



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company LOTUS OPERATING COMPANY, LLC.
Well #3 PLATT "A"
Field HARDTNER
County BARBER
State KANSAS

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Well #3 PLATT "A"
Field HARDTNER
County BARBER State KANSAS

Location: API # : 15-007-23974-0000
1485' FSL & 1320' FEL
SEC 1 TWP 35S RGE 13W
Permanent Datum GROUND LEVEL Elevation 1461
Log Measured From KELLY BUSHING 17' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
DIL/SONIC
Elevation
K.B. 1478
D.F. 1476
G.L. 1461

Date	12/13/12
Run Number	TWO
Depth Driller	5619
Depth Logger	5506
Bottom Logged Interval	5484
Top Log Interval	3700
Casing Driller	10 3/4" @ 285'
Casing Logger	282
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.3/52
pH / Fluid Loss	9.5/10.4
Source of Sample	FLOWLINE
Rin @ Meas. Temp	.540 @ 85F
Rinf @ Meas. Temp	.405 @ 85F
Rinc @ Meas. Temp	.648 @ 84F
Source of Rinf / Rinc	MEASUREMENT
Rin @ BHT	.350 @ 131F
Time Circulation Stopped	5.5 HOURS
Time Logger on Bottom	6:00 A.M.
Maximum Recorded Temperature	131F
Equipment Number	4854
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	TIM HELLMAN

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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
HARDTNER, KS. 1N. TO "DRIFTWOOD RD.", 1W. TO CURVE, 1/2S., W. INTO

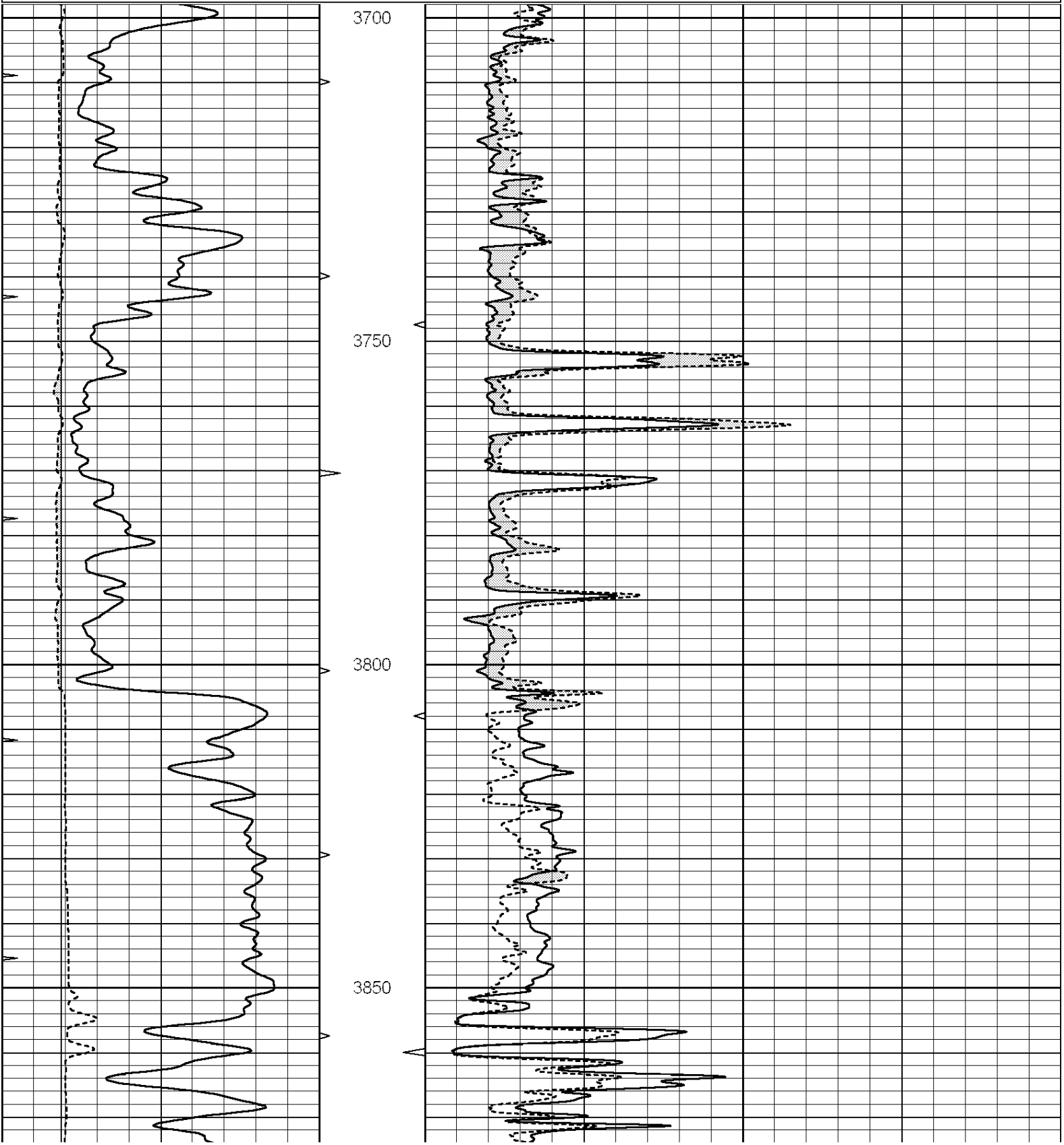


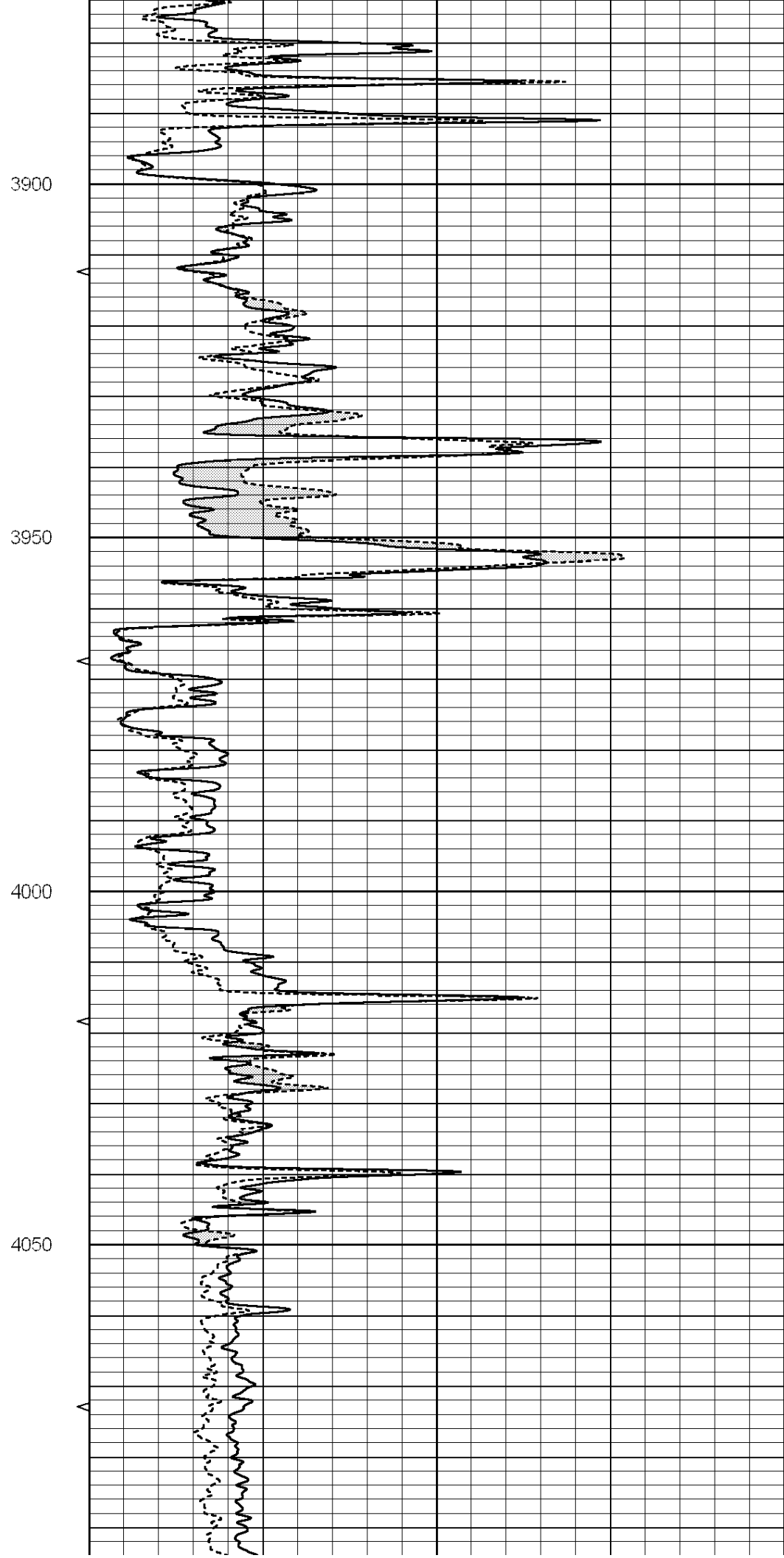
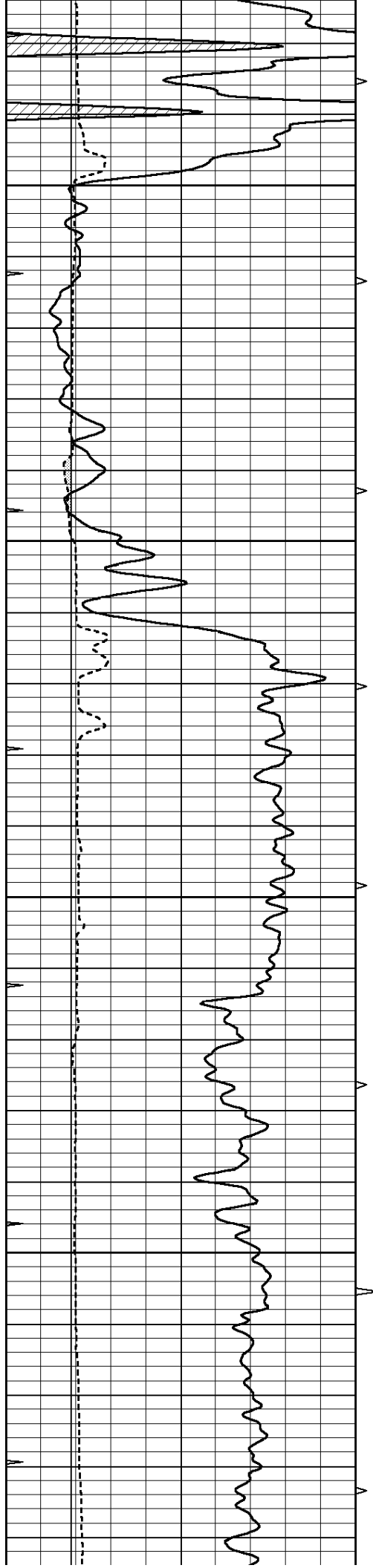
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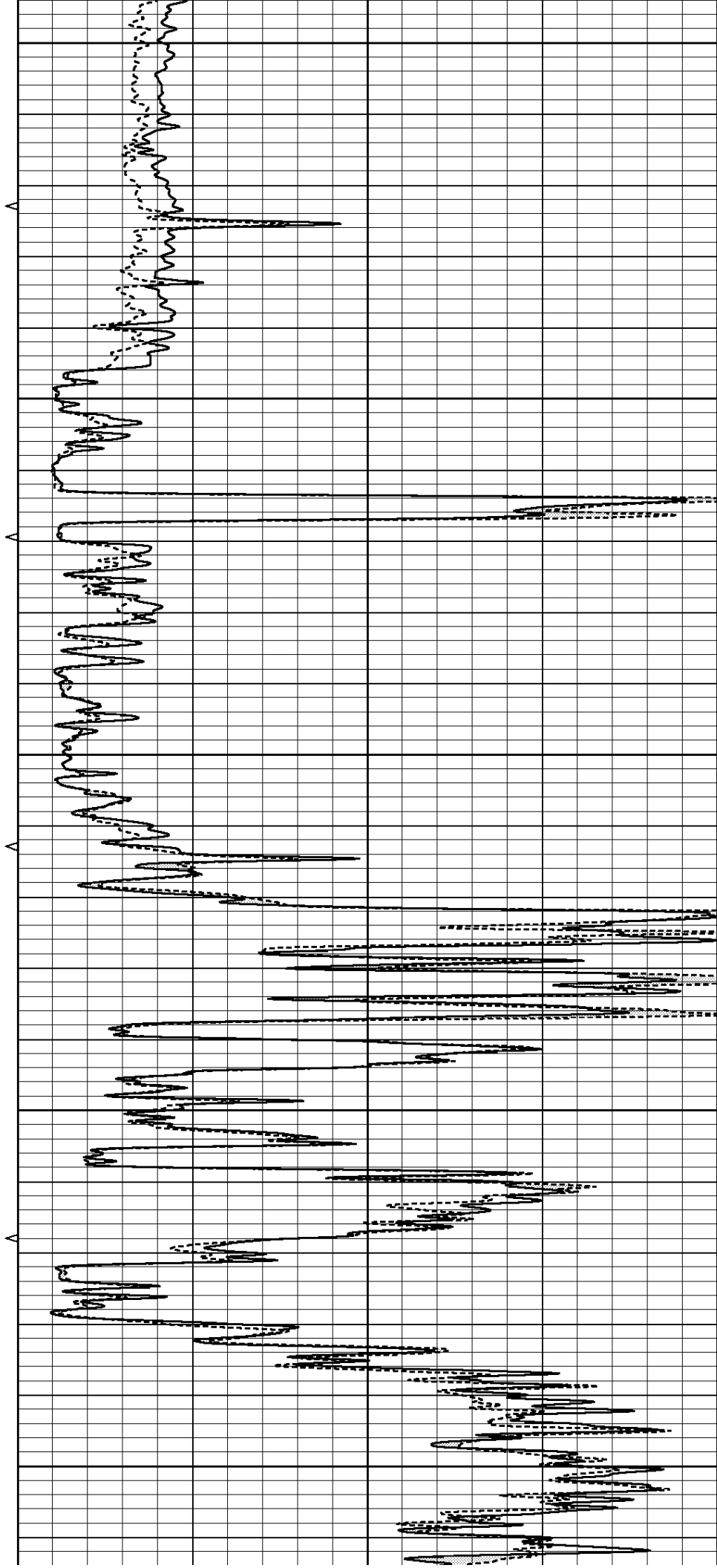
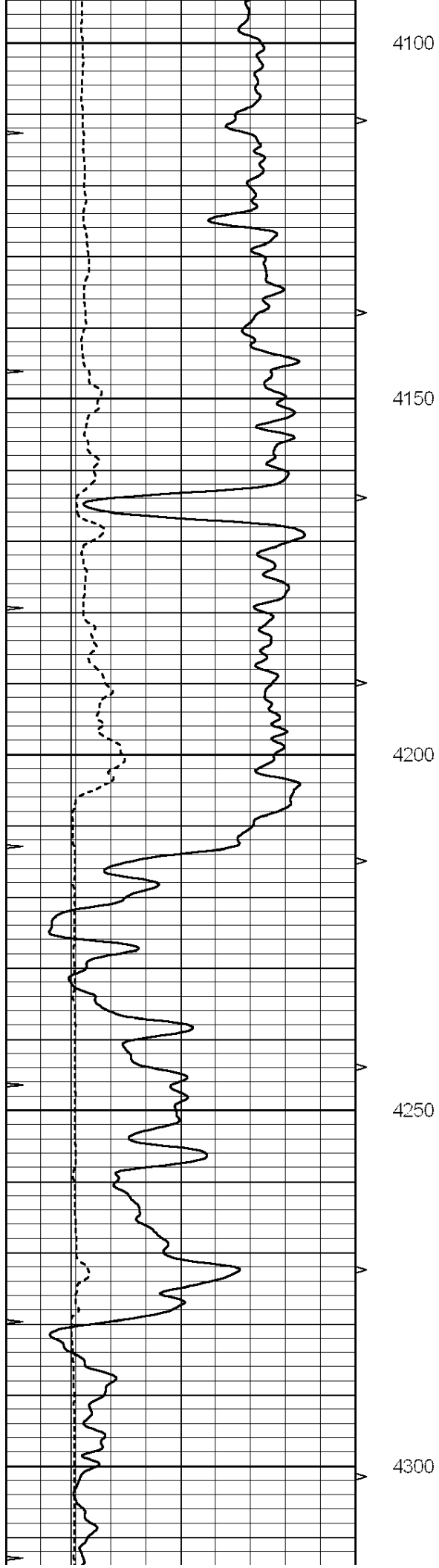
MAIN SECTION

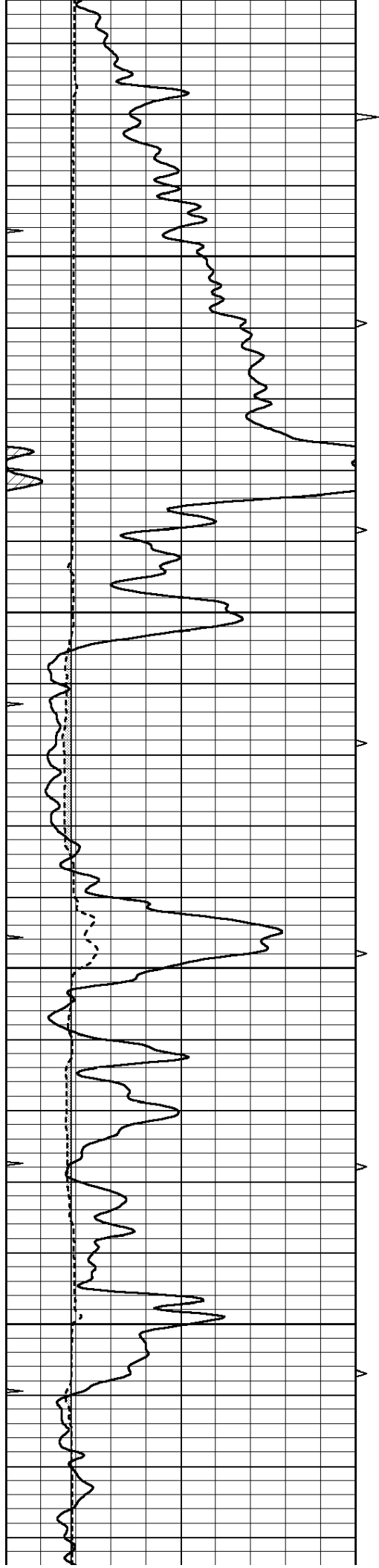
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Dataset Creation: Thu Dec 13 10:08:32 2012
Charted by: Depth in Feet scaled 1:240

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		







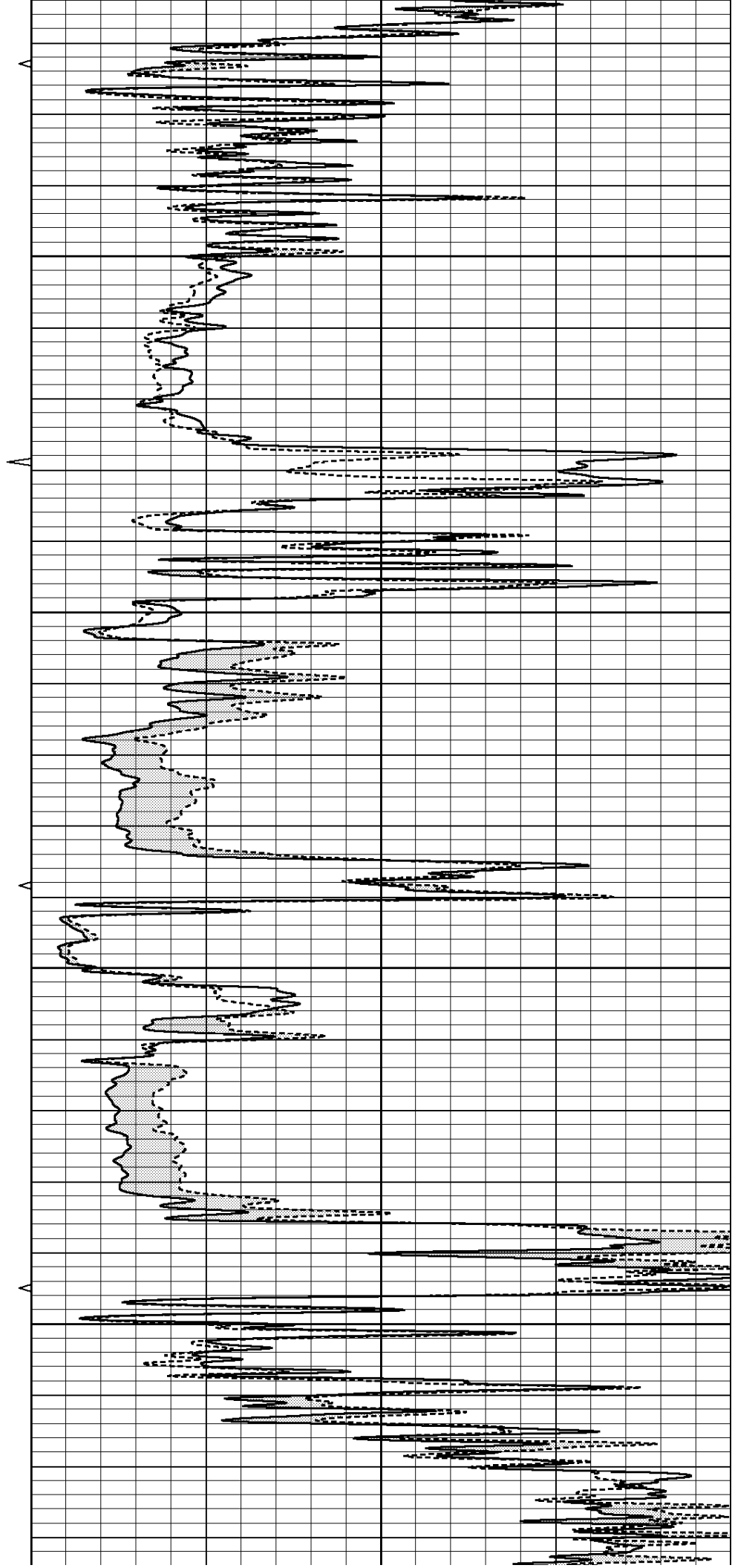


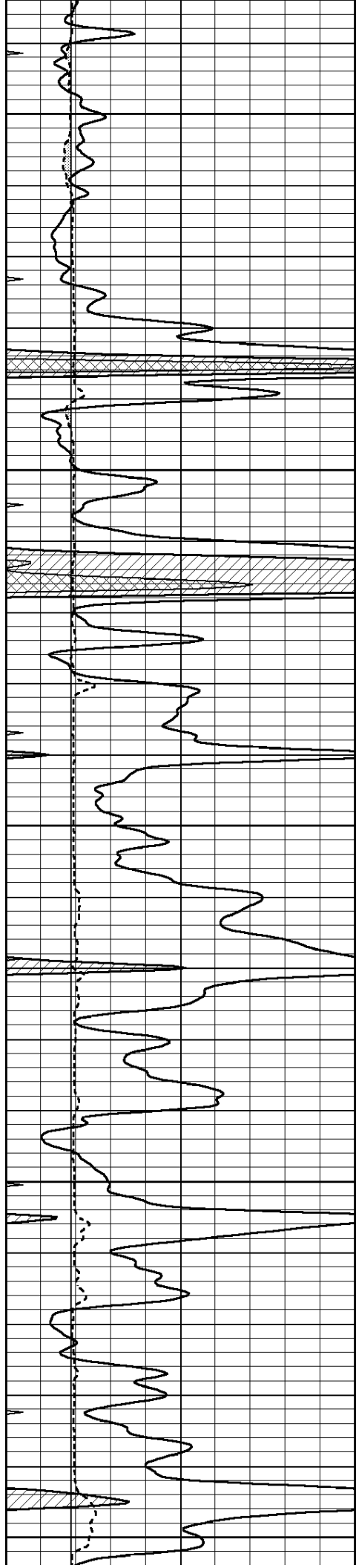
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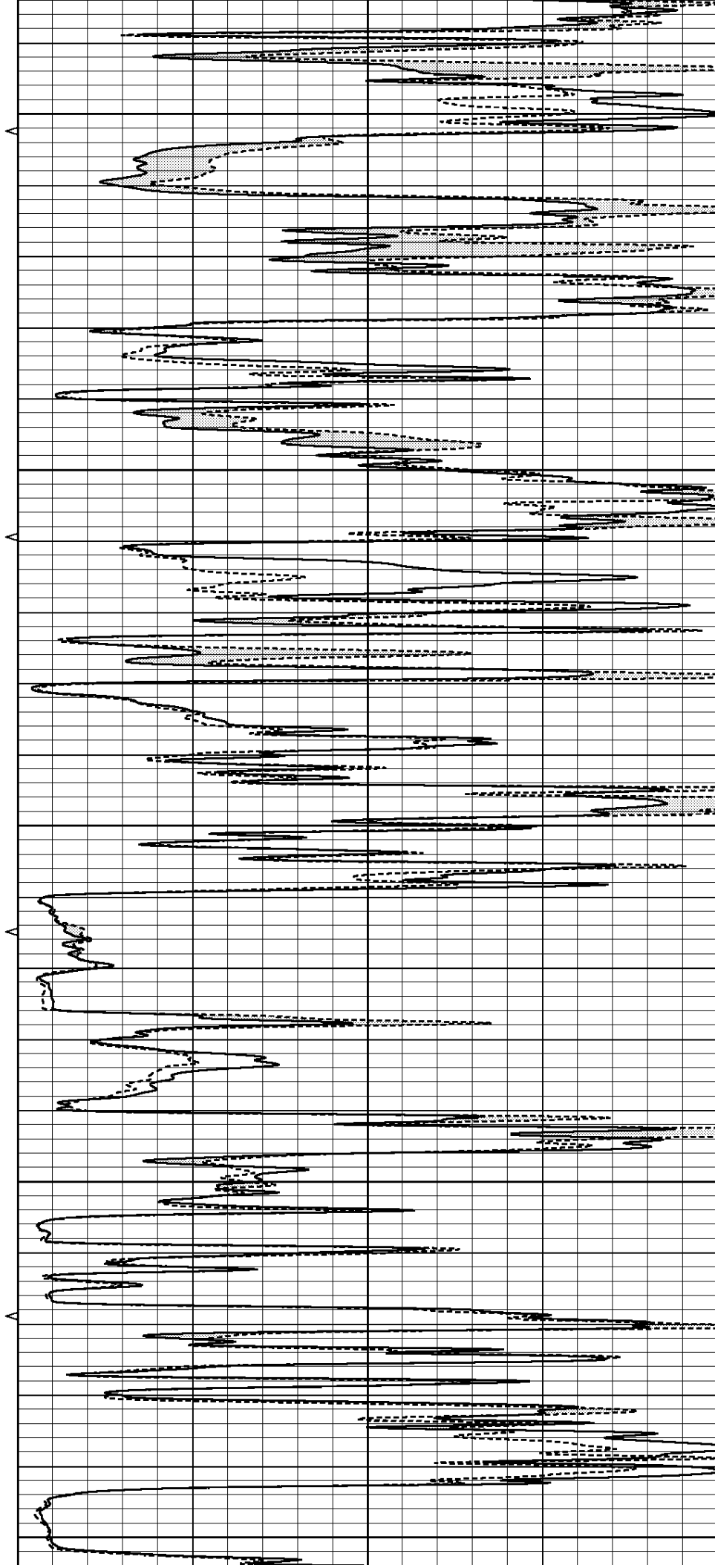
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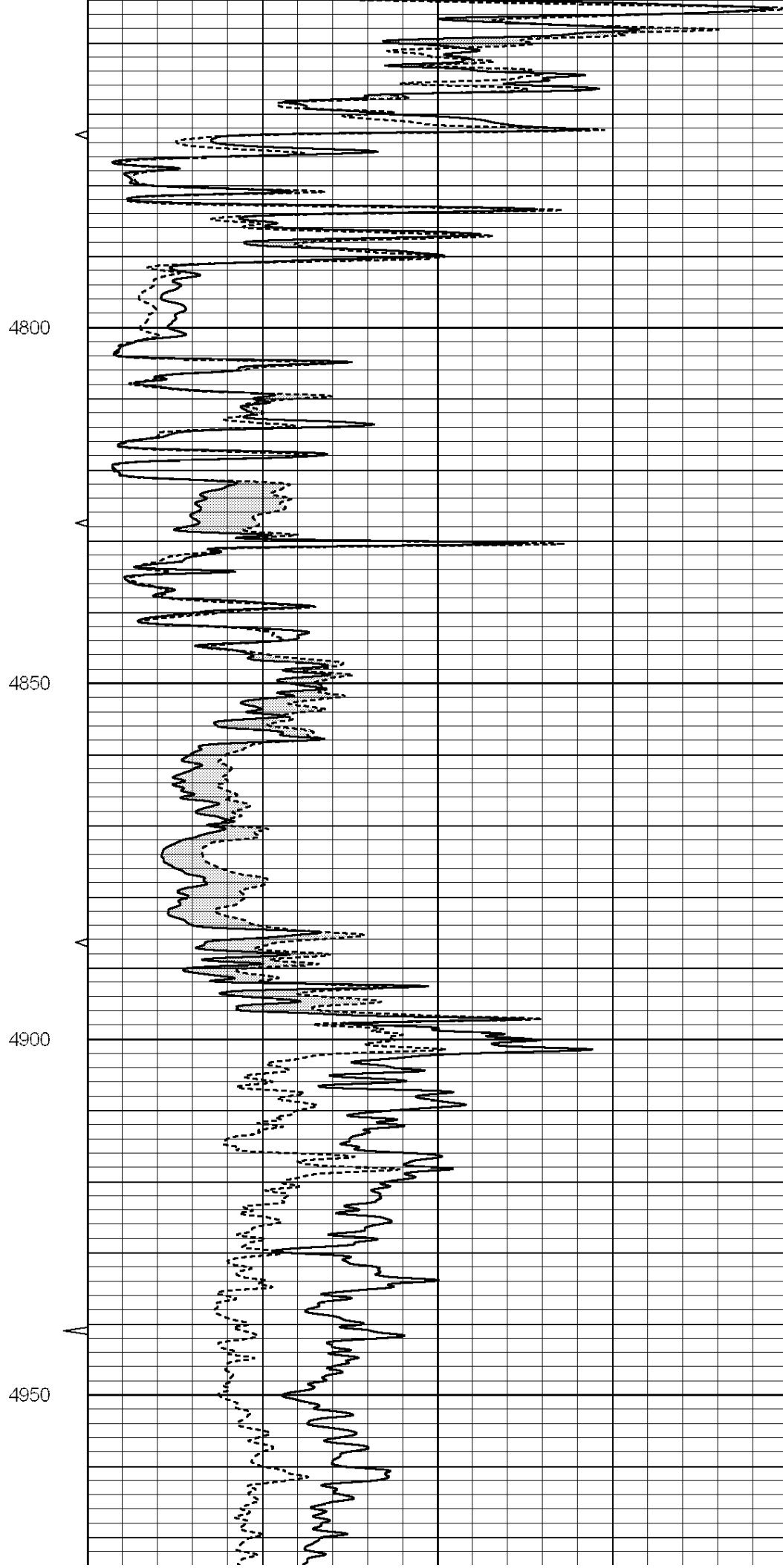
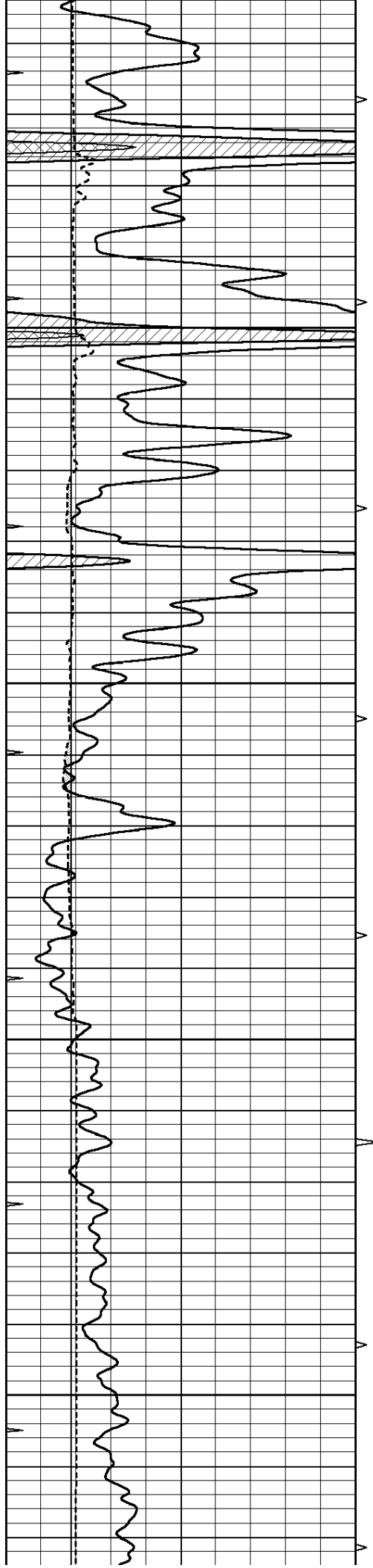
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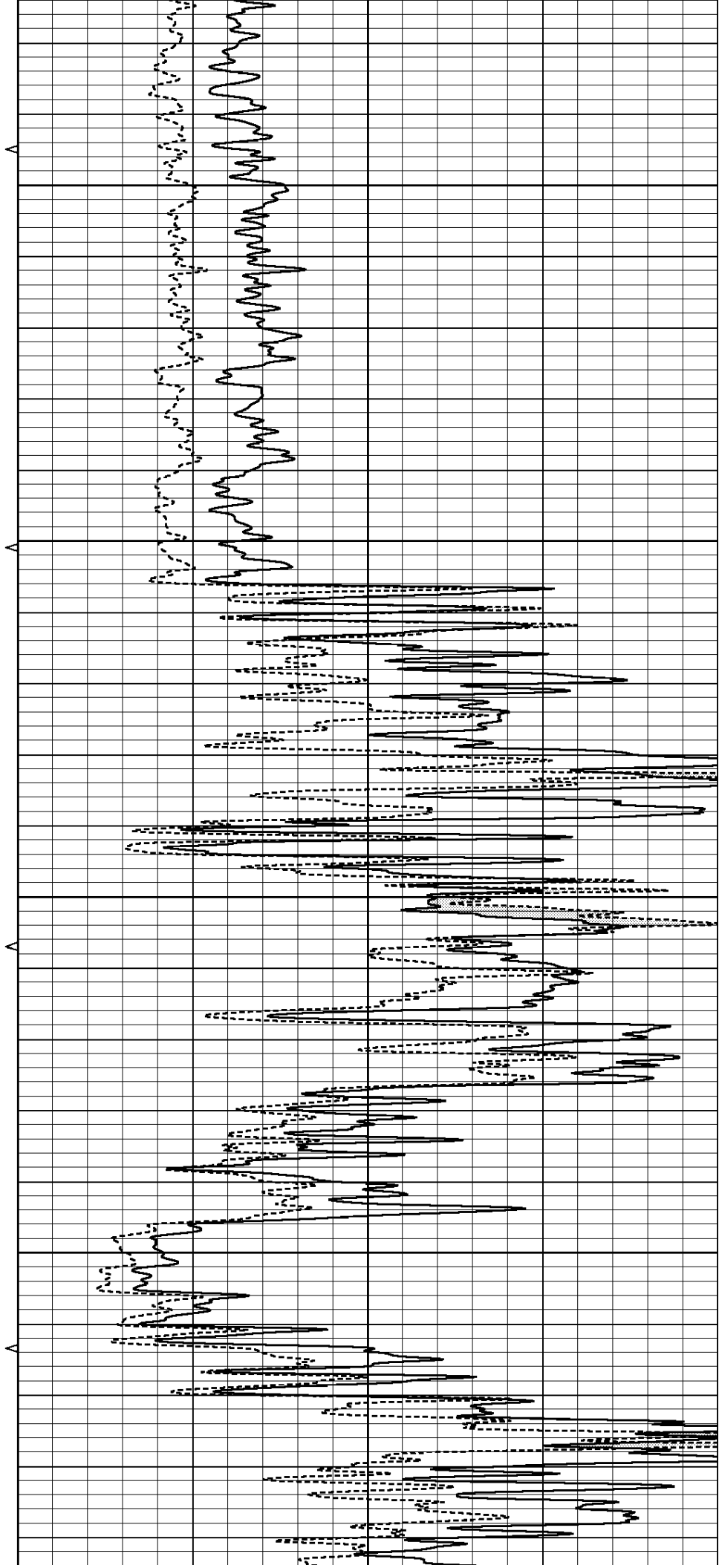
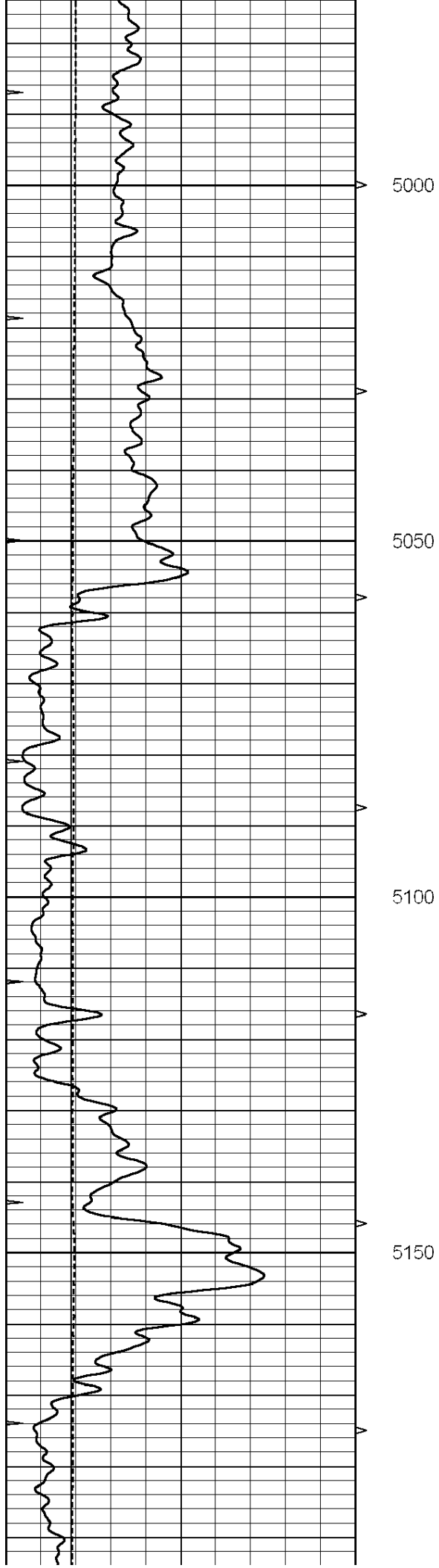
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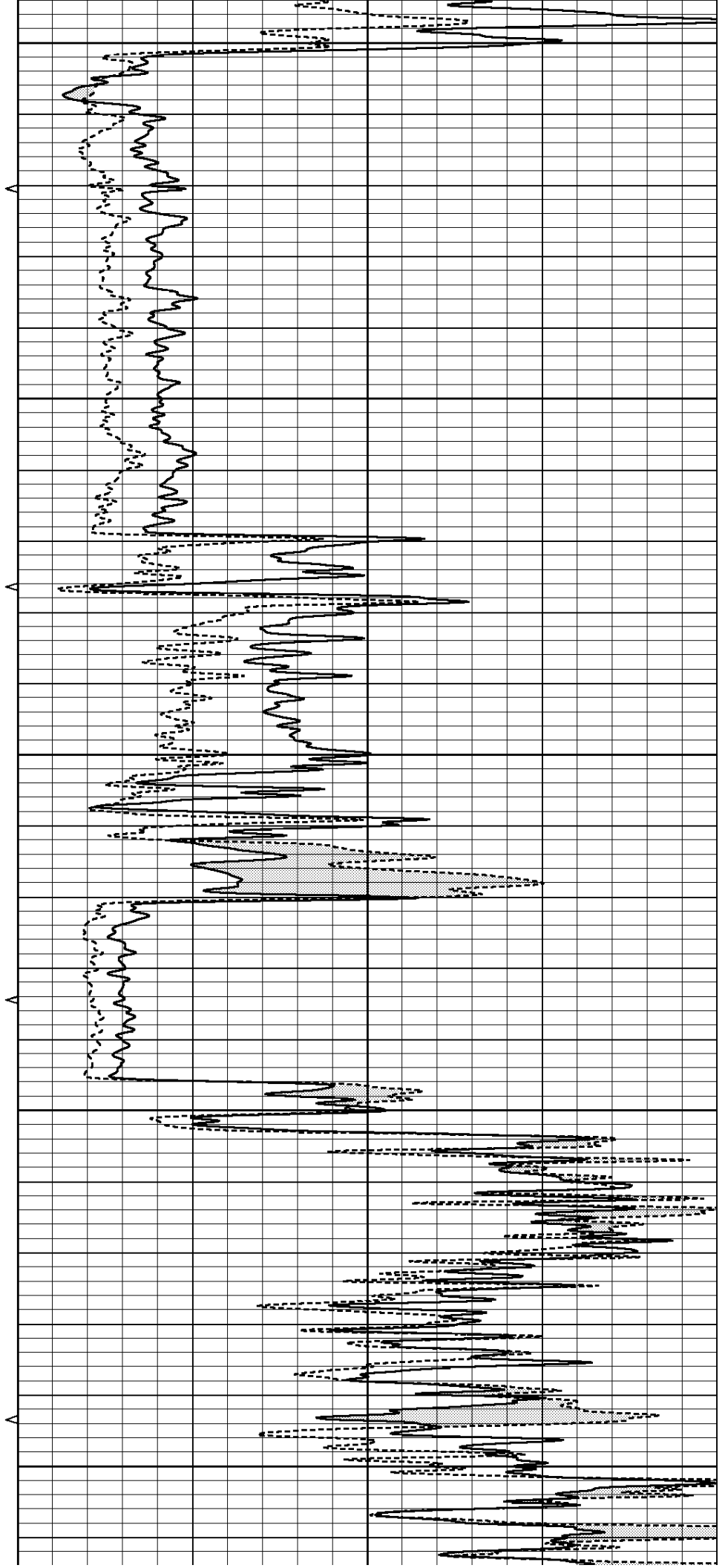
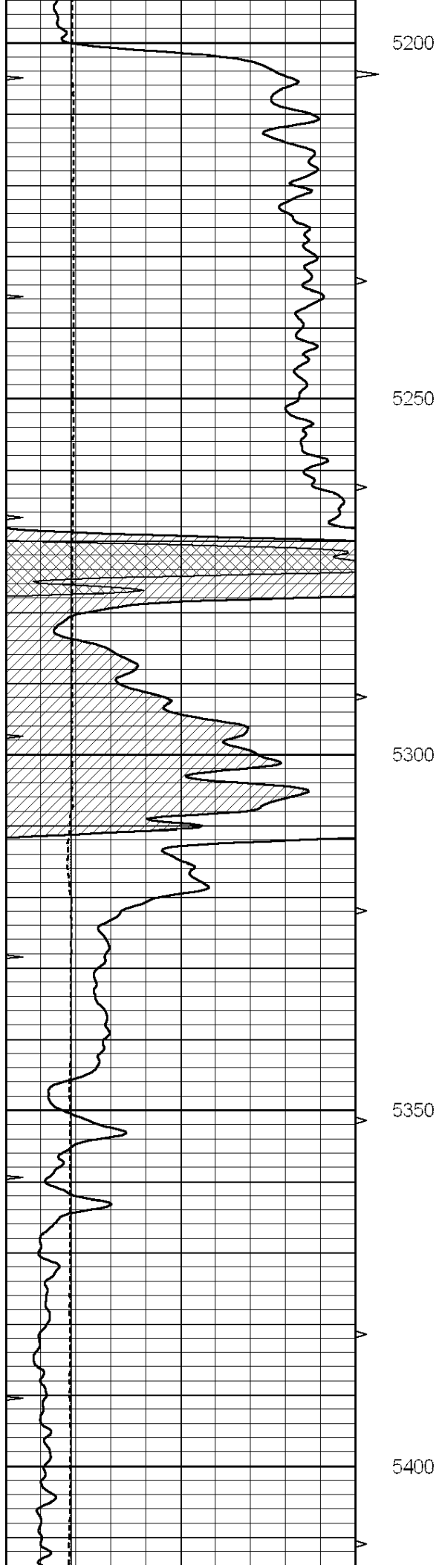
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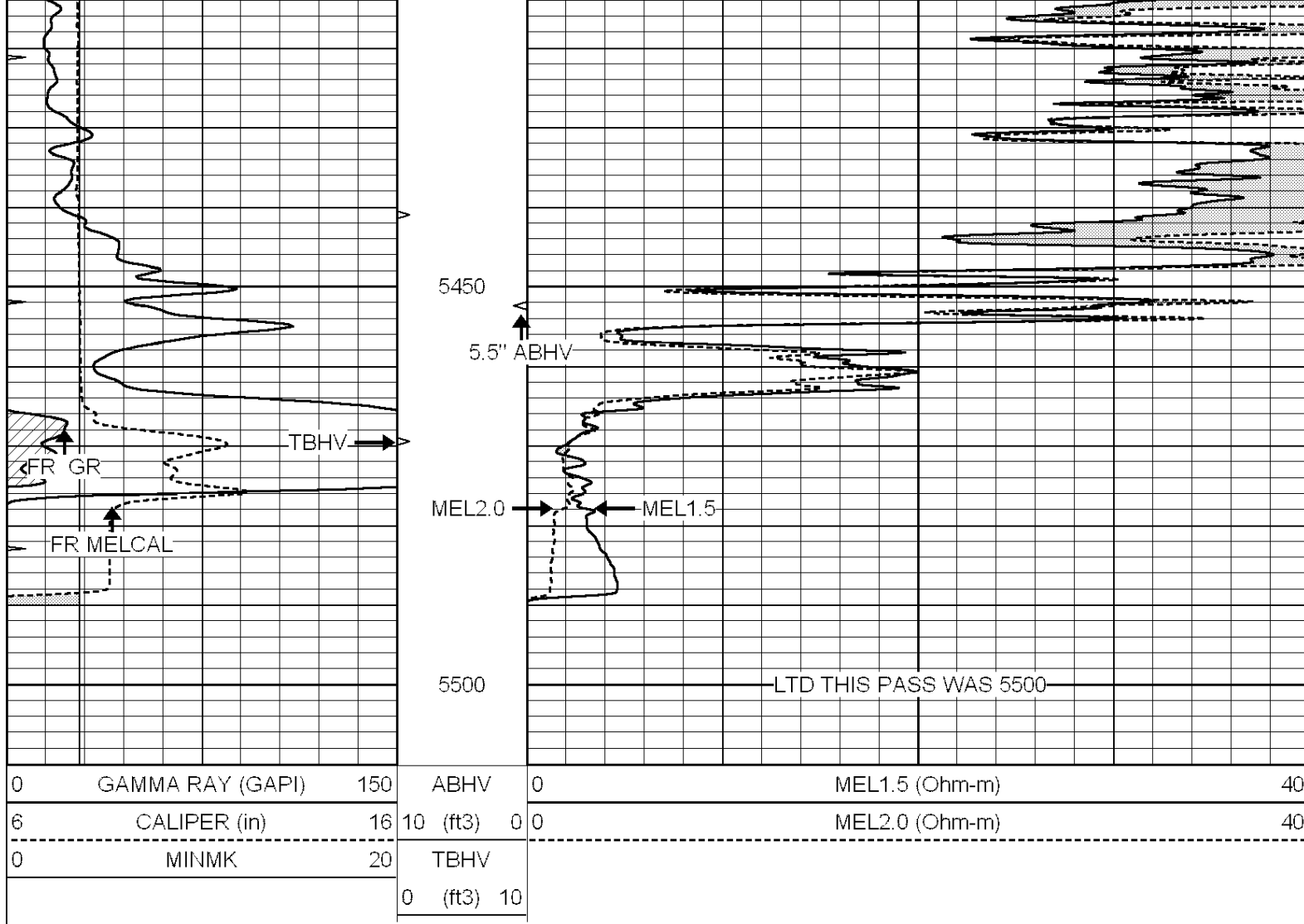
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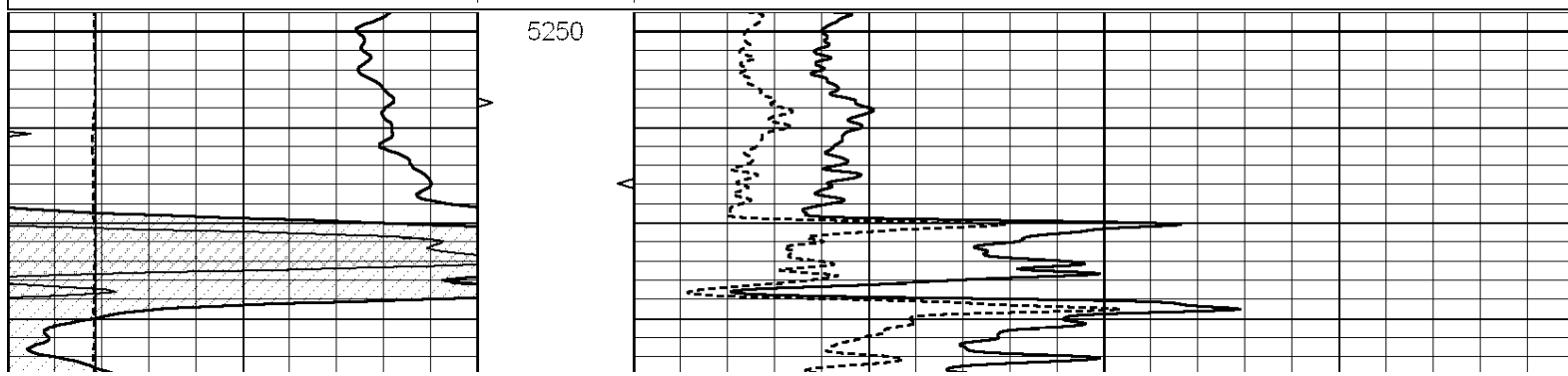


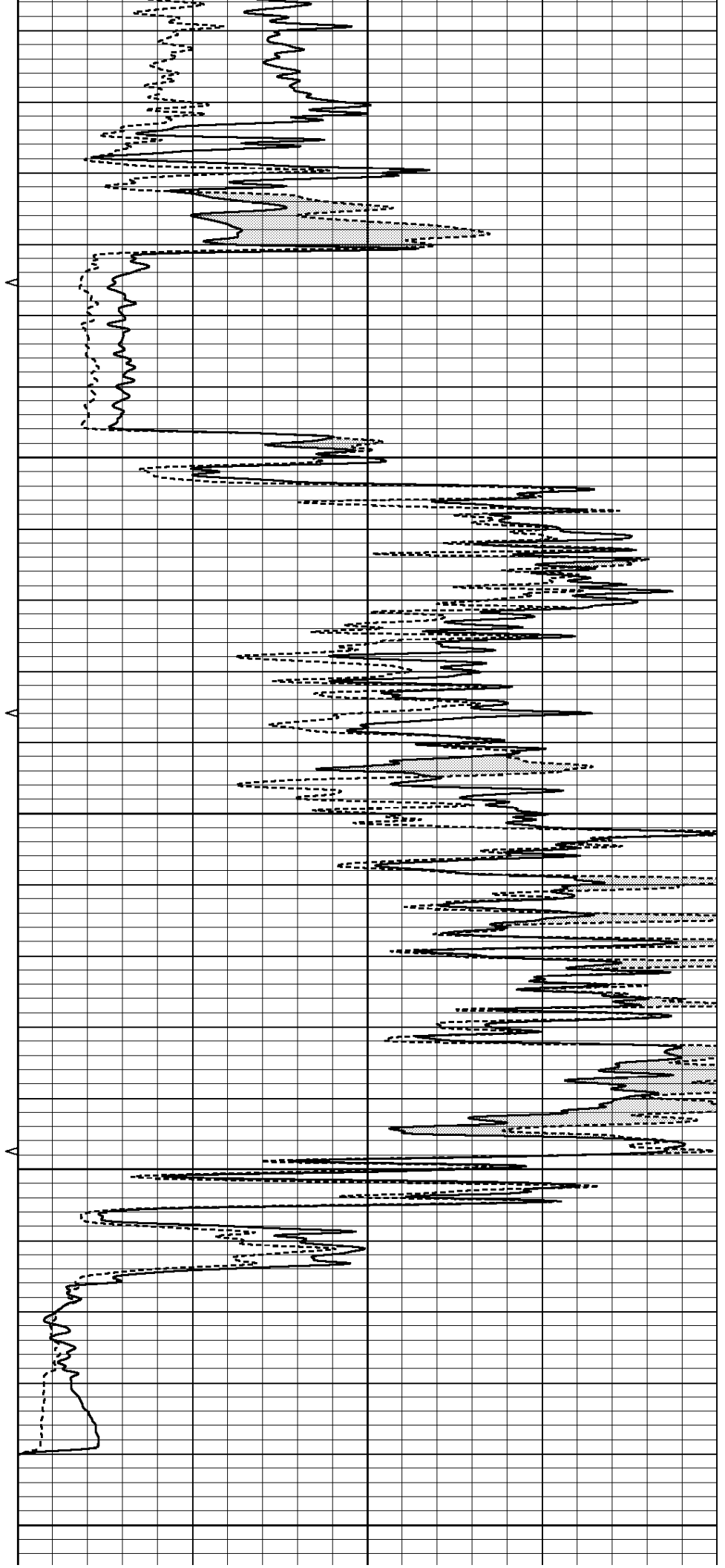
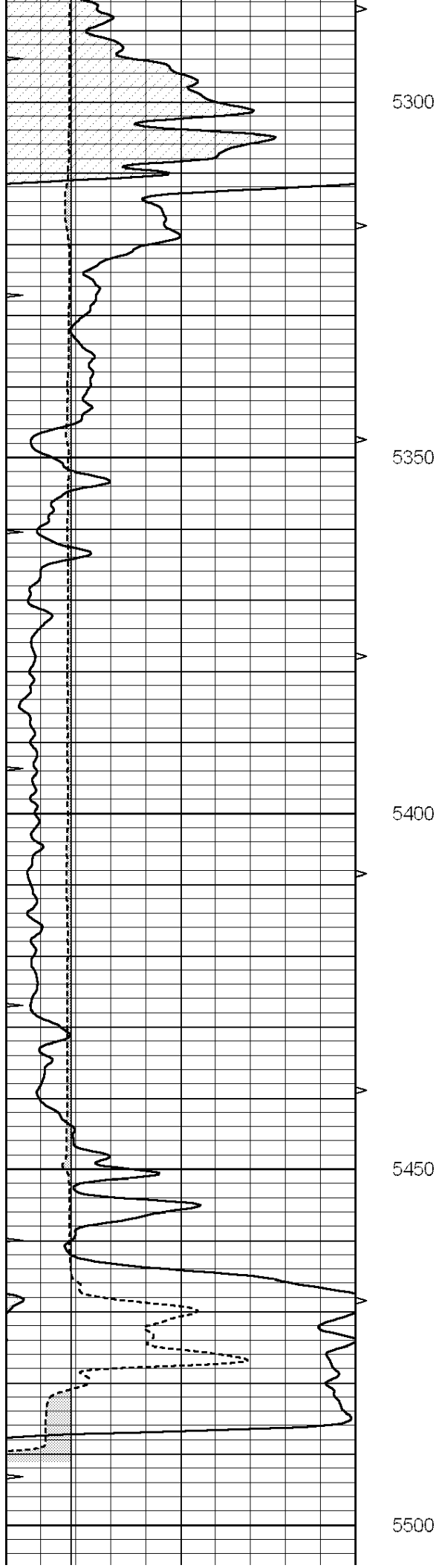
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REPEAT SECTION

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6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





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