



MICRO LOG

Company ARP OPERATING, LLC.

Well LOS PRIMOS #2

Field COUSINS

County THOMAS State KANSAS

Location: API #: 15-193-21115-0000

1650' FSL & 1320' FEL

S/2 - N/2 - SE

SEC 26 TWP 10S RGE 33W

GROUND LEVEL Elevation 3088

Log Measured From KELLY BUSHING 12' A.G.L.

Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
DIL/SONIC

Elevation

K.B. 3100
D.F. 3098
G.L. 3088

Date 2/13/23

Run Number TWO

Depth Driller 4747

Depth Logger 4744

Bottom Logged Interval 4728

Top Log Interval 3600

Casing Driller 8 5/8" @ 261'

Casing Logger 262

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.4/59

pH / Fluid Loss 10.5/8.0

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.40 @ 66F

Rmf @ Meas. Temp 1.05 @ 66F

Rmc @ Meas. Temp 1.68 @ 66F

Source of Rmf / Rmc MEASURED

Rm @ BHT .751 @ 123F

Time Circulation Stopped 4 HOURS

Time Logger on Bottom 7:30 P.M.

Maximum Recorded Temperature 123F

Equipment Number 8916

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By SEAN DEENIHAN

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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:

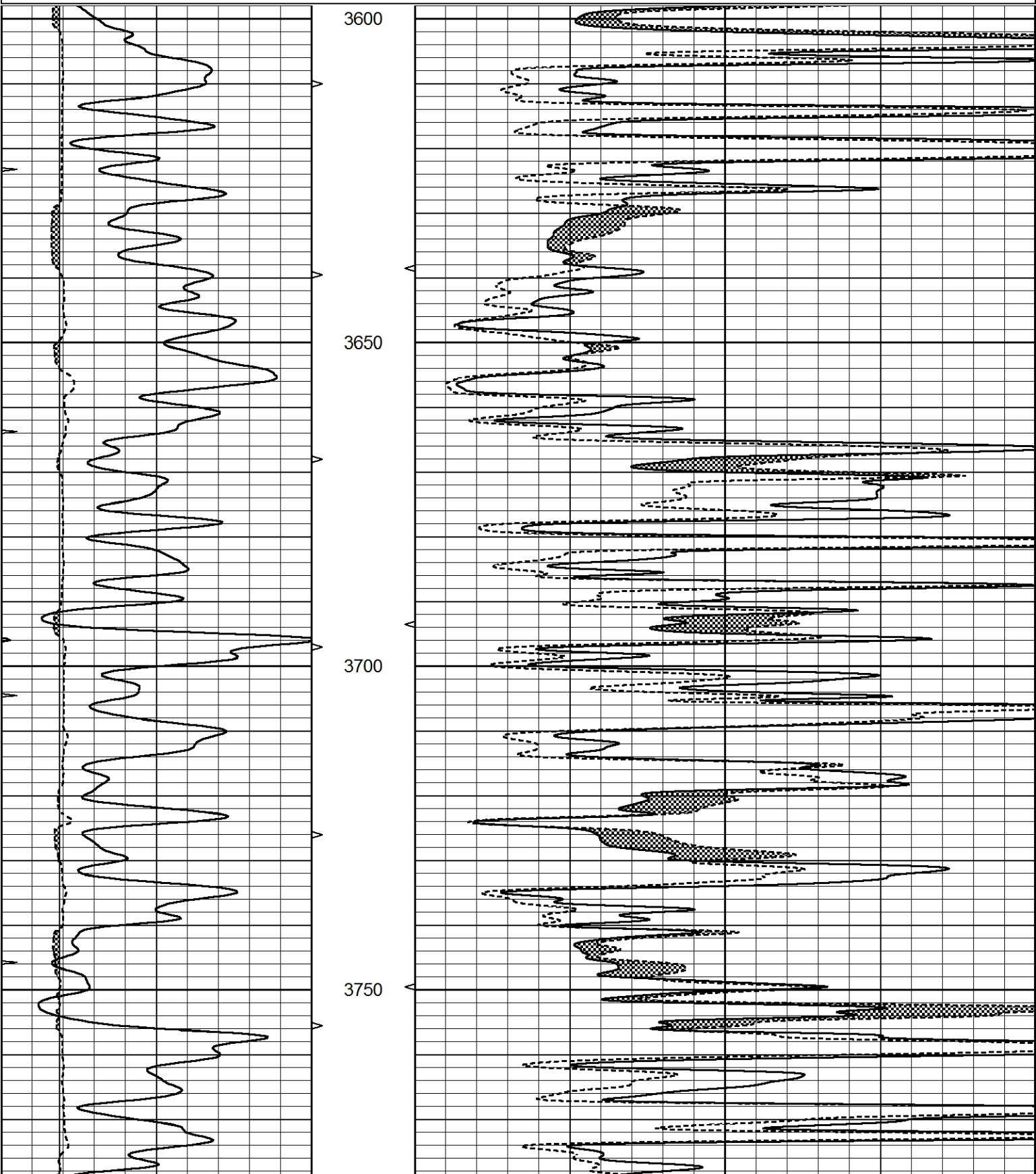
OAKLEY, KS. & SECOND I-70 EXIT, S. TO "RD. C", W. TO "RD. 23", 1S., E. INTO

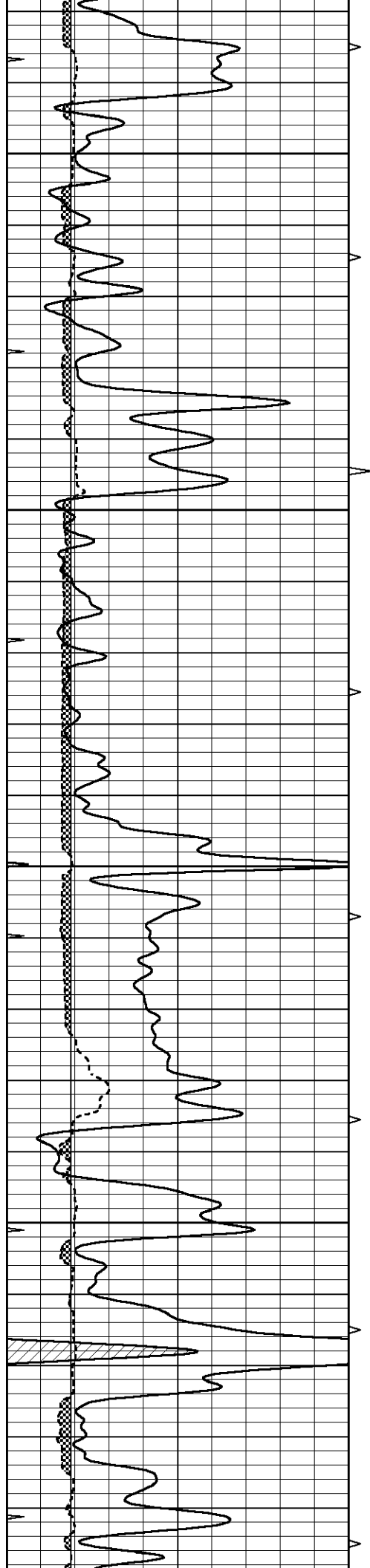


MAIN SECTION

Database File	7509pe.db
Dataset Pathname	pass6.1
Presentation Format	_micro
Dataset Creation	Mon Feb 13 20:46:34 2023
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		



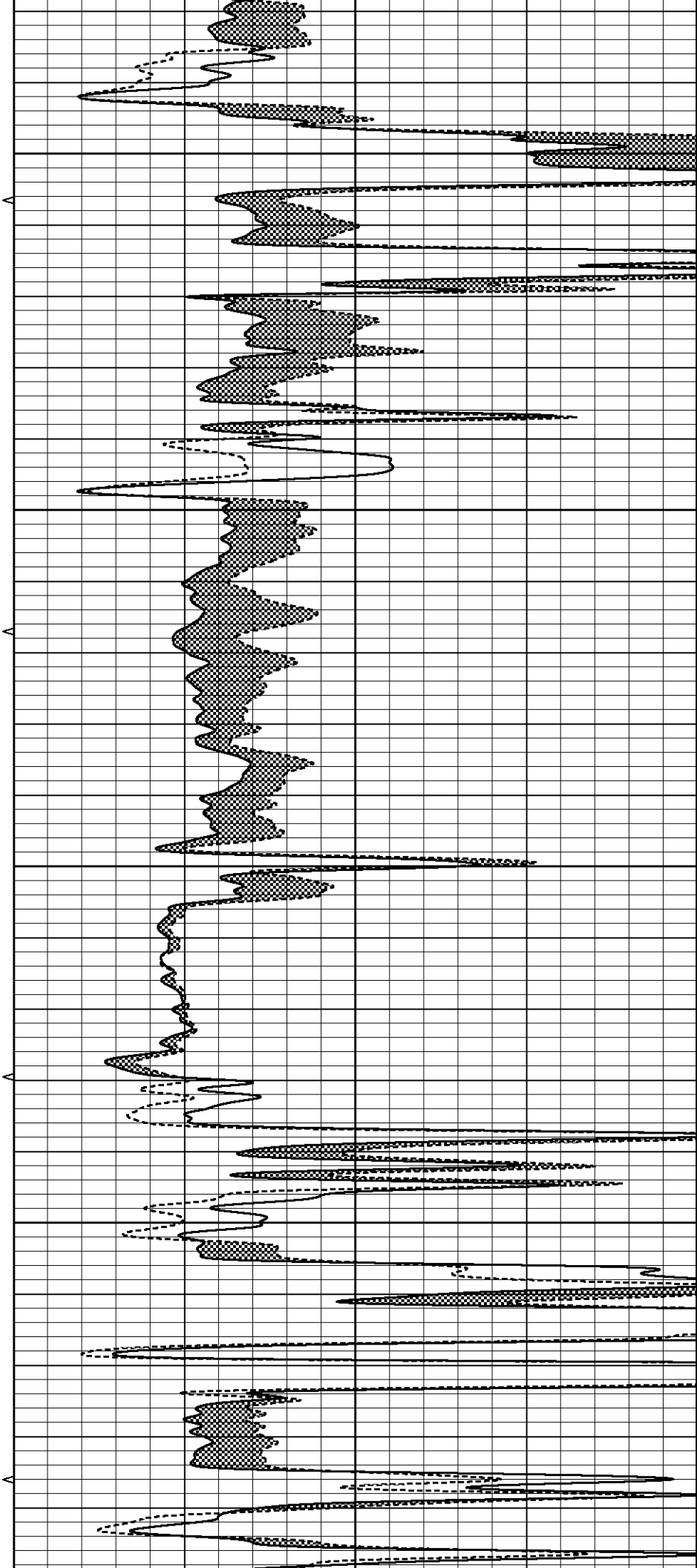


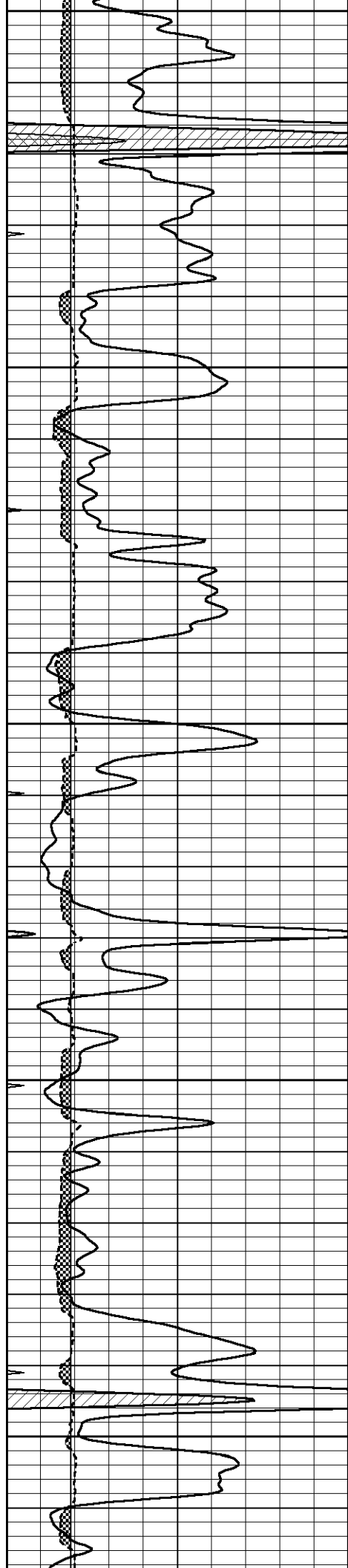
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3850

3900

3950





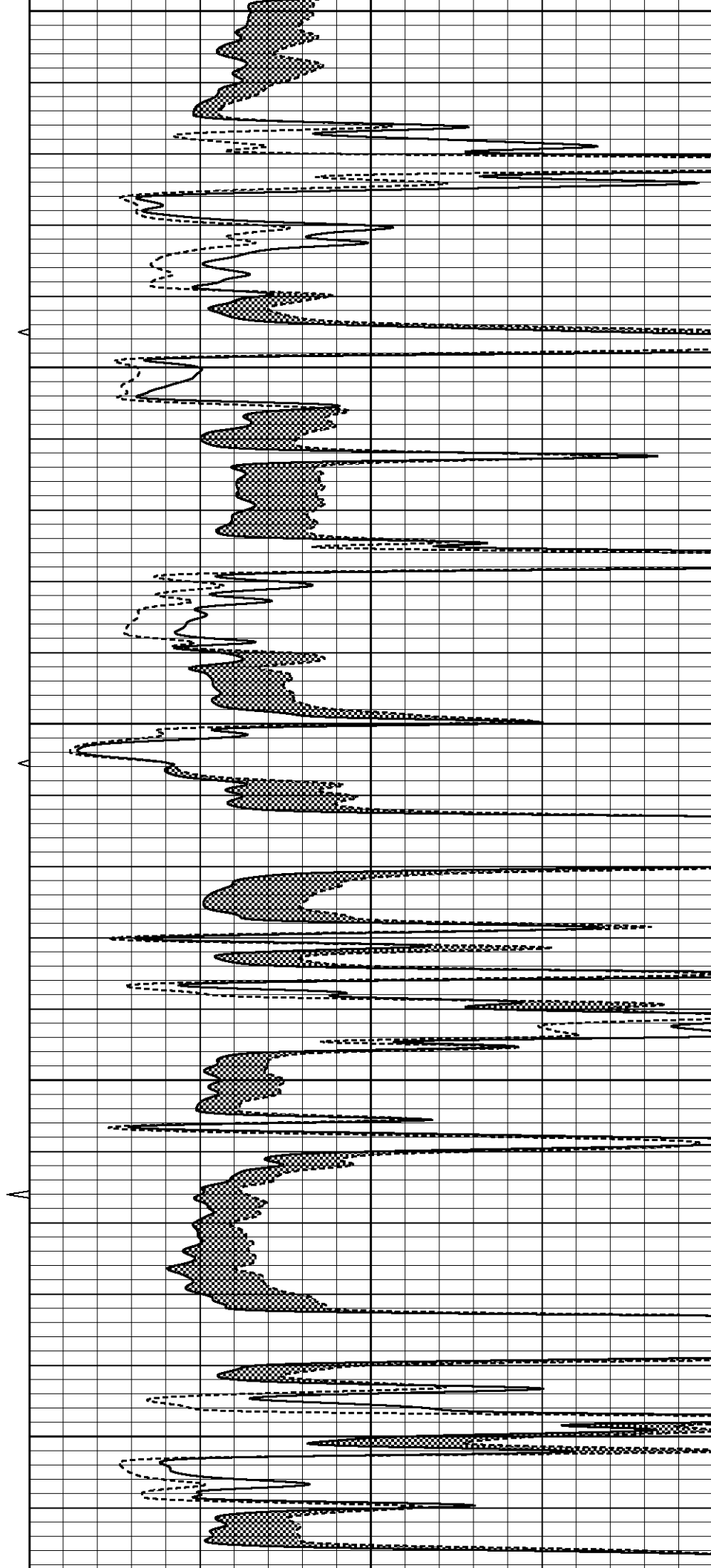
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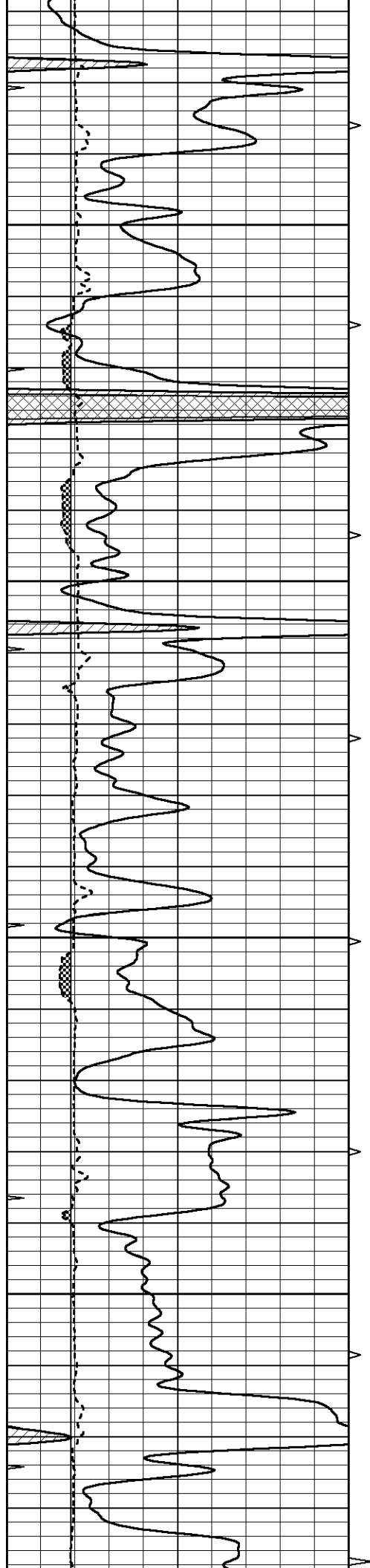
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4100

4150

4200



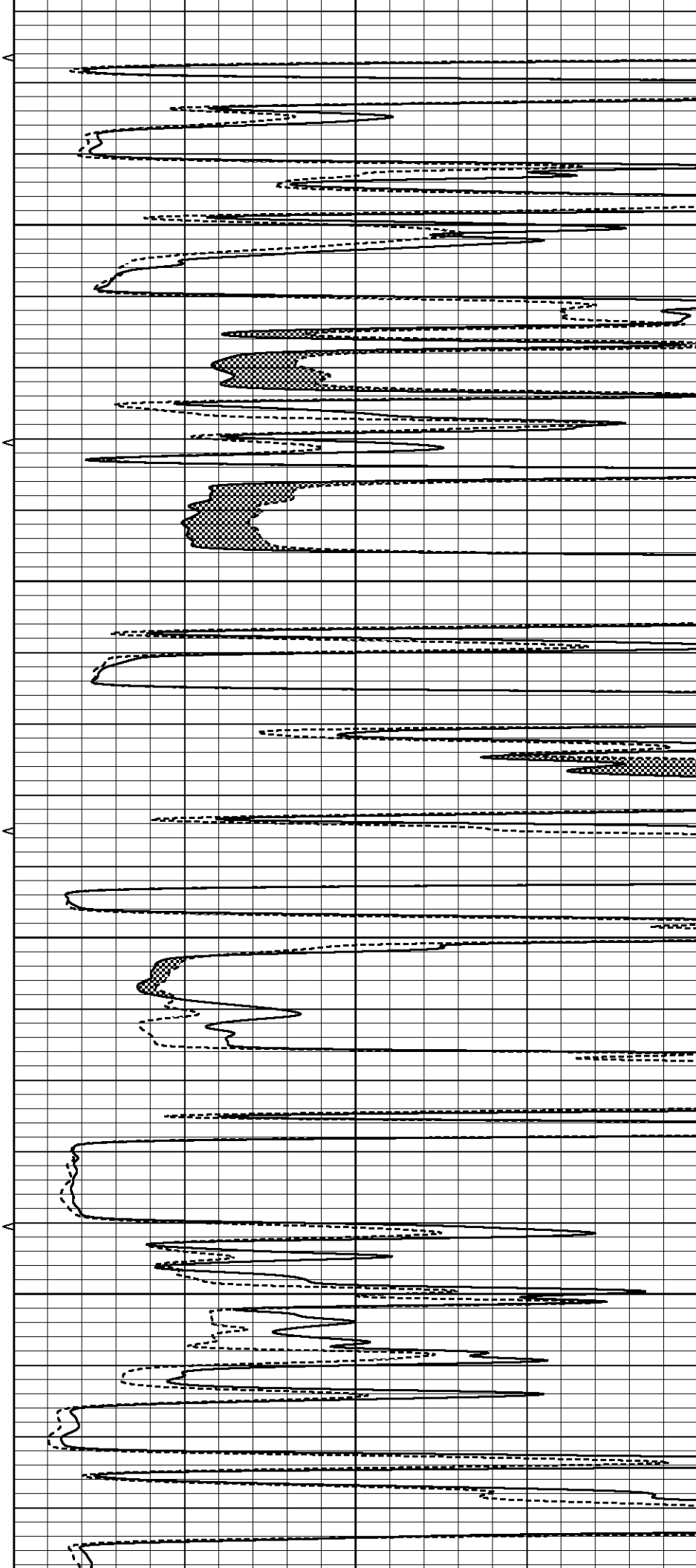


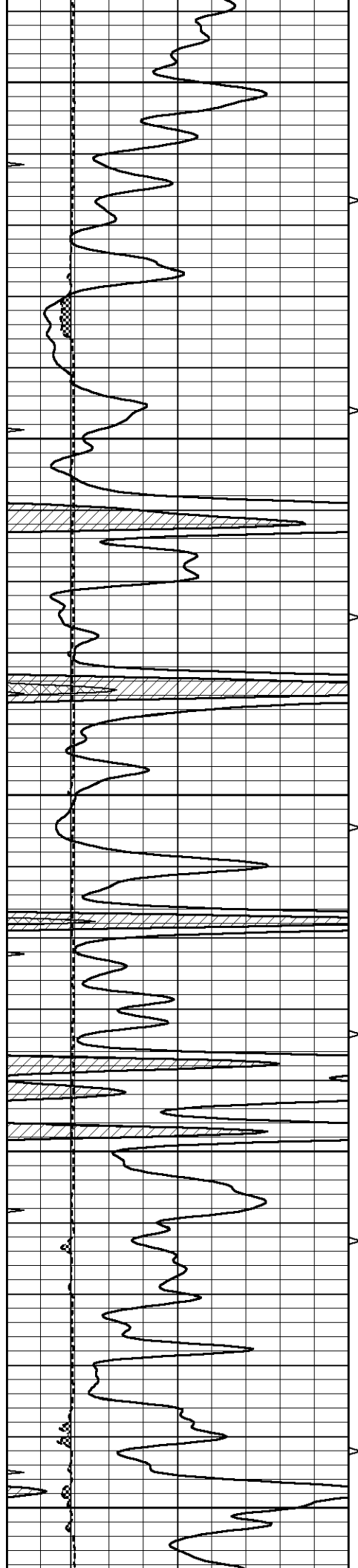
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4300

4350

4400





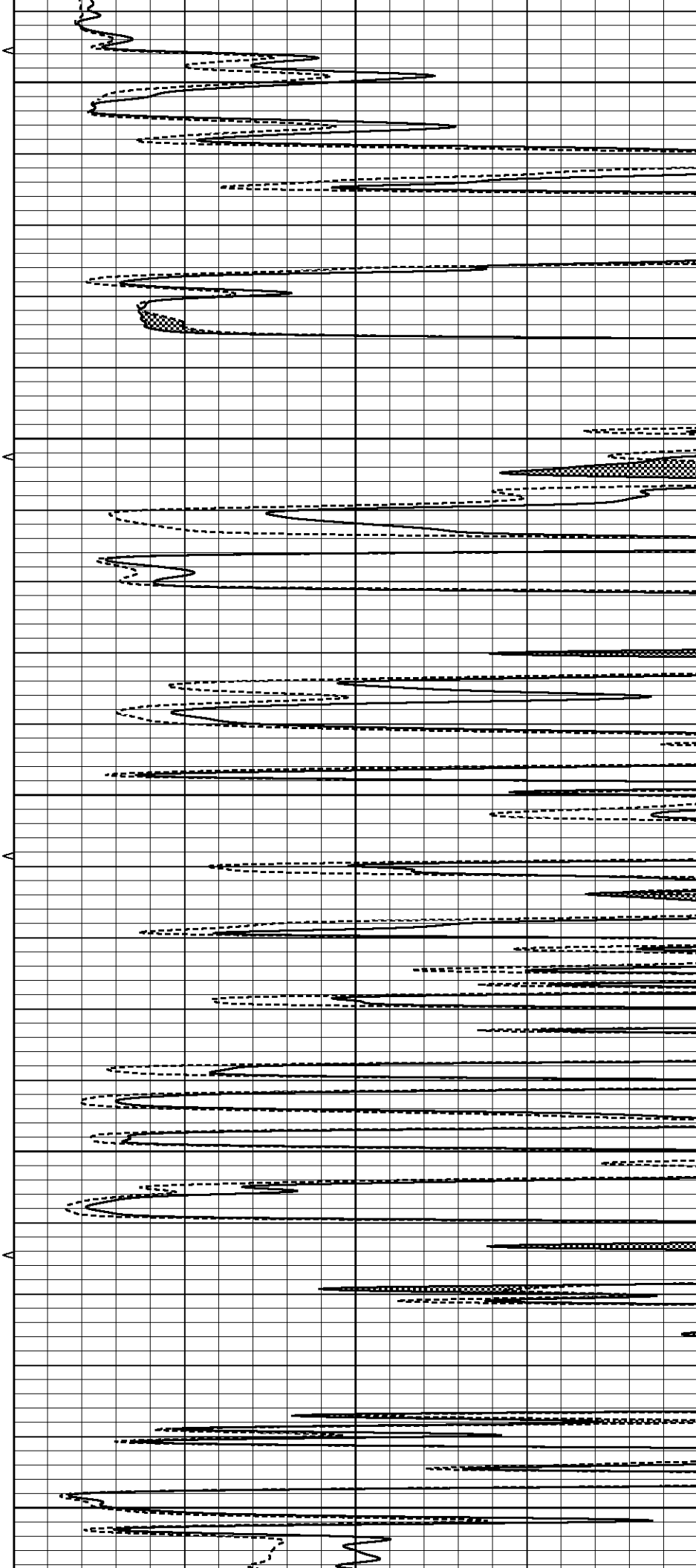
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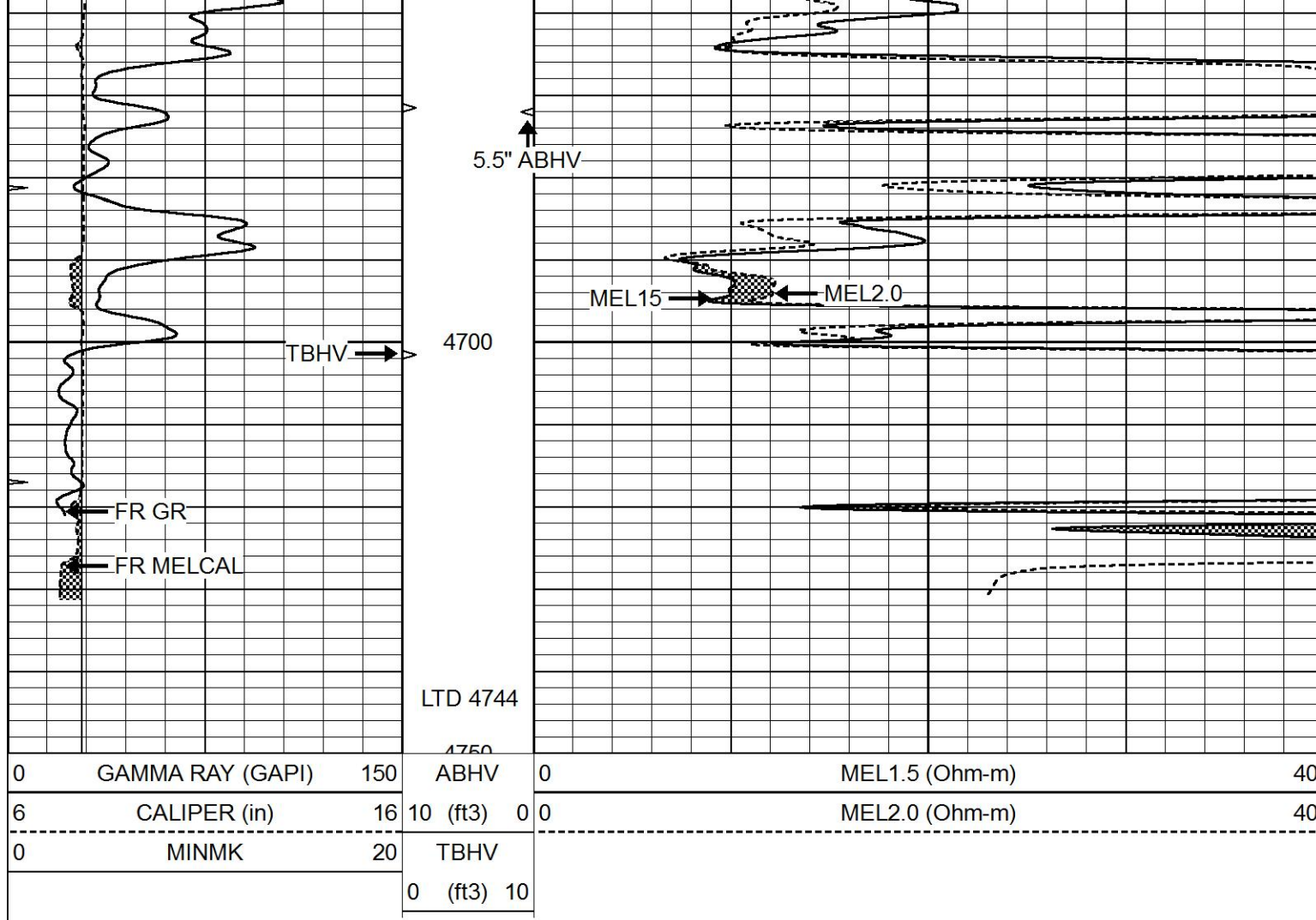
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4550

4600

4650

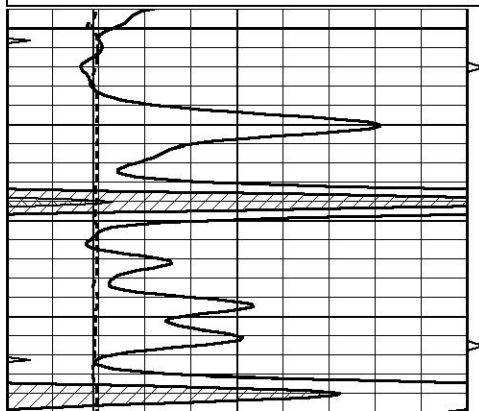




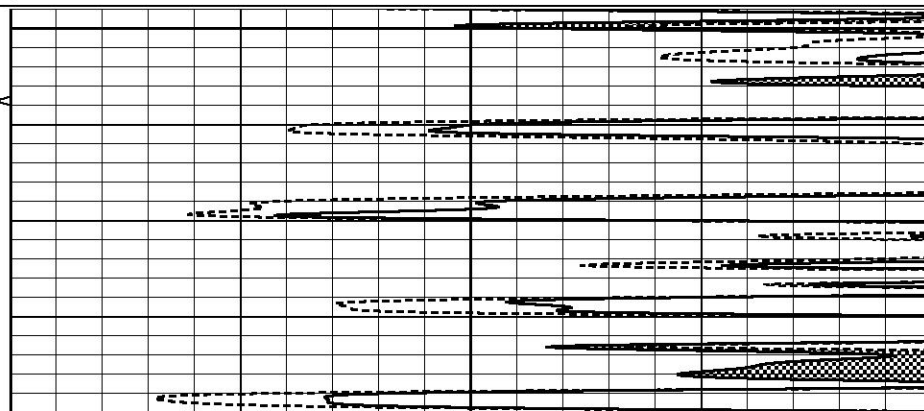
REPEAT SECTION

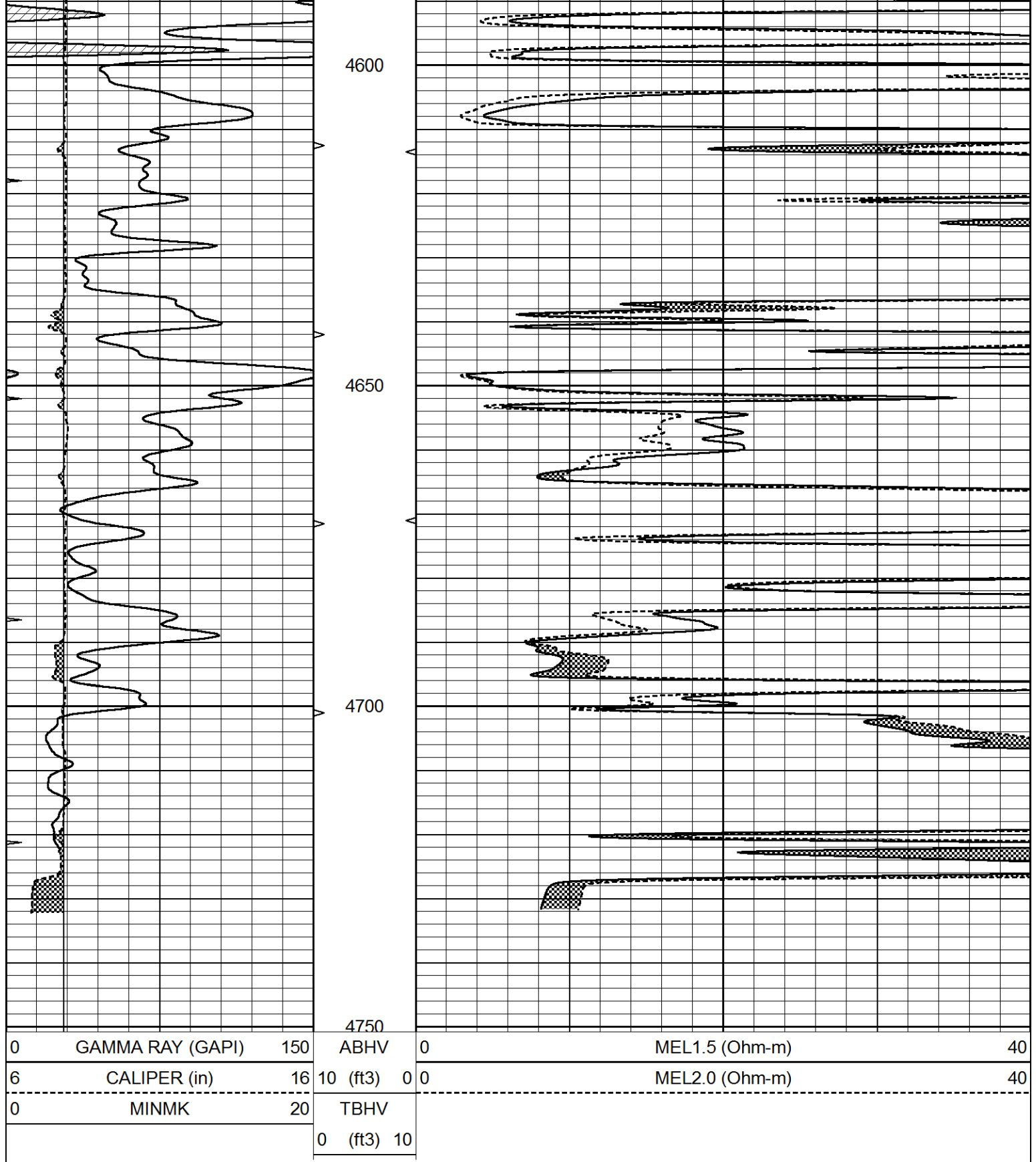
Database File 7509pe.db
 Dataset Pathname pass5.2
 Presentation Format _micro
 Dataset Creation Mon Feb 13 20:49:50 2023
 Charted by Depth in Feet scaled 1:240

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		



4550





Calibration Report

Database File 7509pe.db
Dataset Pathname pass6.1
Dataset Creation Mon Feb 13 20:46:34 2023

MICRO Calibration Report

Serial Number: MICRO6
Tool Model: PROBE
Performed: Mon Feb 13 19:57:54 2023

Performed:

Mon Feb 12 10:07:10 2023

Caliper Calibration:

Gain=3.962

Offset=3.117

References
Readings

Low Cal
7.000
0.980

High Cal
14.000
2.747

1.5" Calibration:

Gain=42.000

Offset=-0.300

References
Readings

Low Cal
0.000
0.000

High Cal
20.000
1.219

2" Calibration:

Gain=48.000

Offset=-0.500

References
Readings

Low Cal
0.000
0.004

High Cal
20.000
0.985

Gamma Ray Calibration Report

Serial Number:
Tool Model:
Performed:

GR5
OPEN
Sun Feb 12 09:20:02 2023

Calibrator Value:

1.0

GAPI

Background Reading:
Calibrator Reading:

0.0
1.0

cps
cps

Sensitivity:

0.5800

GAPI/cps