



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

MICRO LOG

Company		DOWNING - NELSON OIL CO. INC.	
Well		DIANA PFEIFER #1-14	
Field		WILDCAT	
County		ELLIS	
State		KANSAS	
Company		DOWNING - NELSON OIL COMPANY, INC.	
Well		DIANA PFEIFER #1-14	
Field		WILDCAT	
County		ELLIS	
State		KANSAS	
Location:		API # : 15-051-26465-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		Elevation 2077	
Drilling Measured From		KELLY BUSHING 8' A.G.L.	
SEC 14 TWP 13S RGE 19W		Other Services CDL/CNL DIL/SONIC	
Date		4/8/13	
Run Number		TWO	
Depth Driller		3793	
Depth Logger		3794	
Bottom Logged Interval		3772	
Top Log Interval		3000	
Casing Driller		8 5/8"@220'	
Casing Logger		220	
Bit Size		7 7/8"	
Type Fluid in Hole		CHEMICAL MUD	
Density / Viscosity		9.0/5.1	
pH / Fluid Loss		10.0/8.0	
Source of Sample		FLOWLINE	
Rim @ Meas. Temp		.580@84F	
Rmf @ Meas. Temp		.435@84F	
Rmc @ Meas. Temp		.696@84F	
Source of Rmf / Rmc		MEASUREMENT	
Rim @ BHT		.427@114F	
Time Circulation Stopped		4 HOURS	
Time Logger on Bottom		12:00 A.M.	
Maximum Recorded Temperature		114F	
Equipment Number		4854	
Location		HAYS, KANSAS	
Recorded By		JEFF LUEBBERS	
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" HAYS, KANSAS (785) 628-6395
DIRECTIONS
HAYS, KS. (PEANUT HOUSE) 2N., W. INTO



NABORS
COMPLETION
& PRODUCTION

MAIN SECTION

Database File:

010736ddn.db

Dataset Pathname:

pass6.3

Presentation Format:

micro

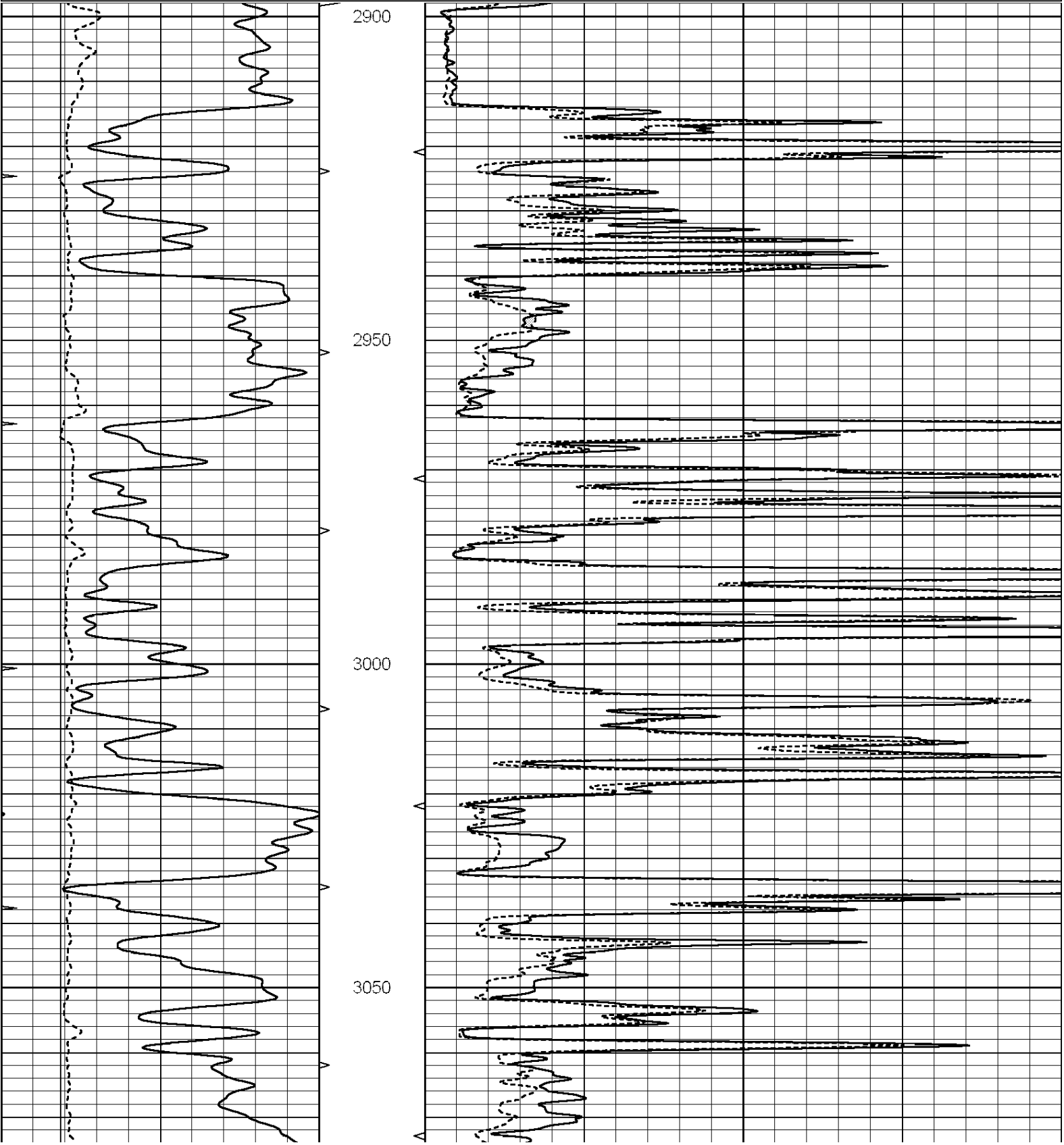
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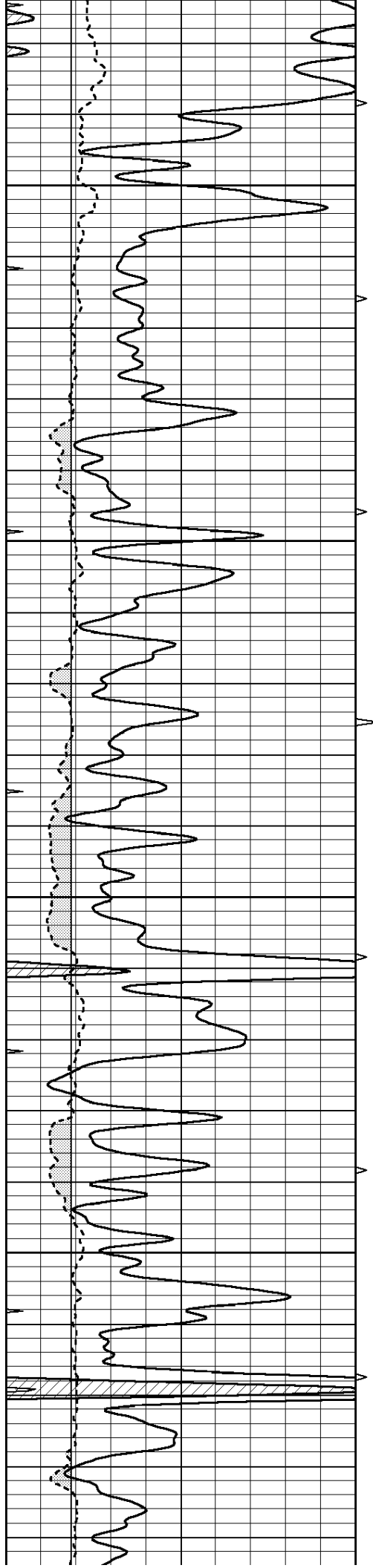
Mon Apr 08 02:47:10 2013 by Calc SOC 120430

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
0	MINMK	20	TBHV			
			0 (ft3)	10		



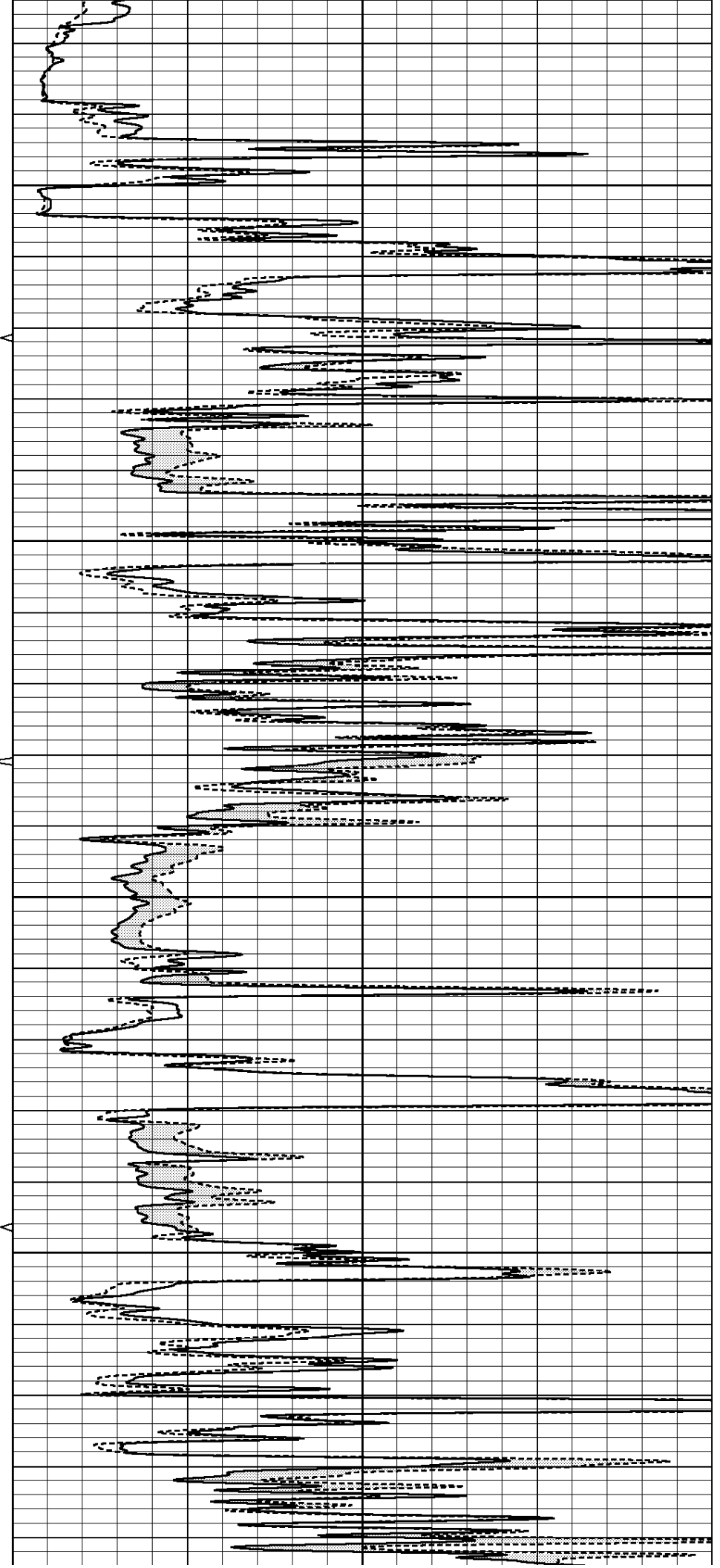


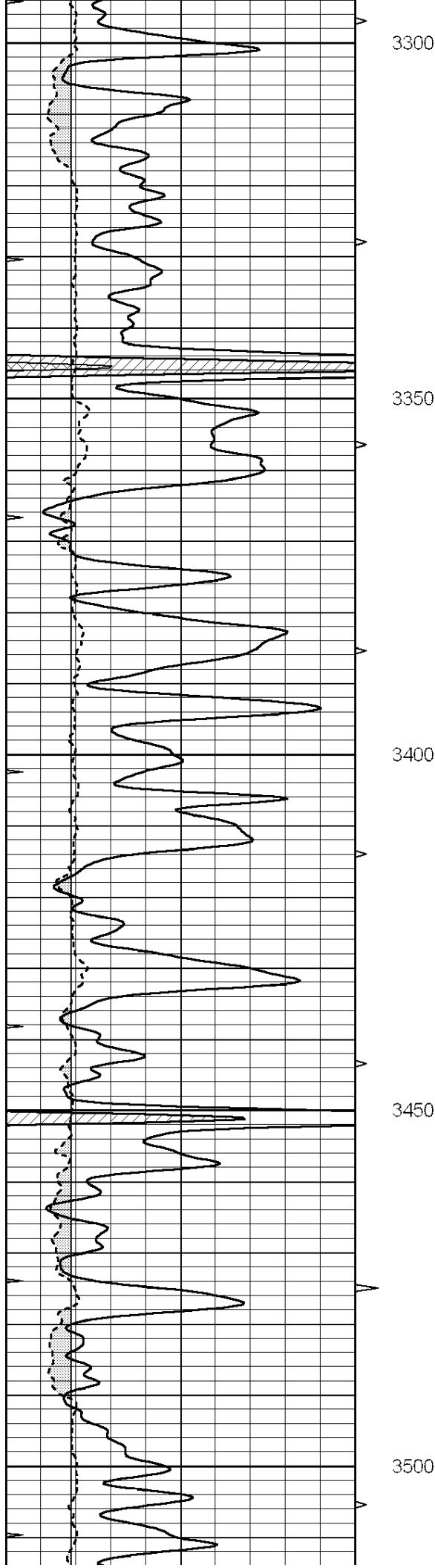
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3150

3200

3250





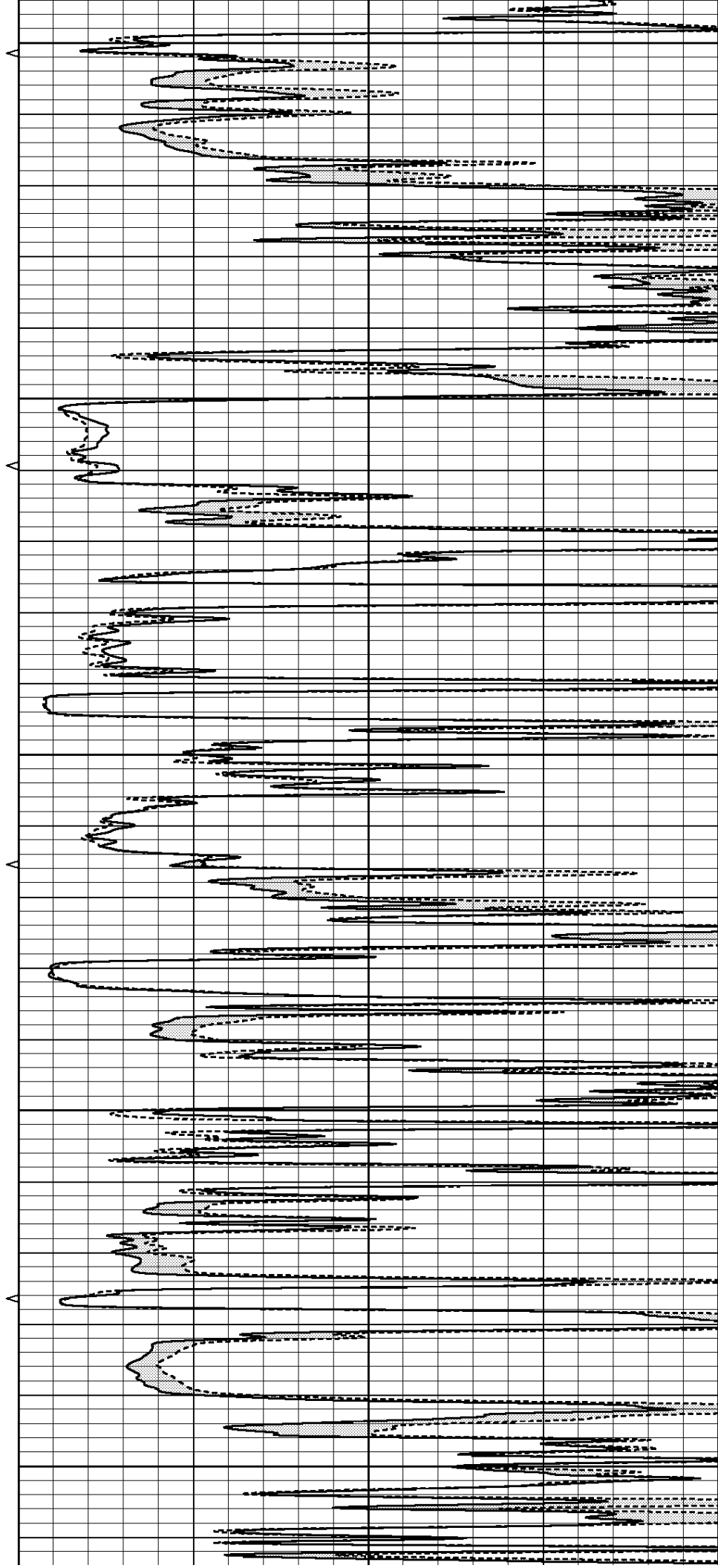
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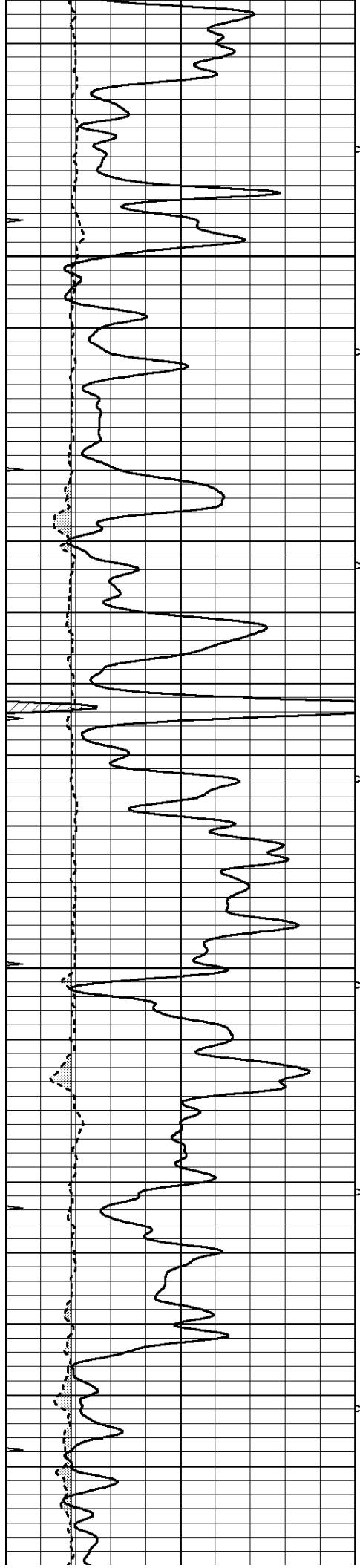
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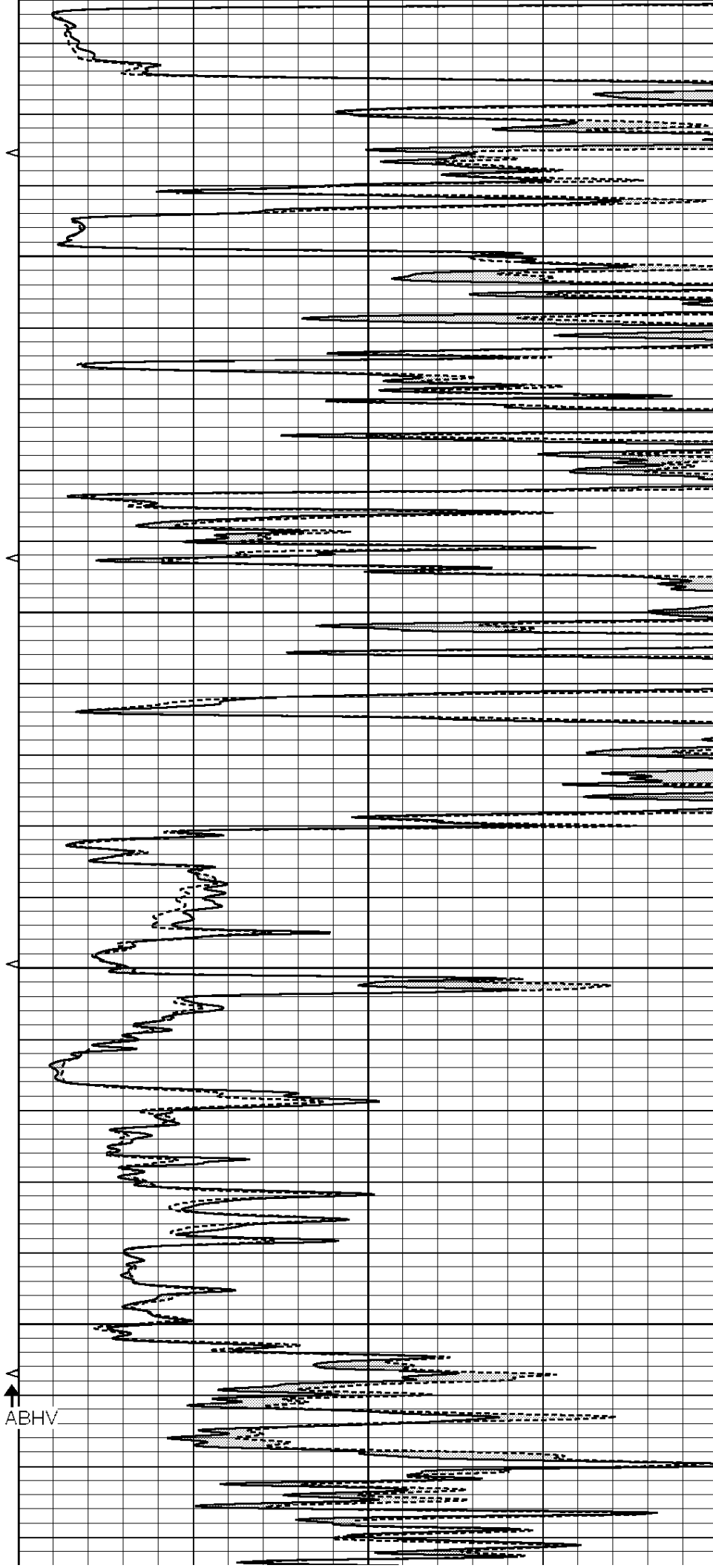
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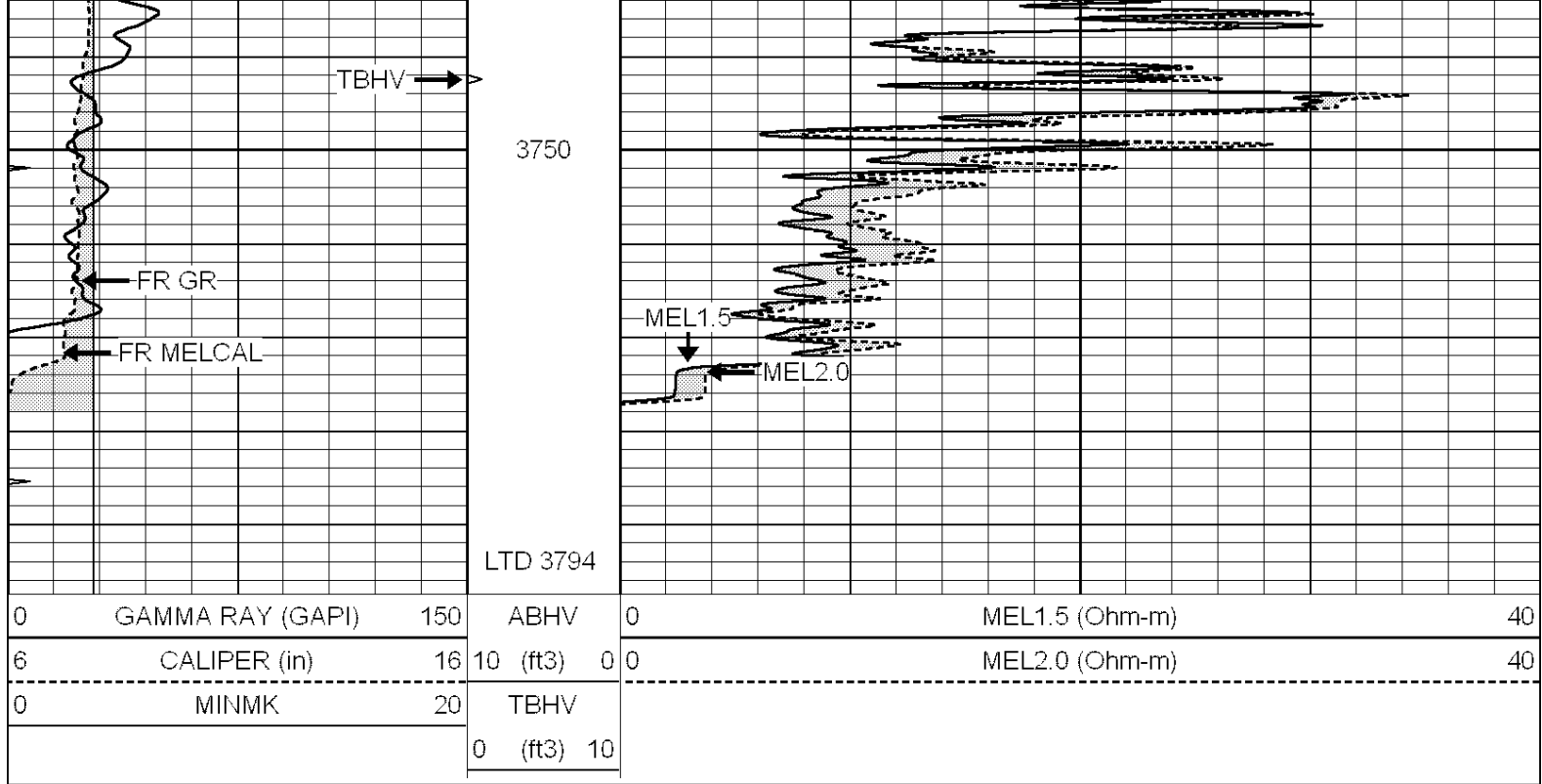
3600

3650

3700

5.5" ABHV





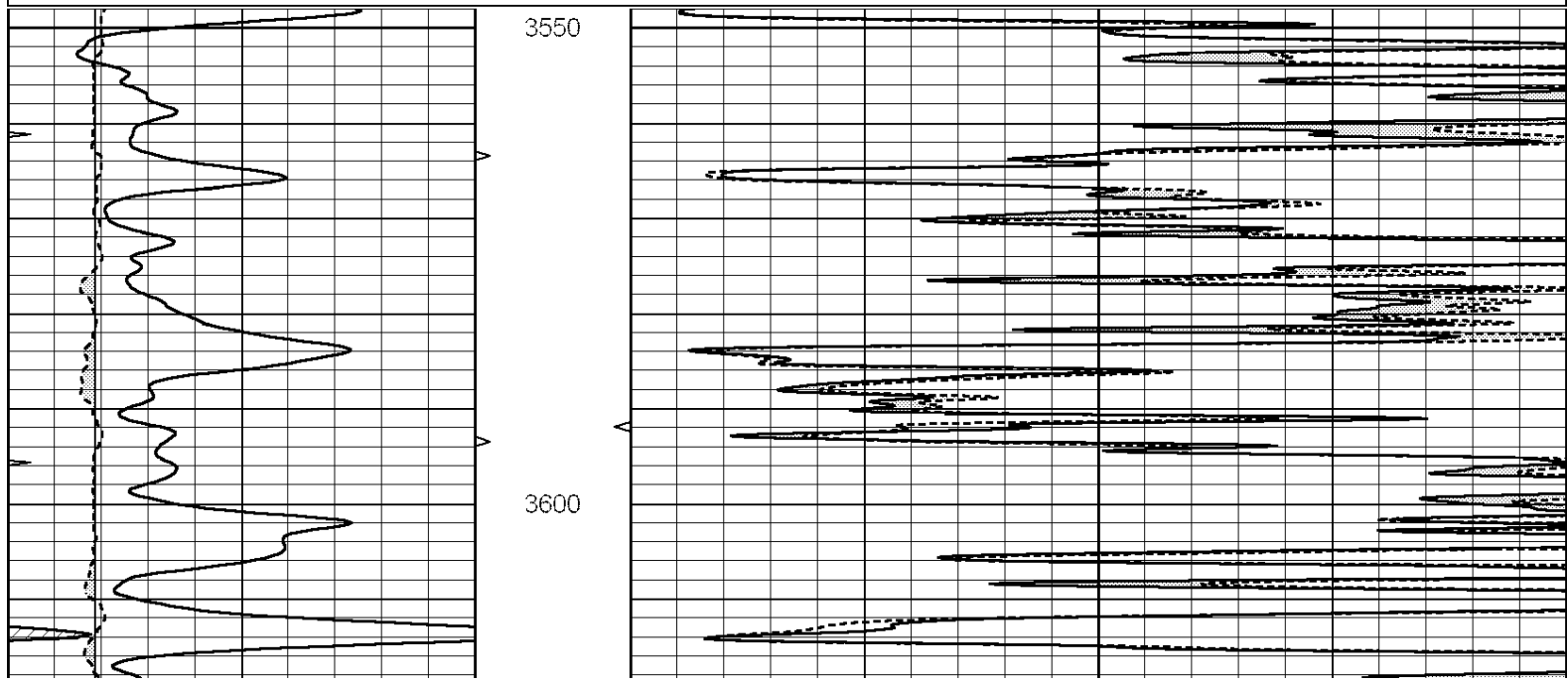


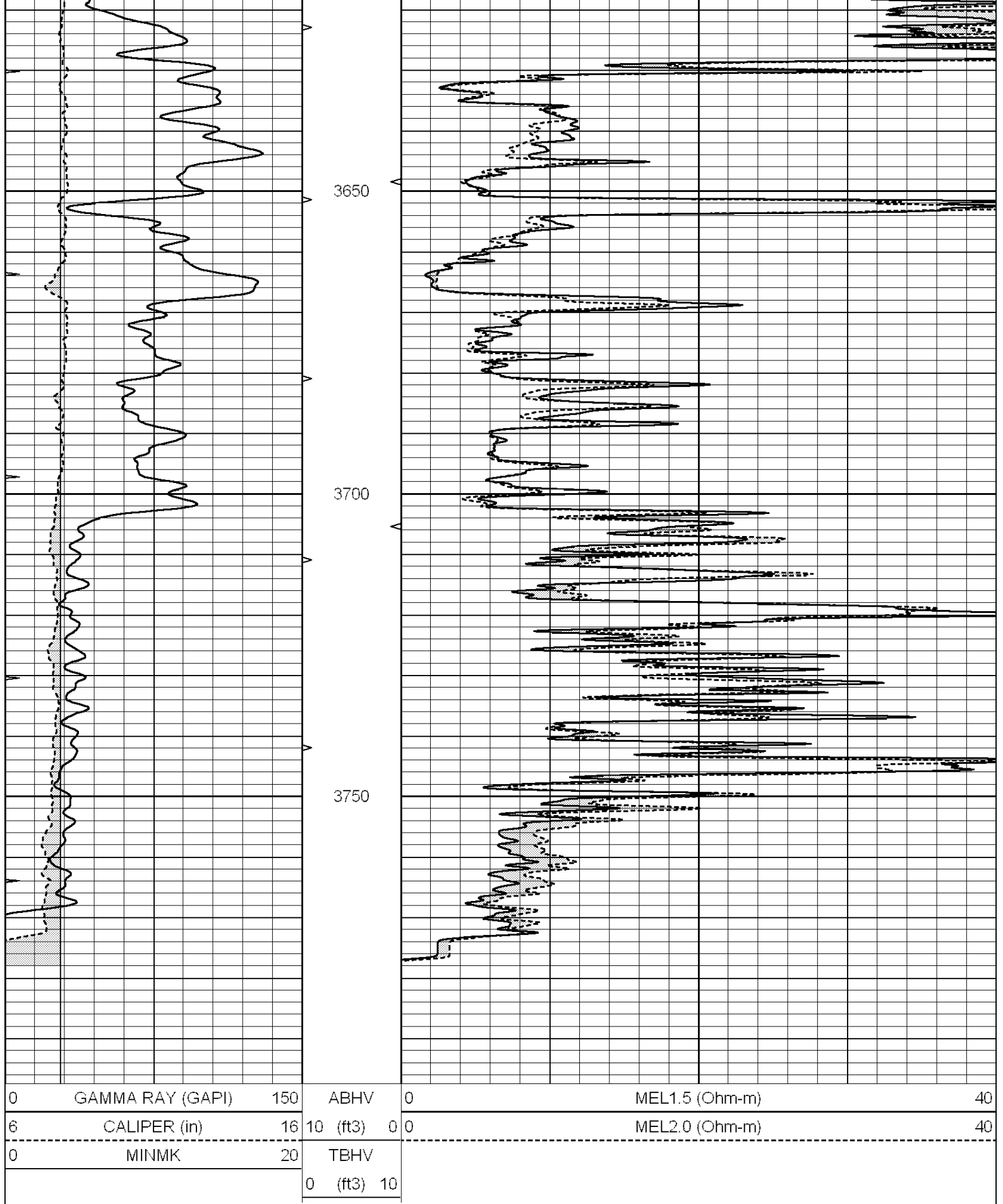
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REPEAT SECTION

Database File: 010736ddn.db
 Dataset Pathname: pass5.3
 Presentation Format: micro
 Dataset Creation: Mon Apr 08 02:40:02 2013 by Calc SOC 120430
 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
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report

Database File: 010736ddn.db
 Dataset Pathname: pass6.3
 Dataset Creation: Mon Apr 08 02:47:10 2013 by Calc SOC 120430

MICRO Calibration Report		
Serial Number: Tool Model: Performed:	MICRO5 PROBE Mon Apr 08 01:24:22 2013	
Caliper Calibration:	Gain=3.553	Offset=-6.490
References	Low Cal	High Cal
Readings	8.100	15.000
	4.106	6.048
1.5" Calibration:	Gain=42.000	Offset=-1.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.015	1.005
2" Calibration:	Gain=48.000	Offset=-0.500
References	Low Cal	High Cal
Readings	0.000	20.000
	0.009	0.910
Gamma Ray Calibration Report		
Serial Number: Tool Model: Performed:	GR3 OPEN Sun Apr 07 07:00:45 2013	
Calibrator Value:	200.0	GAPI
Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps
Sensitivity:	1.5000	GAPI/cps