



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company DOWNING NELSON OIL COMPANY, INC.		Company DOWNING NELSON OIL COMPANY, INC.	
Well WILMA SCHOENDALLER #2-24		Well WILMA SCHOENDALLER #2-24	
Field WILDCAT		Field WILDCAT	
County ELLIS		County ELLIS	
State KANSAS		State KANSAS	
Location: 2310' FNL & 1750' FEL		API # : 15-051-26610-0000	
SEC 24 TWP 14S RGE 19W		Other Services CDL/CNL DIL	
Permanent Datum	GROUND LEVEL	Elevation	2119
Log Measured From	KELLY BUSHING & A.G.L.	K.B. 2127	
Drilling Measured From	KELLY BUSHING	D.F. 2125	
		G.L. 2119	
Date	10/11/13		
Run Number	TWO		
Depth Driller	3857		
Depth Logger	3857		
Bottom Logged Interval	3855		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 222'		
Casing Logger	220		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM	
Density / Viscosity	9.0/47		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.65 @ 80F		
Rmf @ Meas. Temp	.48 @ 80F		
Rmc @ Meas. Temp	.78 @ 80F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.45 @ 115F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	115F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	AL DOWNING		

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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:

HAYS, KS. - 1 S. ON EXPERIMENT STATION RD. TO SPRING HILL RD. - 2 W. TO 220 RD.
1 1/4 S. - W. INTO



**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File:

011794ddn.db

Dataset Pathname:

pass6.1

Presentation Format:

_micro

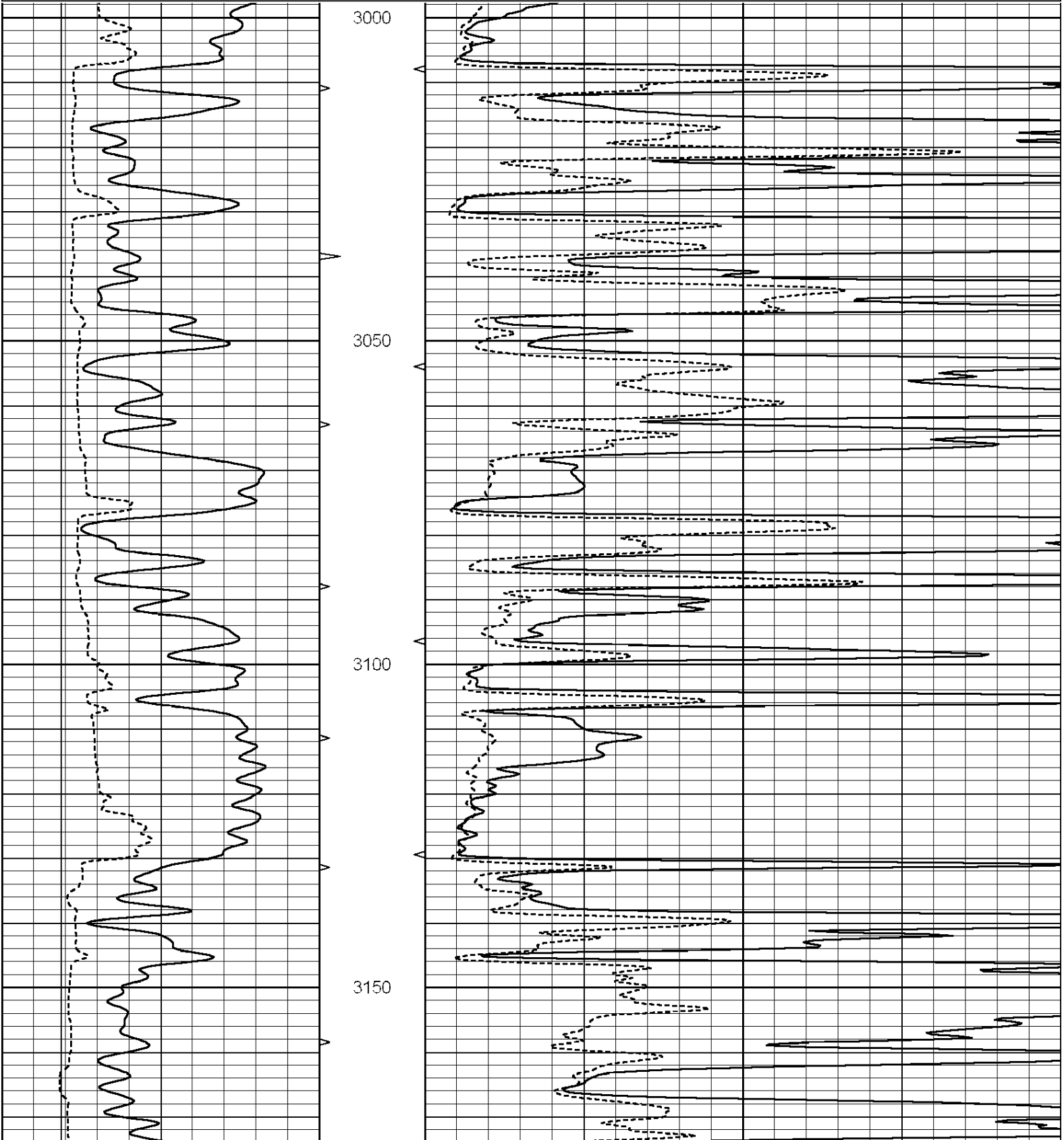
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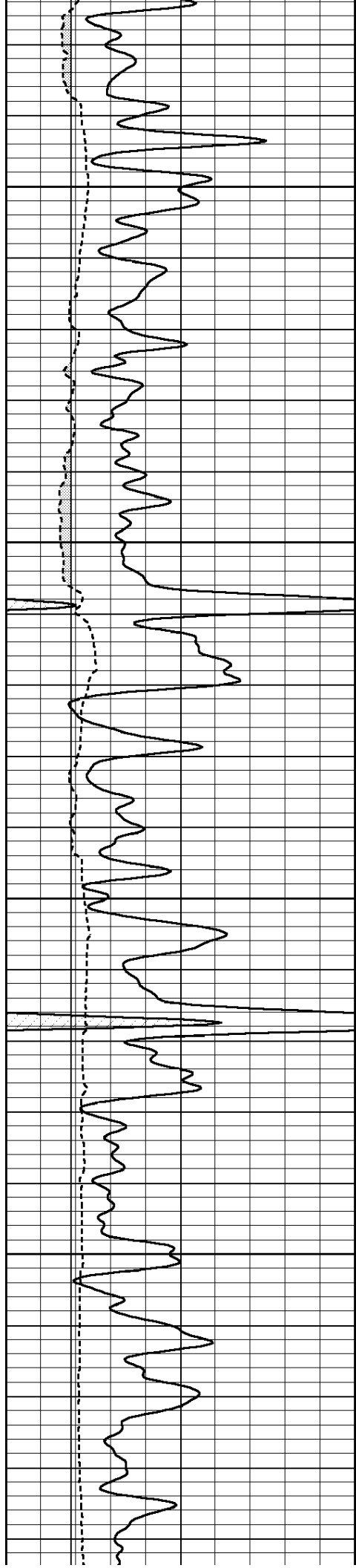
Fri Oct 11 08:33:25 2013 by Calc Open-Cased 090629

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 0	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			



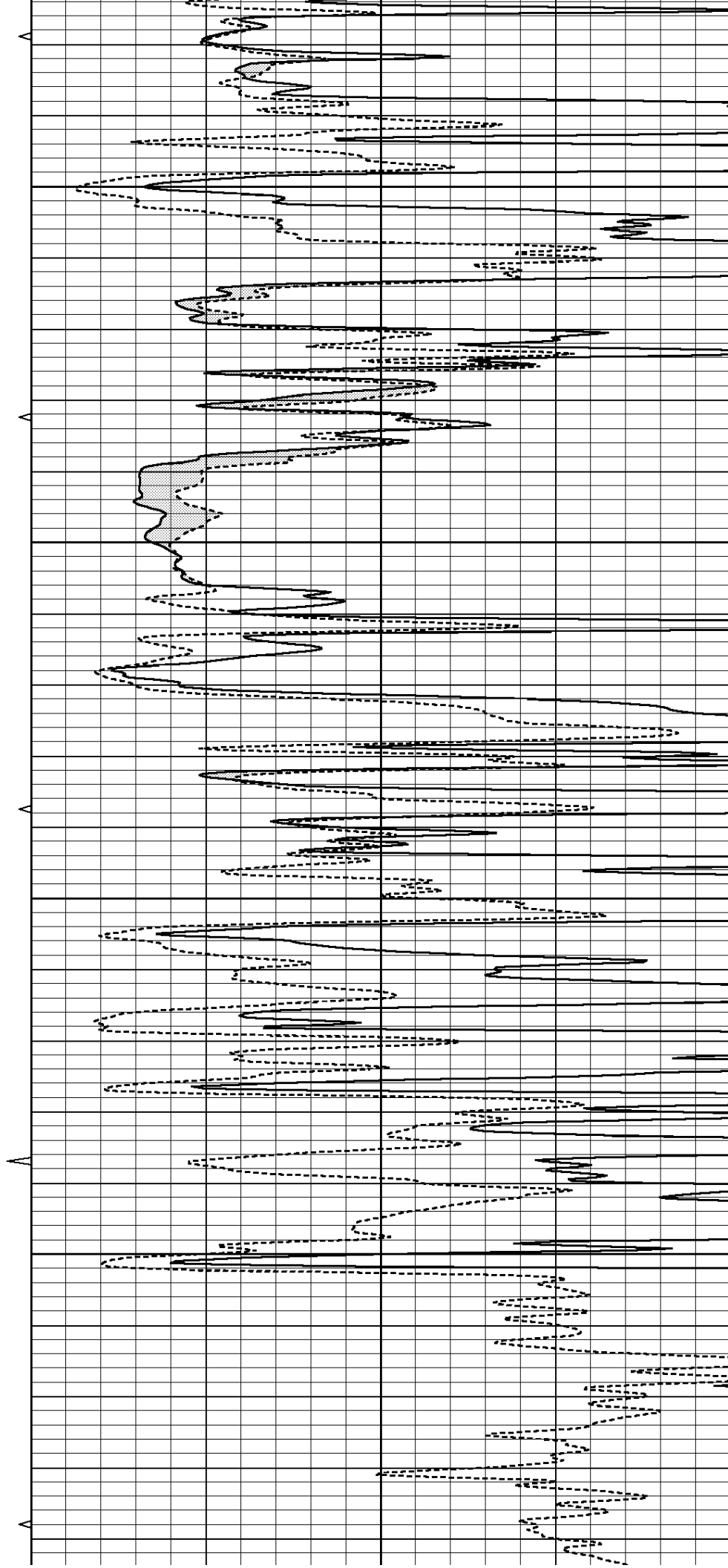


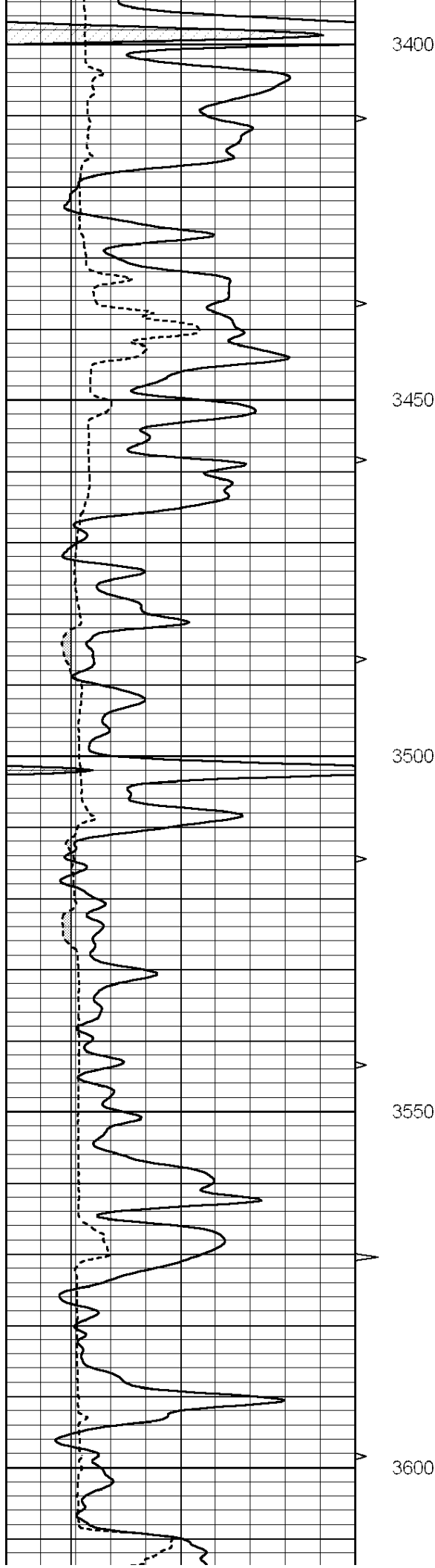
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3250

3300

3350





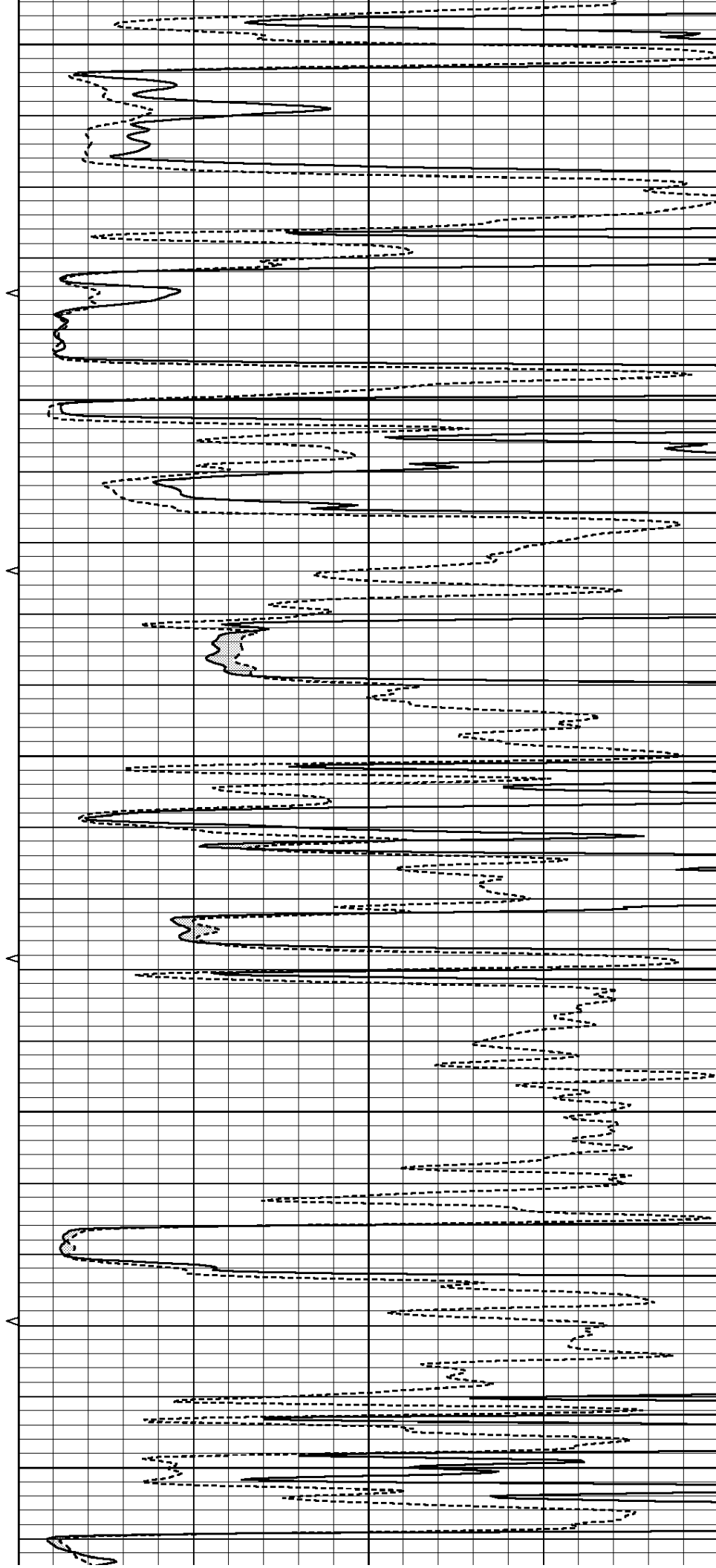
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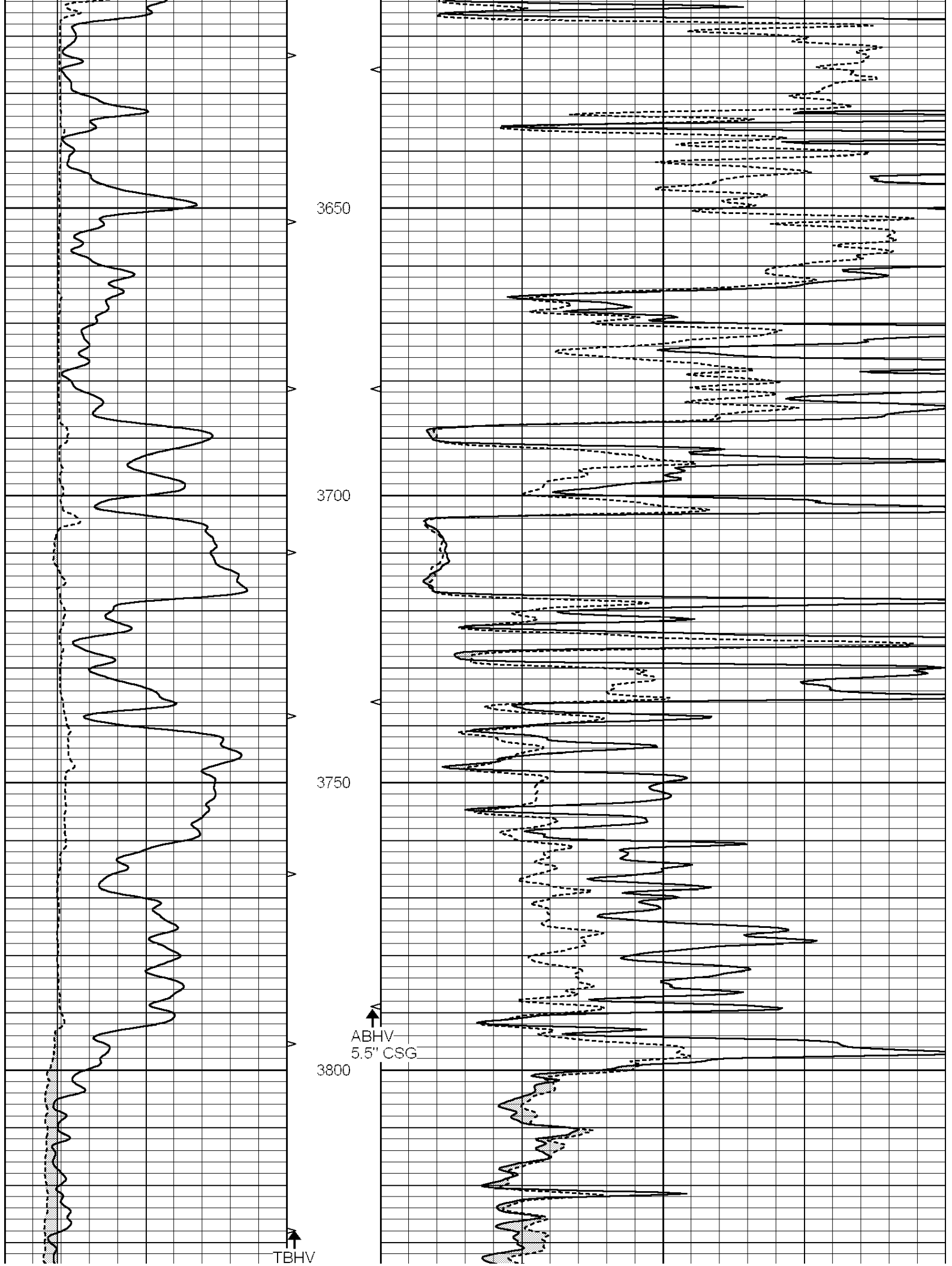
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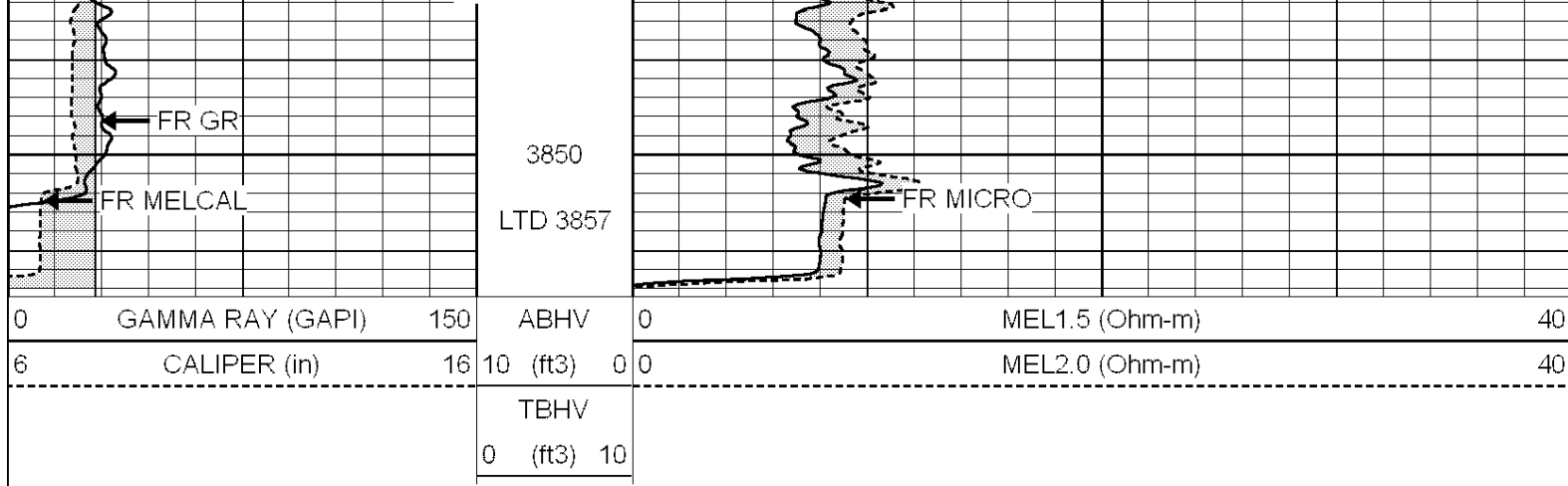
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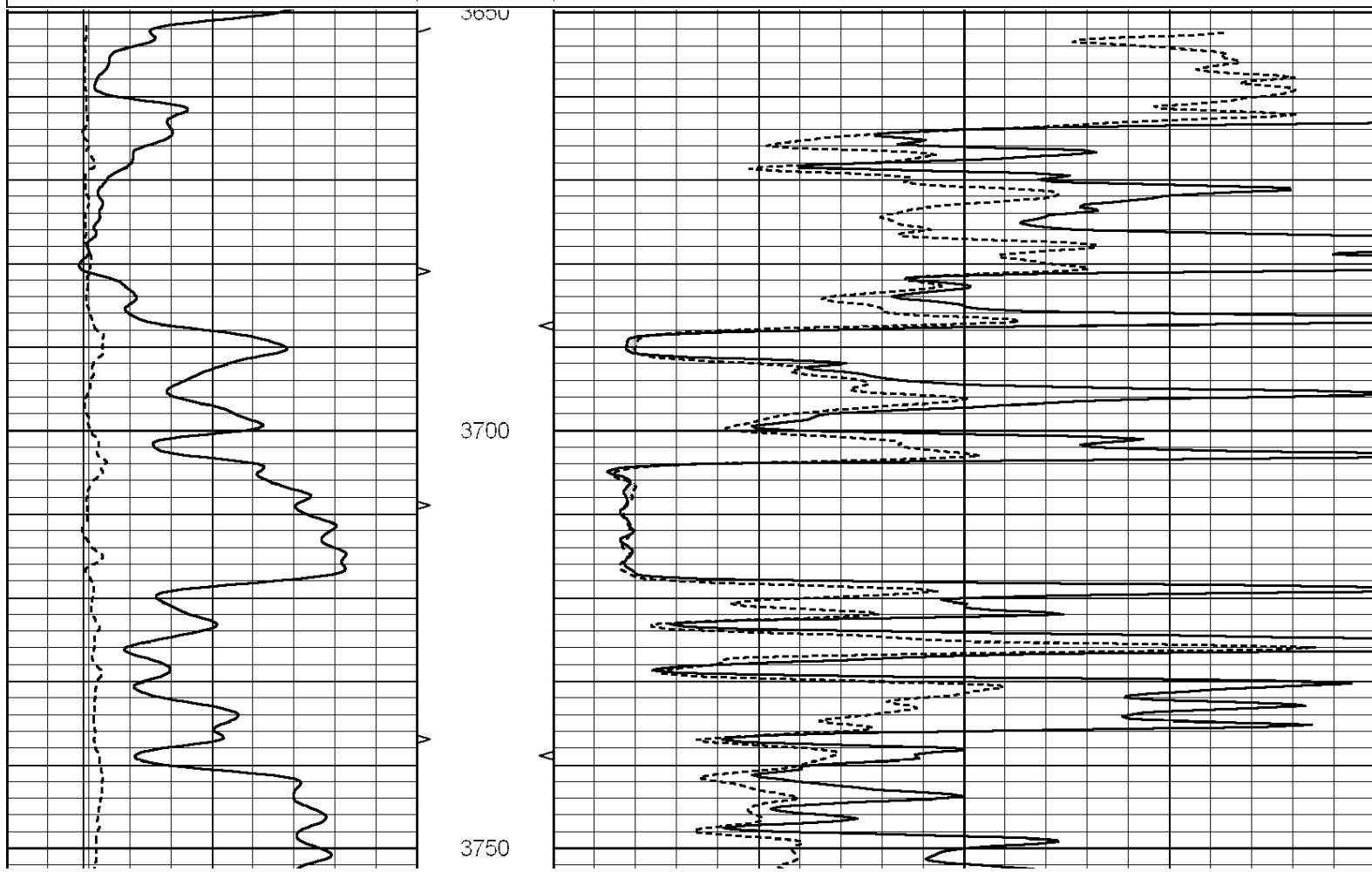
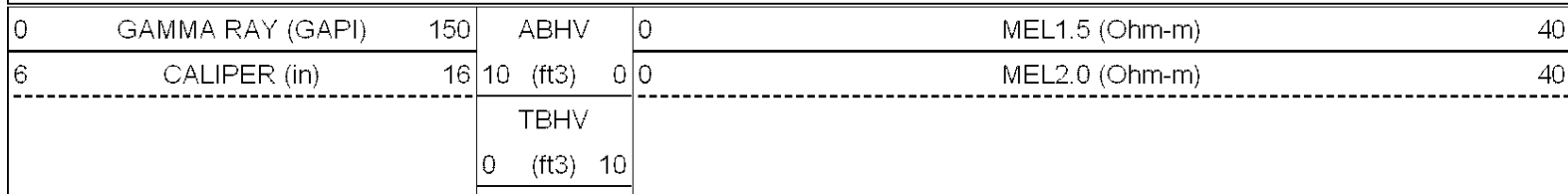


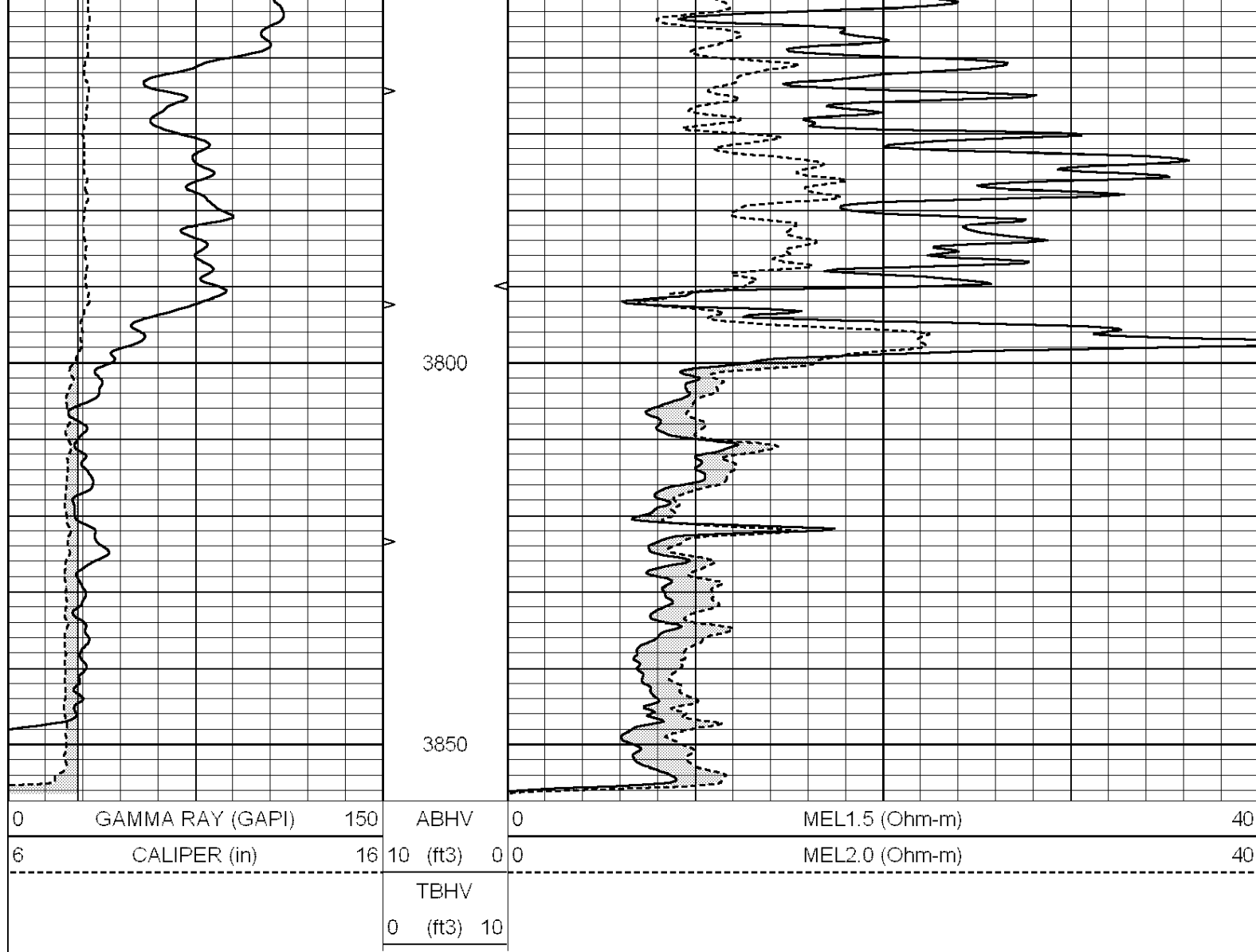




REPEAT SECTION

Database File: 011794ddn.db
 Dataset Pathname: pass5.2
 Presentation Format: _micro
 Dataset Creation: Fri Oct 11 08:23:37 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 011794ddn.db
 Dataset Pathname: pass5.2
 Dataset Creation: Fri Oct 11 08:23:37 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=-1.270
 References Low Cal High Cal
 Readings 8.000 14.000
 1.431 2.513

1.5" Calibration: Gain=45.075 Offset=-0.700
 References Low Cal High Cal
 Readings 0.000 20.000
 0.004 1.196

2" Calibration: Gain=77.041 Offset=-1.000
 References Low Cal High Cal
 Readings 0.000 20.000
 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