



MICRO LOG

Company DARRAH OIL COMPANY, LLC.

Well BISHOP #1-17

Field WILDCAT

County LOGAN State KANSAS

Location: API #: 15-109-21623-0000

1292' FNL & 1120' FEL
SW - SW - NE - NE
SEC 17 TWP 12S RGE 36W

Permanent Datum GROUND LEVEL Elevation 3153
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL/PE
DIL/SONIC
Elevation
K.B. 3164
D.F. 3162
G.L. 3153

Date 7/21/21

Run Number TWO

Depth Driller 4792

Depth Logger 4793

Bottom Logged Interval 4777

Top Log Interval 3400

Casing Driller 8 5/8" @ 258'

Casing Logger 258

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.4/45

pH / Fluid Loss 10.5/8.8

Source of Sample FLOWLINE

Rm @ Meas. Temp .540 @ 104F

Rmf @ Meas. Temp .405 @ 104F

Rmc @ Meas. Temp .648 @ 104F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .457 @ 123F

Time Circulation Stopped 5.5 HOURS

Time Logger on Bottom 4:30 P.M.

Maximum Recorded Temperature 123F

Equipment Number 922339

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By LARRY NICHOLSON

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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.

15-109-21623-0000

Comments

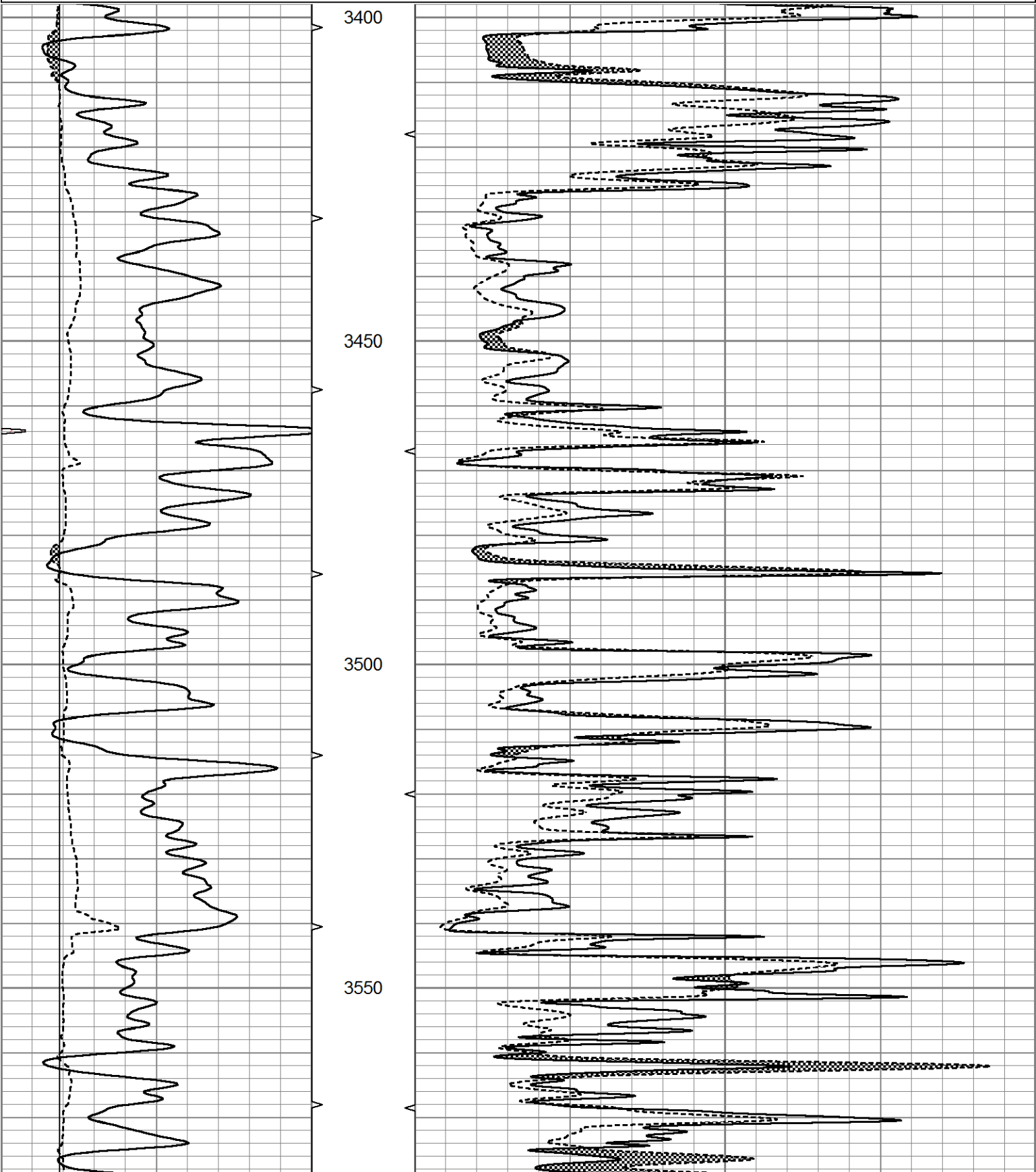
THANK YOU FOR USING E.L.I. WIRELINE SERVICES HAYS, KANSAS (785)628-6395
DIRECTIONS
WINONA, KS. 5W. ON OLD 40 TO JUST PAST MM# 41, S. INTO

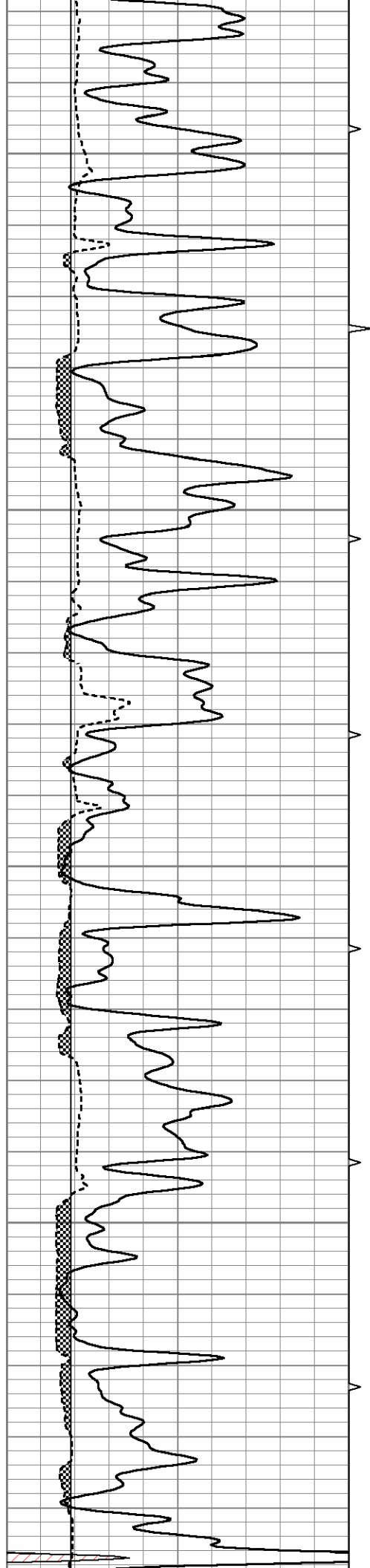


MAIN SECTION

Database File	5590pe.db
Dataset Pathname	pass7.2
Presentation Format	micro
Dataset Creation	Wed Jul 21 17:23:22 2021
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150	ABHV	0	MEL20 (Ohm-m)	40
6	MELCAL (in)	16	10 (ft3)	0	MEL15 (Ohm-m)	40
			ABHV			
			0 (ft3) 10			



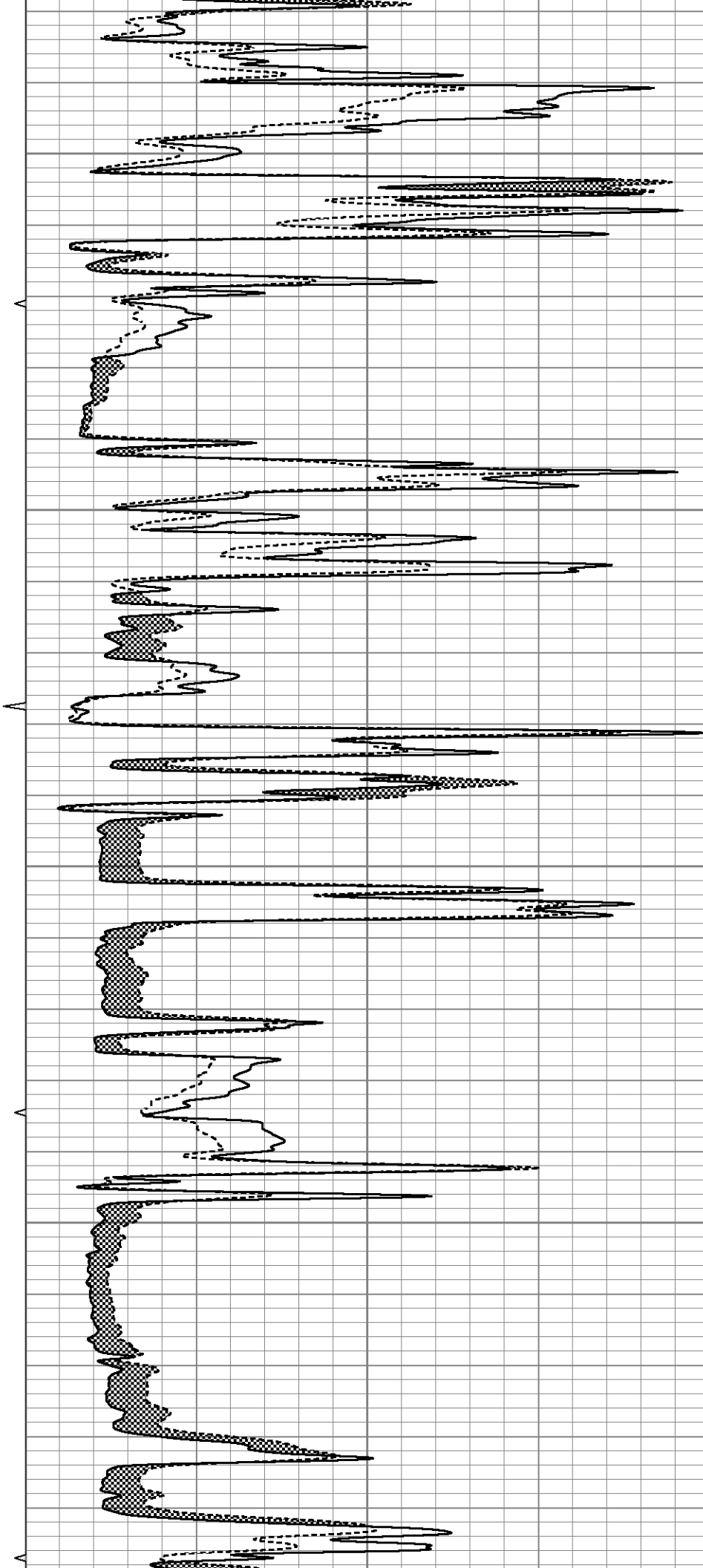


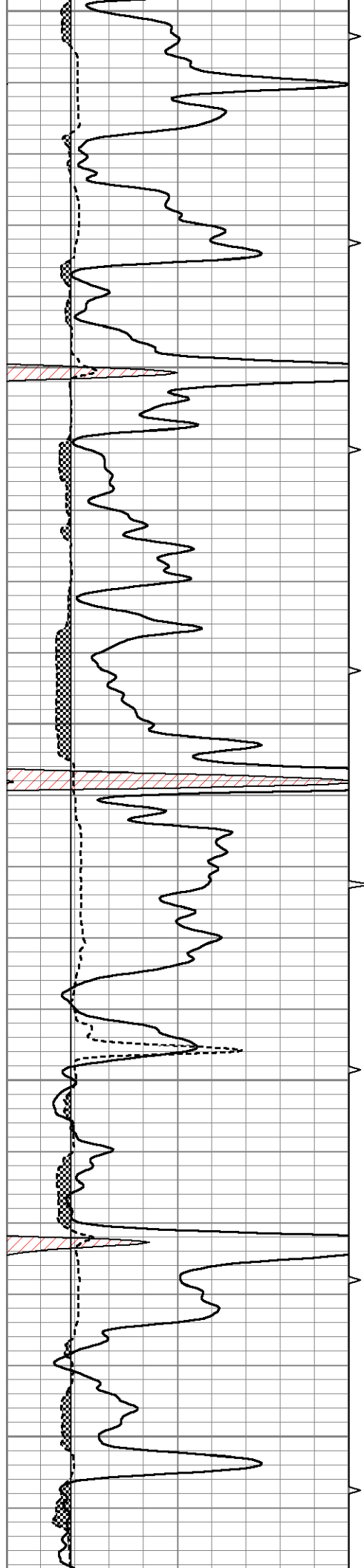
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3650

3700

3750





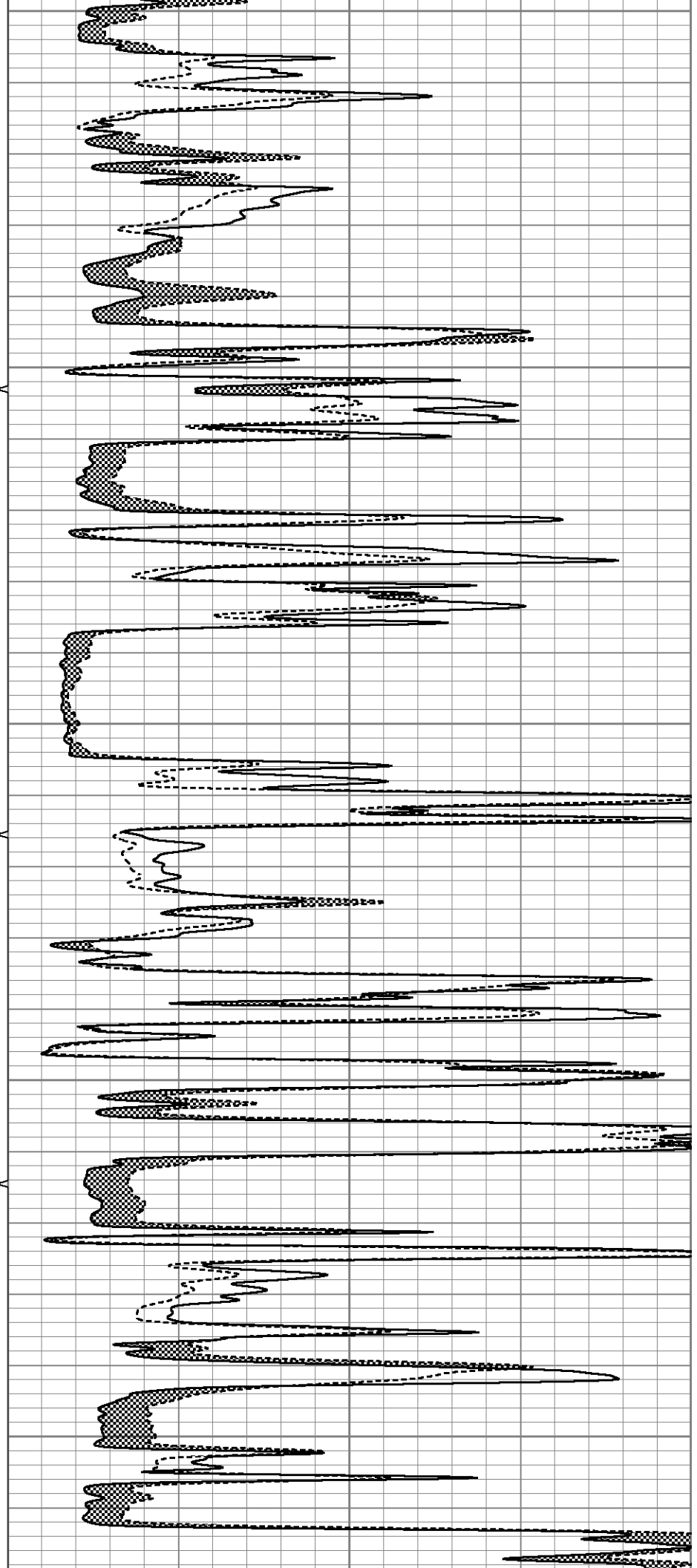
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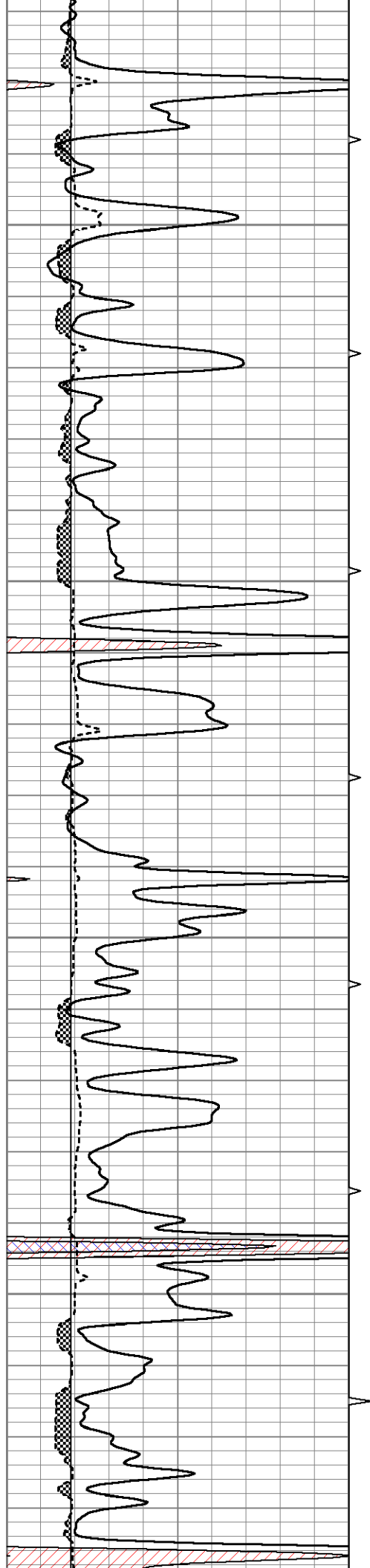
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3900

3950

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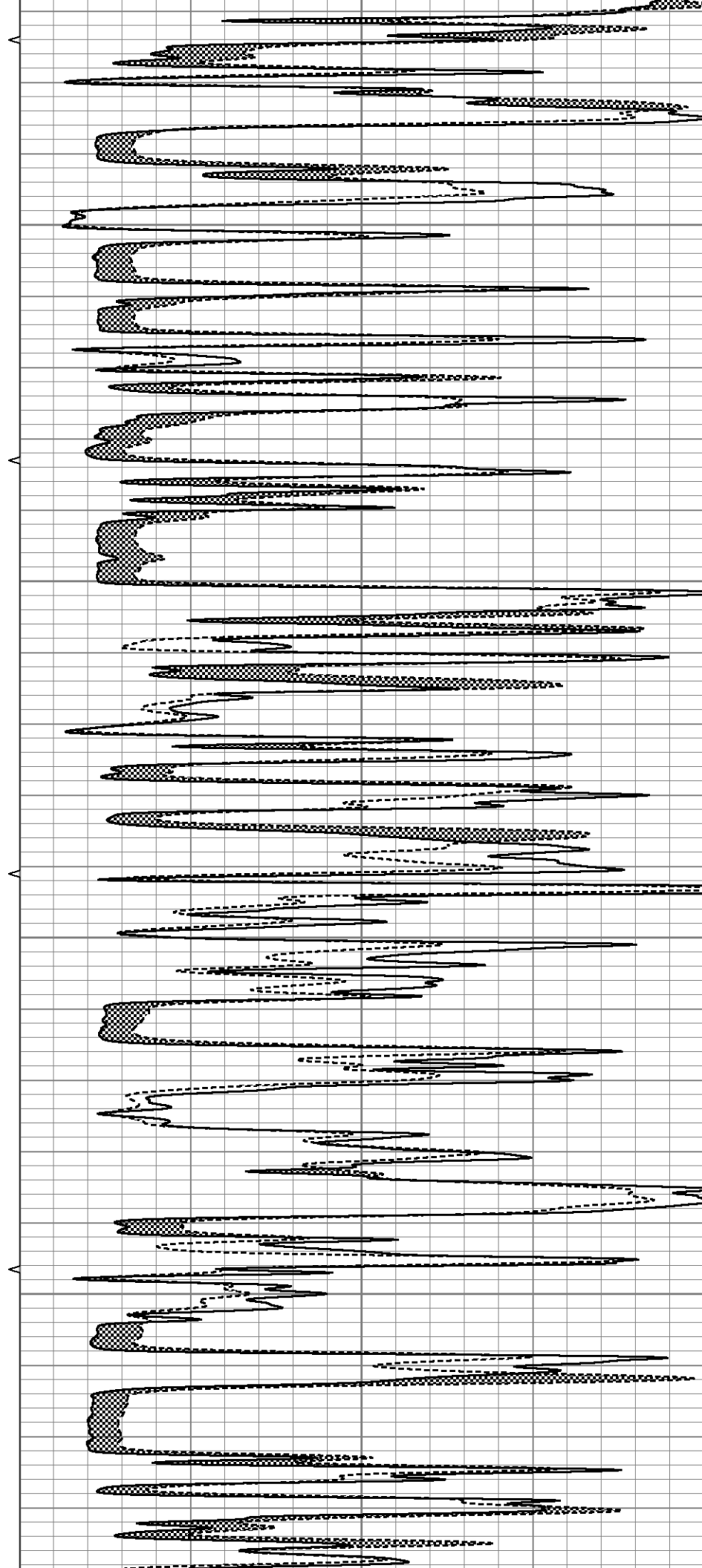


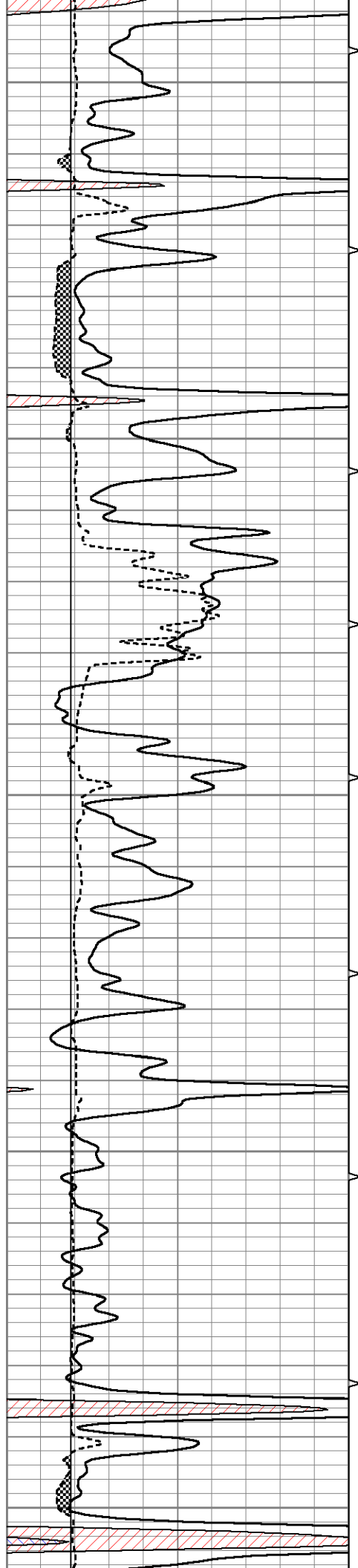
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4100

4150

4200





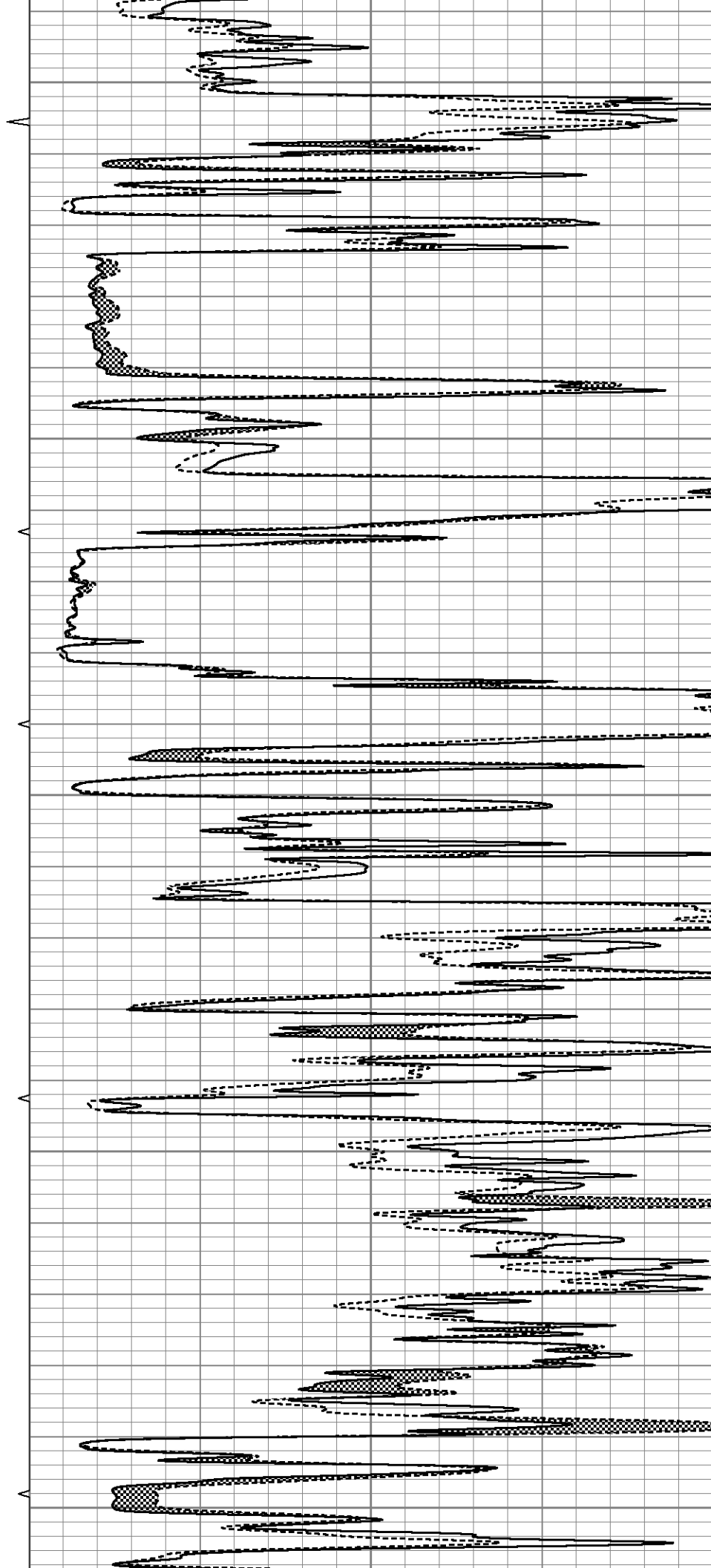
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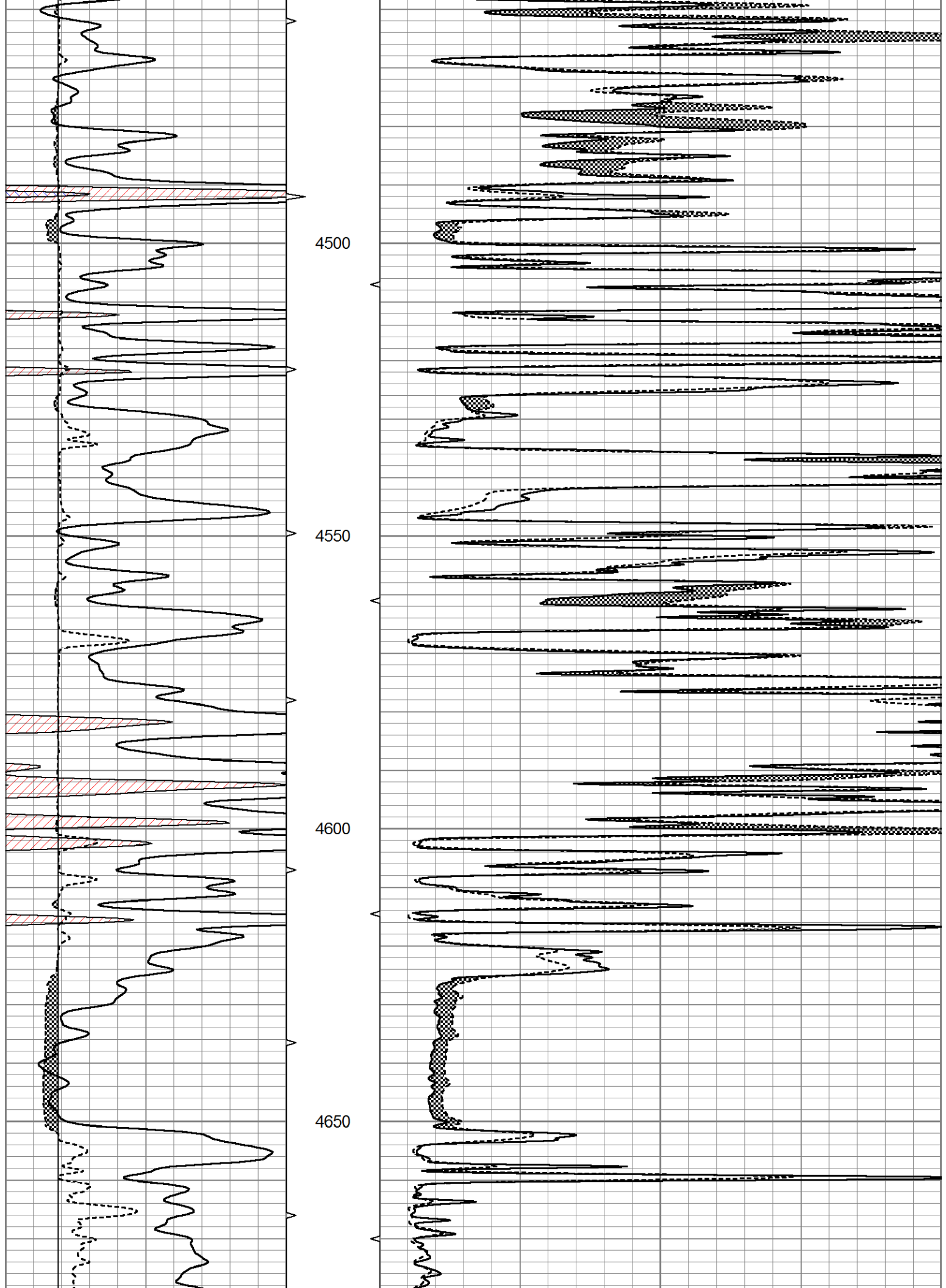
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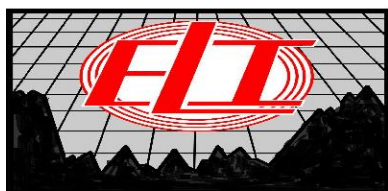
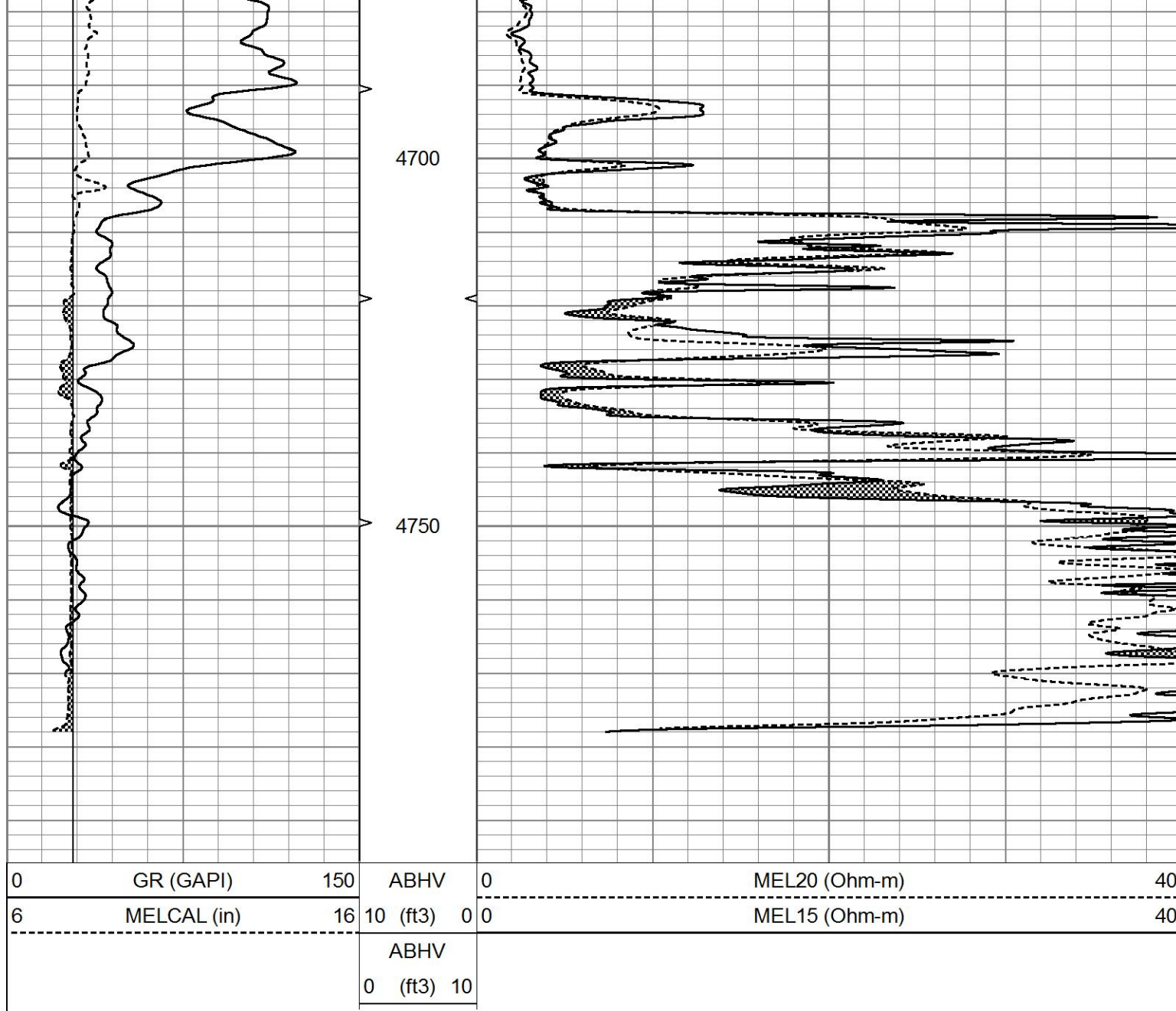
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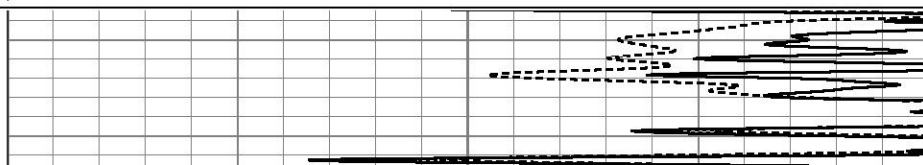
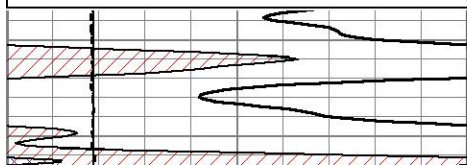


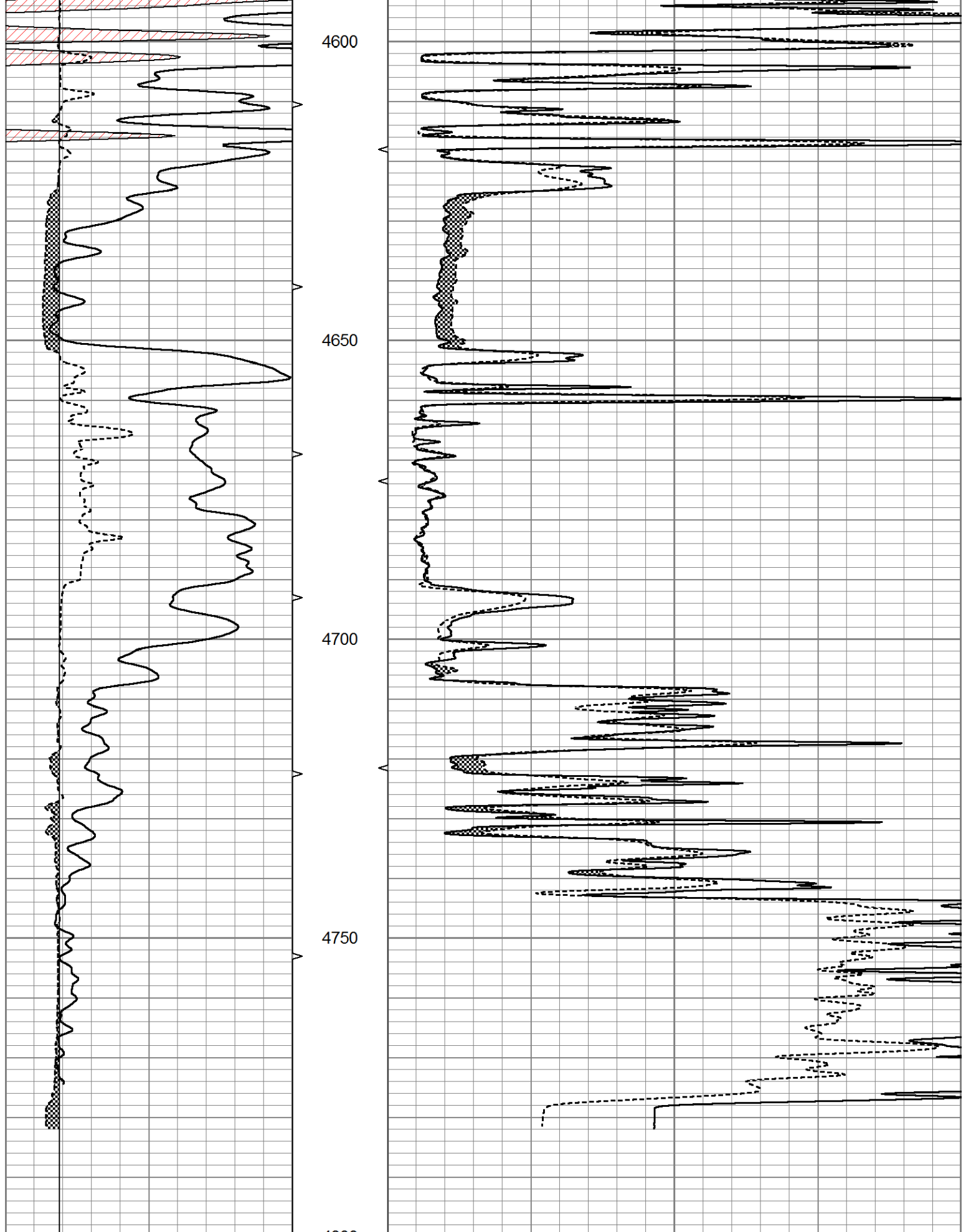


REPEAT SECTION

Database File 5590pe.db
 Dataset Pathname pass6.1
 Presentation Format micro
 Dataset Creation Wed Jul 21 16:29:14 2021
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150	ABHV	0	MEL20 (Ohm-m)	40
6	MELCAL (in)	16	10 (ft3) 0 0	0	MEL15 (Ohm-m)	40
			ABHV			
			0 (ft3) 10			





0	GR (GAPI)	150	ABHV	0	MEL20 (Ohm-m)	40
6	MELCAL (in)	16	10 (ft3)	0	MEL15 (Ohm-m)	40
			ABHV			

Calibration Report

Database File 5590pe.db
 Dataset Pathname pass7.1
 Dataset Creation Wed Jul 21 17:06:28 2021

MICRO Calibration Report

Serial Number: 070912
 Tool Model: ProbeN
 Performed: Wed Jul 07 18:28:09 2021

Caliper Calibration: Gain=3.448 Offset=0.828

	Low Cal	High Cal
References	8.000	16.000
Readings	2.080	4.400

1.5" Calibration: Gain=32.000 Offset=0.500

	Low Cal	High Cal
References	0.000	20.000
Readings	0.002	1.239

2" Calibration: Gain=50.000 Offset=-0.400

	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	1.075

Gamma Ray Calibration Report

Serial Number: 070559
 Tool Model: OPEN_GR
 Performed: Mon Jun 28 23:50:26 2021

Calibrator Value: 1.0 GAPI

Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity: 0.3500 GAPI/cps