



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company		MAI OIL OPERATIONS, INC.	
Well	SCHMITT #4		
Field	KENNEBEC		
County	RUSSELL	State	KANSAS
Location:	SEC 4 TWP 15S RGE 14W		Other Services CDL/CNL DIL
Permanent Datum	GROUND LEVEL	Elevation	1762
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	10/19/12		
Run Number	TWO		
Depth Driller	3295		
Depth Logger	3293		
Bottom Logged Interval	3291		
Top Log Interval	2200		
Casing Driller	8 5/8" @ 473		
Casing Logger	470		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM	
Density / Viscosity	9.5/49		
pH / Fluid Loss	9.0/9.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.80 @ 55F		
Rmf @ Meas. Temp	.60 @ 55F		
Rmc @ Meas. Temp	.96 @ 55F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.40 @ 110F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	110F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JIM MUSGROVE		

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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
RUSSELL KS. - S. TO WALTERS LANE - 1 1/8 W. - S. INTO

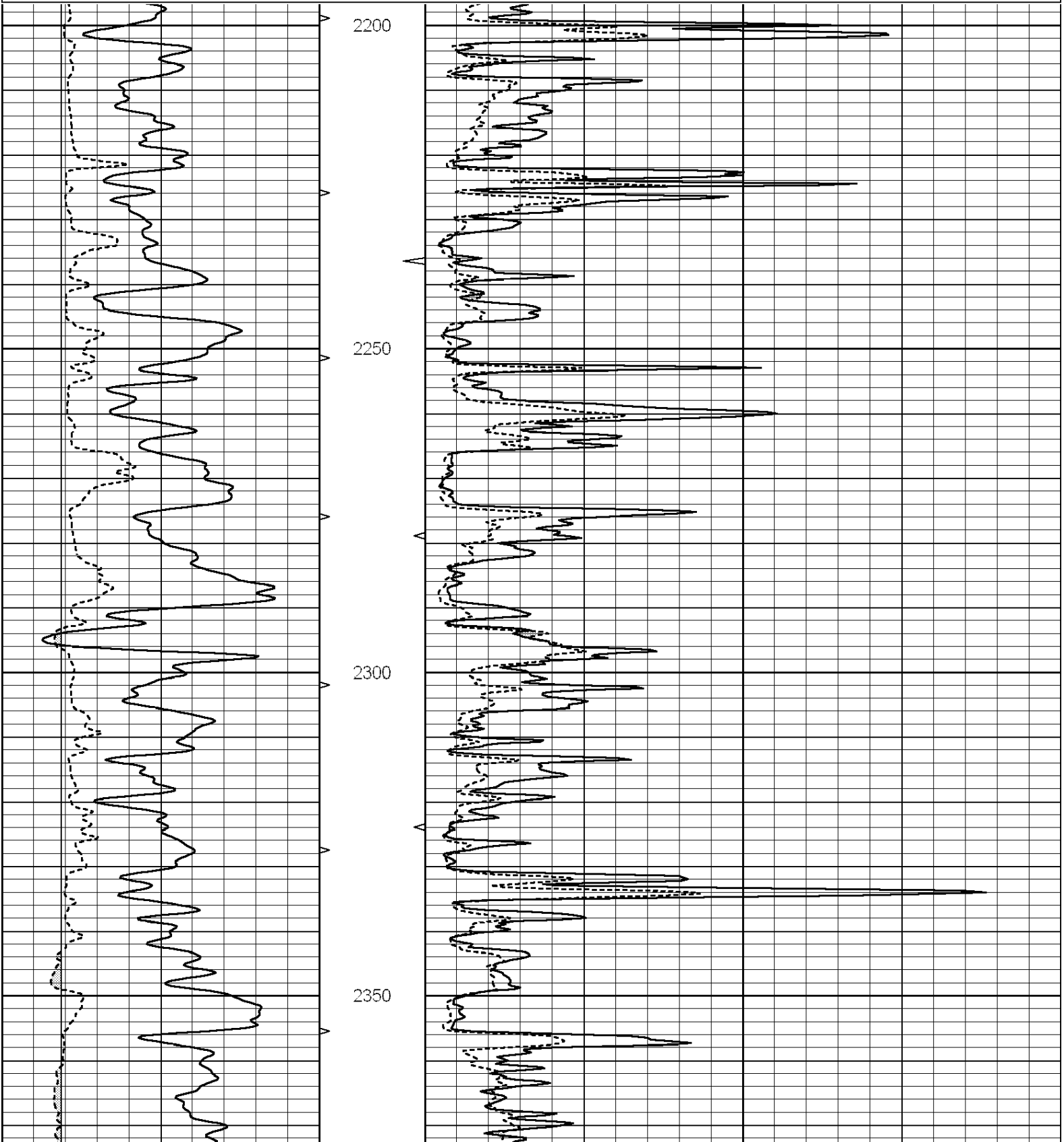


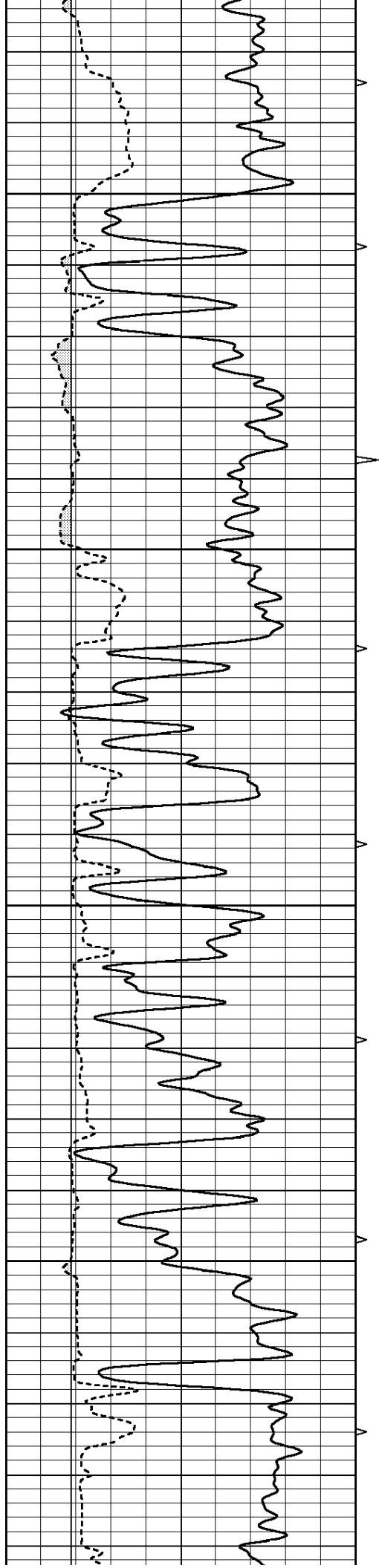
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MAIN SECTION

Database File: 009978ddn.db
Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Fri Oct 19 11:29:15 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		



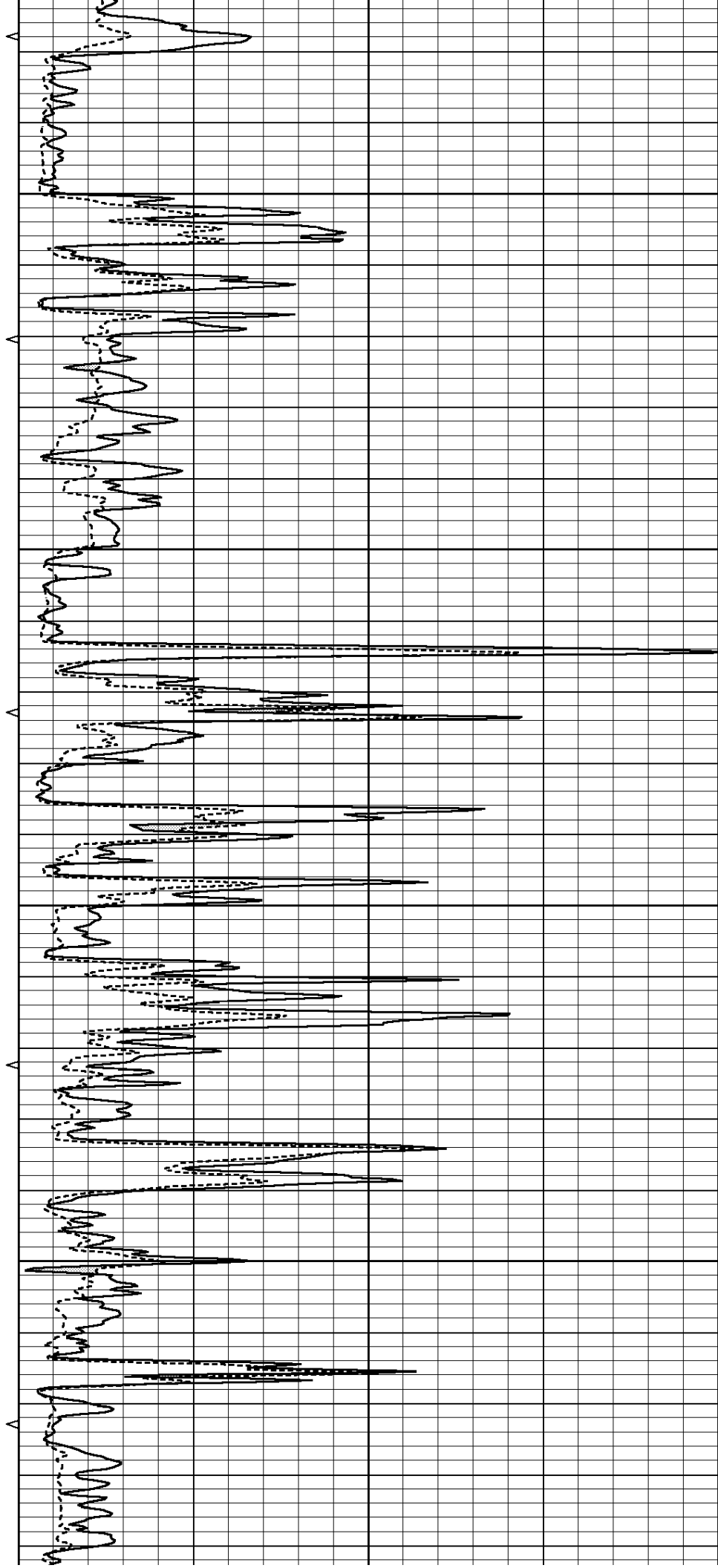


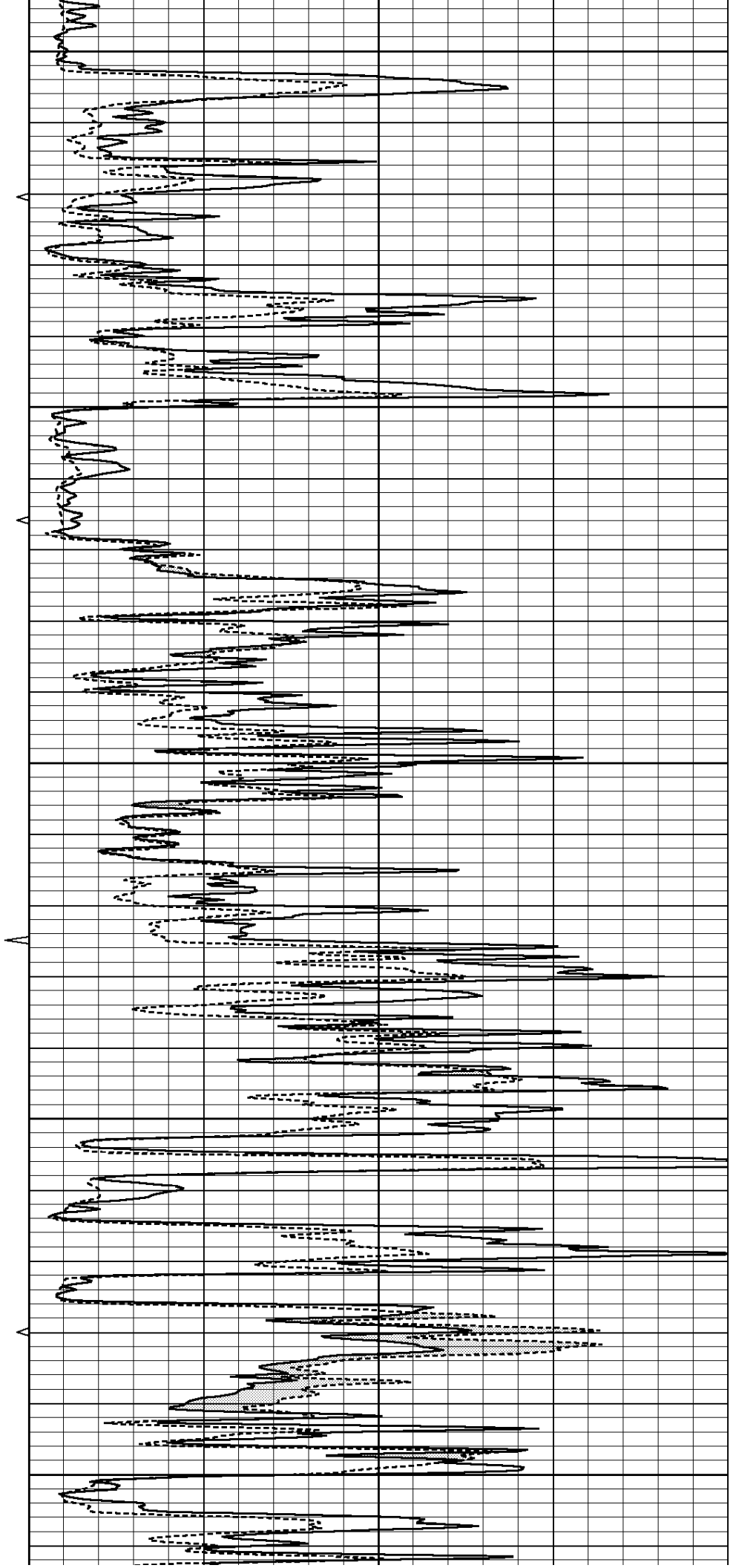
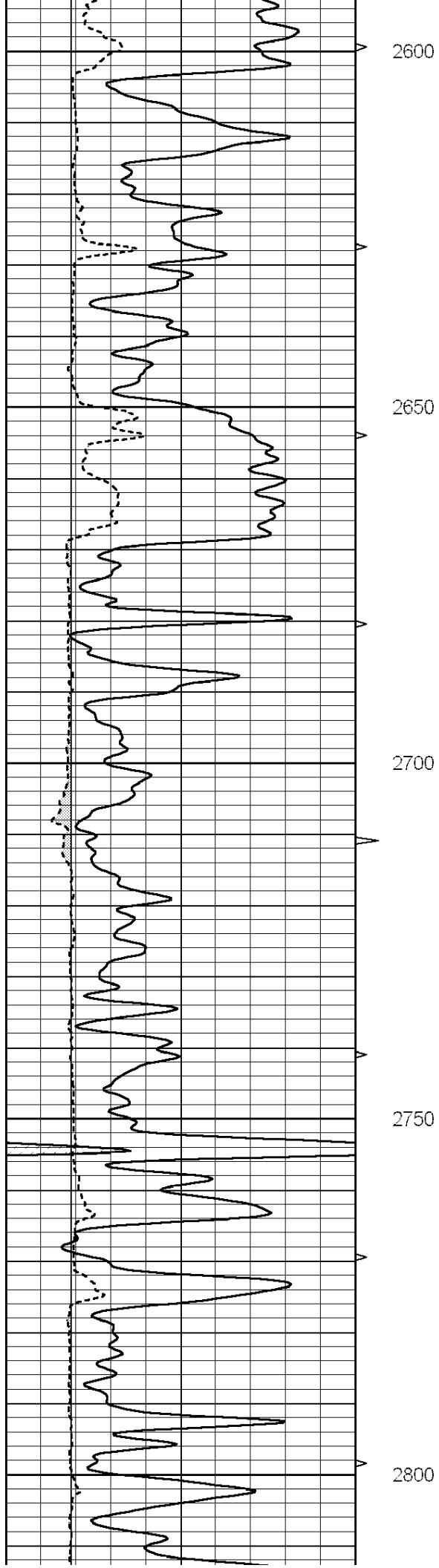
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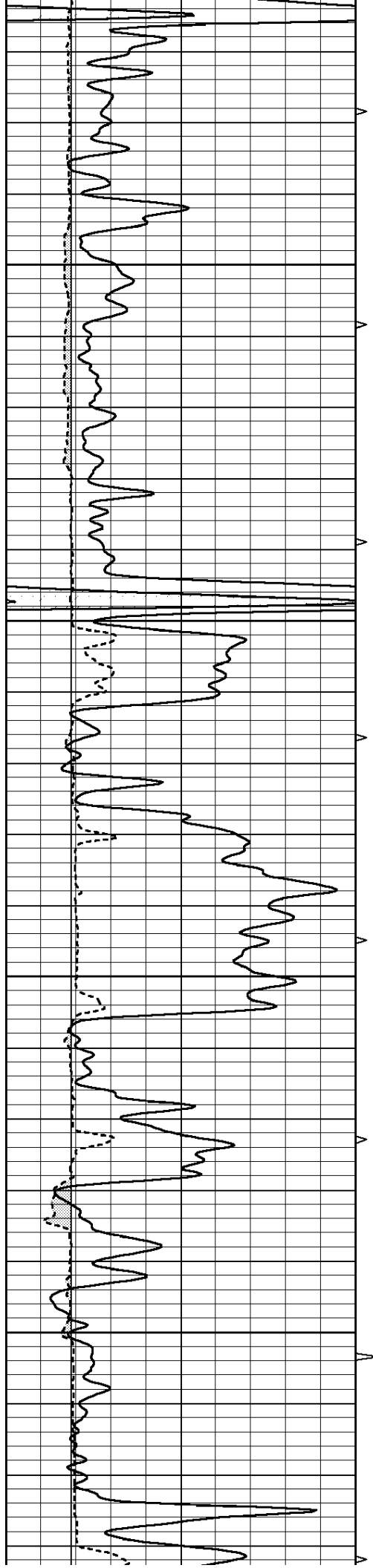
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2500

2550





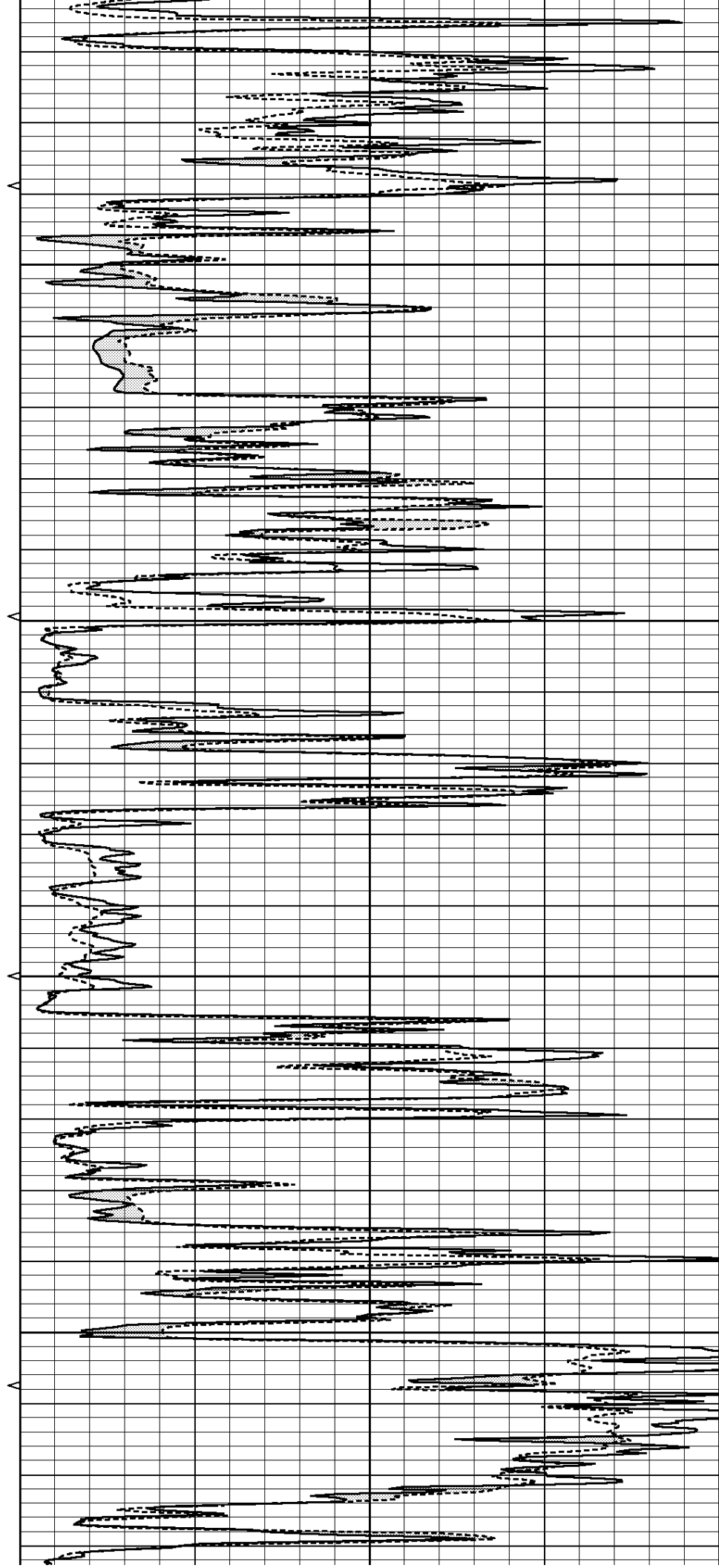


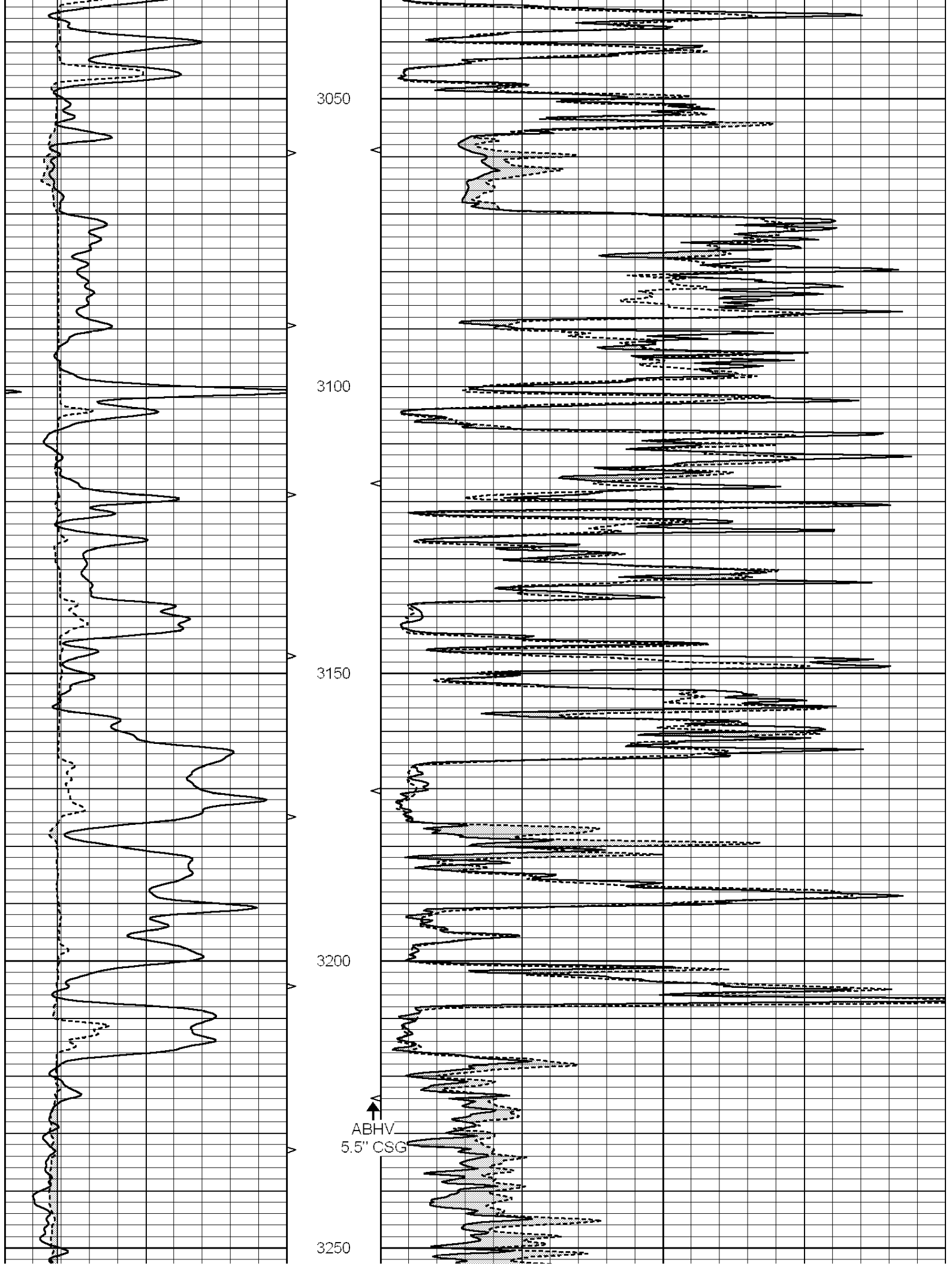
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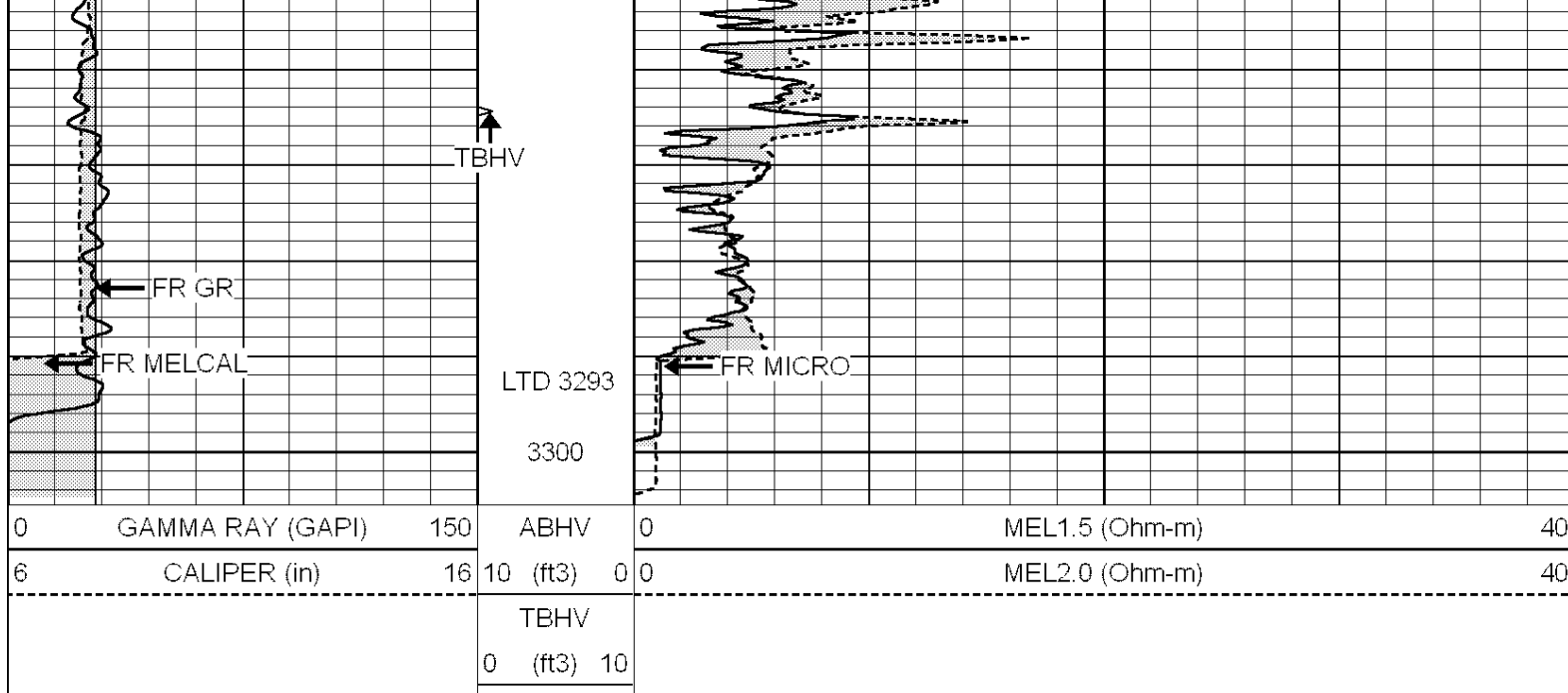
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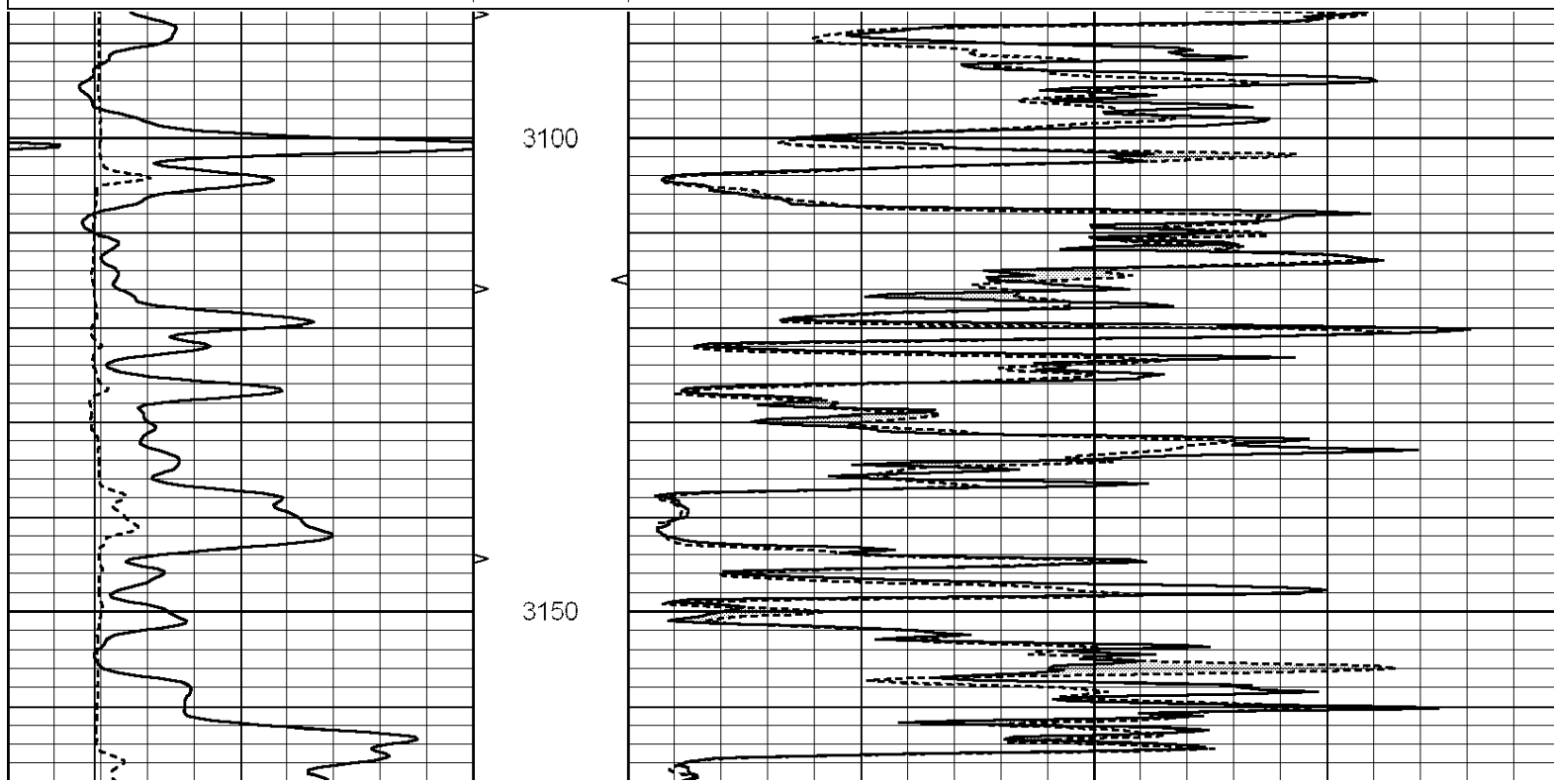
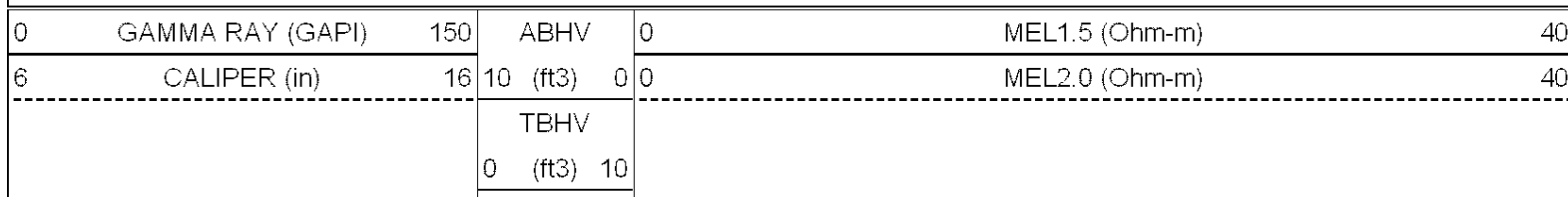


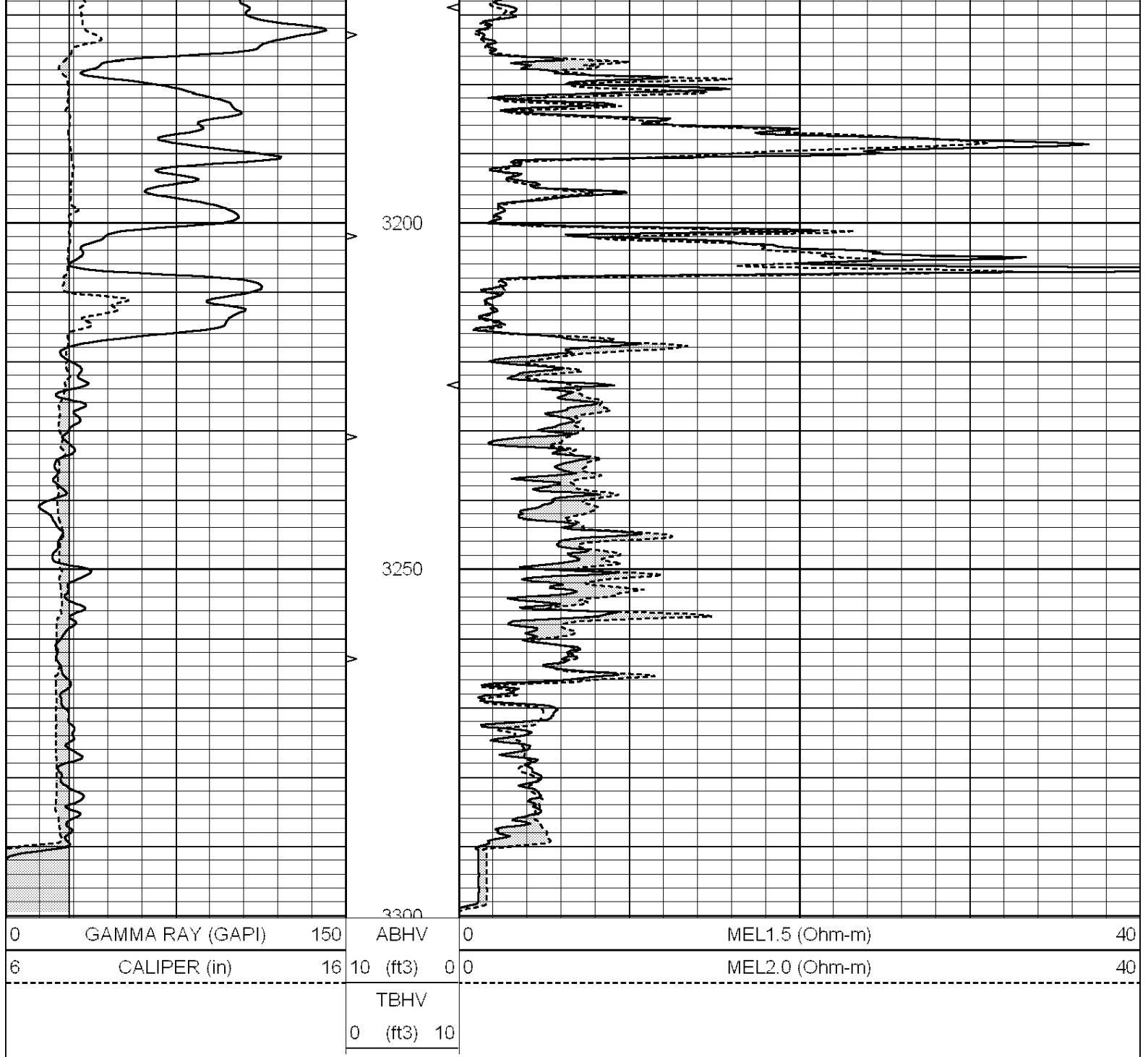




REPEAT SECTION

Database File: 009978ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Fri Oct 19 11:14:41 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 009978ddn.db
 Dataset Pathname: pass6.1
 Dataset Creation: Fri Oct 19 11:29:15 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

References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.196
2" Calibration:	Gain=25.041	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