MICRO LOG

Company K & N PETROLEUM, INC.
Well SOEKEN #21-2 OWWO
Field KRAFT-PRUSA
County BARTON State KANSAS

Location: API # : 15-009-24538-0001
1653' FNL & 937' FEL
SE - NW - SE - NE
SEC 21 TWP 17S RGE 11W

Other Services
CDL/CNL
DIL

Permanent Datum GROUND LEVEL Elevation 1831
Log Measured From KELLY BUSHING 11' A.G.L
Drilling Measured From KELLY BUSHING

Elevation
K.B. 1842
D.F. 1840
G.L. 1831

Date	3/6/23		
Run Number	TWO		
Depth Driller	3800		
Depth Logger	3799		
Bottom Logged Interval	3797		
Top Log Interval	2800		
Casing Driller	8 5/8" @ 390		
Casing Logger	390		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,500 PPM	
Density / Viscosity	9.7/75		
pH / Fluid Loss	8.5/9.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.750 @ 75F		
Rmf @ Meas. Temp	.563 @ 75F		
Rmc @ Meas. Temp	.900 @ 75F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.14 @ 114F		
Time Circulation Stopped	4 HOURS		
Time Logger on Bottom	4:00 P.M.		
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBBEN		
Witnessed By	JIM MUSGROVE	JOSHUA AUSTIN	

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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

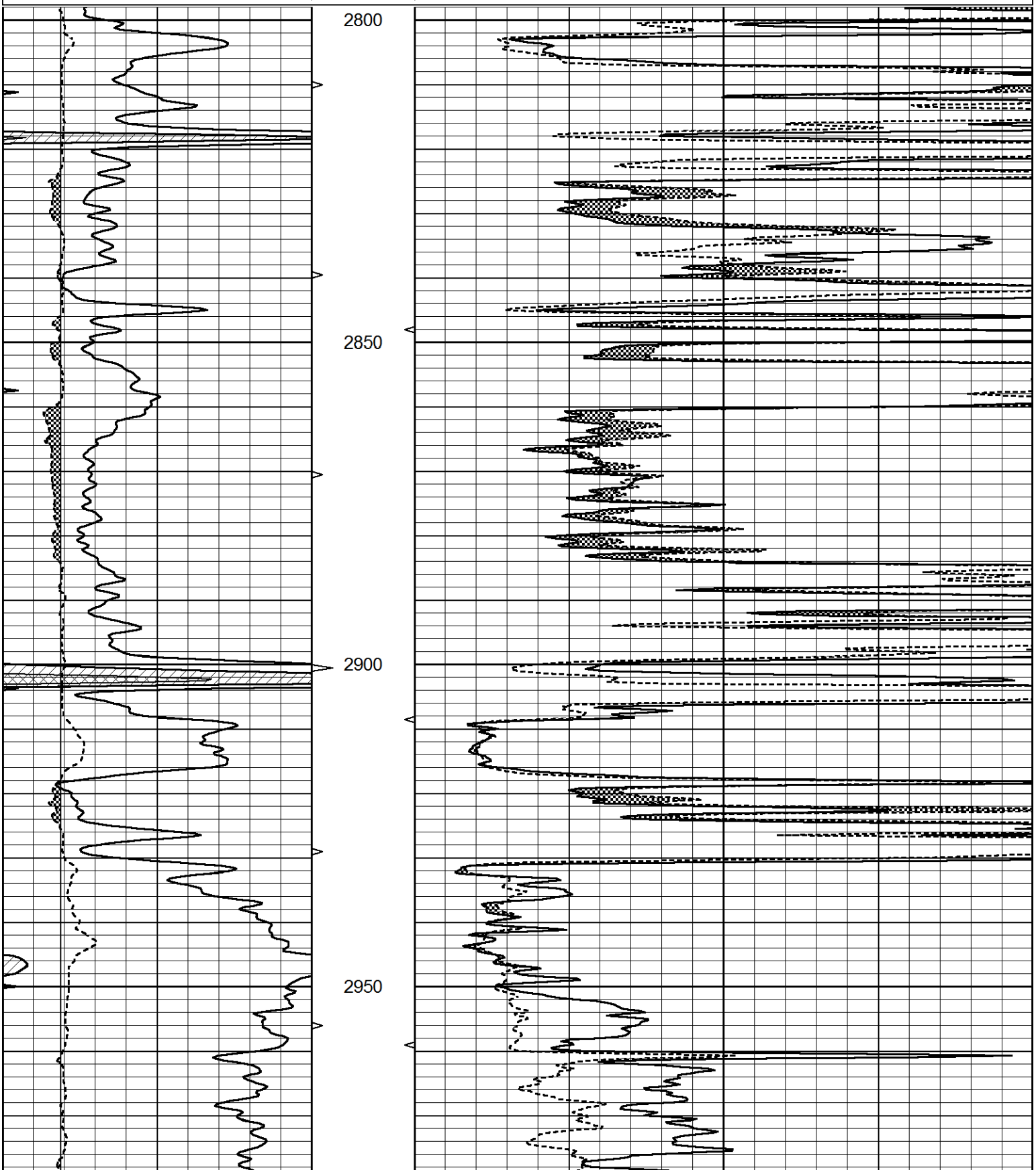
DIRECTIONS:

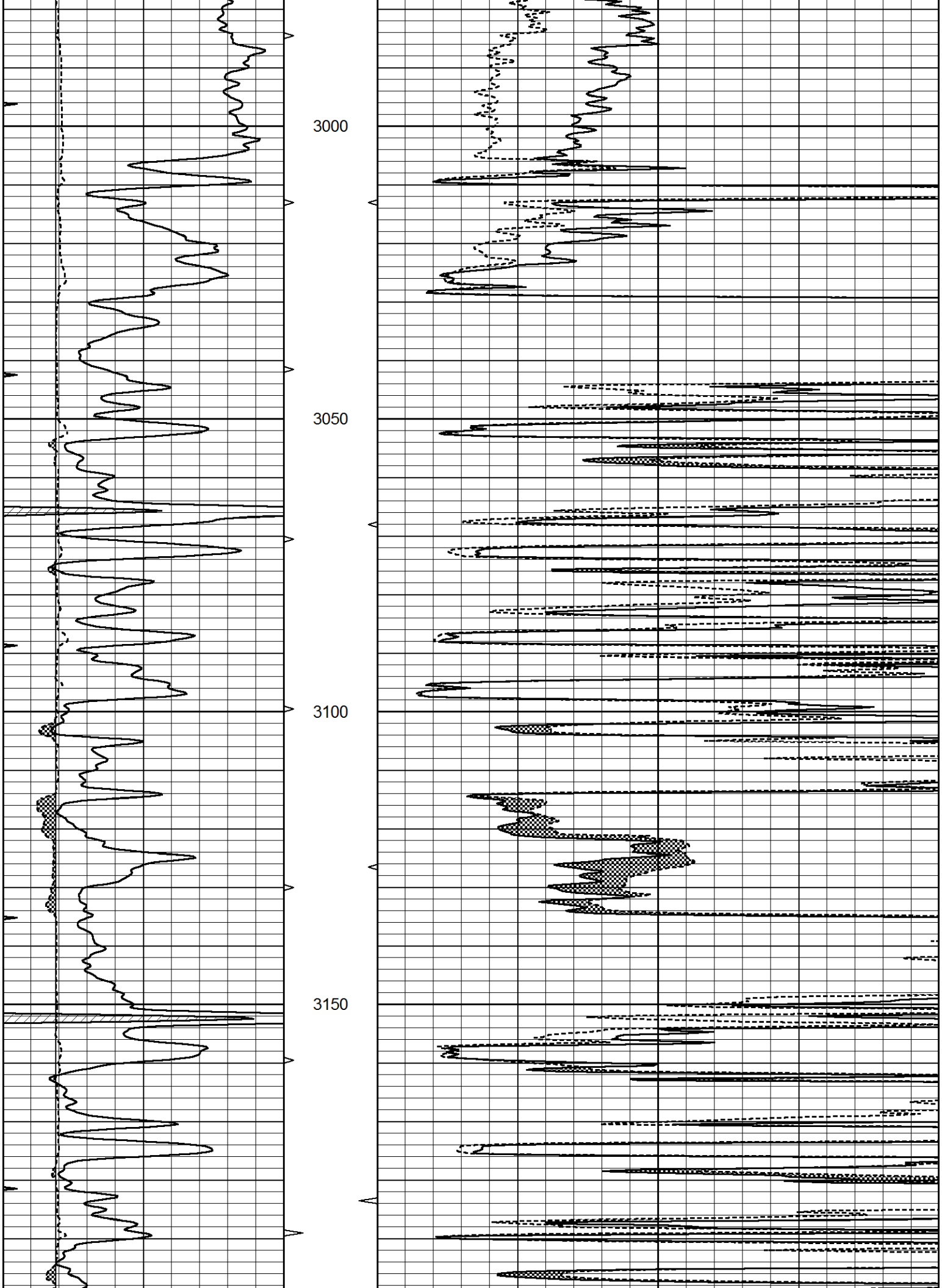
FROM CLAFLIN, KANSAS GO NORTH ON NE 130 AVENUE FOR 2 3/4 MILES, WEST INTO

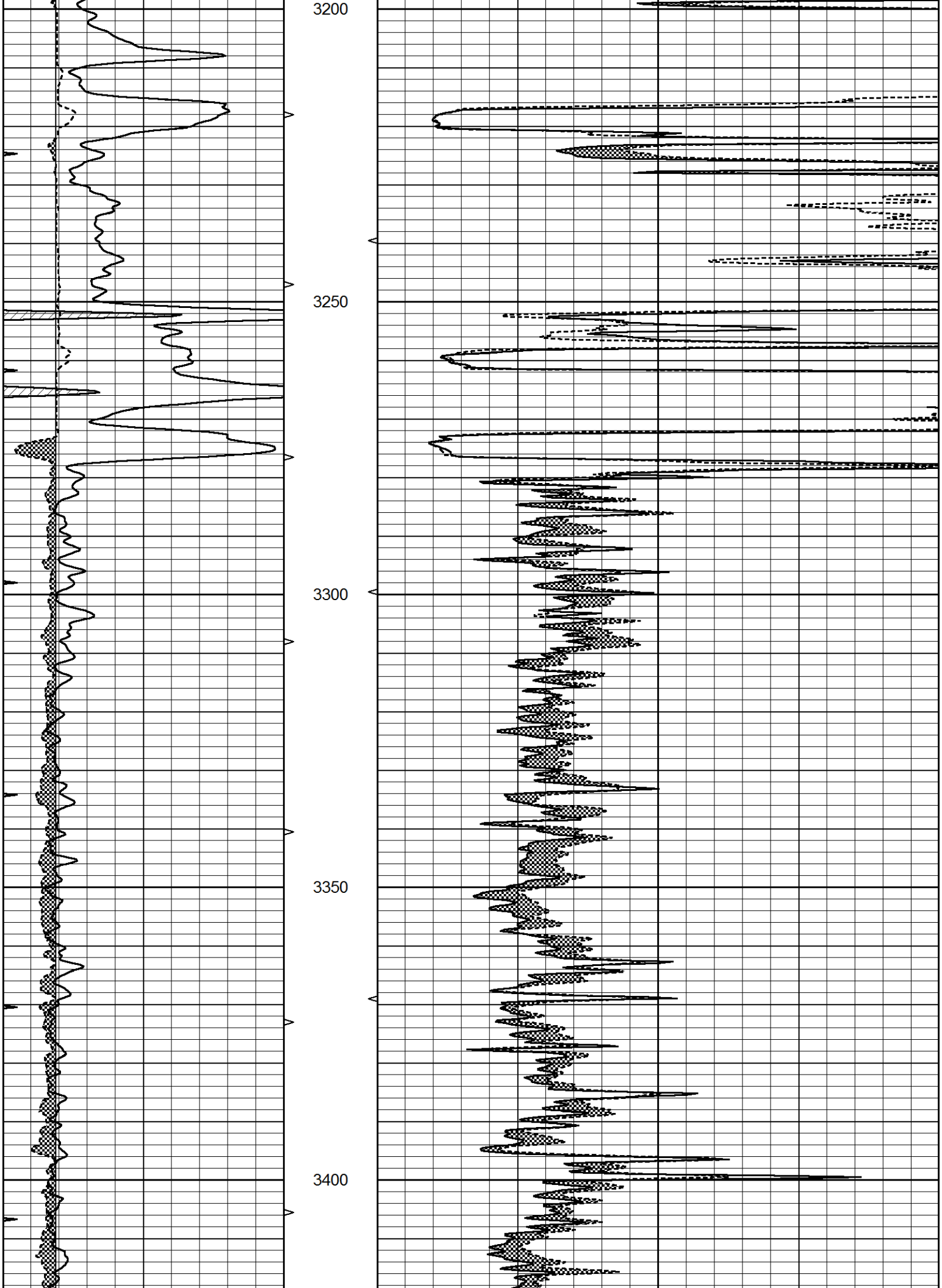
MAIN SECTION

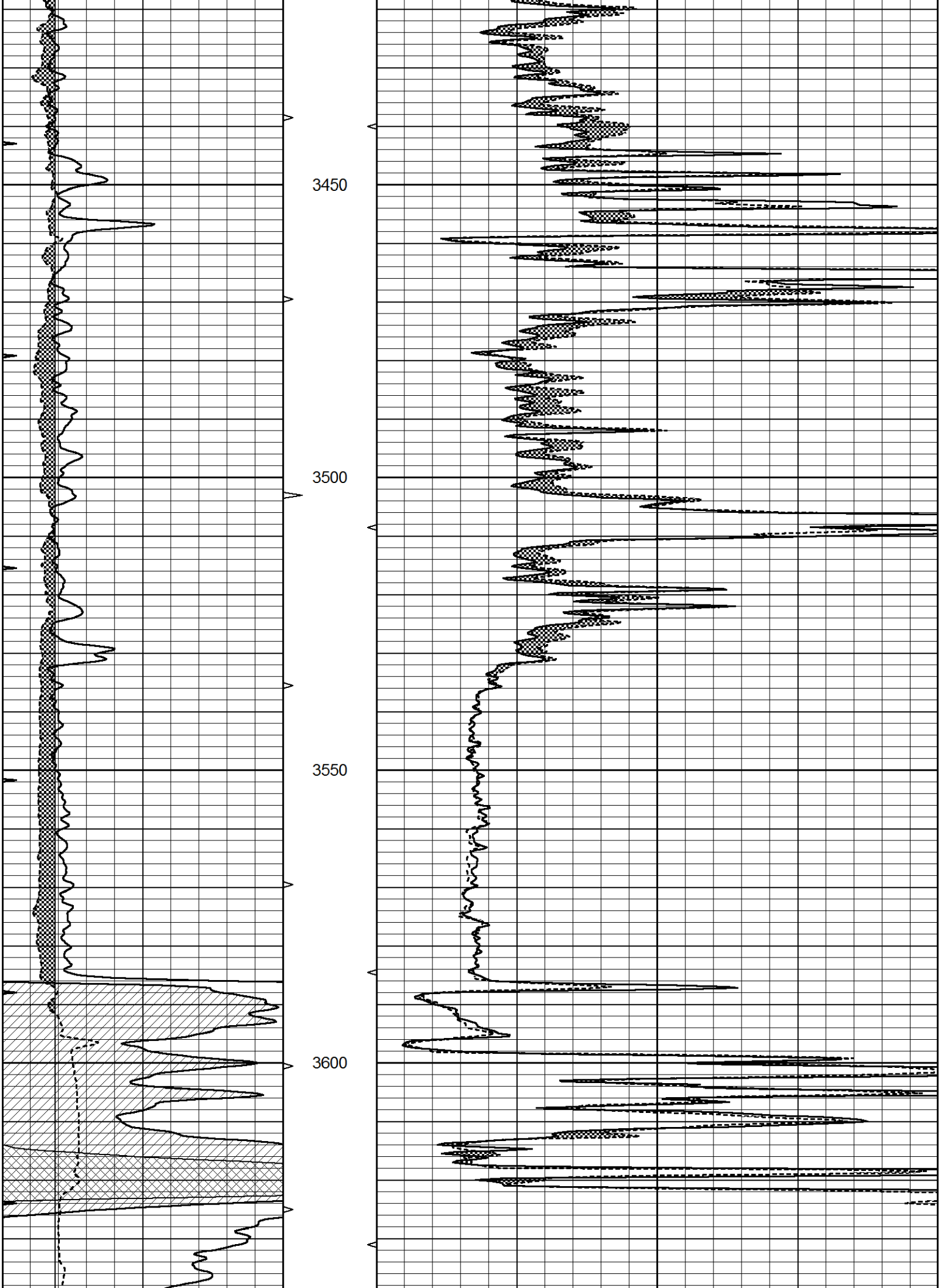
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Dataset Pathname	pass6D
Presentation Format	_micro
Dataset Creation	Mon Mar 06 16:48:04 2023
Charted by	Depth in Feet scaled 1:240

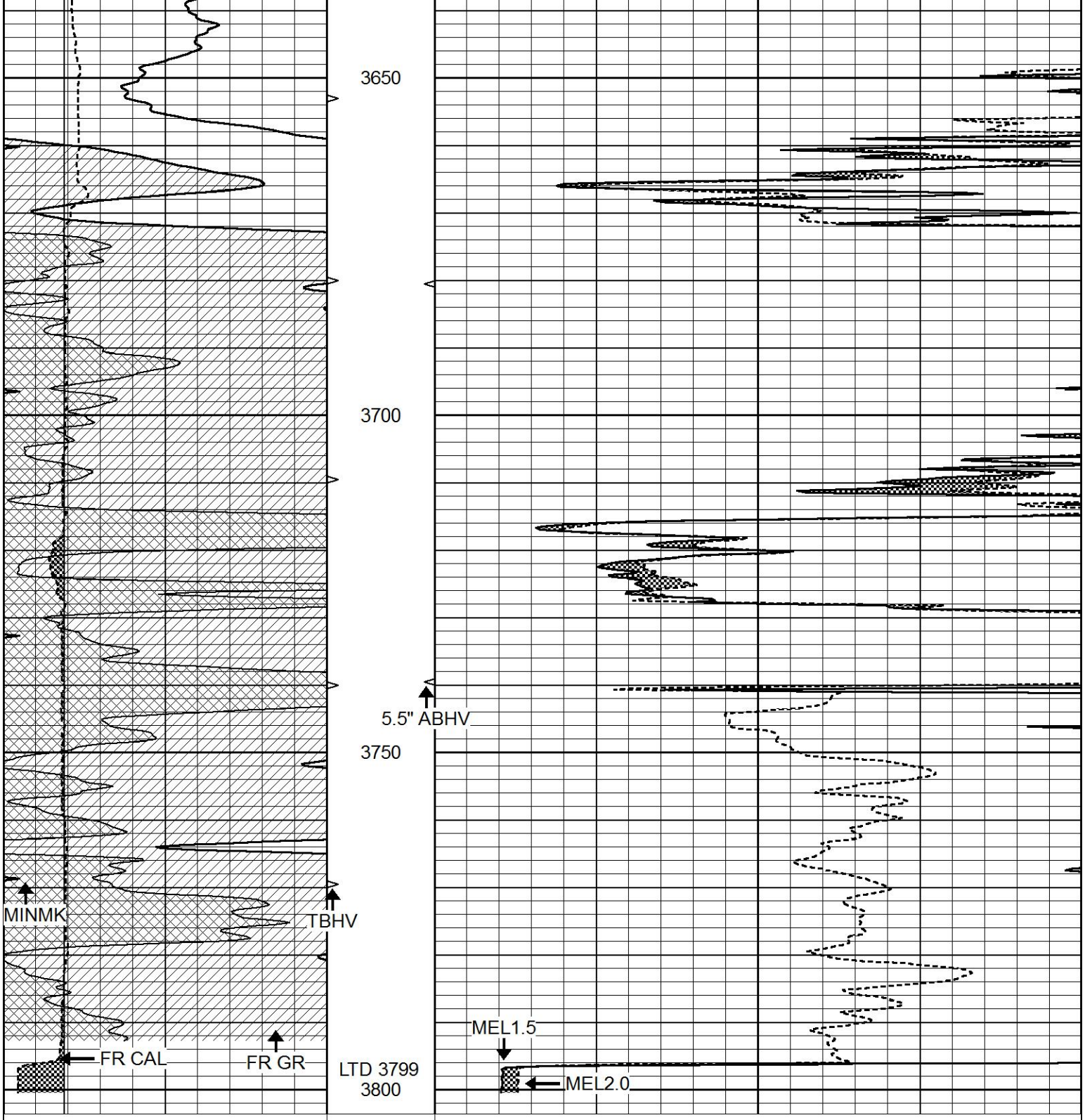
0	GAMMA RAY (GAPI) 150	ABHV		0	MEL1.5 (Ohm-m) 40
6	CALIPER (in) 16	10 (ft3) 0		0	MEL2.0 (Ohm-m) 40
0	MINMK 20	TBHV			
		0 (ft3) 10			




3000
3050
3100
3150


3200
3250
3300
3350
3400


3450
3500
3550
3600

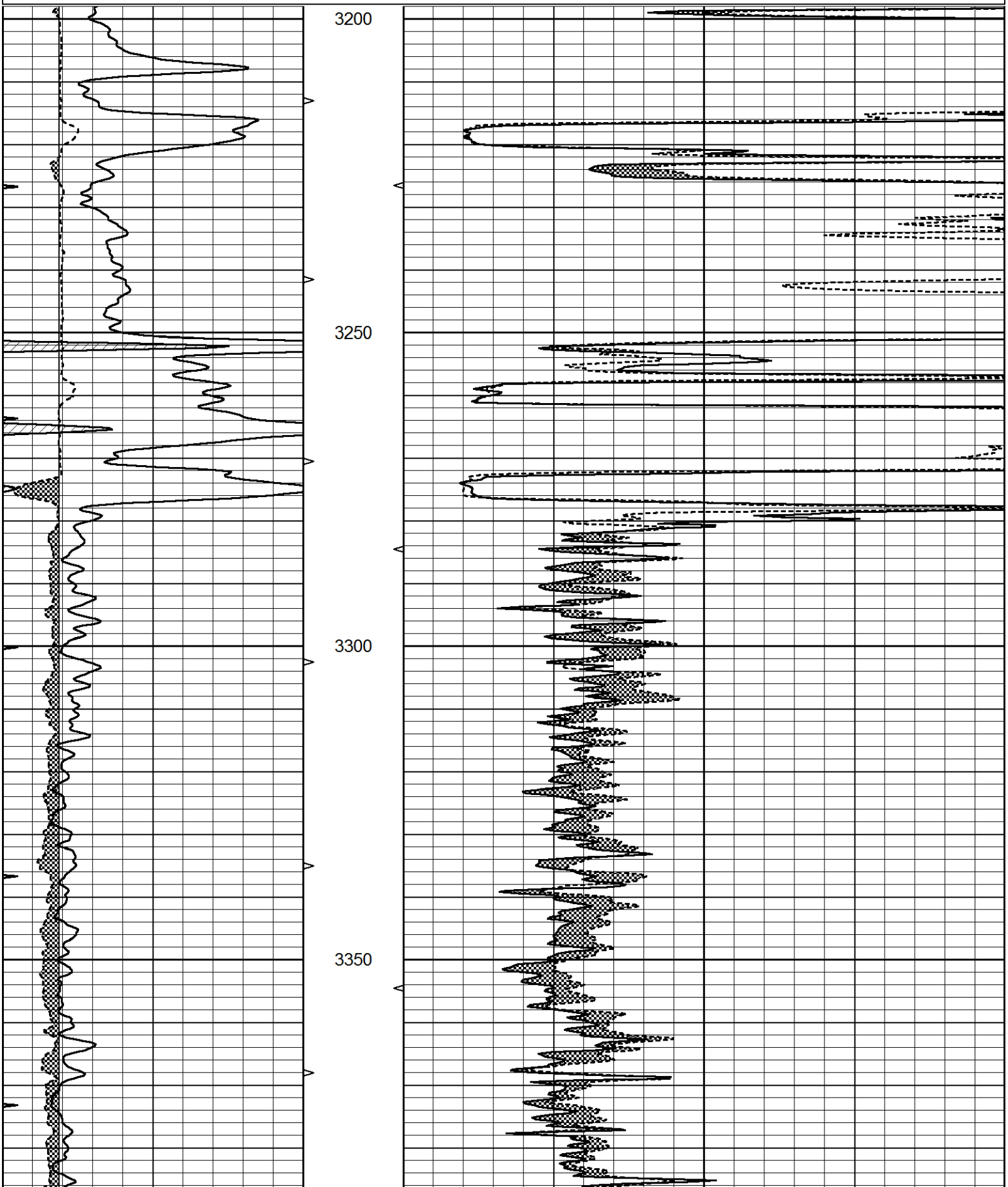


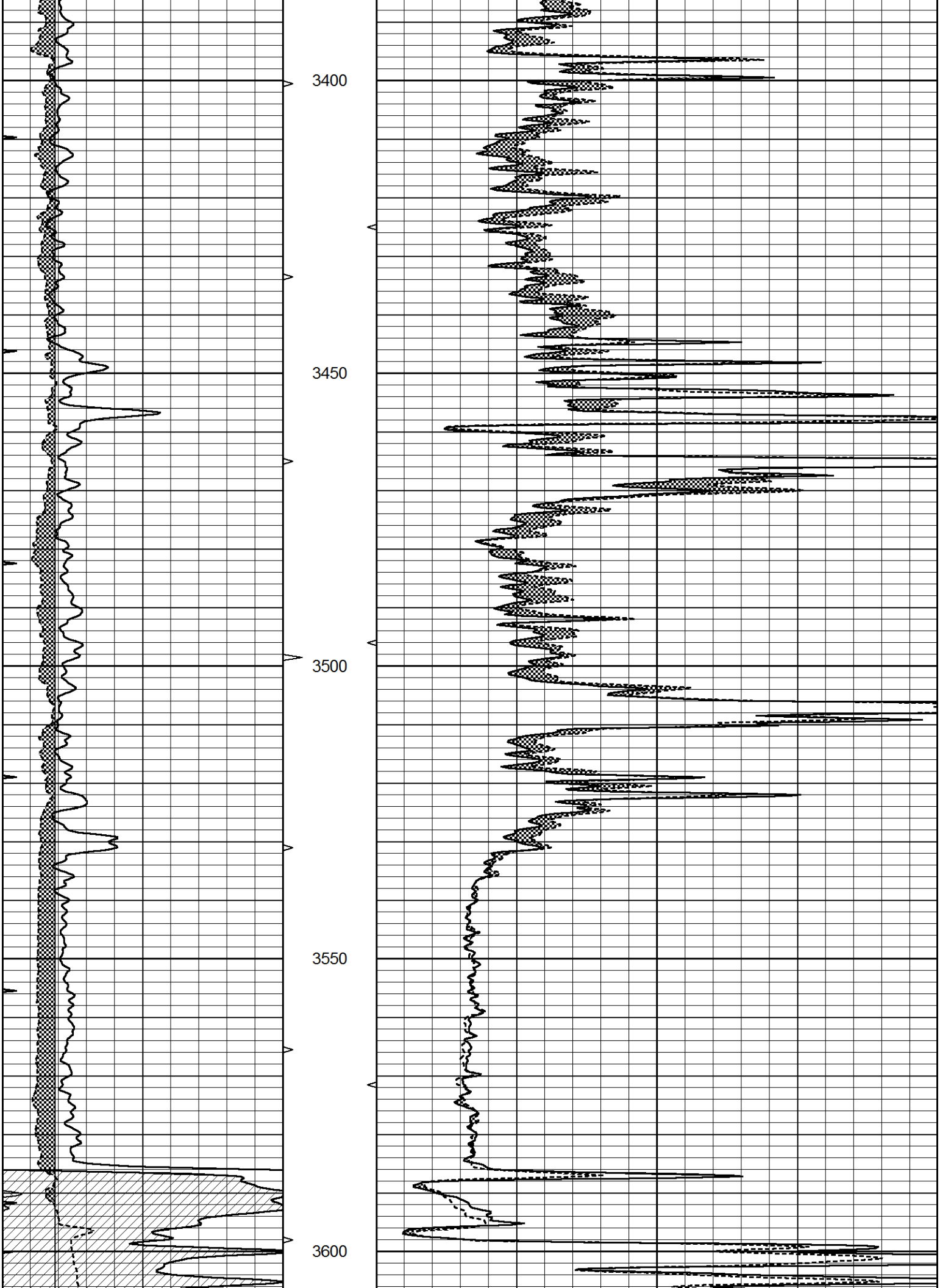
REPEAT SECTION

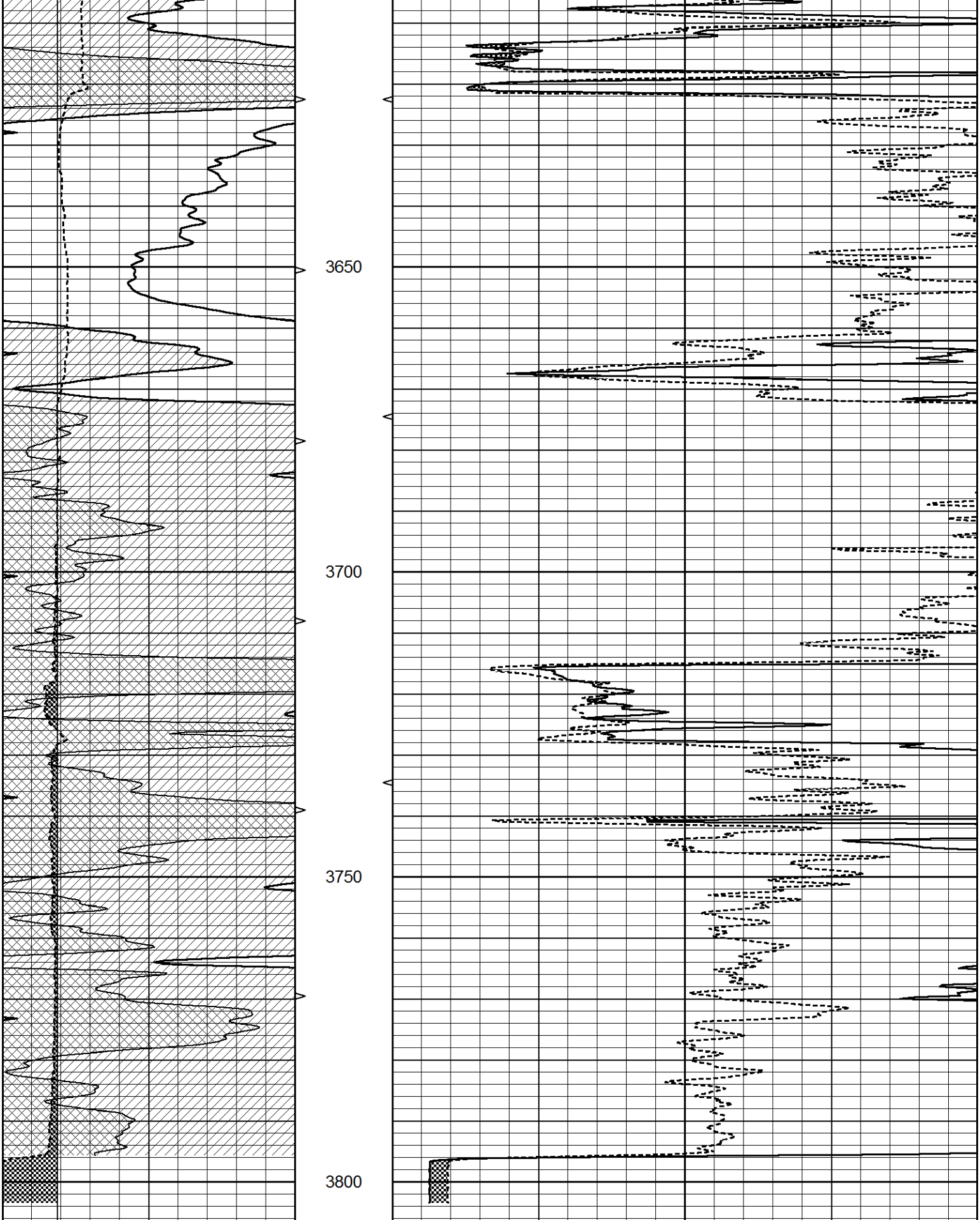
Database File	7654ddn.db
Dataset Pathname	pass5R

Presentation Format	_micro
Dataset Creation	Mon Mar 06 16:17:45 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		




3400
3450
3500
3550
3600



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 7654ddn.db
Dataset Pathname pass6D
Dataset Creation Mon Mar 06 16:48:04 2023

MICRO_USR Calibration Report

Serial Number: 070911
Tool Model: ProbeL
Performed: Thu Jan 19 05:57:00 2023

Caliper Calibration: Gain=4.500 Offset=0.330

	Low Cal	High Cal
References	8.000	14.000
Readings	1.451	3.049

1.5" Calibration: Gain=60.000 Offset=-0.500

	Low Cal	High Cal
References	0.000	20.000
Readings	0.004	0.843

2" Calibration: Gain=60.000 Offset=0.000

	Low Cal	High Cal
References	0.000	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 Mar 04 14:34:36 2023

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.2800 GAPI/cps