

MICRO LOG

Company	BEAR PETROLEUM	Company	BEAR PETROLEUM
Well	THOMPSON A#1	Well	THOMPSON A#1
Field	N/A	Field	N/A
County	PAWNEE	County	PAWNEE
State	KANSAS	State	KANSAS
Location:	API # : 15-145-21834-00-00	Other Services	CDL/CNL/DIL SONIC
Permanent Datum	660 FNL & 1605 FEL	Elevation	
Log Measured From	GROUND LEVEL	K.B. 2192	
Drilling Measured From	KELLY BUSHING 6' A.G.L. KELLY BUSHING	D.F. 2190	
		G.L. 2186	
Date	07/05/18		
Run Number	TWO		
Depth Driller	4580		
Depth Logger	4581		
Bottom Logged Interval	4561		
Top Log Interval	2200		
Casing Driller	8 5/8" @ 1278		
Casing Logger	1278		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6800 PPM	
Density / Viscosity	9.3/52		
pH / Fluid Loss	9.0/10.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.60@82		
Rmt @ Meas. Temp	.45@82		
Rmc @ Meas. Temp	.72@82		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.40@121		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	122F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	ROD ANDERSON		

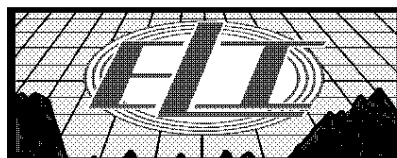
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

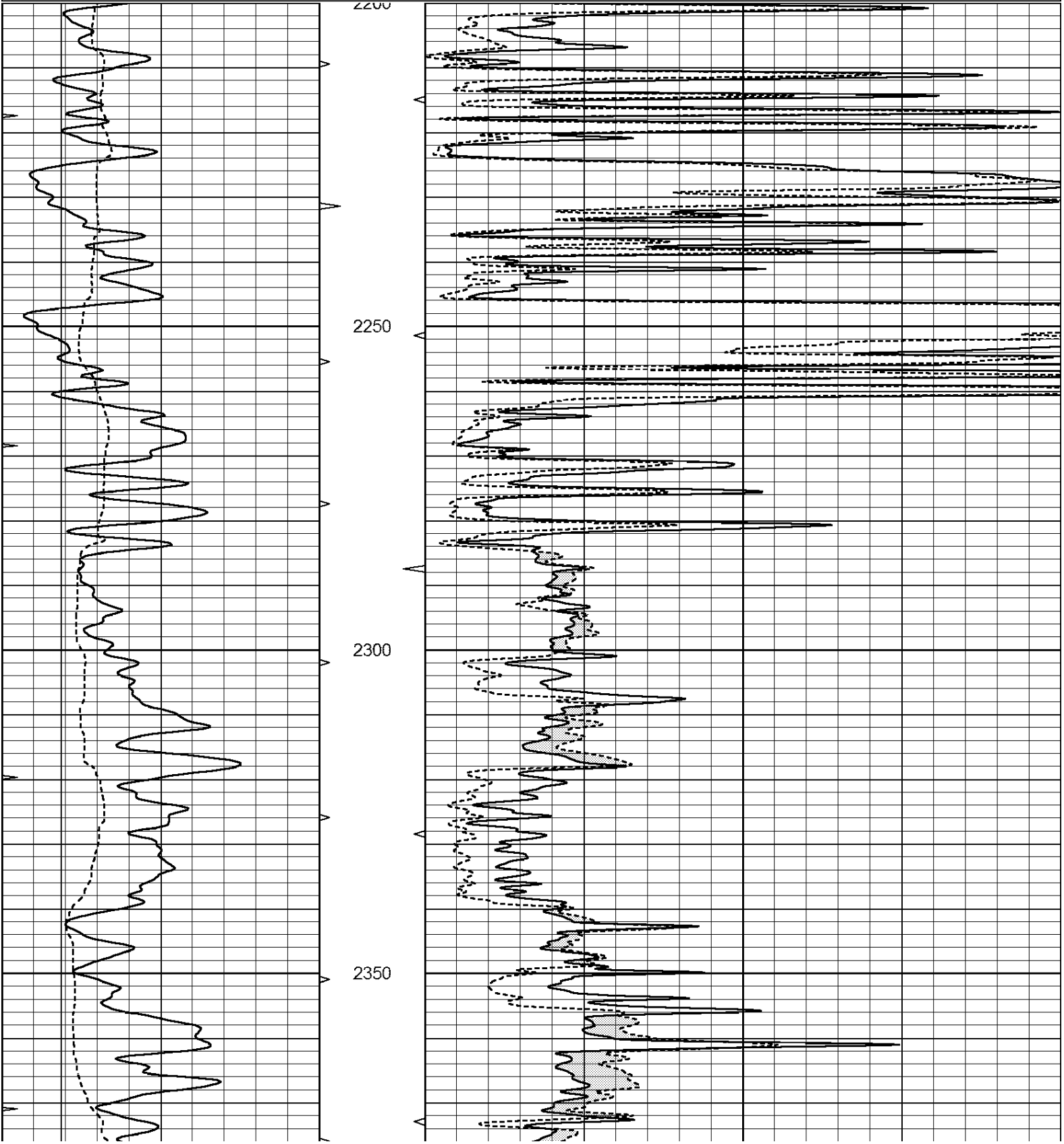
DIRECTIONS
BURDETT EAST TO 340 SOUTH TO K RD.
WEST INTO.

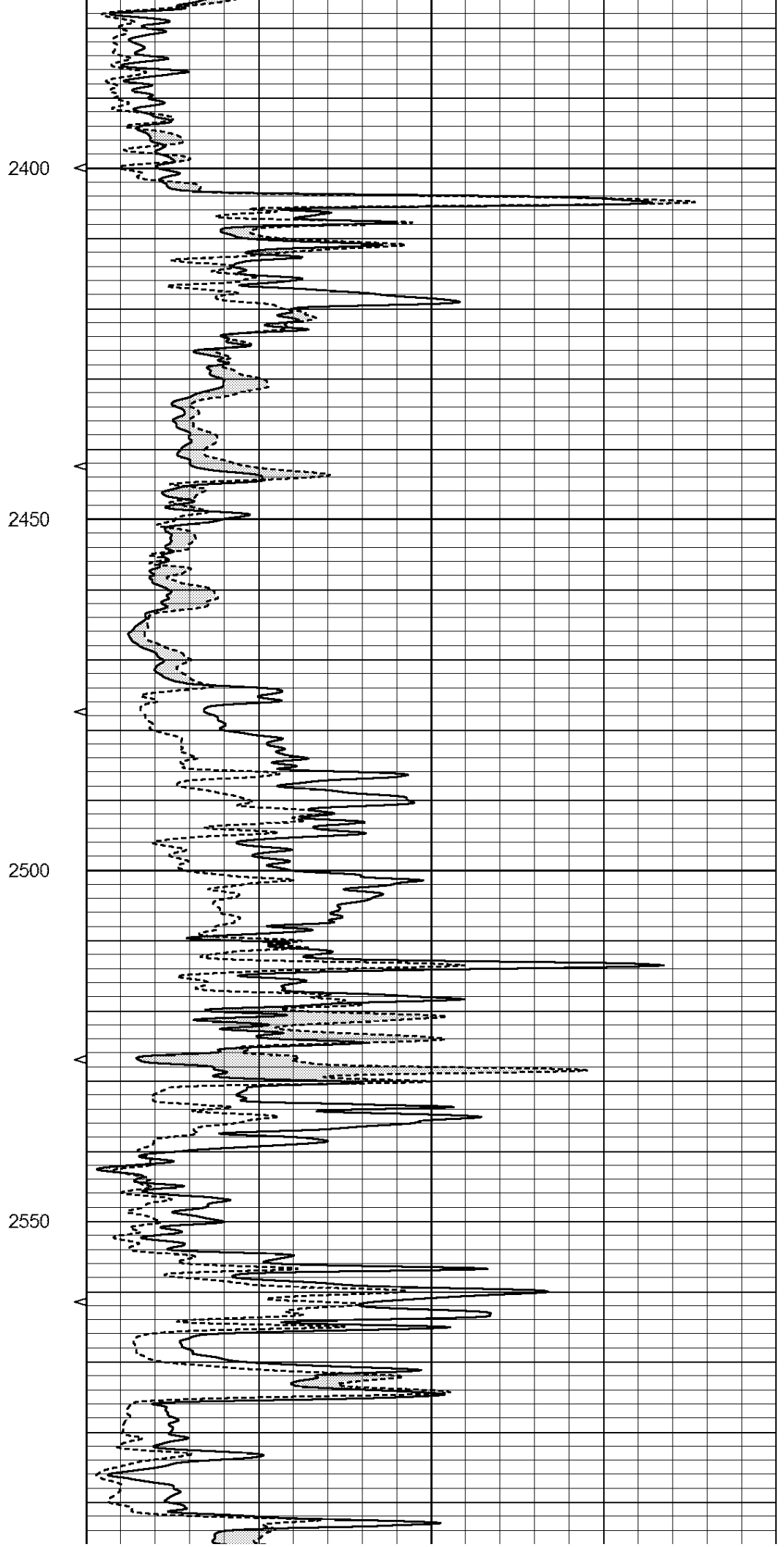
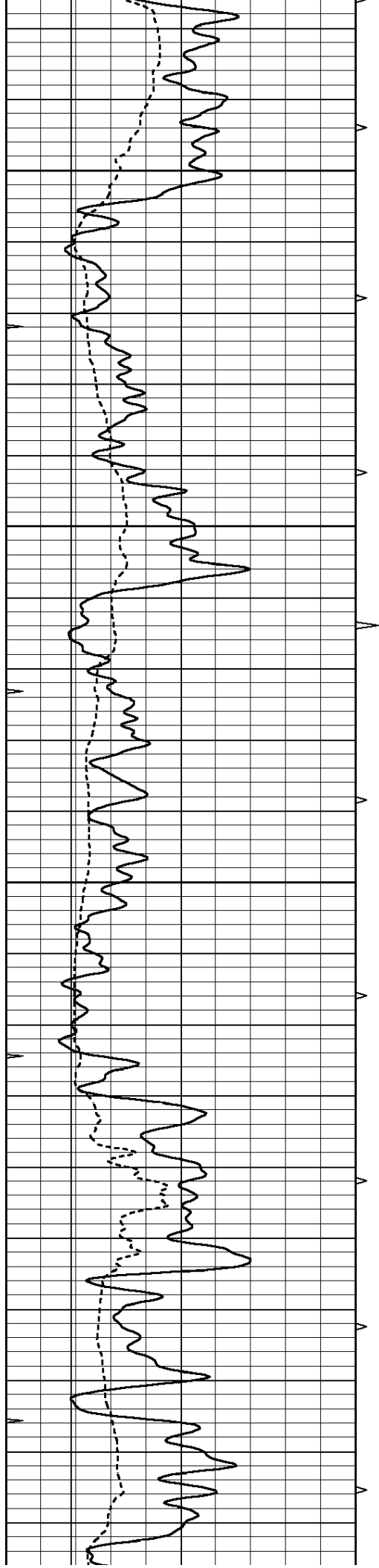


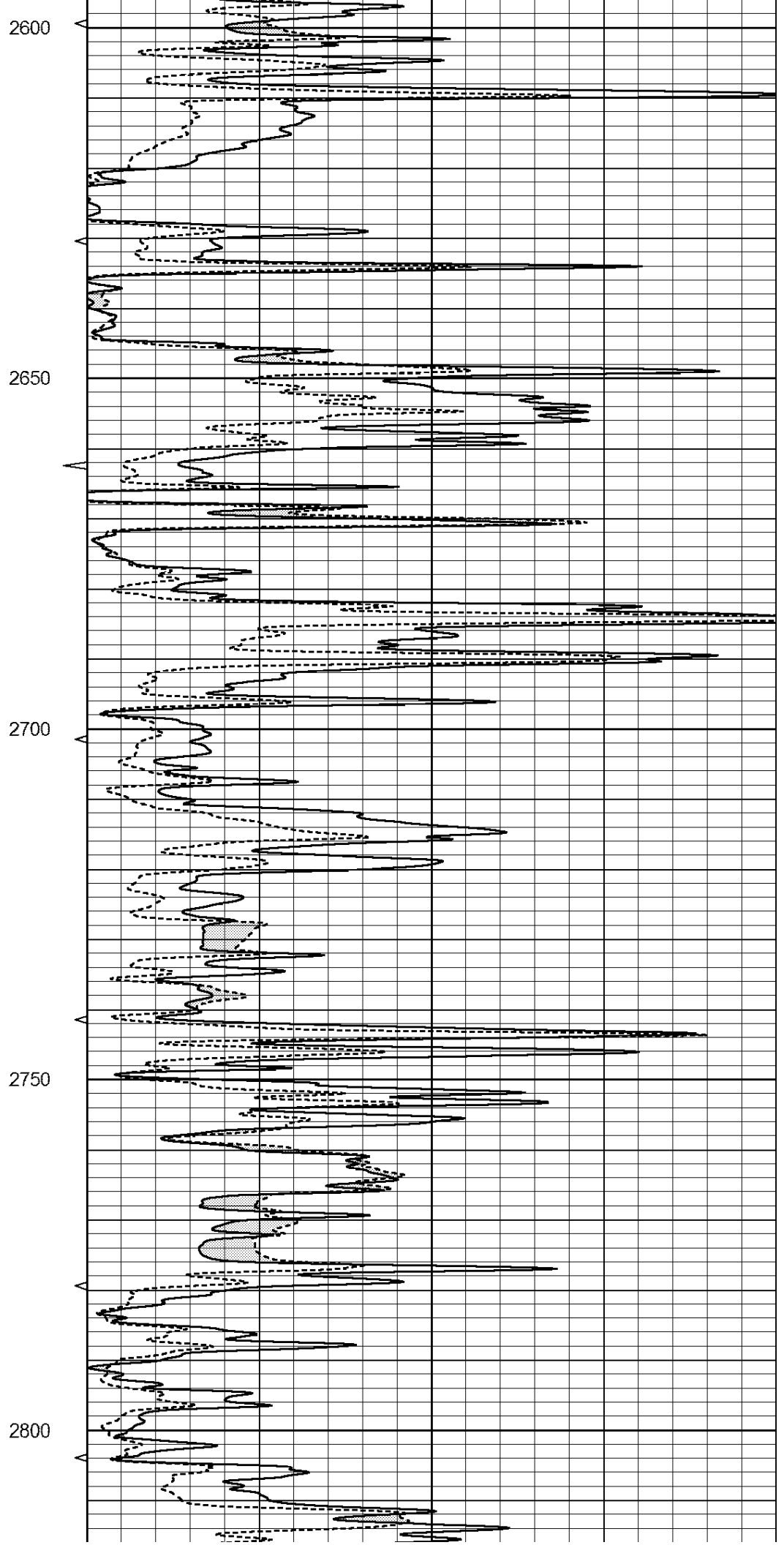
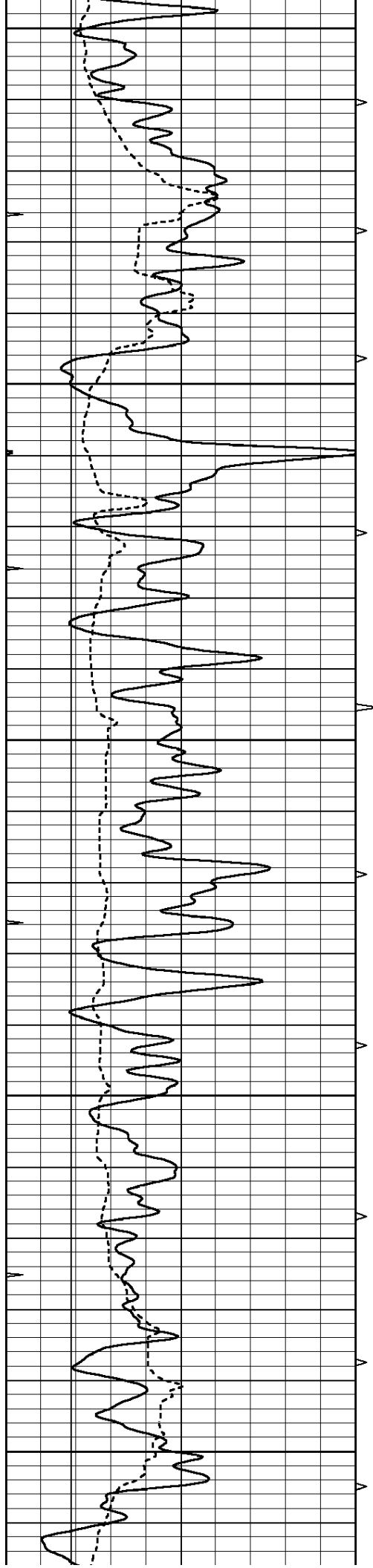
MAIN PASS

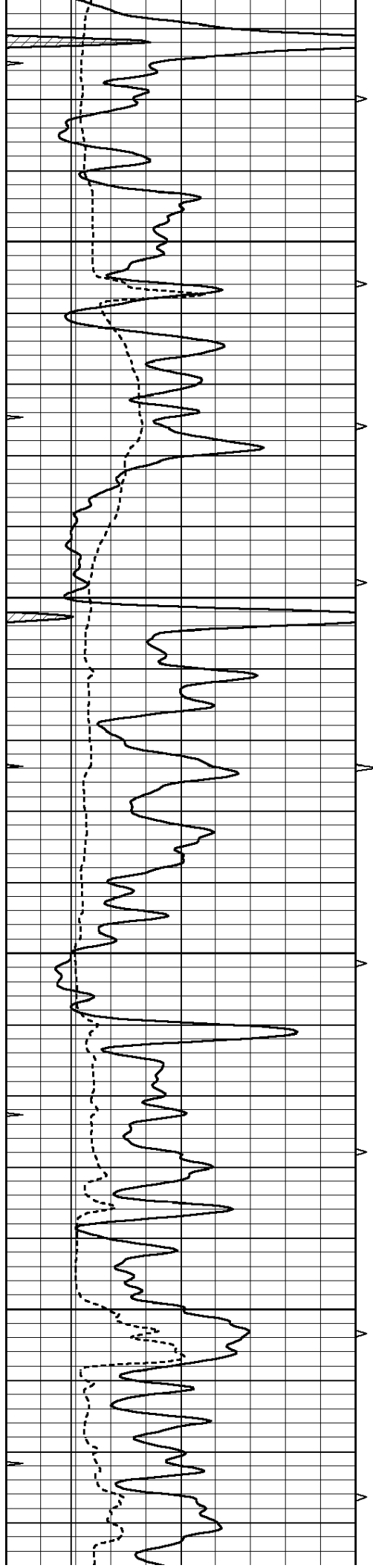
Database File: 2689ddn.db
Dataset Pathname: pass5.1
Presentation Format: _micro
Dataset Creation: Thu Jul 05 11:14:00 2018
Charted by: Depth in Feet scaled 1:240

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			







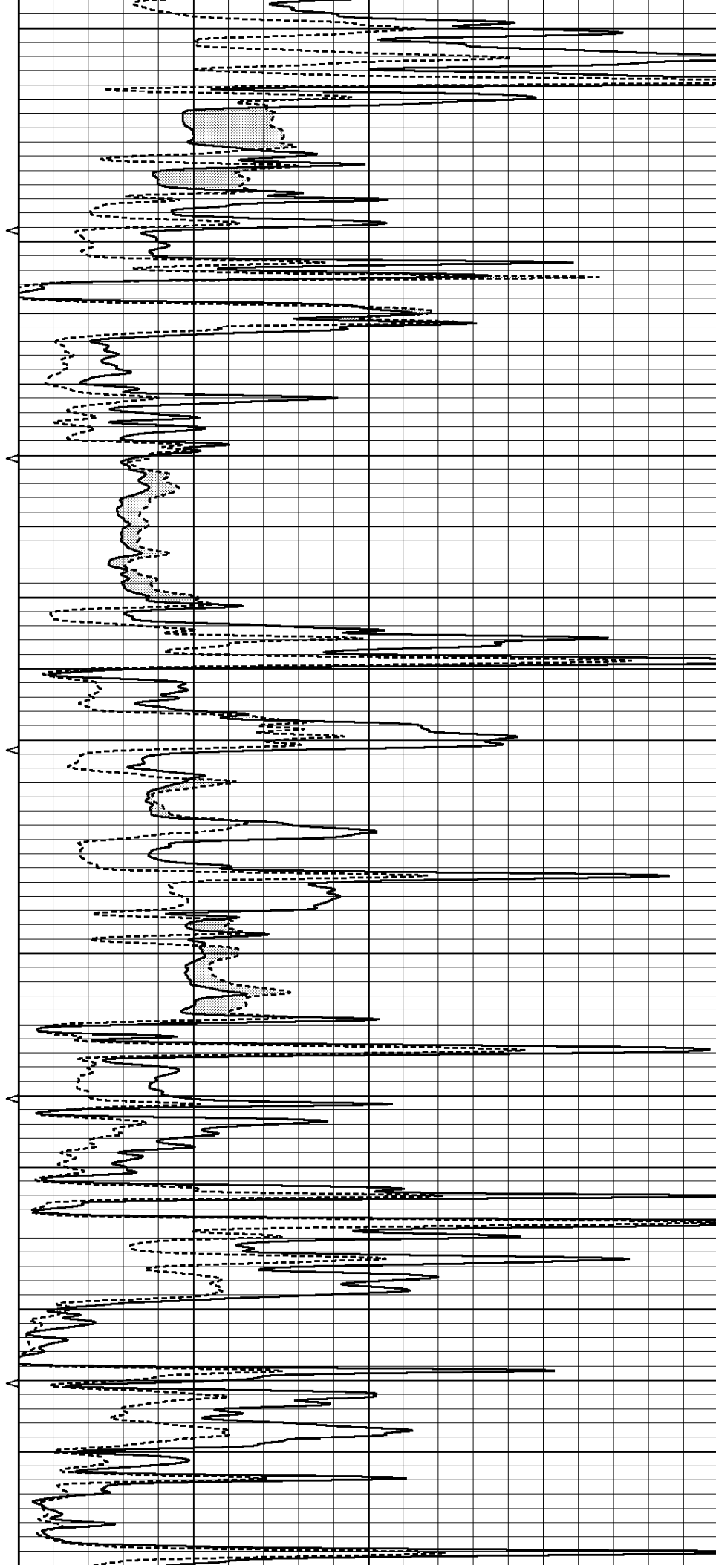


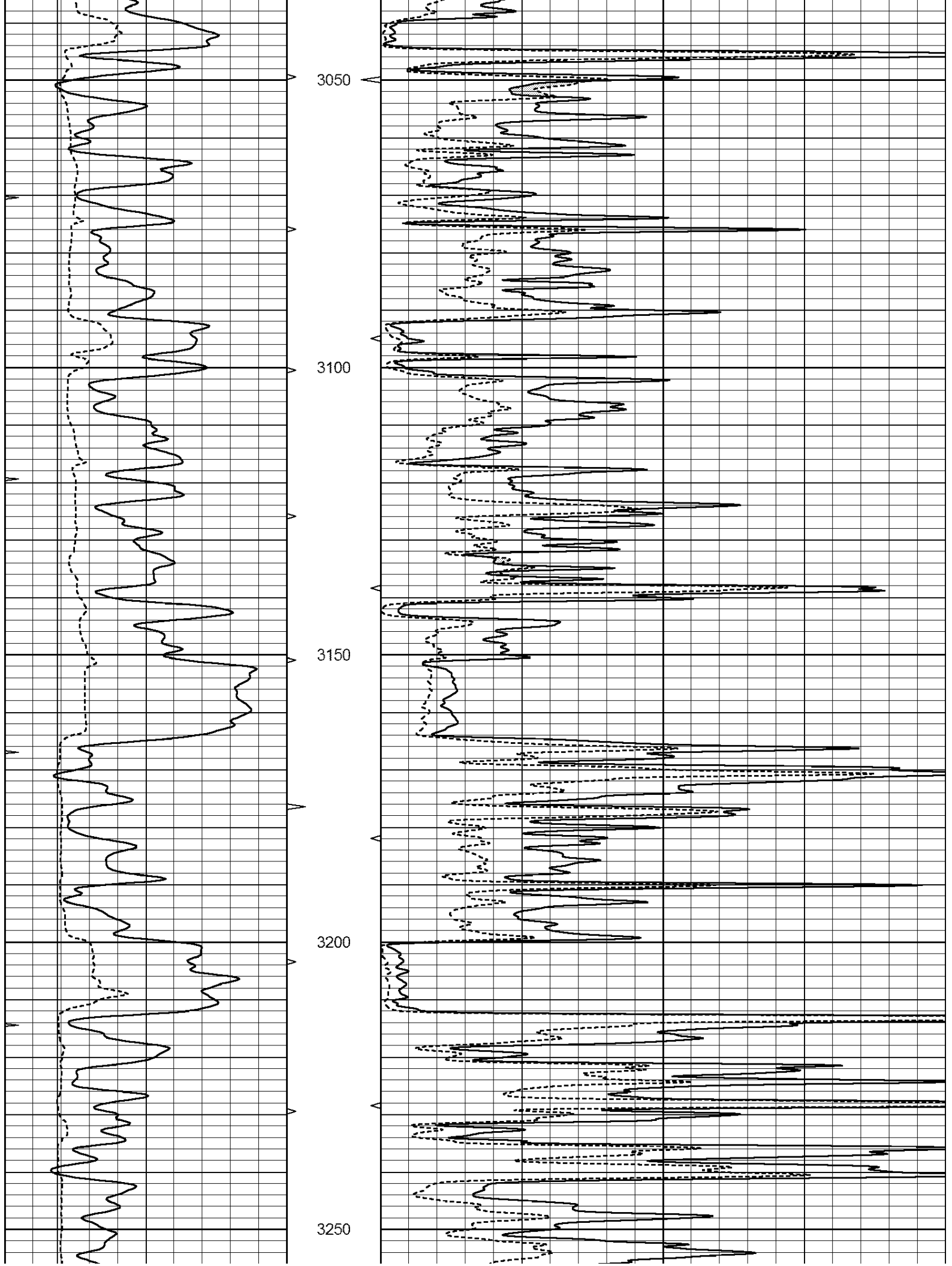
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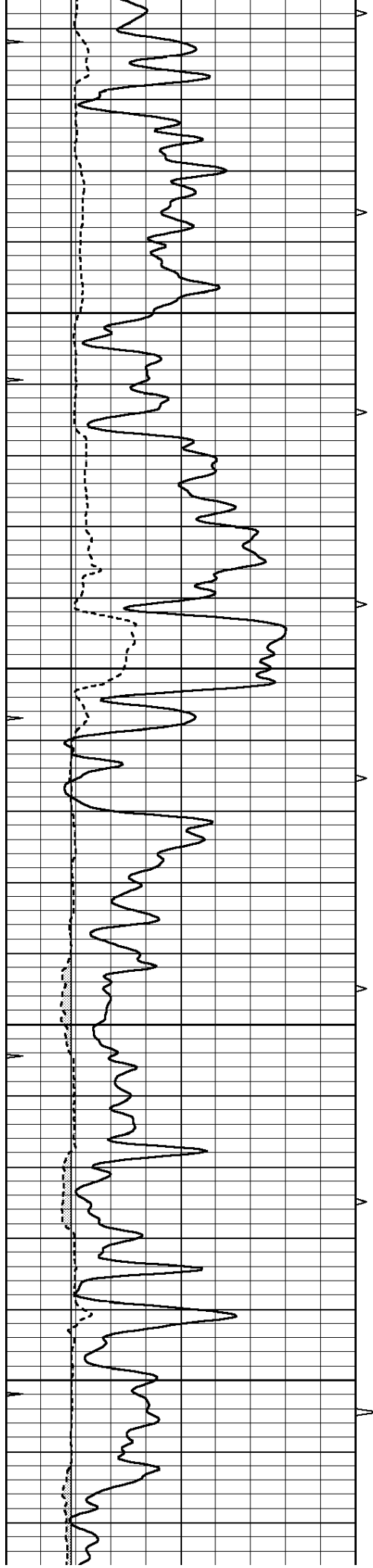
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2950

3000





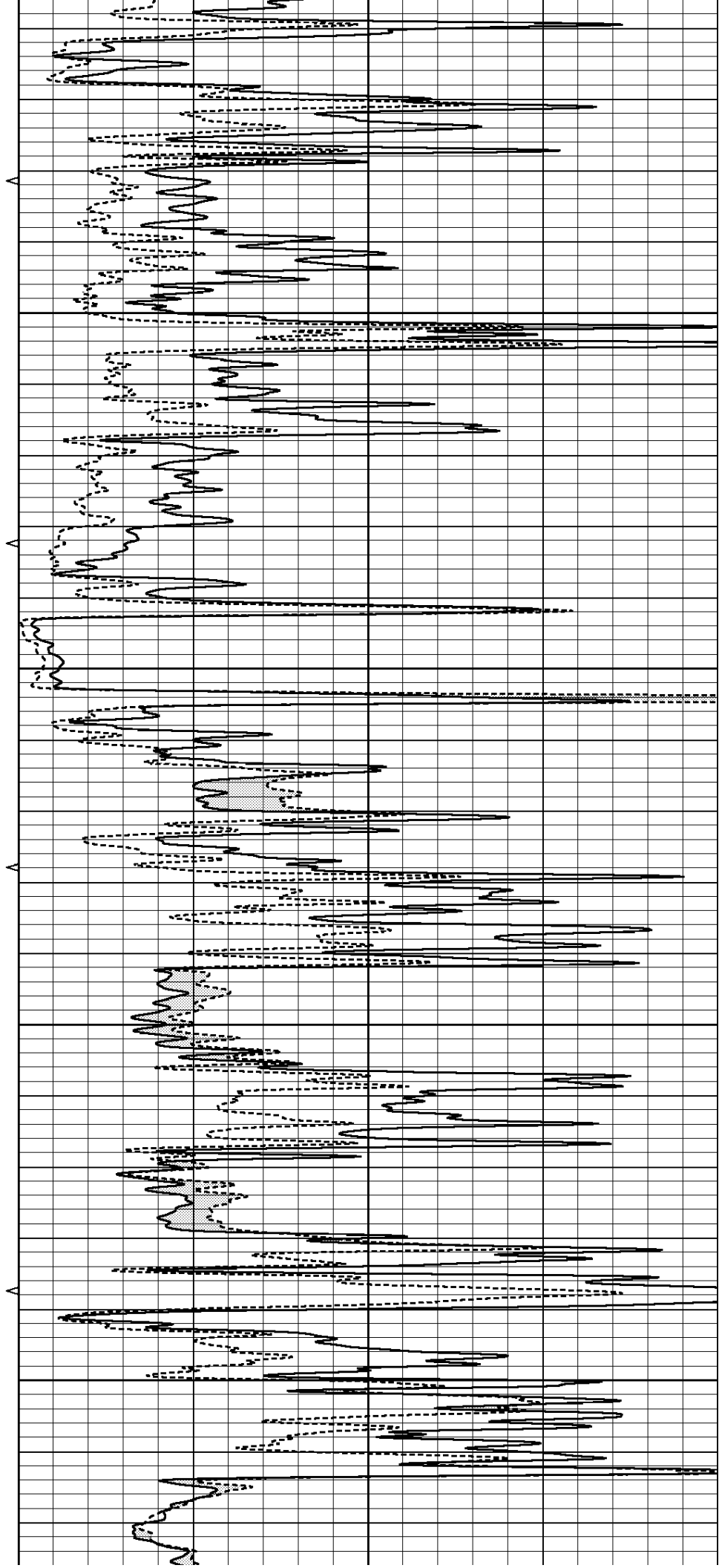


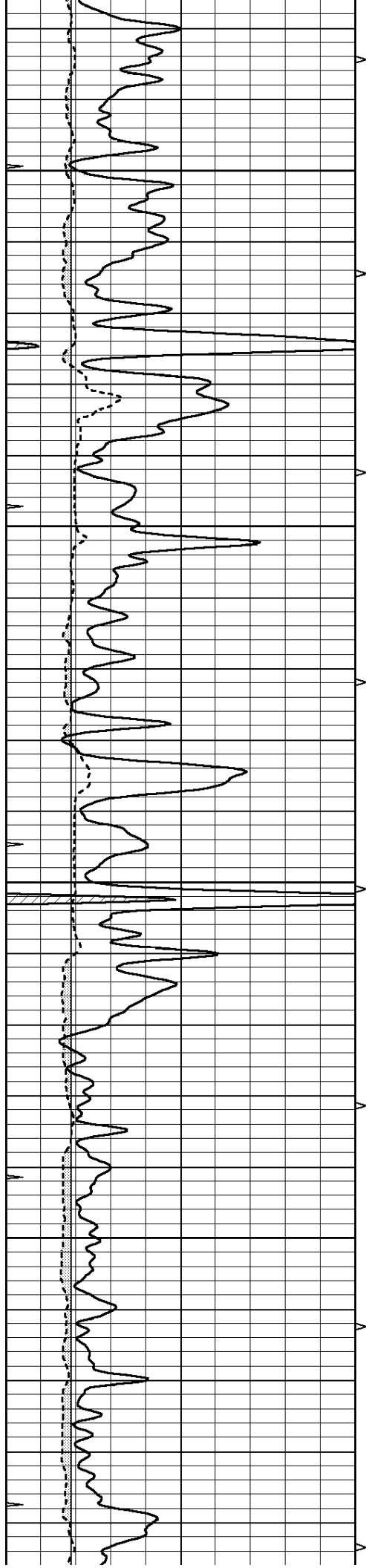
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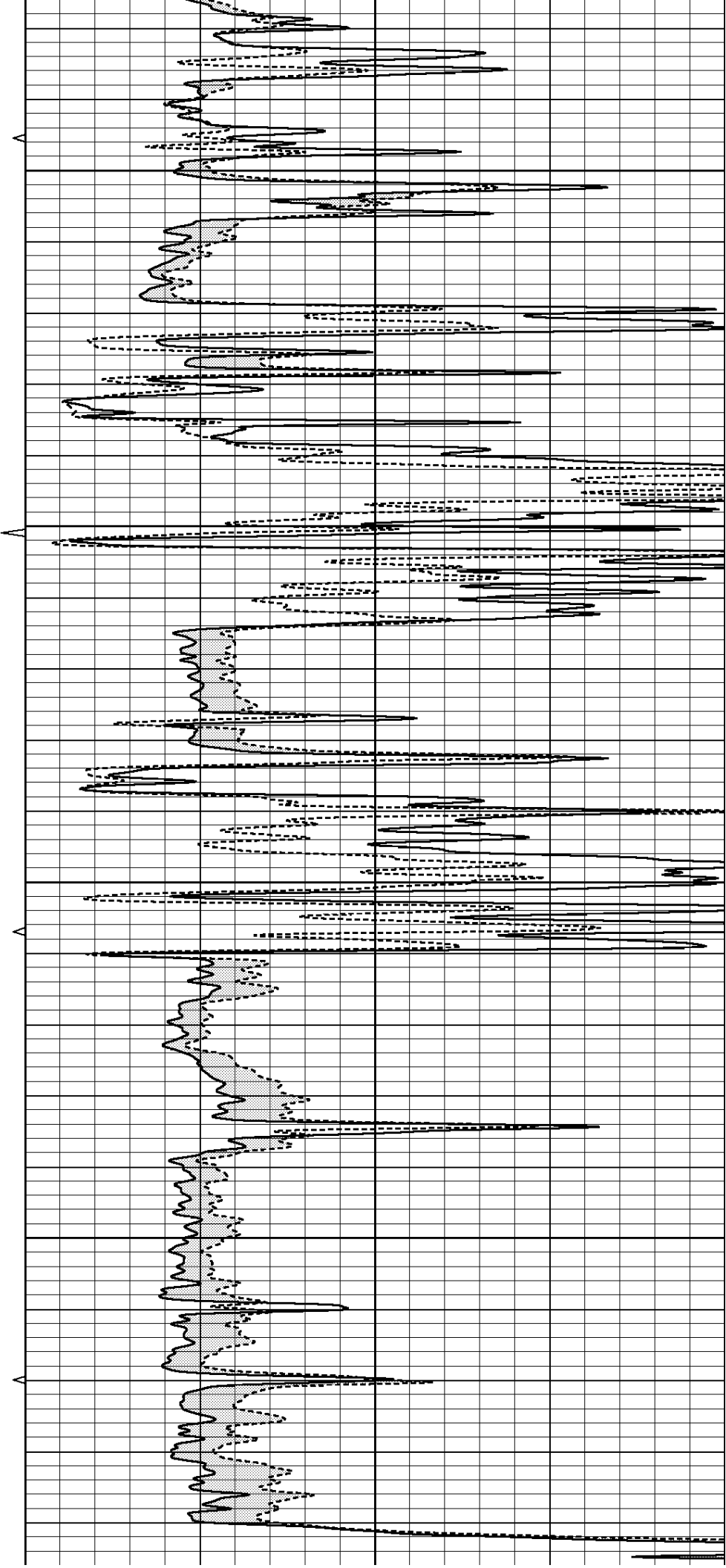


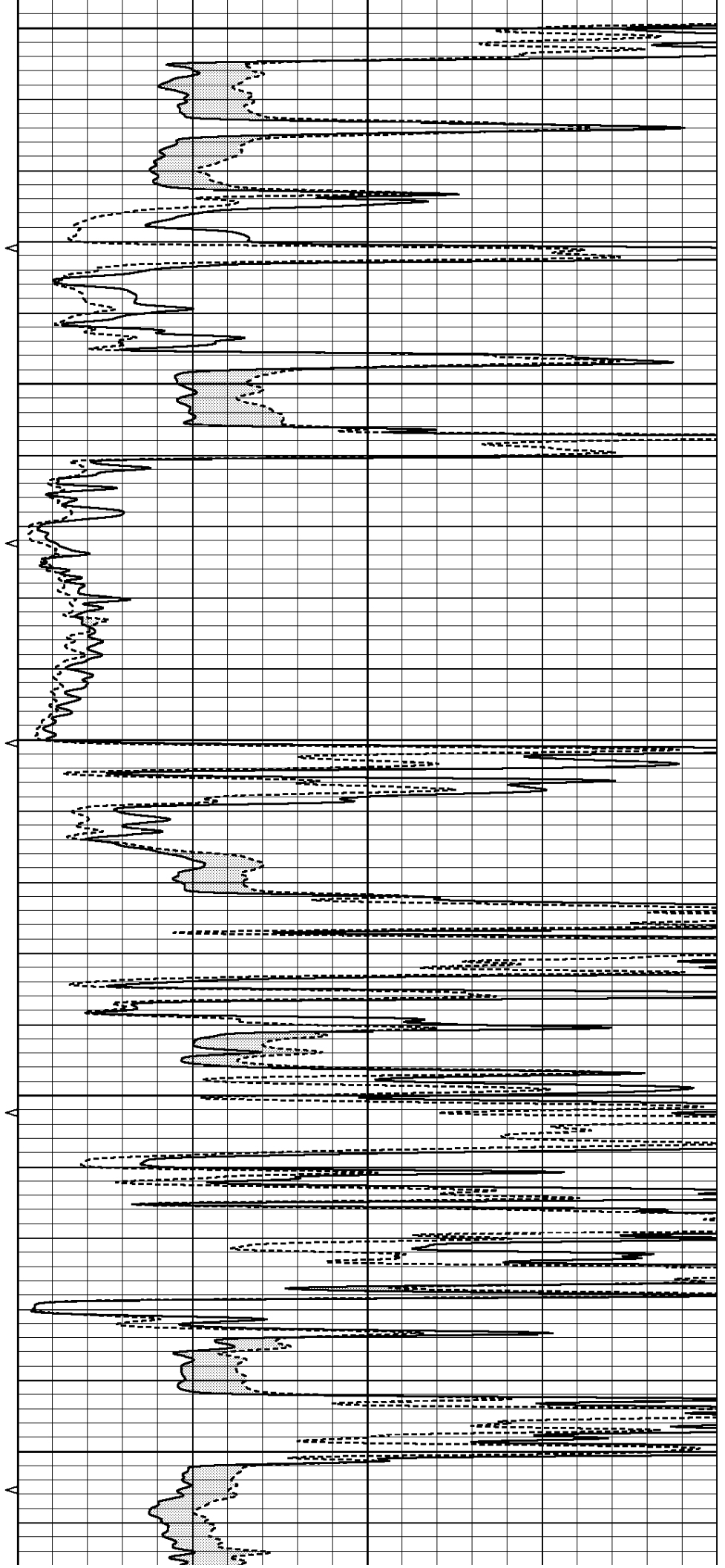
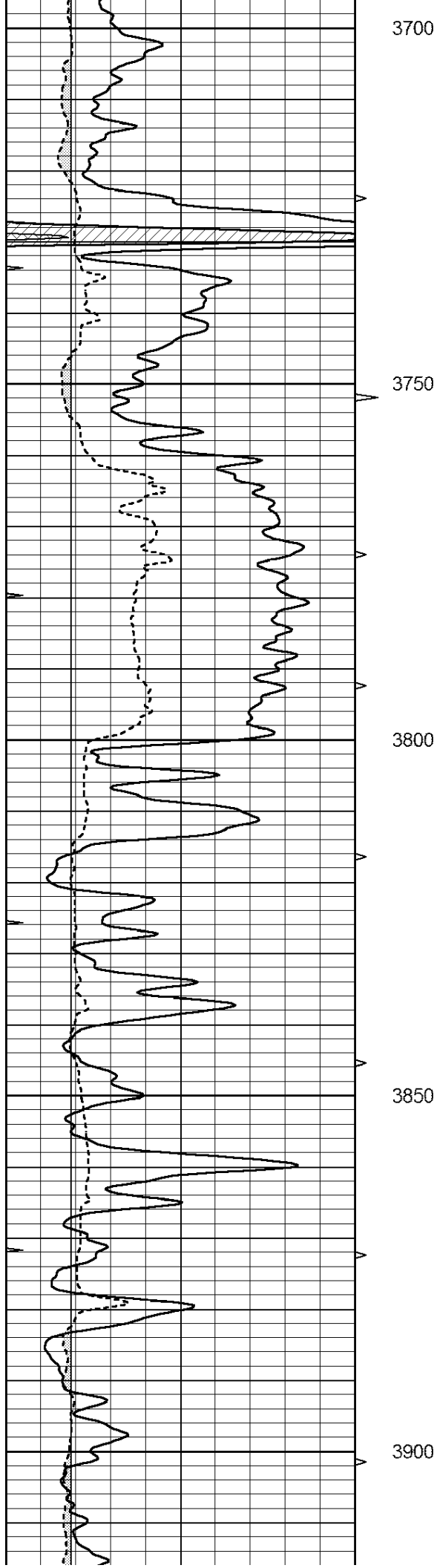
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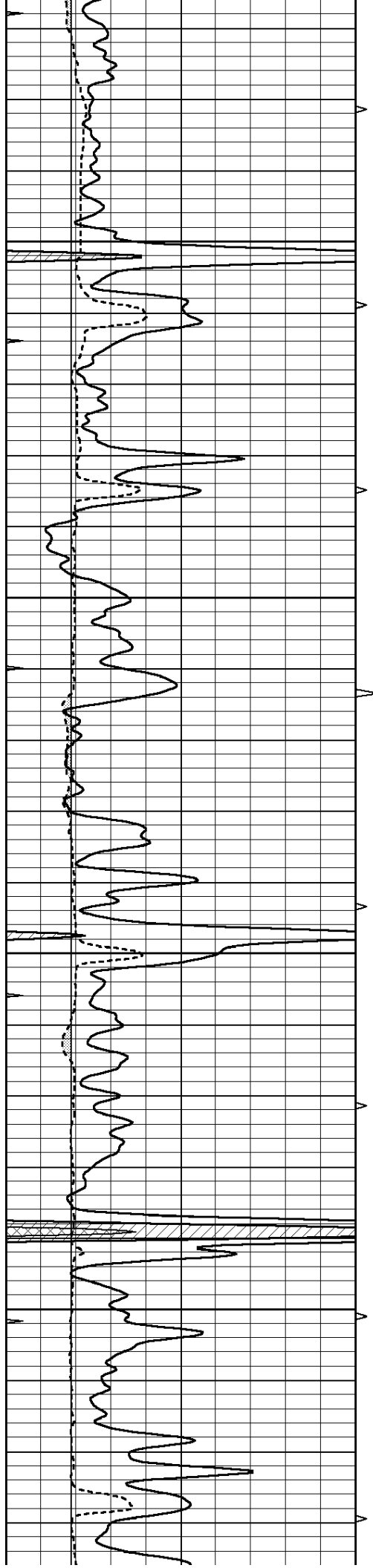
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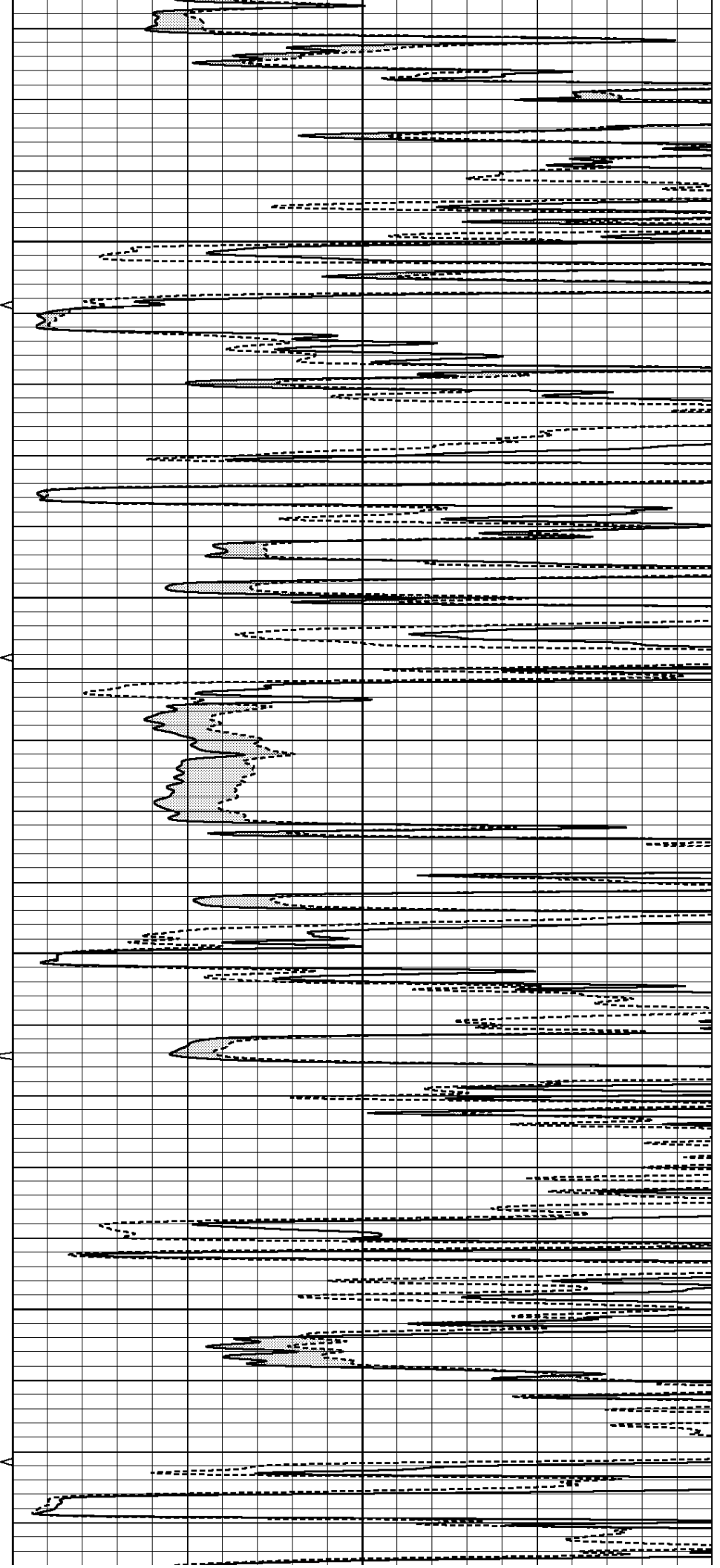


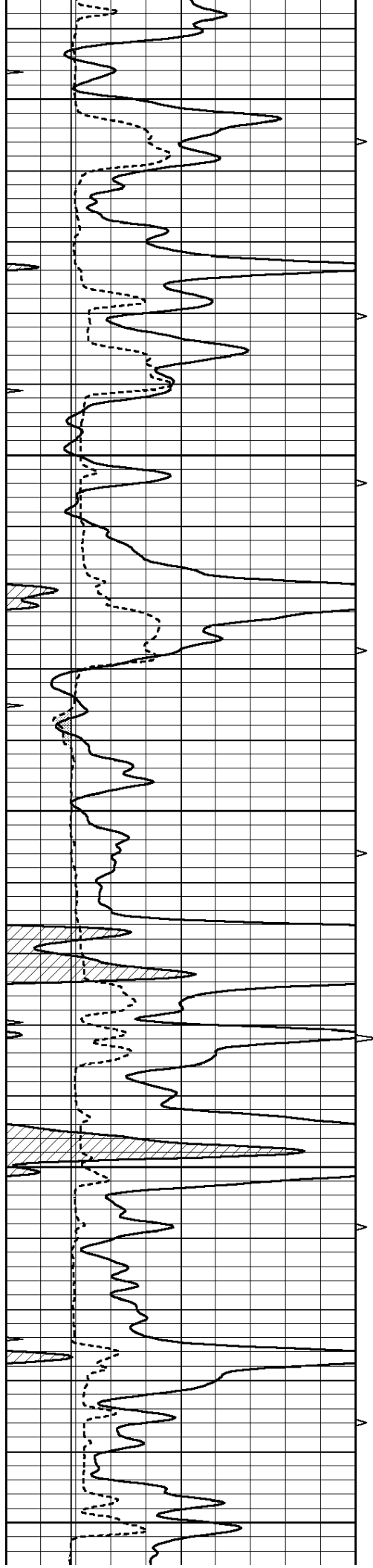
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4000

4050

4100





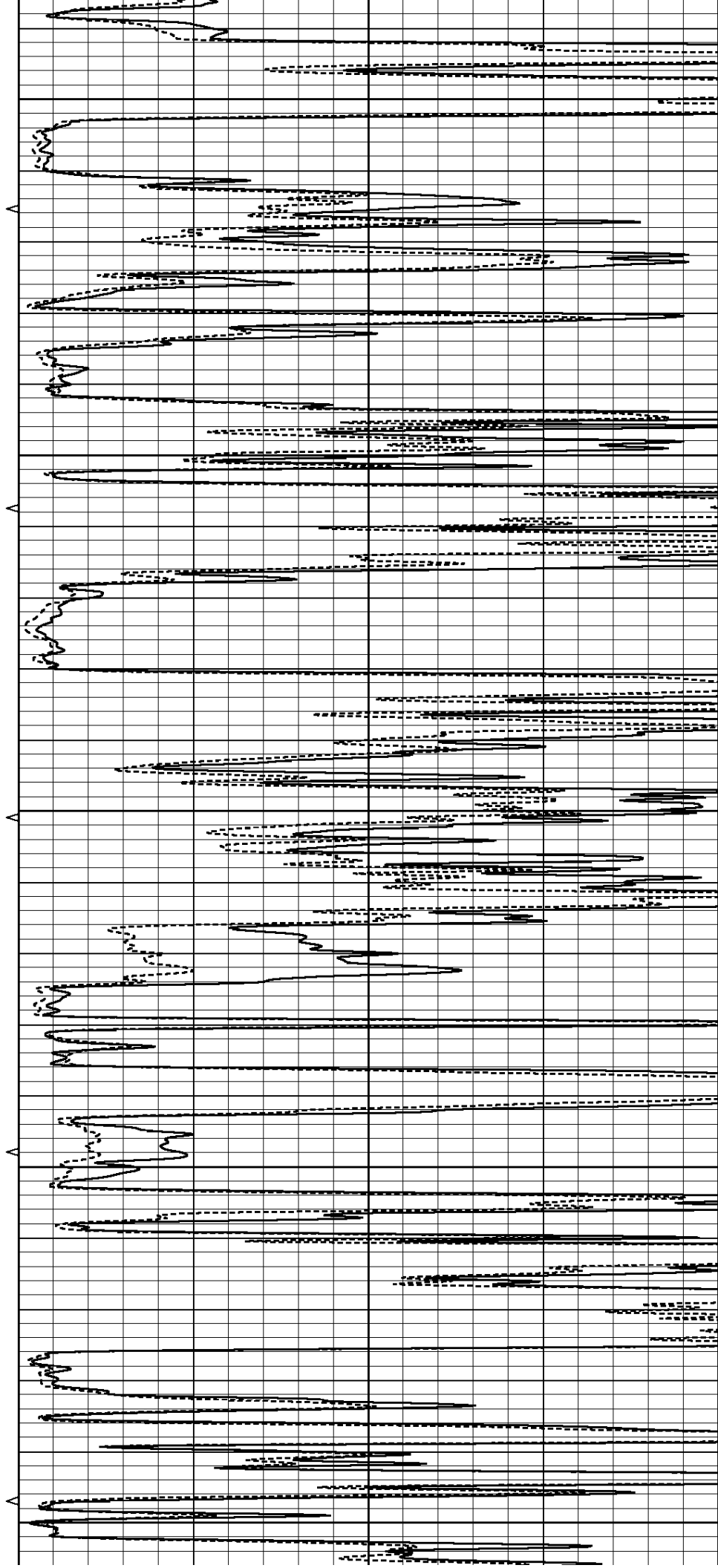
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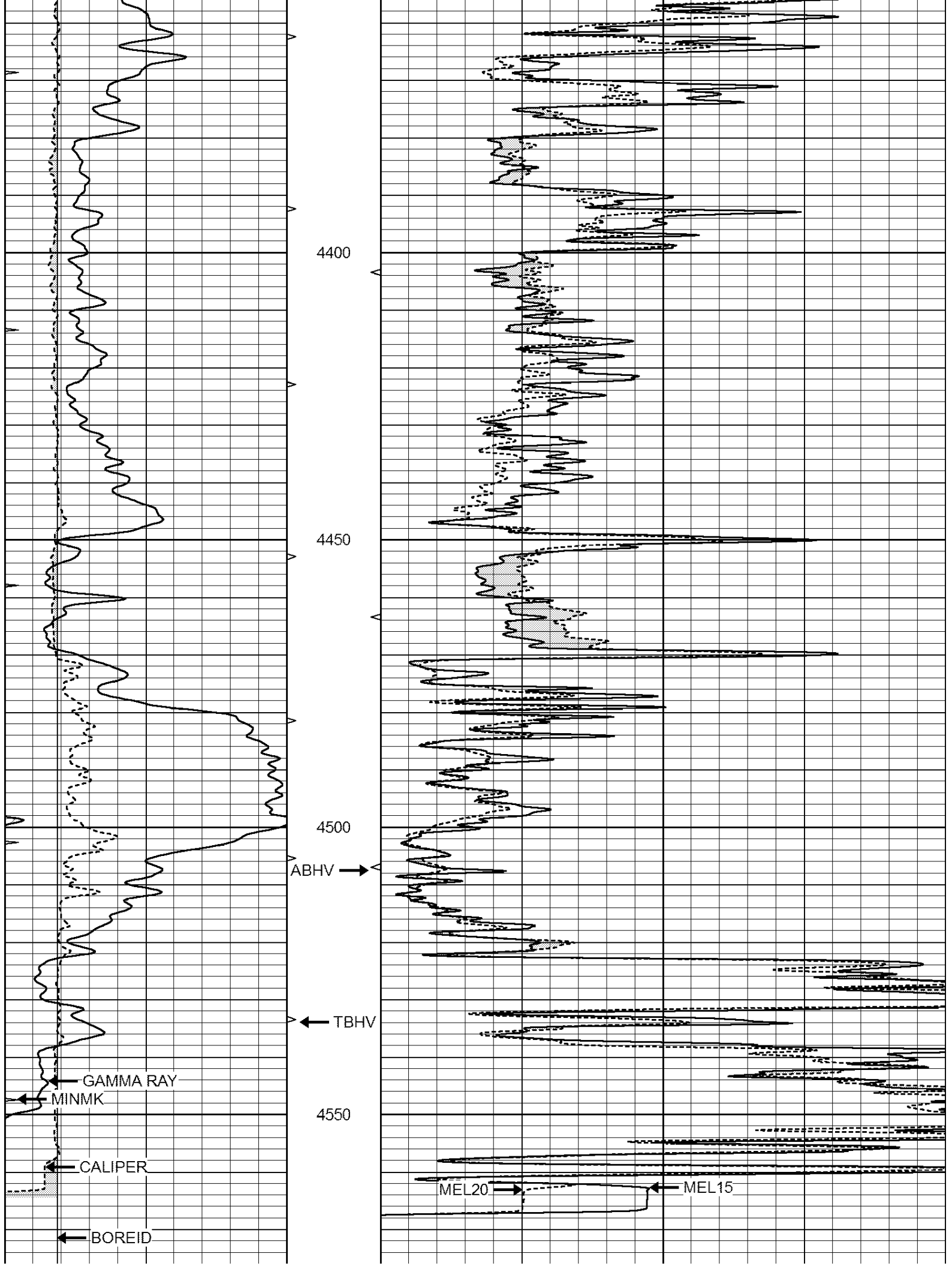
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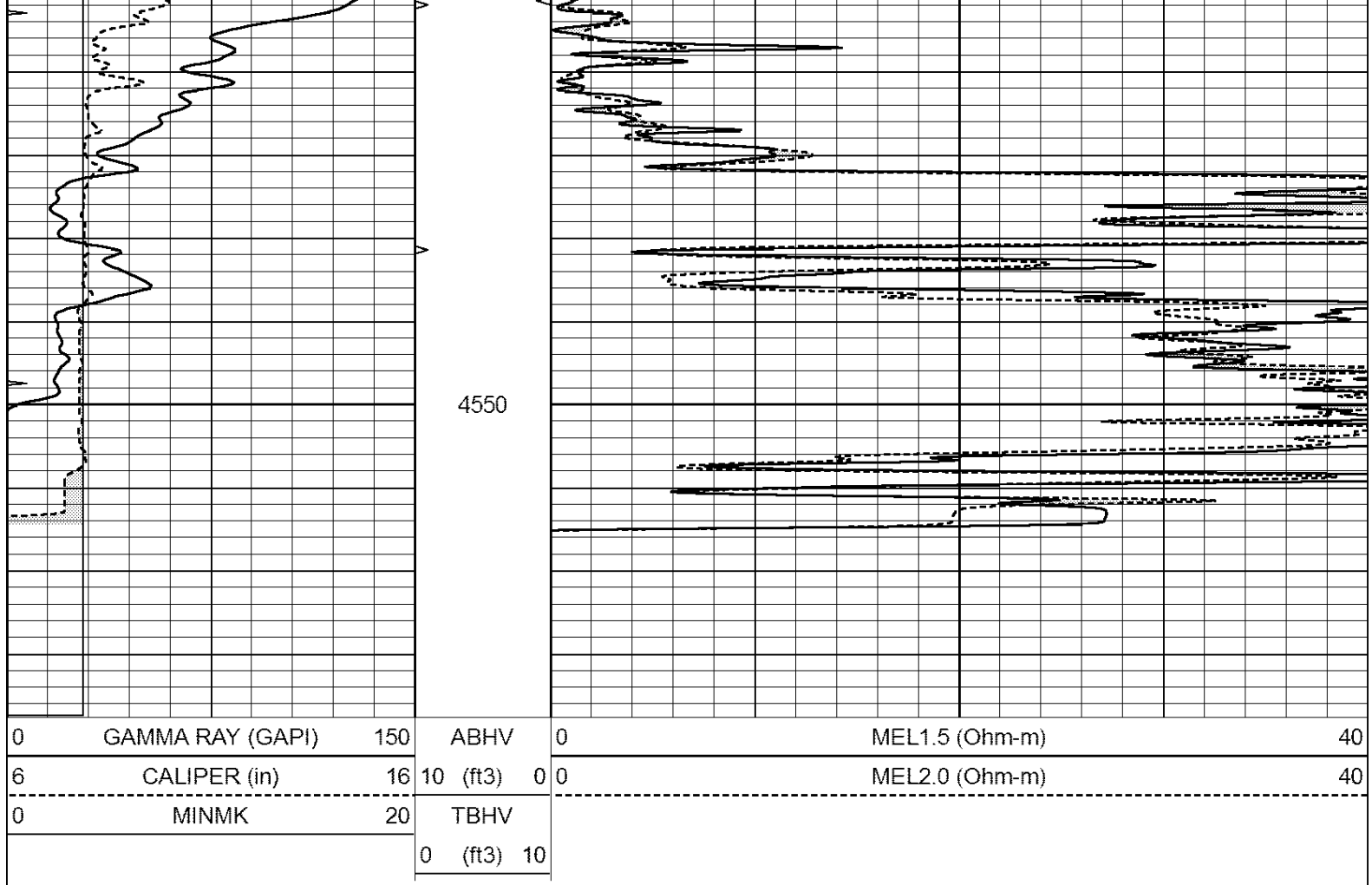
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4300

4350







Calibration Report			
Database File:	2689ddn.db		
Dataset Pathname:	pass4RP		
Dataset Creation:	Thu Jul 05 10:49:06 2018		
MICRO Calibration Report			
Serial Number:	MICRO4		
Tool Model:	PROBE		
Performed:	Thu Jul 05 09:30:00 2018		
Caliper Calibration:	Gain=3.729	Offset=-17.125	
	Low Cal	High Cal	
References	7.000	14.000	
Readings	6.470	8.348	
1.5" Calibration:	Gain=39.297	Offset=-3.175	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.013	1.517	
2" Calibration:	Gain=51.168	Offset=-3.264	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.015	1.180	
Gamma Ray Calibration Report			
Serial Number:	GR5		
Tool Model:	OPEN		
Performed:	Mon Jul 02 20:05:37 2018		

P Chemical:

Mon Jul 02 20:00:07 2018

Calibrator Value:

1.0

GAPI

Background Reading:

0.0

cps

Calibrator Reading:

1.0

cps

Sensitivity:

0.8000

GAPI/cps