



MICRO LOG

Company	WOOLSEY OPERATING COMPANY, LLC.		
Well	McCLAREN #1		
Field	ALFORD		
County	KIOWA		
State	KANSAS		
Location:	AP1 # : 15-097-21833-00-00		
SEC 33 TWP 30S RGE 18W	400' FSL & 400' FWL		
Permanent Datum	GROUND LEVEL	Elevation	2139'
Log Measured From	KELLY BUSHING 12' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	02/10/18		
Run Number	TWO		
Depth Driller	5540		
Depth Logger	5543		
Bottom Logged Interval	5523		
Top Log Interval	4200		
Casing Driller	13 3/8" @ 289		
Casing Logger	8 5/8 @ 1491		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2/60		
pH / Fluid Loss	9.5/8.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.80@66		
Rmt @ Meas. Temp	.60@66		
Rmc @ Meas. Temp	.96@66		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.40@130		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	130F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	BILLY KLAVER		

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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

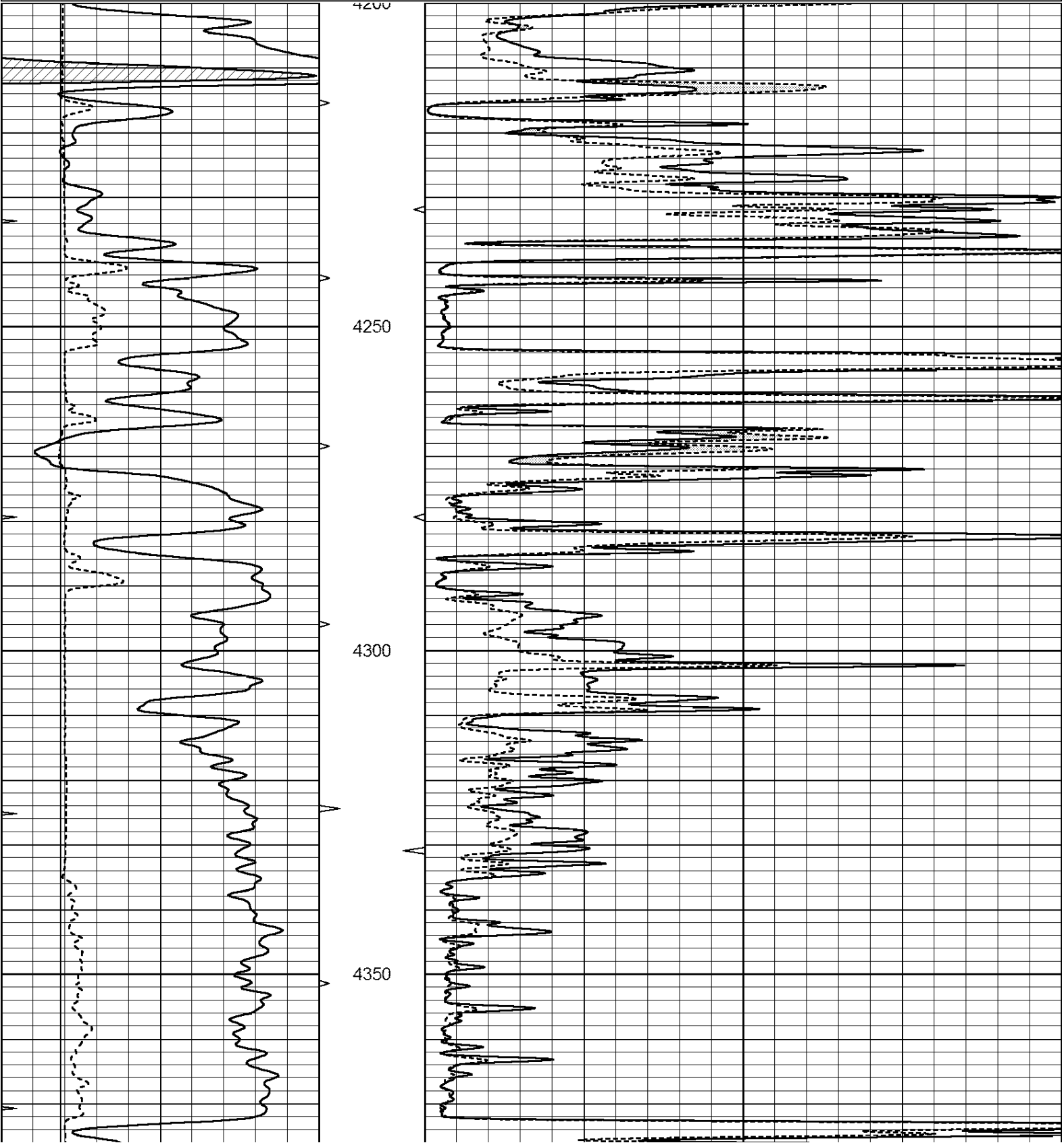
DIRECTIONS
INTERSECTION OF HIGHWAY 183 AND HIGHWAY 54,
SOUTH TO COUNTY LINE, EAST 1 1/8 MILE,
NORTH INTO.

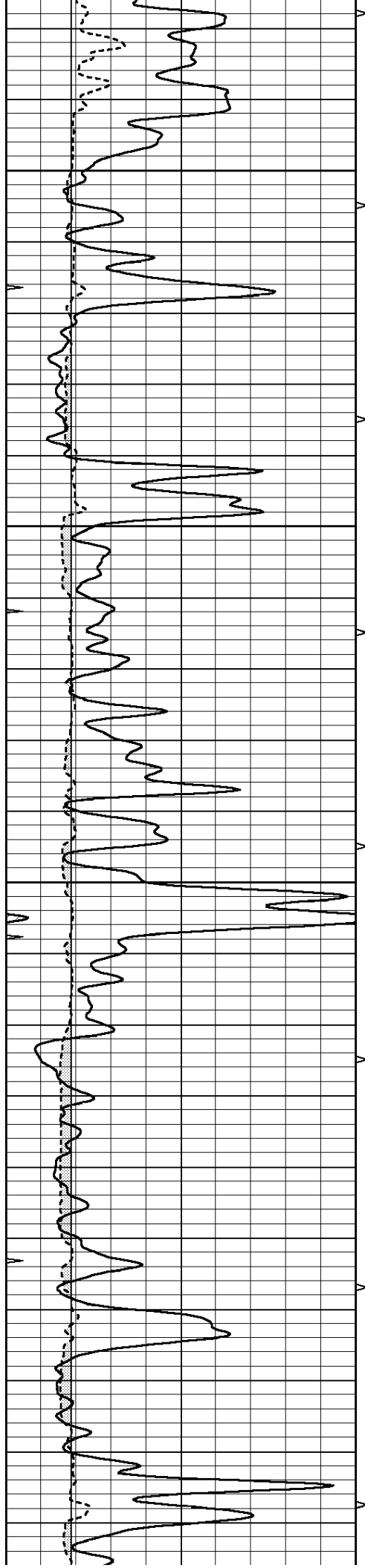


MAIN PASS

Database File: 2124pe.db
Dataset Pathname: pass5M
Presentation Format: _micro
Dataset Creation: Thu Jan 11 04:46:14 2018 by Calc Open-Cased 090629
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			



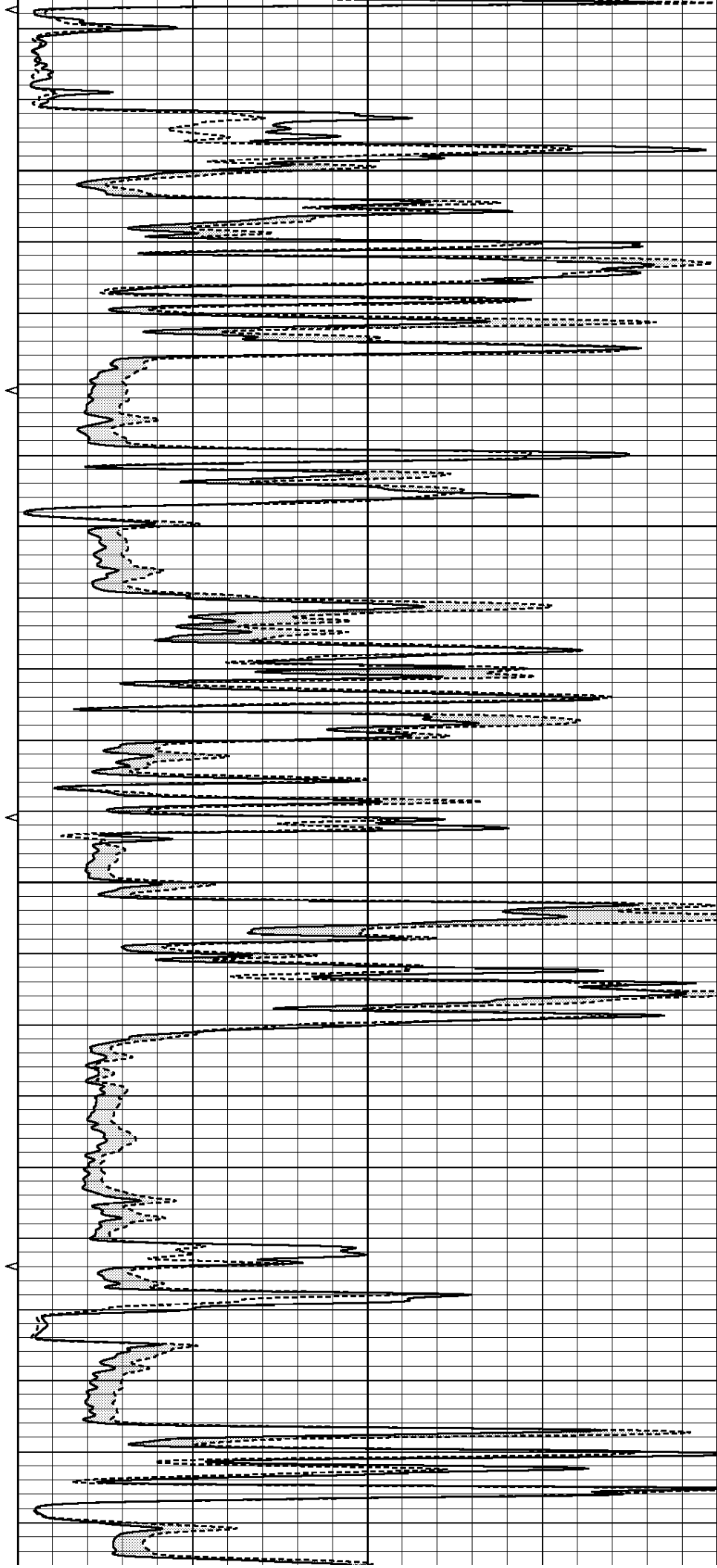


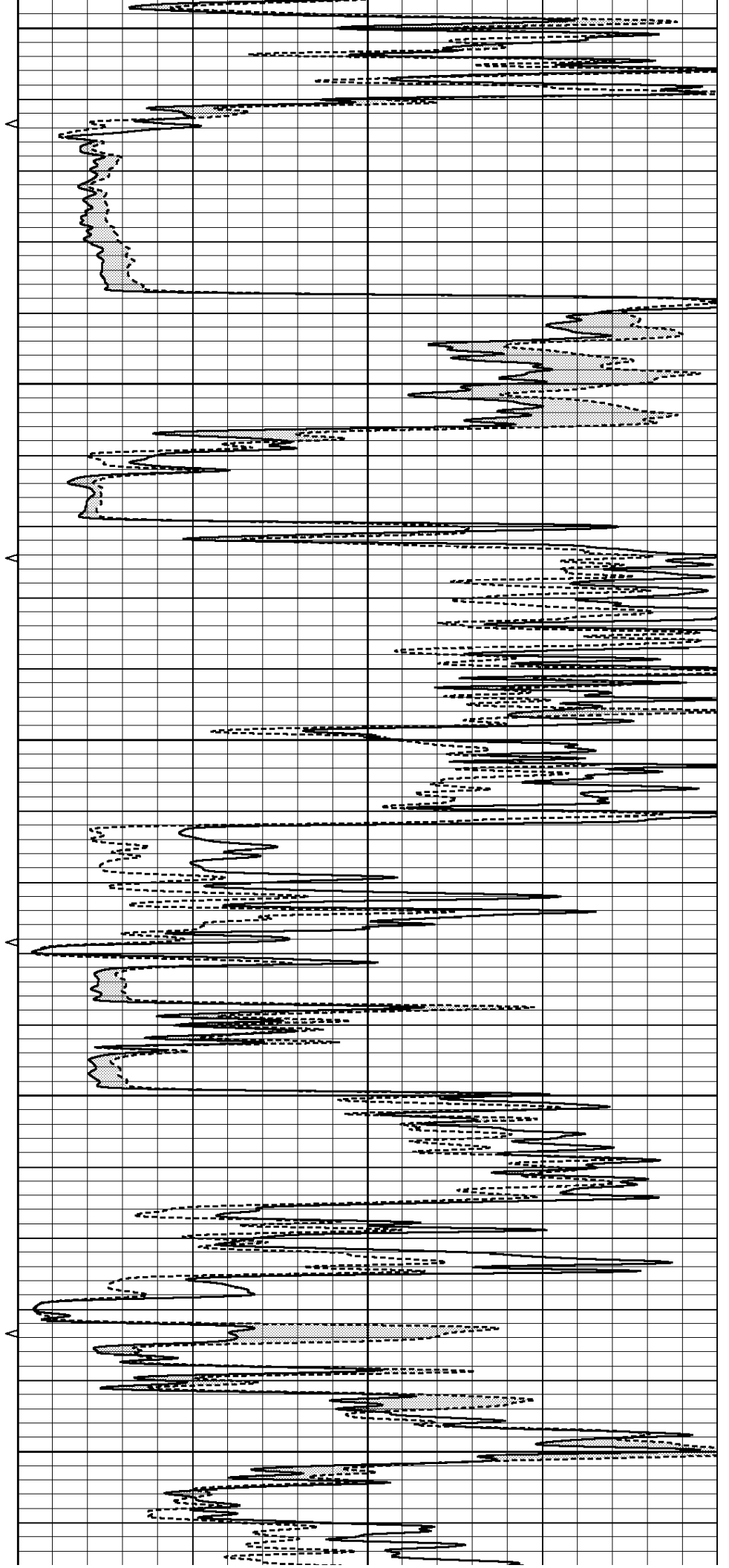
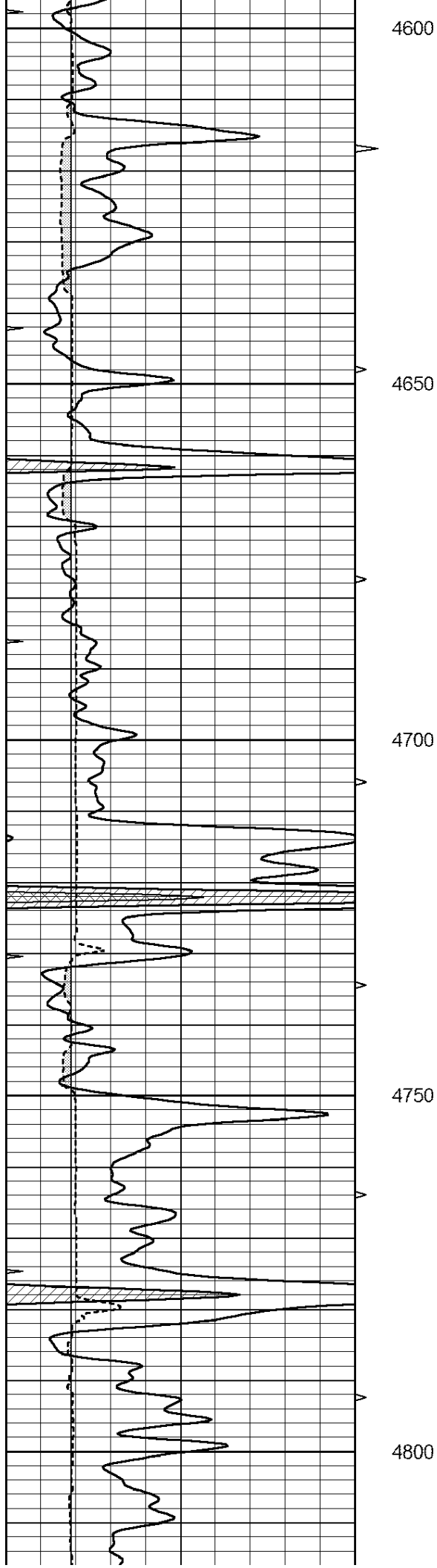
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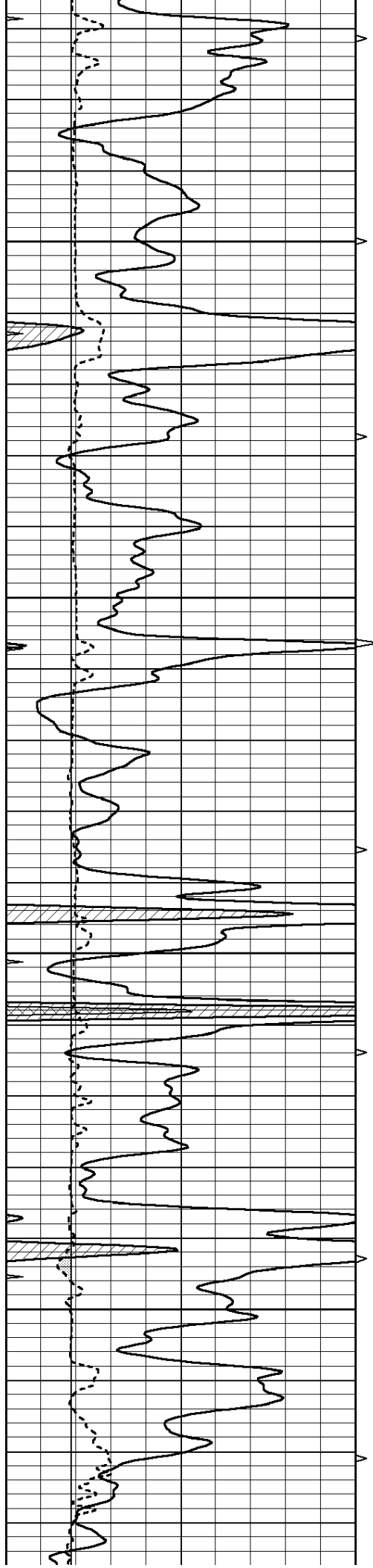
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4500

4550





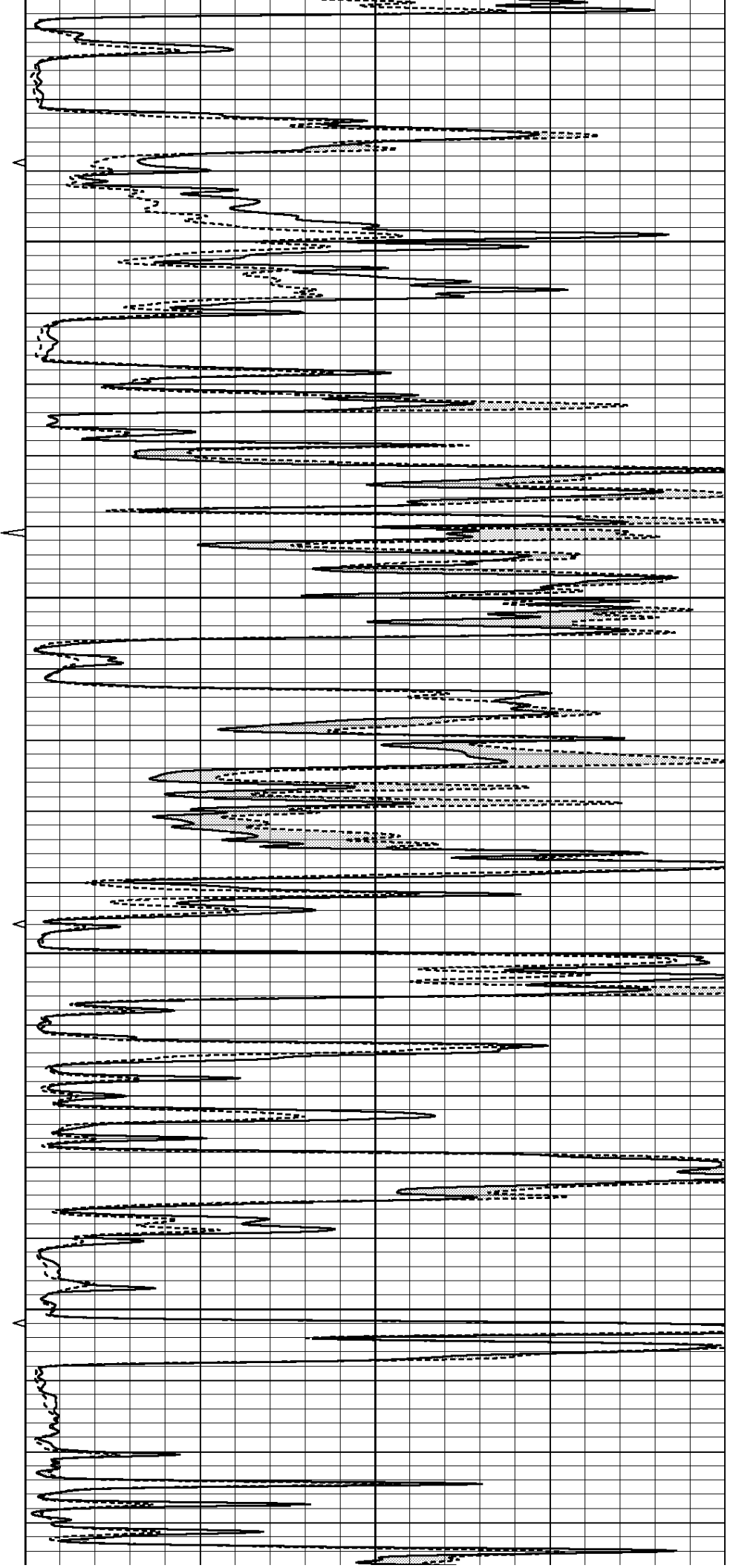


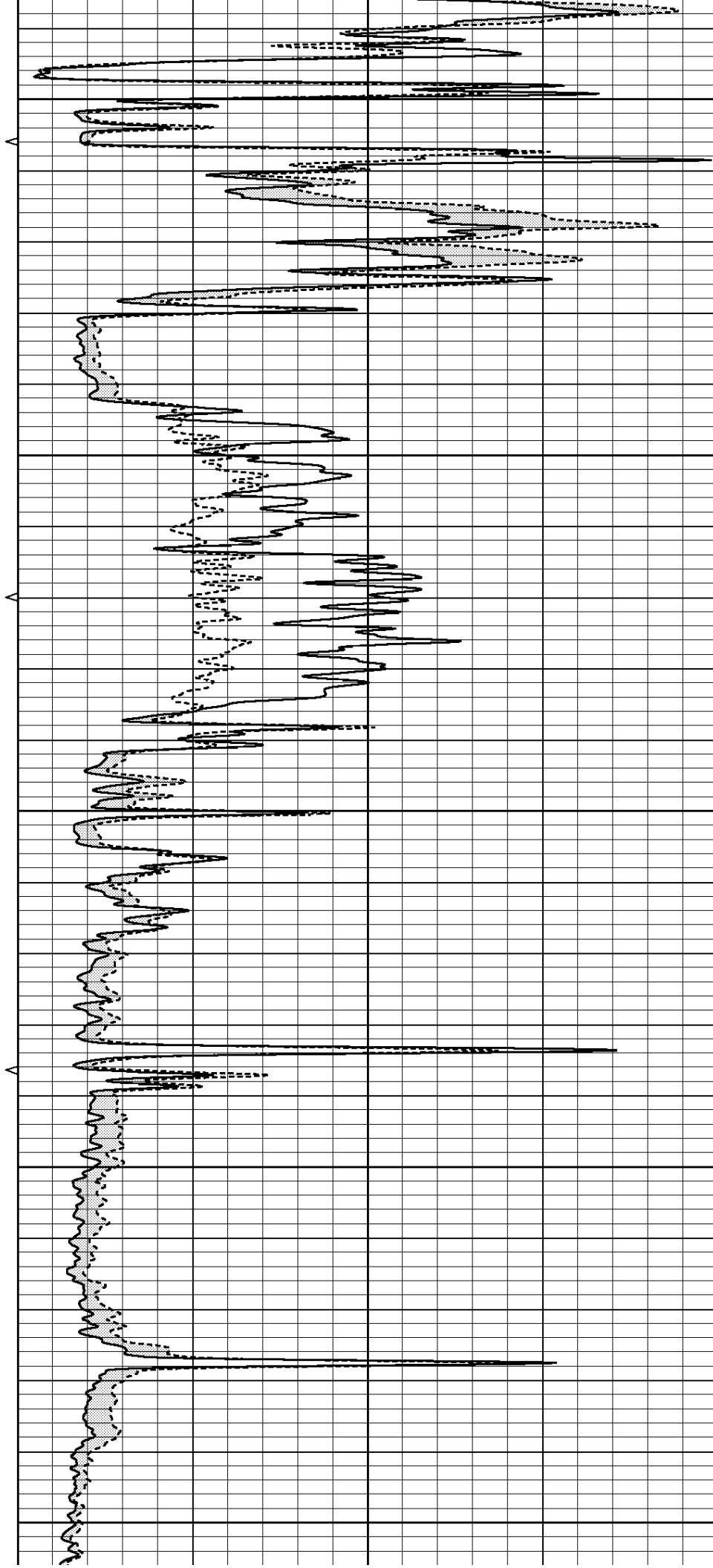
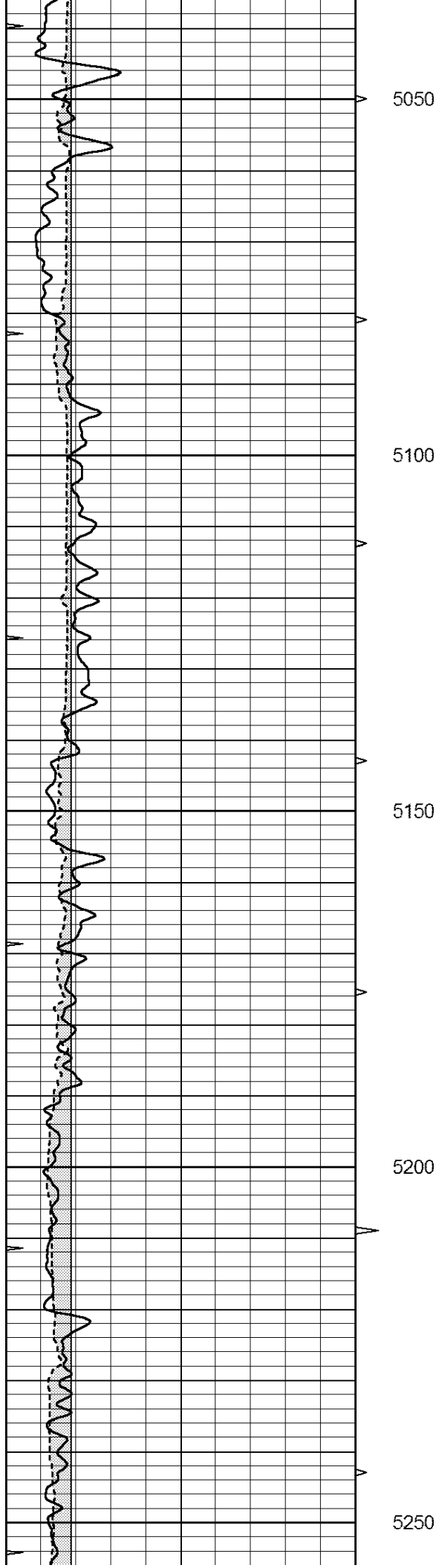
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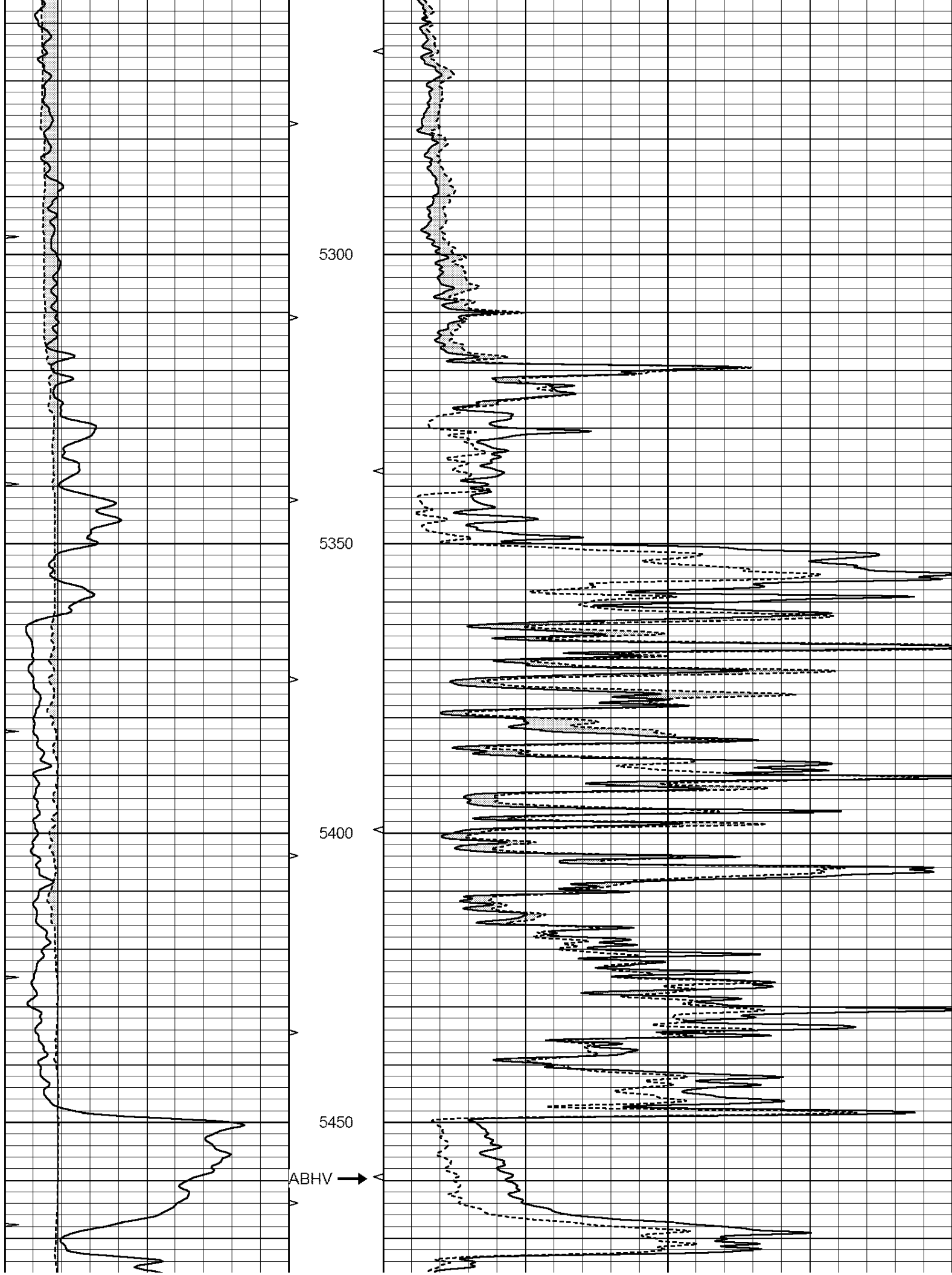
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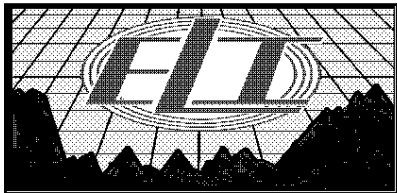
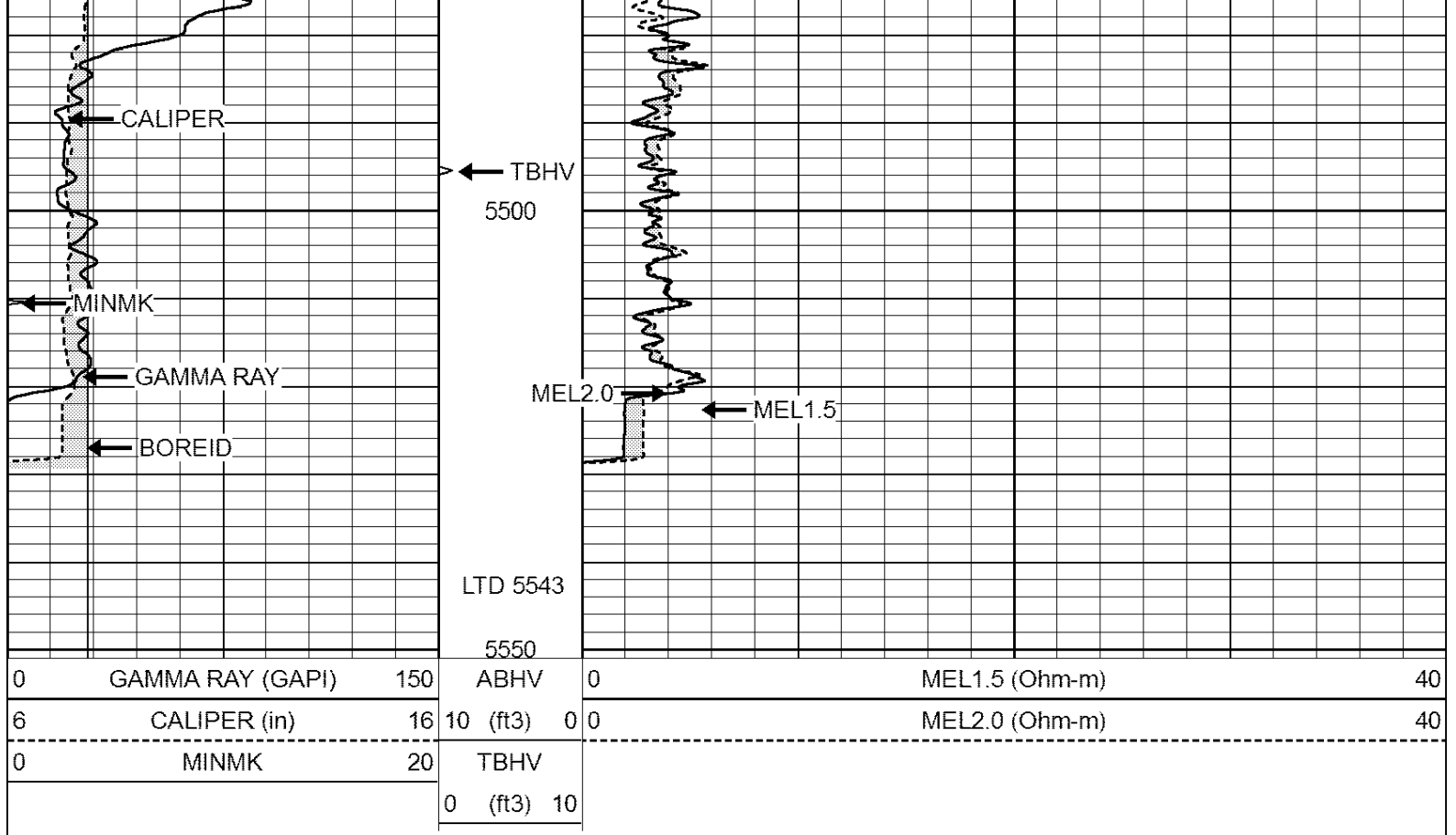
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5000





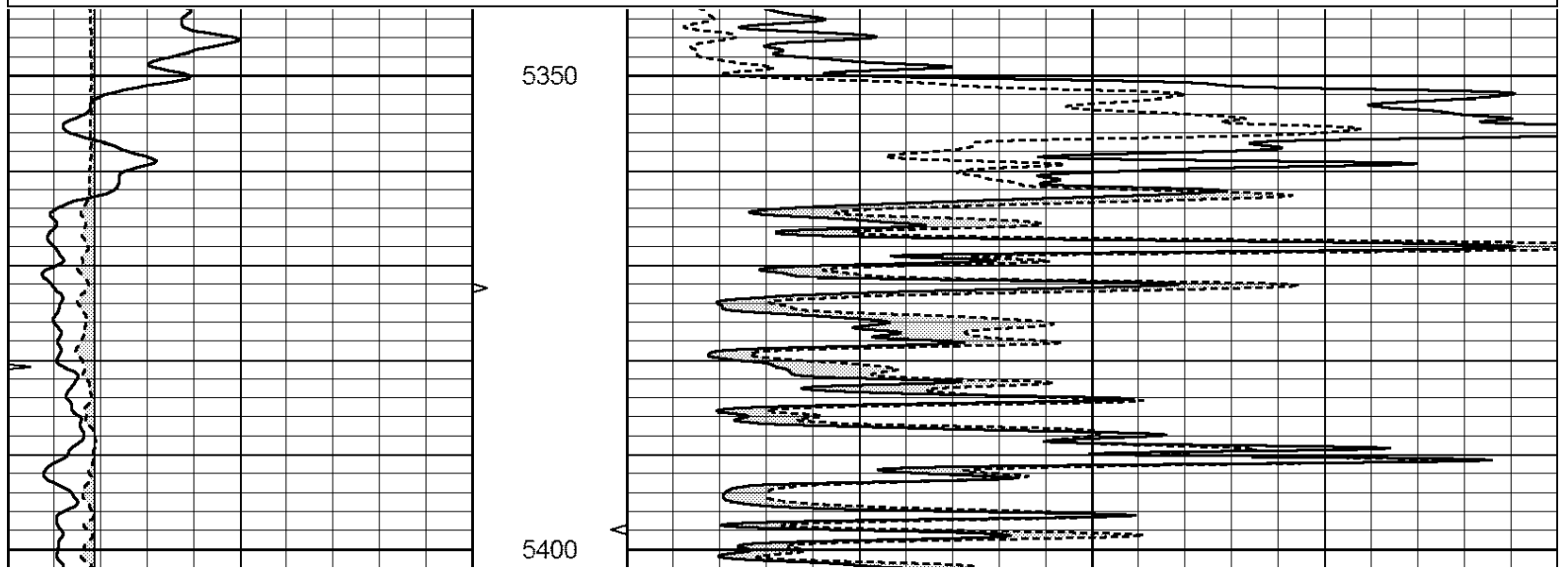


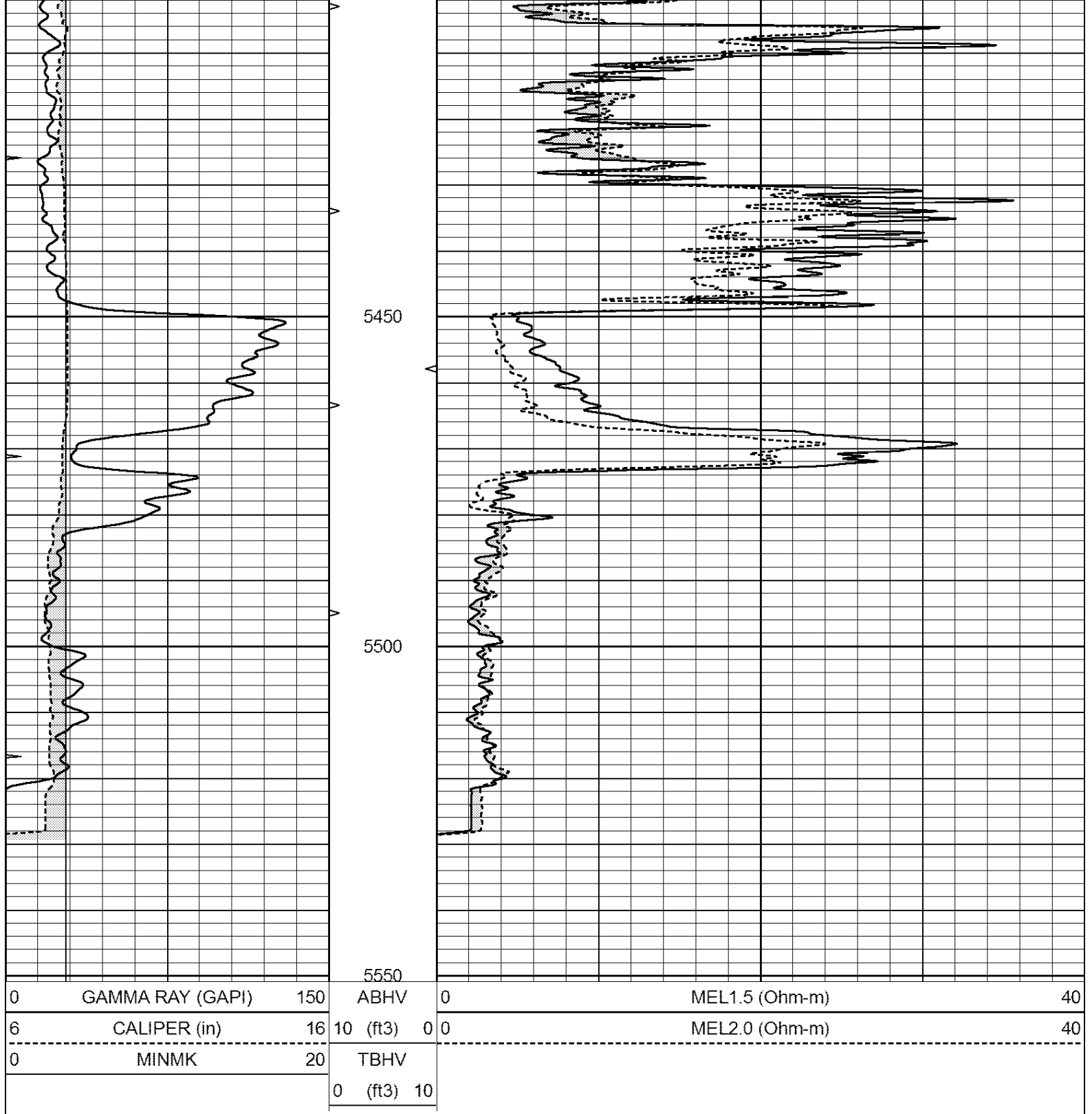


REPEAT SECTION

Database File: 2124pe.db
 Dataset Pathname: pass4.1
 Presentation Format: _micro
 Dataset Creation: Thu Jan 11 04:51:06 2018 by Calc Open-Cased 090629
 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		





Calibration Report

Database File: 2124pe.db
Dataset Pathname: pass4.1
Dataset Creation: Thu Jan 11 04:51:06 2018 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO6
Tool Model: PROBE
Performed: Wed Aug 16 17:13:39 2017

Caliper Calibration: Gain=3.960 Offset=4.551

Low Cal

High Cal

References	7.000	14.000
Readings	0.555	2.323
1.5" Calibration:	Gain=34.075	Offset=-0.800
References	Low Cal	High Cal
	0.000	20.000
Readings	0.004	1.196
2" Calibration:	Gain=38.000	Offset=-1.000
References	Low Cal	High Cal
	0.000	20.000
Readings	0.006	0.913
Gamma Ray Calibration Report		
Serial Number:	GR2	
Tool Model:	OPEN	
Performed:	Wed Aug 16 17:13:40 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3800	GAPI/cps