

MICRO LOG

Company		HERMAN L. LOEB, LLC.	
Well		NINA #2-10	
Field		FRALICK WEST	
County		KIOWA	State
KANSAS			
Location:		API # : 15-097-21864-0000	
Permanent Datum		GROUND LEVEL Elevation 2312	
Log Measured From		KELLY BUSHING 11' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 10 TWP 28S RGE 20W		Elevation	
		K.B. 2323	
		D.F. 2321	
		G.L. 2312	
Date	11/20/22		
Run Number	TWO		
Depth Driller	5000		
Depth Logger	5000		
Bottom Logged Interval	4998		
Top Log Interval	4000		
Casing Driller	8 5/8" @ 535		
Casing Logger	535		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7.000 PPM	
Density / Viscosity	9.5/55		
pH / Fluid Loss	10.5/10.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.80 @ 64F		
Rmf @ Meas. Temp	1.35 @ 64F		
Rmc @ Meas. Temp	2.16 @ 64F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.922 @ 125F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	1:30 A.M.		
Maximum Recorded Temperature	125F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBEN		
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 SERVICES, HAYS, KS. (785) 628-6395

DIRECTIONS:

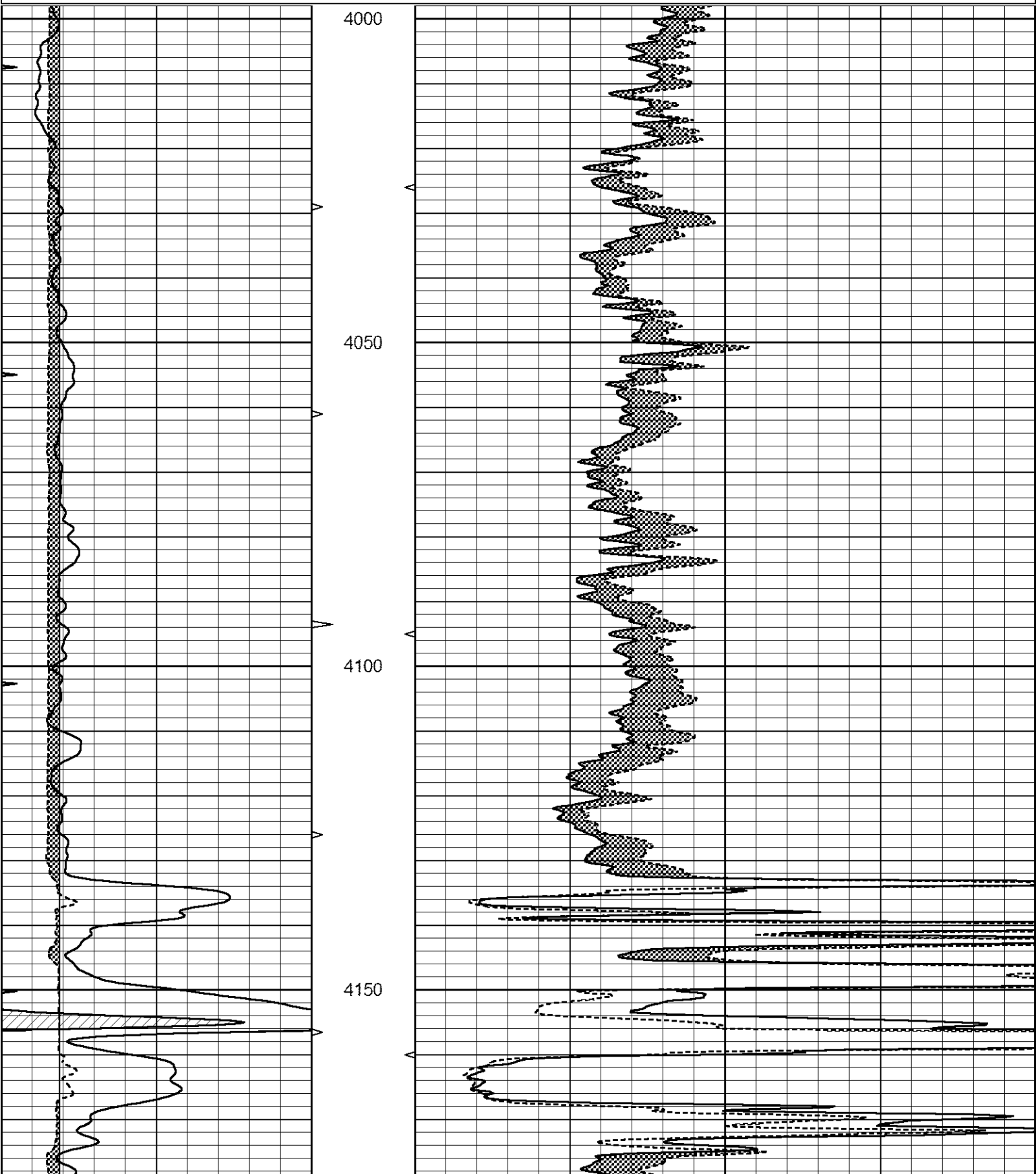
FROM MULLINVILLE GO NORTH ON TENTH AVENUE FOR 1.5 MILES, WEST ON 15 ST FOR 1.5 MILE
NORTH ON SEVENTH AVE 1 MILE, EAST INTO

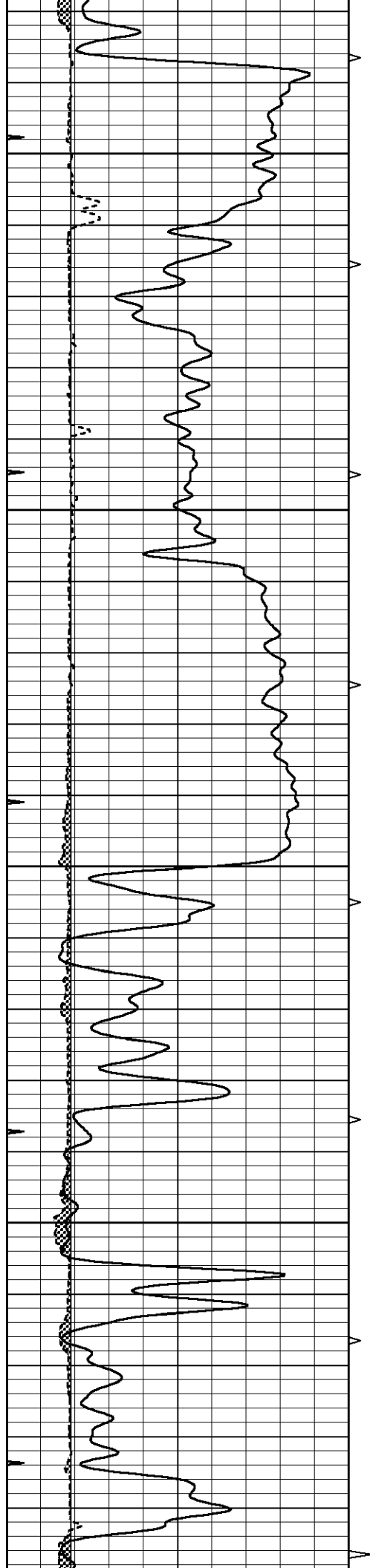


MAIN SECTION

Database File	7379pe.db
Dataset Pathname	pass6M
Presentation Format	_micro
Dataset Creation	Sun Nov 20 02:35:28 2022
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		



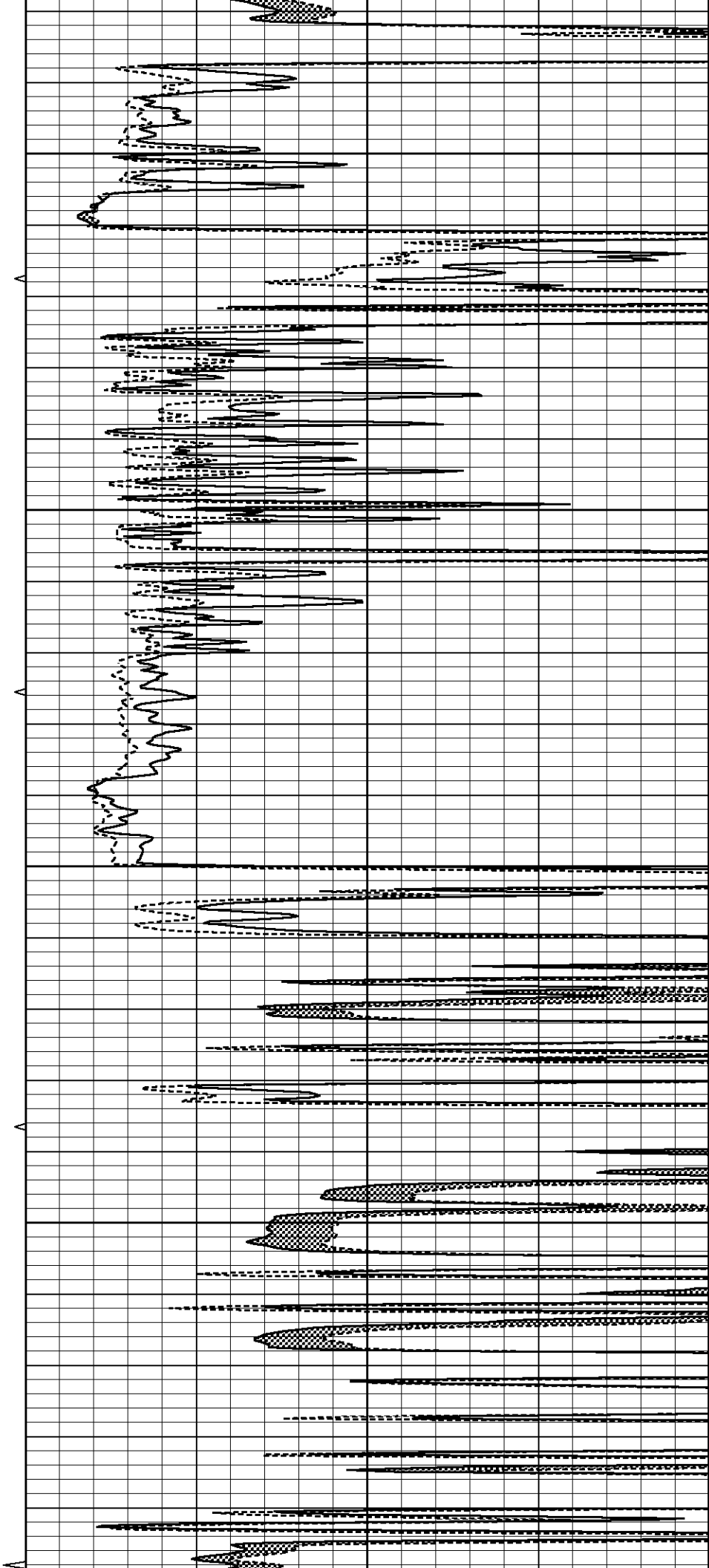


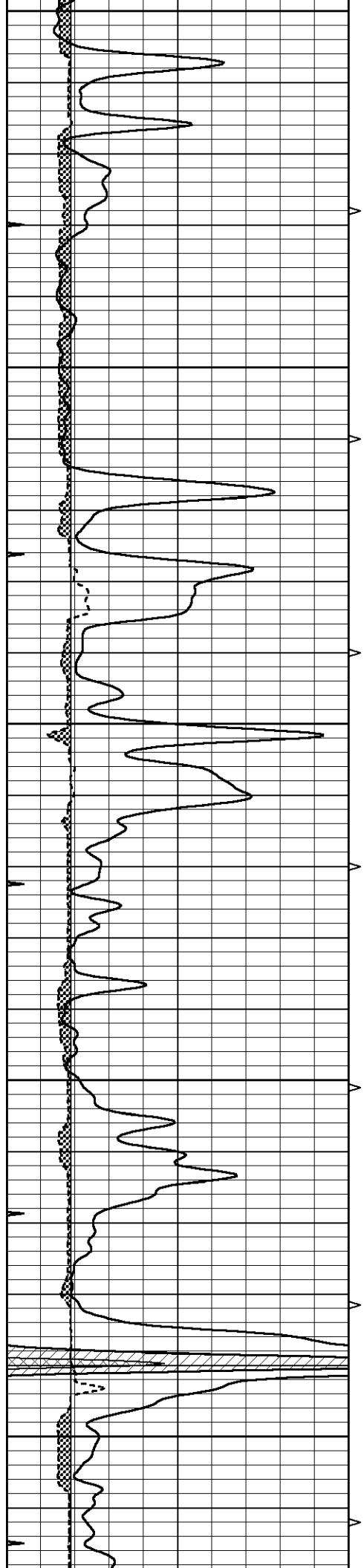
4200

4250

4300

4350





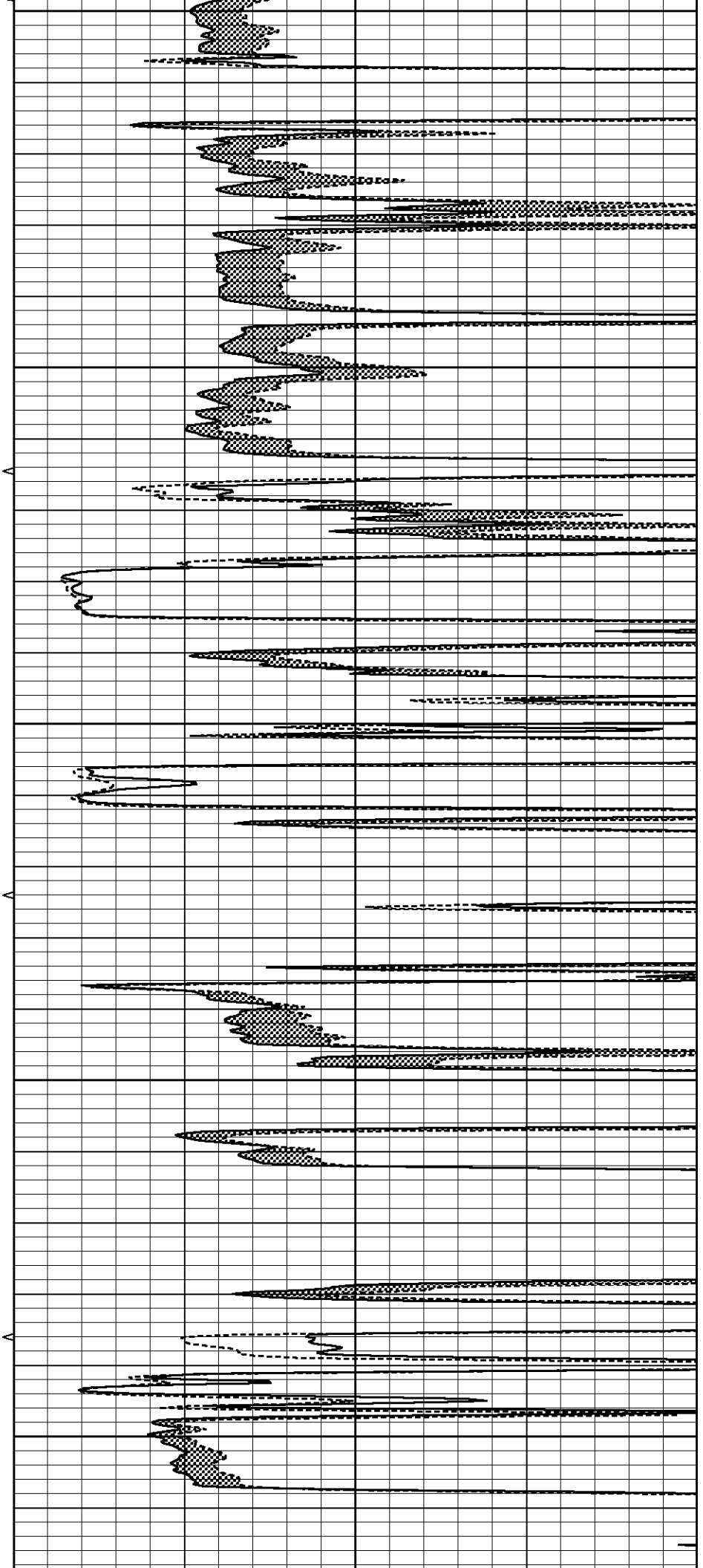
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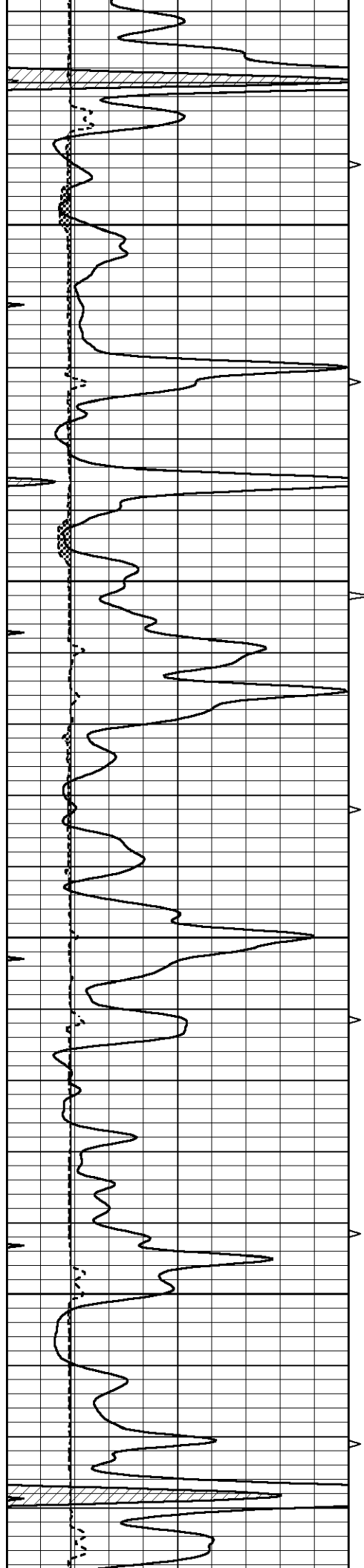
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4500

4550

4600



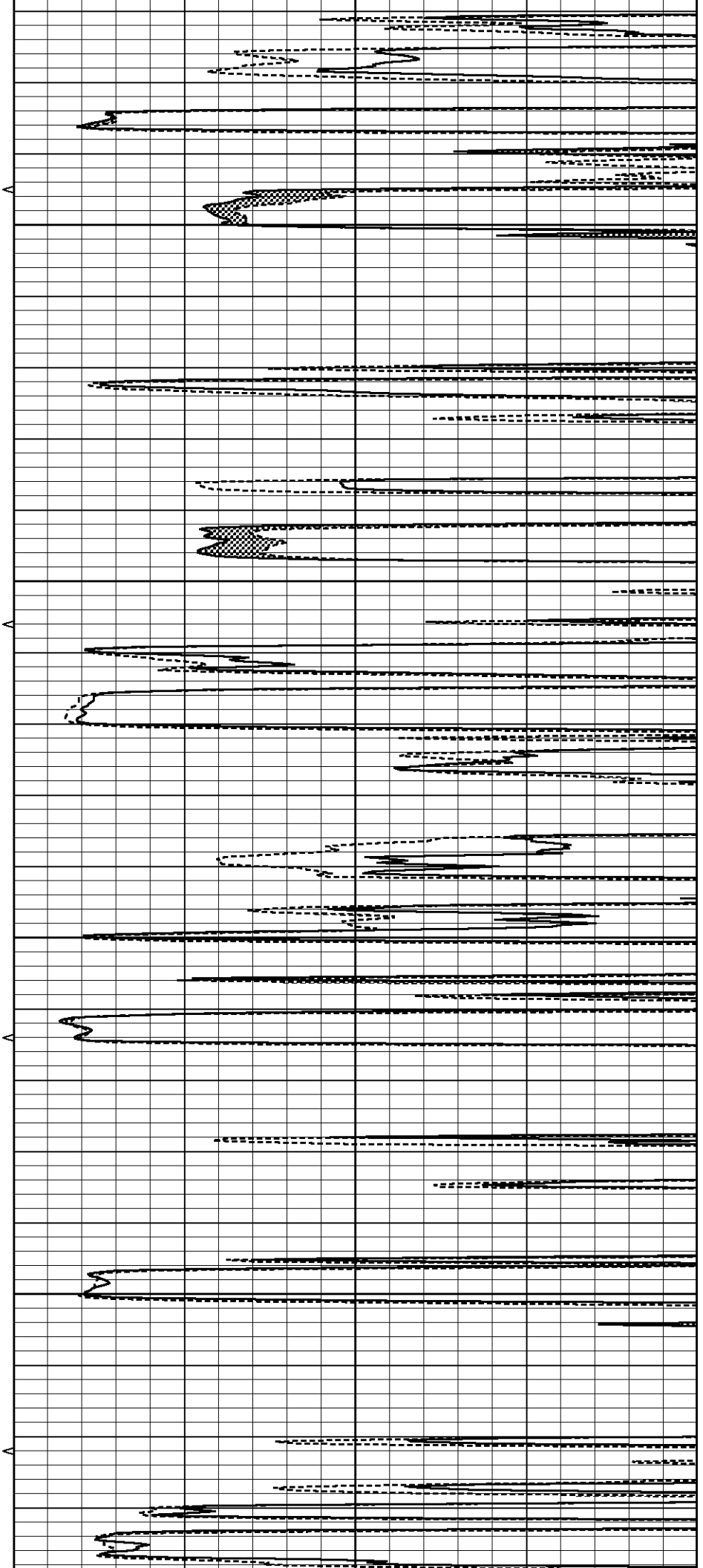


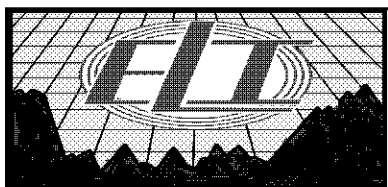
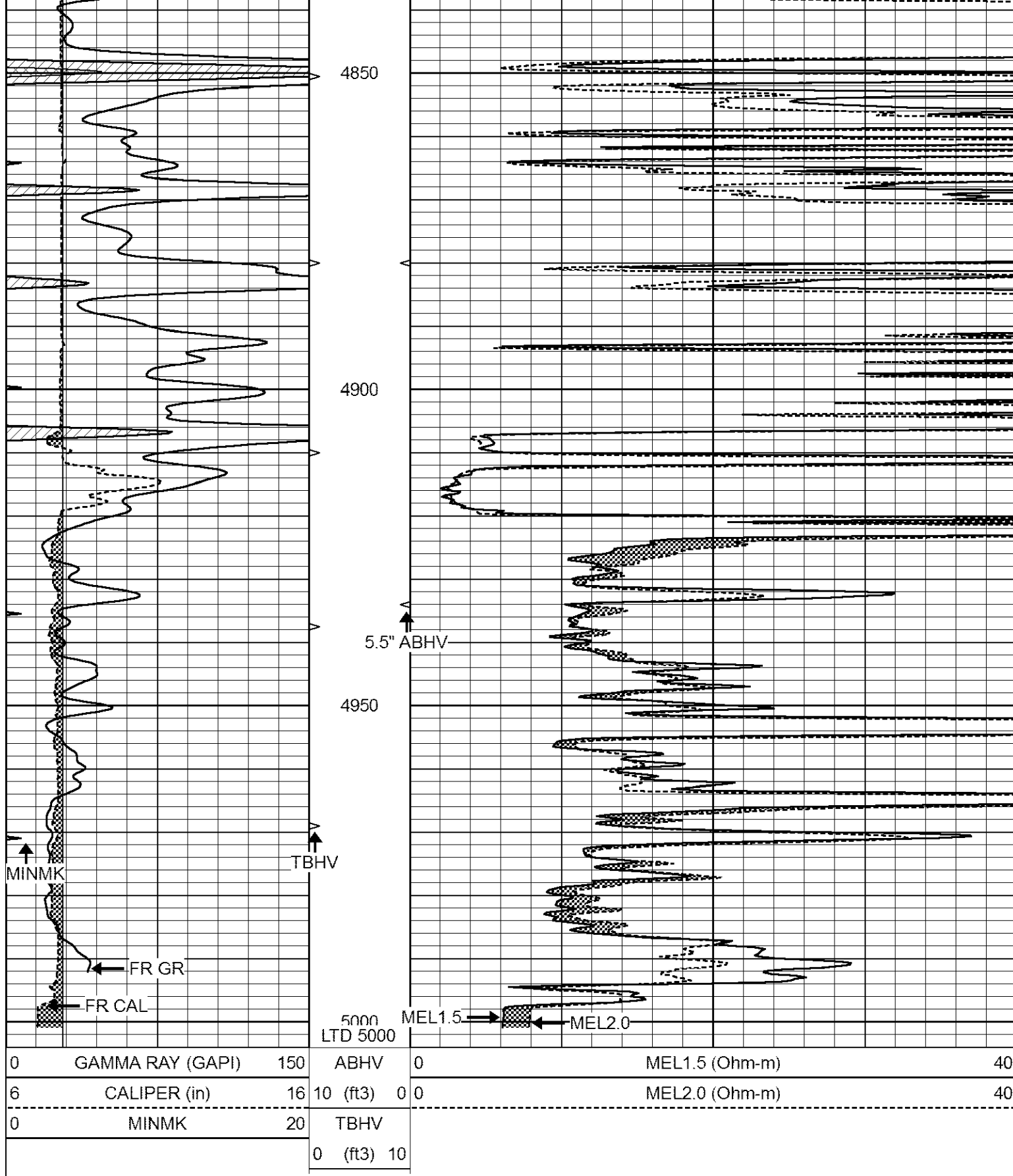
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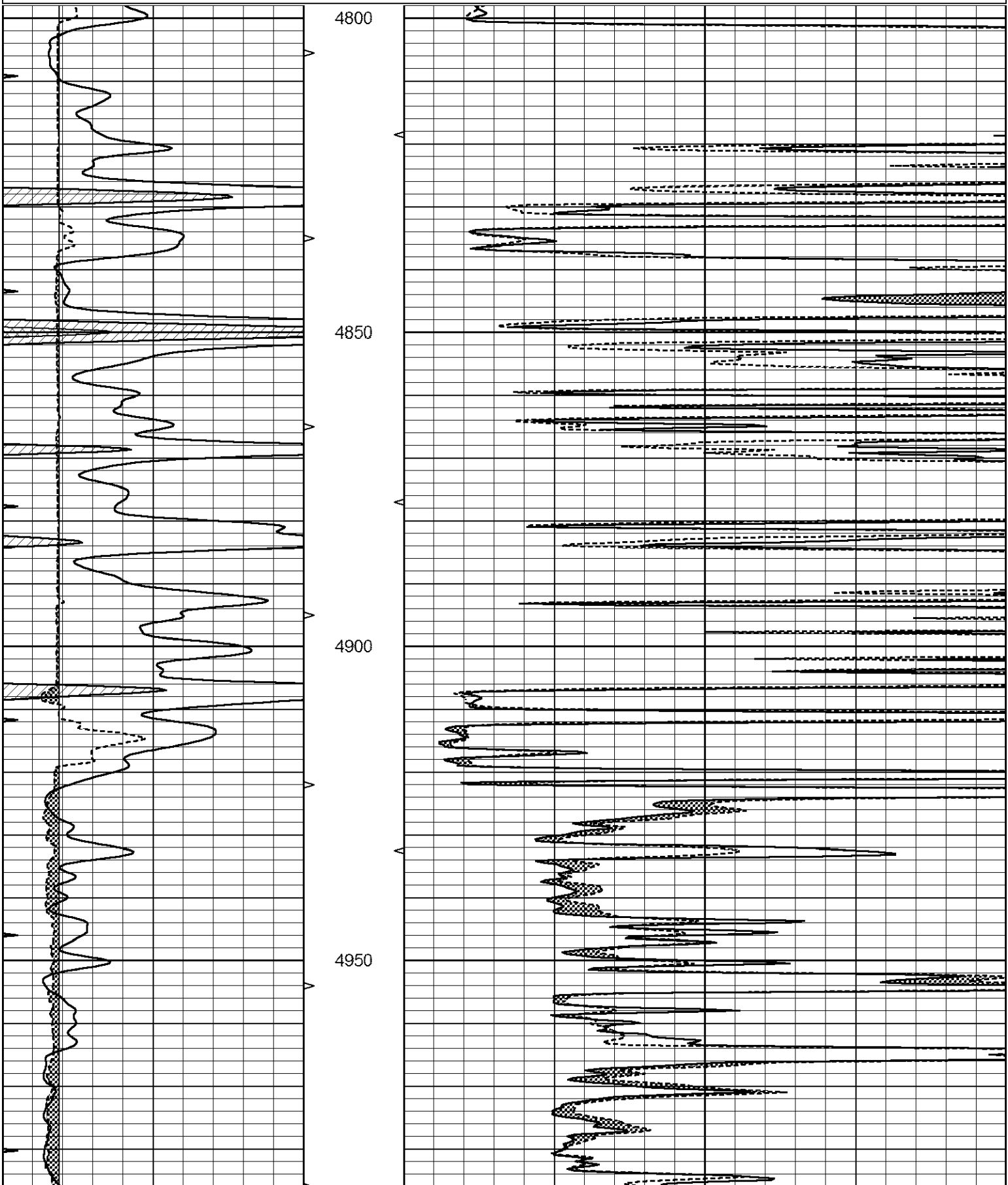
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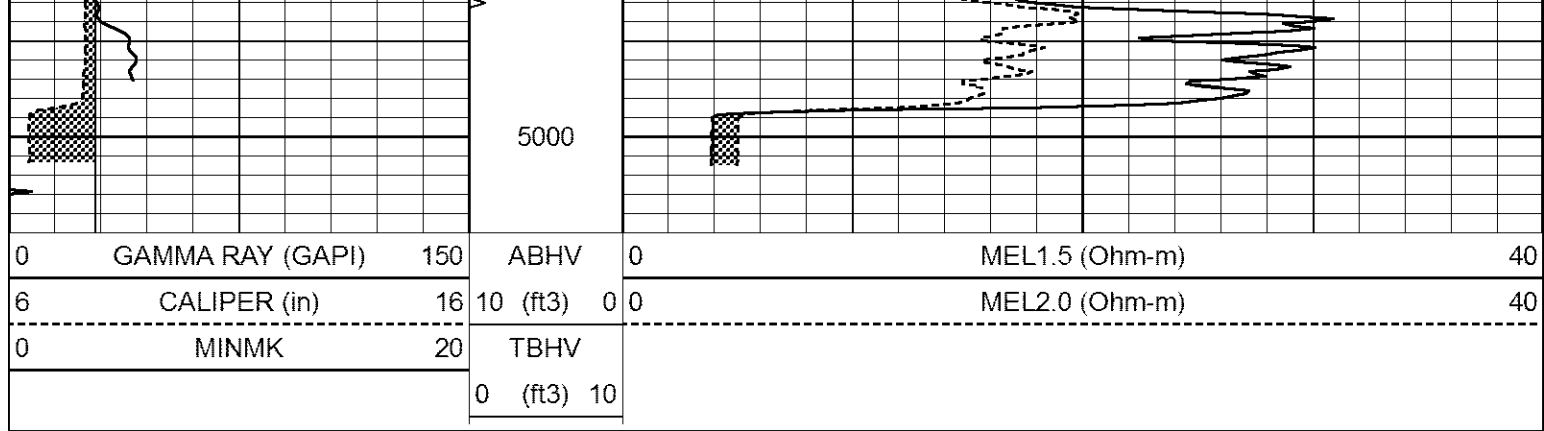




REPEAT SECTION

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			





Calibration Report		
Database File	7379pe.db	
Dataset Pathname	pass6M	
Dataset Creation	Sun Nov 20 02:35:28 2022	

MICRO_USR Calibration Report

Serial Number:	070911
Tool Model:	ProbeL
Performed:	Sat Nov 19 21:03:49 2022

Caliper Calibration:	Gain=4.500	Offset=0.470
References	Low Cal 8.000	High Cal 14.000
Readings	1.451	3.049

1.5" Calibration:	Gain=60.000	Offset=-0.500
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	0.843

2" Calibration:	Gain=60.000	Offset=0.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.021	0.810

Microlog Calibration Report

Serial-Model:	070911-ProbeL
Performed:	Sat May 14 04:48:25 2022

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0002	0.4836	V	0.0000	10.0000	Ohm-m	20.6908	-0.0051
Inverse	0.0018	0.6297	V	0.0000	10.0000	Ohm-m	15.9263	-0.0282
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000

Gamma Ray Calibration Report

Serial Number:	070558	
Tool Model:	Probe1	
Performed:	Sat Jul 02 05:55:58 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity:

0.2600

GAPI/cps