



**SUPERIOR
Hays,
Kansas**

**MICRO
LOG**

Company CAPTIVA II
Well EAKIN UNIT #4-7
Field WILDCAT
County PAWNEE State KANSAS

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Well EAKIN UNIT #4-7
Field WILDCAT
County PAWNEE
State KANSAS

Location: API #: 15-145-21642
1580' FNL & 607' FEL
SEC 7 TWP 22S RGE 16W
Permanent Datum GROUND LEVEL Elevation 2005
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL/SONIC
Elevation
K.B. 2016
D.F.
G.L. 2005

Date	6-18-11
Run Number	TWO
Depth Driller	4025
Depth Logger	4026
Bottom Logged Interval	4008
Top Log Interval	3000
Casing Driller	1027
Casing Logger	1027
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.4 / 54
pH / Fluid Loss	10.0 / 11.2
Source of Sample	FLOWLINE
Rm @ Meas. Temp	0.50 @ 98F
Rmf @ Meas. Temp	0.38 @ 98F
Rmc @ Meas. Temp	0.60 @ 98F
Source of Rmf / Rmc	MEASURED
Rm @ BHT	.430 @ 115F
Time Circulation Stopped	3 HOURS
Time Logger on Bottom	2:15 P.M.
Maximum Recorded Temperature	115F
Equipment Number	860
Location	HAYS, KS.
Recorded By	RUPP
Witnessed By	CHARLIE STURDAVANT

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: LARNED & #56, 1W, 1S, W INTO.



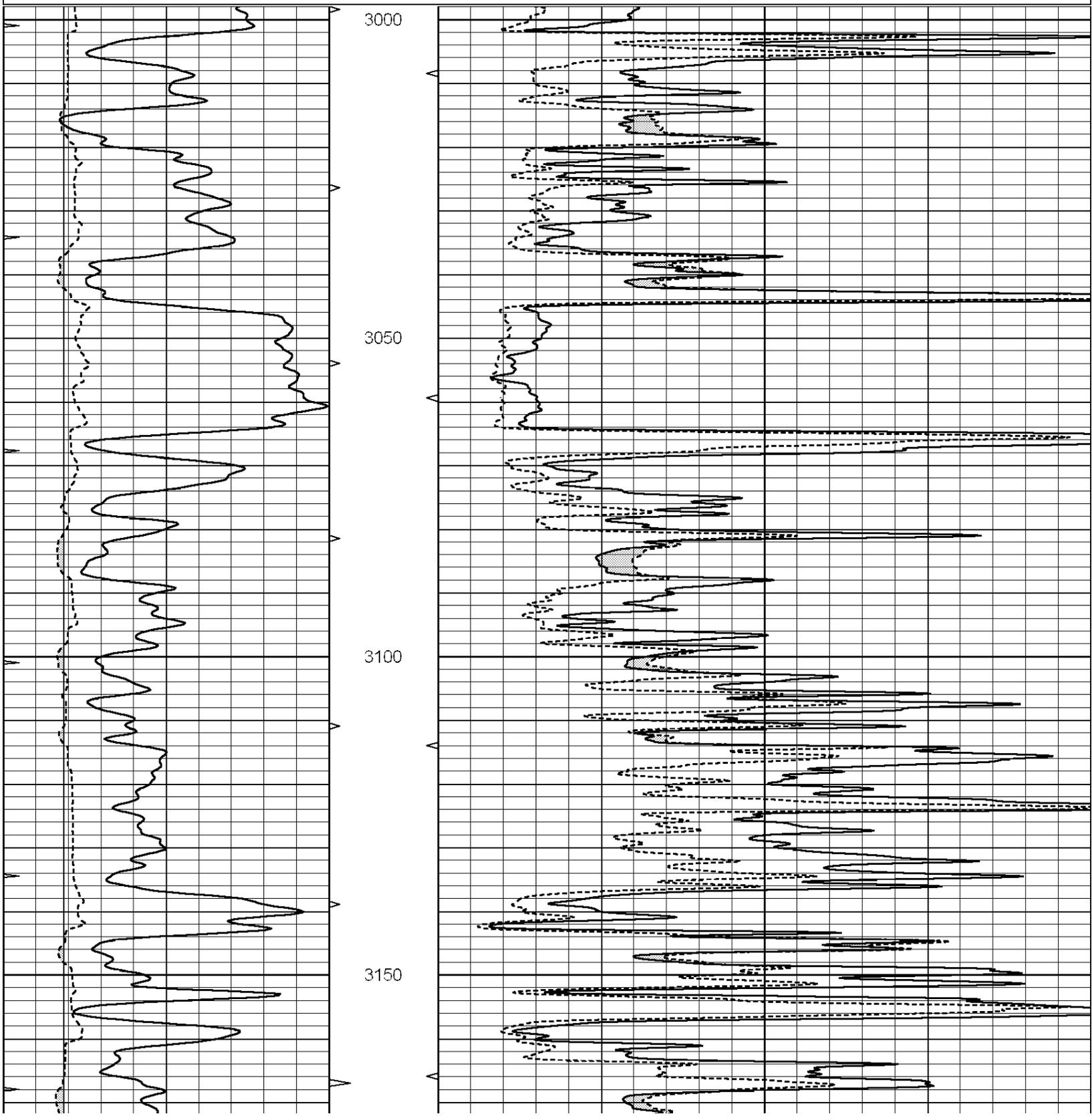
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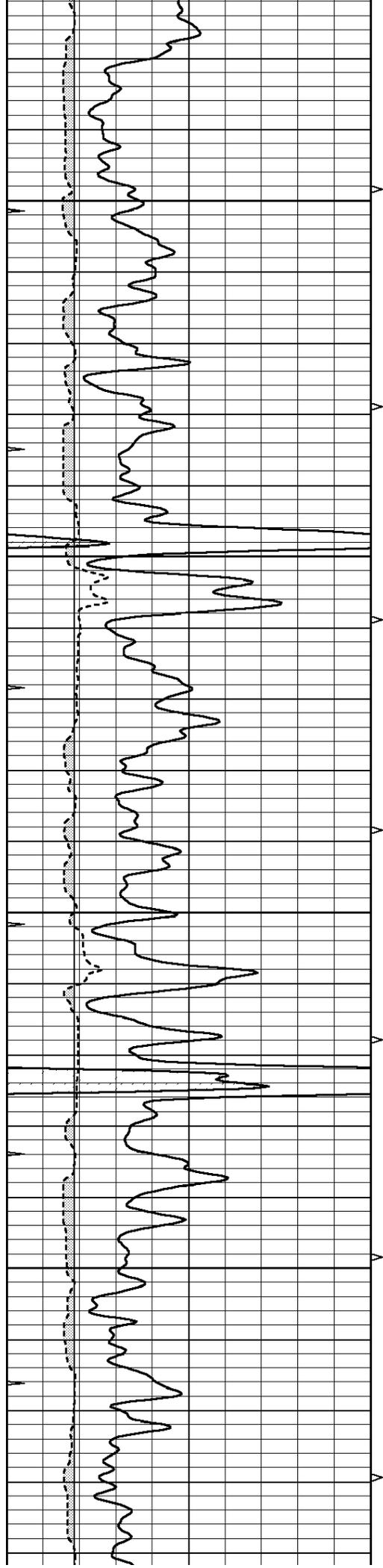
MAIN SECTION

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 Dataset Pathname: pass5.1
 Presentation Format: micro
 Dataset Creation: Sat Jun 18 18:28:08 2011 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40



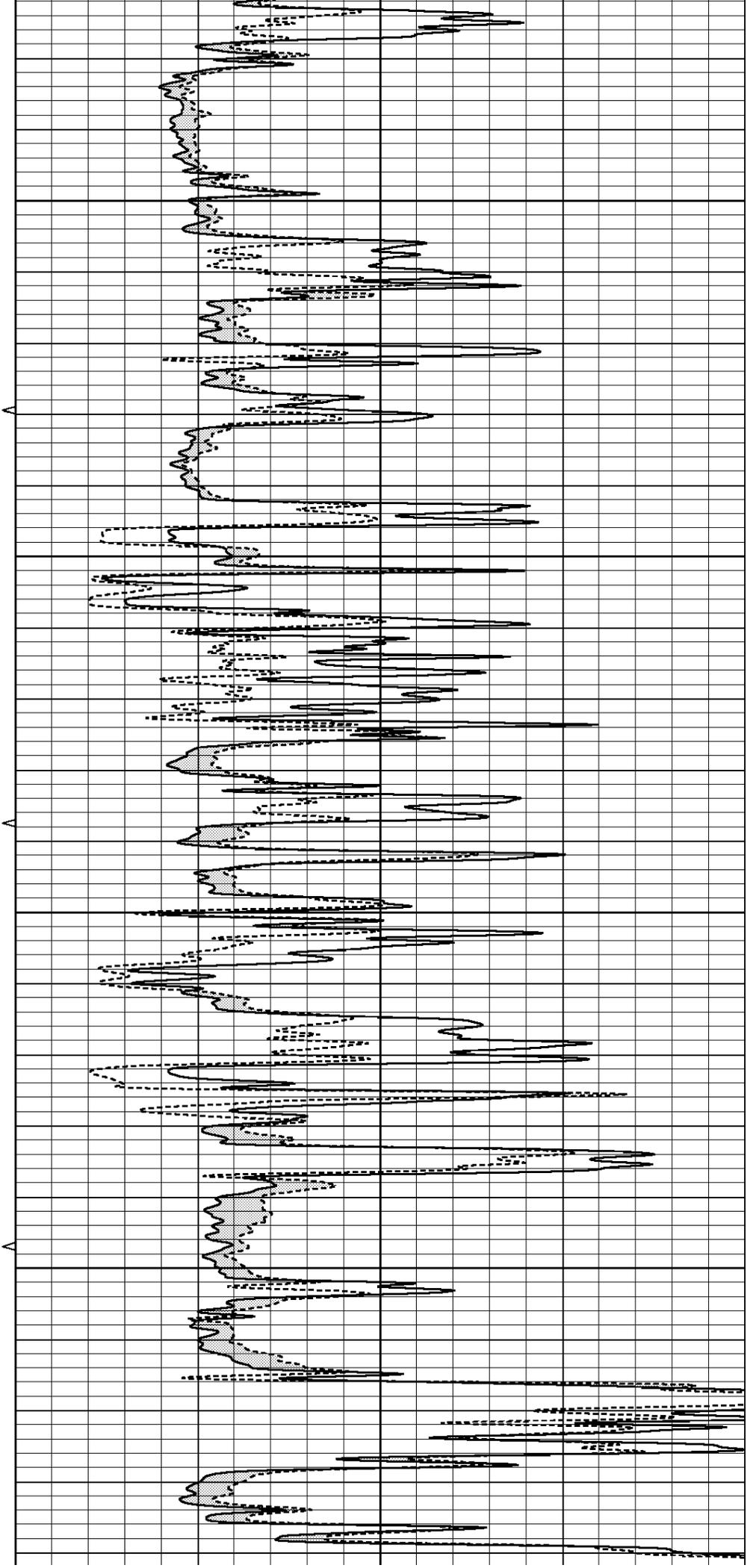


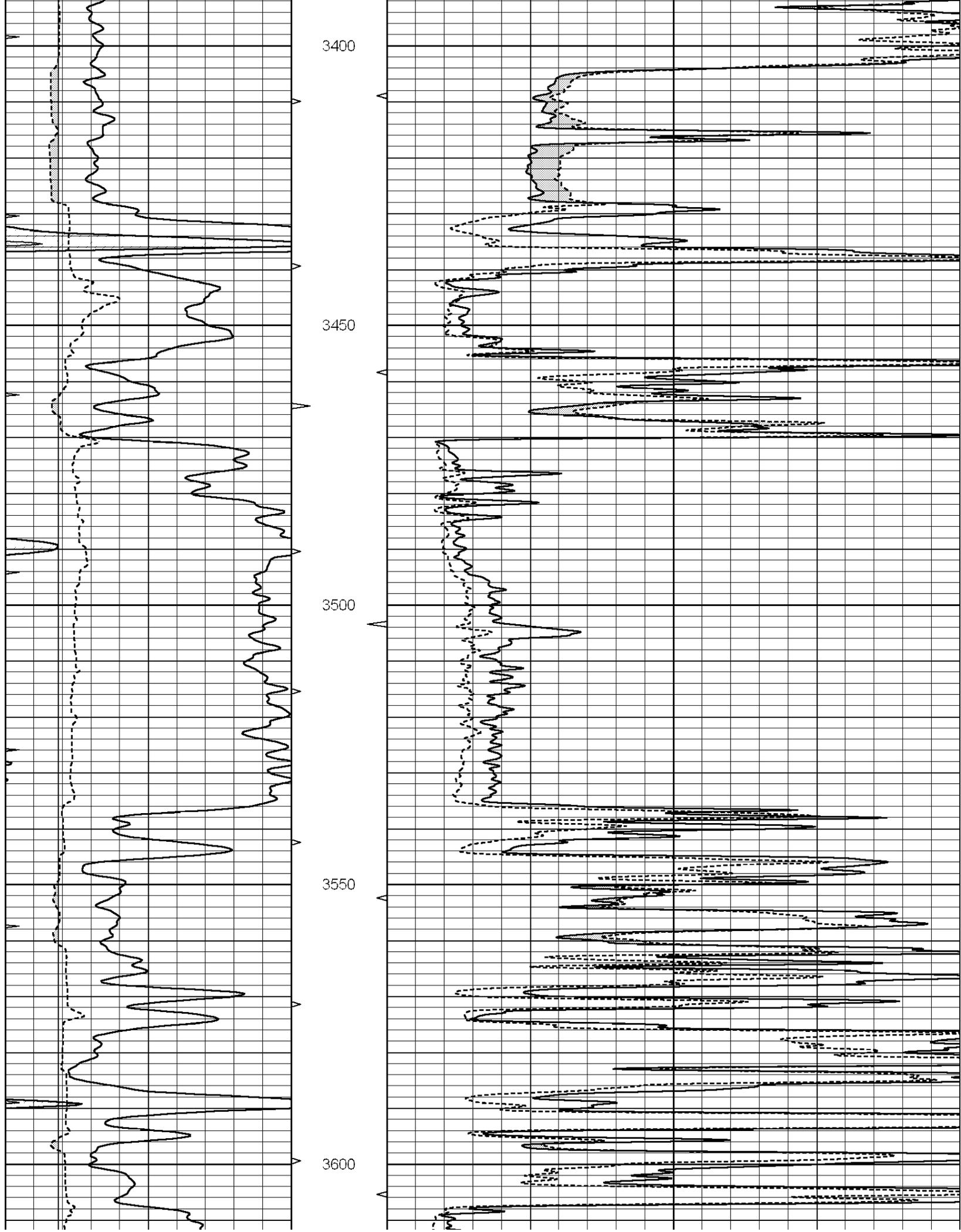
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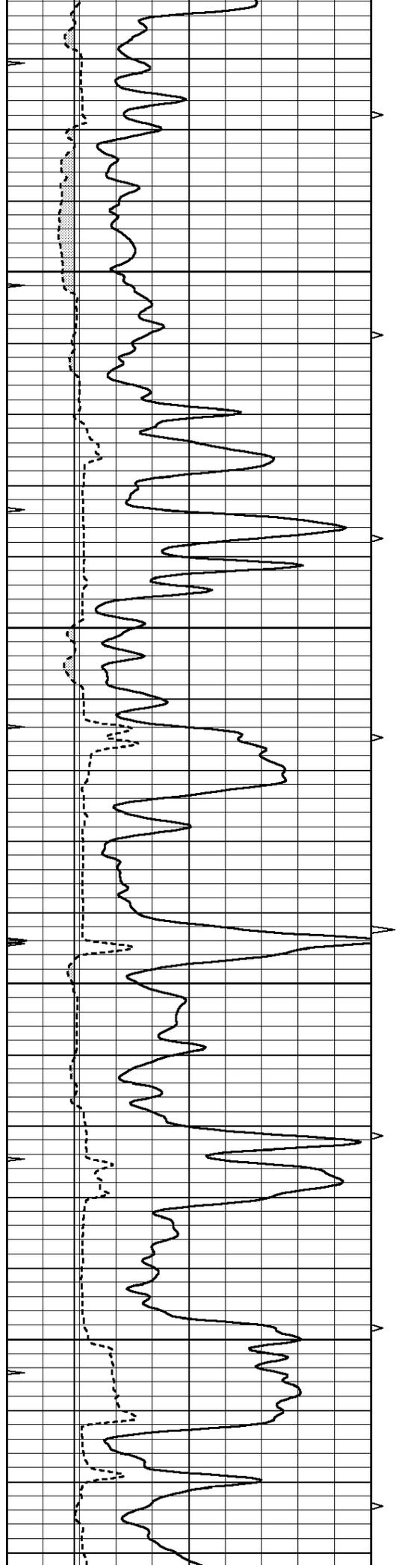
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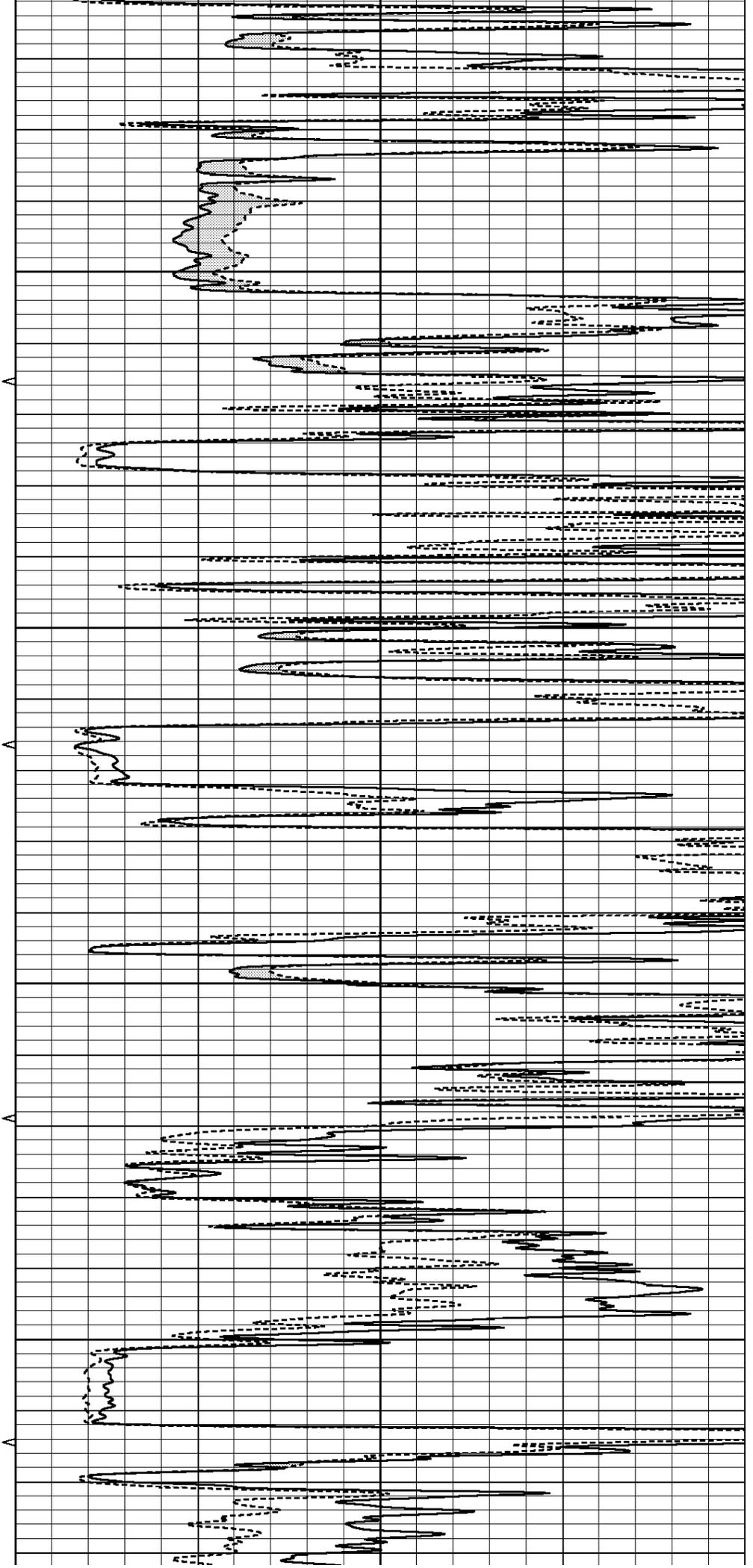


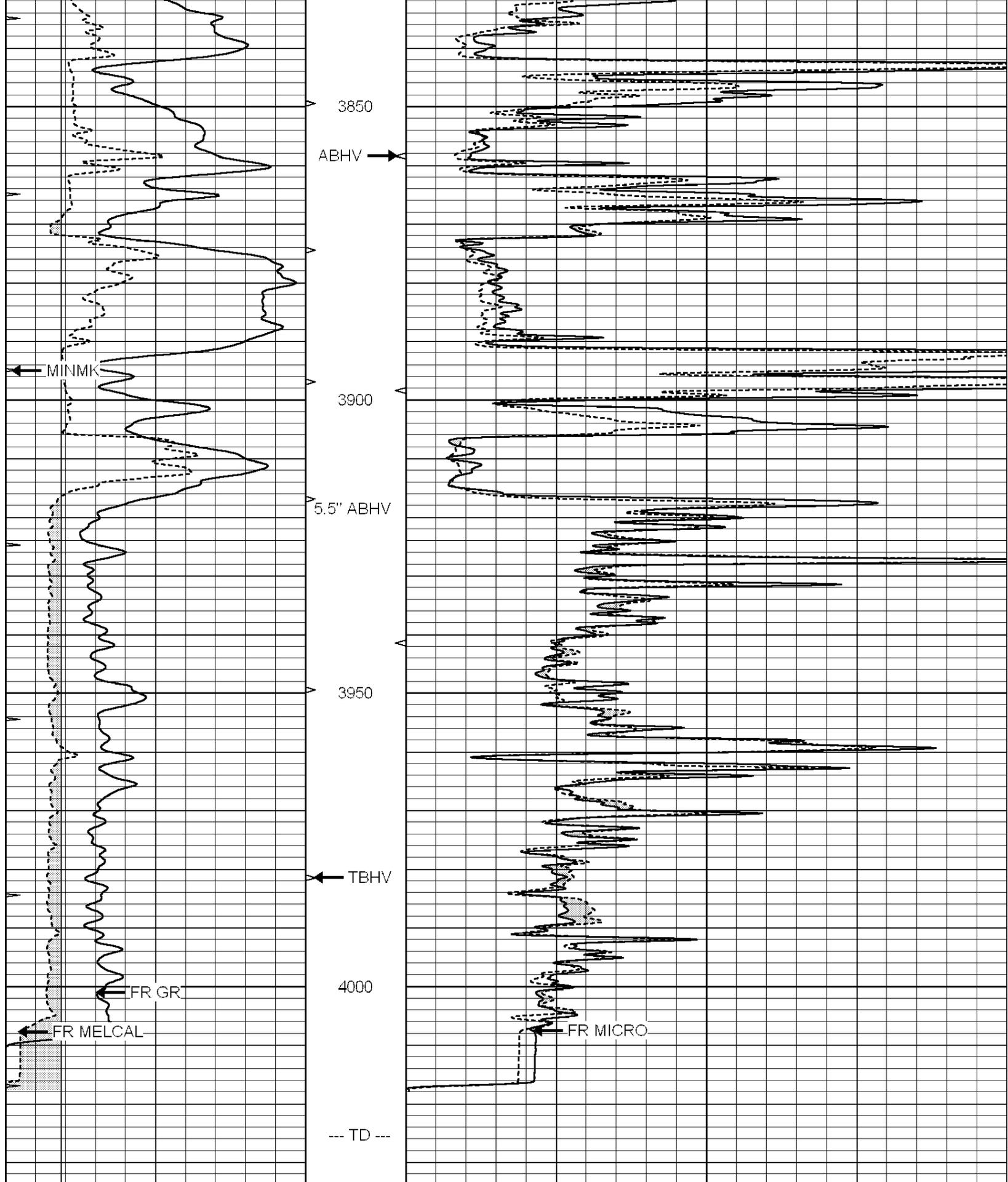
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3700

3750

3800





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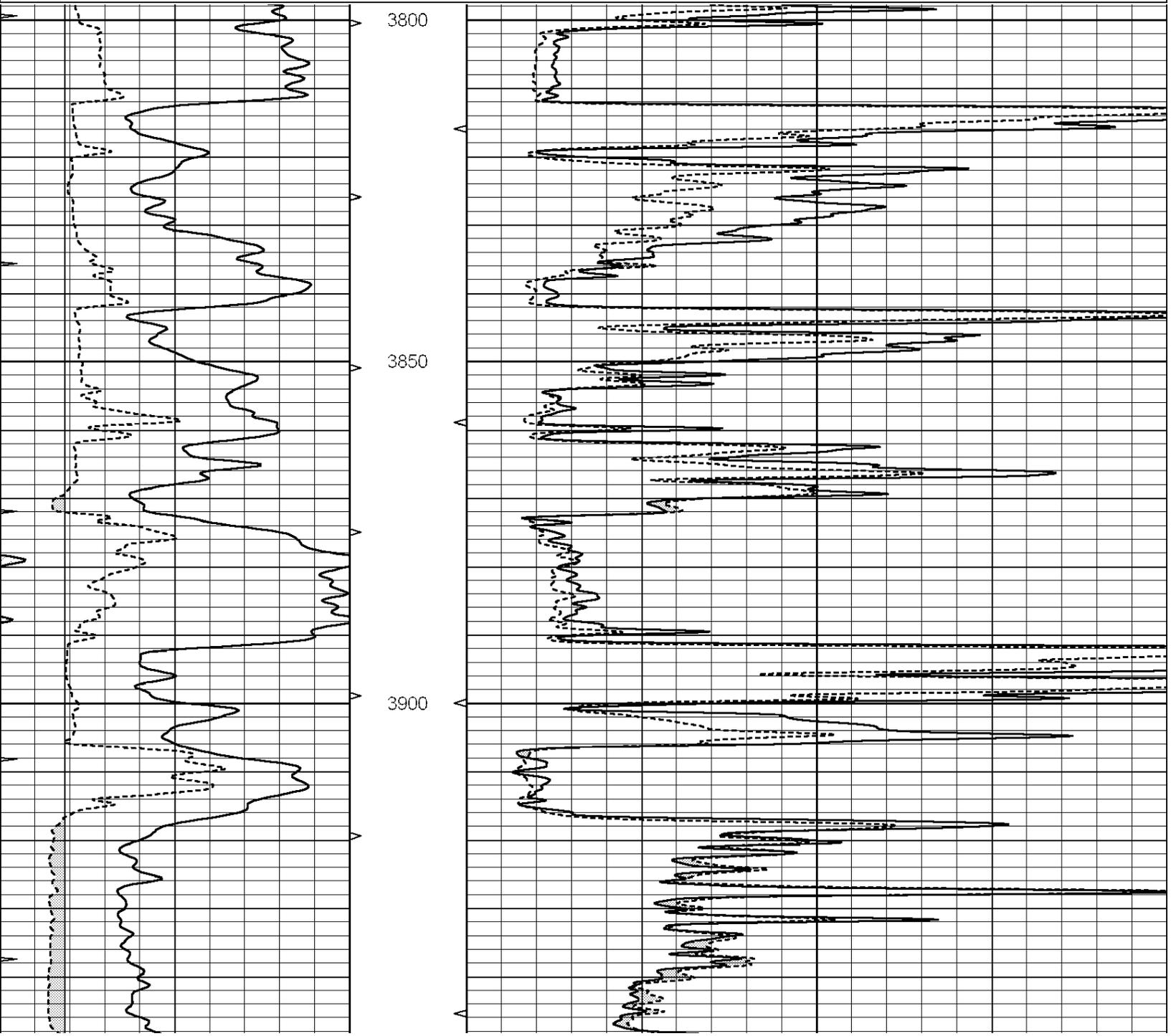
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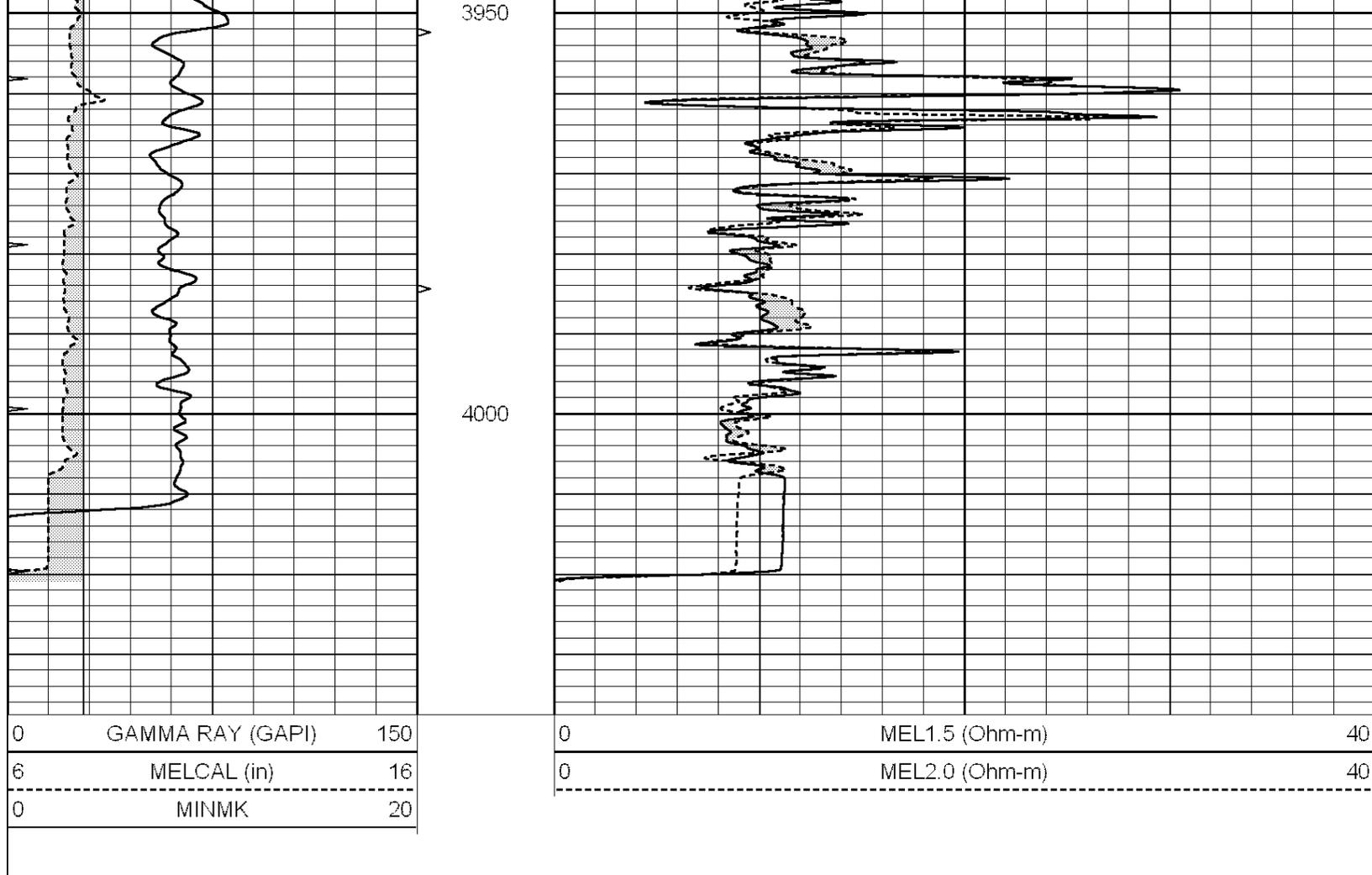
REPEAT SECTION

Database File: 006939ddn.db
Dataset Pathname: pass4.2
Presentation Format: micro
Dataset Creation: Sat Jun 18 17:29:01 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40





Calibration Report

Database File: 006939ddn.db
 Dataset Pathname: pass5.1
 Dataset Creation: Sat Jun 18 18:28:08 2011 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO4	
Tool Model:	PROBE	
Performed:	Sat Jun 18 17:20:11 2011	
Caliper Calibration:	Gain=2.242	Offset=-4.419
References	Low Cal	High Cal
Readings	7.800	14.000
	5.449	8.214
1.5" Calibration:	Gain=40.000	Offset=0.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.009	1.541
2" Calibration:	Gain=42.000	Offset=0.200
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.198

Gamma Ray Calibration Report

Serial Number:	GR5
Tool Model:	OPEN

Performed: Sat Jun 18 17:20:01 2011

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps

Calibrator Reading: 1.0 cps

Sensitivity: 0.6000 GAPI/cps