



SUPERIOR
Hays,
Kansas

MICRO LOG

Company CAERUS KANSAS, LLC.		Company CAERUS KANSAS, LLC.	
Well MORTIMER #31-32 B		Well MORTIMER #31-32 B	
Field SETTE		Field SETTE	
County BARTON		County BARTON	
State KANSAS		State KANSAS	
Location: 1650' FNL & 1650' FEL		API # : 15-009-25736-0000	
SEC 31 TWP 17S RGE 13W		Other Services CDL/CNL/PE DIL/SON	
Permanent Datum	GROUND LEVEL	Elevation	1860
Log Measured From	KELLY BUSHING 10' A.G.L.	K.B. 1870	
Drilling Measured From	KELLY BUSHING	D.F. 1868	
		G.L. 1860	
Date	8/19/12		
Run Number	TWO		
Depth Driller	3550		
Depth Logger	3552		
Bottom Logged Interval	3534		
Top Log Interval	2700		
Casing Driller	8 5/8" @ 825		
Casing Logger	825		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM	
Density / Viscosity	9.4/44		
pH / Fluid Loss	9.0/9.8		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	0.80 @ 81F		
Rinf @ Meas. Temp	0.60 @ 81F		
Rinc @ Meas. Temp	0.96 @ 81F		
Source of Rinf / Rinc	MEASURED		
Rin @ BHT	.57 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	112F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JUSTIN CARTER		

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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 SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
HOISINGTON, KS. - W. TO CURVE - FOLLOW CURVE N. 1/4 MILE - W. INTO

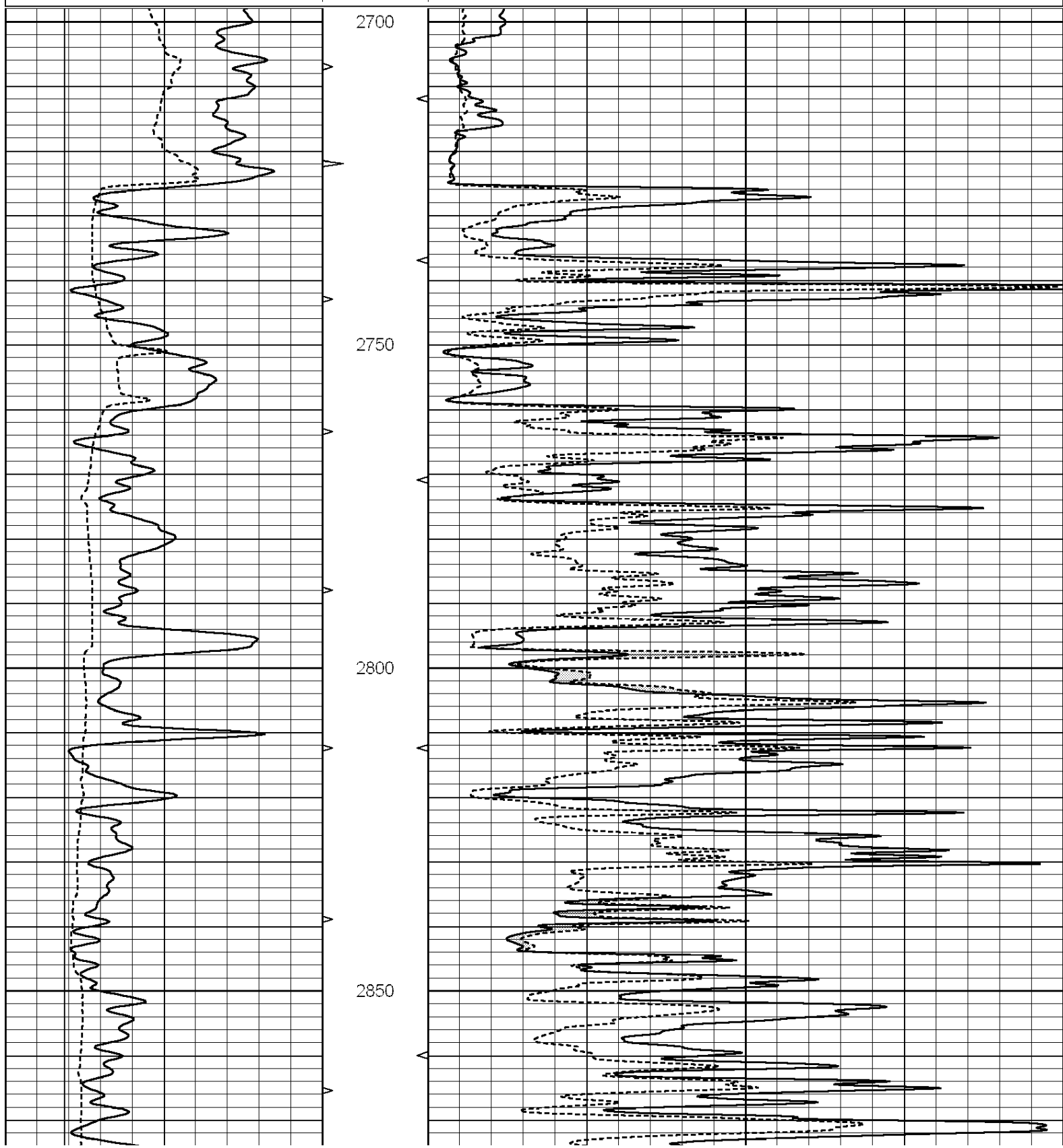


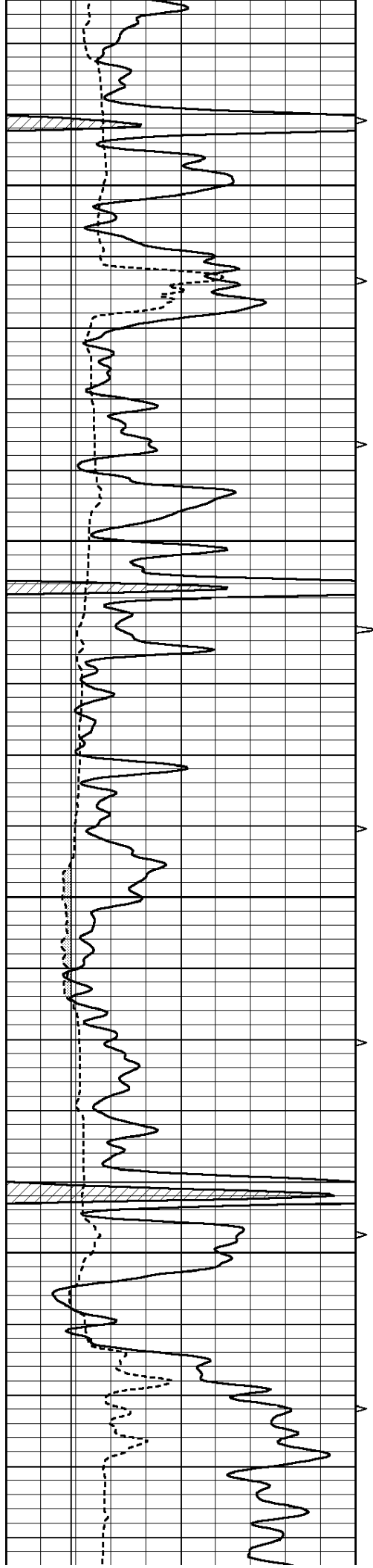
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MAIN SECTION

Database File: 009584ddn.db
Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Sun Aug 19 05:14:26 2012 by Calc Open-Cased 090629
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
			TBHV			
			0 (ft3)	10		



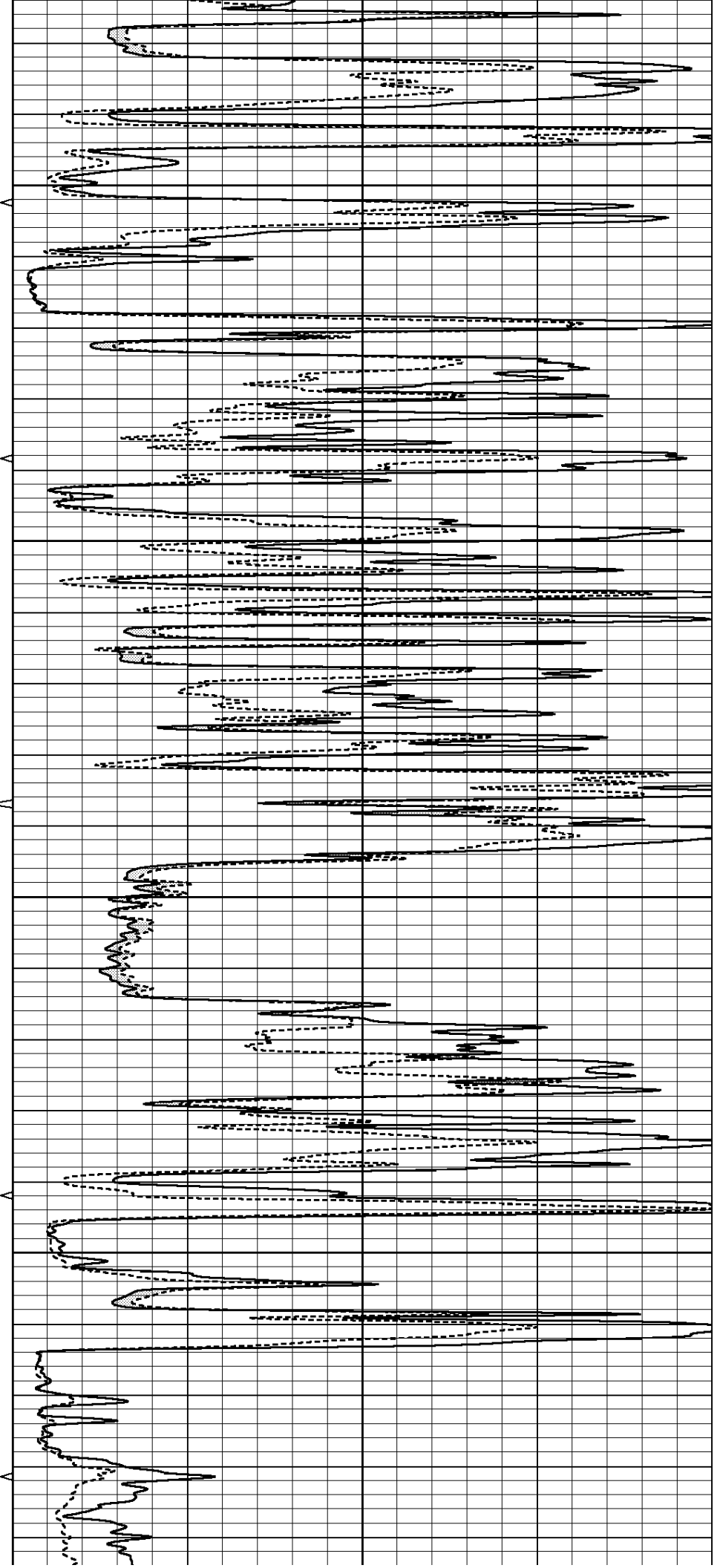


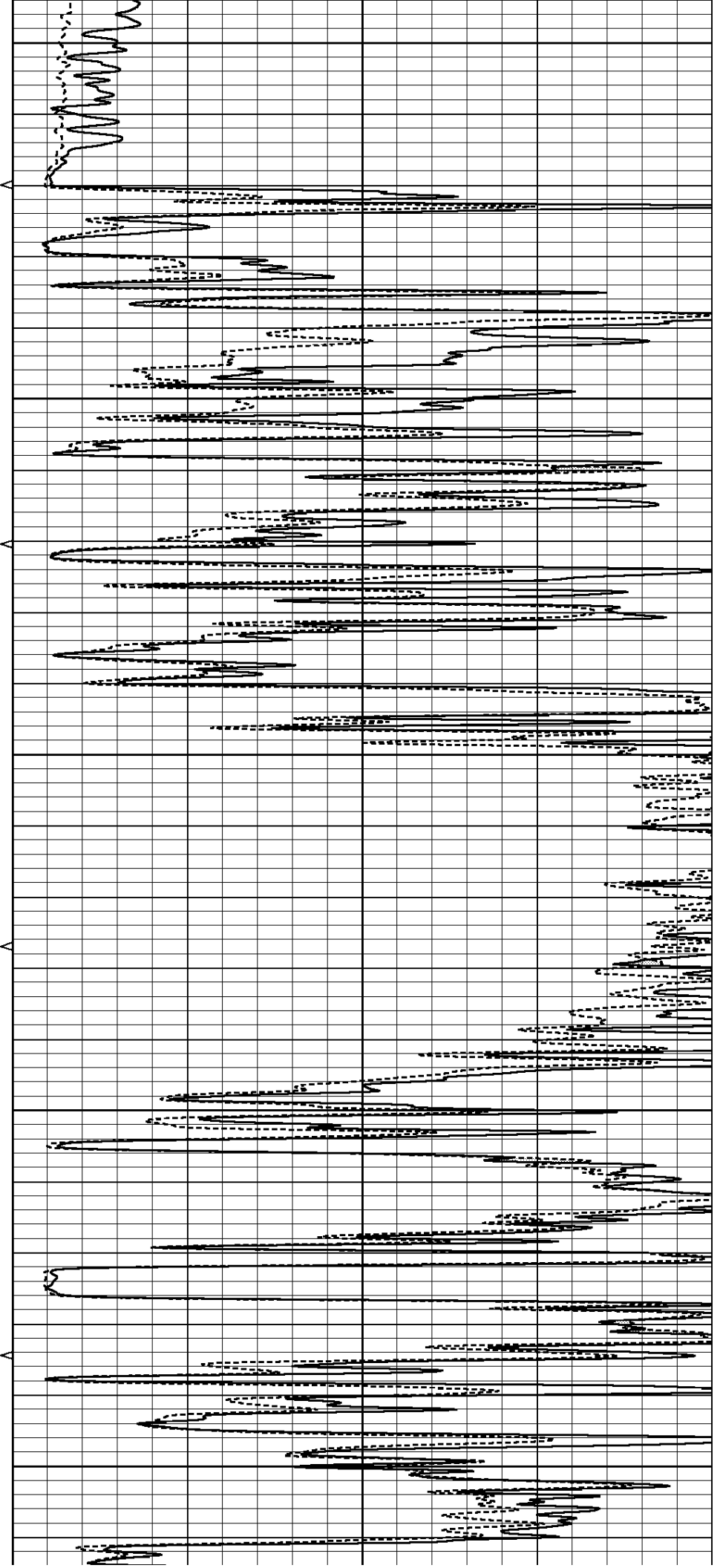
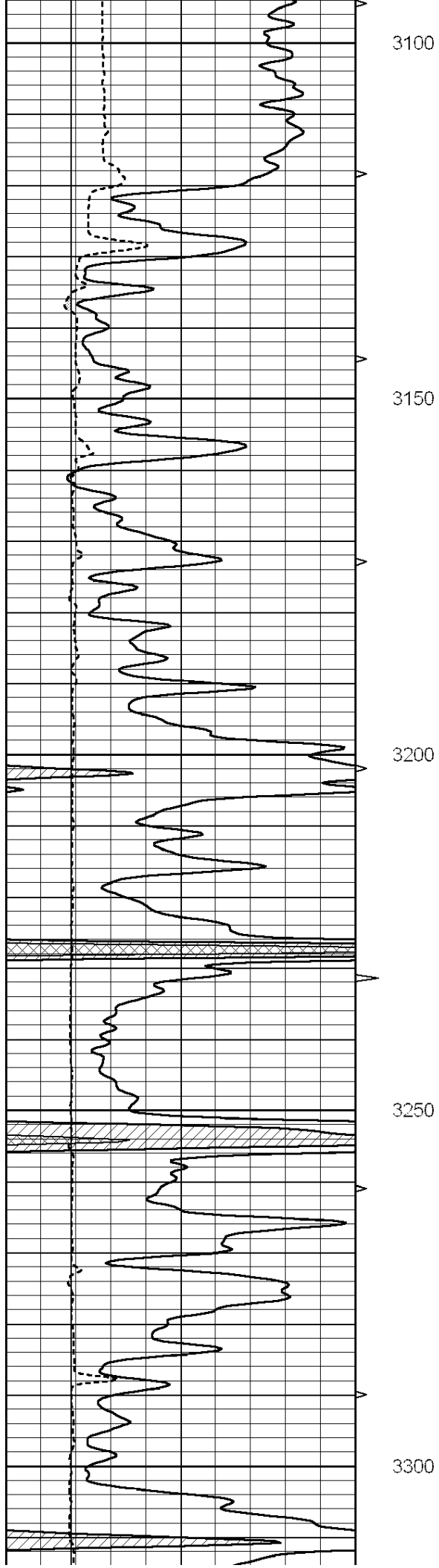
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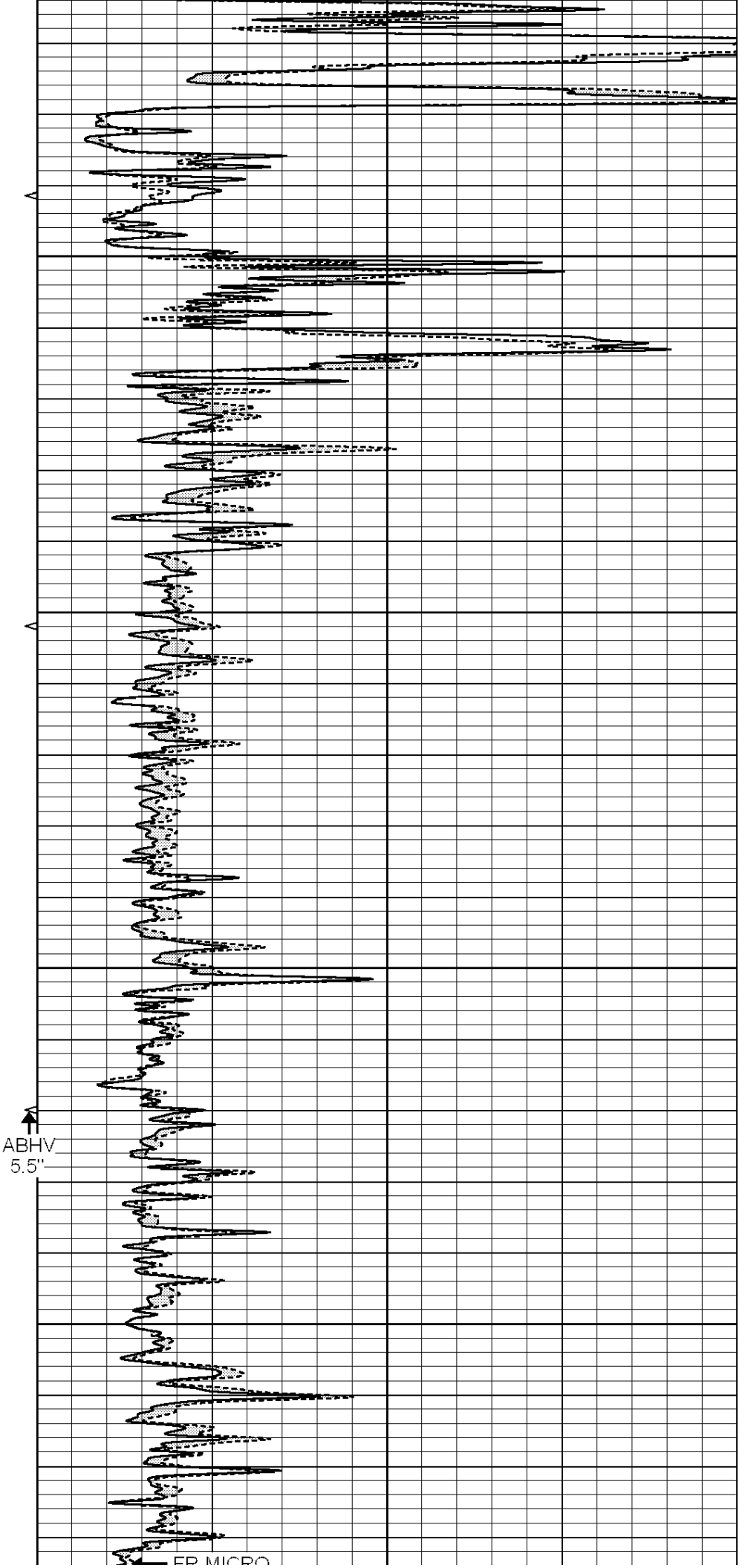
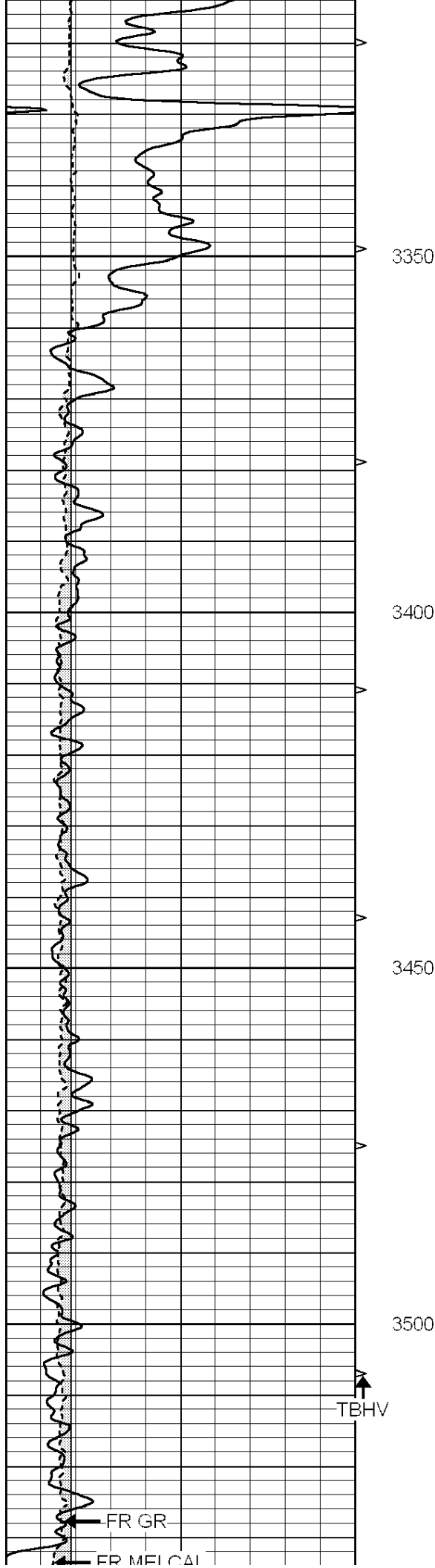
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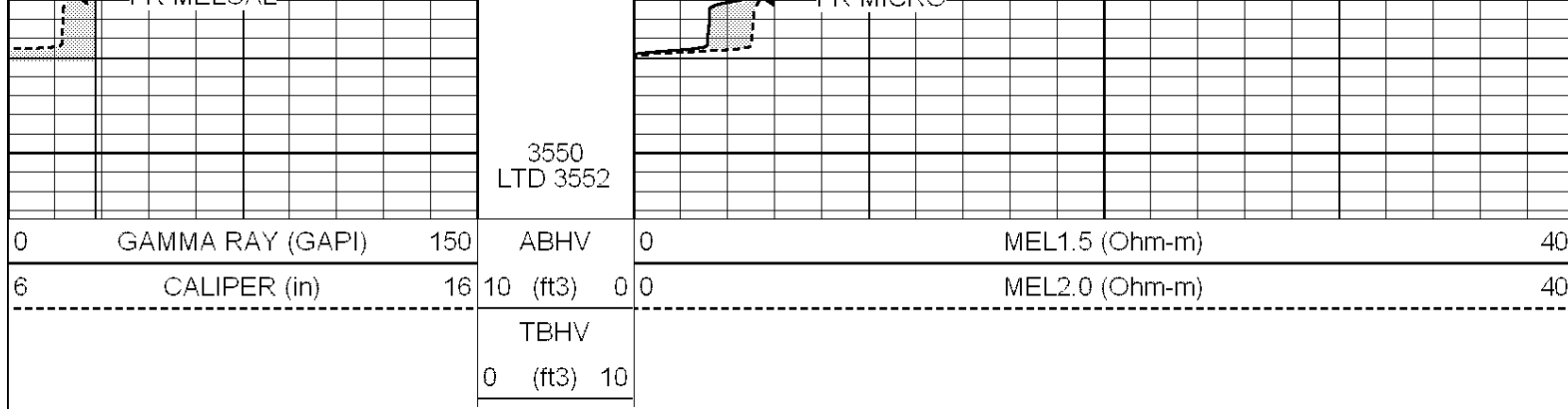
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3050





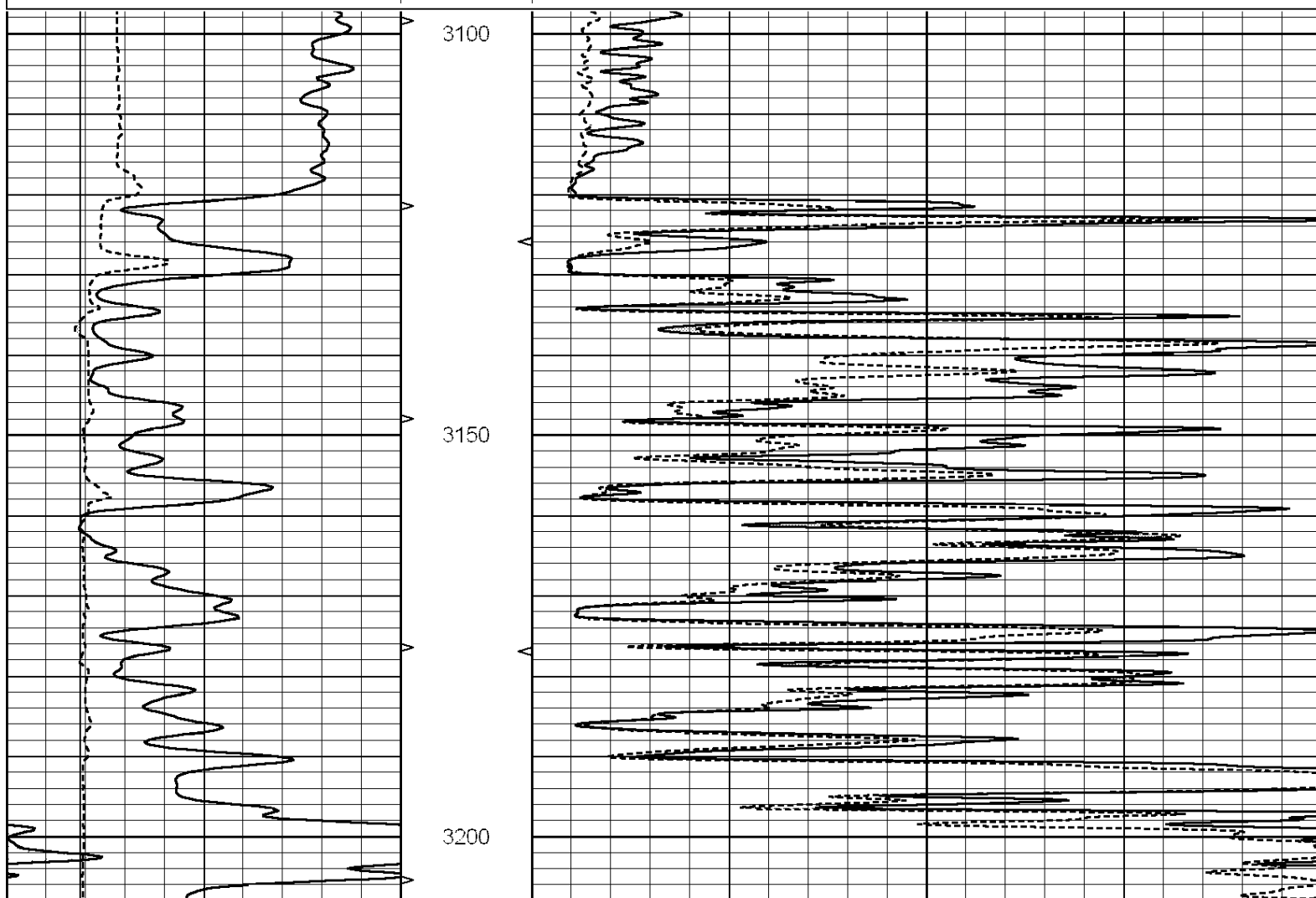
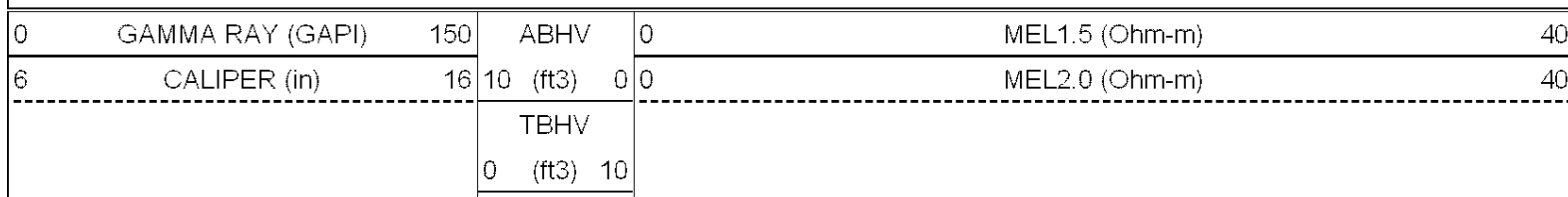


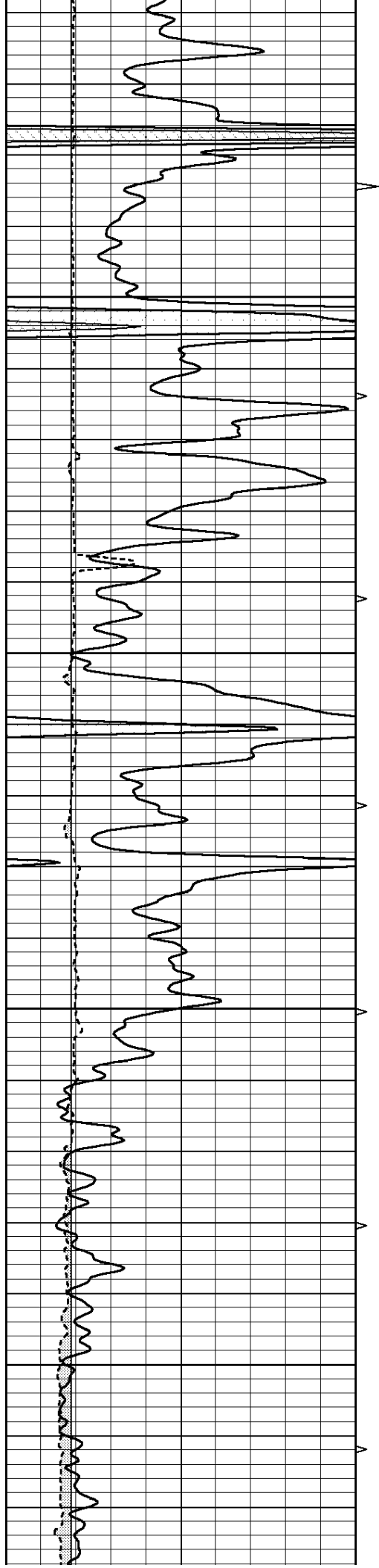


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REPEAT SECTION

Database File: 009584ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Sun Aug 19 05:04:50 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240



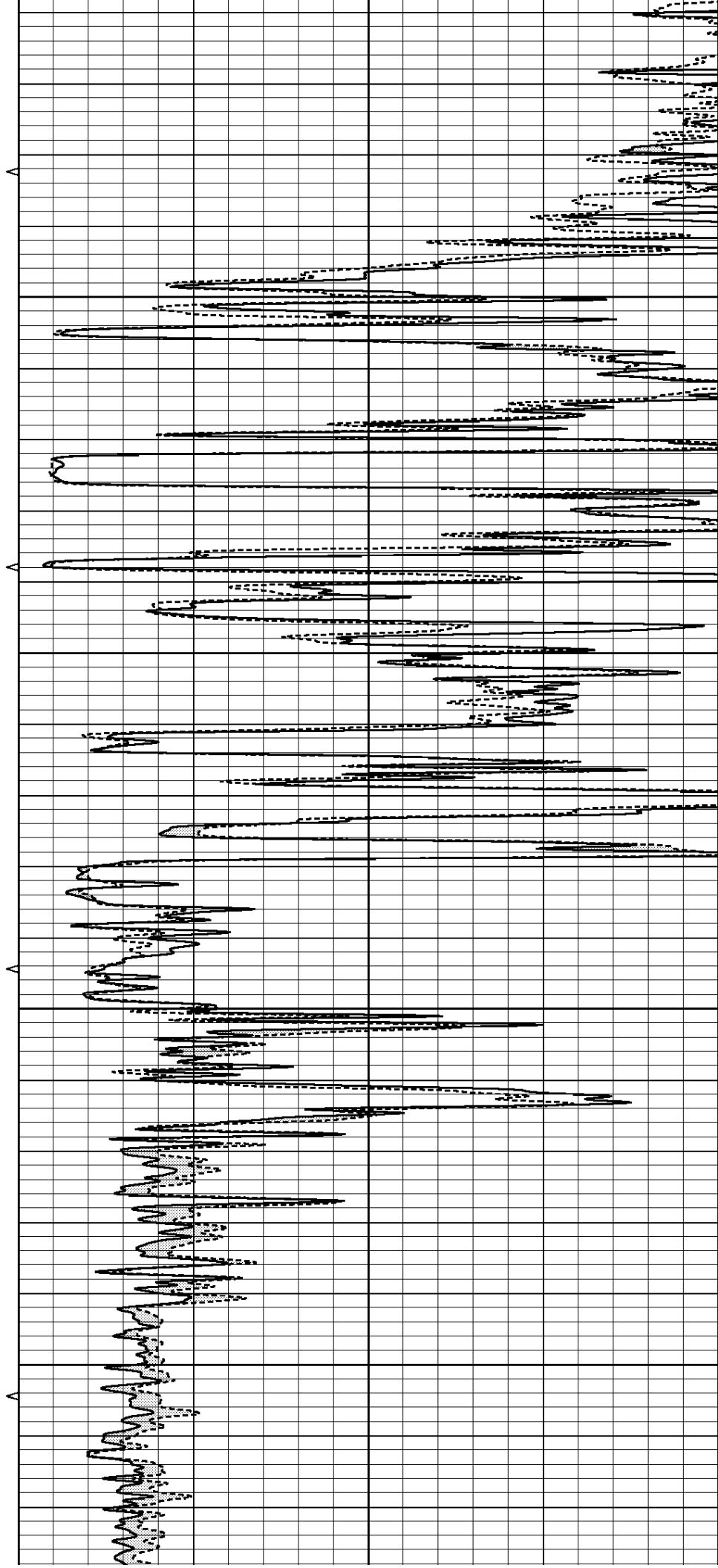


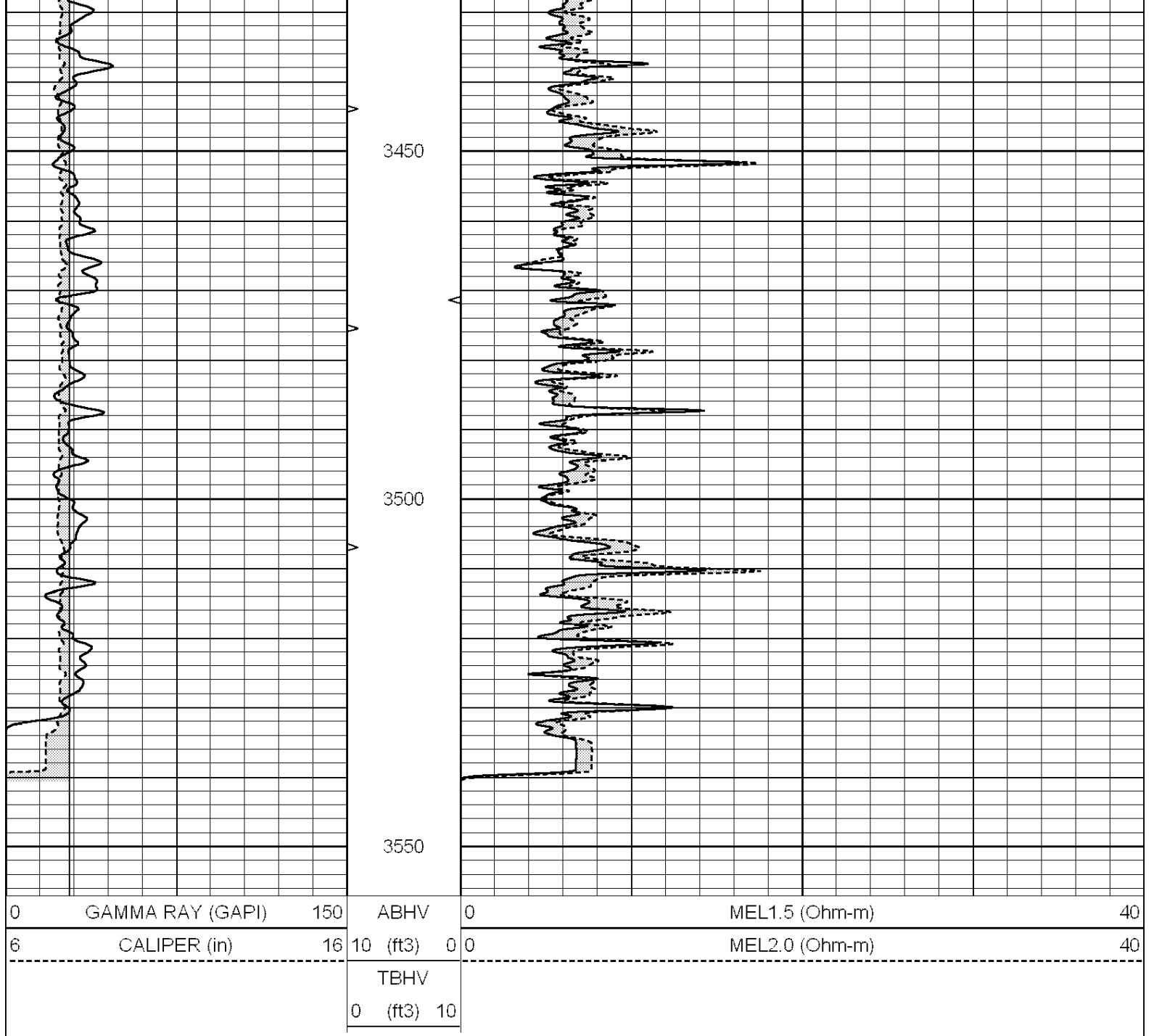
3250

3300

3350

3400





Calibration Report

Database File: 009584ddn.db
Dataset Pathname: pass5.1
Dataset Creation: Sun Aug 19 05:04:50 2012 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO6
Tool Model: PROBE
Performed: Thu Aug 16 14:43:41 2012

Caliper Calibration: Gain=6.253 Offset=-1.608

References	Low Cal	High Cal
Readings	5.800	13.000
	1.178	2.330

1.5" Calibration: Gain=30.075 Offset=-0.200

Low Cal	High Cal
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References	0.000	20.000
Readings	0.004	1.196
2" Calibration:	Gain=30.041	Offset=0.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.006	0.913
Gamma Ray Calibration Report		
Serial Number:	#8	
Tool Model:	OPEN	
Performed:	Mon Jun 13 16:56:43 2011	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	175.0	cps
Sensitivity:	0.8371	GAPI/cps