



**COMPLETION
& PRODUCTION
SERVICES CO.**

MICRO LOG

Company	TREK AEC, LLC	Company	TREK AEC, LLC
Well	MCCASKEY #2-20	Well	MCCASKEY #2-20
Field	WILDCAT	Field	WILDCAT
County	PRATT	County	PRATT
State	KANSAS	State	KANSAS
Location:	API # : 15-151-22448-00-00	Other Services CNL/CDL DIL/SON	
Permanent Datum	SE - SW - NE - SW 1520' FSL & 1820' FWL	Elevation	
Log Measured From	SEC 20 TWP 29S RGE 11W	K.B. 1867 D.F. 1865 G.L. 1855	
Drilling Measured From	GROUND LEVEL Elevation 1855 KELLY BUSHING 12' A.G.L. KELLY BUSHING		
Date	7-28-15		
Run Number	TWO		
Depth Driller	4740		
Depth Logger	4740		
Bottom Logged Interval	4724		
Top Log Interval	2700		
Casing Driller	8 5/8 @ 308'		
Casing Logger	310'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9.000 PPM	
Density / Viscosity	9.0/46		
pH / Fluid Loss	10.0/10.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.40 @ 97F		
Rmf @ Meas. Temp	0.30 @ 97F		
Rmc @ Meas. Temp	0.48 @ 97F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	0.32 @ 123F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	123F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	IAN MABB		
Witnessed By	ROGER MARTIN	DAVE BARKER	

<<< Fold Here >>>

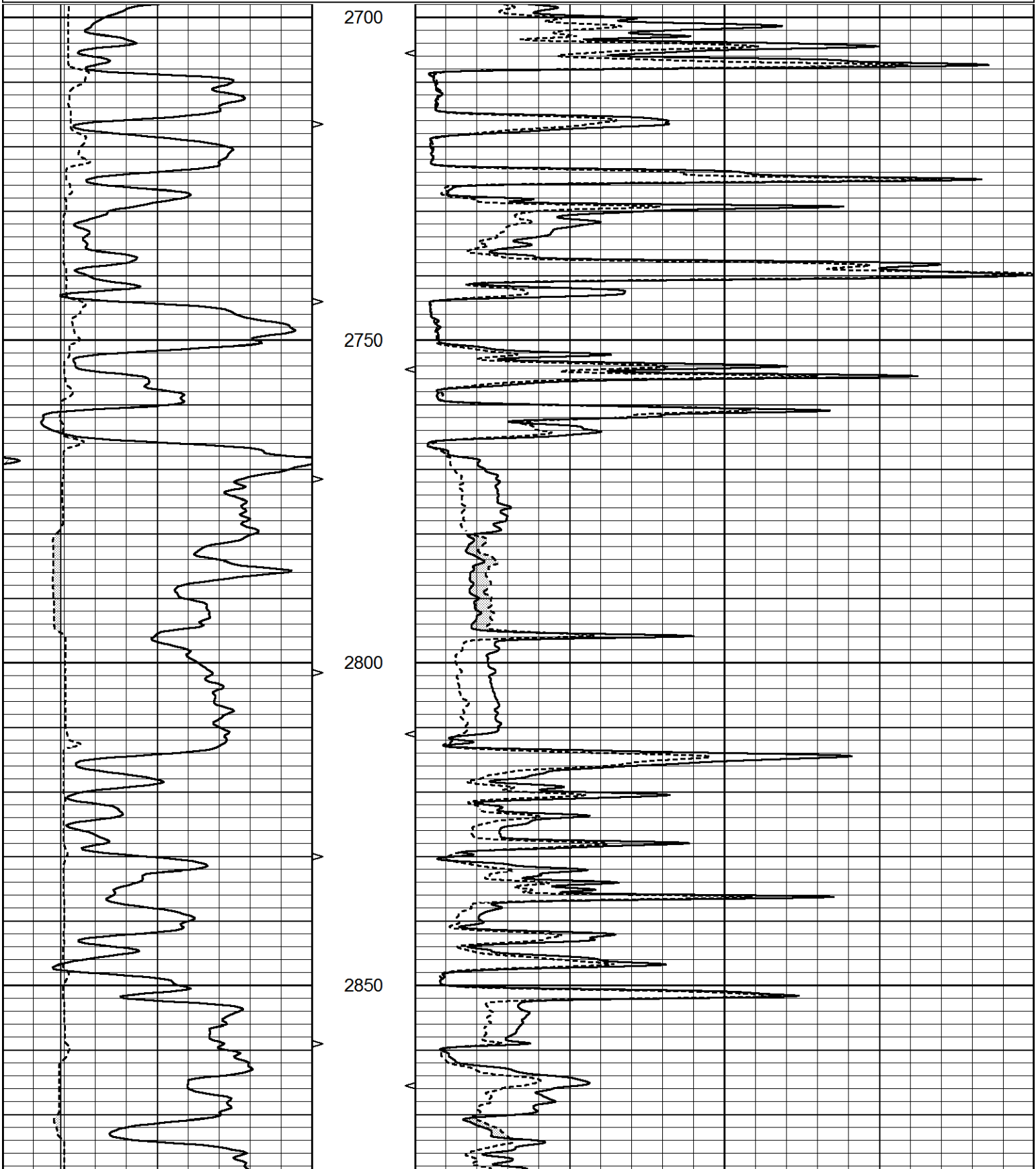
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

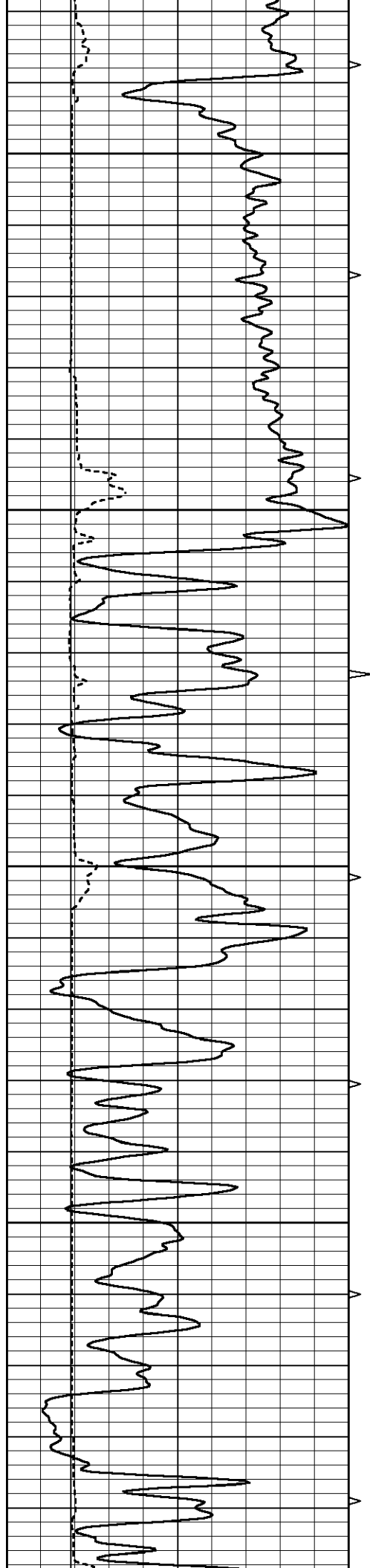
Comments

THANK YOU FOR USING NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS : SAWYER, KS. - 7 1/4 MILES EAST - NORTH INTO

Database File	26602ddn8.db
Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Tue Jul 28 16:40:49 2015
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
			TBHV			
			0 (ft3)	10		



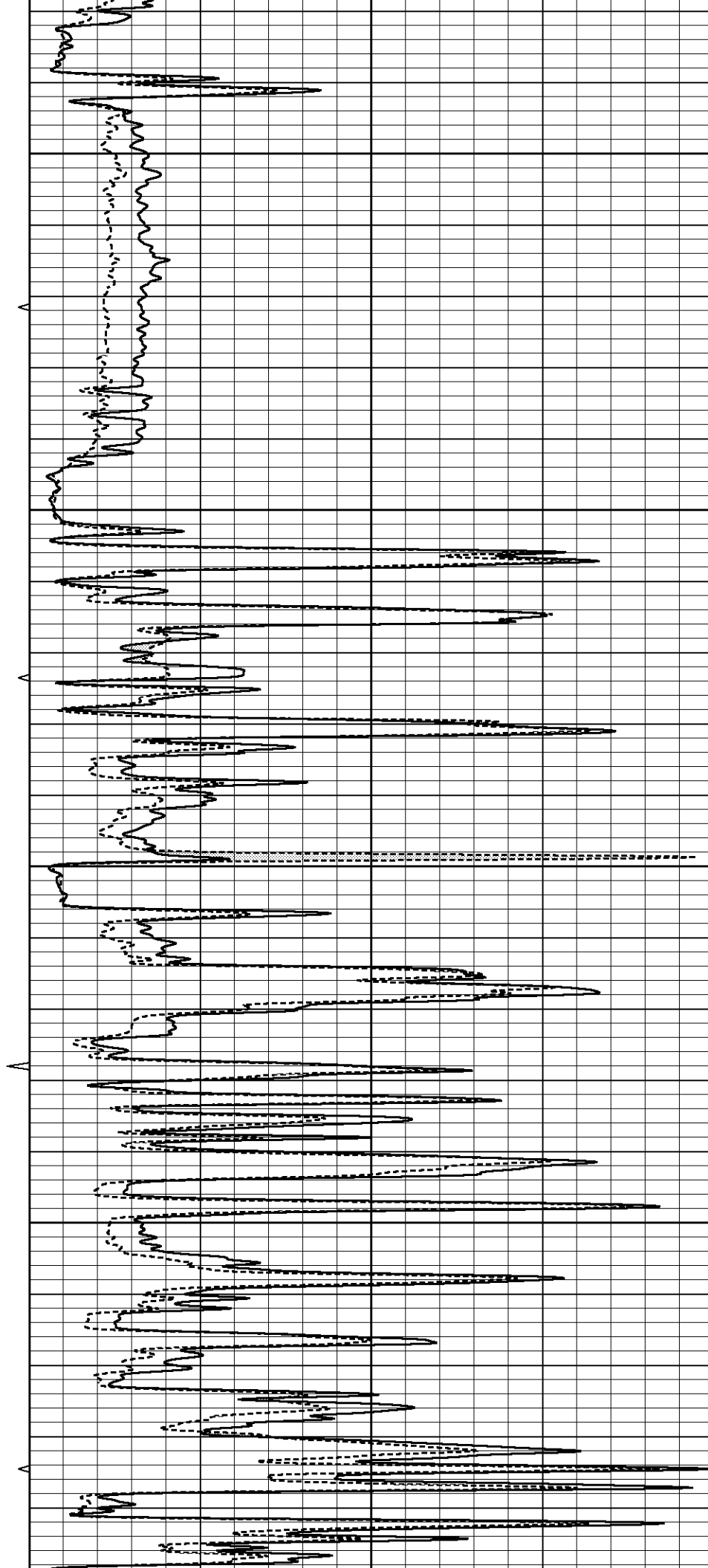


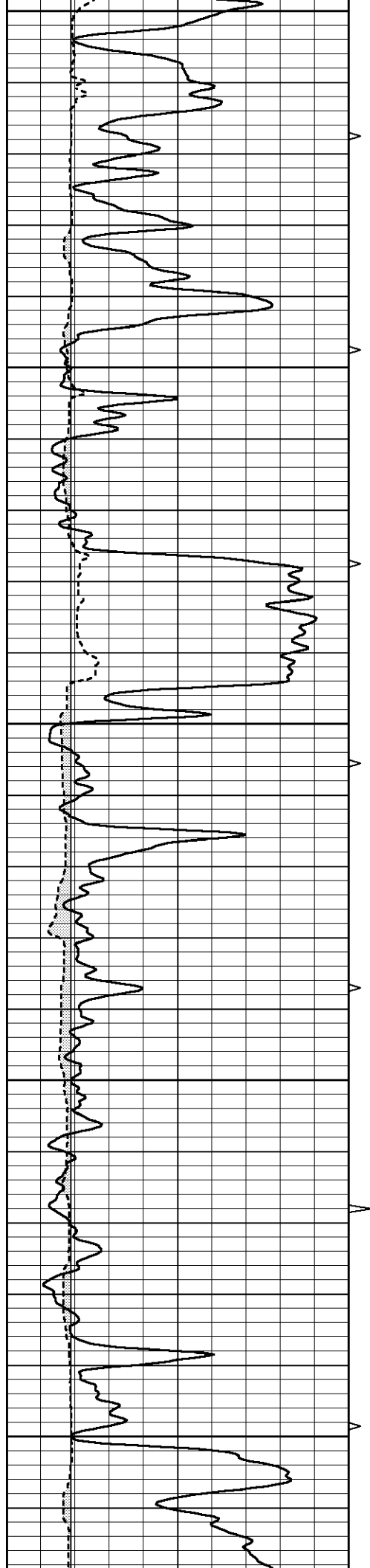
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3050





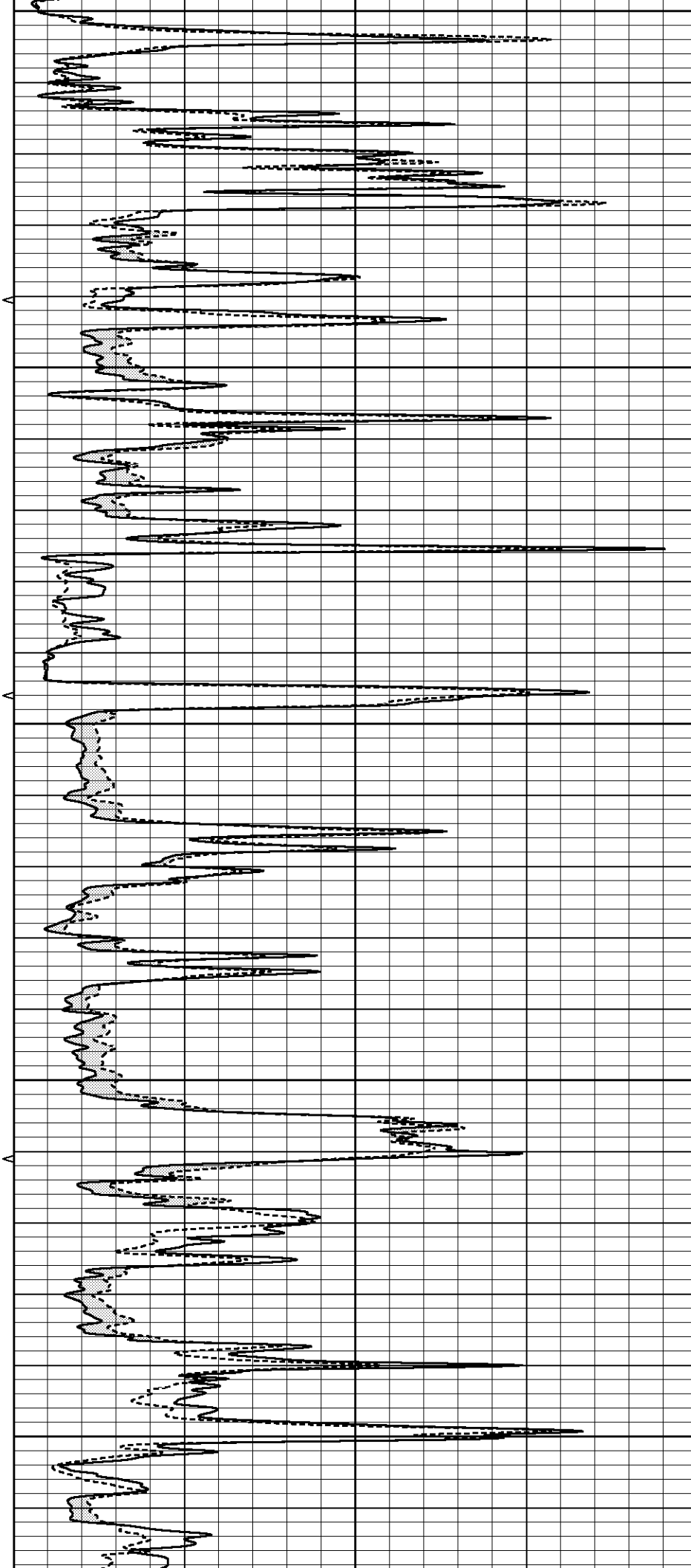
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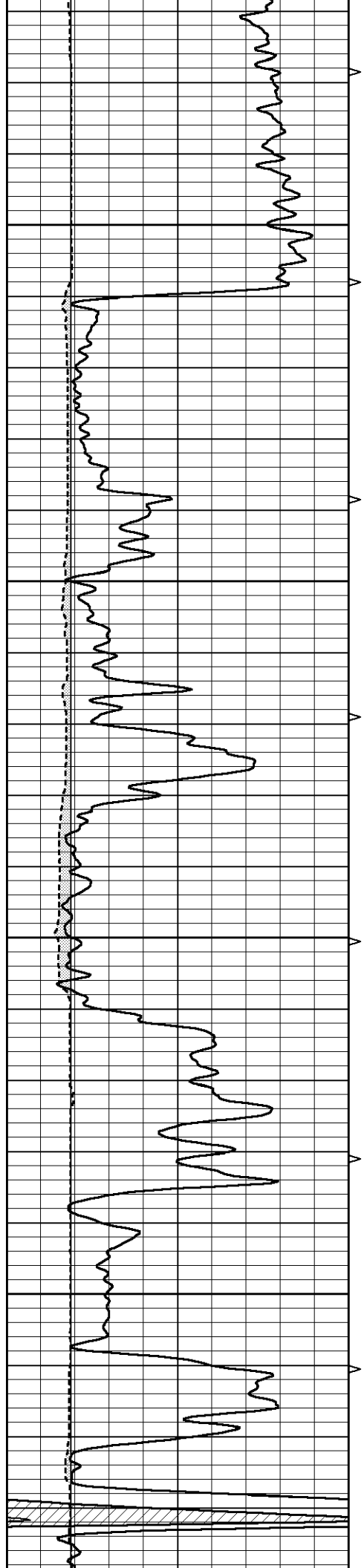
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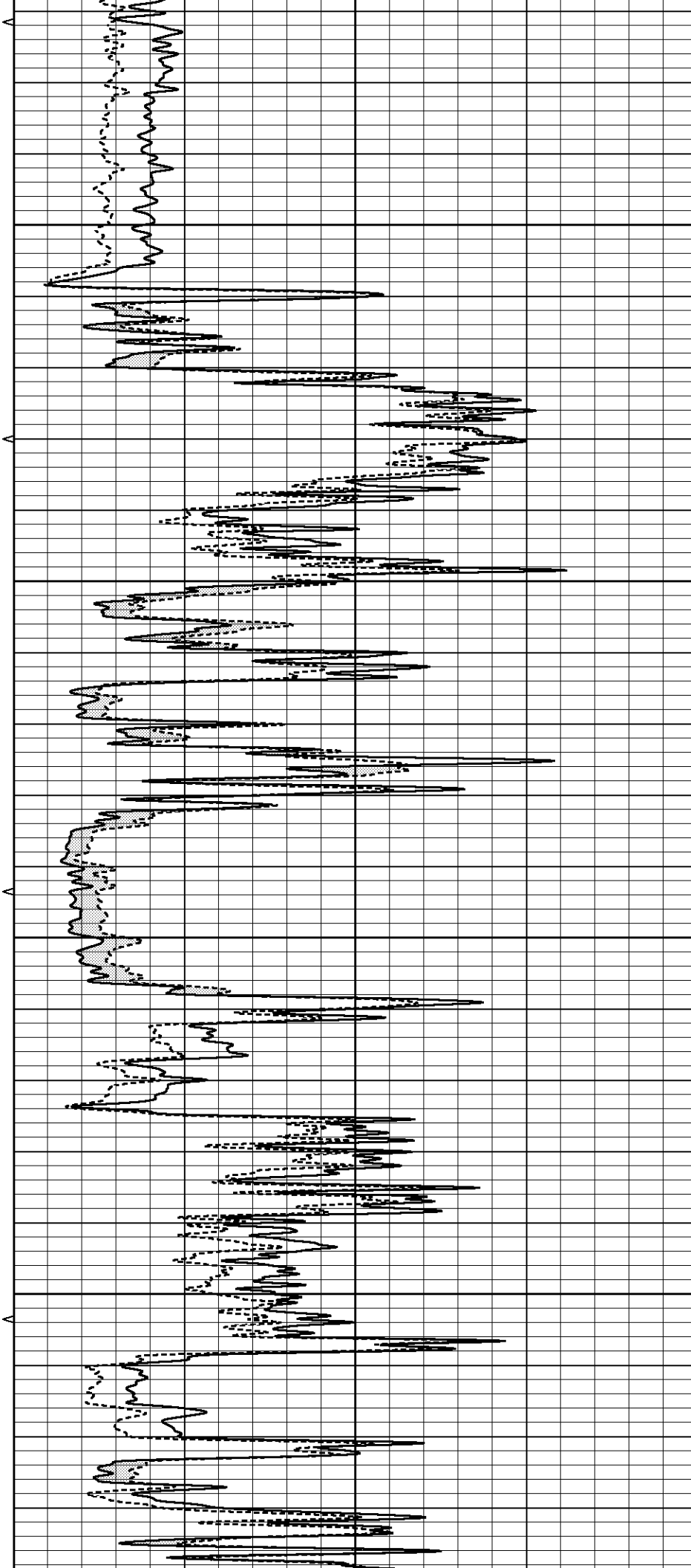


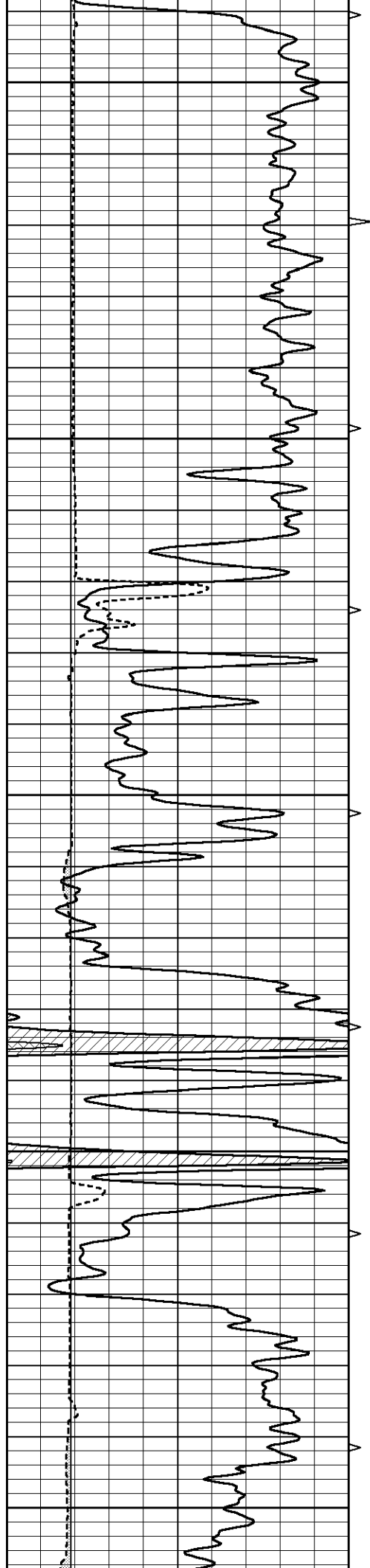
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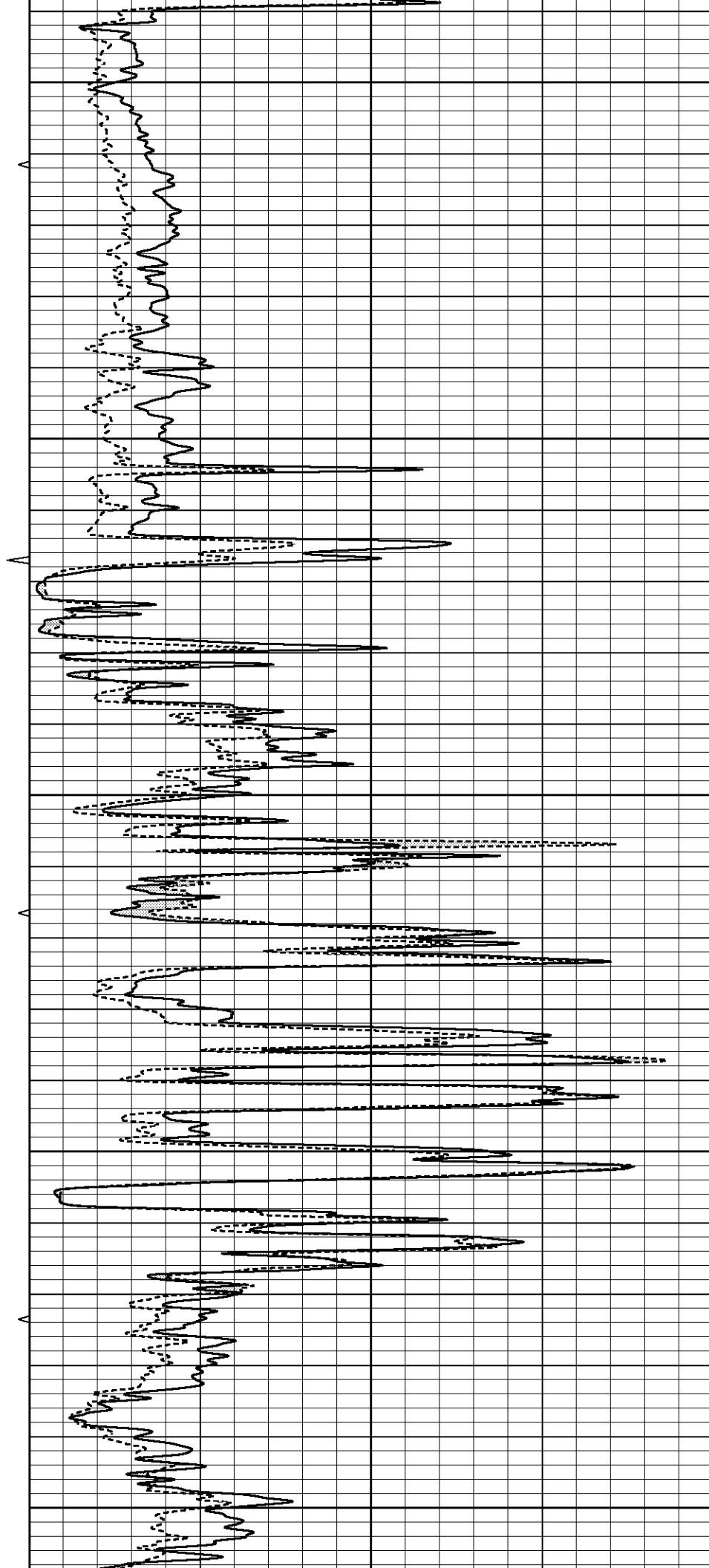
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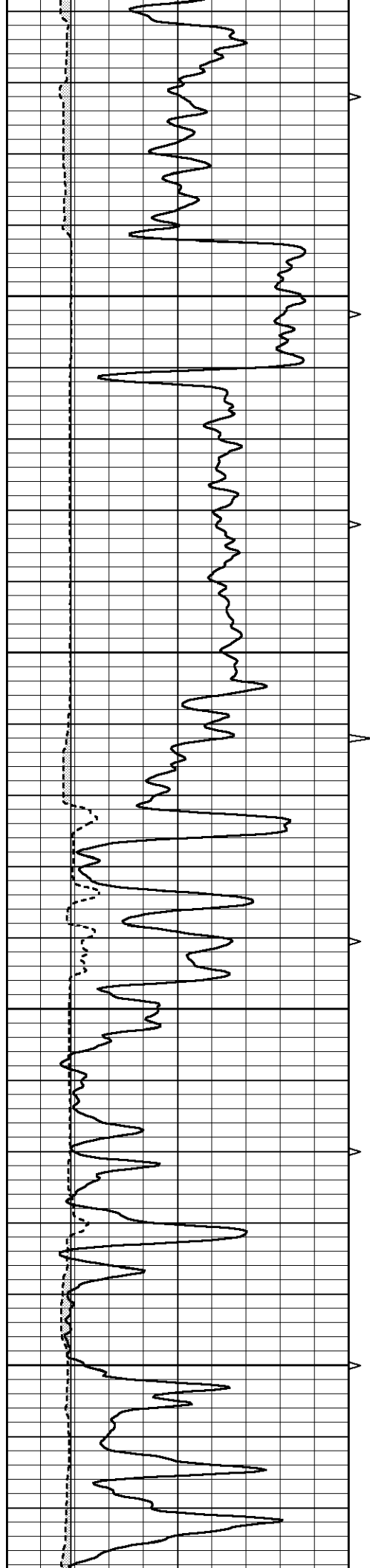
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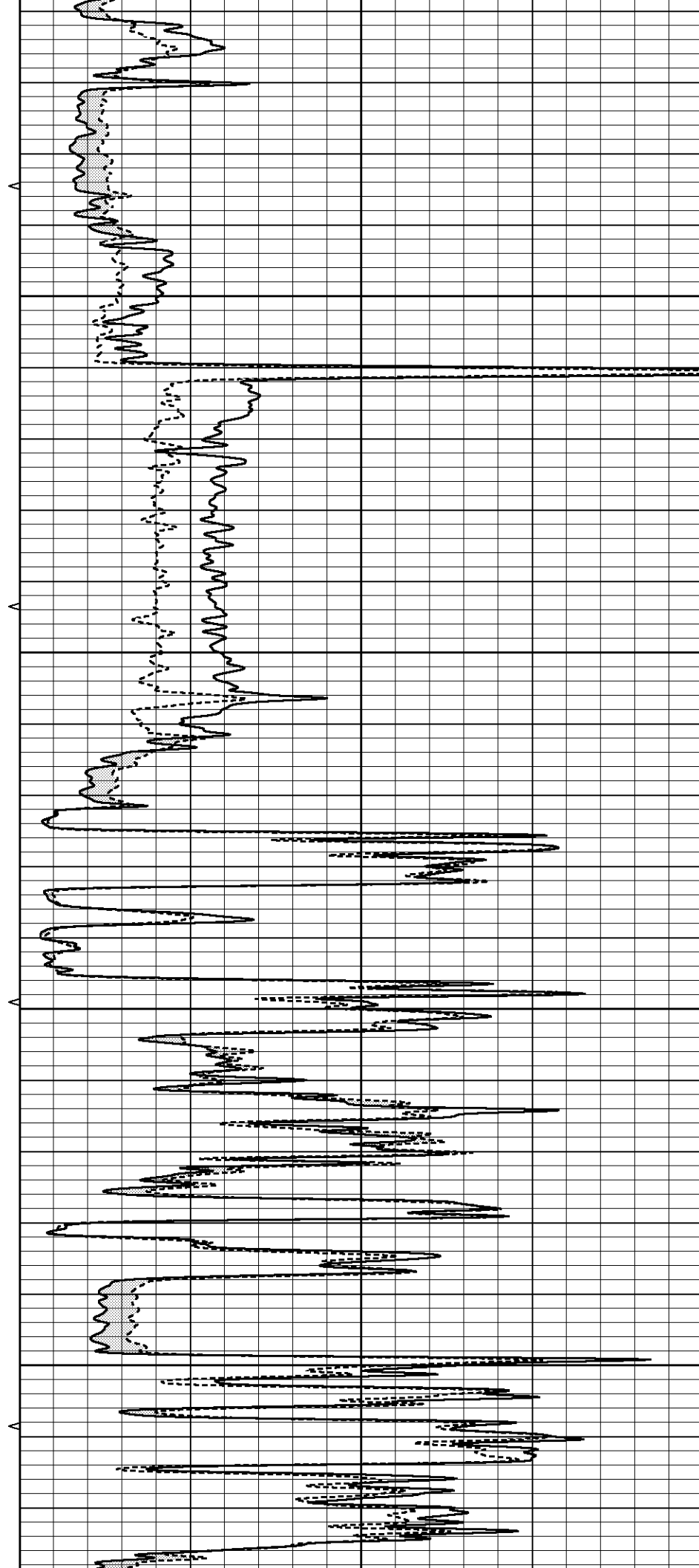


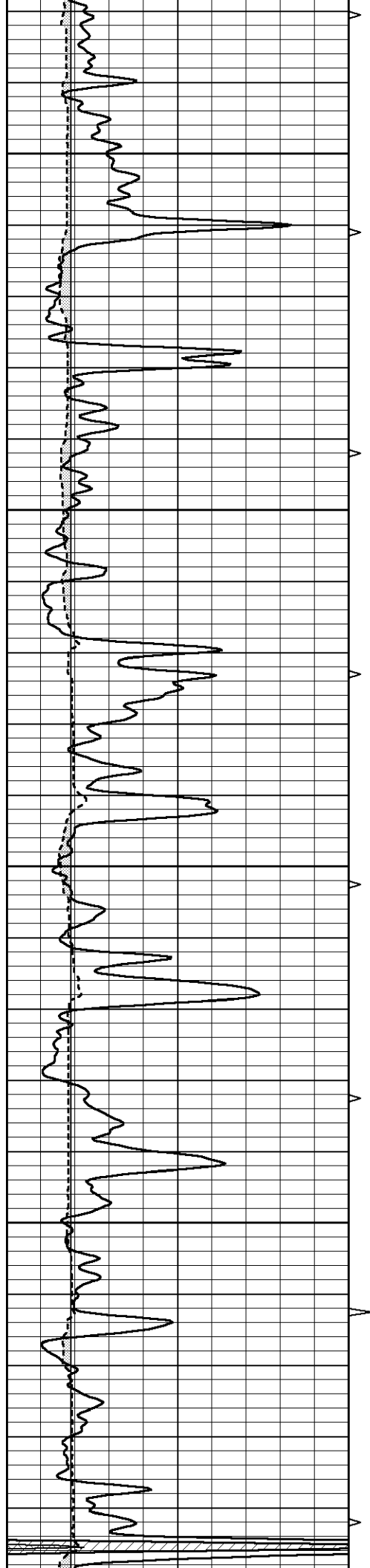
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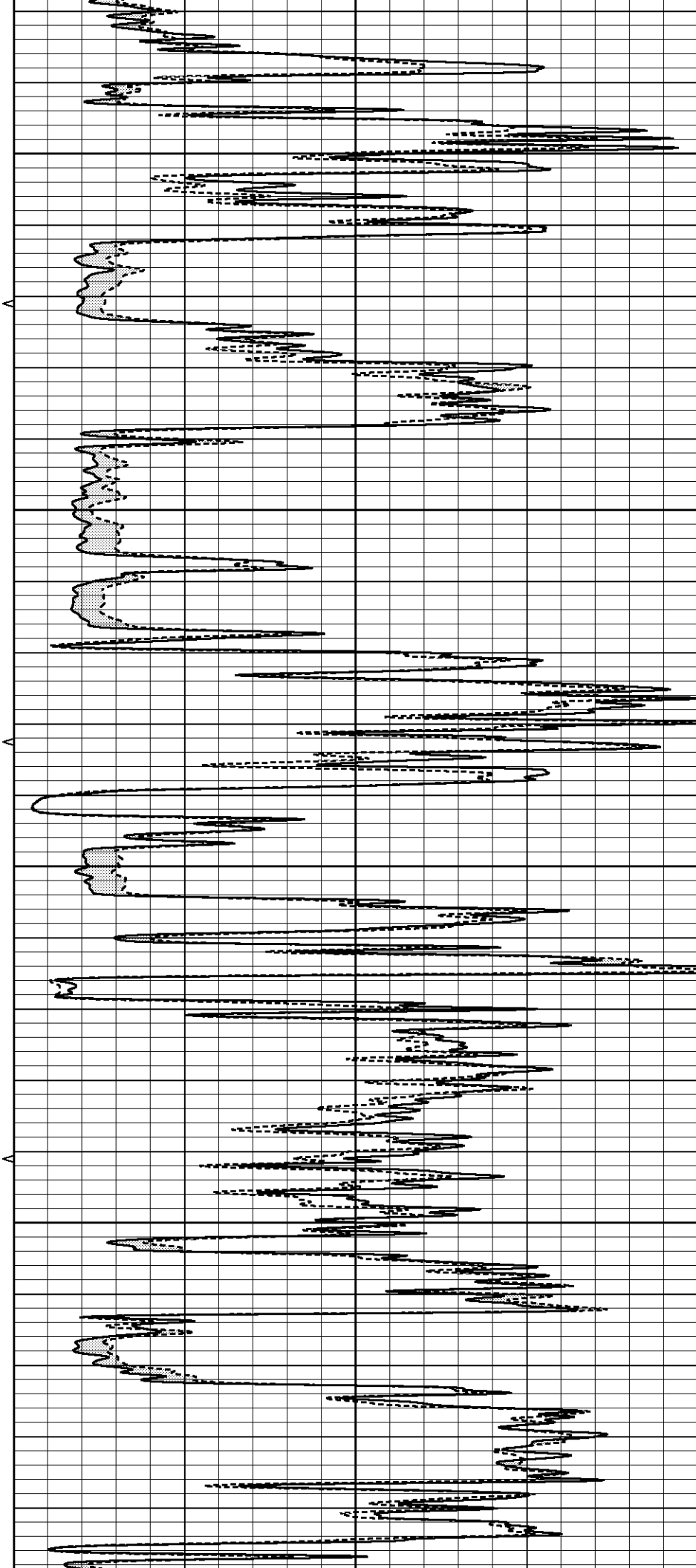


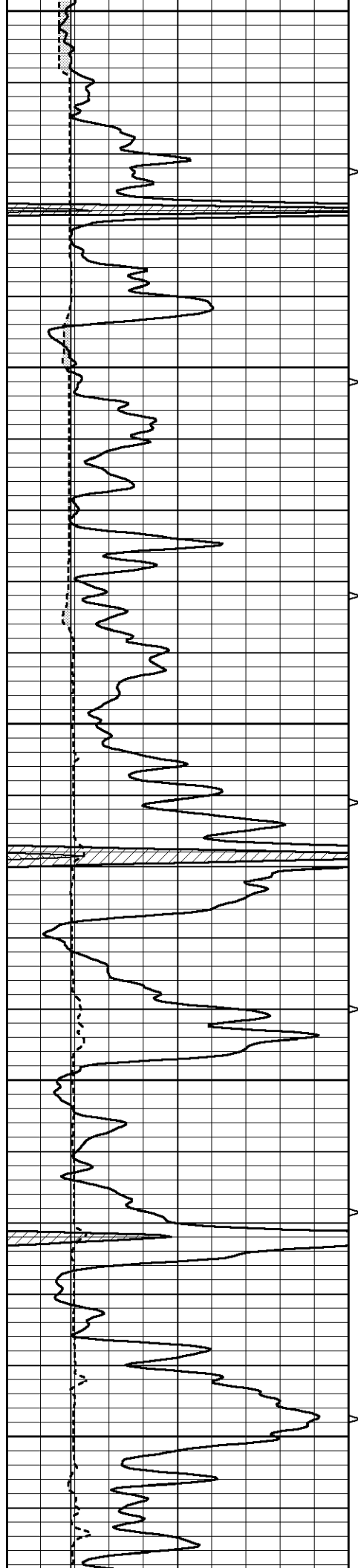
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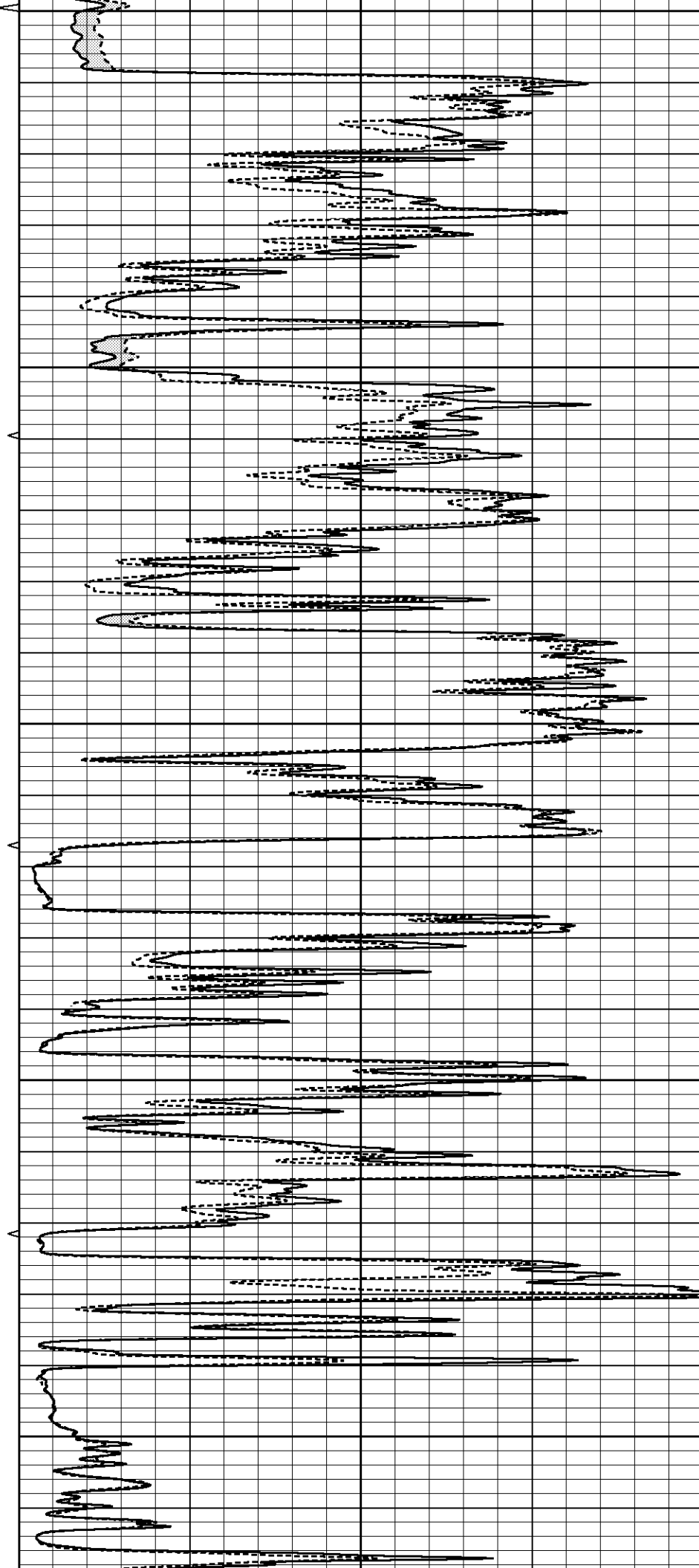
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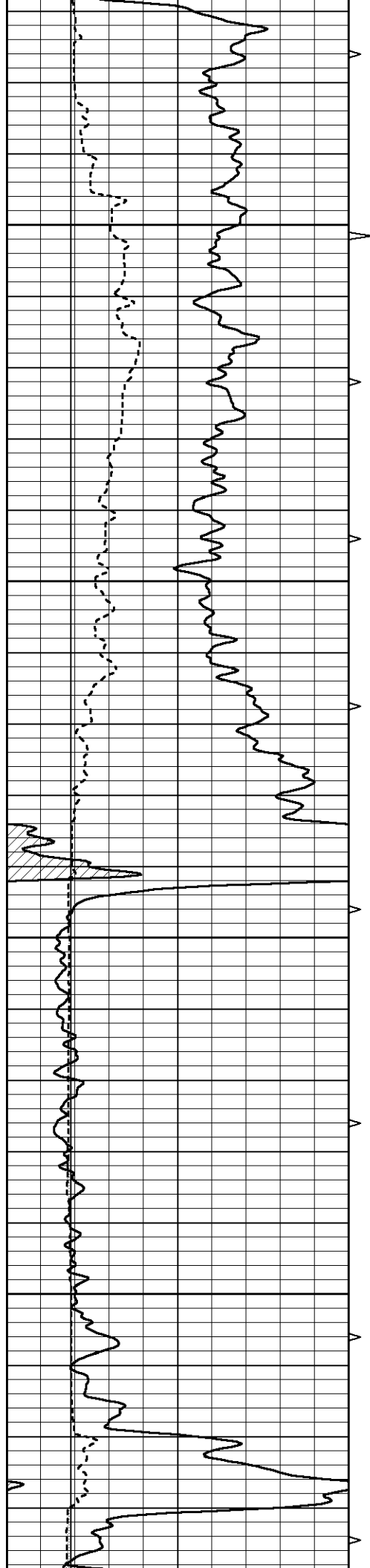
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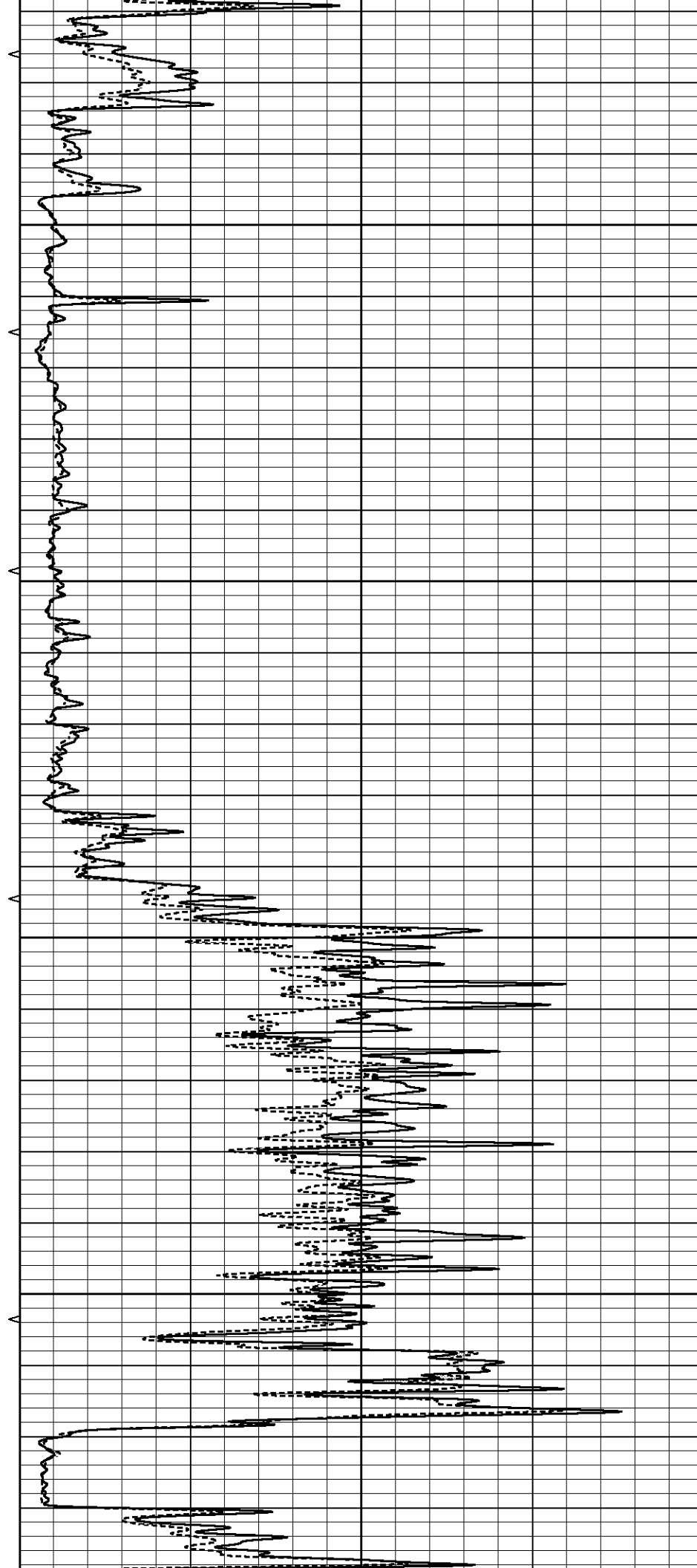


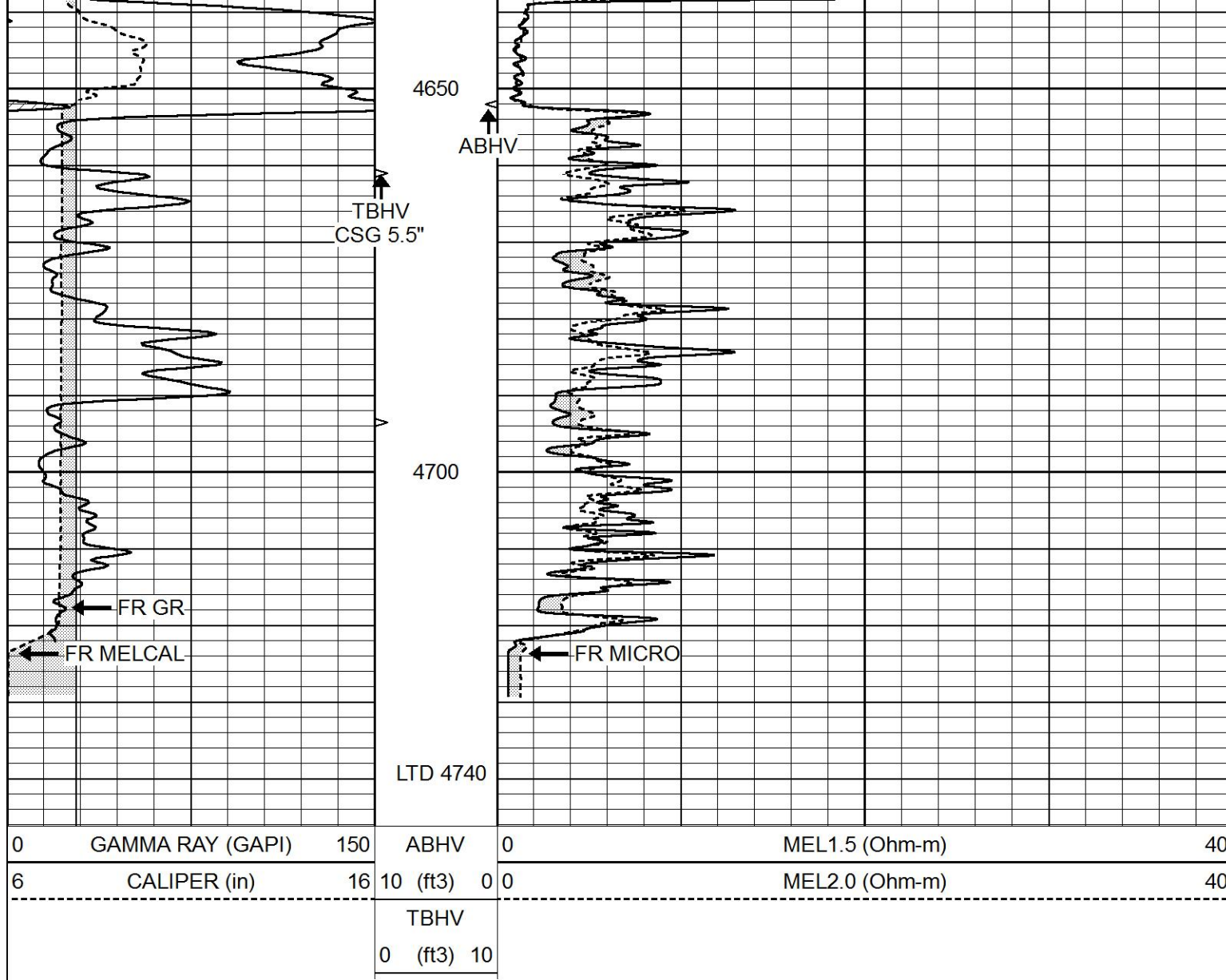
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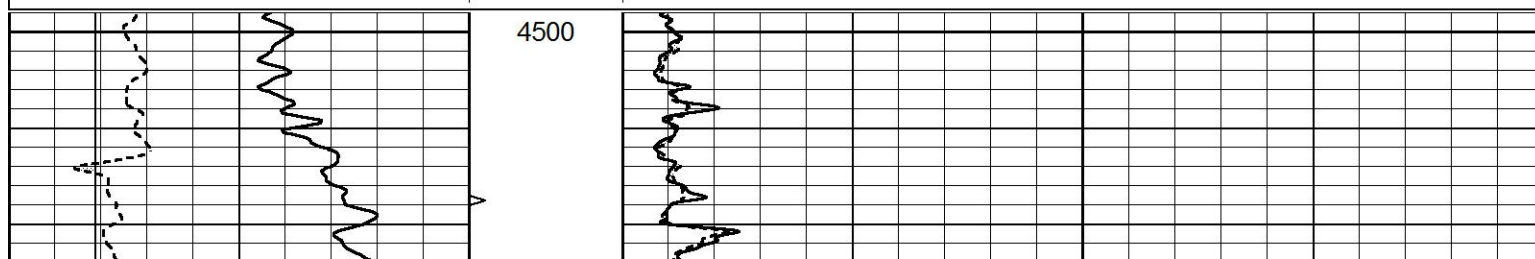


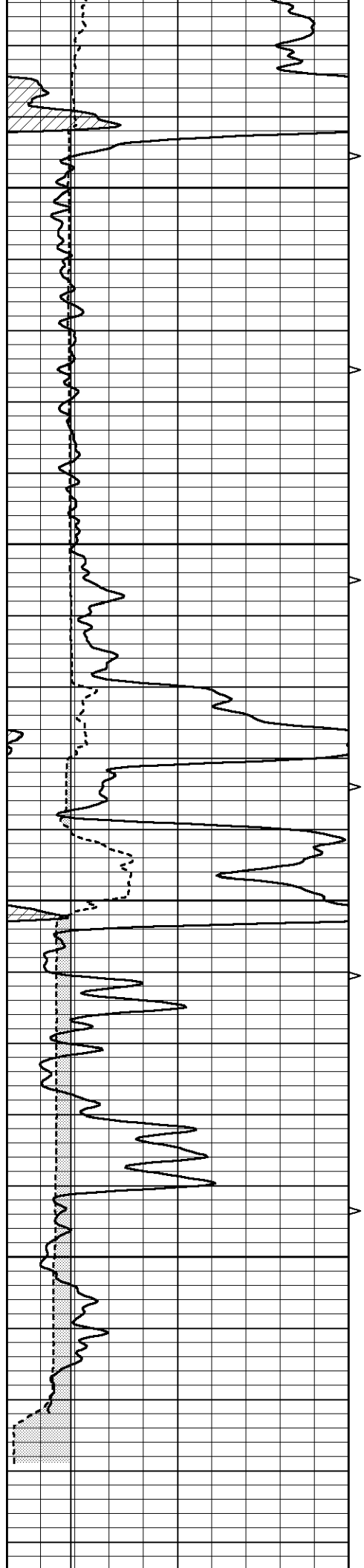


REPEAT SECTION

Database File 26602ddn8.db
 Dataset Pathname pass5.1
 Presentation Format _micro
 Dataset Creation Tue Jul 28 15:49:47 2015
 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
			TBHV			
			0 (ft3) 10			



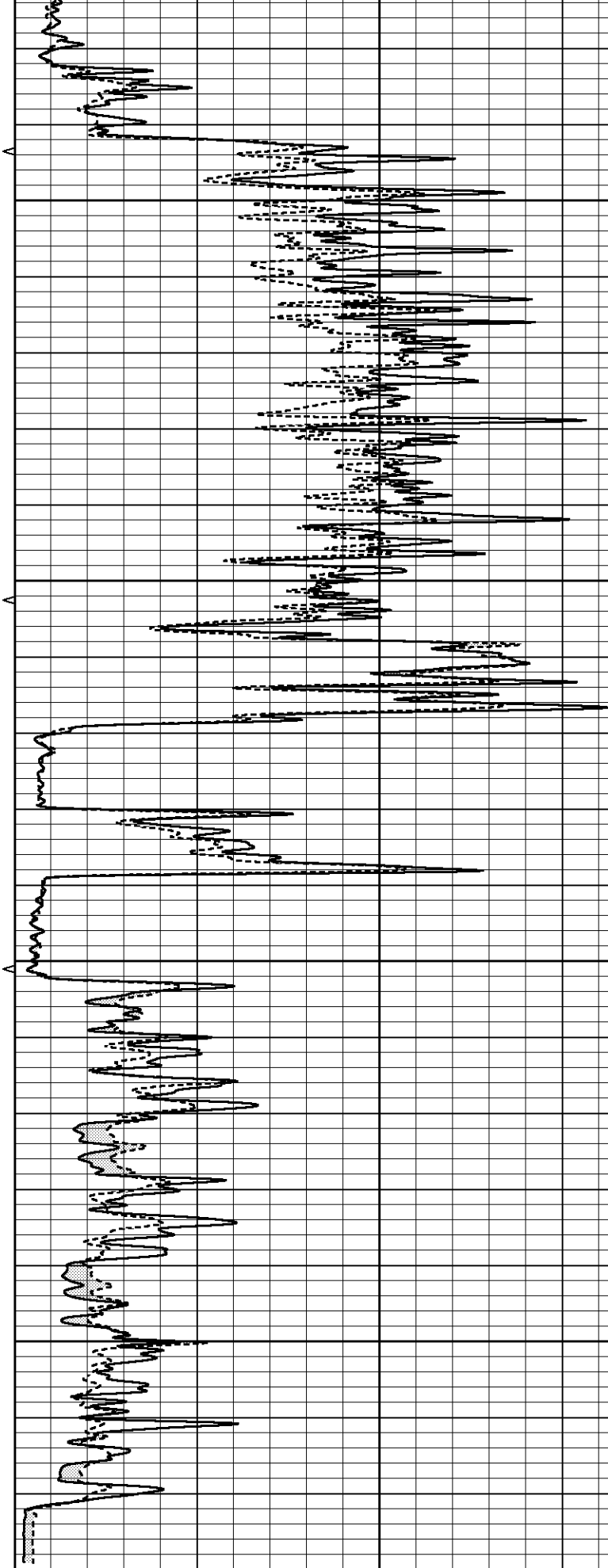


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4600

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4700



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
			TBHV			
			0 (ft3) 10			

Calibration Report								
Database File	26602ddn8.db							
Dataset Pathname	pass6.1							
Dataset Creation	Tue Jul 28 16:40:49 2015							
MICRO_USR Calibration Report								
Serial Number:			070910					
Tool Model:			ProbeL					
Performed:			Sat Jul 11 14:49:49 2015					
Caliper Calibration:			Gain=7.041		Offset=3.300			
References			Low Cal		High Cal			
Readings			8.000		14.000			
			0.779		1.631			
1.5" Calibration:			Gain=25.000		Offset=-0.067			
References			Low Cal		High Cal			
Readings			0.000		20.000			
			0.004		1.335			
2" Calibration:			Gain=35.000		Offset=-0.079			
References			Low Cal		High Cal			
Readings			0.000		20.000			
			0.004		1.029			
Microlog Calibration Report								
Serial-Model:			070910-ProbeL					
Performed:			(Not Performed)					
Readings			References			Results		
	Zero	Cal		Zero	Cal		m	b
Normal	0.0000	1.0000	V	0.0000	1.0000	Ohm-m	1.0000	0.0000
Inverse	0.0000	1.0000	V	0.0000	1.0000	Ohm-m	1.0000	0.0000
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000
Gamma Ray Calibration Report								
Serial Number:			7					
Tool Model:			Probe1					
Performed:			Thu Jan 01 09:43:47 2015					
Calibrator Value:			1.0		GAPI			
Background Reading:			0.0		cps			
Calibrator Reading:			1.0		cps			
Sensitivity:			0.5000		GAPI/cps			