



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company **DOUBLE D'S LLC**
Well **REICHERT #2**
Field **MARTINA**
County **ELLIS** State **KANSAS**

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Location: **API # : 15-051-26508-00-00**
2050' FNL & 330' FEL
N2 - SE - SE - NE
SEC 23 TWP 15S RGE 19W
Permanent Datum **GROUND LEVEL** Elevation **1981**
Log Measured From **KELLY BUSHING 7' A.G.L.**
Drilling Measured From **KELLY BUSHING**

Other Services
CNL/CDL
DIL/SONIC

Elevation

K.B. 1988
D.F. 1986
G.L. 1981

Date	4-15-13
Run Number	TW0
Depth Driller	3678
Depth Logger	3679
Bottom Logged Interval	3660
Top Log Interval	2900
Casing Driller	1163
Casing Logger	1162
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.1 / 53
pH / Fluid Loss	10.5 / 7.4
Source of Sample	FLOWLINE
Rim @ Meas. Temp	0.60 @ 72F
Rmf @ Meas. Temp	0.45 @ 72F
Rmc @ Meas. Temp	0.72 @ 72F
Source of Rmf / Rmc	MEASURED
Rim @ BHT	0.38 @ 113F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	
Maximum Recorded Temperature	113F
Equipment Number	860
Location	HAYS, KS.
Recorded By	IAN MABB
Witnessed By	DUANE BEIKER

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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

NABORS PRODUCTION & COMPLETION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: ANTONINO, KS. - 3 1/2 MILES SOUTH - WEST INTO

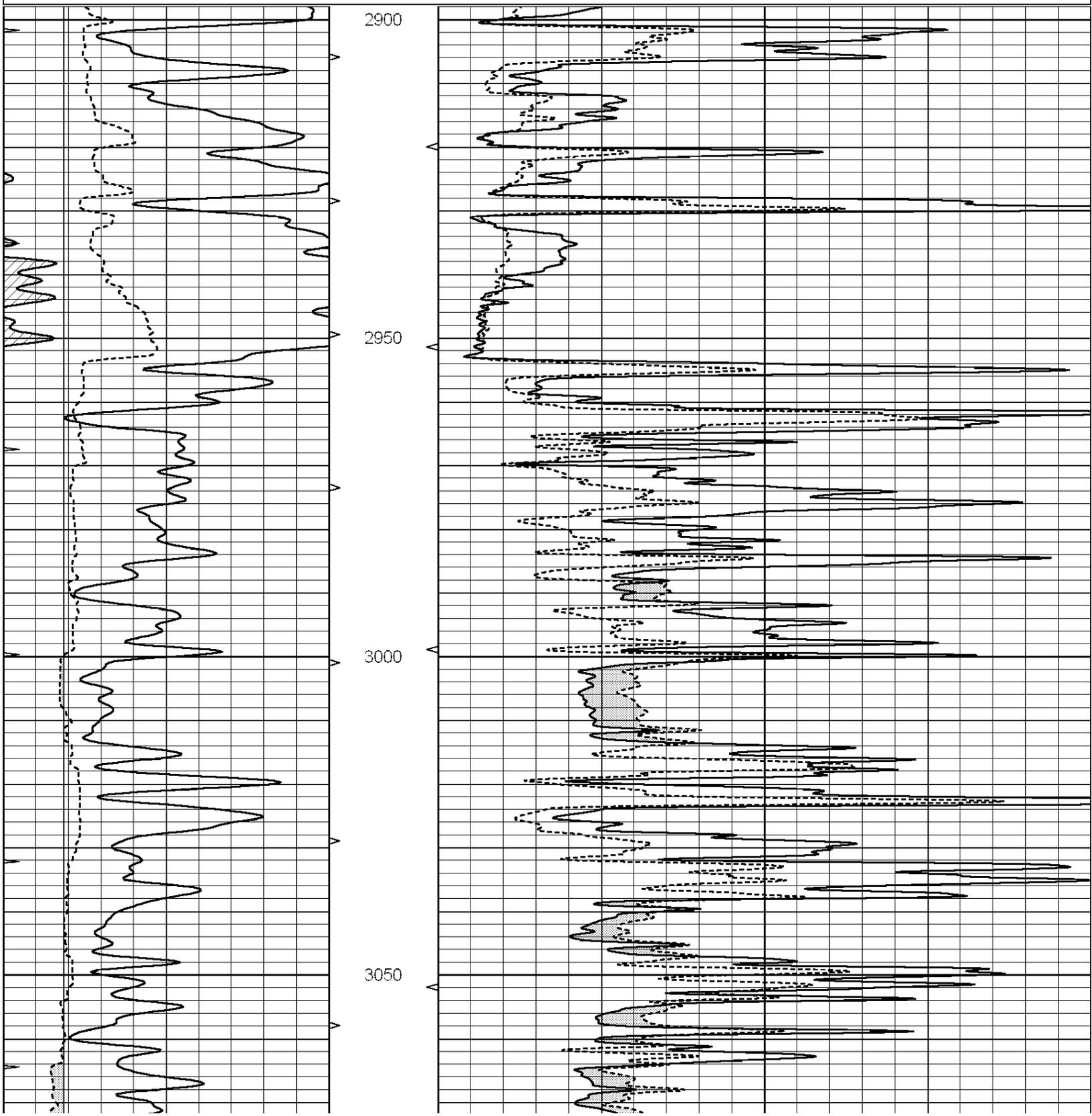


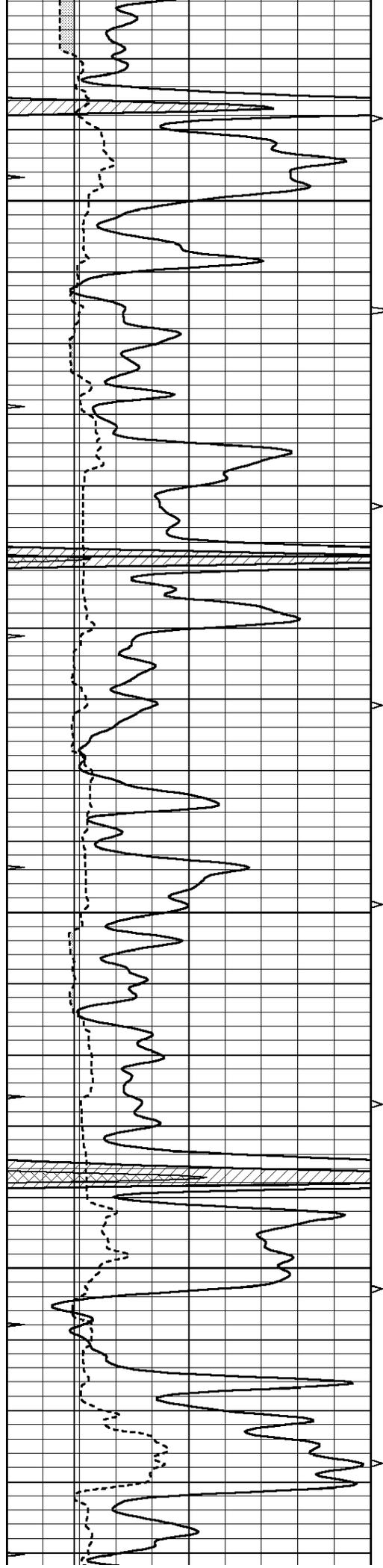
**COMPLETION
& PRODUCTION**

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 Presentation Format: _micro
 Dataset Creation: Tue Apr 16 04:10:40 2013 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



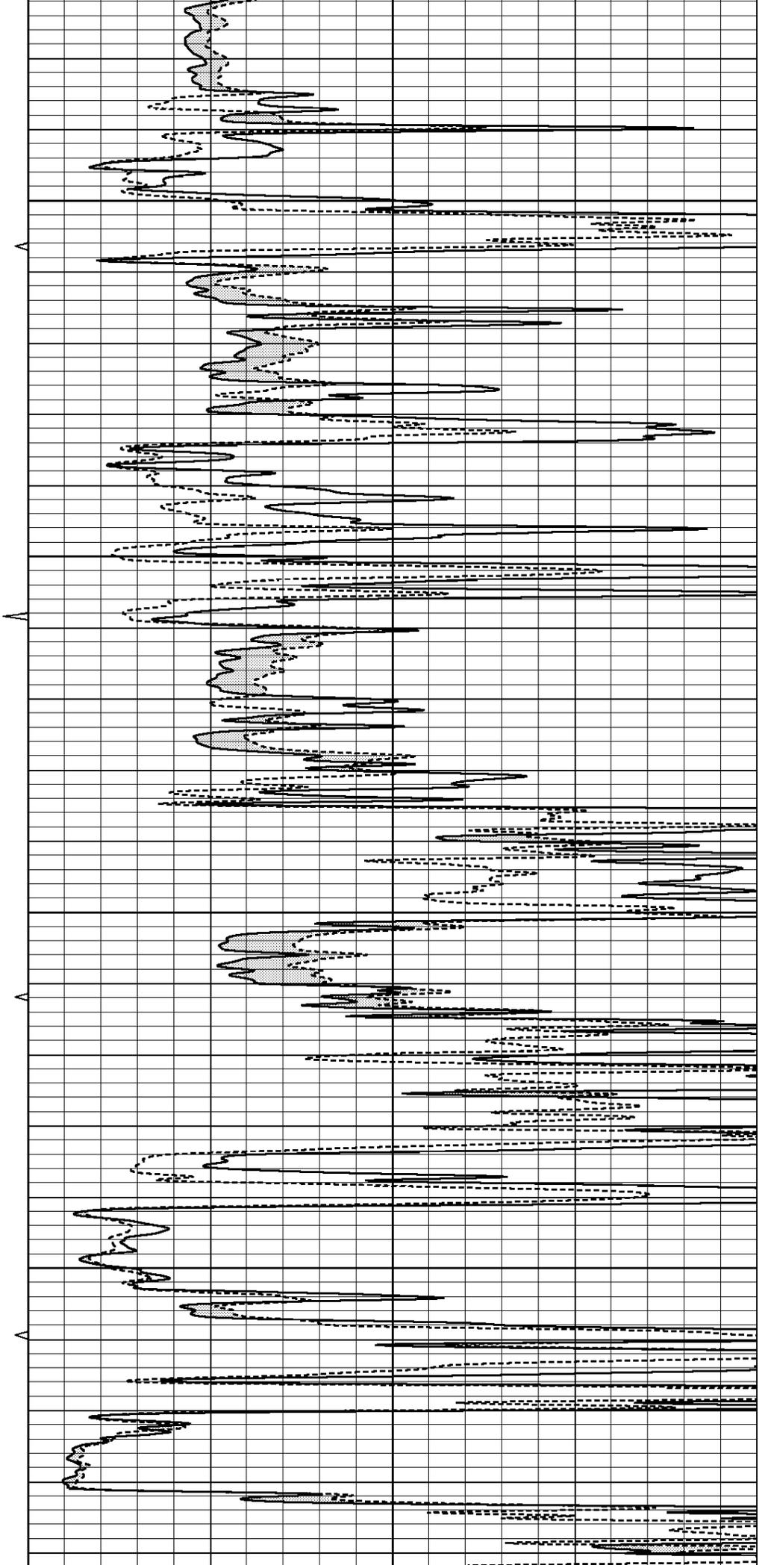


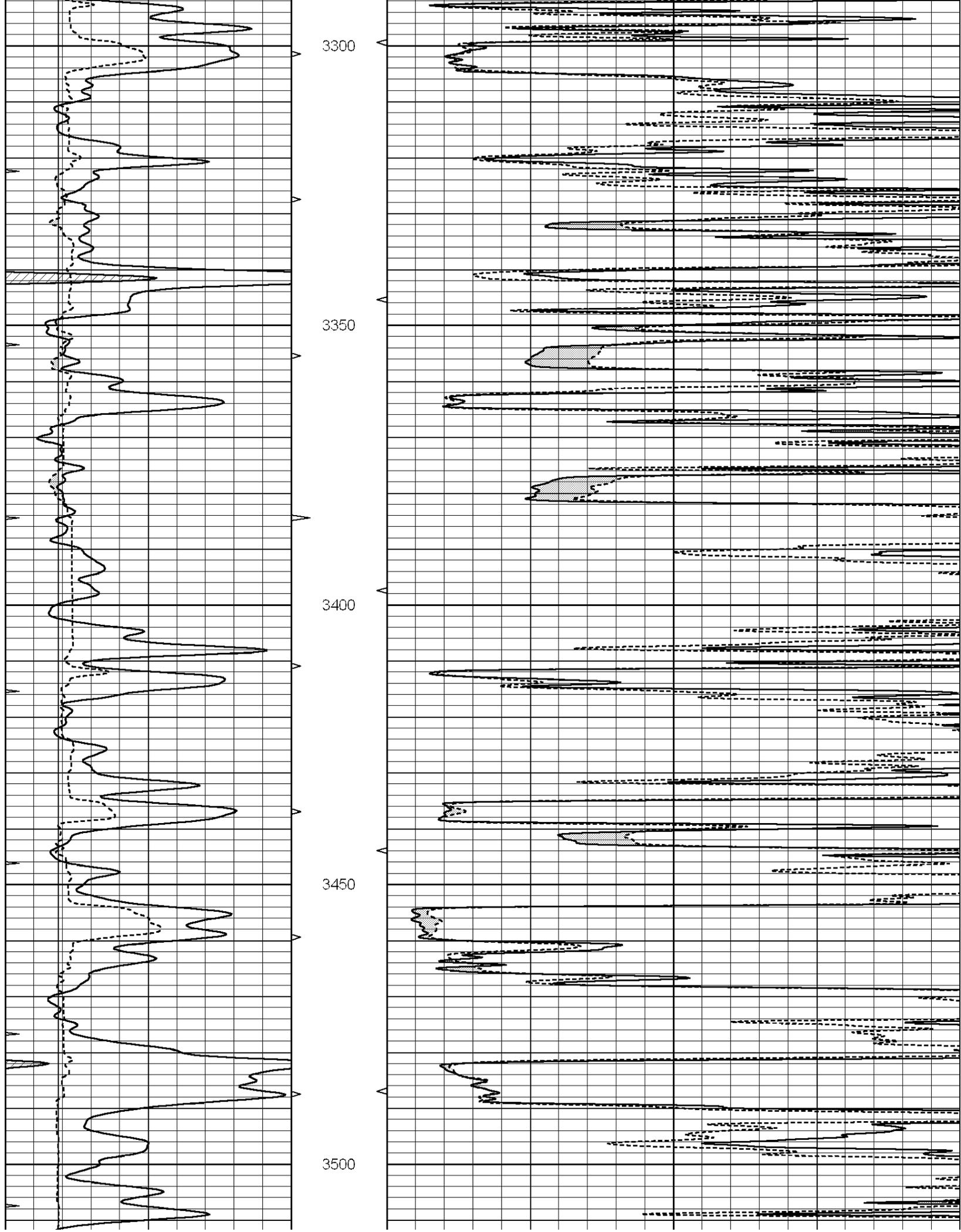
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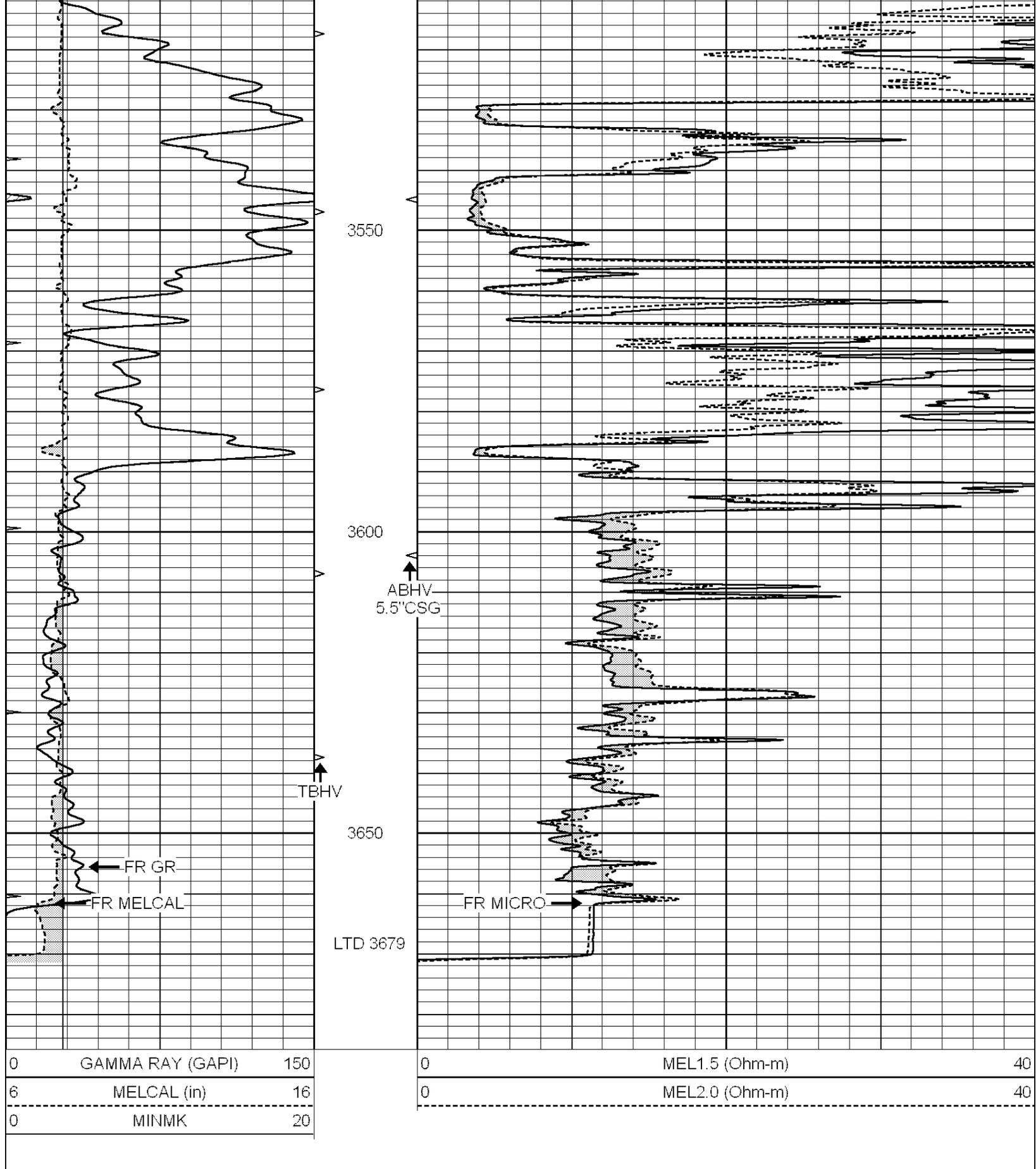
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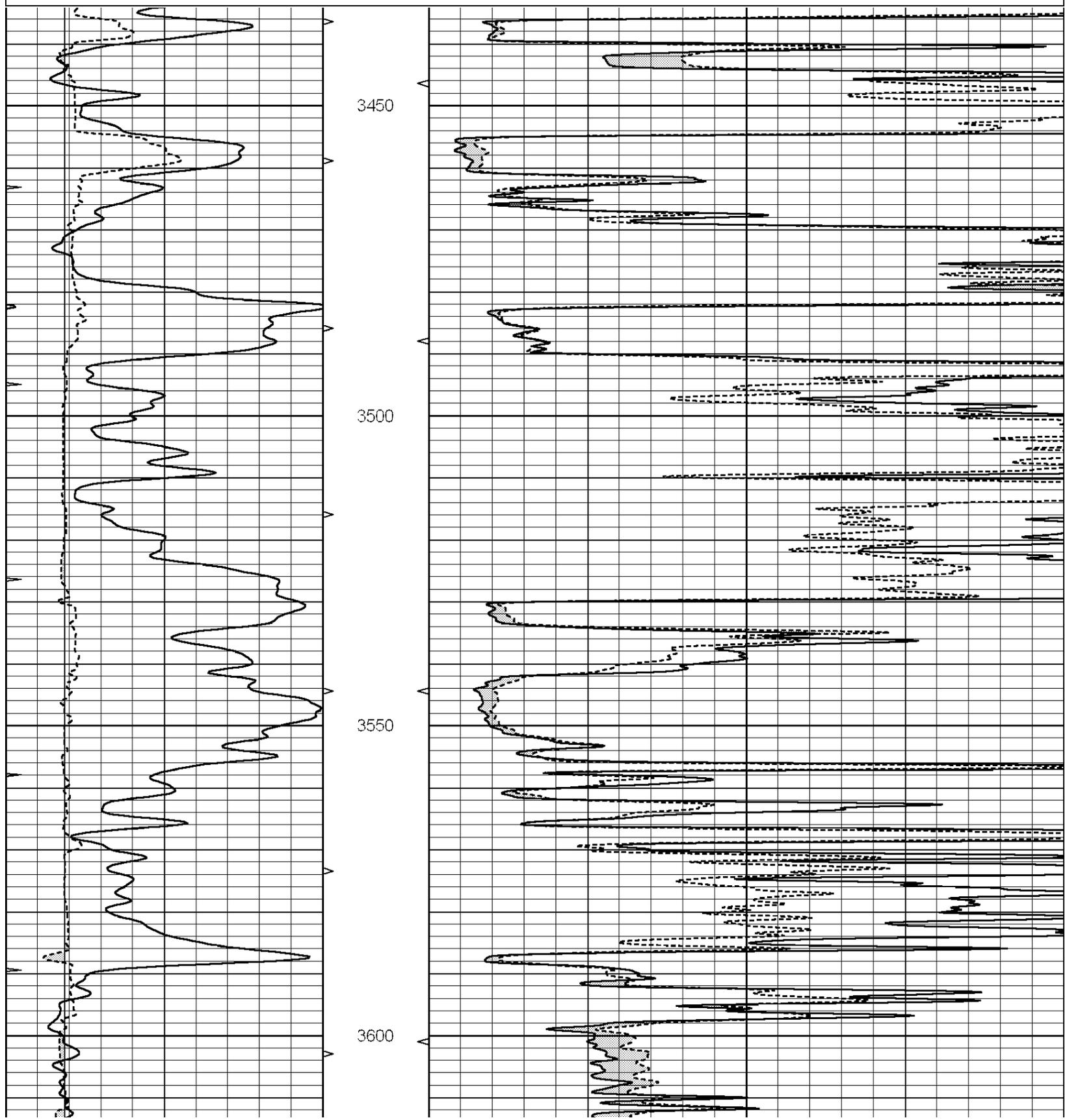


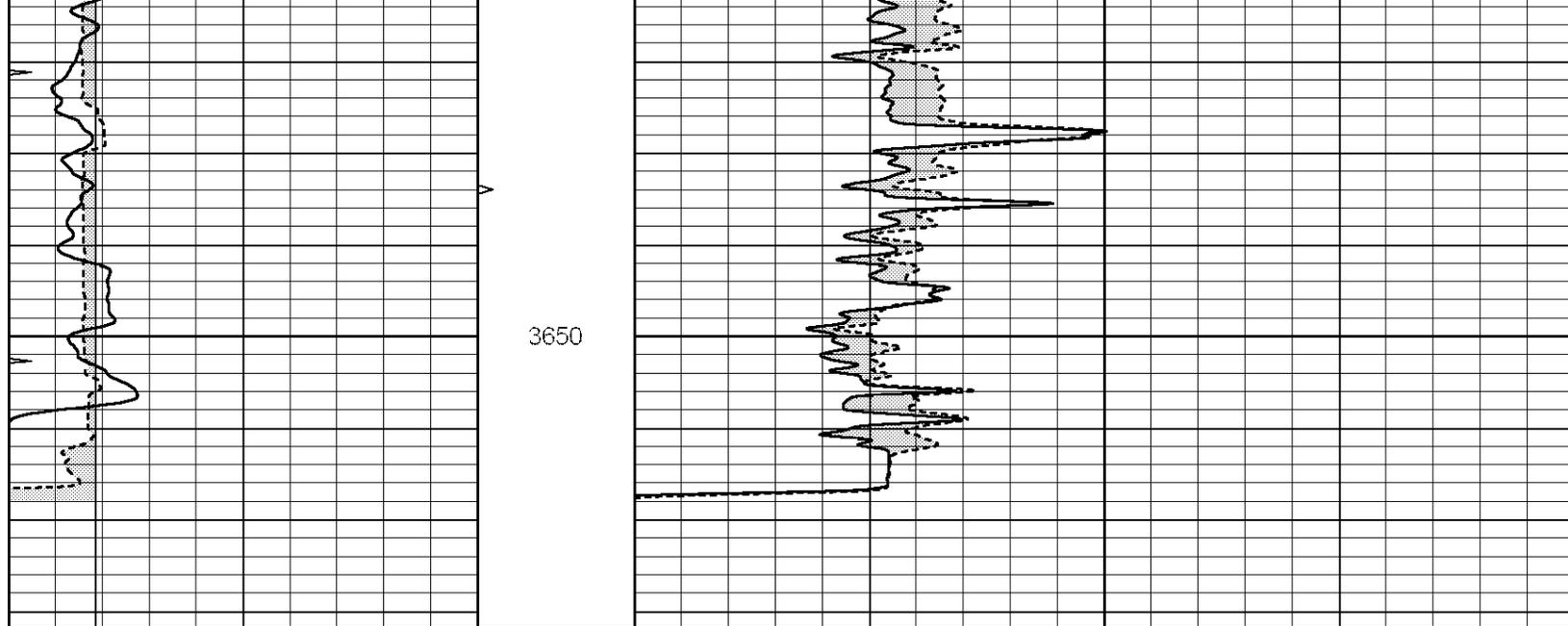




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0	GAMMA RAY (GAPI)	150	0	MEL1.5 (Ohm-m)	40
6	MELCAL (in)	16	0	MEL2.0 (Ohm-m)	40
0	MINMK	20			





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: 010986ddn.db
 Dataset Pathname: pass11.1
 Dataset Creation: Tue Apr 16 04:10:40 2013 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO4	
Tool Model:	PROBE	
Performed:	Wed Mar 13 02:48:46 2013	
Caliper Calibration:	Gain=2.675	Offset=-6.337
References	Low Cal 8.600	High Cal 14.000
Readings	5.584	7.602
1.5" Calibration:	Gain=40.000	Offset=-1.500
References	Low Cal 0.000	High Cal 20.000
Readings	0.009	1.541
2" Calibration:	Gain=45.000	Offset=-0.300
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	1.198

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Mon Apr 15 05:00:24 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity:

2.7000

GAPI/cps