



SUPERIOR
Hays,
Kansas

MICRO LOG

Company		MAI OIL OPERATIONS, INC.	
Well		ROBERT FINGER #1	
Field		CARROLL	
County		BARTON	
State		KANSAS	
Location:		AP1 # : 15-009-25738-0000 725' FNL & 1450' FWL NW - SW - NE - NW	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING & A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 27 TWP 17S RGE 14W		Elevation K.B. 1864 D.F. 1862 G.L. 1856	
Date	9/4/12		
Run Number	TWO		
Depth Driller	3430		
Depth Logger	3430		
Bottom Logged Interval	3428		
Top Log Interval	2700		
Casing Driller	8 5/8" @ 820		
Casing Logger	820		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM	
Density / Viscosity	9.2/50		
pH / Fluid Loss	9.5/9.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.70 @ 96F		
Rmf @ Meas. Temp	.52 @ 96F		
Rmc @ Meas. Temp	.84 @ 96F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.61 @ 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	BRUCE ARD	

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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
INTERSECTION OF HWY 281 & HWY 4 (HOISINGTON)
1 N. - 3/4 W. - S. INTO

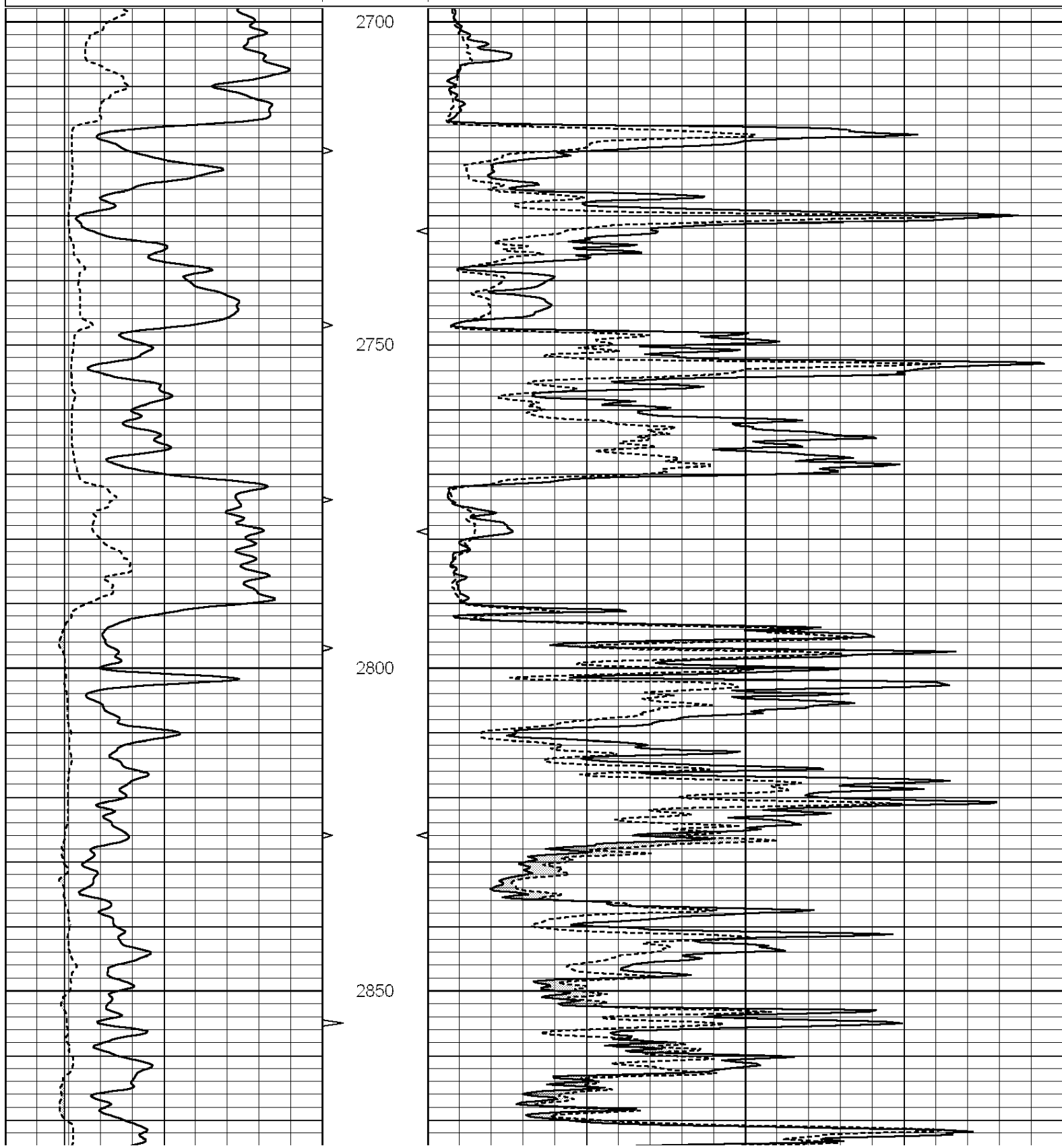


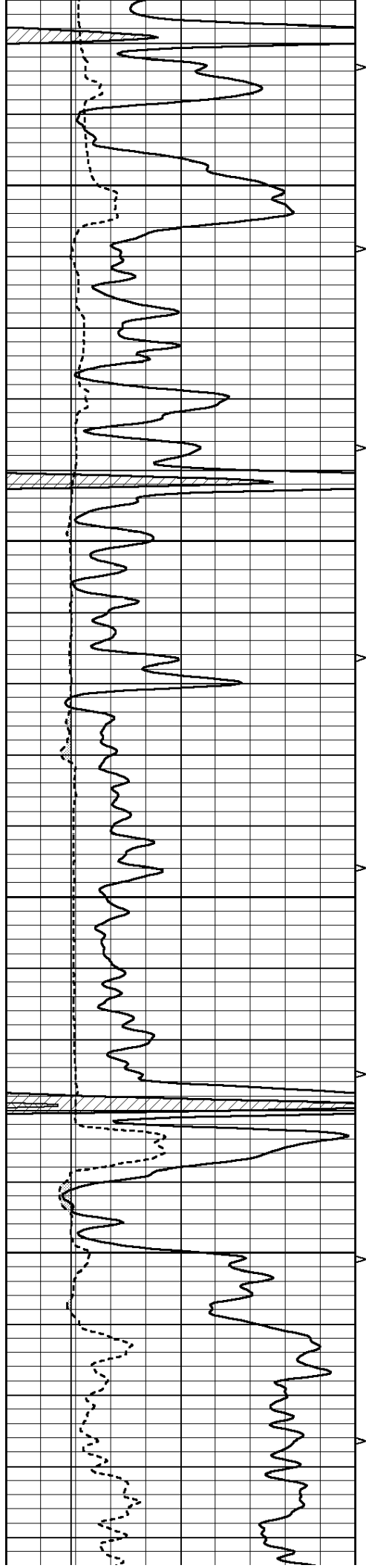
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MAIN SECTION

Database File: 009597ddn.db
Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Tue Sep 04 22:17:59 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		



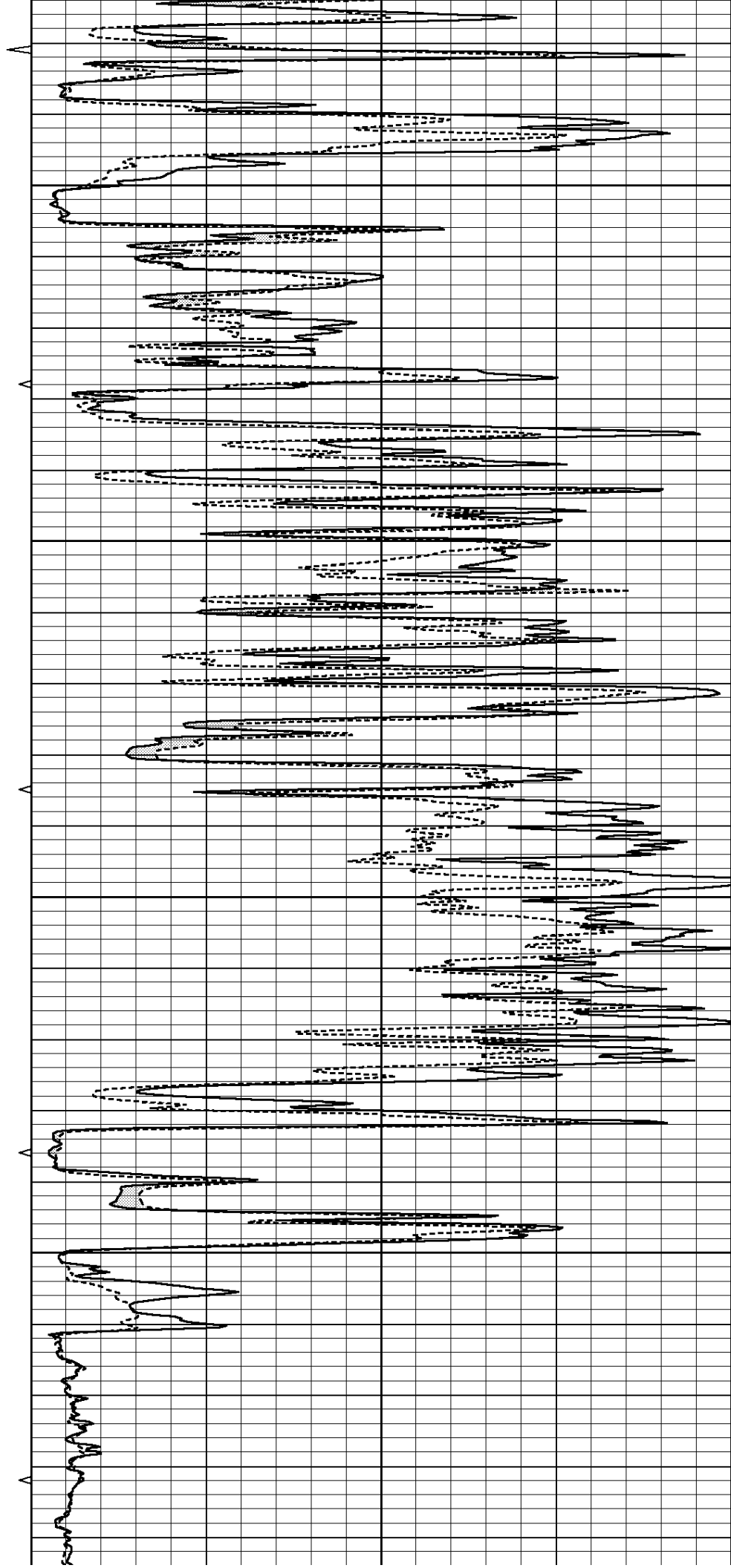


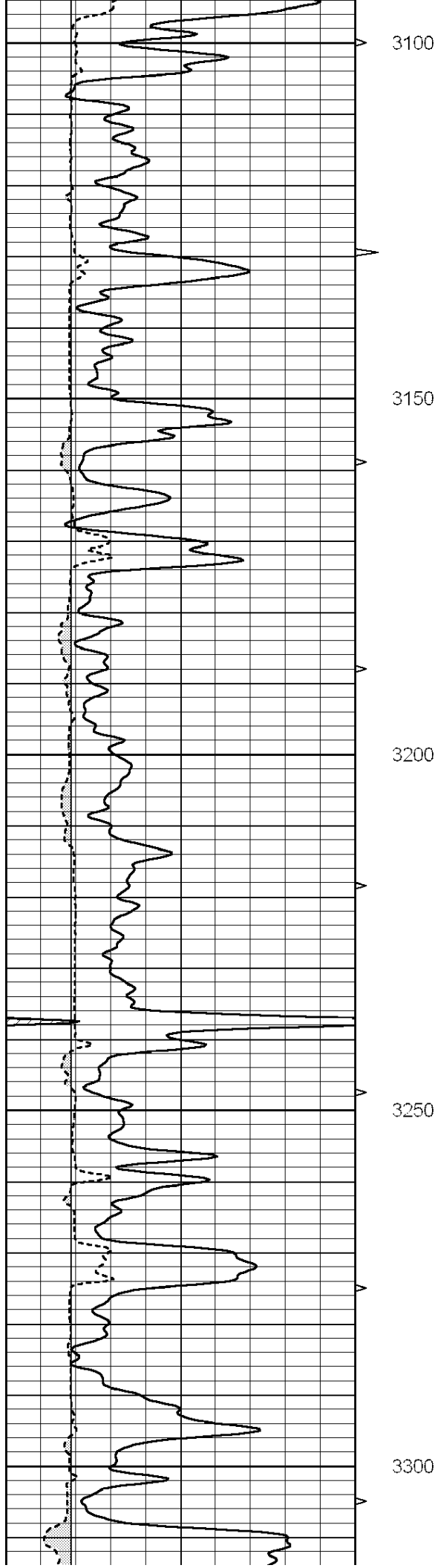
2900

2950

3000

3050





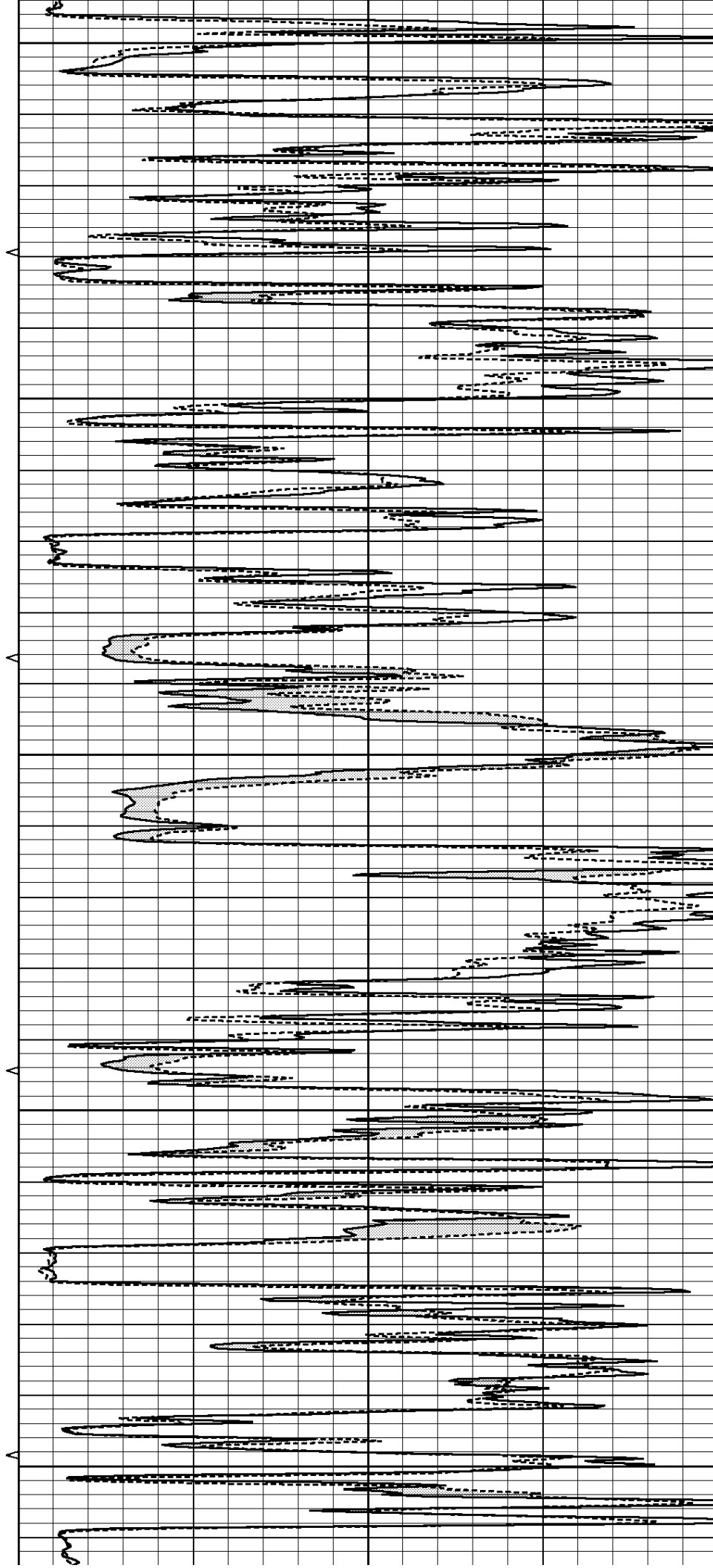
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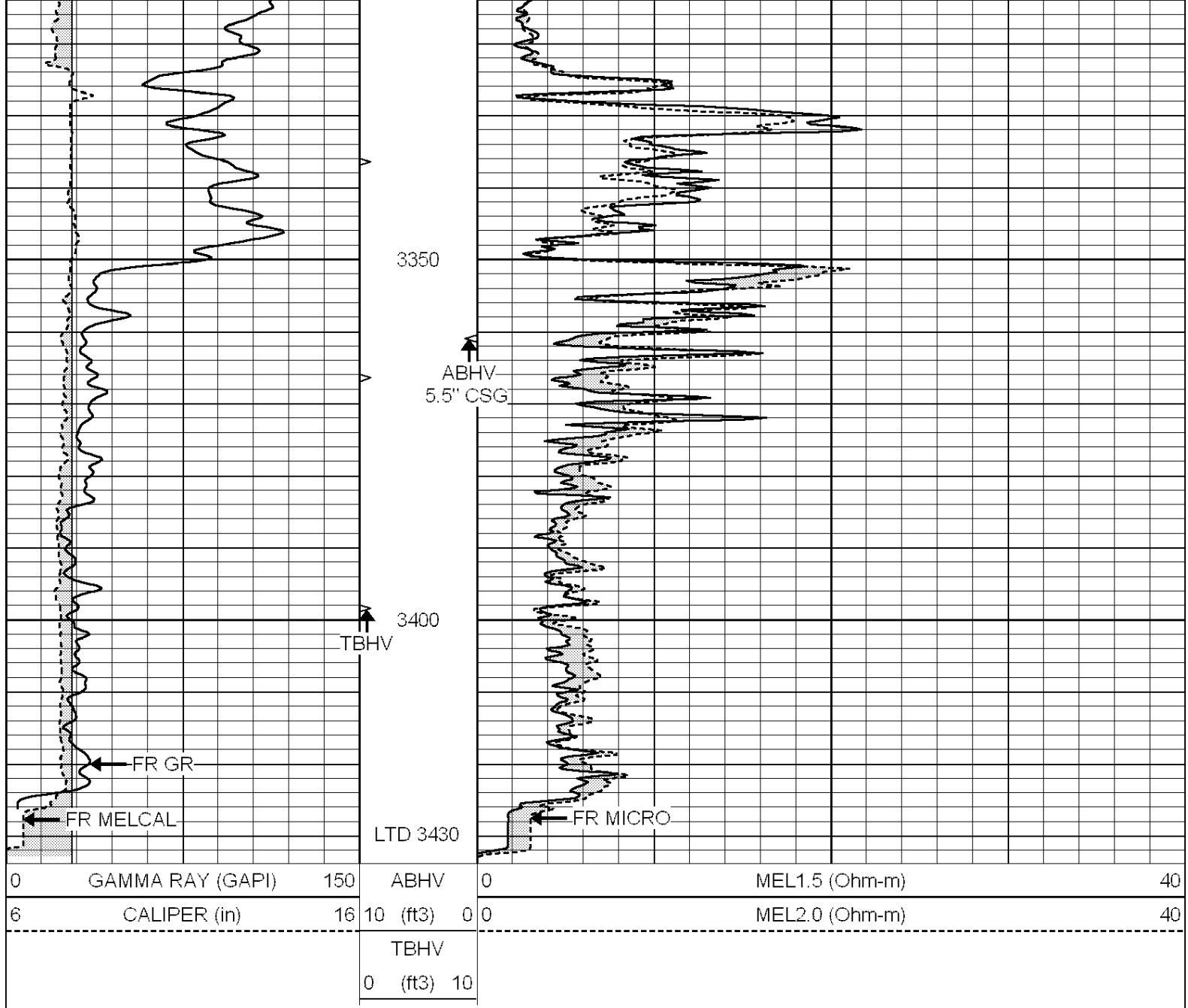
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3200

3250

3300



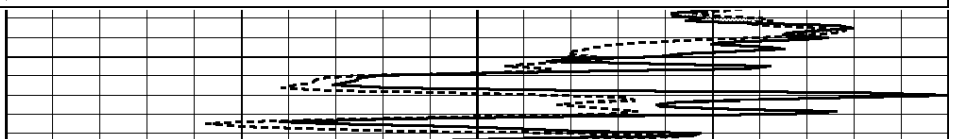
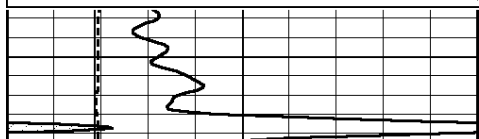


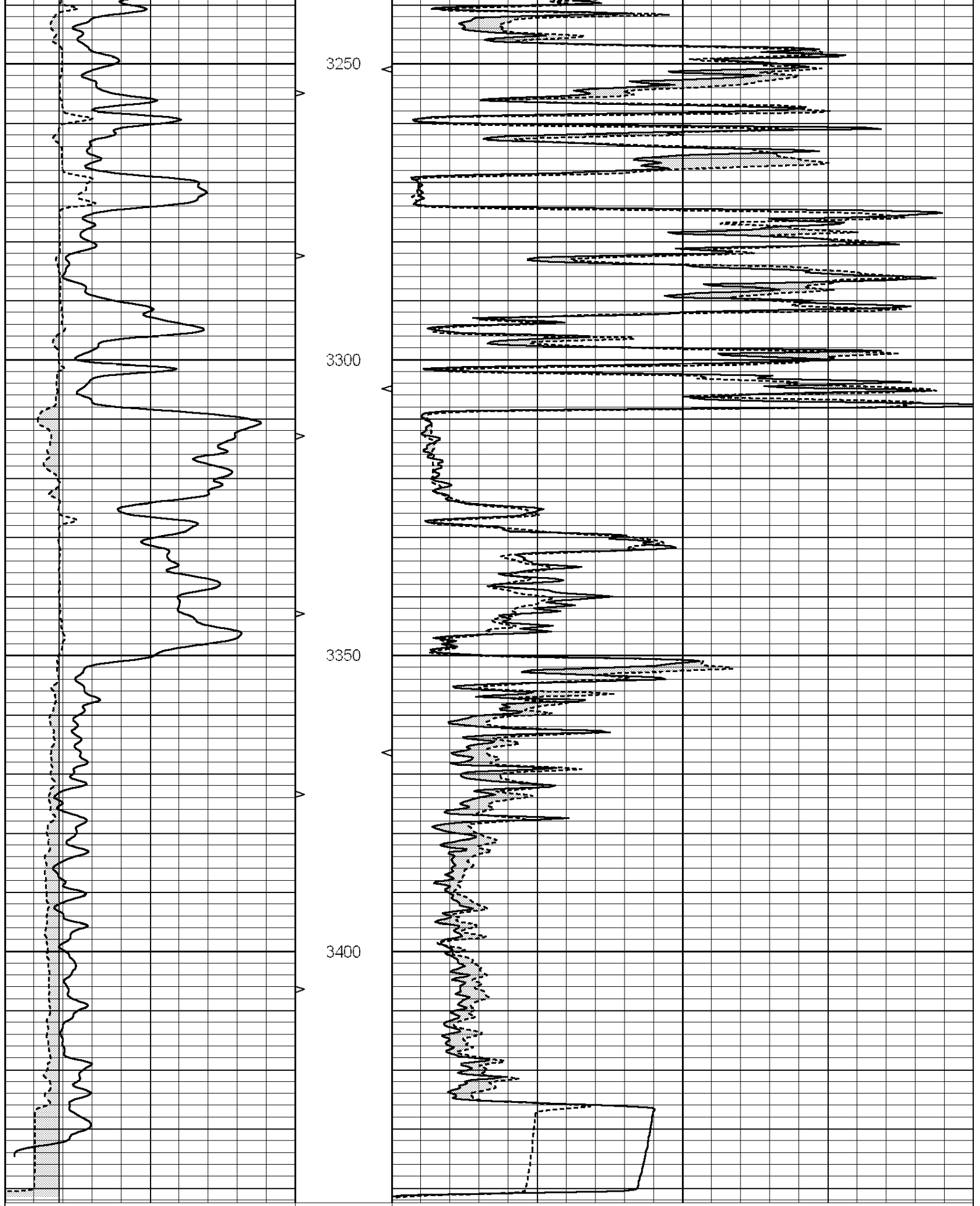
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REPEAT SECTION

Database File: 009597ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Tue Sep 04 21:56:18 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		





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 (#3) 10			

Calibration Report

Database File: 009597ddn.db
 Dataset Pathname: pass5.1
 Dataset Creation: Tue Sep 04 21:56:18 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
 Low Cal High Cal
 References 5.800 13.000
 Readings 1.178 2.330

1.5" Calibration: Gain=30.075 Offset=-0.200
 Low Cal High Cal
 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