



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company CASTELLI EXPLORATION, INC.
Well DUNN #1-25
Field SHIMER
County COMANCHE
State KANSAS

Company	CASTELLI EXPLORATION, INC.	Location:	AP1 # : 15-033-21746-0000	Other Services
Well	DUNN #1-25		480' FNL & 425' FEL	CDL/CNL/PE
Field	SHIMER		SW - NE - NE - NE	DIL
County	COMANCHE			
State	KANSAS			
SEC 25 TWP 33S RGE 17W		Permanent Datum	GROUND LEVEL	Elevation 1832
		Log Measured From	KELLY BUSHING 12' A.G.L.	K.B. 1844
		Drilling Measured From	KELLY BUSHING	D.F. 1842
				G.L. 1832

Date	2/8/14
Run Number	TWO
Depth Driller	5750
Depth Logger	5730
Bottom Logged Interval	5728
Top Log Interval	3900
Casing Driller	13 3/8" @ 308'
Casing Logger	308
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.1/55
pH / Fluid Loss	10.5/9.2
Source of Sample	FLOWLINE
Rim @ Meas. Temp	1.40 @ 50F
Rmf @ Meas. Temp	1.05 @ 50F
Rmc @ Meas. Temp	1.68 @ 50F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.530 @ 132F
Time Circulation Stopped	5.5 HOURS
Time Logger on Bottom	7:30 P.M.
Maximum Recorded Temperature	132F
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

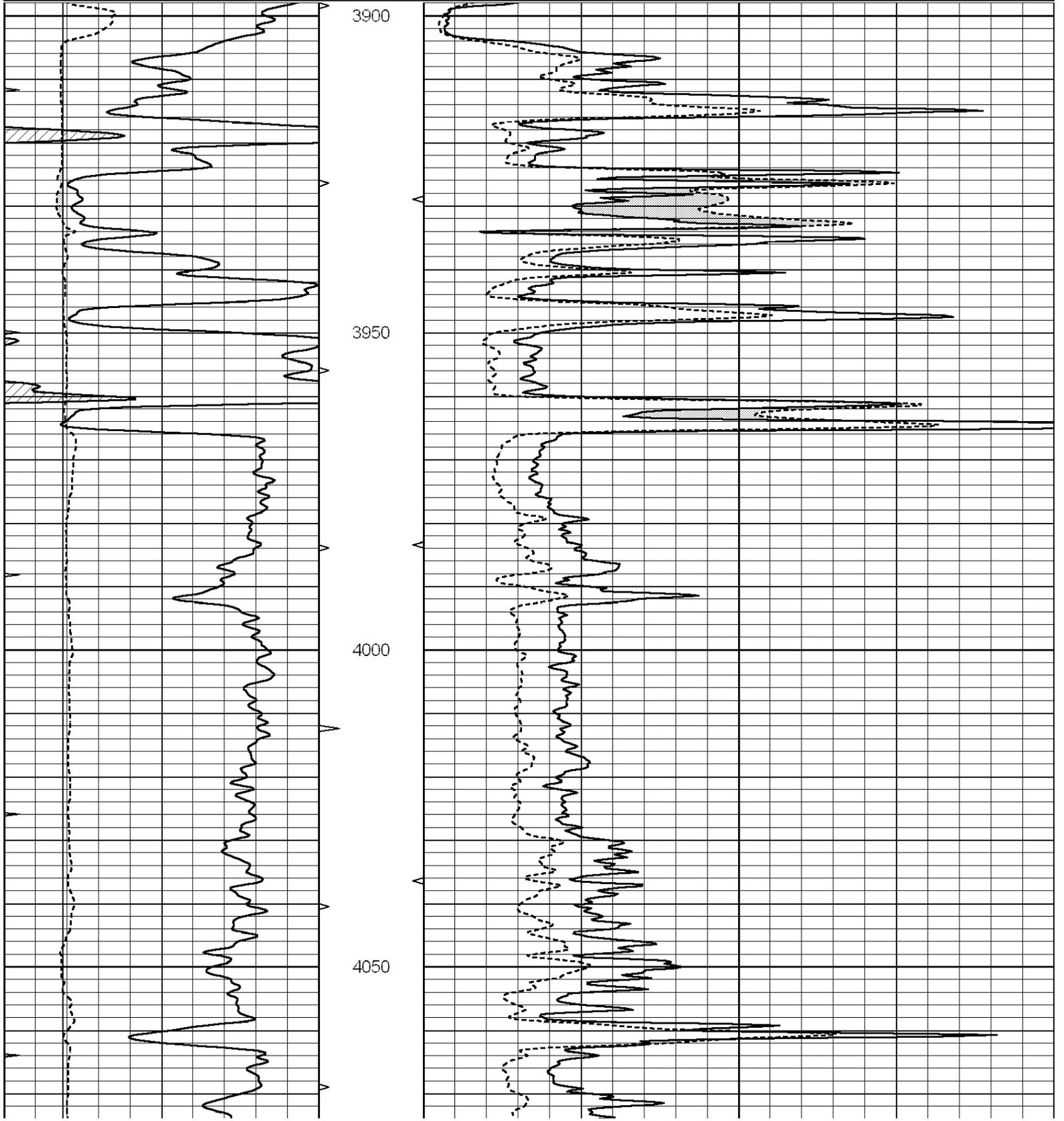
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
COLDWATER, KS. 9E. ON HWY 160 TO (MM #193)"RD.22", 4S. TO STOP SIGN, 1E. TO "RD.23", 5S. TO CURVE, 1 1/2E. TO FENCE, FOLLOW TRAIL 1 MILE, N. & E. & S. AROUND OLD FARMSTEAD TO LOCATI

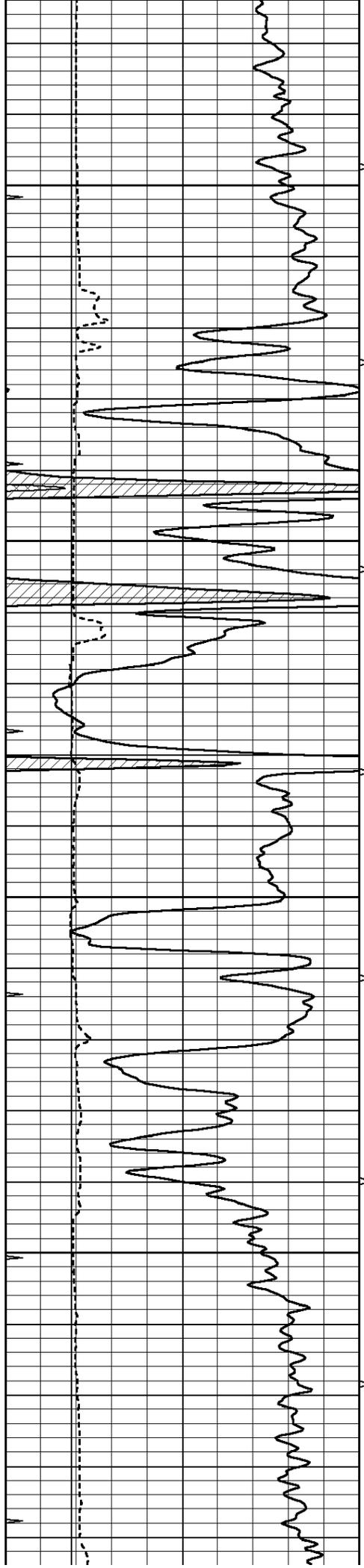


MAIN SECTION

Database File: 22248pe.db
 Dataset Pathname: pass8.4
 Presentation Format: micro
 Dataset Creation: Sun Feb 09 00:28:12 2014
 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		



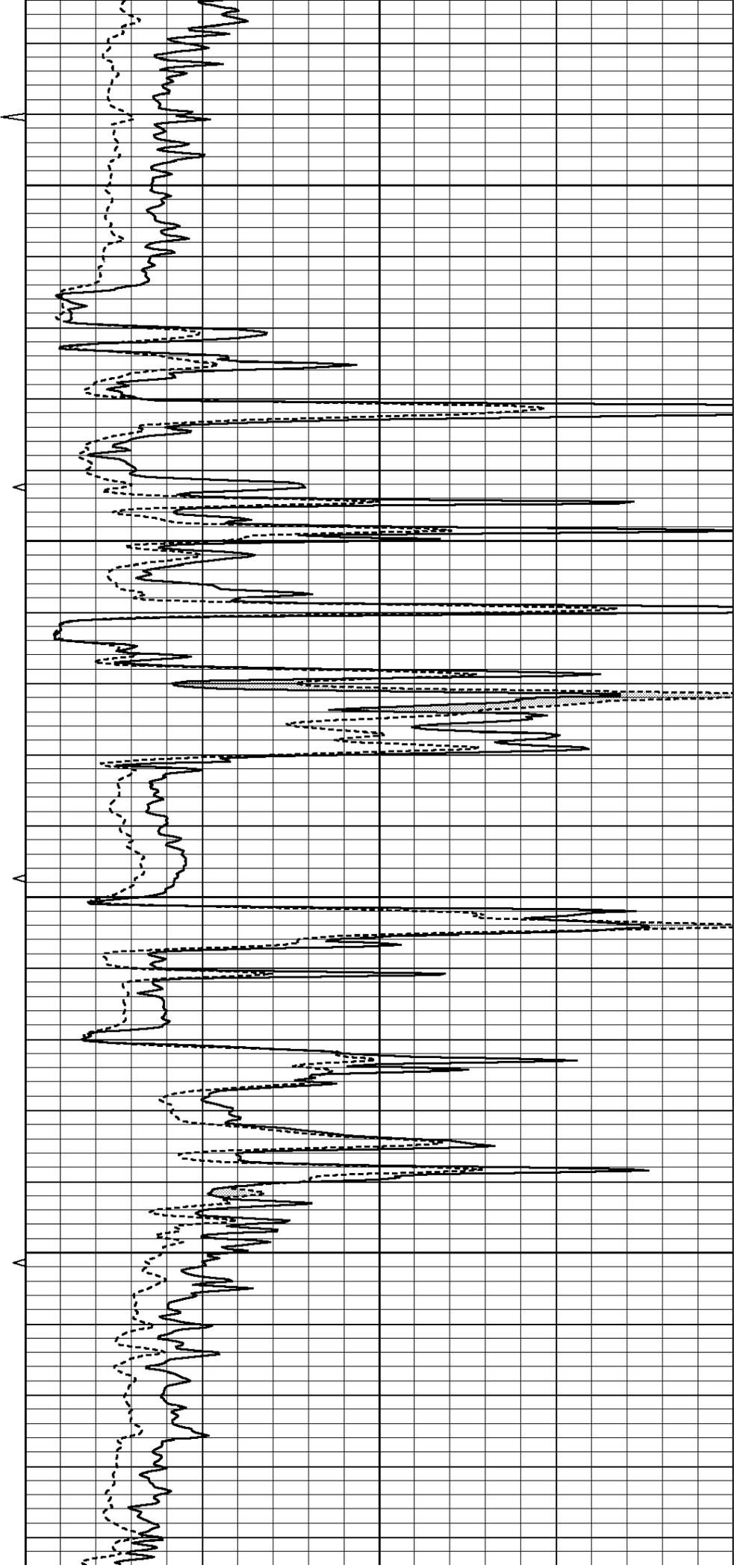


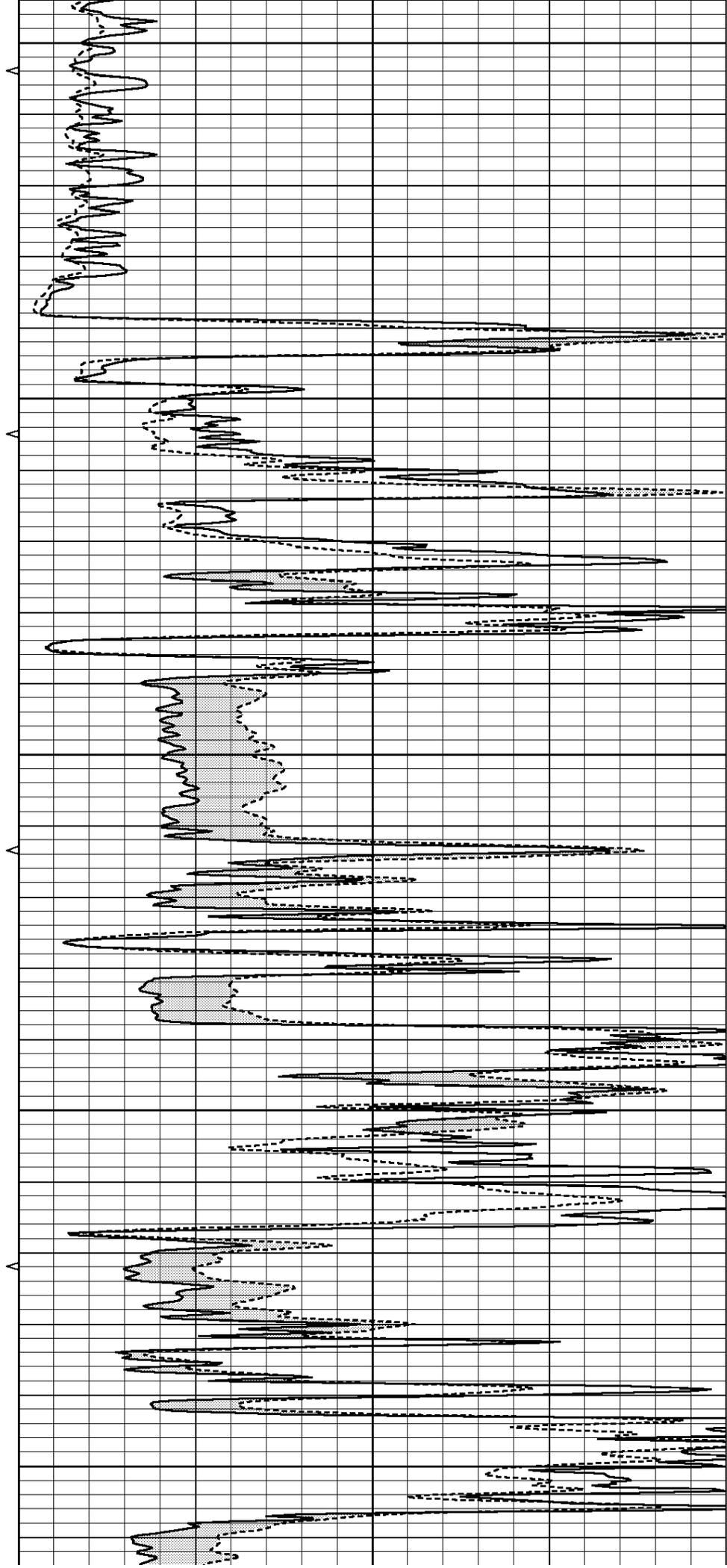
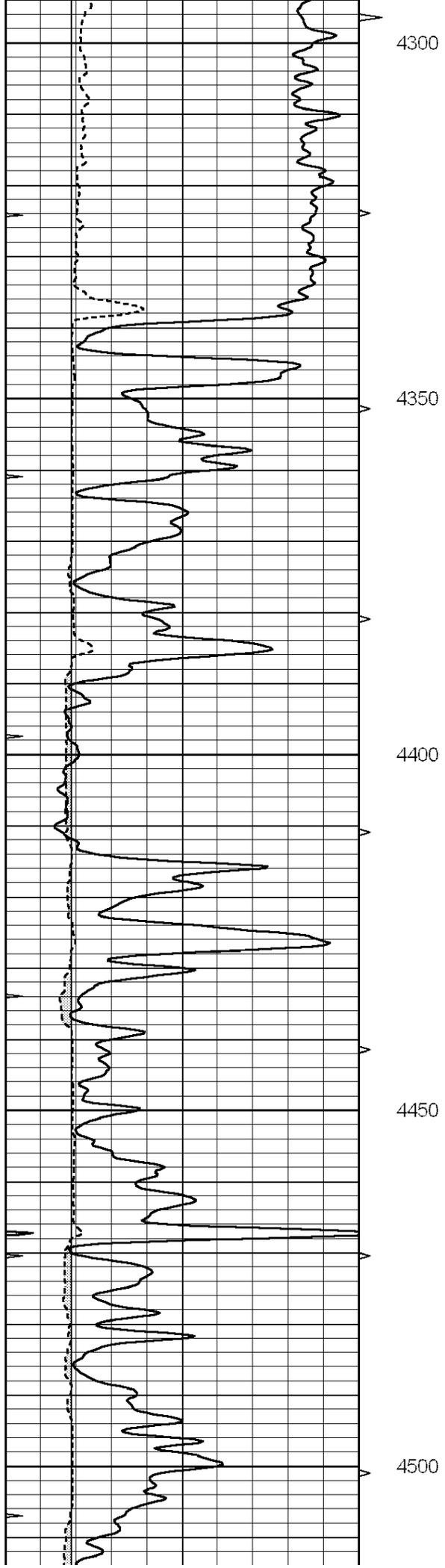
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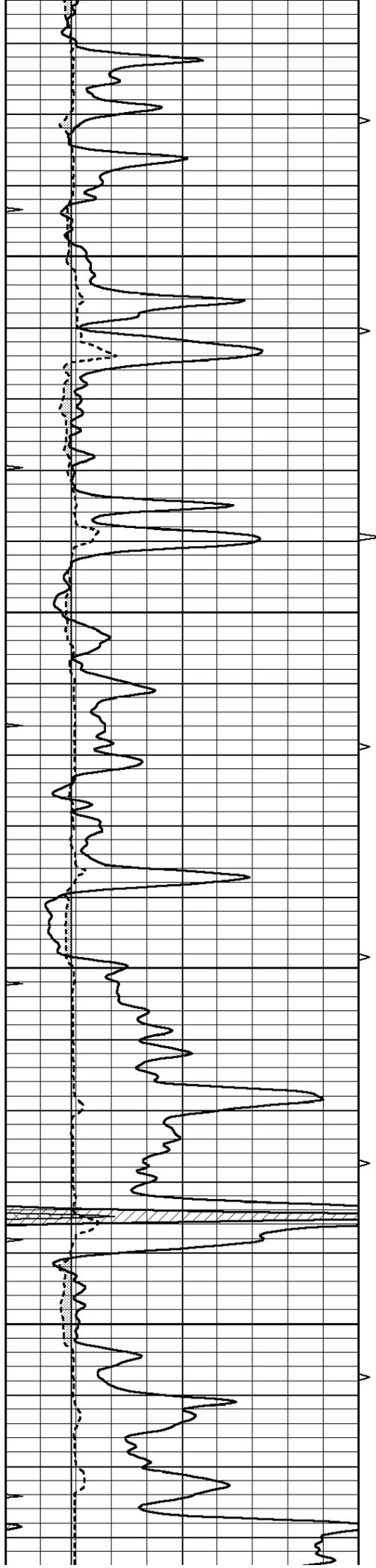
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4250





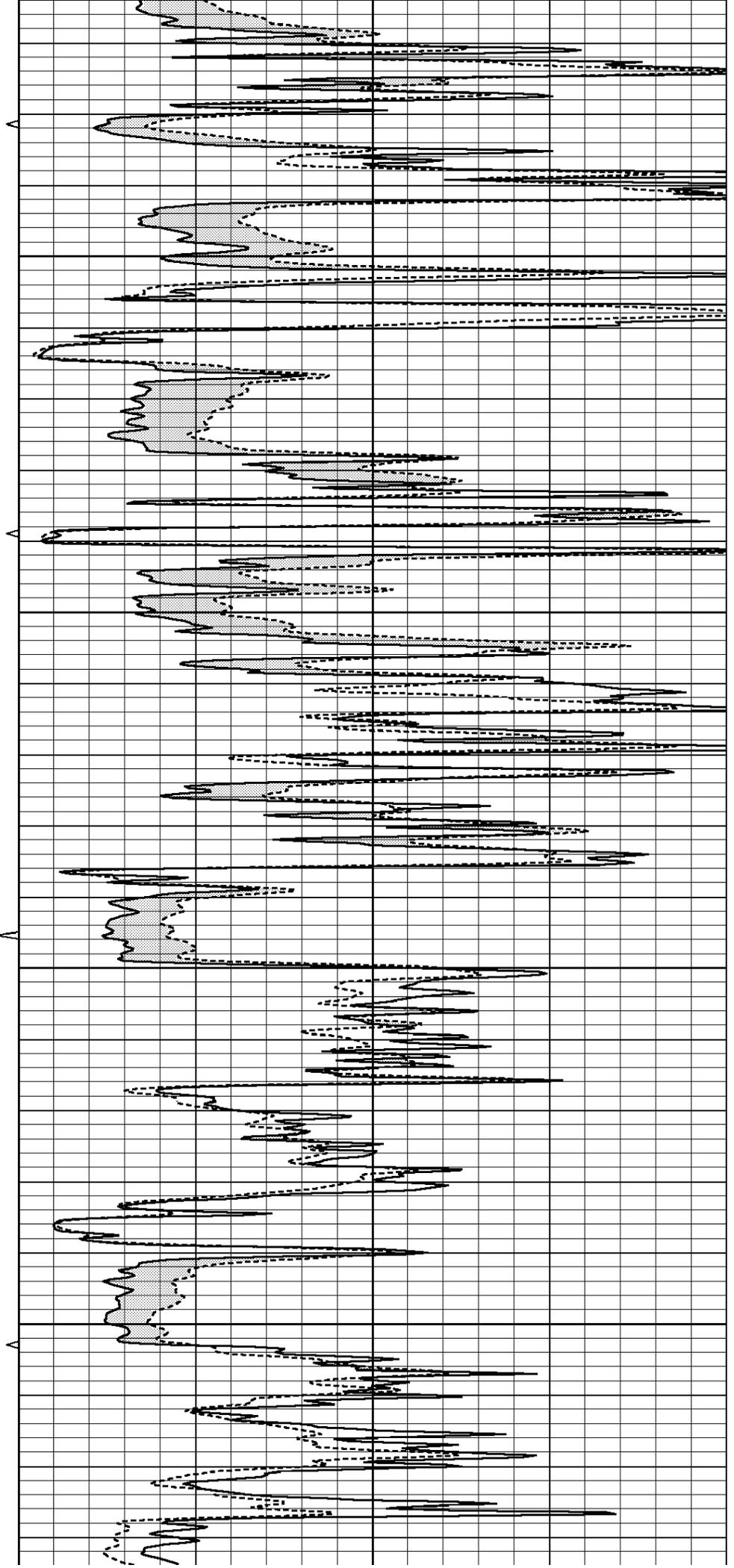


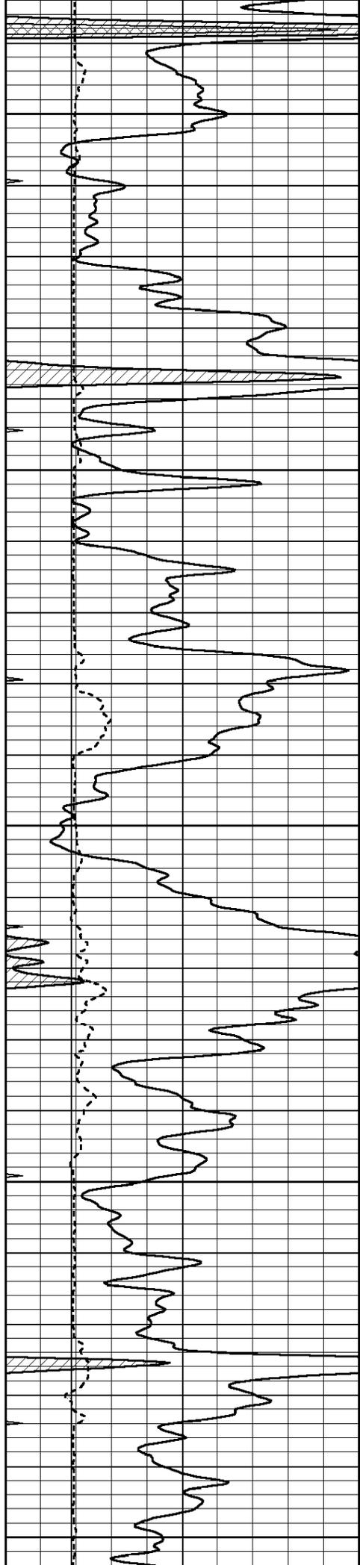
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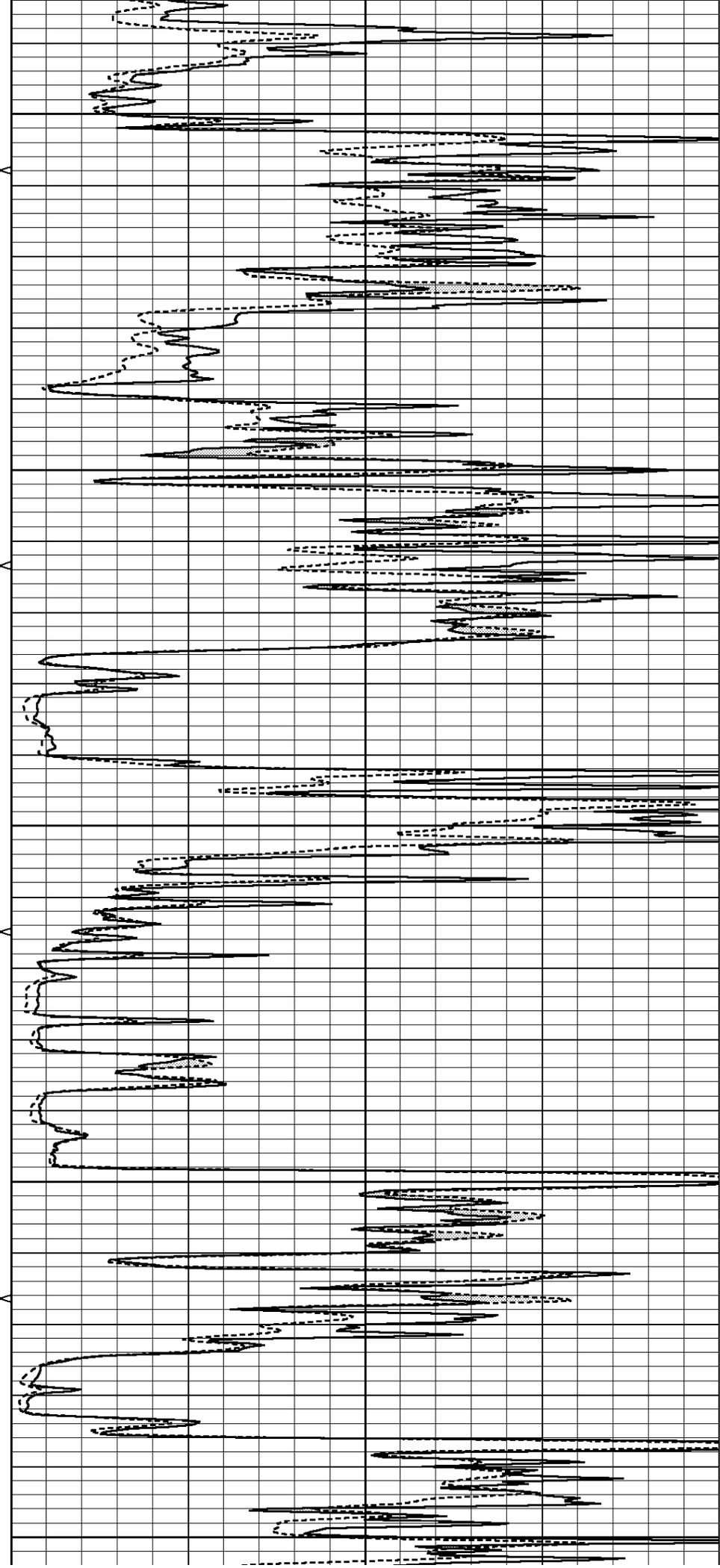
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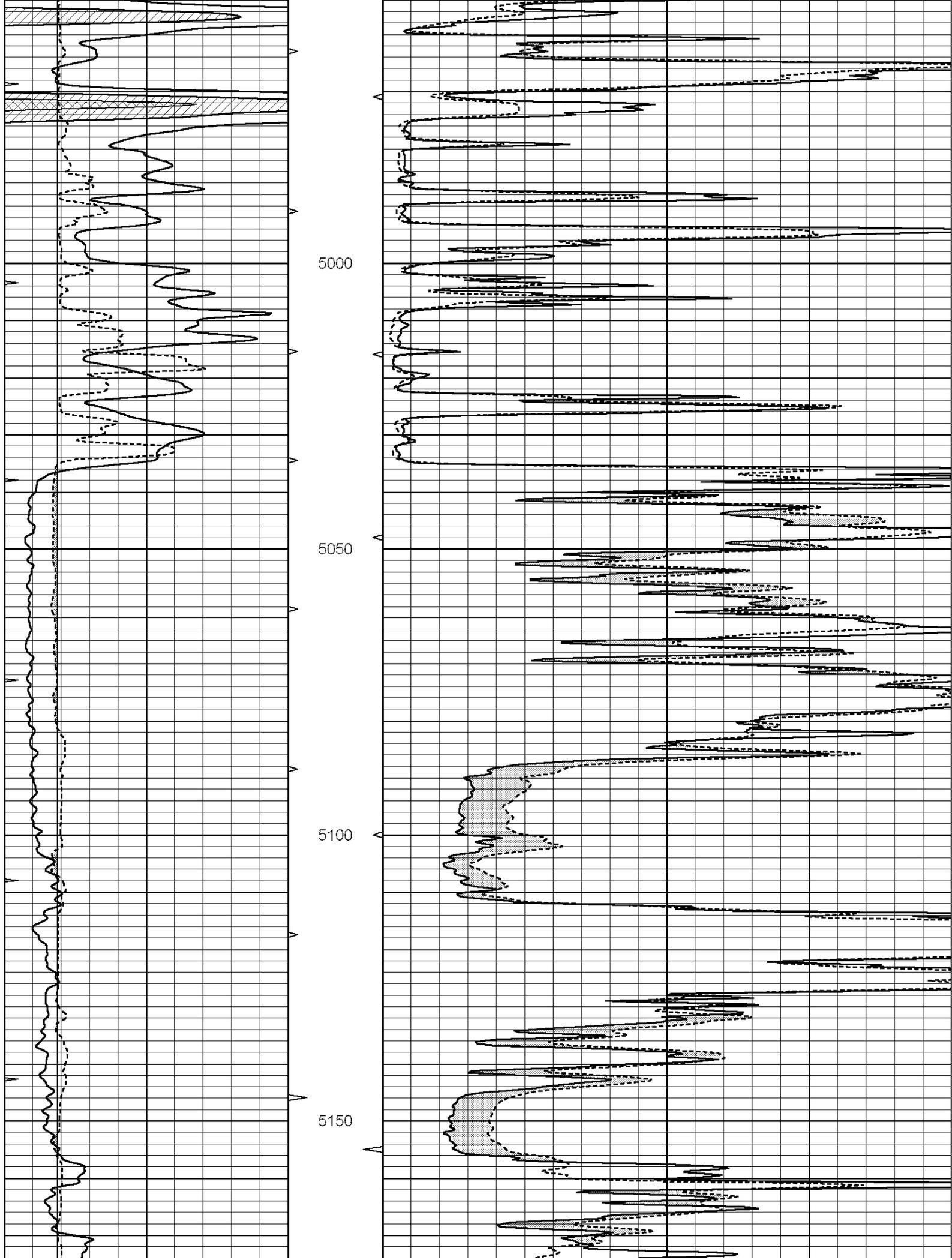
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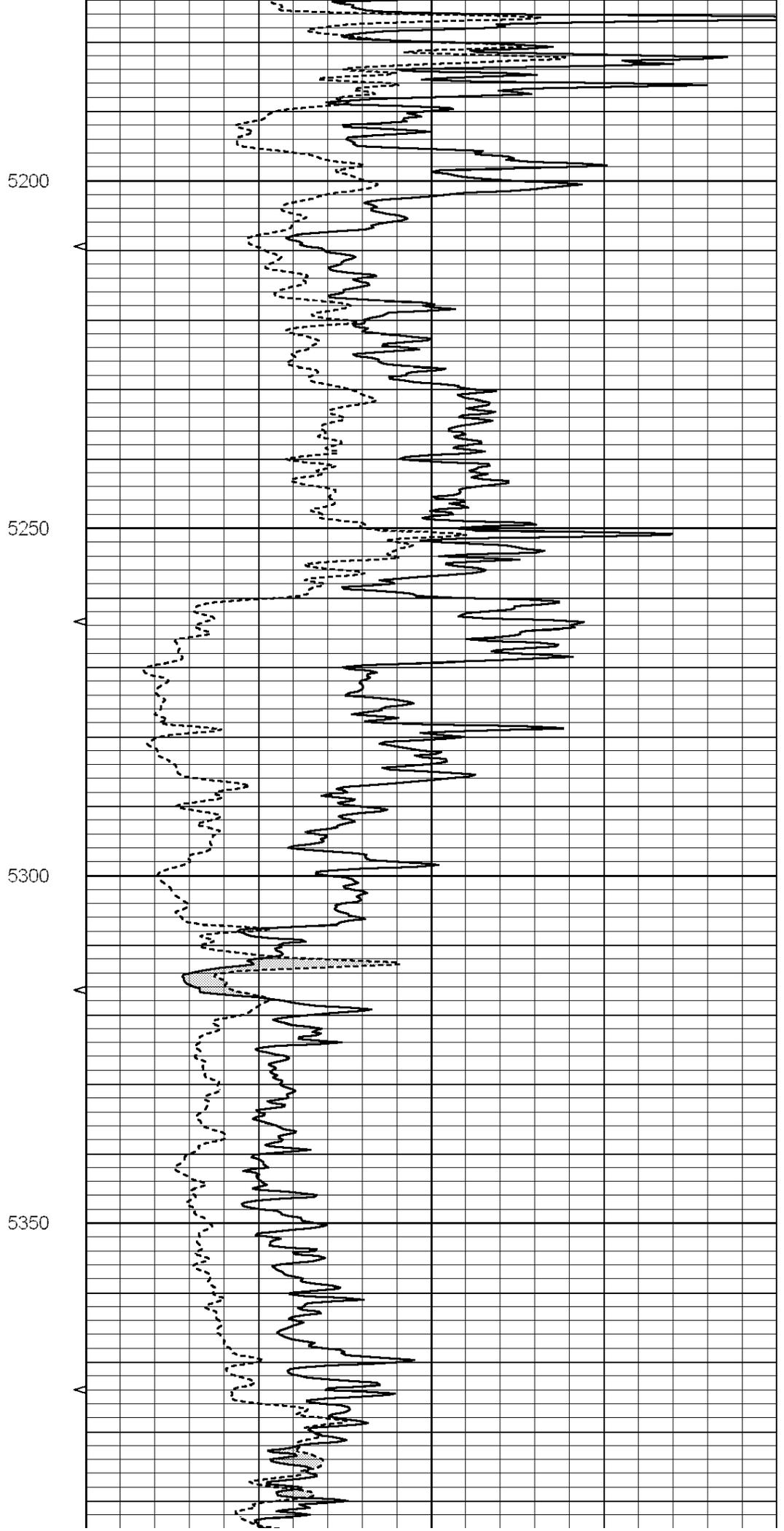
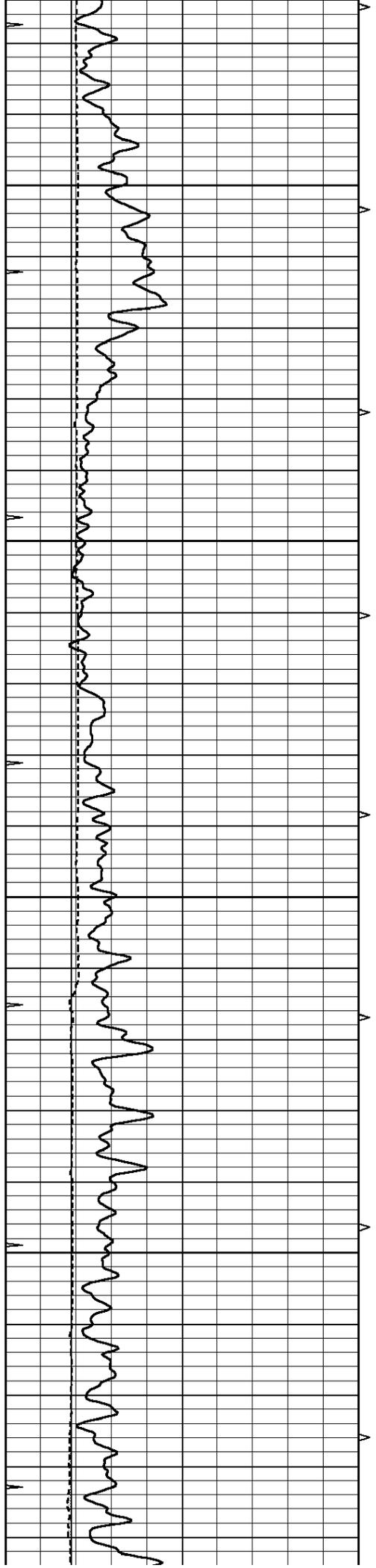


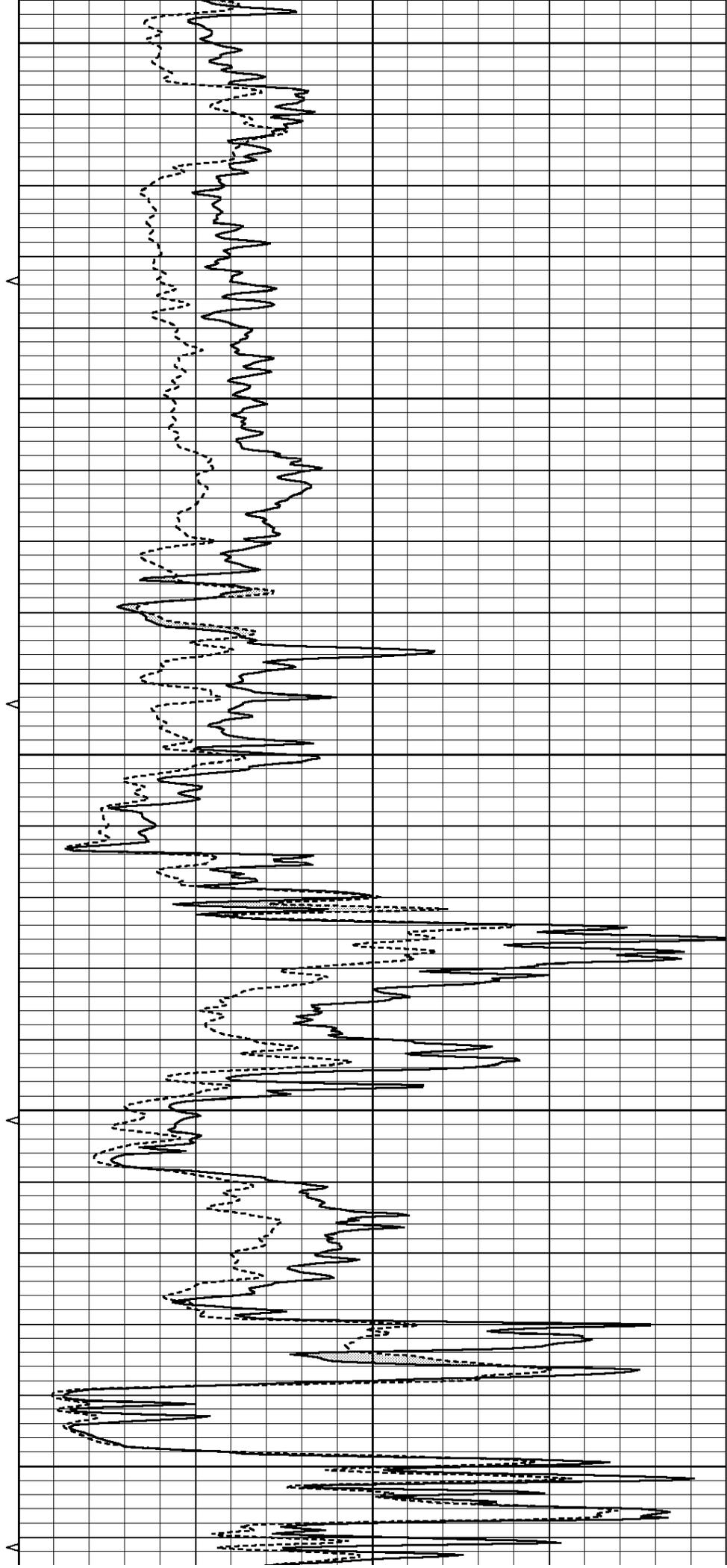
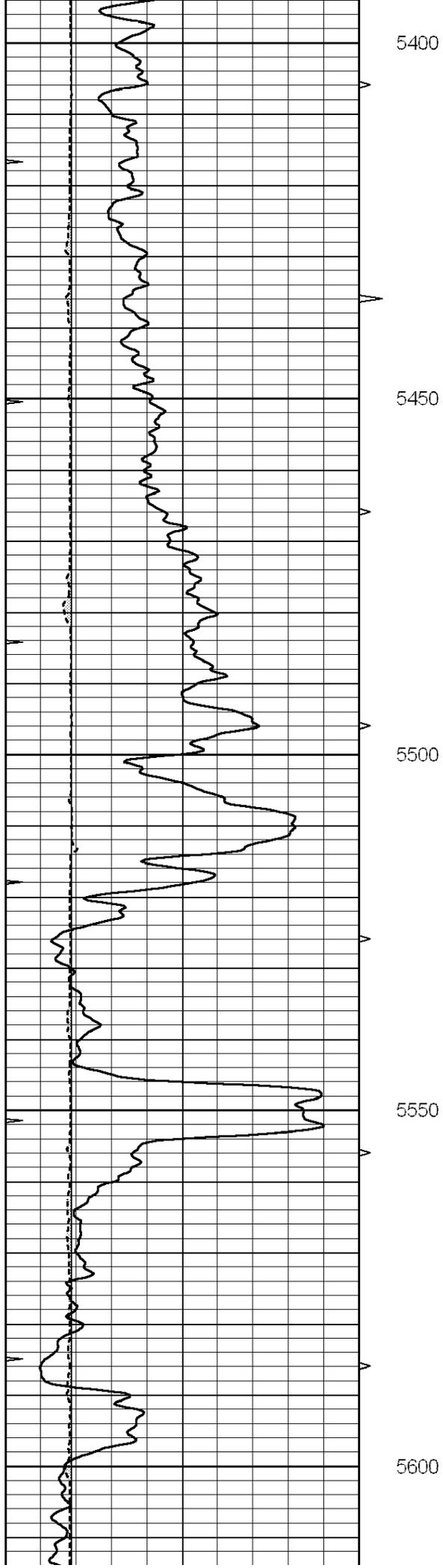


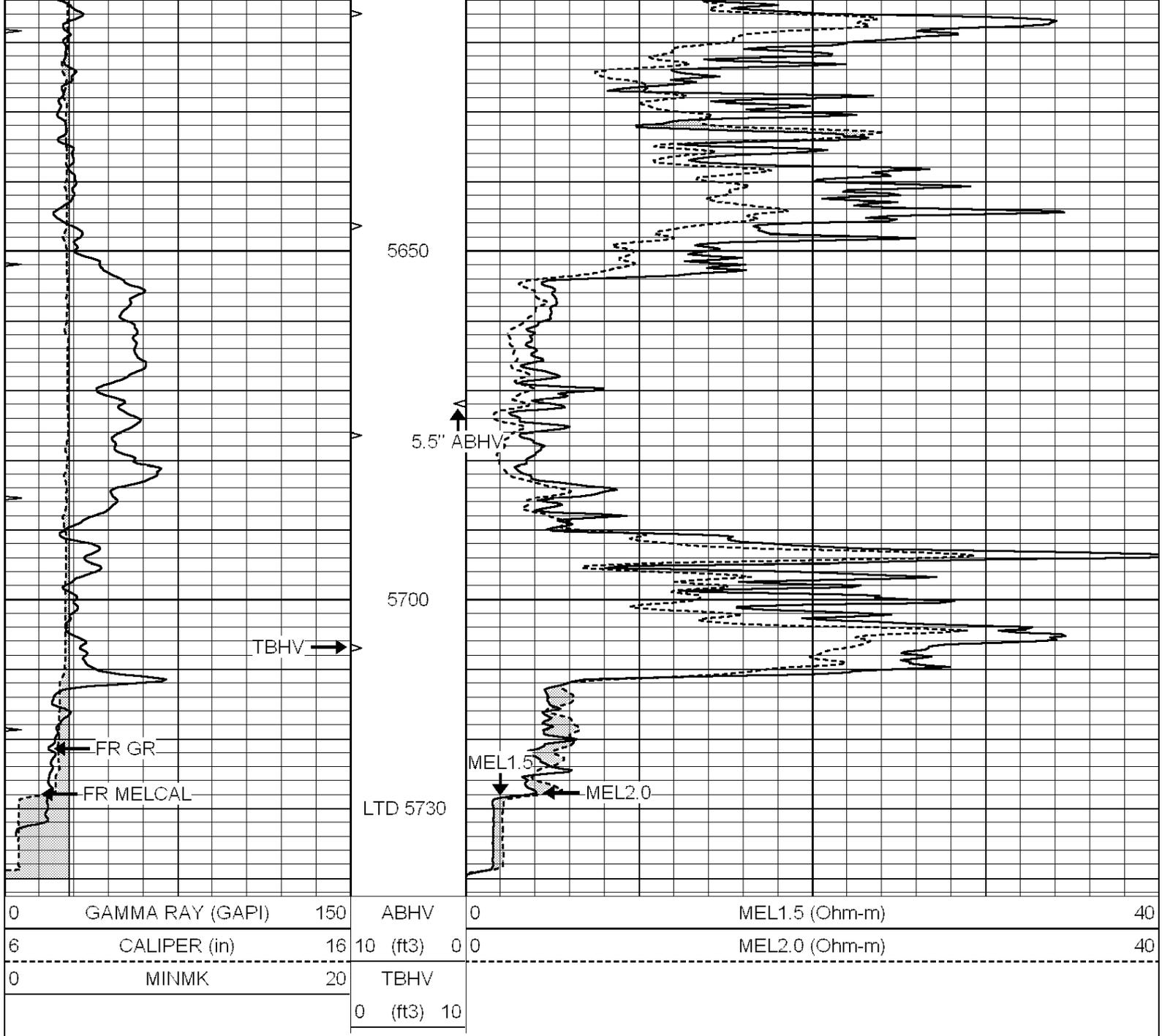
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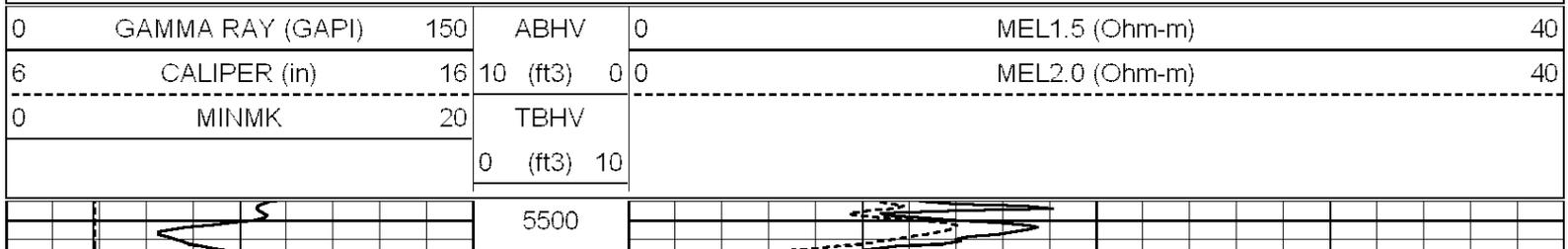


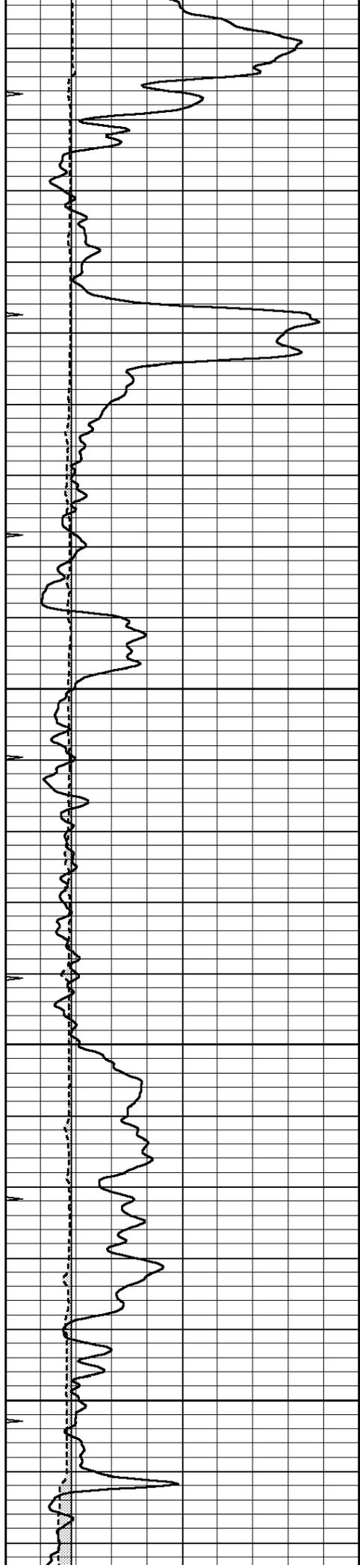




REPEAT SECTION

Database File: 22248pe.db
 Dataset Pathname: pass7.3
 Presentation Format: micro
 Dataset Creation: Sat Feb 08 23:41:37 2014
 Charted by: Depth in Feet scaled 1:240



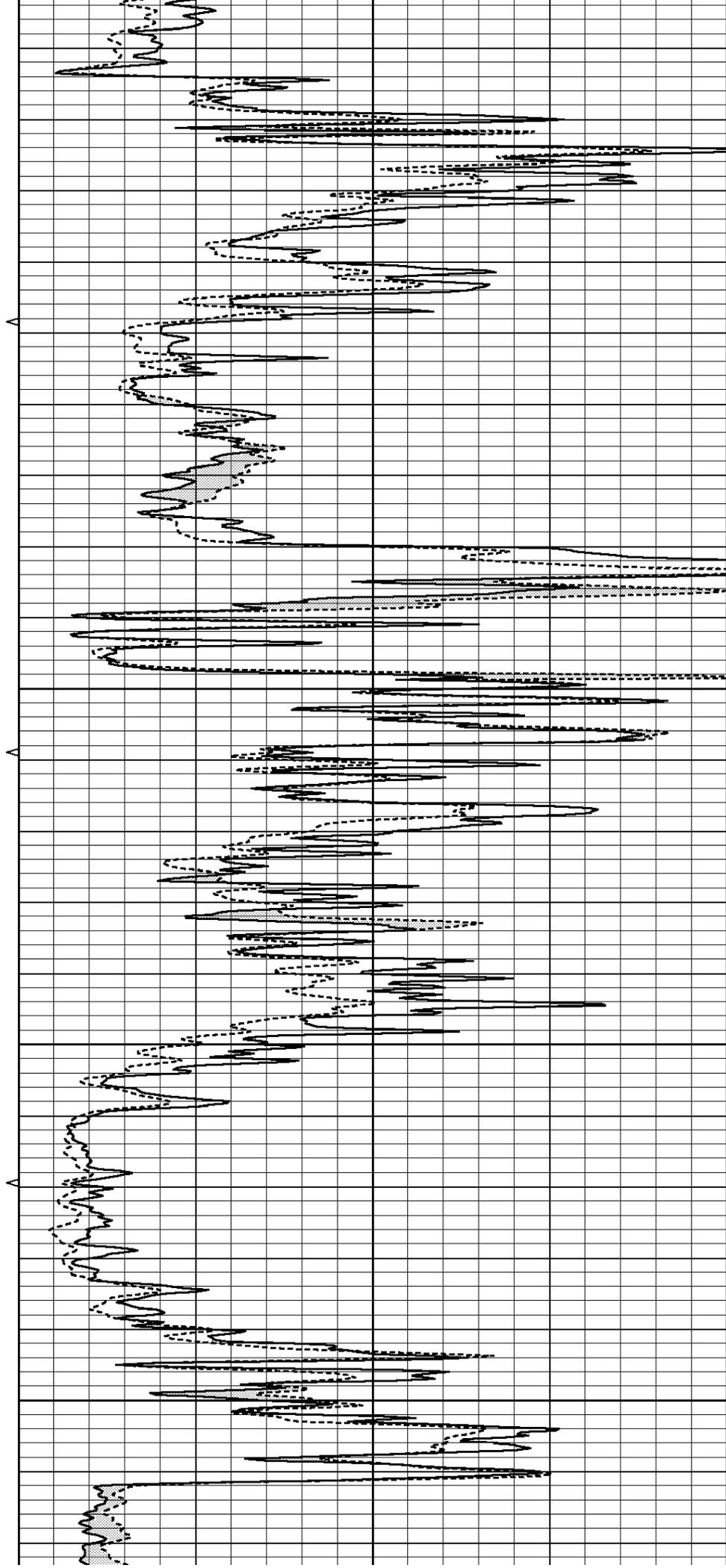


5550

5600

5650

5700



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

Calibration Report

Database File: 22248pe.db
Dataset Pathname: pass8.3
Dataset Creation: Sun Feb 09 00:24:58 2014 by Calc SOC 120430

MICRO Calibration Report

Serial Number:	070911	
Tool Model:	ProbeN	
Performed:	Sat Feb 08 22:54:18 2014	
Caliper Calibration:	Gain=3.712	Offset=3.043
References	Low Cal	High Cal
Readings	7.800	15.000
	1.281	3.221
1.5" Calibration:	Gain=25.000	Offset=0.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.001	1.276
2" Calibration:	Gain=48.000	Offset=-1.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.003	1.108

Gamma Ray Calibration Report

Serial Number:	080328	
Tool Model:	Probe1	
Performed:	Sat Feb 08 23:07:40 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2200	GAPI/cps