



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company		MAI OIL OPERATIONS, INC.	
Well	VINE #10		
Field	SOLOMON		
County	ELLIS	State	KANSAS
Location:		API # : 15-051-26582-0000 485' FNL & 2000' FWL SW - NE - NE - NW	
Permanent Datum Log Measured From Drilling Measured From		SEC 27 TWP 14S RGE 19W GROUND LEVEL Elevation 2126 KELLY BUSHING & A.G.L. KELLY BUSHING	
Other Services CDL/CNL DIL		Elevation K.B. 2134 D.F. 2132 G.L. 2126	
Date	10/13/13		
Run Number	TWO		
Depth Driller	3690		
Depth Logger	3692		
Bottom Logged Interval	3690		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 210'		
Casing Logger	214		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.9/54		
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.80 @ 64F		
Rinf @ Meas. Temp	.60 @ 64F		
Rinc @ Meas. Temp	.96 @ 64F		
Source of Rinf / Rinc	MEASURED		
Rin @ BHT	.45 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	4:00 A.M.		
Maximum Recorded Temperature	113F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	WYATT URBAN		

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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 NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

DIRECTIONS:
I-70 & YOCEMENTO RD. - 10 NORTH - EAST INTO

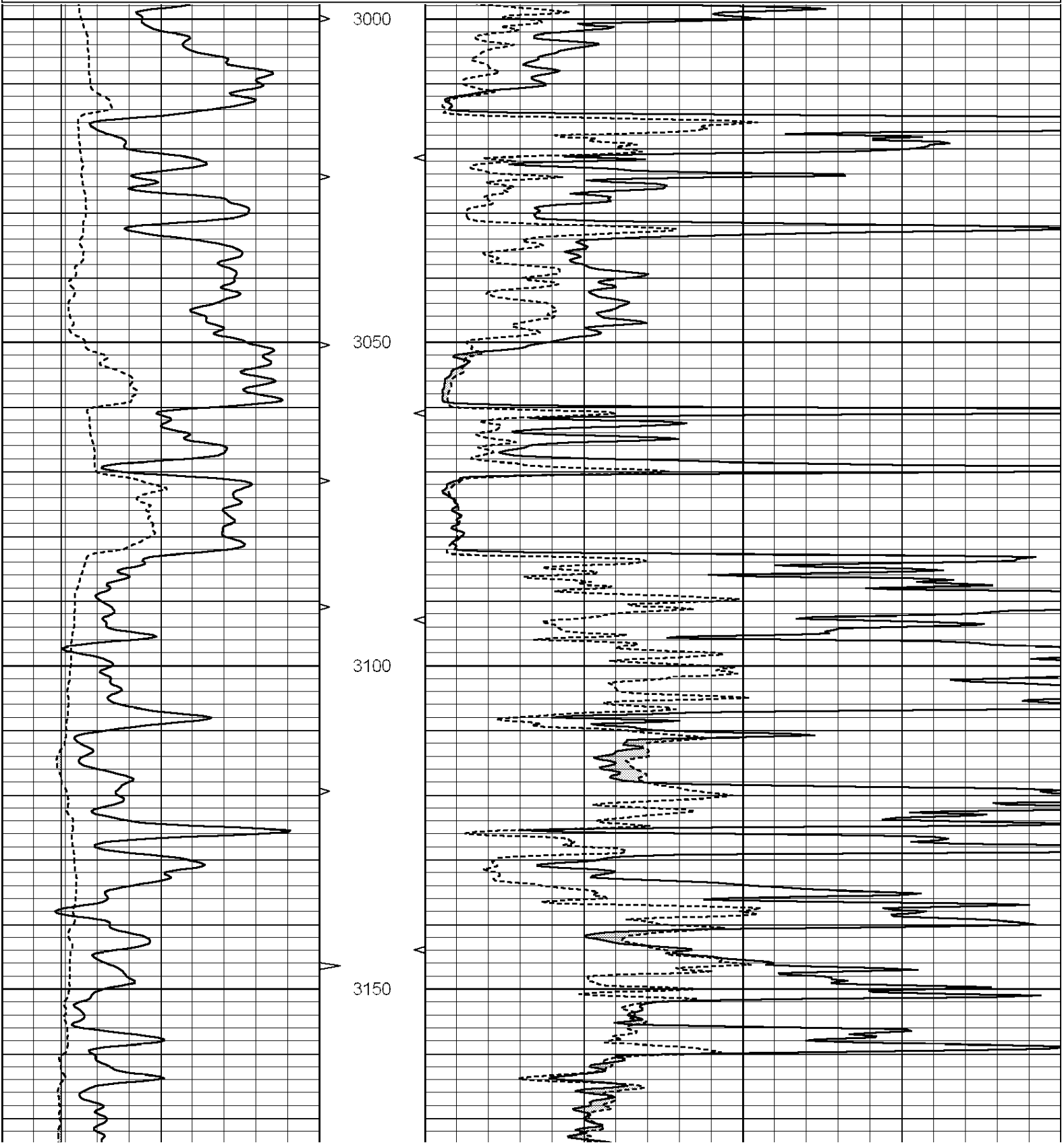


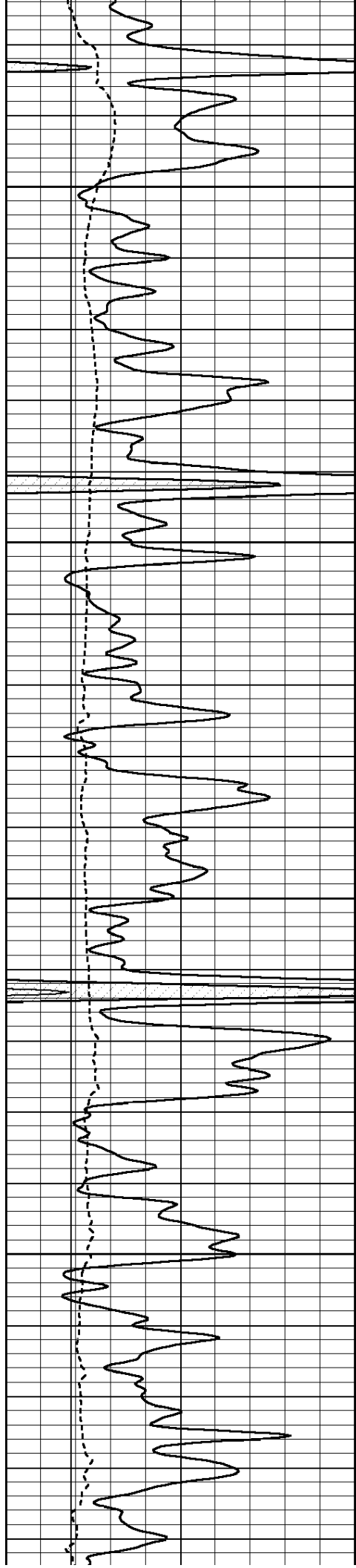
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MAIN SECTION

Database File: 011795ddn.db
Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Sun Oct 13 06:35:33 2013 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	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		



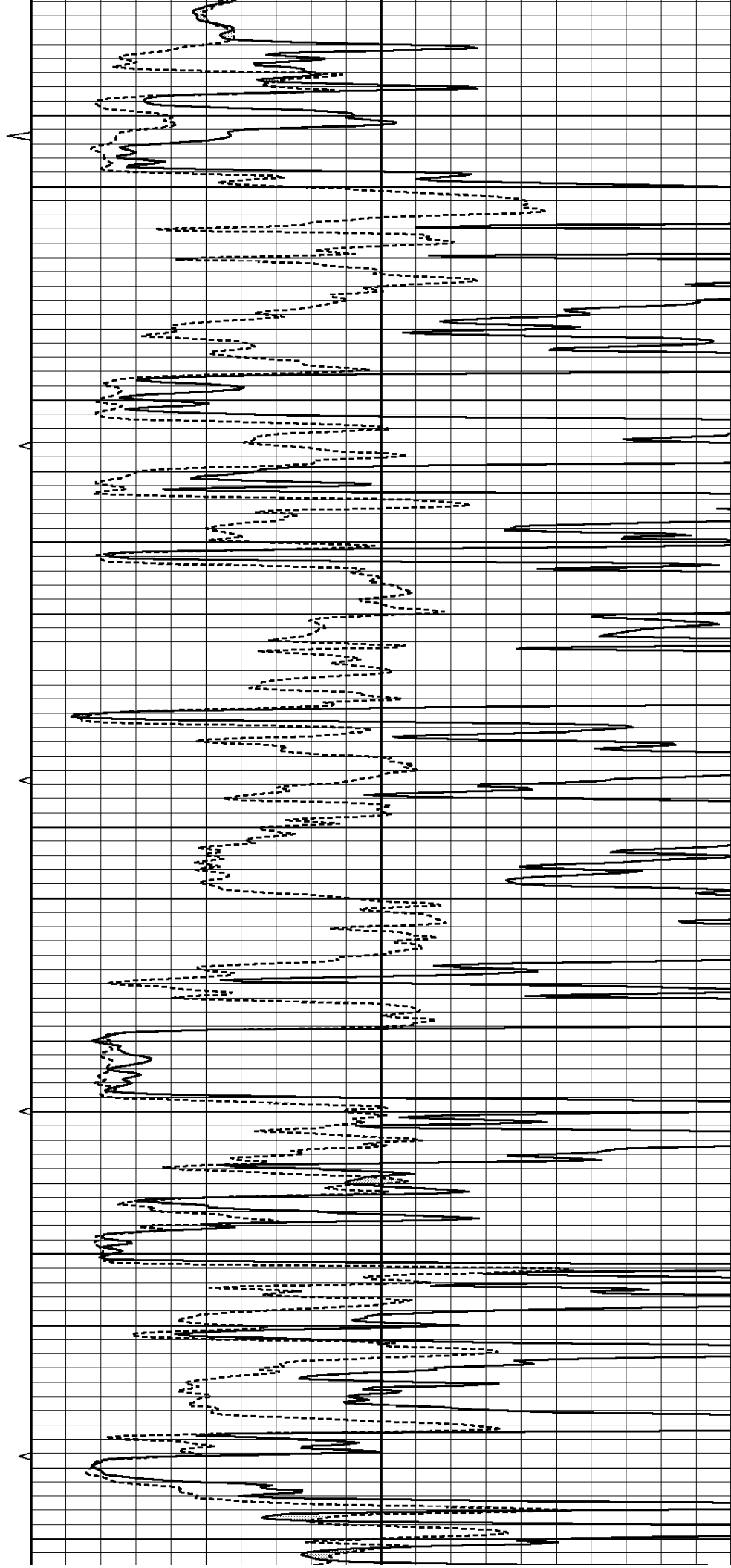


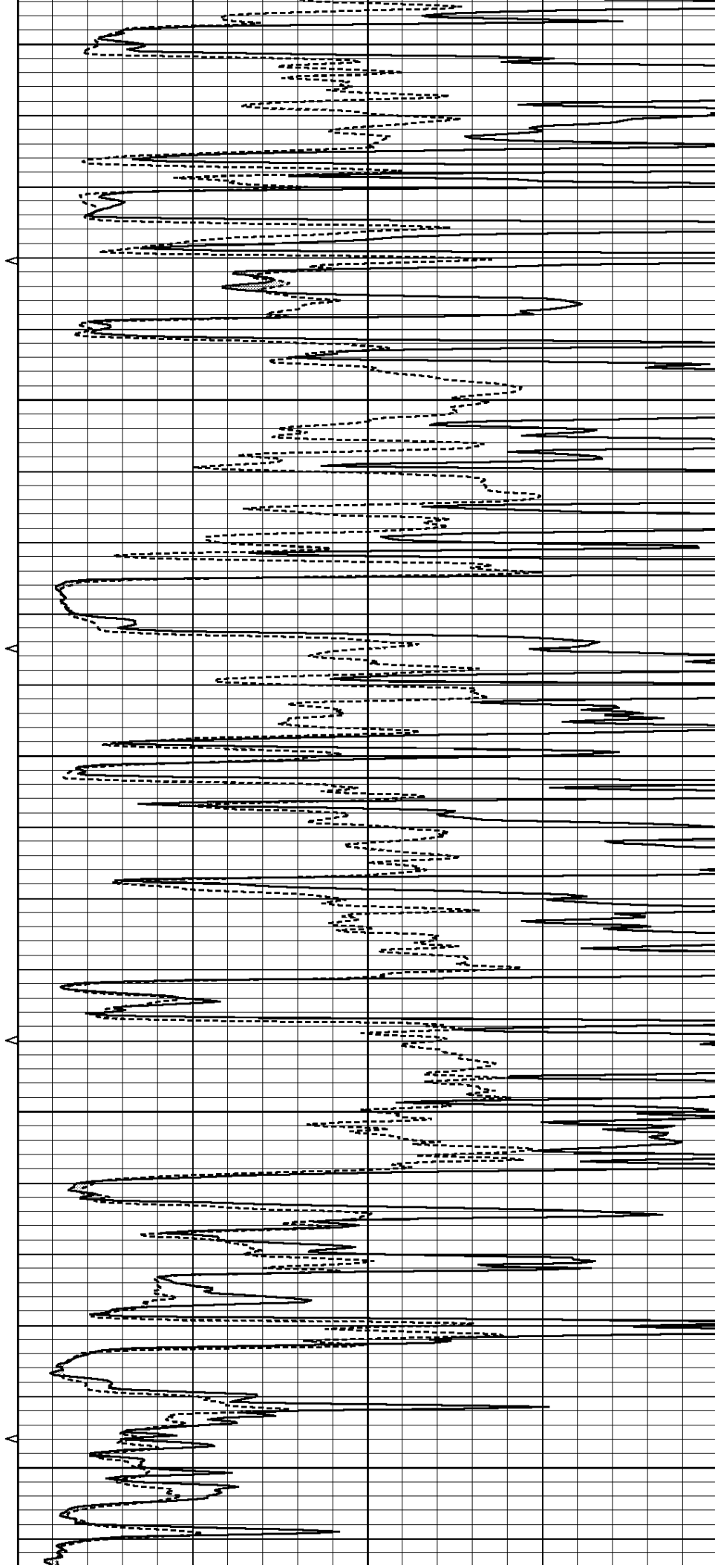
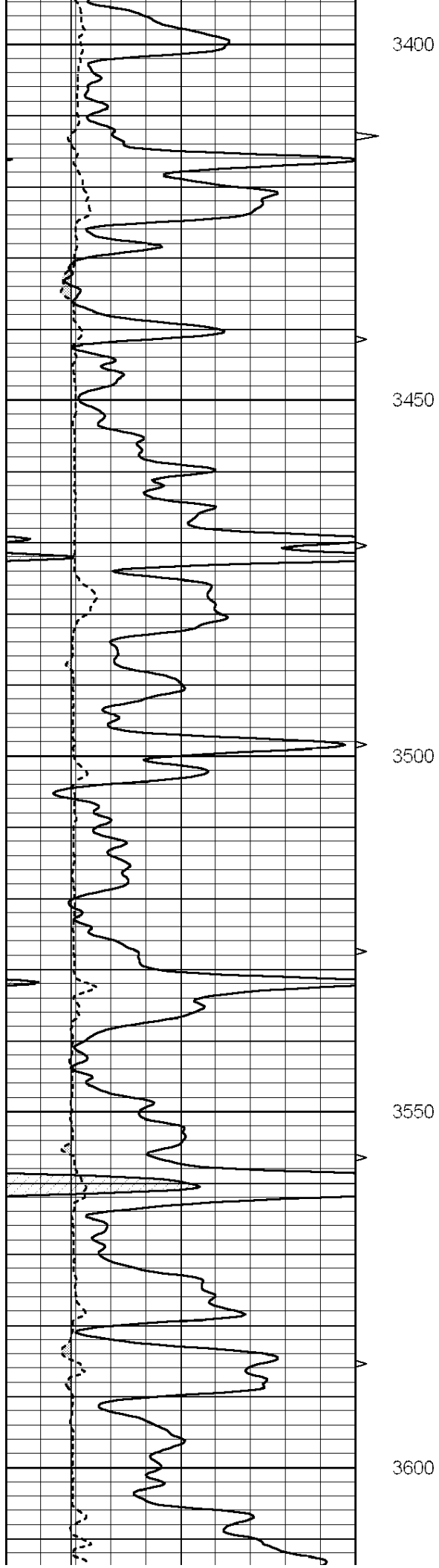
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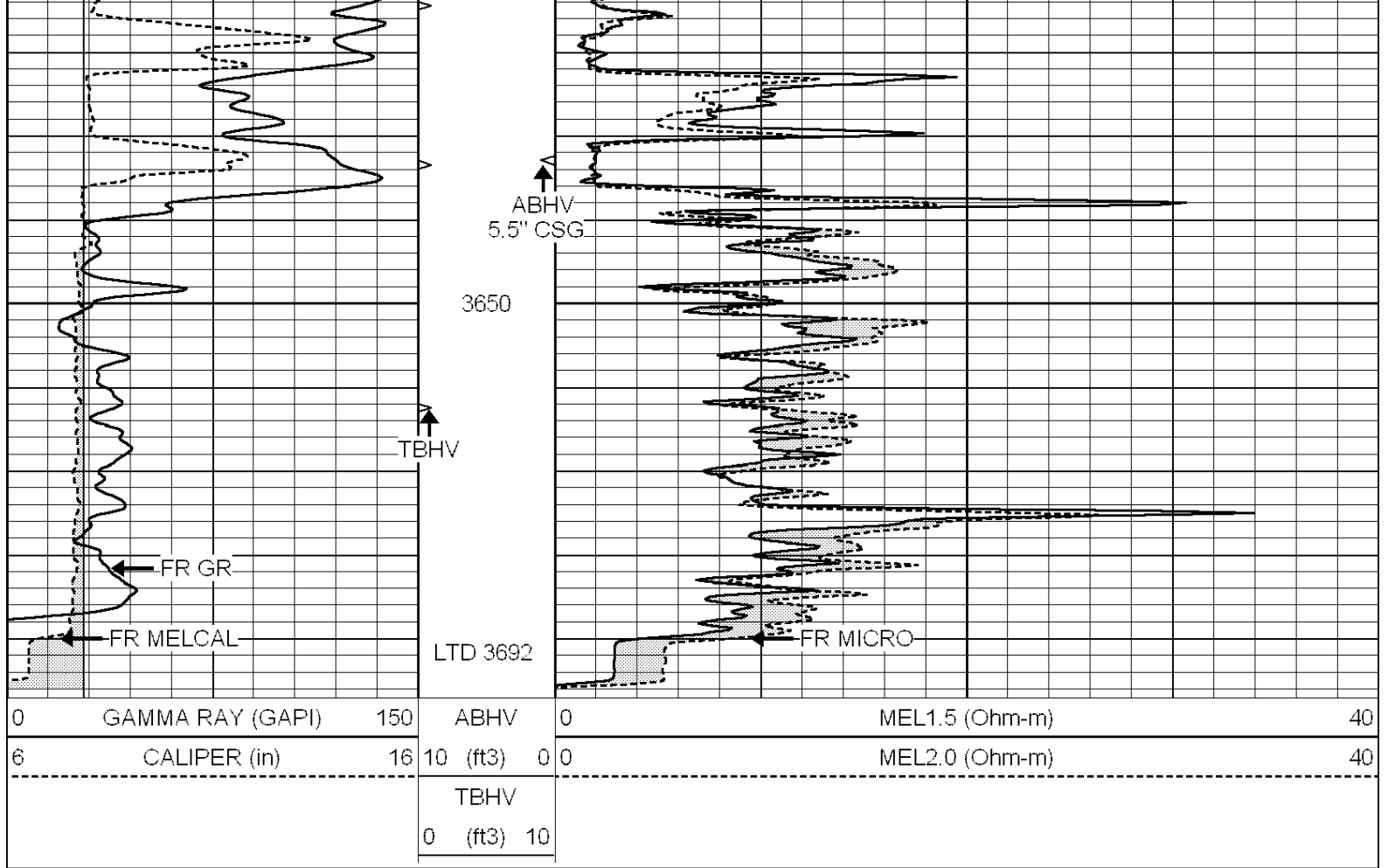
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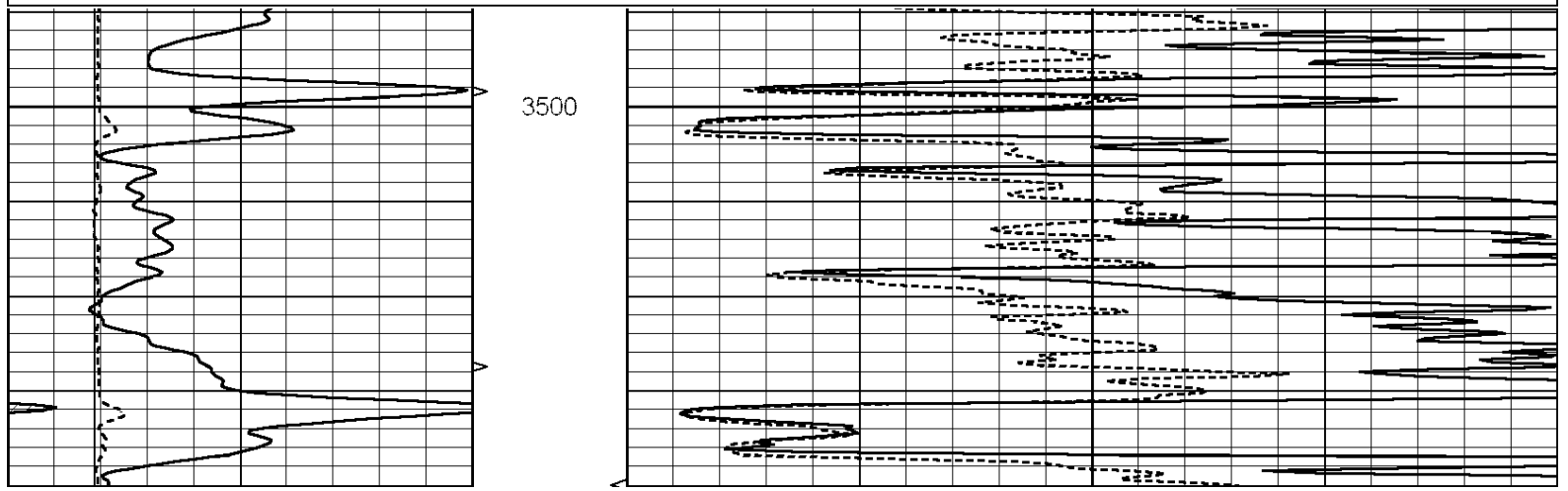


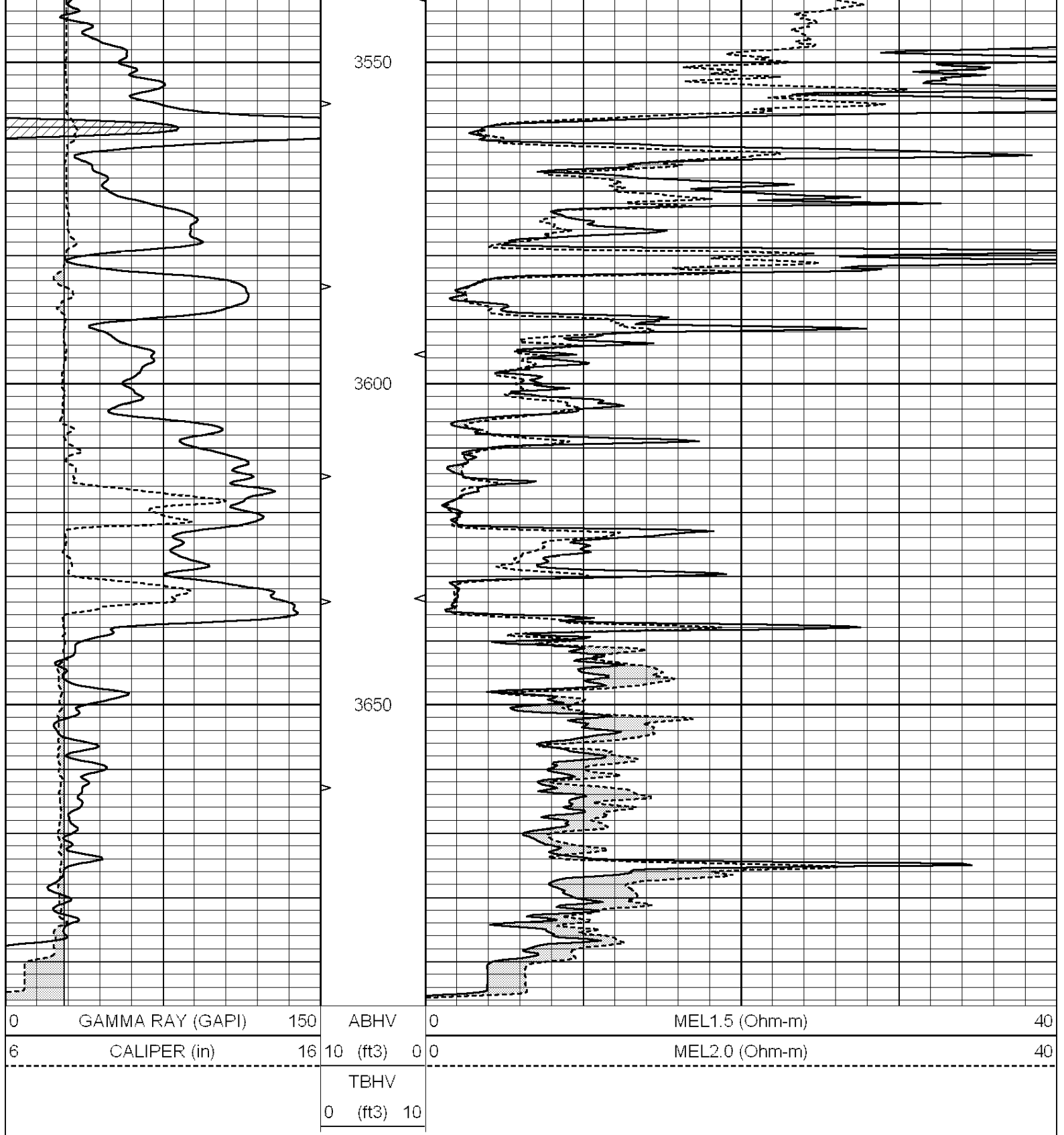

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REPEAT SECTION

Database File: 011795ddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Sun Oct 13 06:33:07 2013 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	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 011795ddn.db
Dataset Pathname: pass5.1
Dataset Creation: Sun Oct 13 06:33:07 2013 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO6
Tool Model:	PROBE
Performed:	Sun Jun 16 11:26:16 2013

Caliper Calibration:	Gain=5.542	Offset=-1.370
References	Low Cal 8.000	High Cal 14.000
Readings	1.431	2.513
1.5" Calibration:	Gain=35.075	Offset=-0.700
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	1.196
2" Calibration:	Gain=75.041	Offset=-1.000
References	Low Cal 0.000	High Cal 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