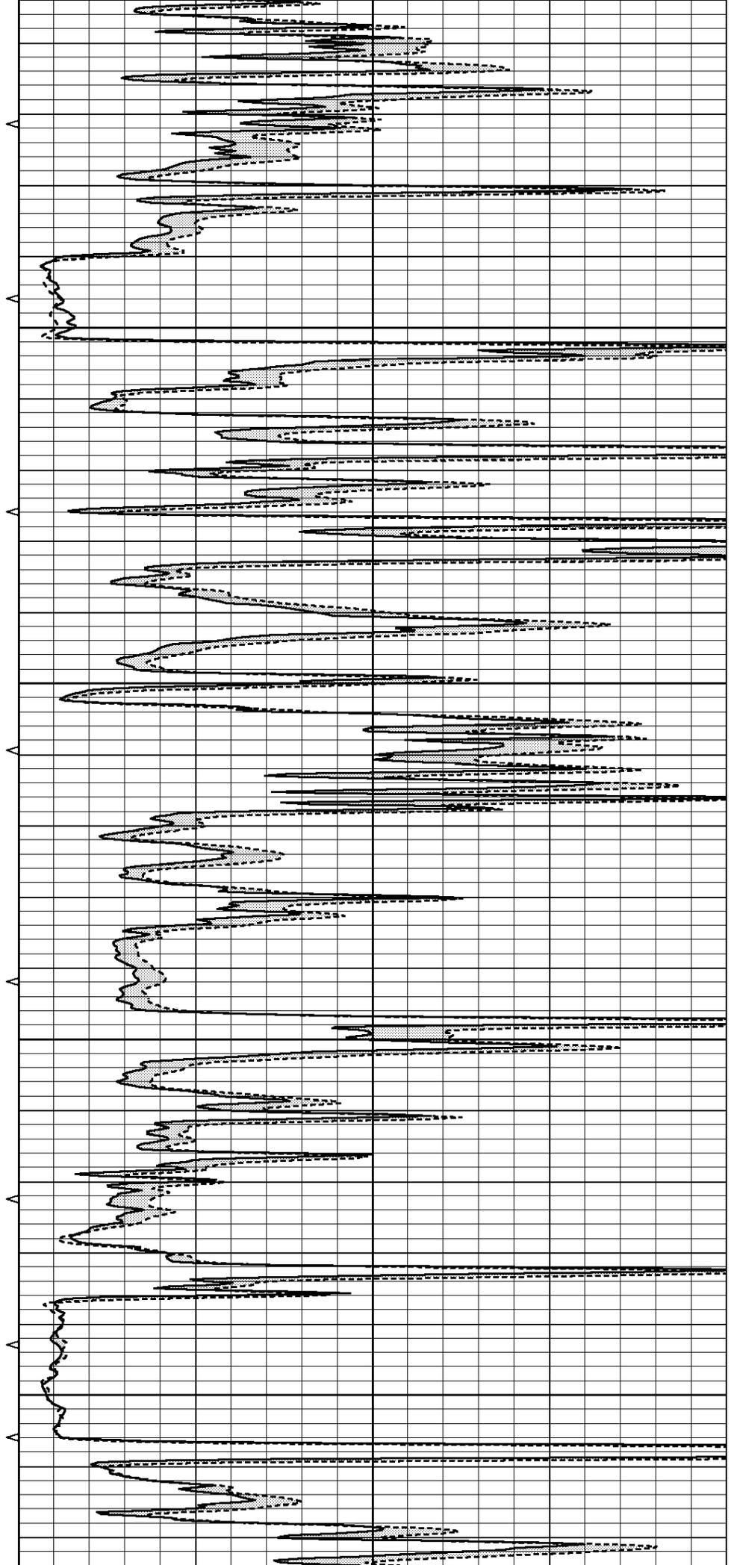
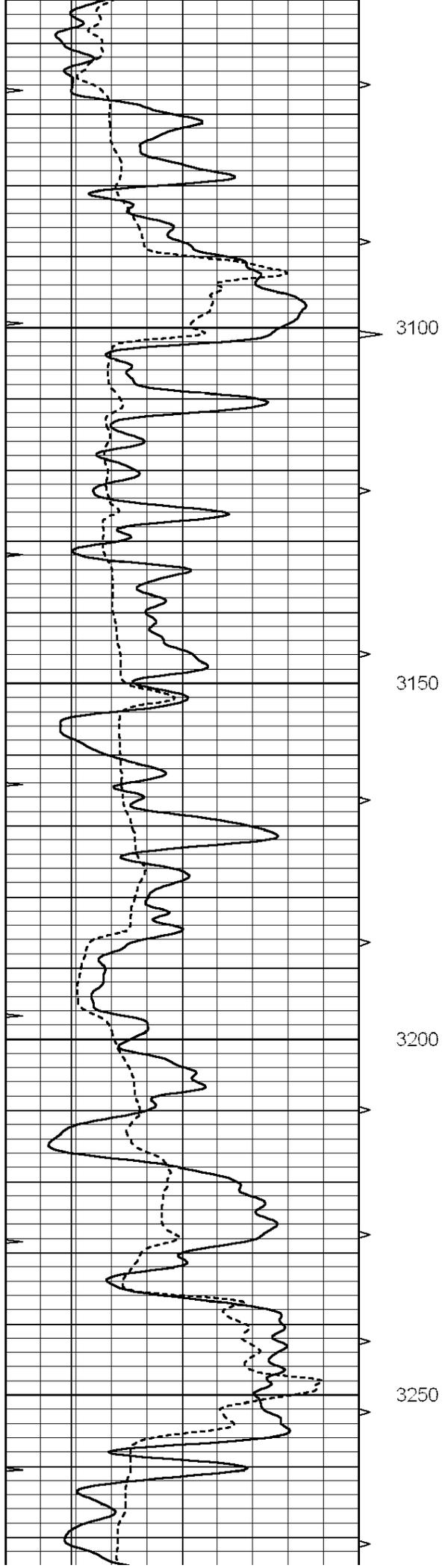
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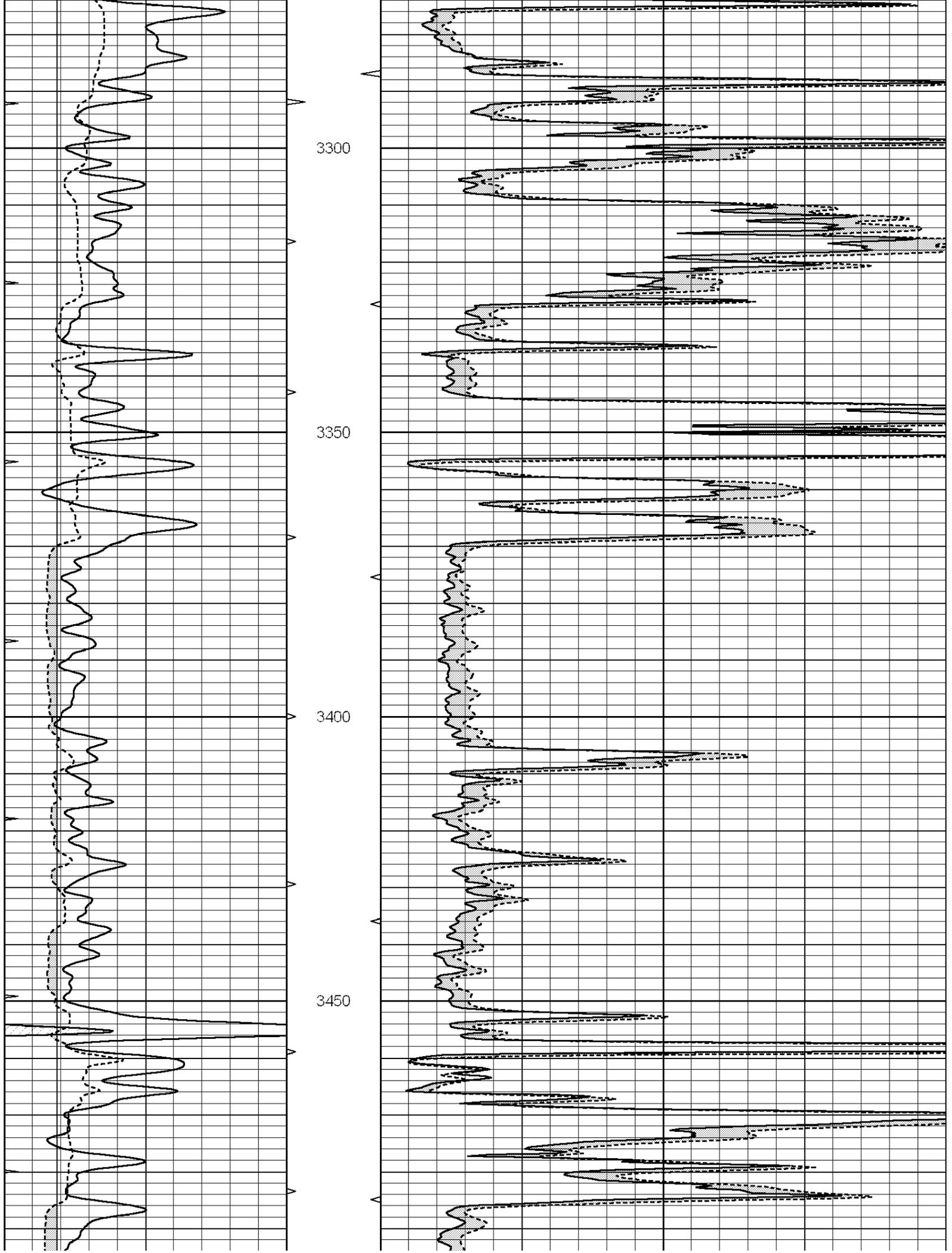


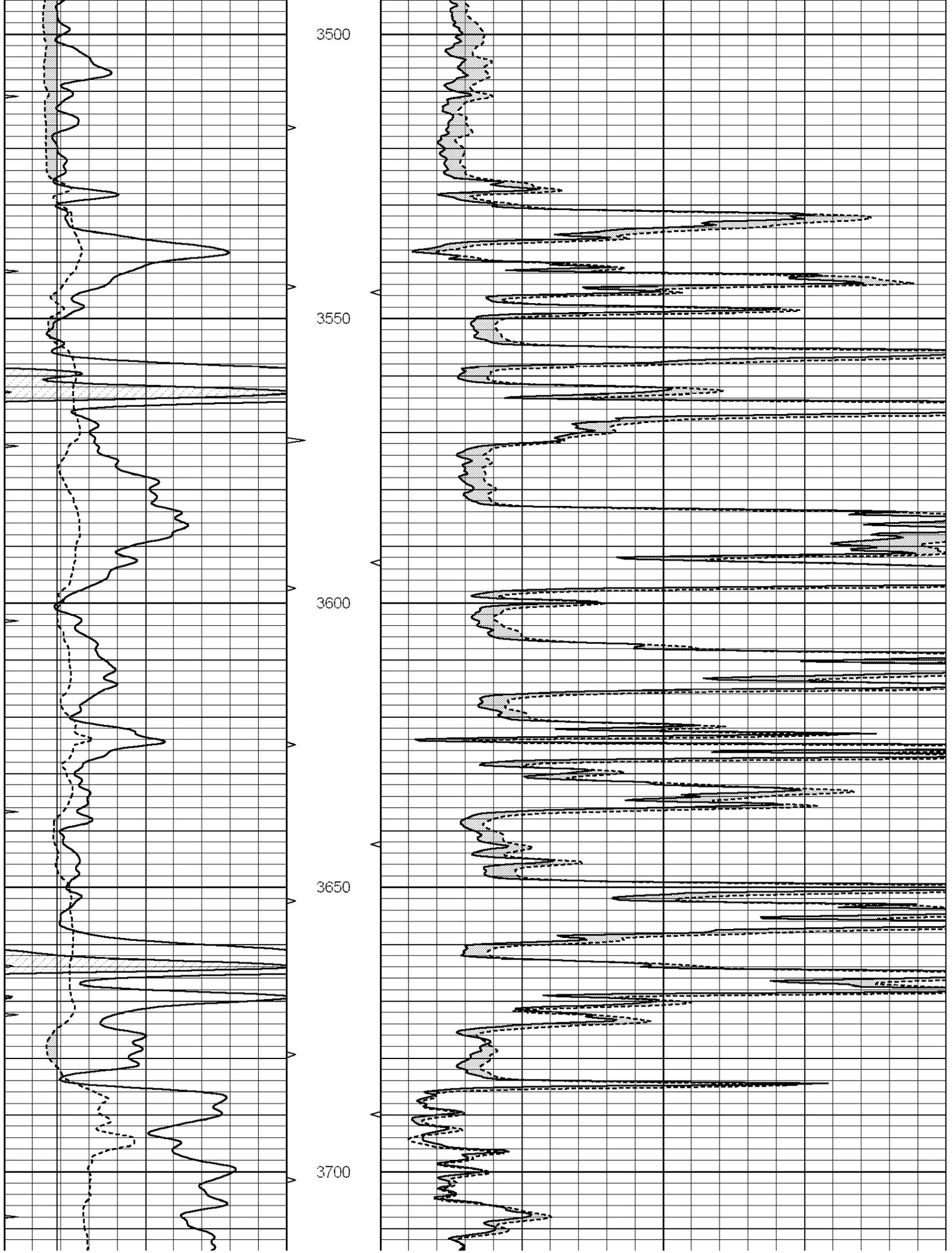


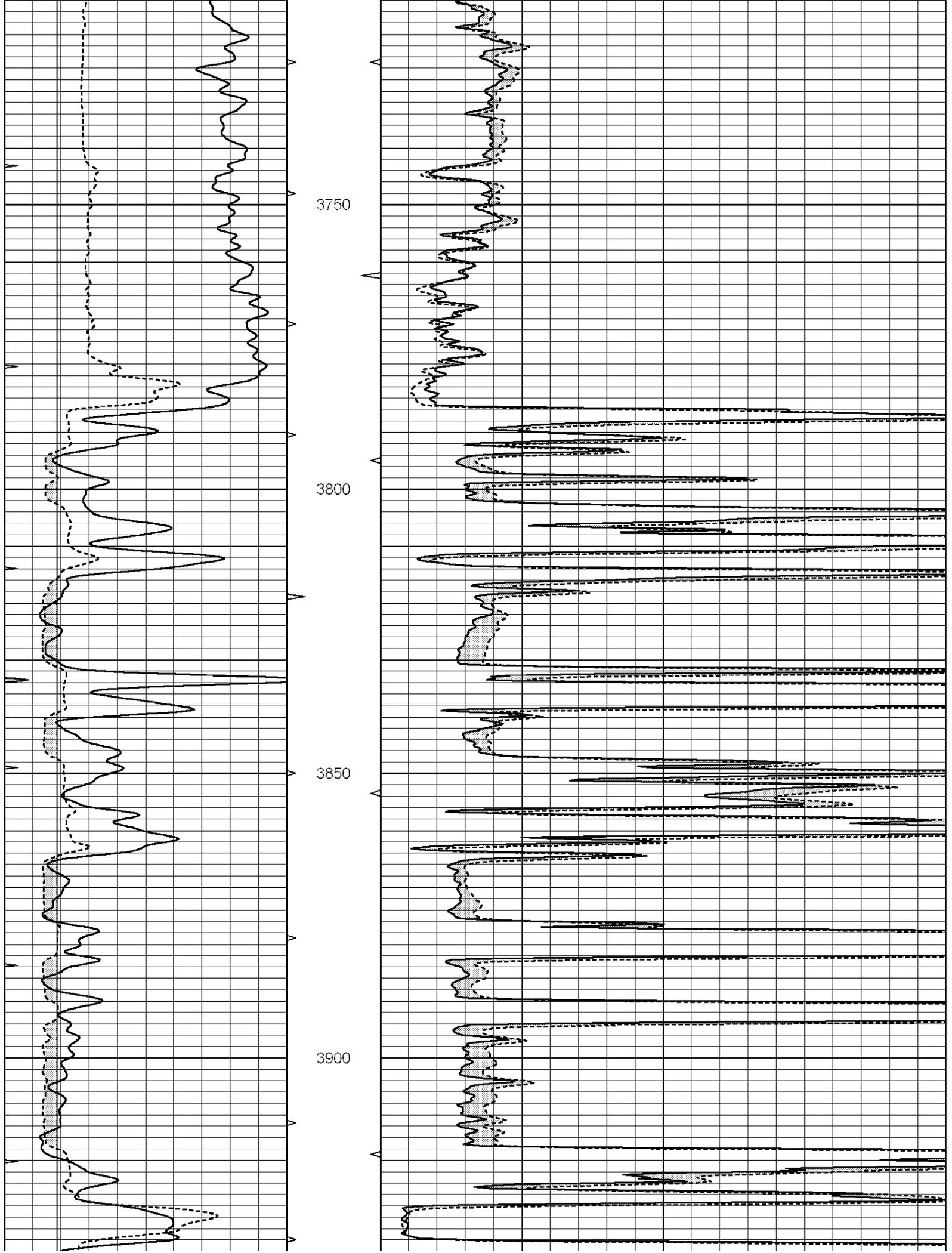


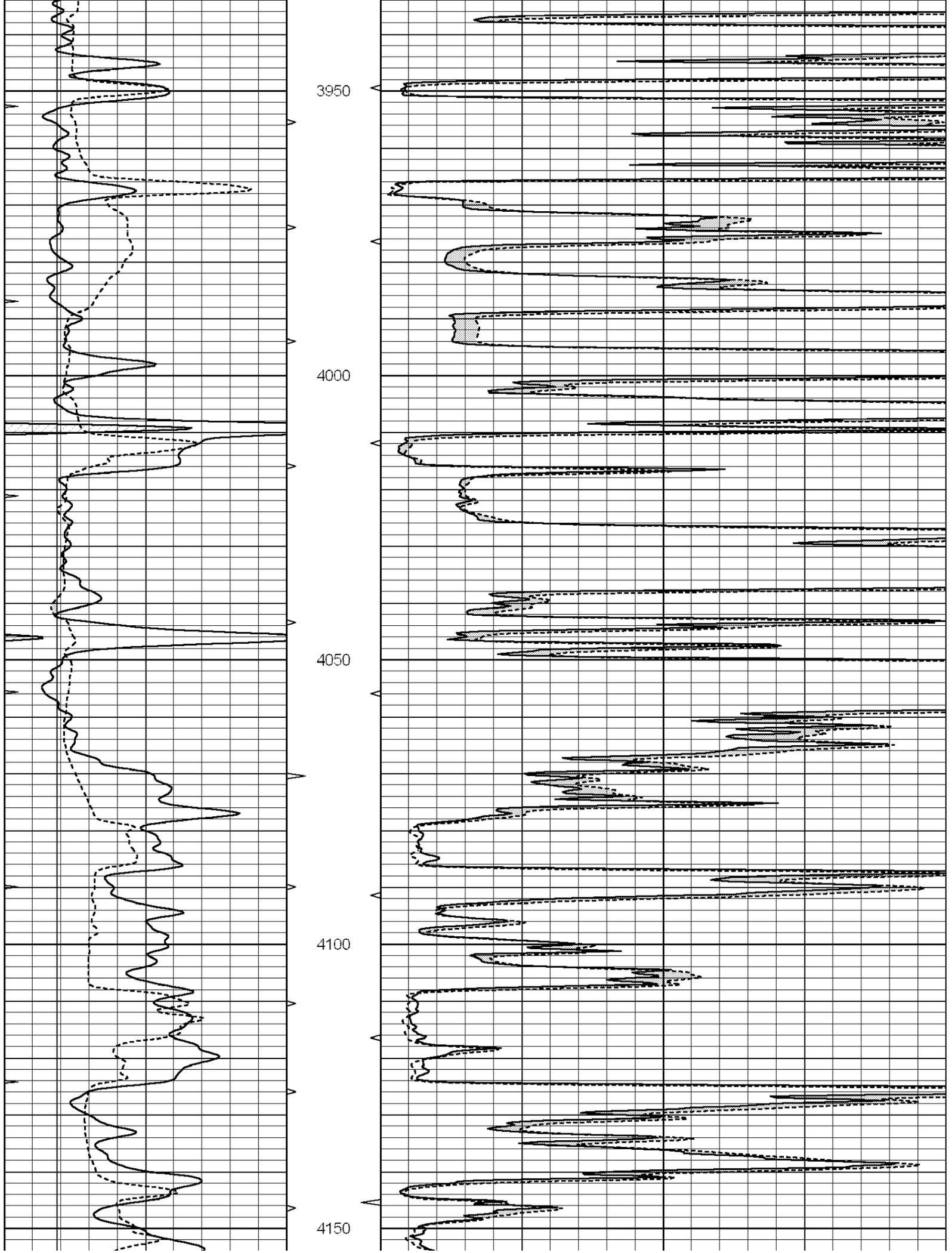


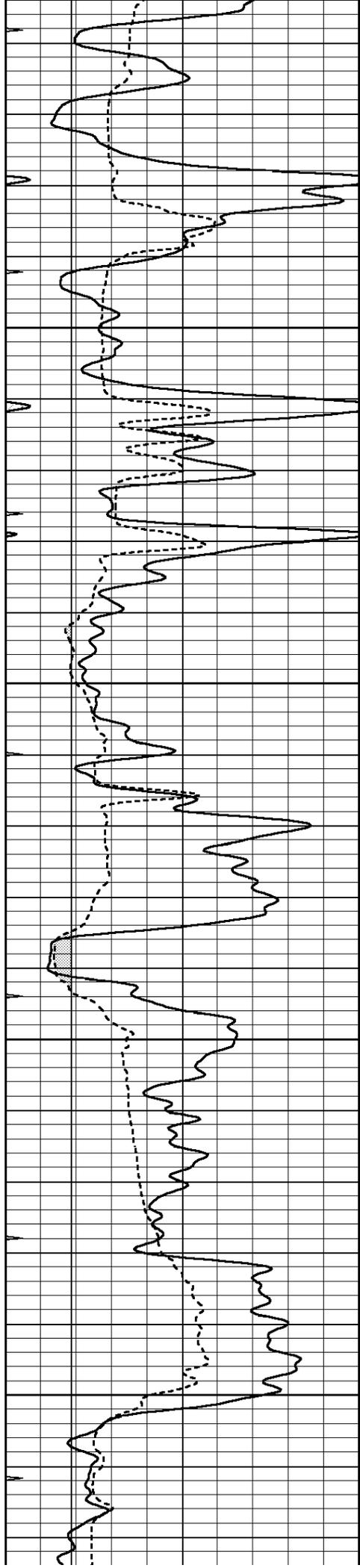










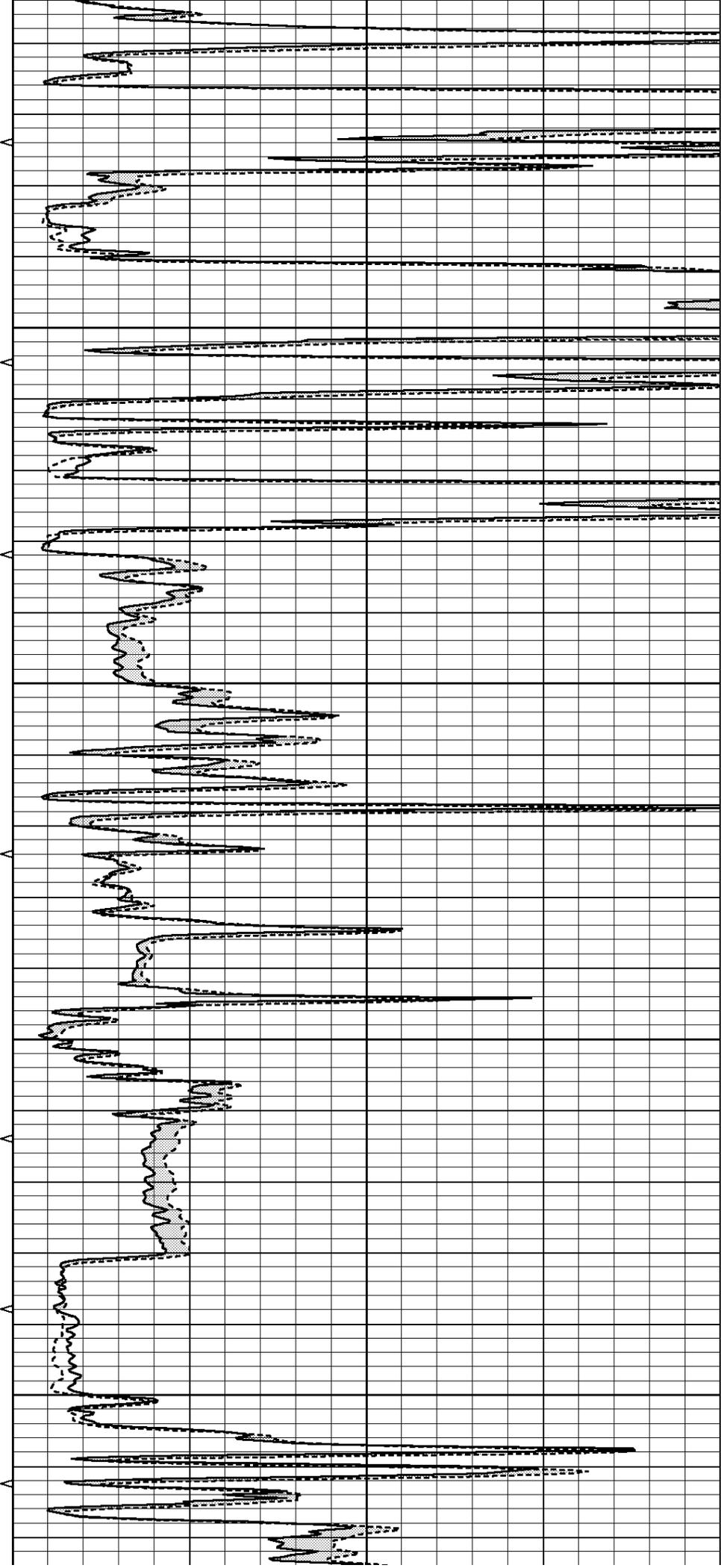


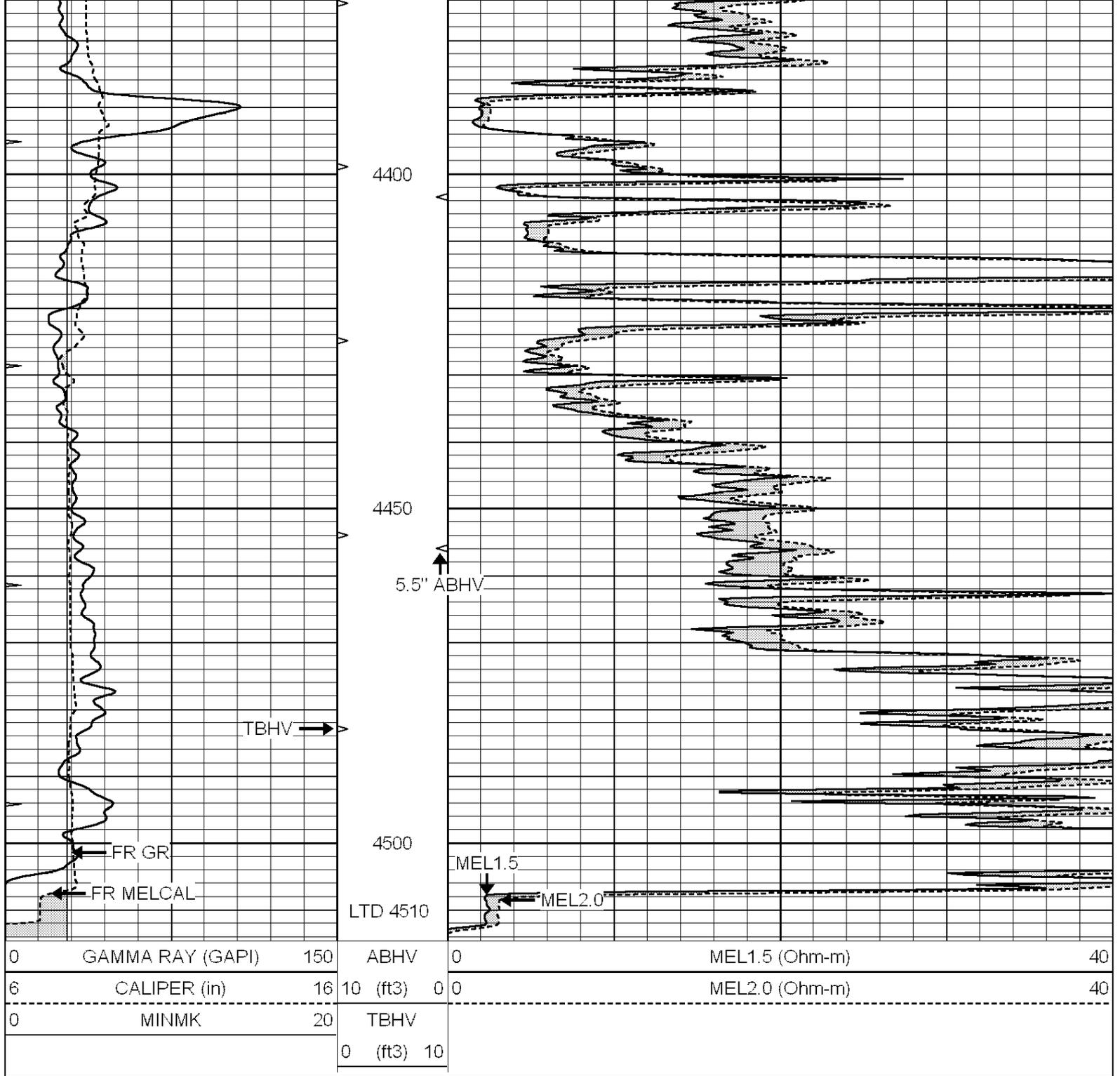
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4300

4350



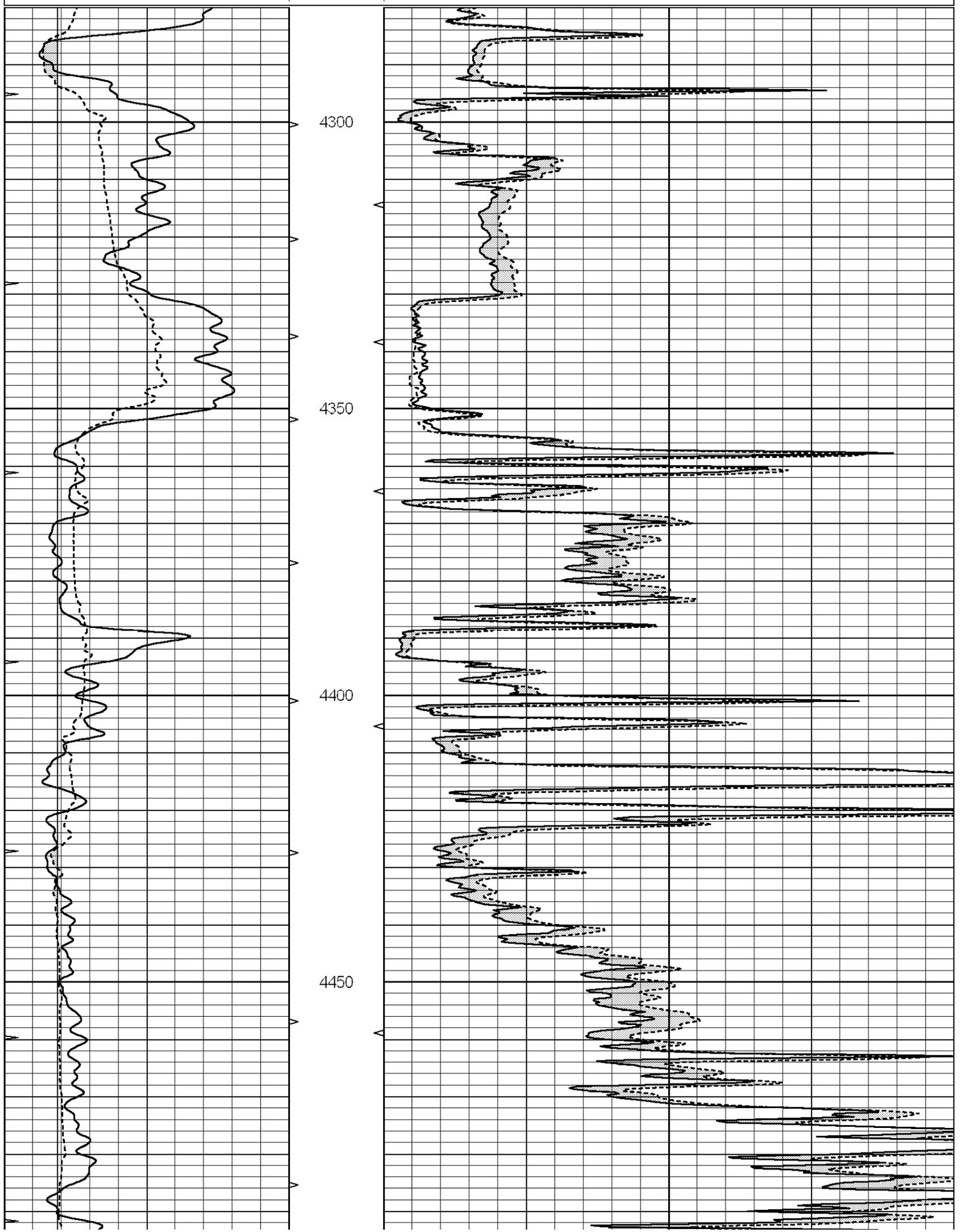


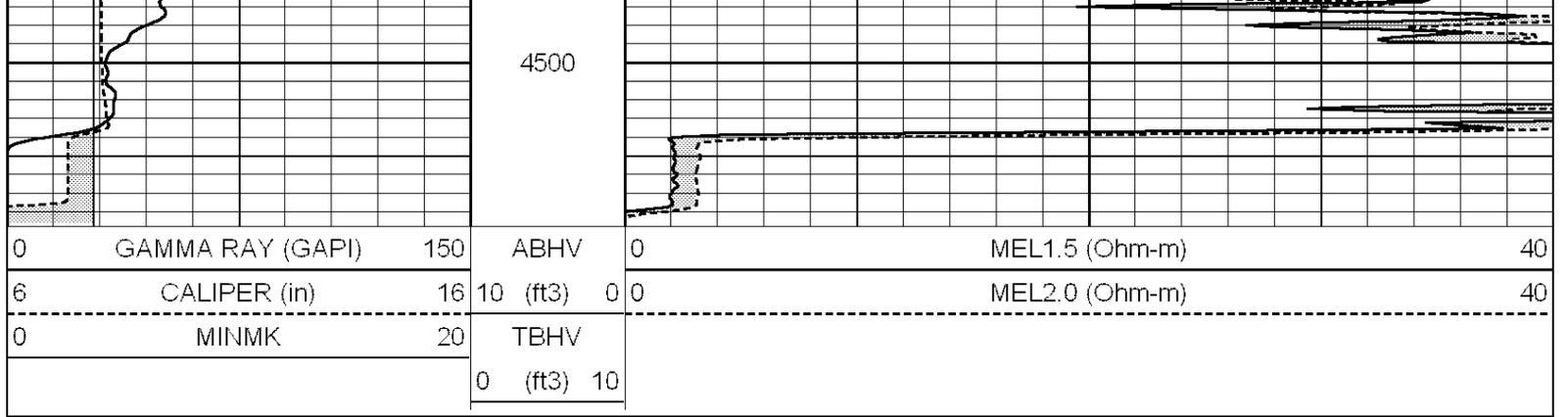
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SERVICES CO.**

# REPEAT SECTION

Database File: 011699pe.db  
 Dataset Pathname: pass6.1  
 Presentation Format: micro  
 Dataset Creation: Tue Oct 29 14:10:55 2013 by Calc SOC 120430  
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			





### Calibration Report

Database File: 011699pe.db  
 Dataset Pathname: pass7.4  
 Dataset Creation: Tue Oct 29 14:26:22 2013 by Calc SOC 120430

#### MICRO Calibration Report

Serial Number:	2	
Tool Model:	PROBE	
Performed:	Mon Oct 28 17:41:54 2013	
Caliper Calibration:	Gain=6.446	Offset=-3.761
	Low Cal	High Cal
References	7.400	16.000
Readings	1.731	3.065
1.5" Calibration:	Gain=24.000	Offset=-0.500
	Low Cal	High Cal
References	0.000	20.000
Readings	0.015	0.458
2" Calibration:	Gain=68.000	Offset=-0.200
	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	0.384

#### Gamma Ray Calibration Report

Serial Number:	GR3	
Tool Model:	OPEN	
Performed:	Tue Oct 29 12:46:40 2013	
Calibrator Value:	200.0	GAPI
Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps
Sensitivity:	1.1000	GAPI/cps