

MICRO LOG

Company HERMAN L. LOEB, LLC.

Well NINA #1-10

Field FRALICK WEST

County KIOWA

State KANSAS

Location: API #: 15-097-21857-0000

1800' FSL & 465' FWL

Other Services
CDL/CNL
DIL

SEC 10 TWP 28S RGE 20W

Elevation

Permanent Datum GROUND LEVEL Elevation 2307
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING

K.B. 2318
D.F. 2316
G.L. 2307

Date 06/03/21

Run Number TWO

Depth Driller 5000

Depth Logger 4999

Bottom Logged Interval 4998

Top Log Interval 4000

Casing Driller 8 5/8" @ 510

Casing Logger 510

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.0/55

pH / Fluid Loss 11.0/9.6

Source of Sample FLOWLINE

Rm @ Meas. Temp .75@ 70F

Rmf @ Meas. Temp .56@ 70F

Rmc @ Meas. Temp .90 @ 70F

Source of Rmf / Rmc MEASURED

Rm @ BHT .42@ 125F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom ////

Maximum Recorded Temperature 125F

Equipment Number 1523

Location HAYS, KANSAS

Recorded By GUS PFANENSTIEL

Witnessed By JON CHRISTENSEN

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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

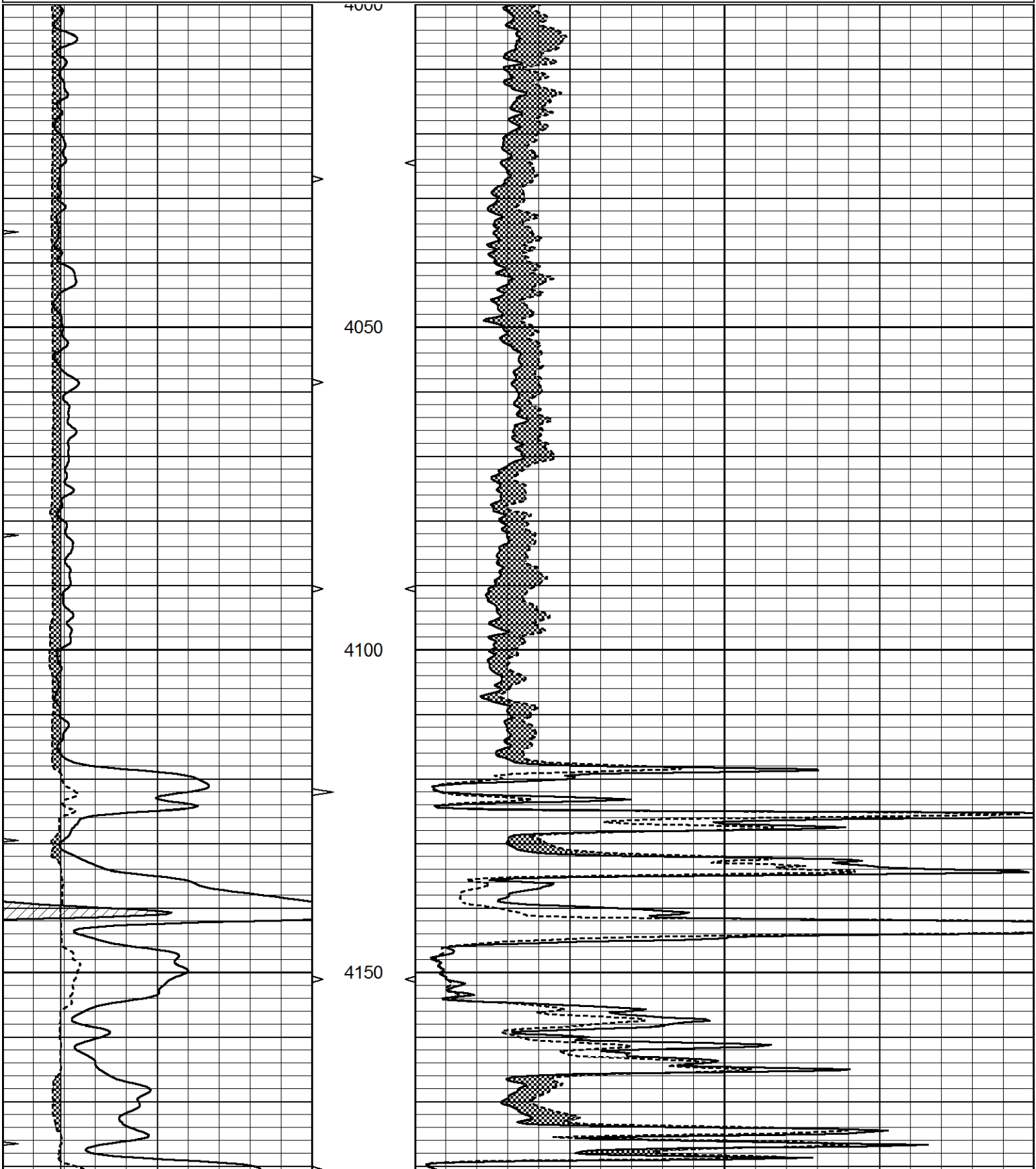
DIRECTIONS:MULLINVILLE NORTH ON 10 TH ST,1.5 MILES TO 1-5 RD,
WEST TO 7TH ST, 1 MILE NORTH, EAST INTO.

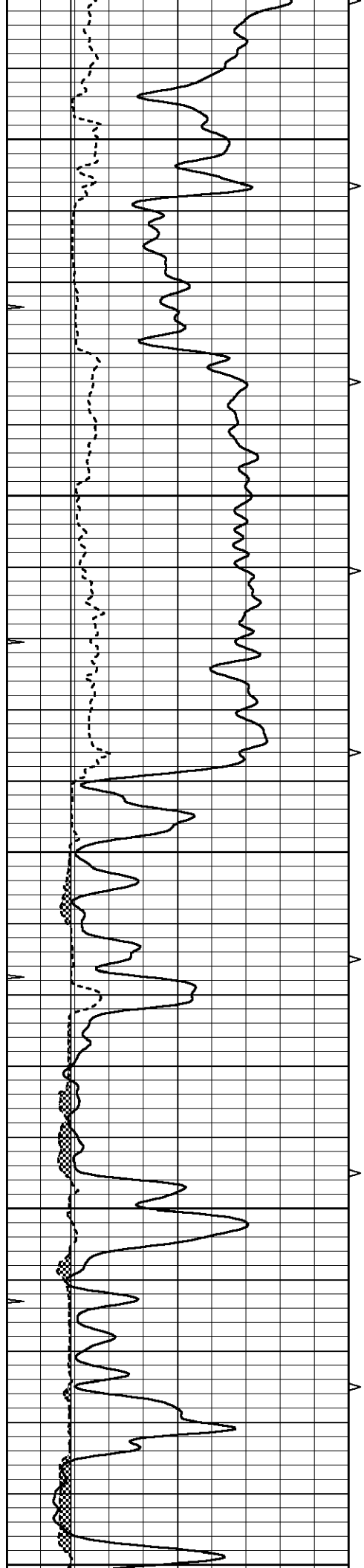


MAIN PASS

Database File	5438pe.db
Dataset Pathname	pass5.1
Presentation Format	_micro
Dataset Creation	Thu Jun 03 08:13:54 2021
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		





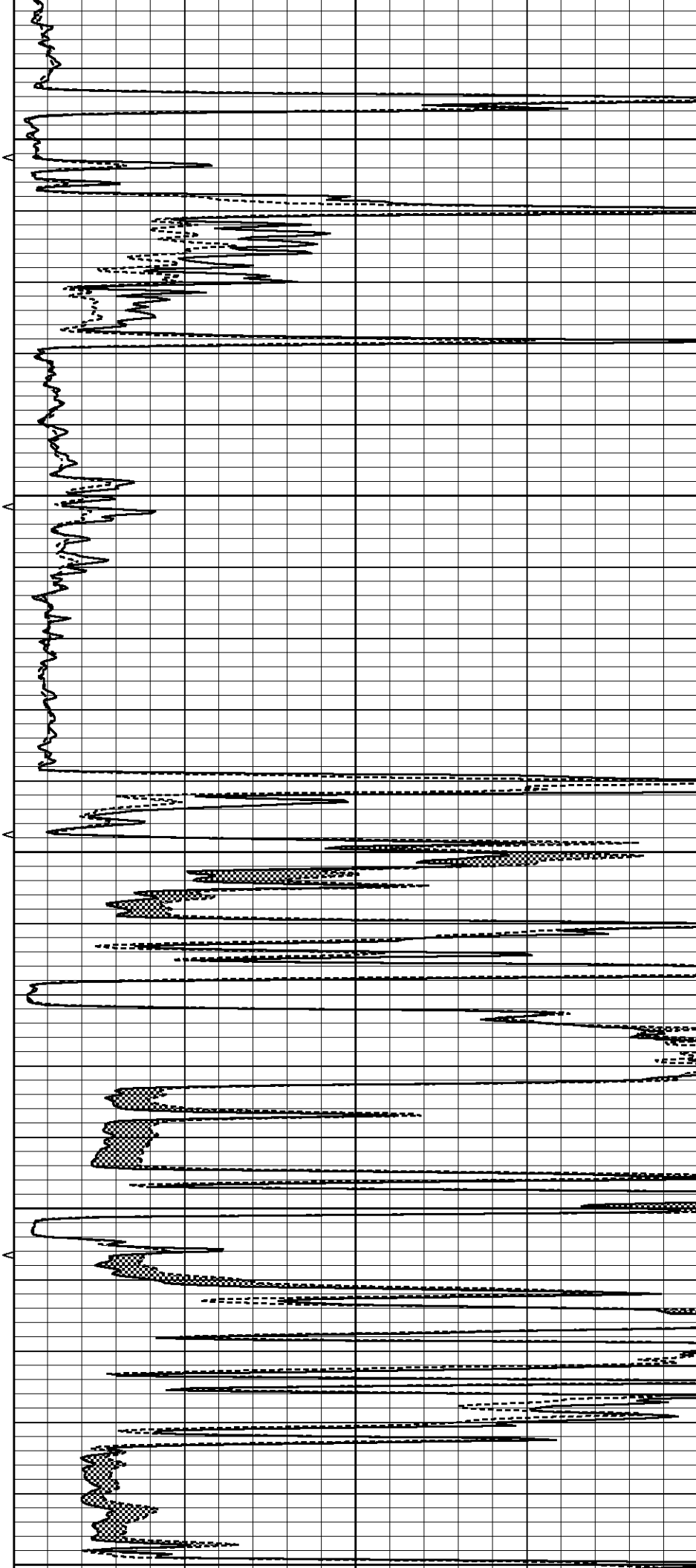
4200

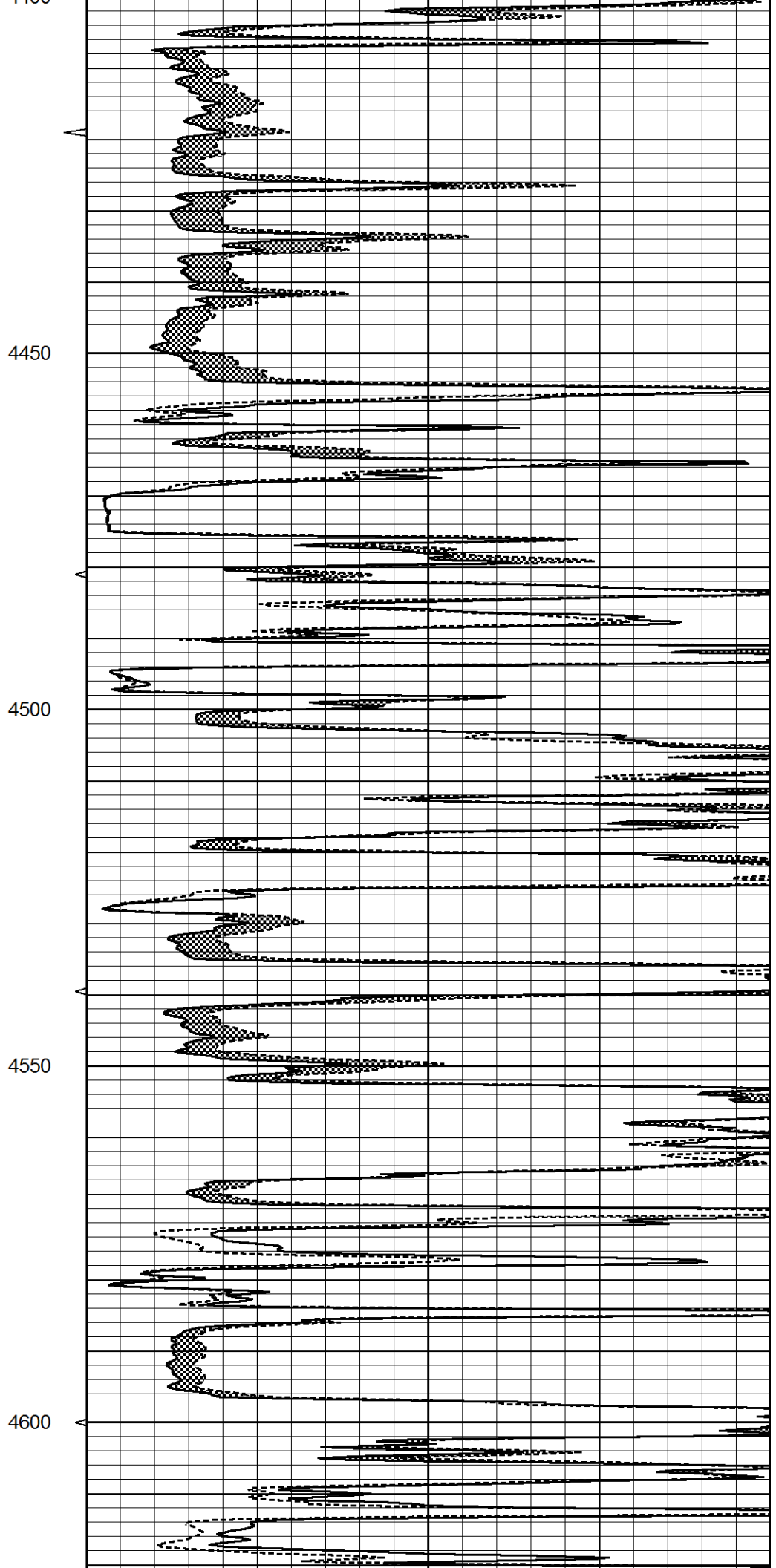
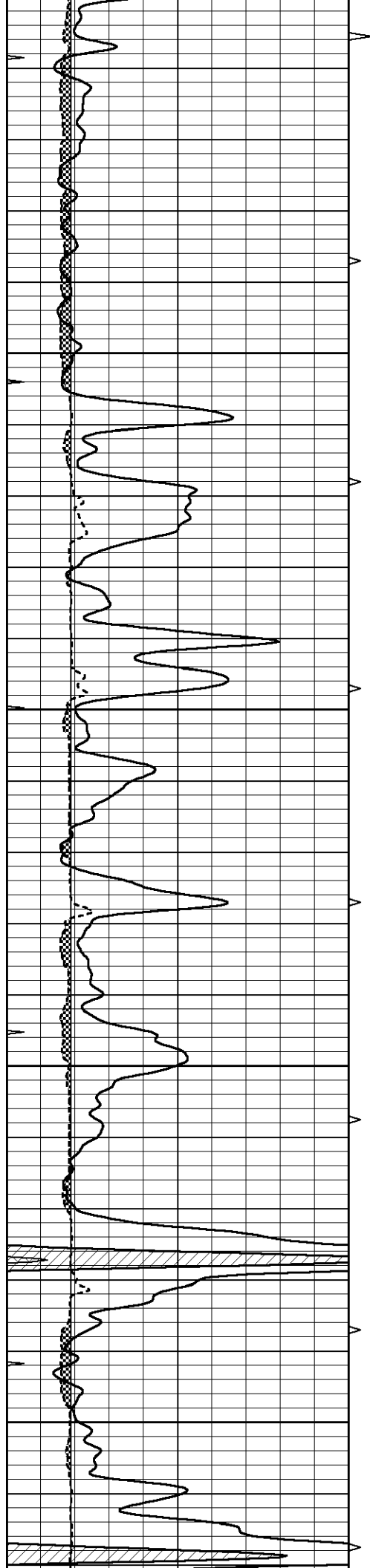
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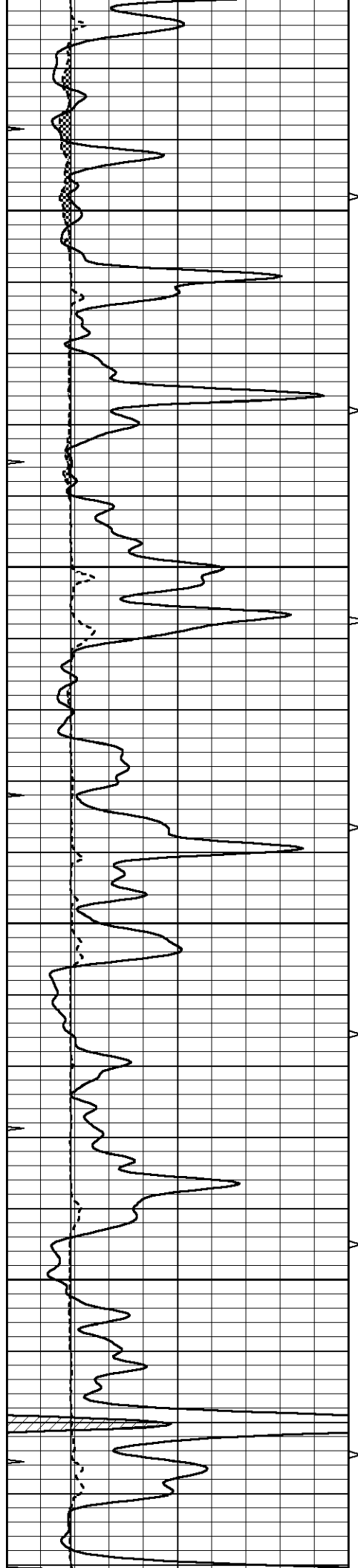
4300

4350

4400





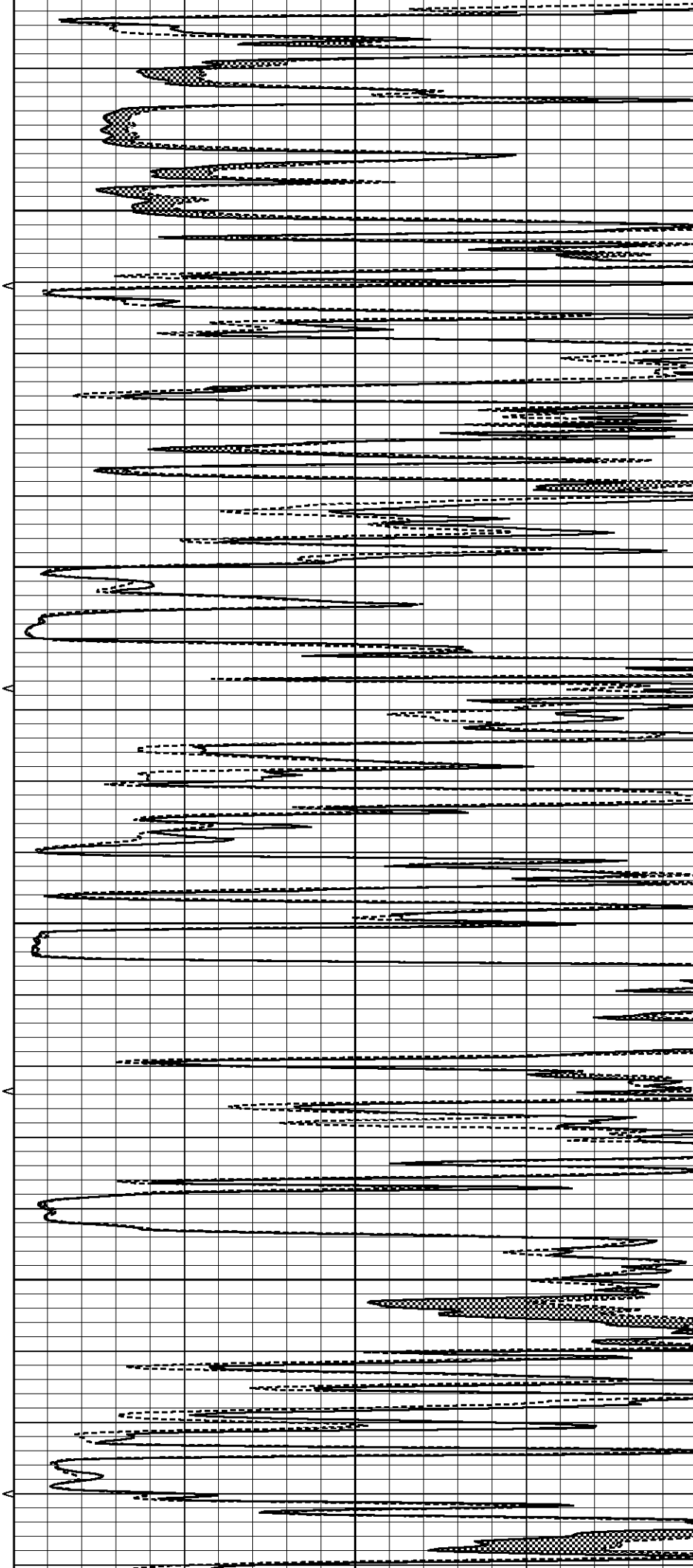


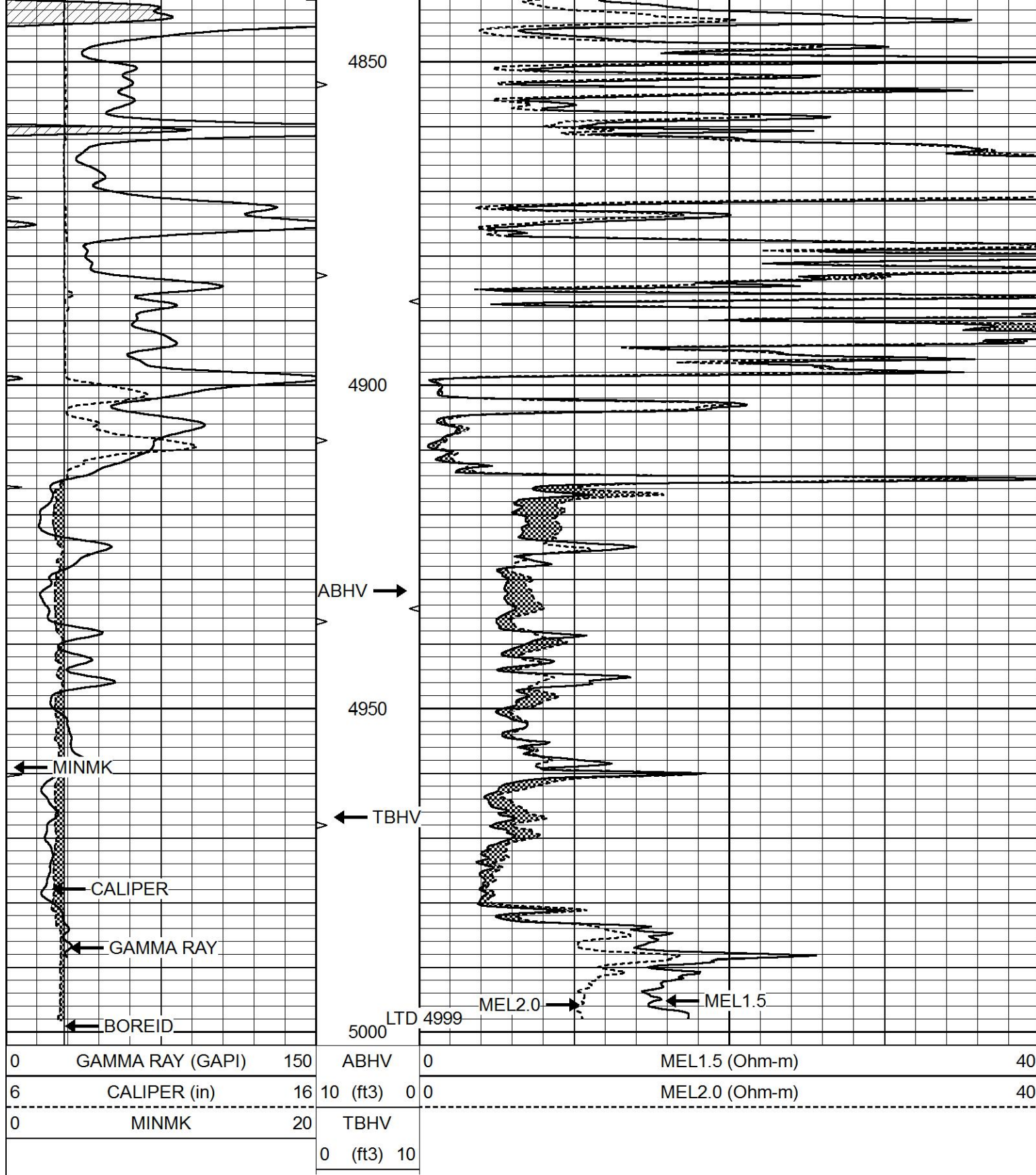
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4700

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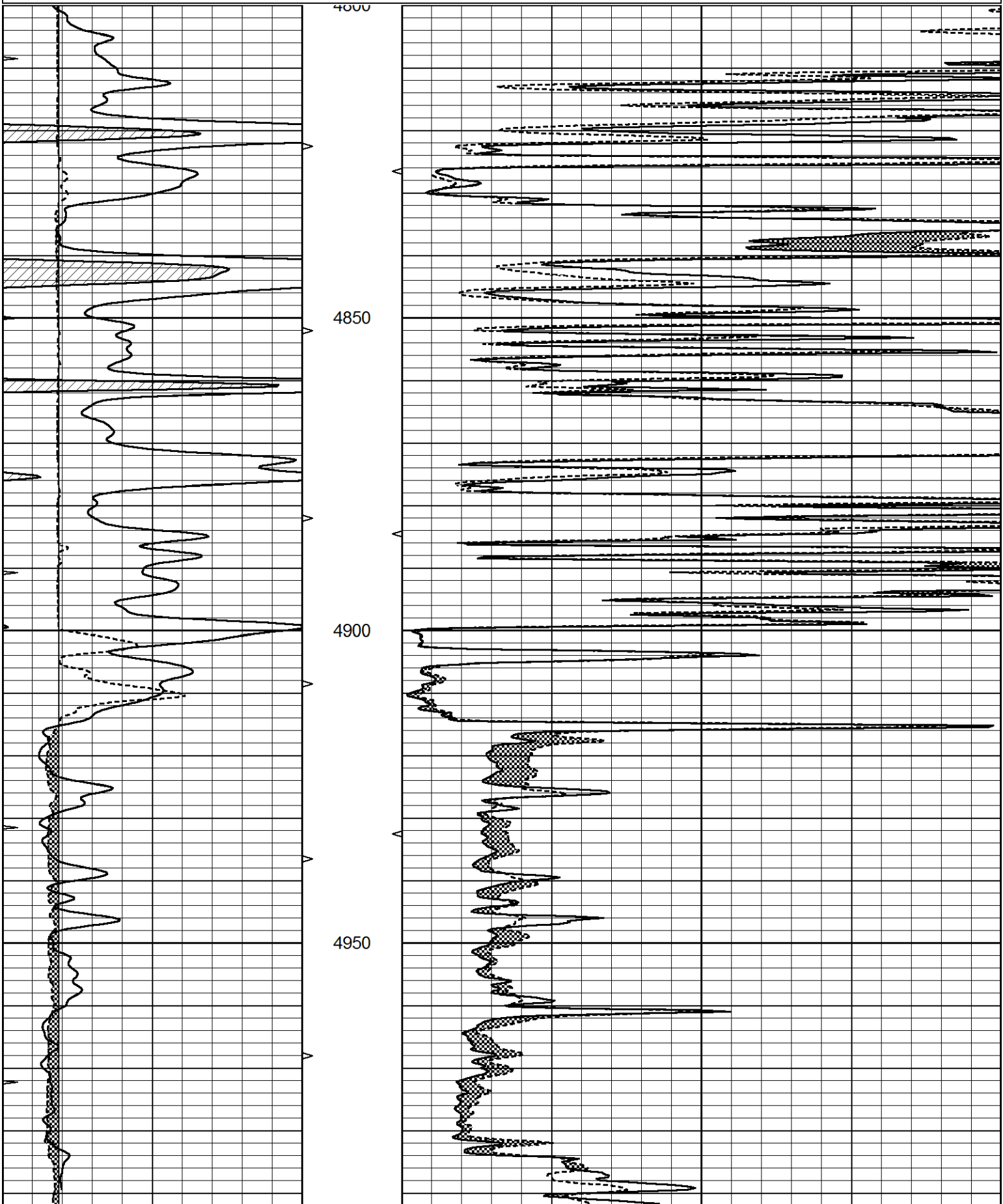


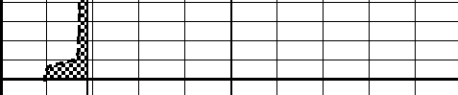
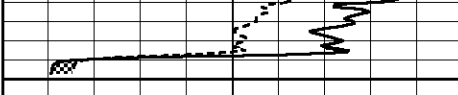


REPEAT SECTION

Database File 5438pe.db
 Dataset Pathname pass4.1
 Presentation Format _micro
 Dataset Creation Thu Jun 03 08:05:43 2021

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



			5000					
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	5438pe.db			
Dataset Pathname	pass4.1			
Dataset Creation	Thu Jun 03 08:05:43 2021			
MICRO Calibration Report				
Serial Number:	Micro1			
Tool Model:	ProbeL			
Performed:	Sat Apr 10 18:53:52 2021			
Caliper Calibration:	Gain=2.815	Offset=4.402		
References	Low Cal	High Cal		
Readings	8.500	13.500		
	0.887	2.663		
1.5" Calibration:	Gain=36.134	Offset=-1.000		
References	Low Cal	High Cal		
Readings	0.000	20.000		
	0.004	0.832		
2" Calibration:	Gain=38.000	Offset=-0.800		
References	Low Cal	High Cal		
Readings	0.000	20.000		
	0.022	0.793		
Gamma Ray Calibration Report				
Serial Number:	GR5			
Tool Model:	OPEN			
Performed:	Thu Jul 30 23:16:16 2020			
Calibrator Value:	1.0	GAPI		
Background Reading:	0.0	cps		
Calibrator Reading:	1.0	cps		
Sensitivity:	0.8500	GAPI/cps		