



MICRO LOG

Company ARP OPERATING, LLC.
Well CLOSE IMPLEMENT #1
Field UNNAMED
County THOMAS State KANSAS

Location: API #: 15-193-21113-0000

660' FSL & 500' FWL

E/2 - W/2 - SW - SW

SEC 36 TWP 10S RGE 33W

Permanent Datum GROUND LEVEL Elevation 3136
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
DIL/SONIC

Elevation

K.B. 3145

D.F. 3143

G.L. 3136

Date	3/16/23		
Run Number	TWO		
Depth Driller	4777		
Depth Logger	4762		
Bottom Logged Interval	4746		
Top Log Interval	3600		
Casing Driller	8 5/8"@311'		
Casing Logger	311		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES: 2,400 PPM	
Density / Viscosity	9.2/62		
pH / Fluid Loss	11.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.00@72F		
Rmf @ Meas. Temp	.750@72F		
Rmc @ Meas. Temp	1.20@72F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.585@123F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	12:45 P.M.		
Maximum Recorded Temperature	123F		
Equipment Number	8916		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	SEAN DEENIHAN	RICH TABAKA	

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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 ELI WIRELINE, HAYS, KS. (785) 628-6395
DIRECTIONS:

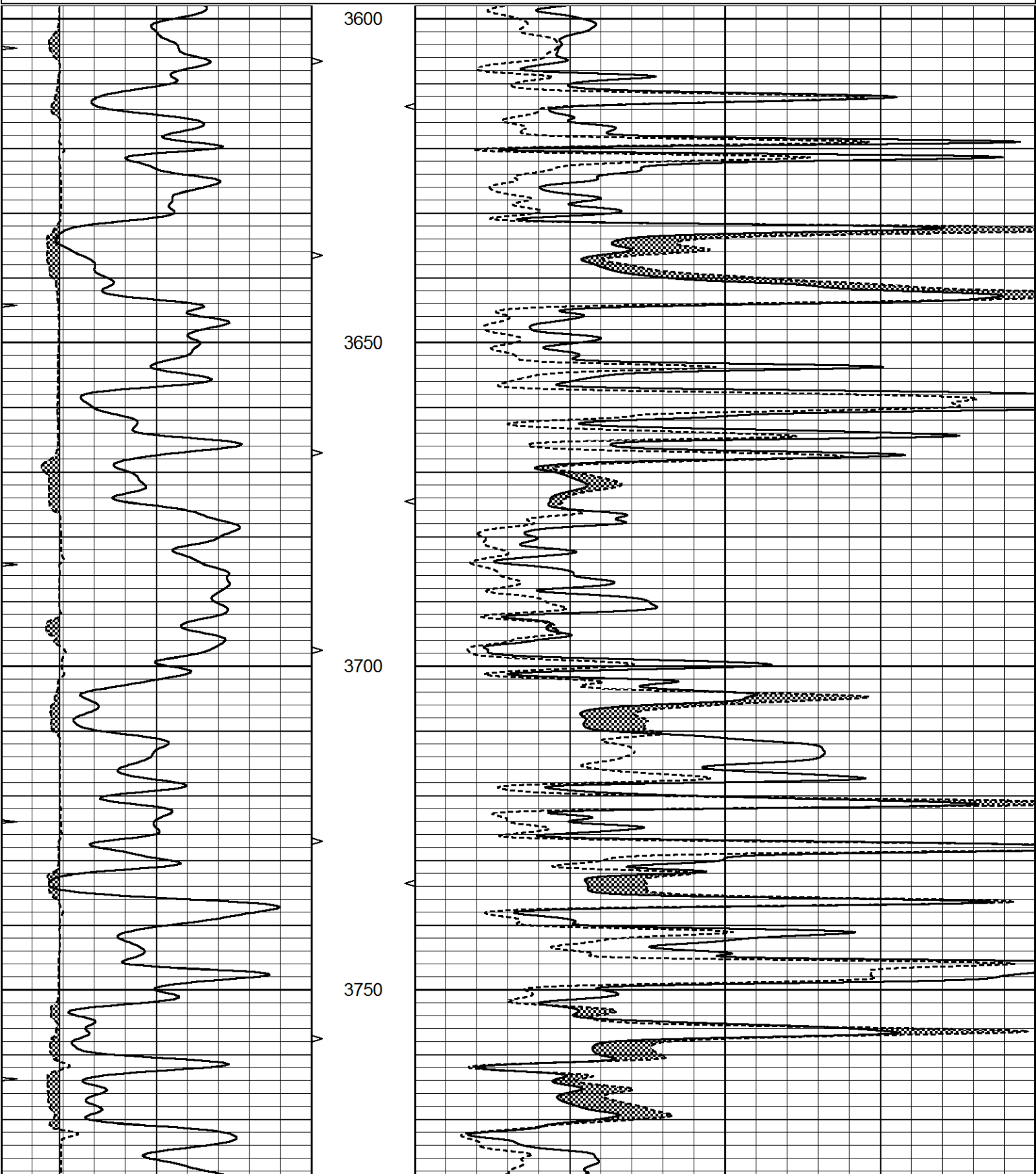
OAKLEY, KS. & SECOND I-70 EXIT, S. TO "RD. A" (FORT FOX RD.) W. TO RD. "380", N. INTO

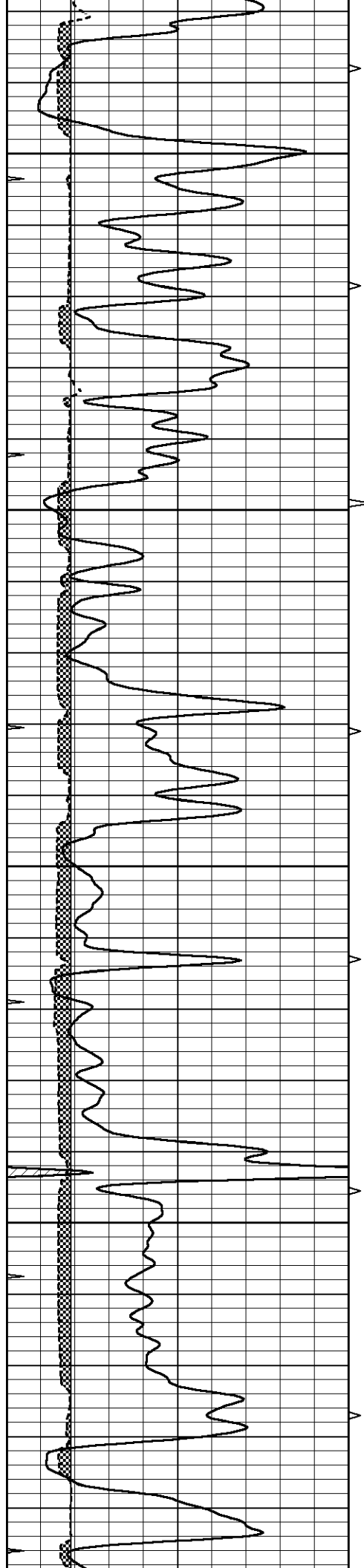


MAIN SECTION

Database File	7576pe.db
Dataset Pathname	pass6.2
Presentation Format	_micro
Dataset Creation	Thu Mar 16 14:35:28 2023
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		



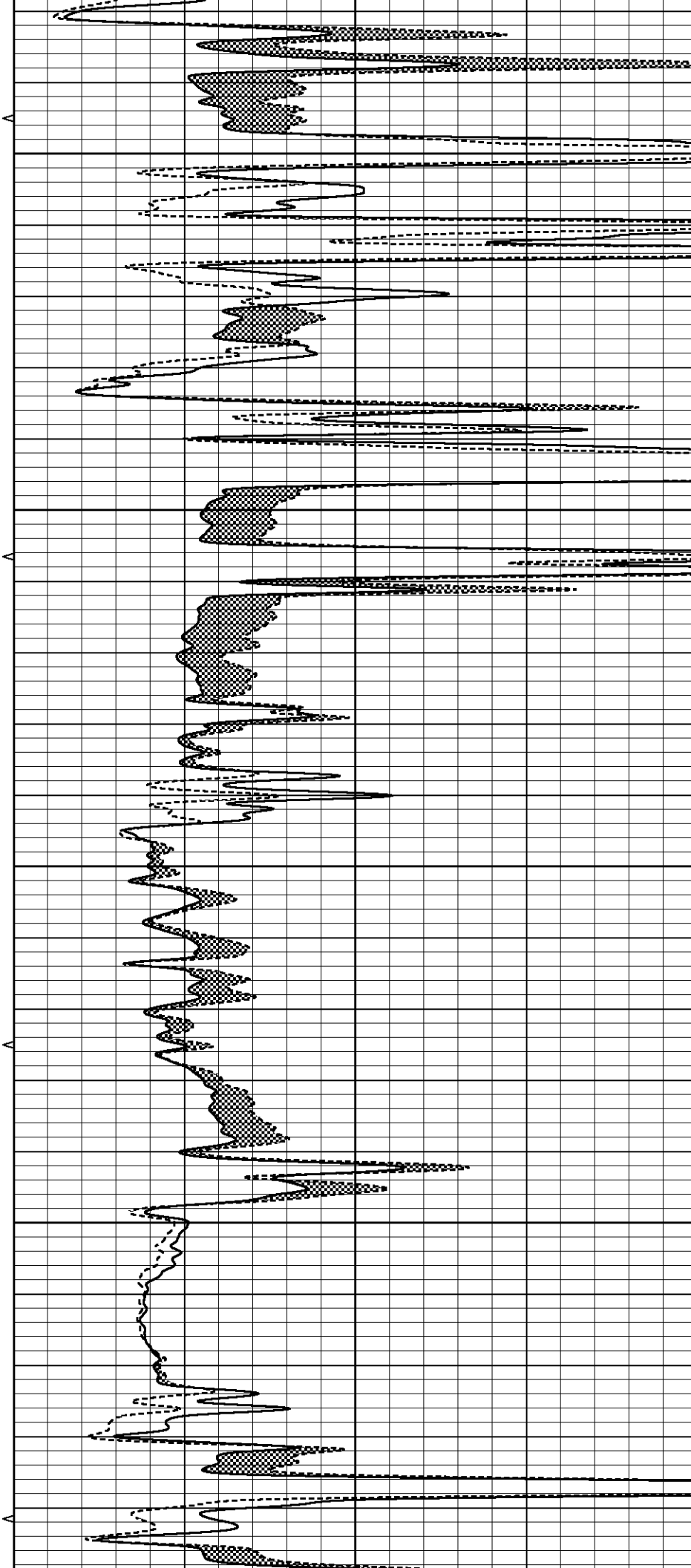


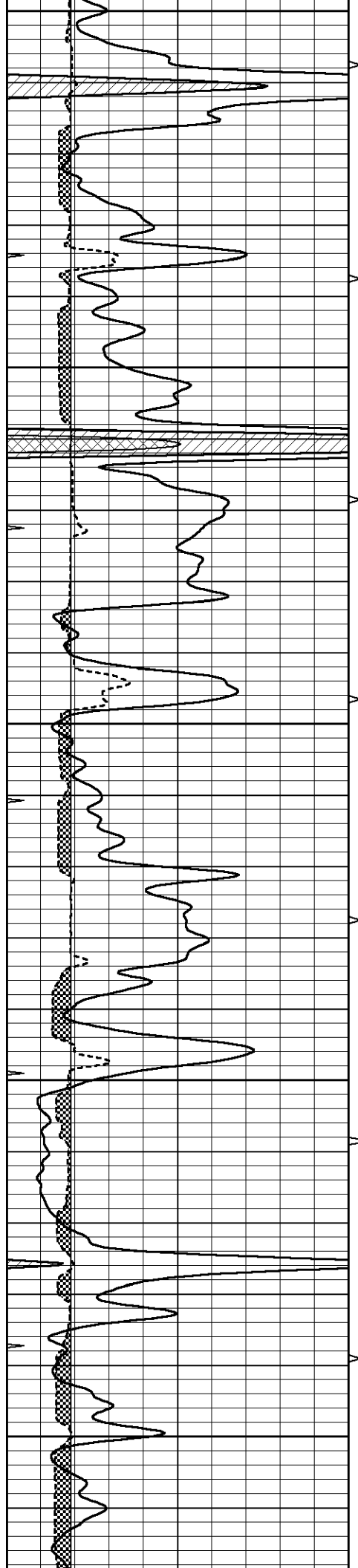
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3850

3900

3950





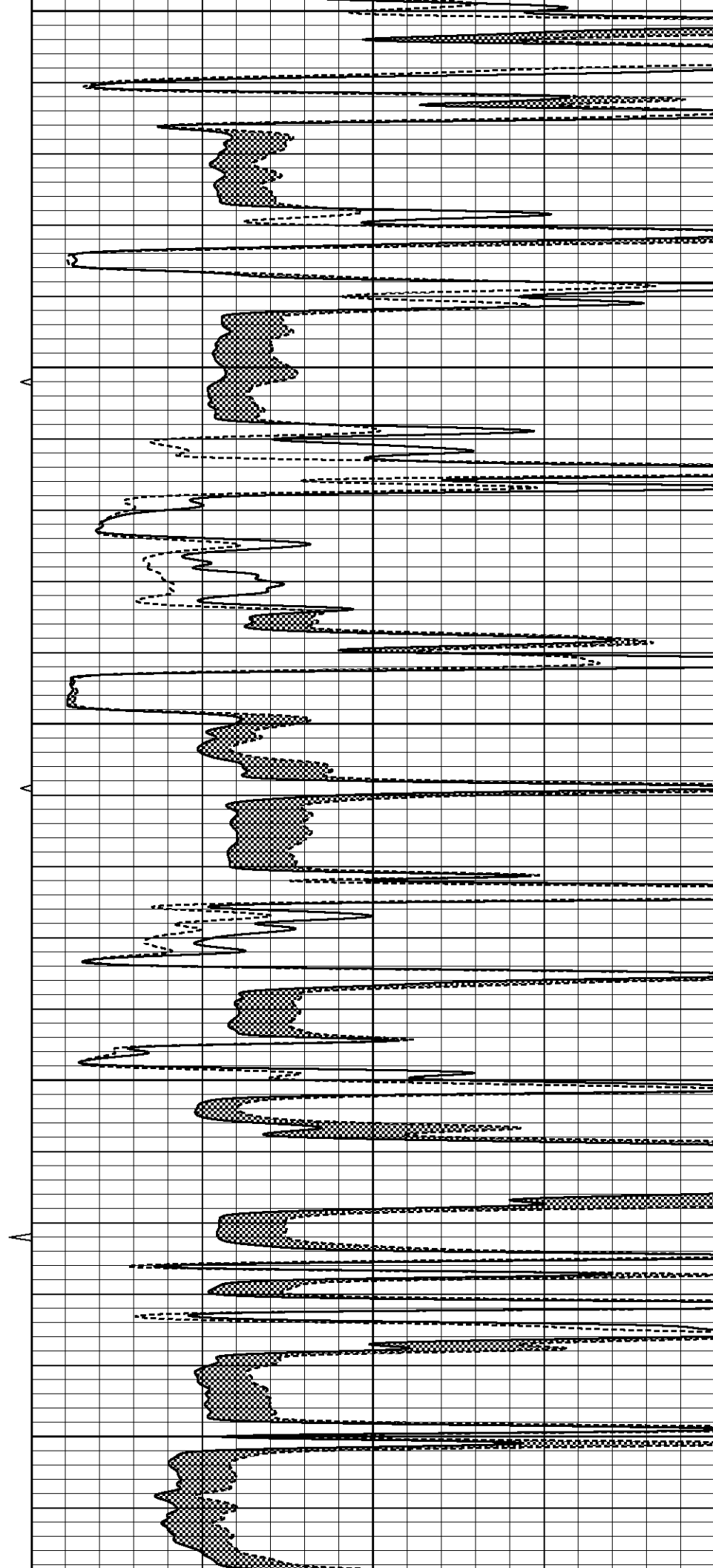
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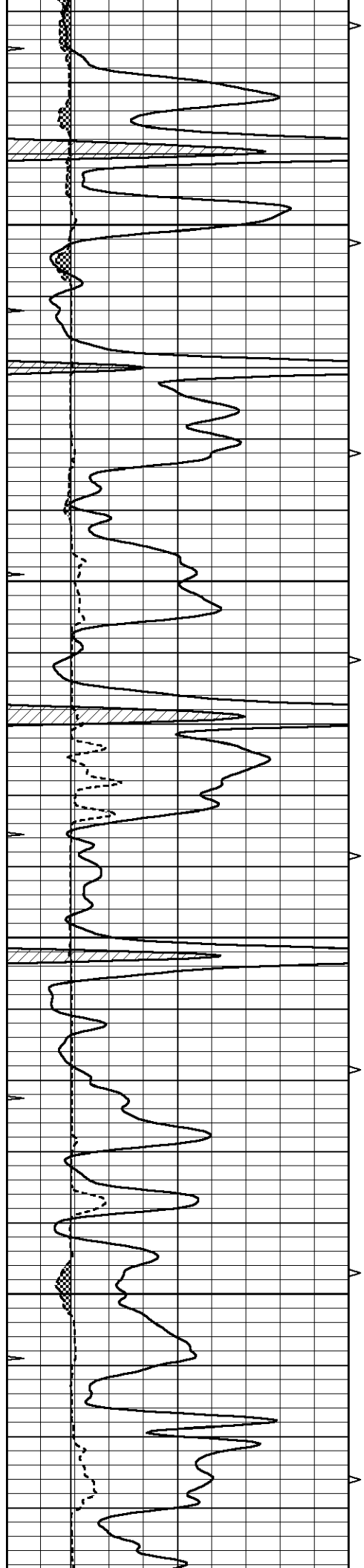
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4200



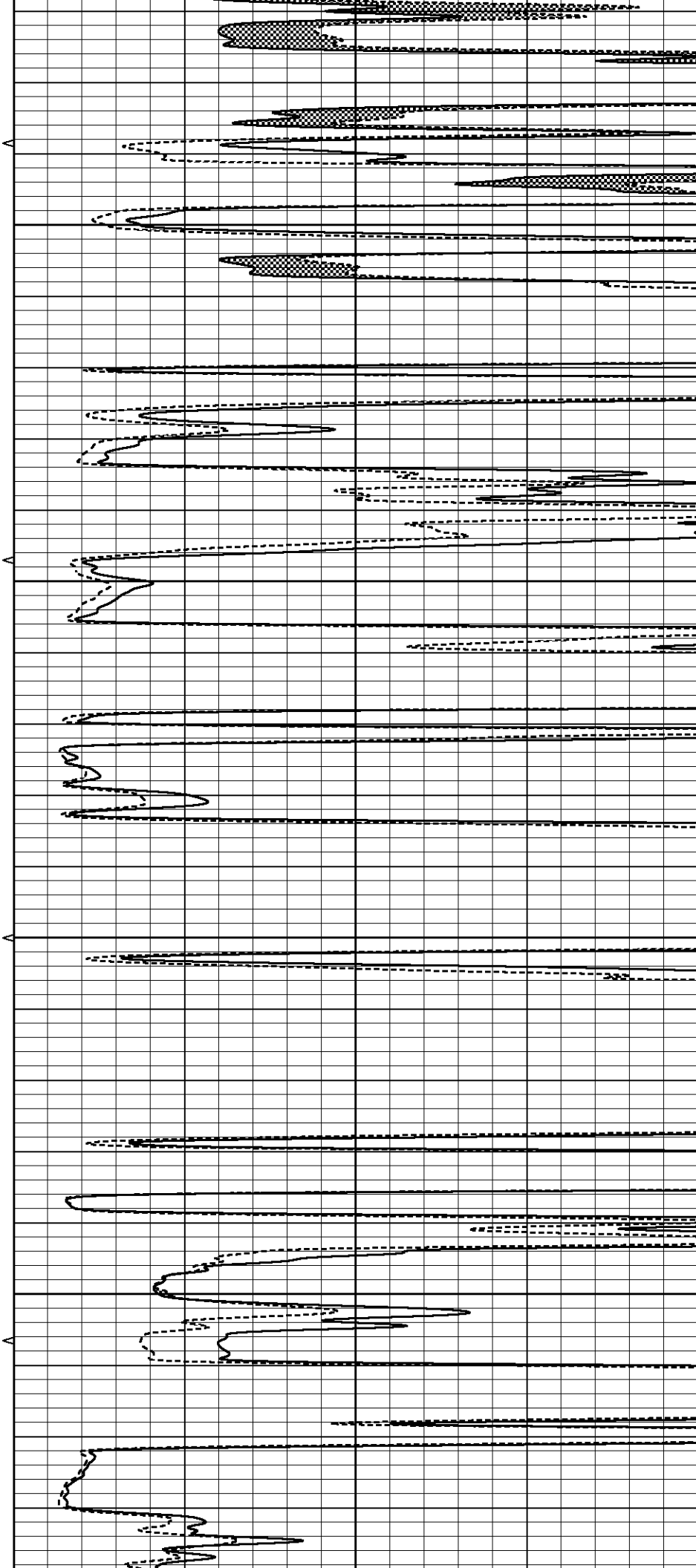


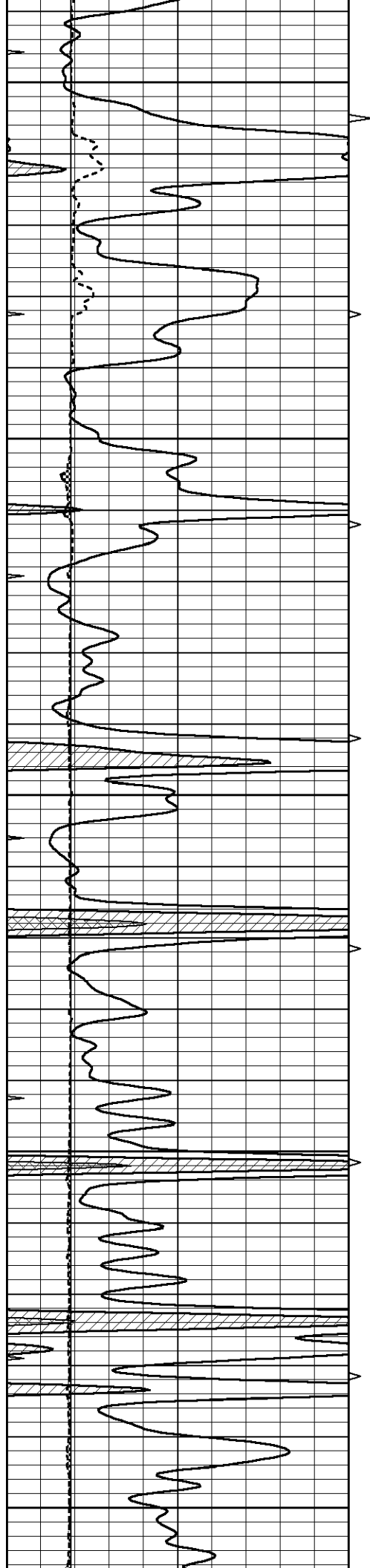
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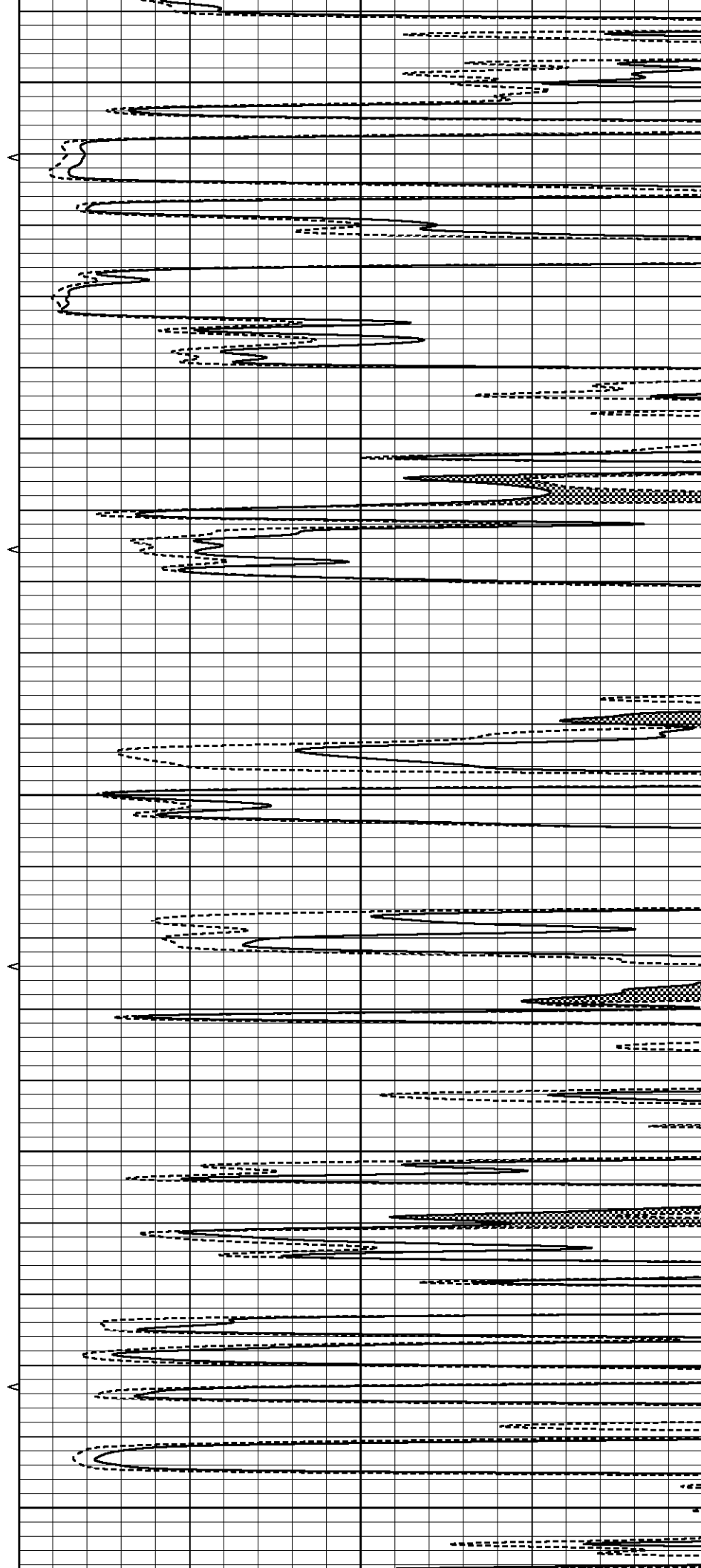
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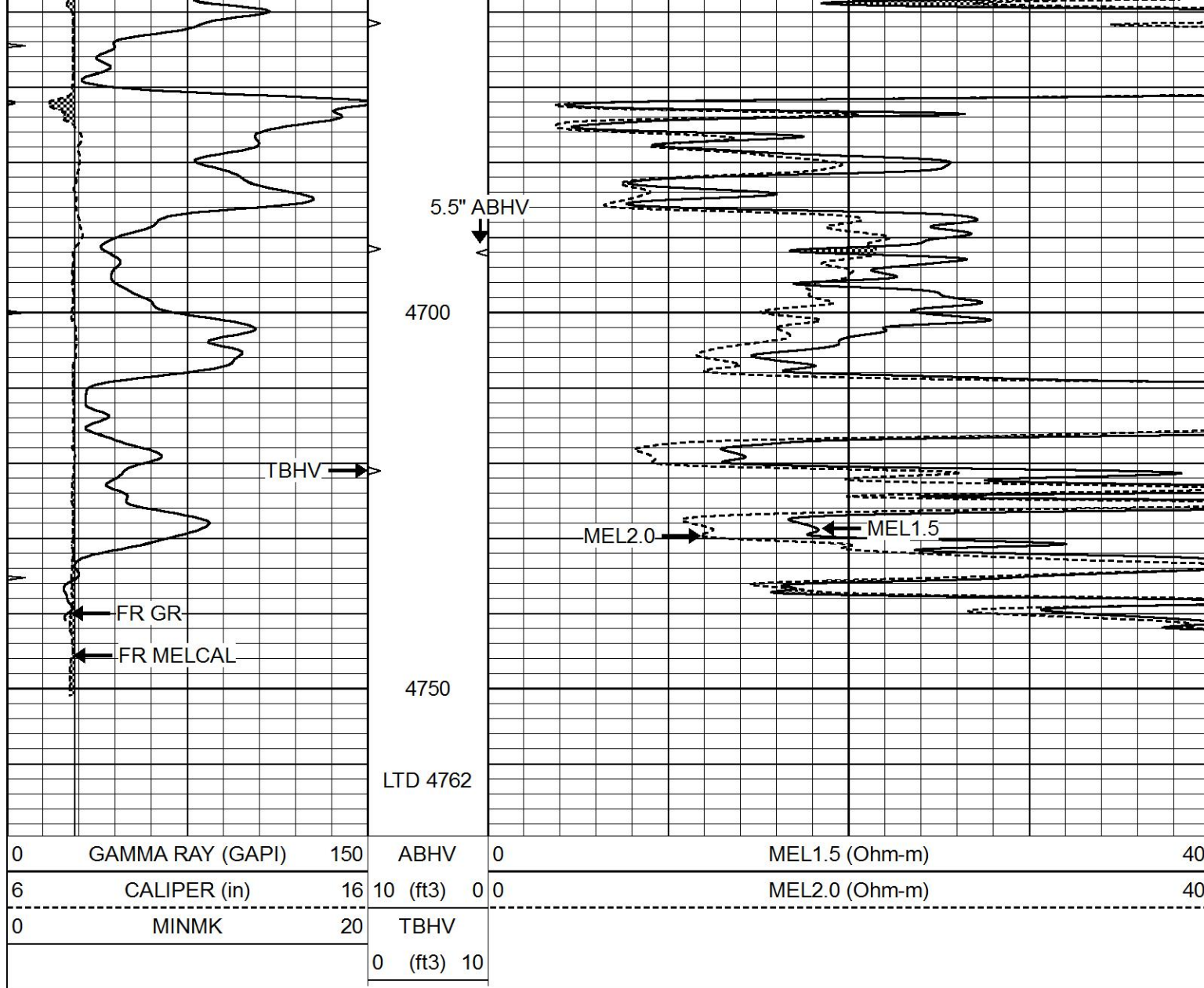
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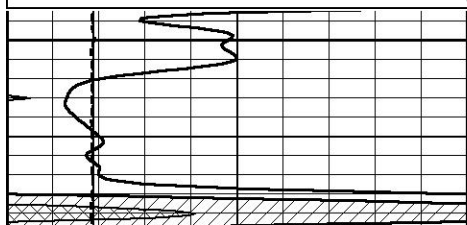




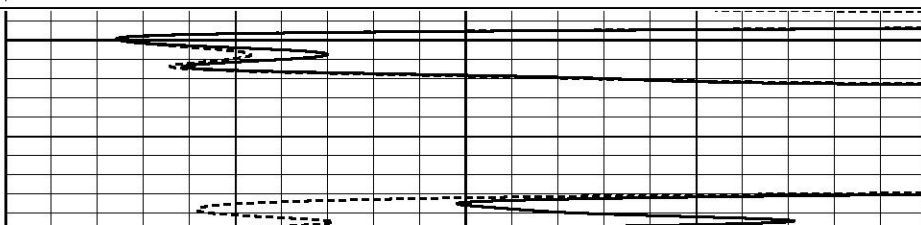
REPEAT SECTION

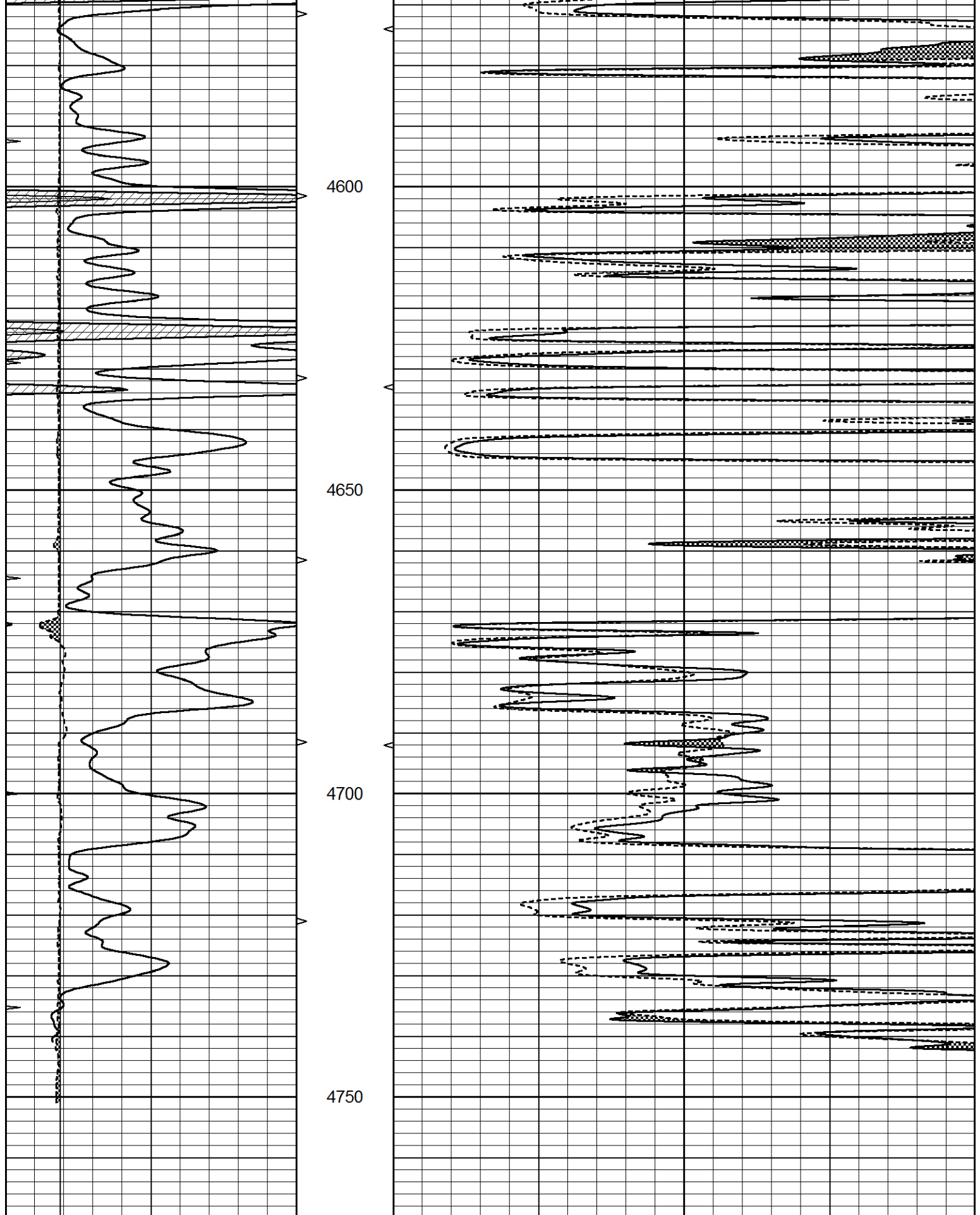
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 Dataset Pathname pass5.2
 Presentation Format _micro
 Dataset Creation Thu Mar 16 14:47:04 2023
 Charted by Depth in Feet scaled 1:240

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



4550





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	7576pe.db		
Dataset Pathname	pass6.2		
Dataset Creation	Thu Mar 16 14:35:28 2023		
MICRO Calibration Report			
Serial Number:	MICRO6		
Tool Model:	PROBE		
Performed:	Mon Mar 13 16:57:02 2023		
Caliper Calibration:	Gain=4.054	Offset=2.865	
References	Low Cal	High Cal	
Readings	7.000	14.000	
	1.020	2.747	
1.5" Calibration:	Gain=40.000	Offset=0.000	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.019	1.219	
2" Calibration:	Gain=48.000	Offset=-0.700	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.004	0.985	
Gamma Ray Calibration Report			
Serial Number:	GR5		
Tool Model:	OPEN		
Performed:	Sat Mar 11 20:19:04 2023		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.5800	GAPI/cps	