



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company		GREAT PLAINS ENERGY, INC.	
Well		MOFFETT #3-32	
Field		NORTON	
County		NORTON	
State		KANSAS	
Company		GREAT PLAINS ENERGY, INC.	
Well		MOFFETT #3-32	
Field		NORTON	
County		NORTON	
State		KANSAS	
Location:		API # : 15-137-20621-0000 1170' FNL & 1650' FEL	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 32 TWP 2S RGE 23W		Elevation K.B. 2352 D.F. 2350 G.L. 2347	
Date		10/10/12	
Run Number		ONE	
Depth Driller		3679	
Depth Logger		3680	
Bottom Logged Interval		3678	
Top Log Interval		3000	
Casing Driller		8 5/8" @ 207	
Casing Logger		NA	
Bit Size		7 7/8	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.2/60	
pH / Fluid Loss		10.5/6.8	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		1.3 @ 72F	
Rmf @ Meas. Temp		.97 @ 72F	
Rmc @ Meas. Temp		1.56 @ 72F	
Source of Rmf / Rmc		MEASURED	
Rim @ BHT		.82 @ 113F	
Time Circulation Stopped		2 HOURS	
Time Logger on Bottom		113F	
Maximum Recorded Temperature		680	
Equipment Number		HAYS, KS.	
Location		JASON CARPELLUCCI	
Recorded By		MIKE GARRISON	
Witnessed By		CLAYTON ERICKSON	

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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
NORTON KS. - FROM W. EDGE GO 1 W. TO RD. W2 - 1 N. - 1/2 W. - S. INTO



NABORS

**COMPLETION
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MAIN SECTION

Database File:

009746ddn.db

Dataset Pathname:

pass3.1

Presentation Format:

_micro

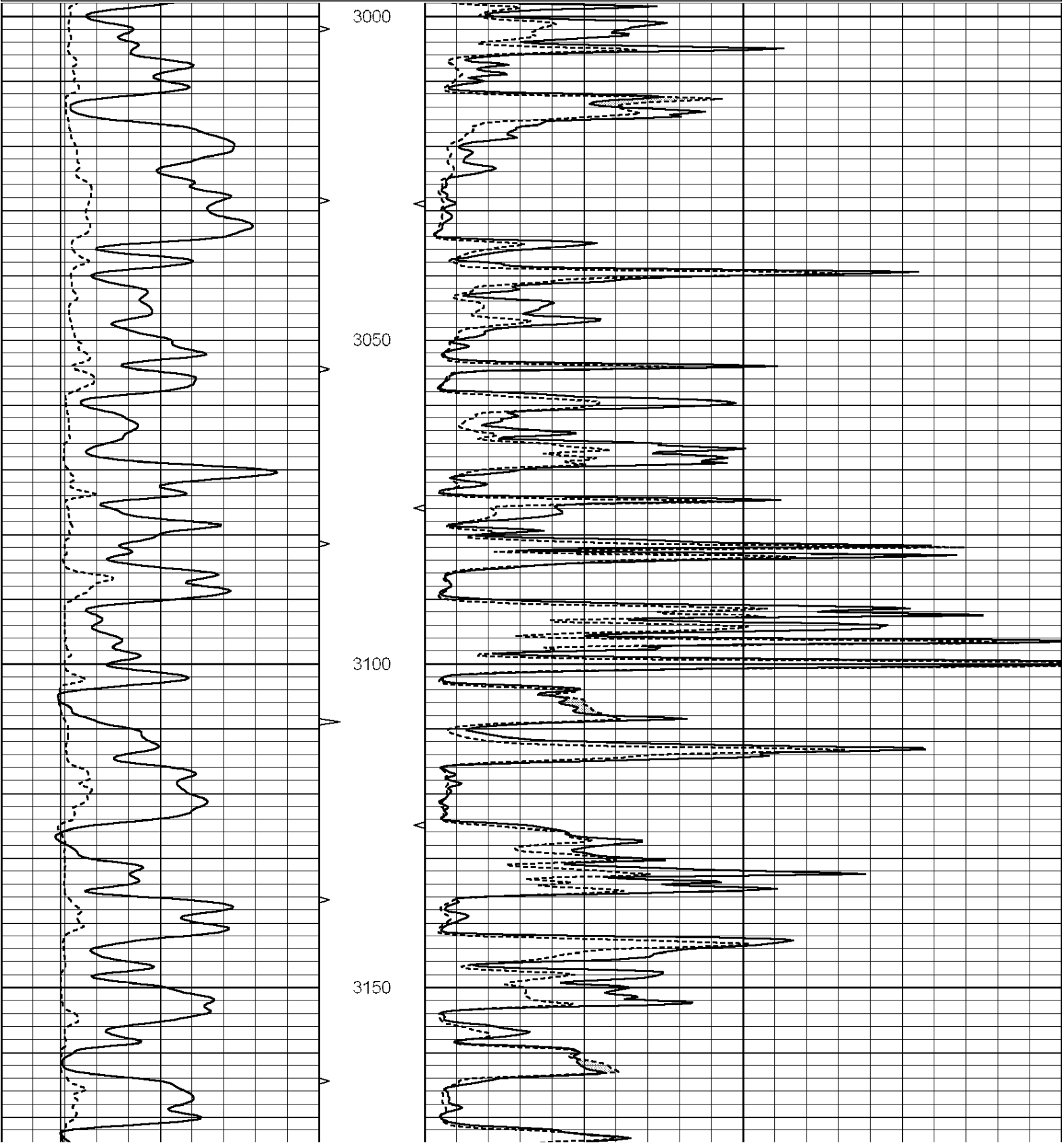
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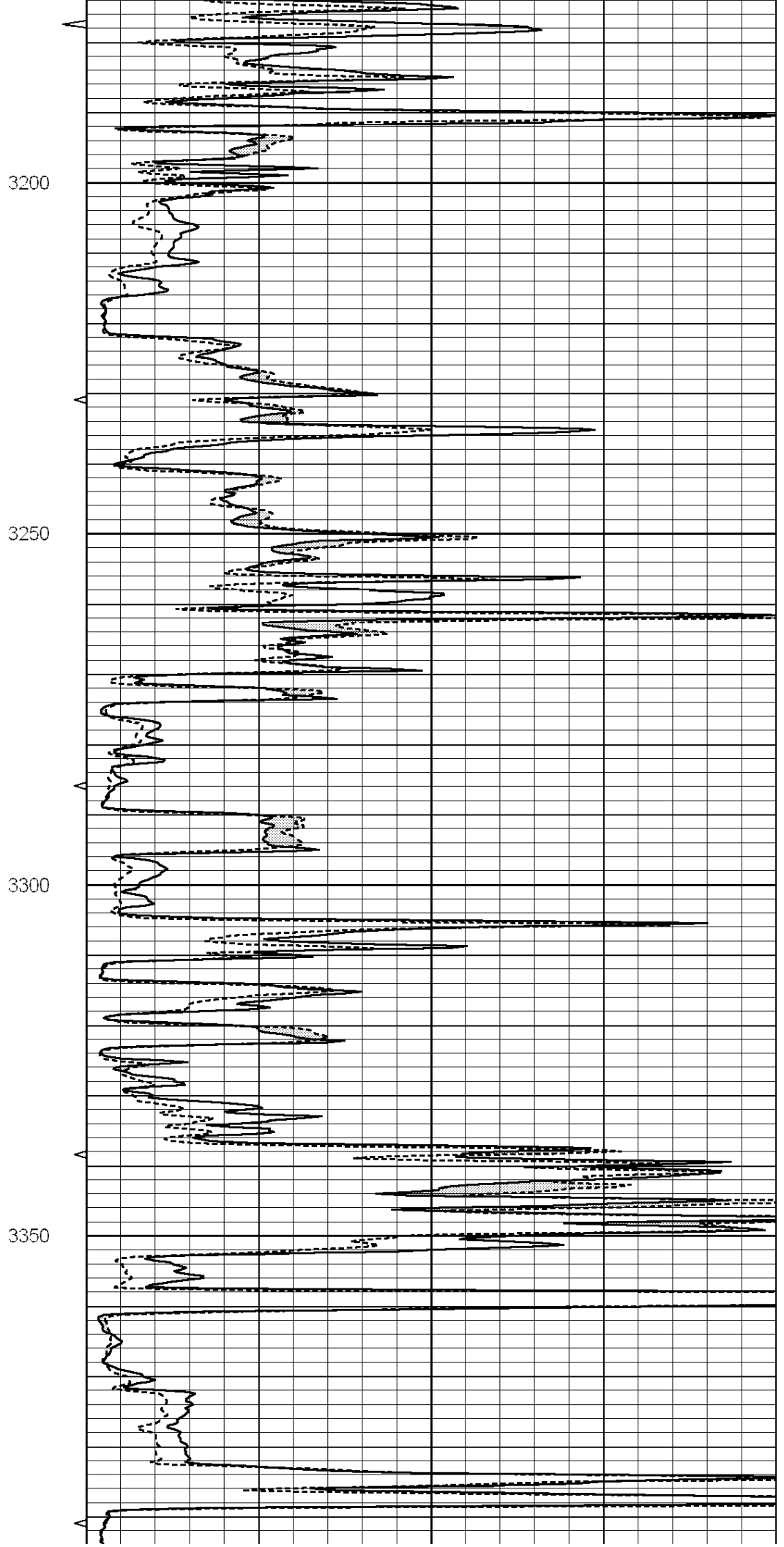
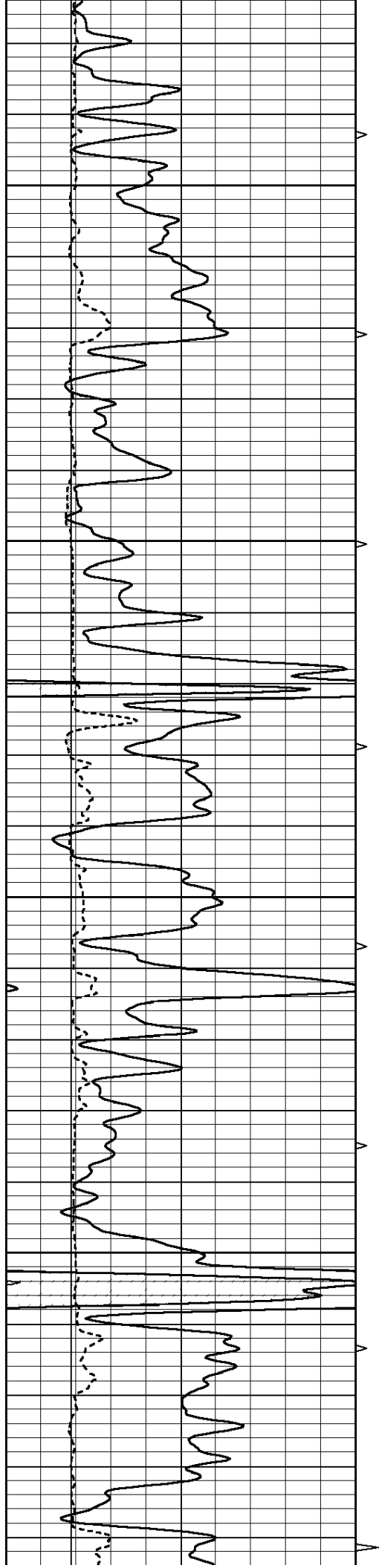
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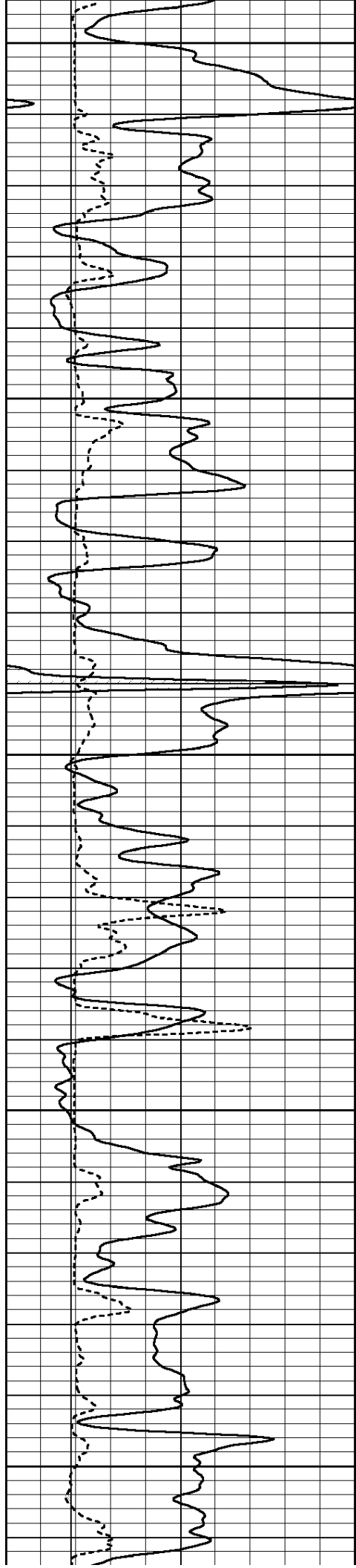
Charted by:

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
6	CALIPER (in)	16	TBHV			
			0 (ft3)	10		







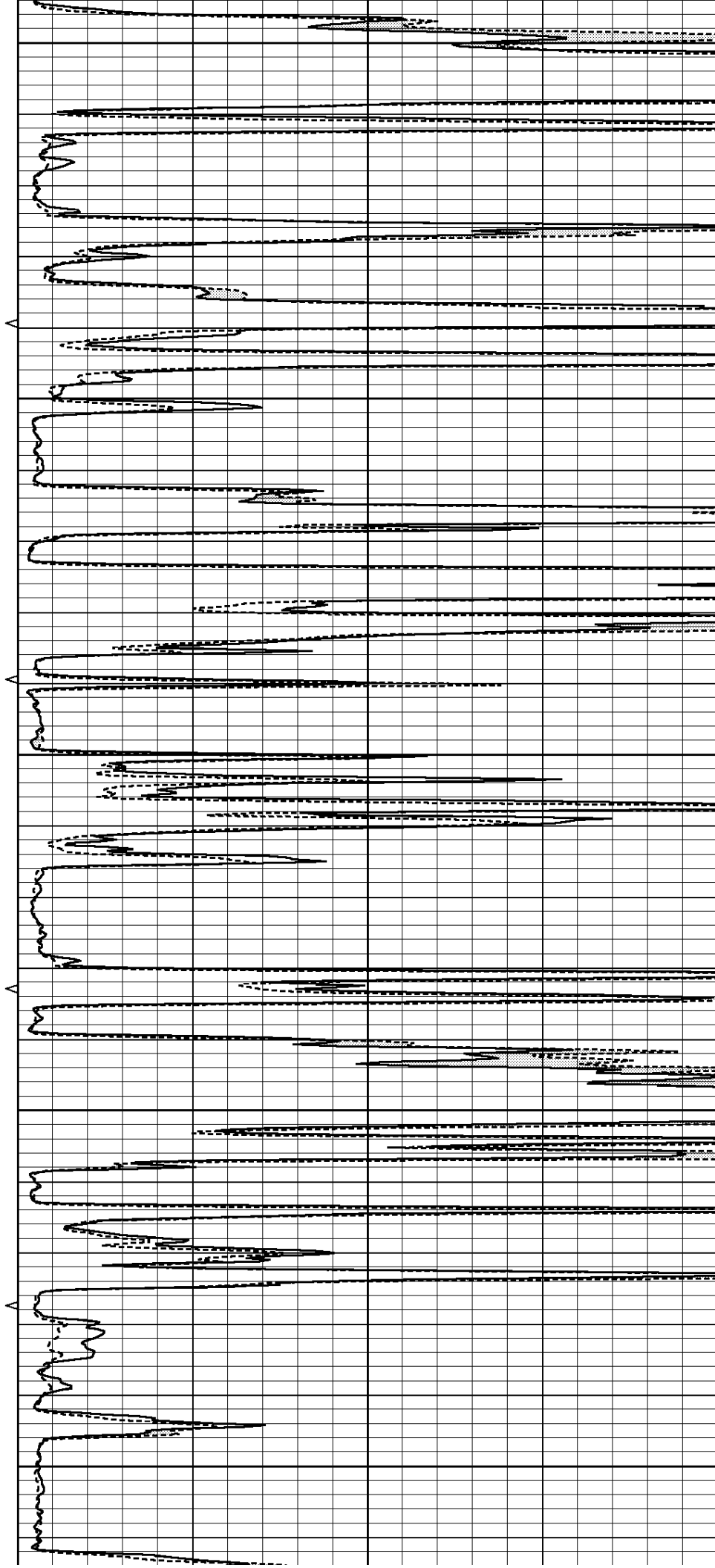
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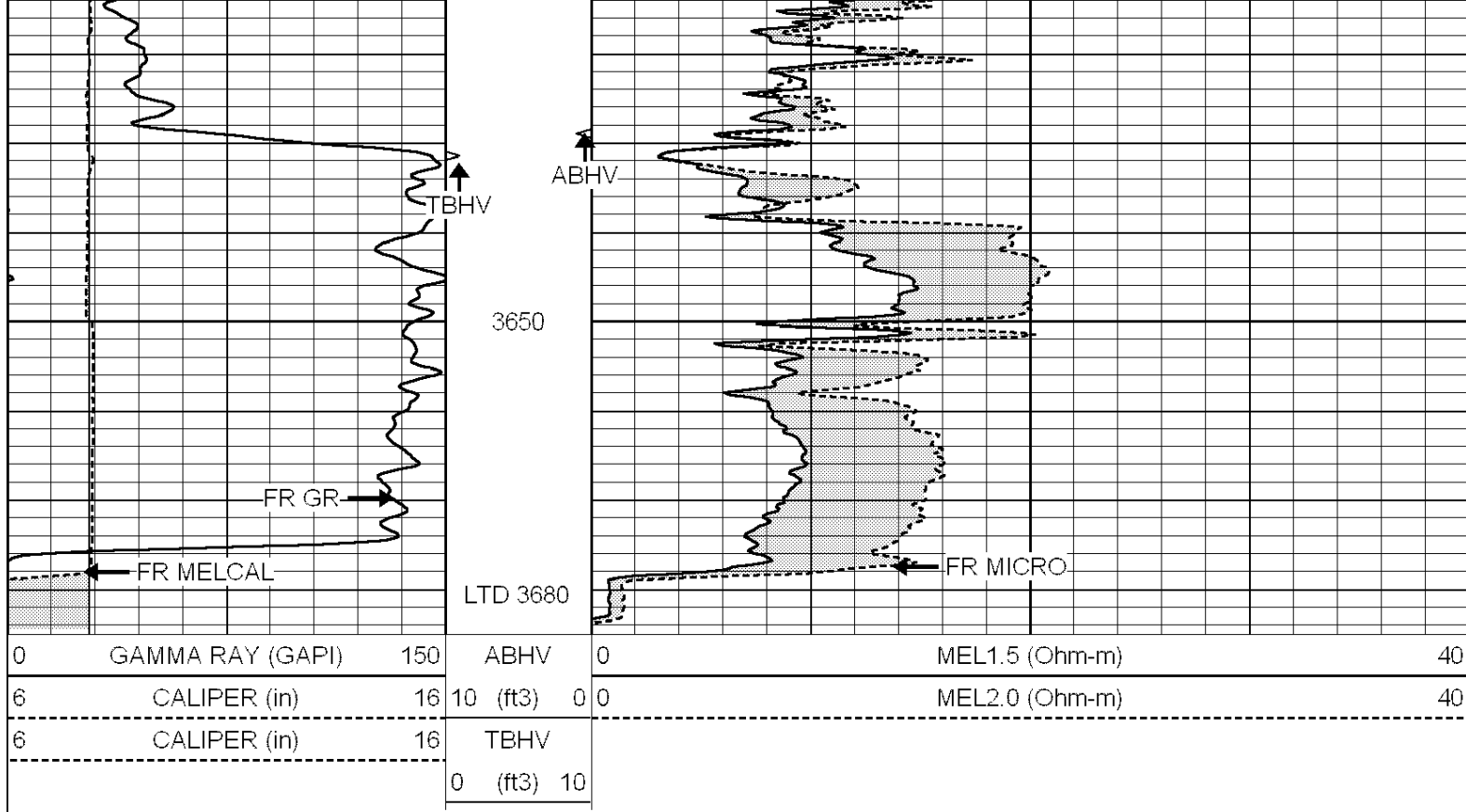
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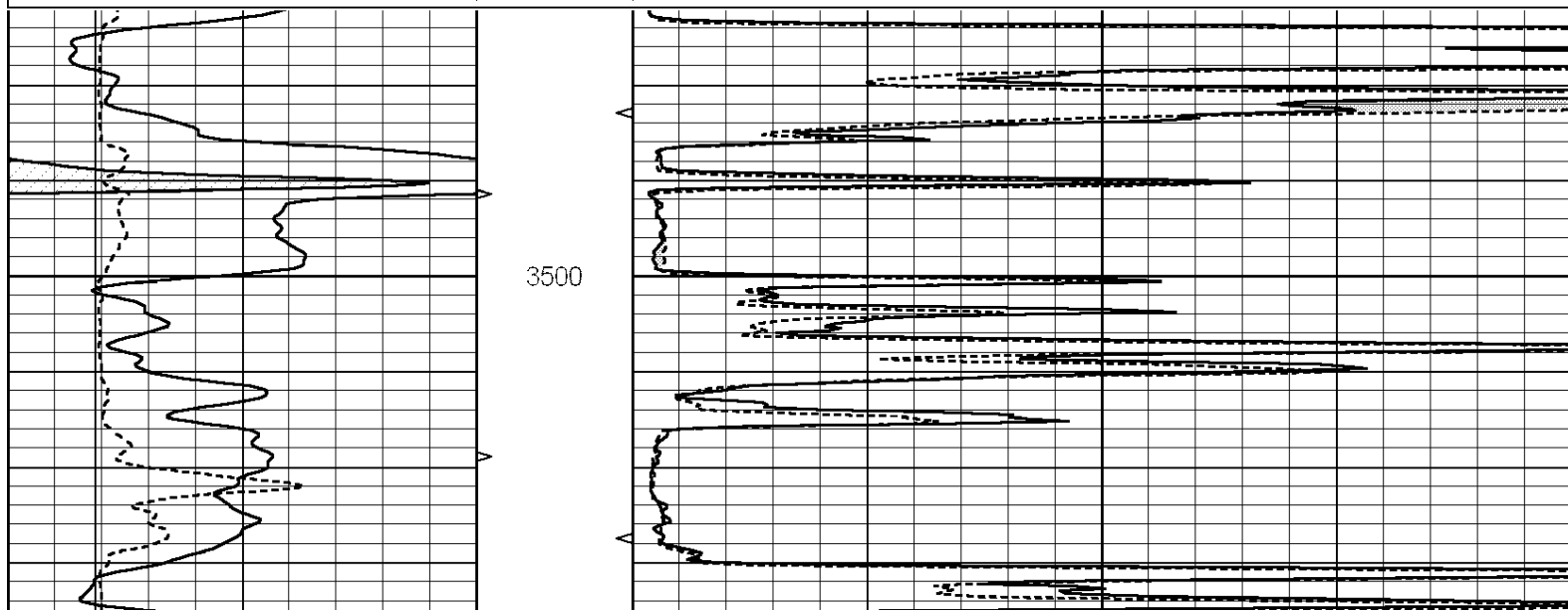


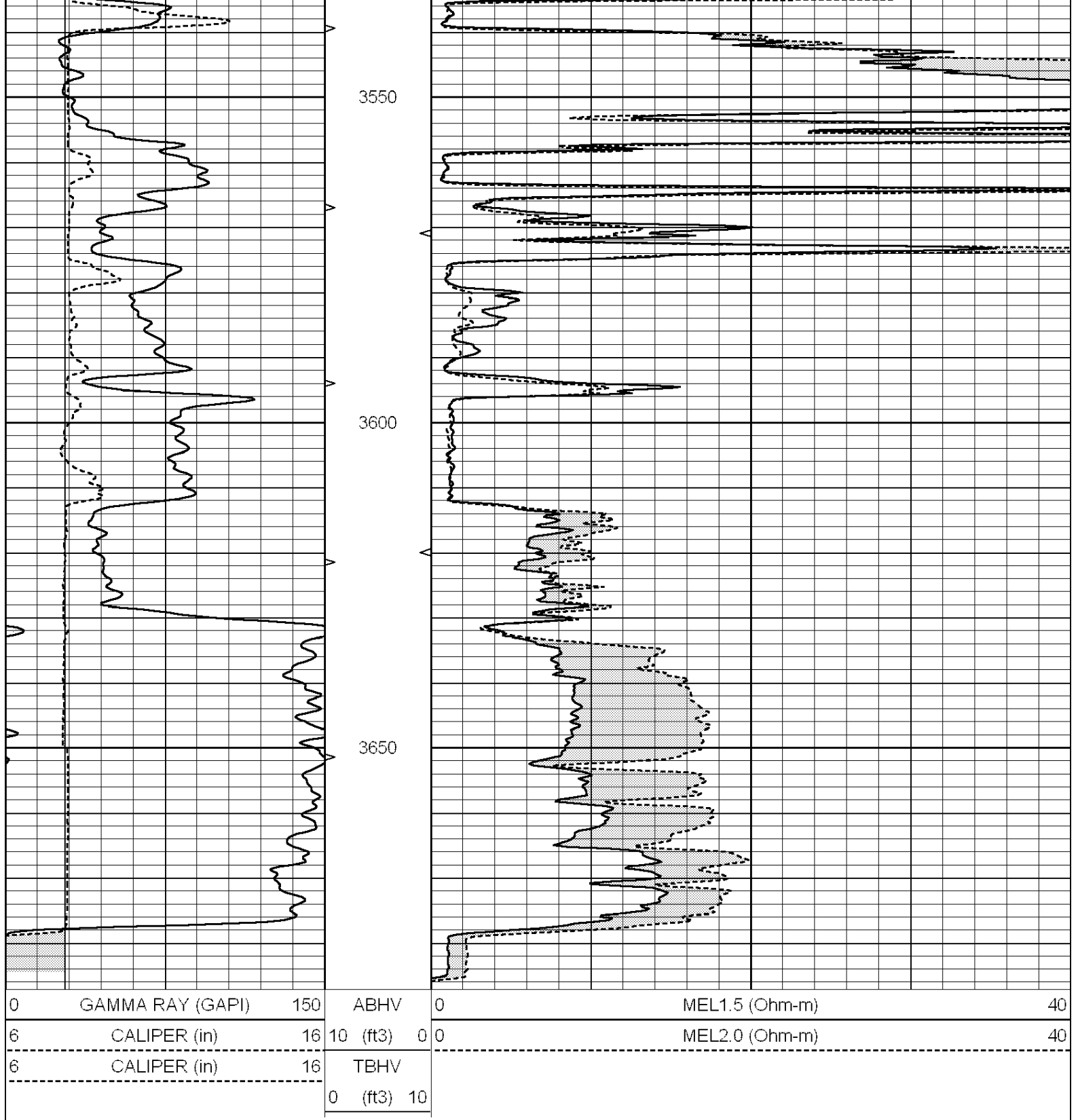


REPEAT SECTION

Database File: 009746ddn.db
 Dataset Pathname: pass2.1
 Presentation Format: _micro
 Dataset Creation: Wed Oct 10 13:24:49 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	MEL2.0 (Ohm-m)	40
6	CALIPER (in)	16	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 009746ddn.db
Dataset Pathname: pass2.1
Dataset Creation: Wed Oct 10 13:24:49 2012 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO3
Tool Model: PROBE
Performed: Thu Nov 17 03:06:31 2011

Caliper Calibration: Gain=3.916 Offset=-9.071

References	Low Cal 8.000	High Cal 14.000
Readings	4.257	5.789
1.5" Calibration:	Gain=90.000	Offset=-0.800
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	0.228
2" Calibration:	Gain=75.000	Offset=-0.500
References	Low Cal 0.000	High Cal 20.000
Readings	0.005	0.175
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