



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	PHILLIPS EXPLORATION CO. L.C.		
Well	PURINTON-WERTH UNIT #1-6		
Field	WILDCAT		
County	TREGO	State	KANSAS
Location:	Company PHILLIPS EXPLORATION COMPANY, L.C. Well PURINTON-WERTH UNIT #1-6 Field WILDCAT County TREGO State KANSAS		
Permanent Datum	GROUND LEVEL	Elevation	2426
Log Measured From	KELLY BUSHING 5' A.G.L.		
Drilling Measured From	KELLY BUSHING		
SEC 6	TWP 14S	RGE 25W	
API # :	15-195-22993-0000		
Other Services	CDL/CNL		
	DIL/SON		
Elevation			
K.B. 2431			
D.F. 2429			
G.L. 2426			
Date	8/7/15		
Run Number	TWO		
Depth Driller	4400		
Depth Logger	4400		
Bottom Logged Interval	4384		
Top Log Interval	3200		
Casing Driller	8 5/8"@215'		
Casing Logger	215		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,300 PPM	
Density / Viscosity	9.0/63		
pH / Fluid Loss	10.5/7.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.600@90F		
Rmf @ Meas. Temp	.450@90F		
Rmc @ Meas. Temp	.720@90F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.450@120F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	8:00 P.M.		
Maximum Recorded Temperature	120F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	PAT DEENIHAN		

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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
 COLLYER, KS. & I-70 EXIT, 9S. TO "RD. Q", 2W., 2 1/2S., 3/4 E. INTO



NABORS

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MAIN SECTION

Database File:

26631ddn.db

Dataset Pathname:

pass6.1

Presentation Format:

micro

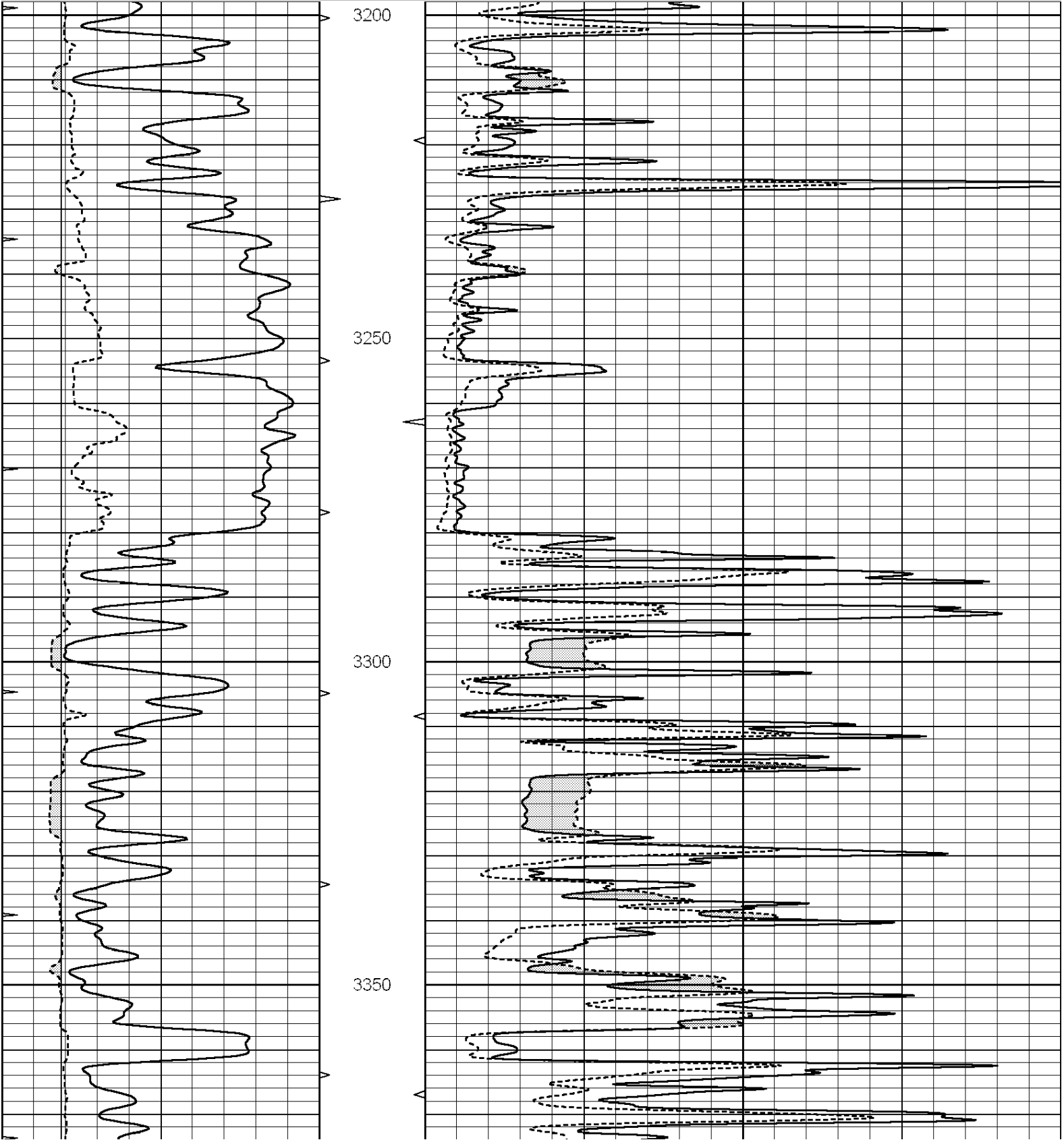
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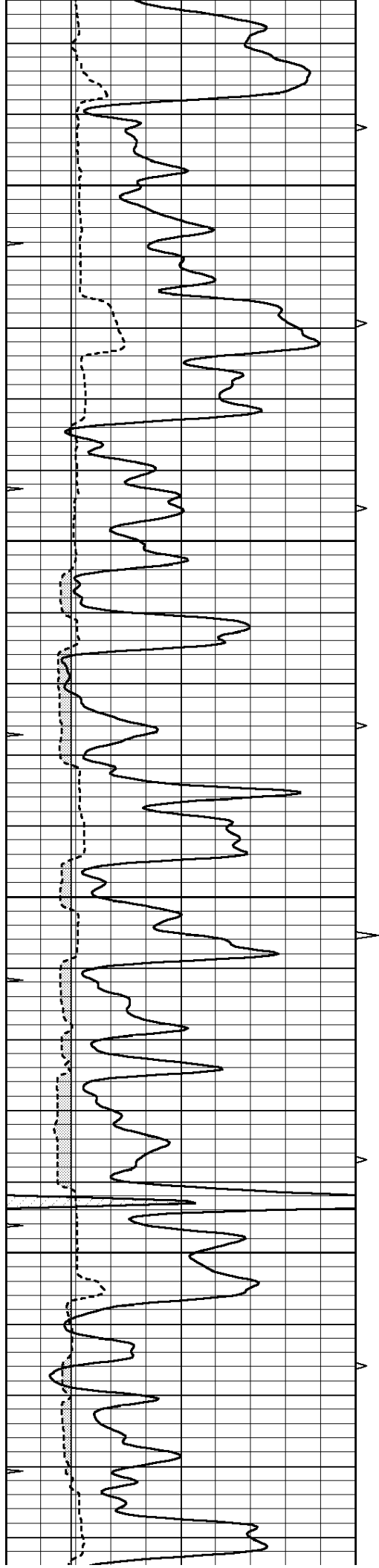
Fri Aug 07 23:19:28 2015 by Calc SOC 120430

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 0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



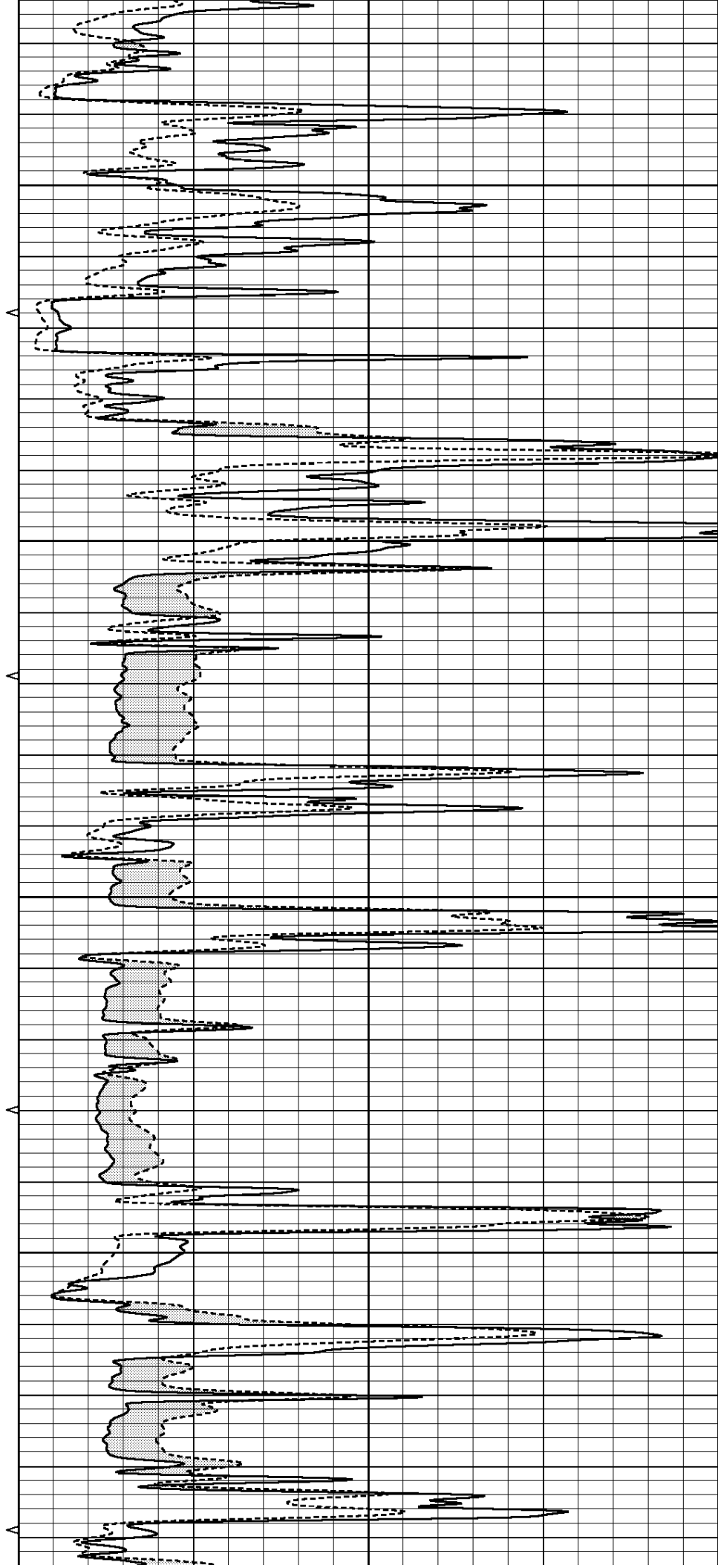


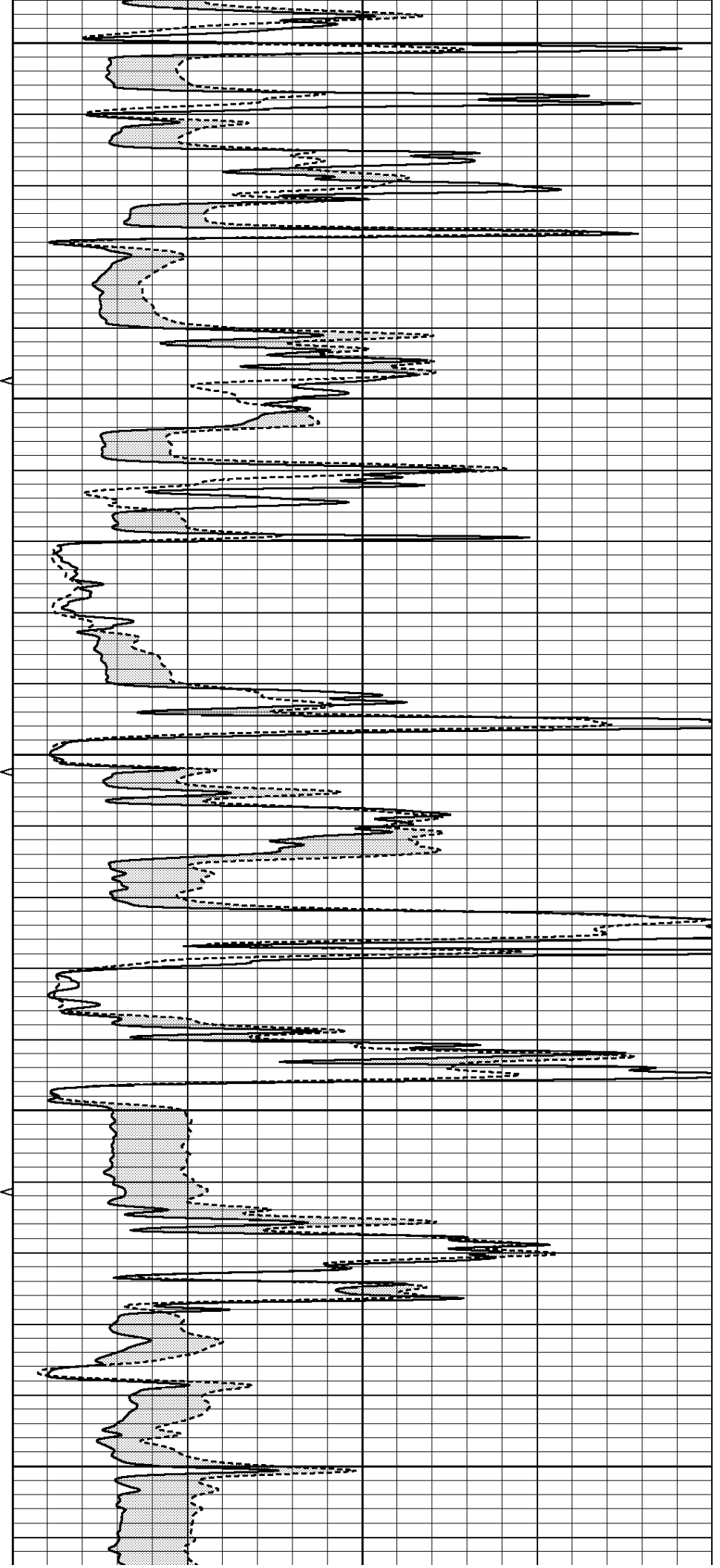
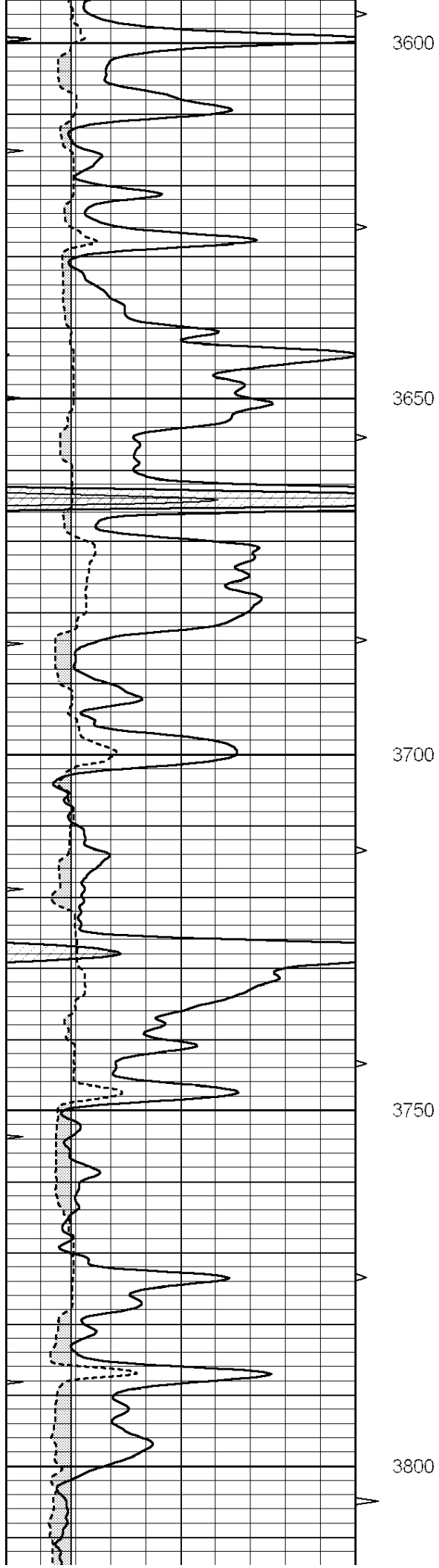
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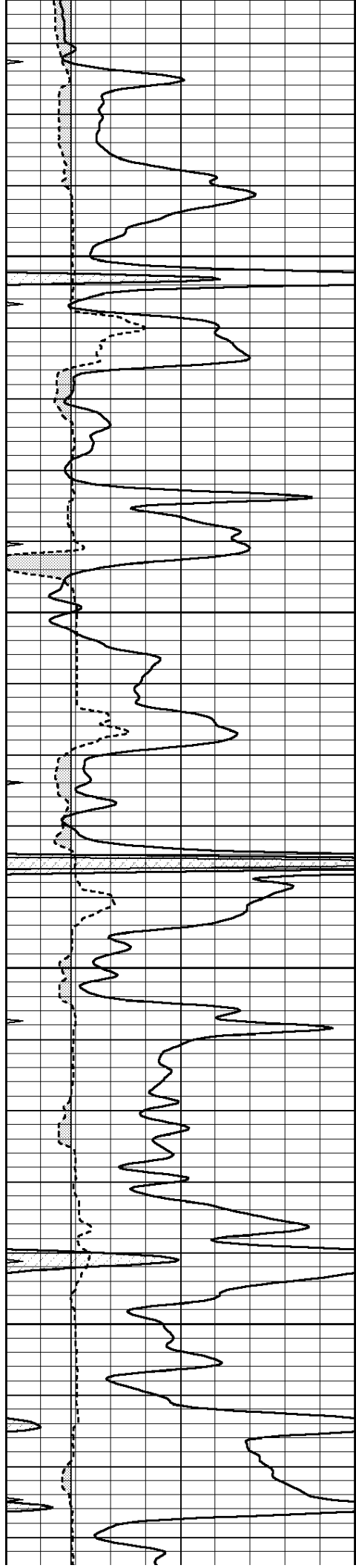
3450

3500

3550







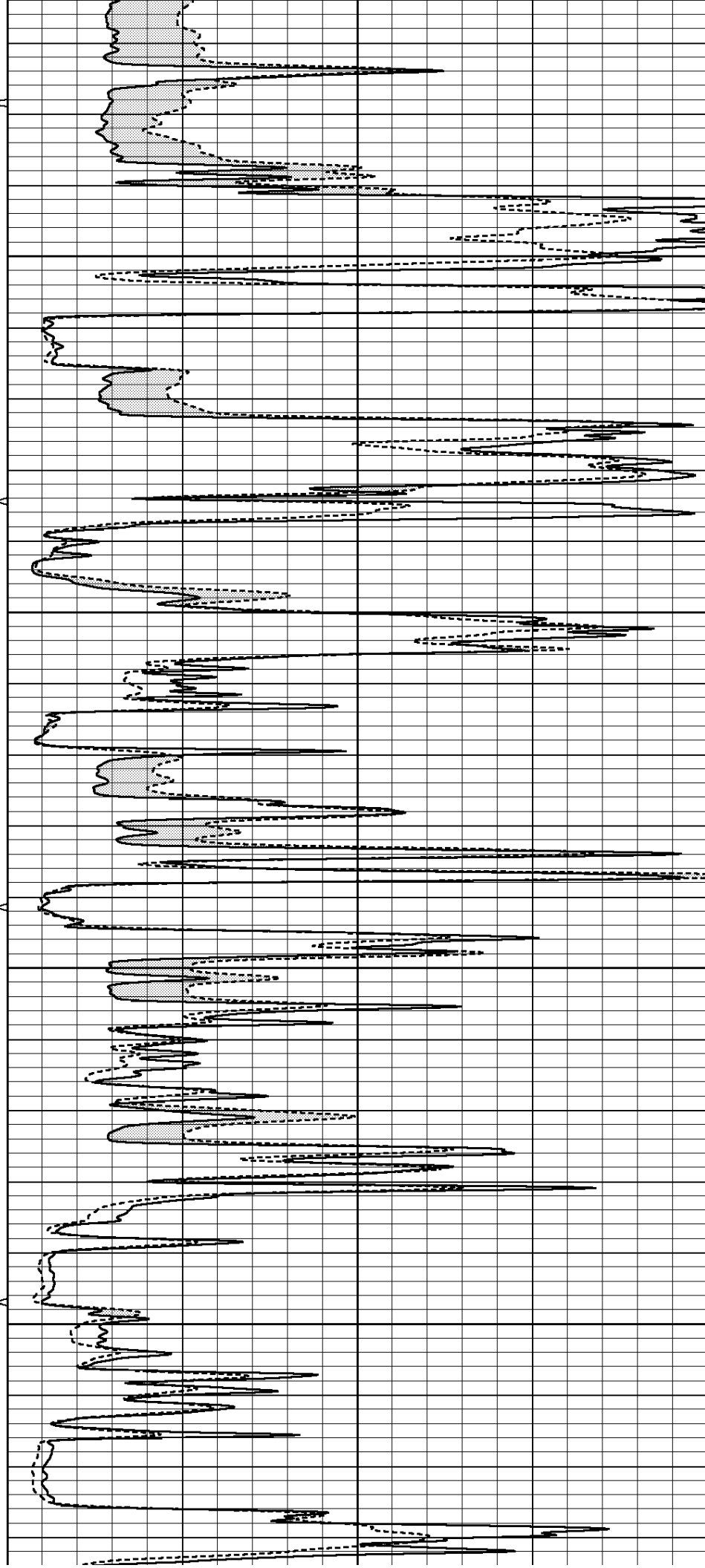
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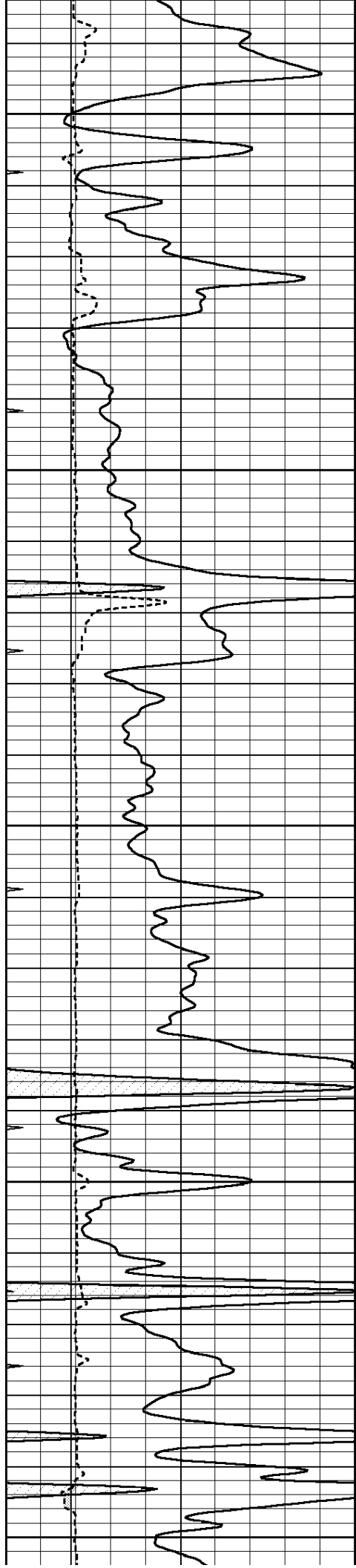
Pulled Tight

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3950

4000





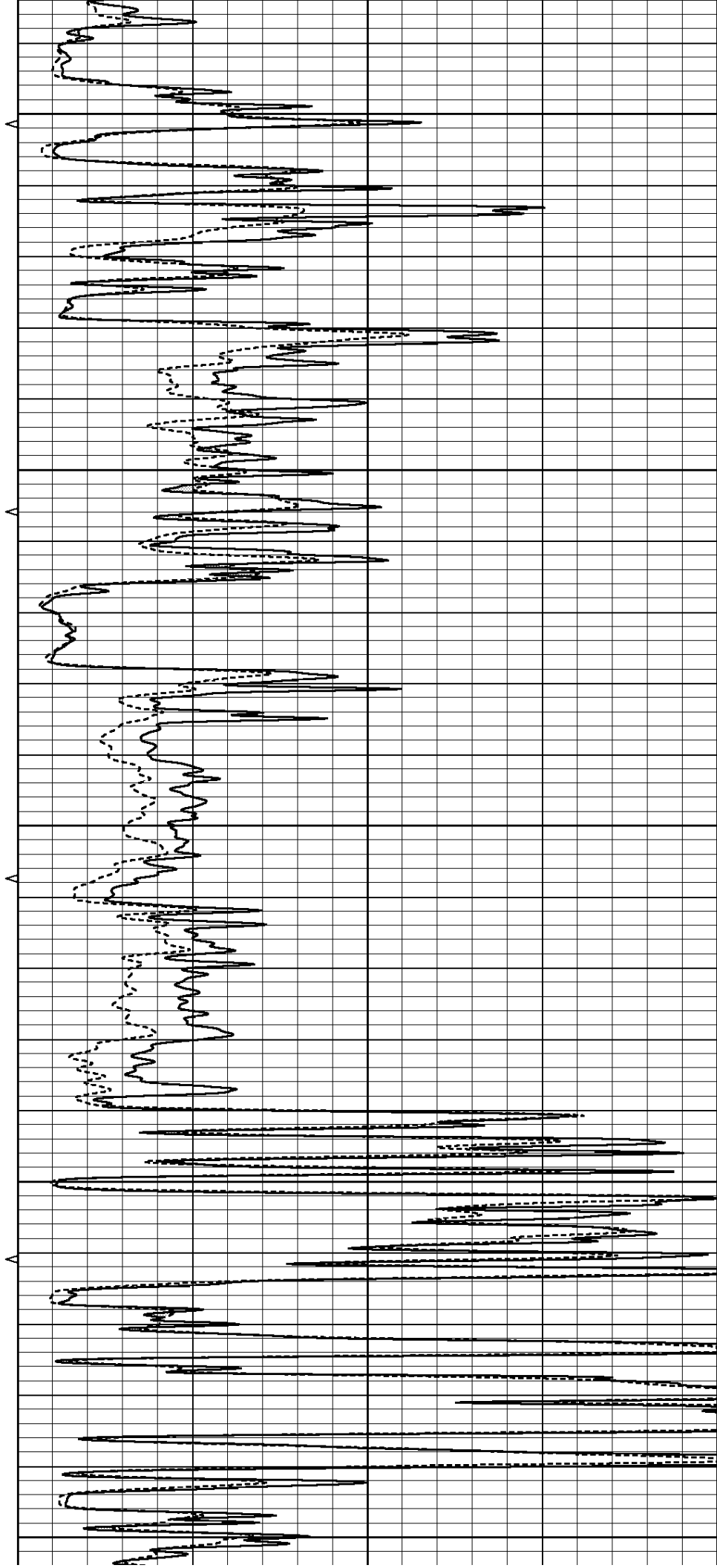
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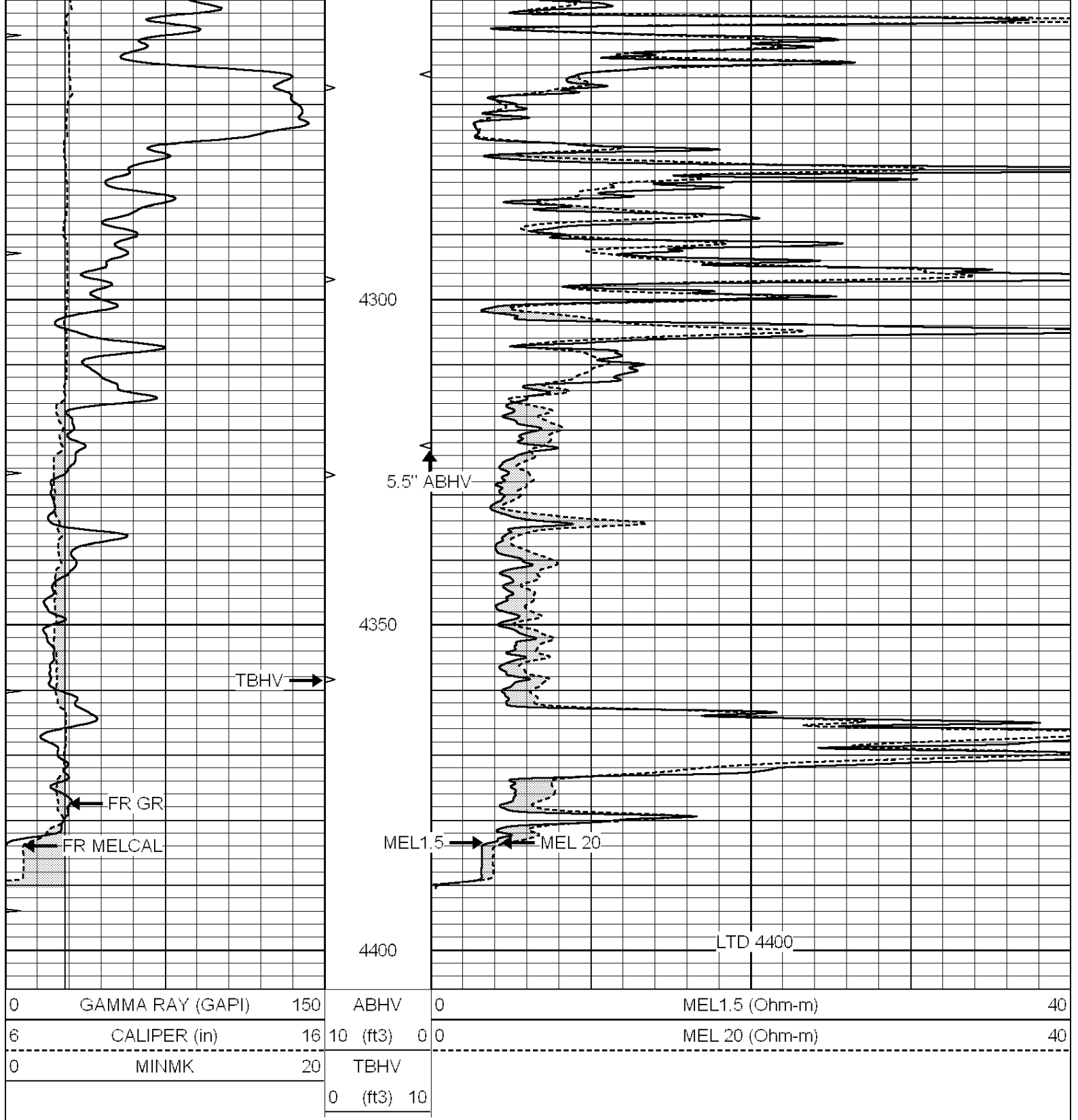
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4150

4200

4250



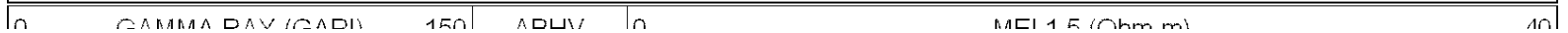


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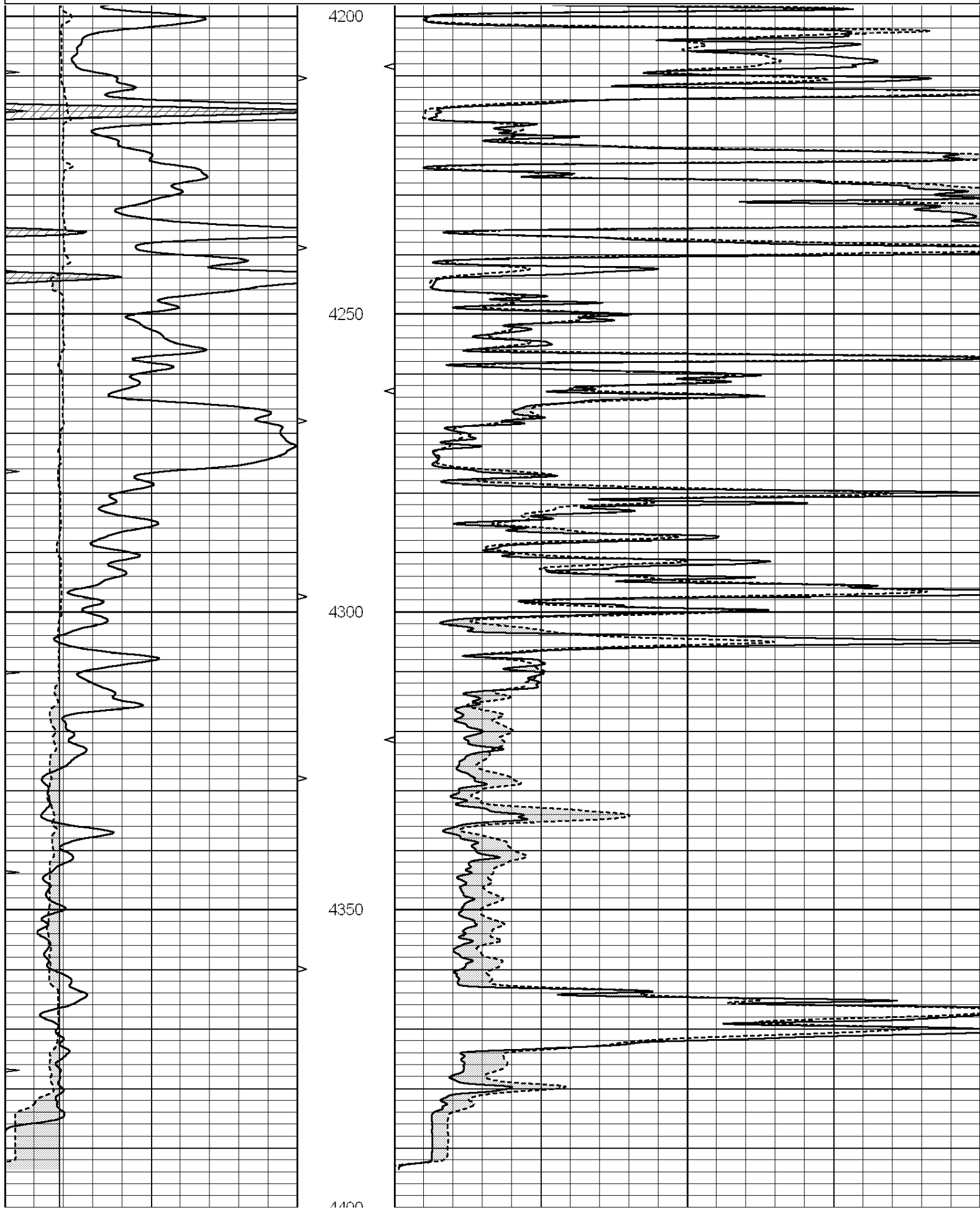
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REPEAT SECTION

Database File: 26631ddn.db
 Dataset Pathname: pass5.2
 Presentation Format: micro
 Dataset Creation: Fri Aug 07 22:53:23 2015 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240



6	GAMMA RAY (GAPI)	150	ADIV	0	MELT 5 (Ohm-m)	40
0	CALIPER (in)	16	10 (ft3)	0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



[illegible]