



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	WERTH EXPLORATION TRUST		
Well	A. WORCESTER #1		
Field	LAST HOPE NORTHEAST		
County	GRAHAM	State	KANSAS
Location:	API # : 15-065-23960-0000 1966' FSL & 1023' FEL NW - SW - NE - SE SEC 34 TWP 6S RGE 22W		Other Services CDL/CNL DIL
Permanent Datum	GROUND LEVEL	Elevation	2244
Log Measured From	KELLY BUSHING 5' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	8/11/13		
Run Number	TWO		
Depth Driller	3870		
Depth Logger	3870		
Bottom Logged Interval	3868		
Top Log Interval	3000		
Casing Driller	8 5/8"@218'		
Casing Logger	218		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 800 PPM	
Density / Viscosity	9.5/50		
pH / Fluid Loss	9.5/8.0		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.950@92F		
Rinf @ Meas. Temp	.713@92F		
Rinc @ Meas. Temp	1.14@92F		
Source of Rinf / Rinc	MEASUREMENT		
Rin @ BHT	.760@115F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	1:45 A.M.		
Maximum Recorded Temperature	115F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	STEVE REED	JOHN BECKER	

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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

BOGUE, KS.(JUNCTION OF HWY 18 & 24) 2W. ON HWY 24 TO "RD. 340", 7N. TO "Y RD.", 2W., N. INTO

Database File:

011653ddn.db

Dataset Pathname:

pass6.5

Presentation Format:

micro

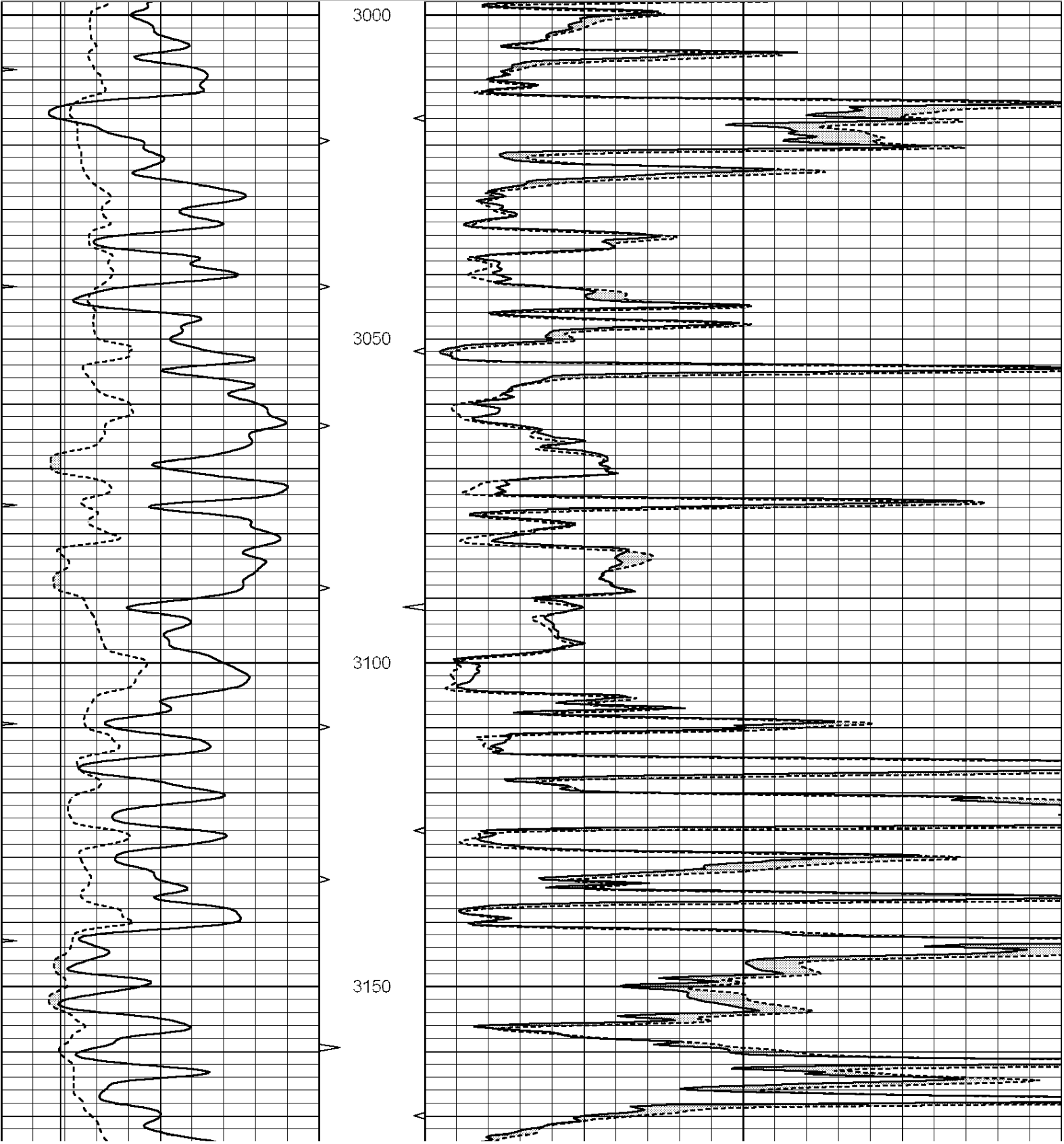
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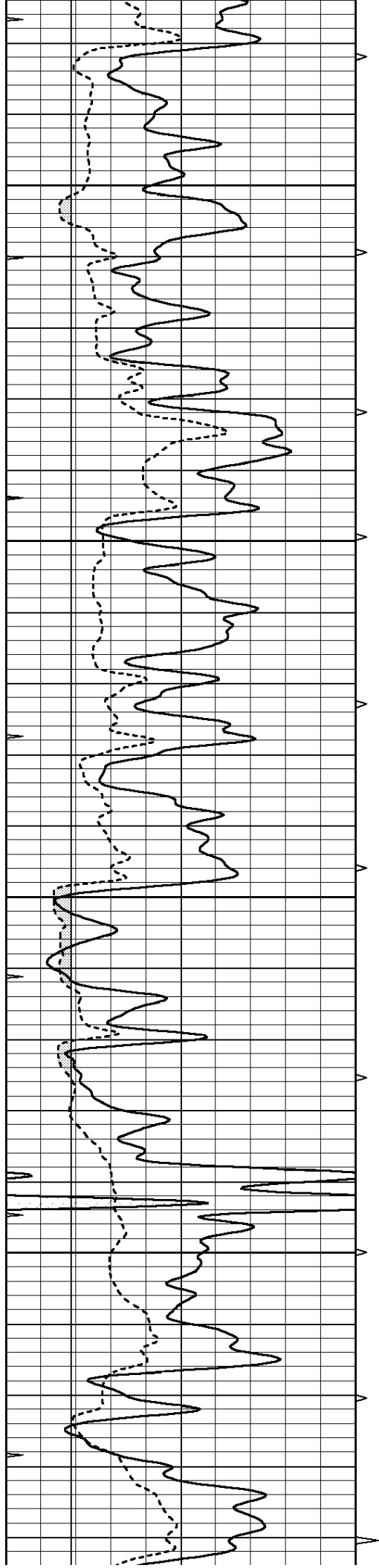
Mon Aug 12 04:44:00 2013

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		



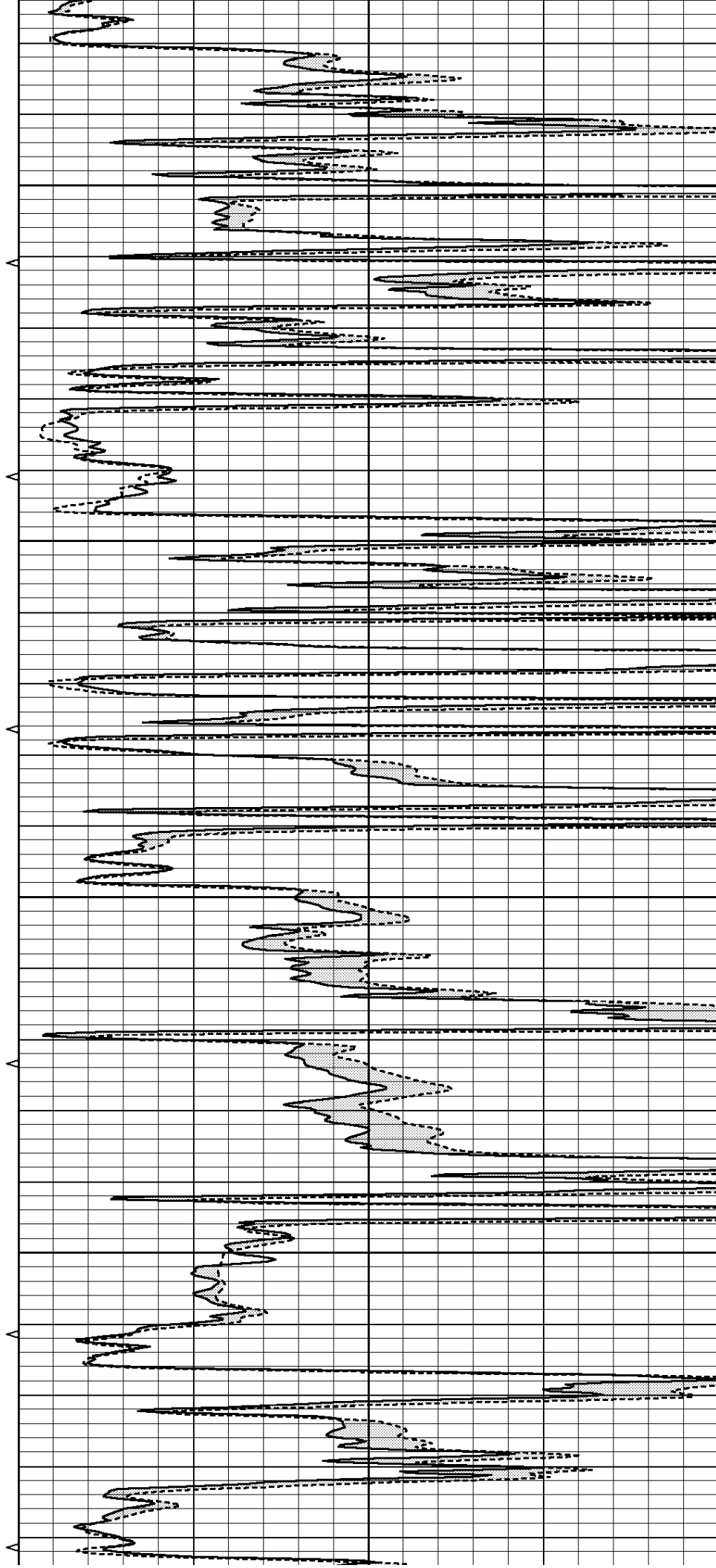


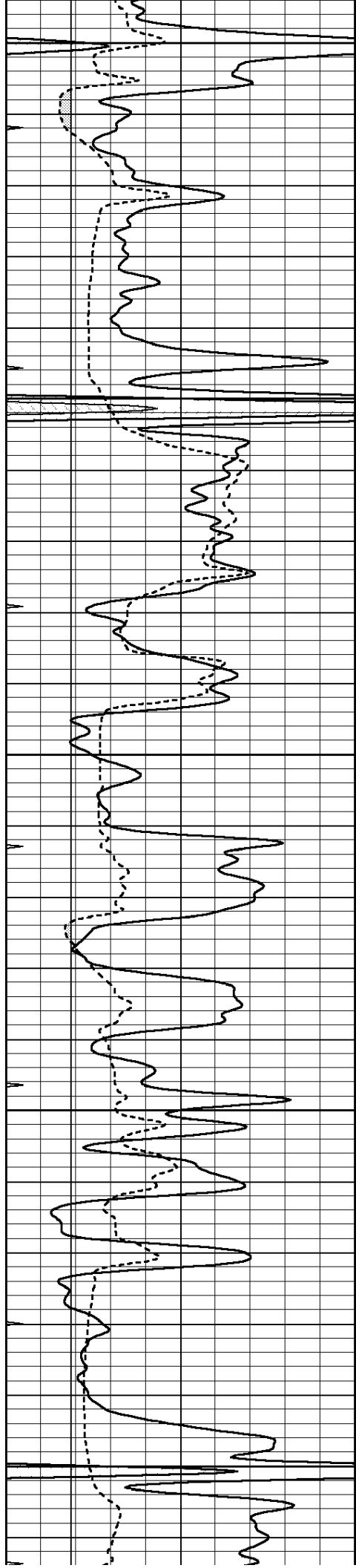
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3250

3300

3350





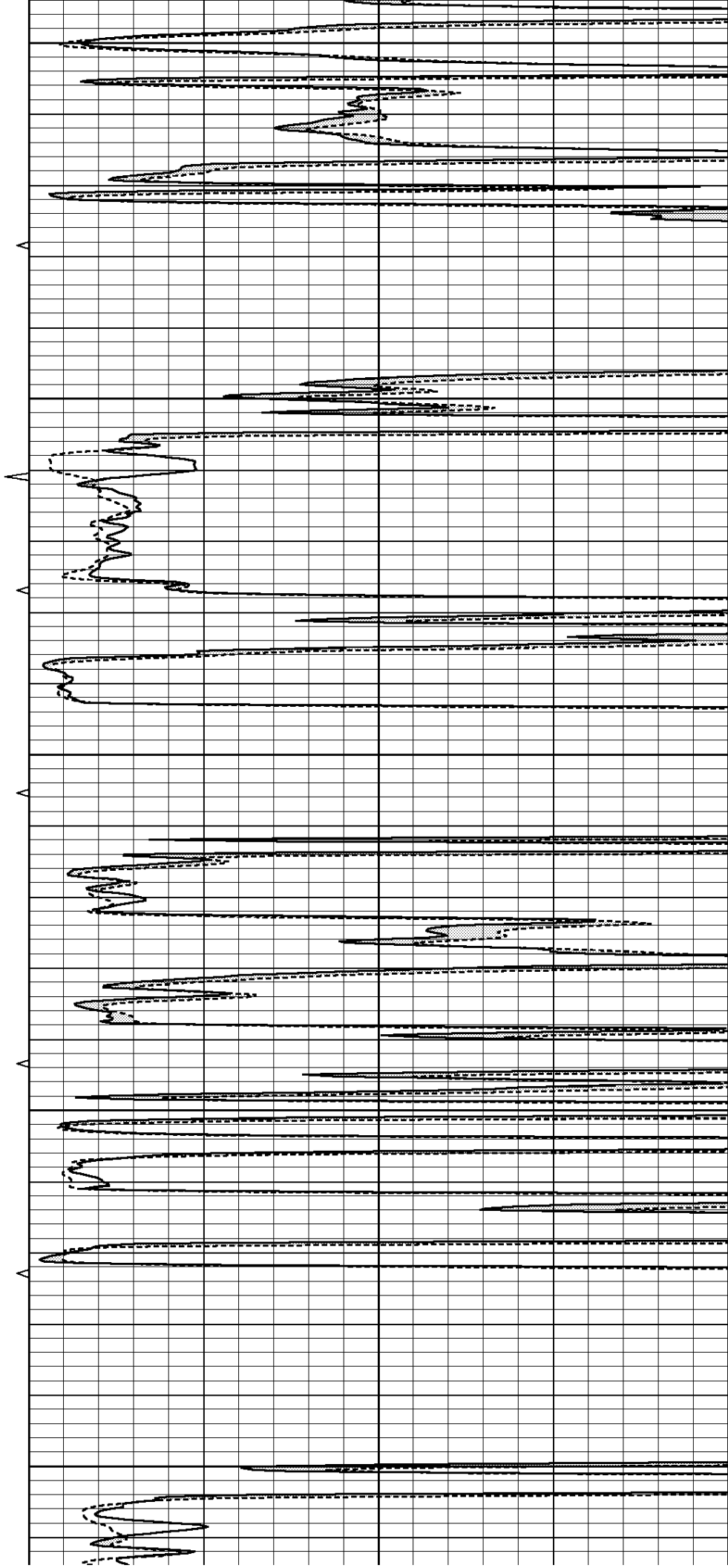
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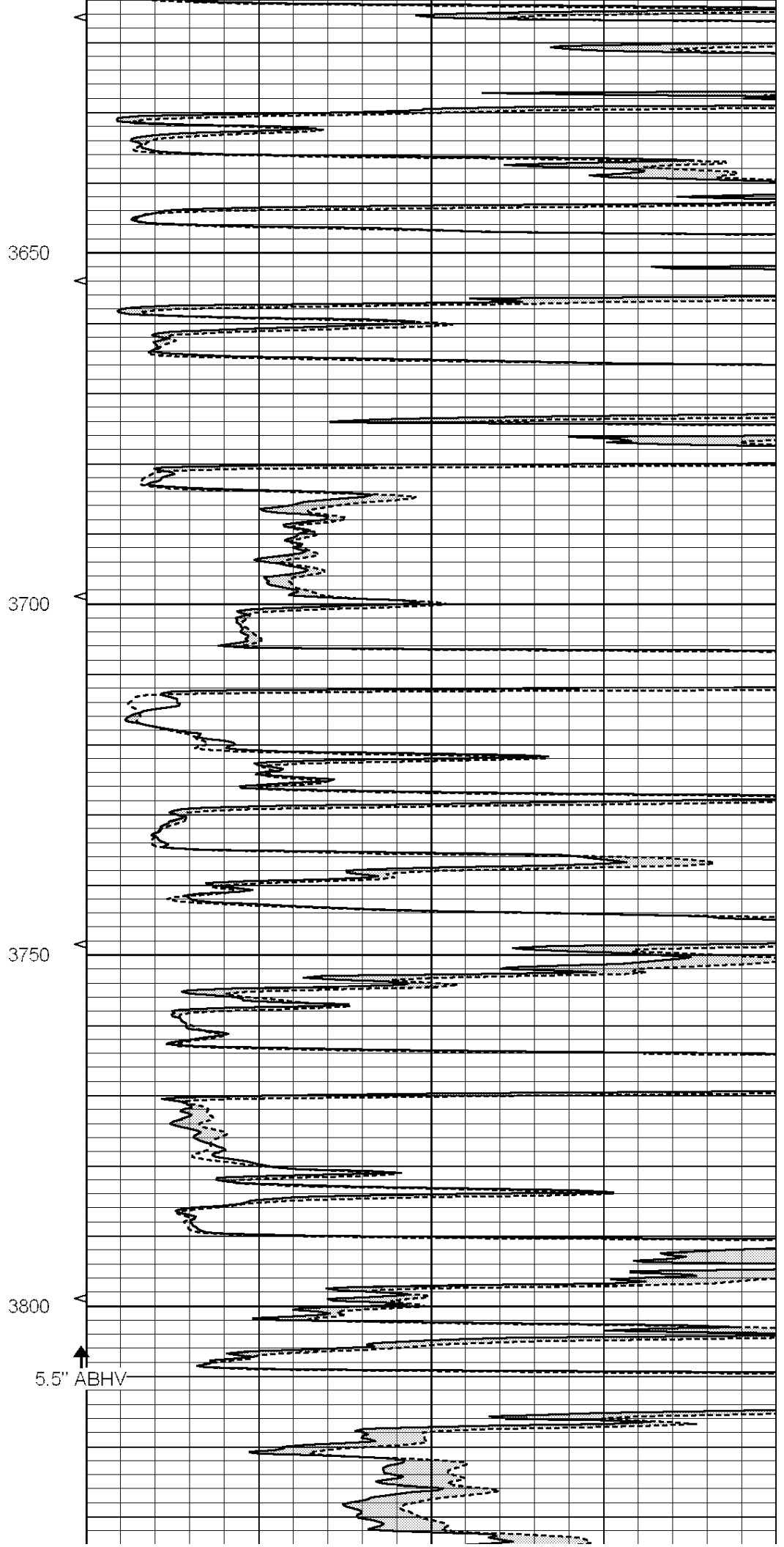
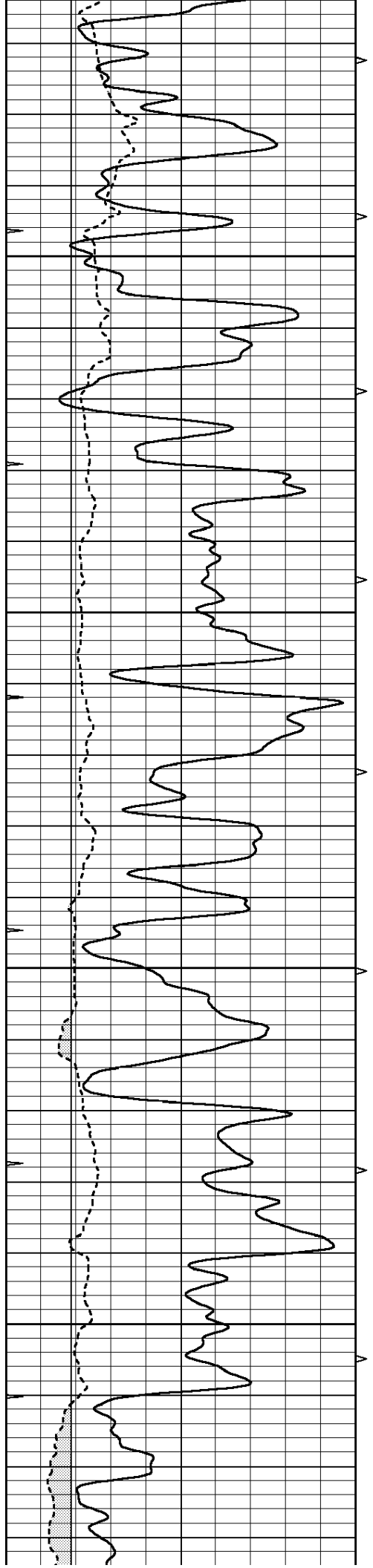
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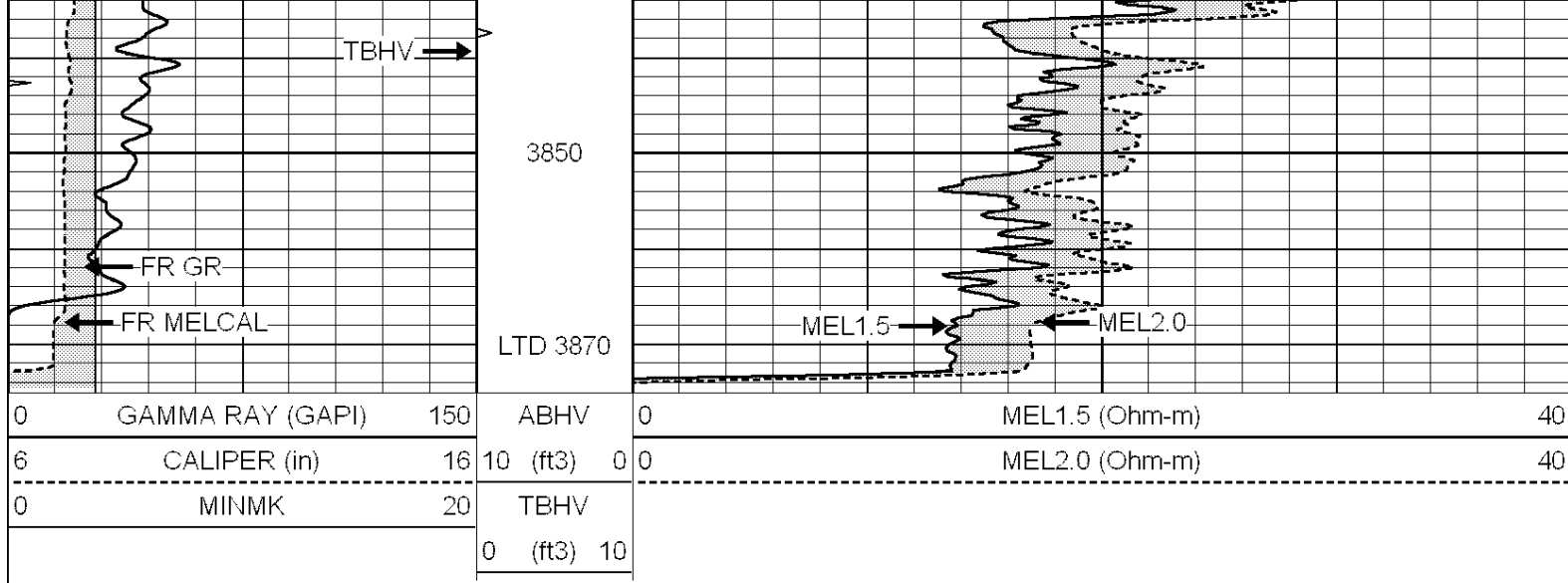
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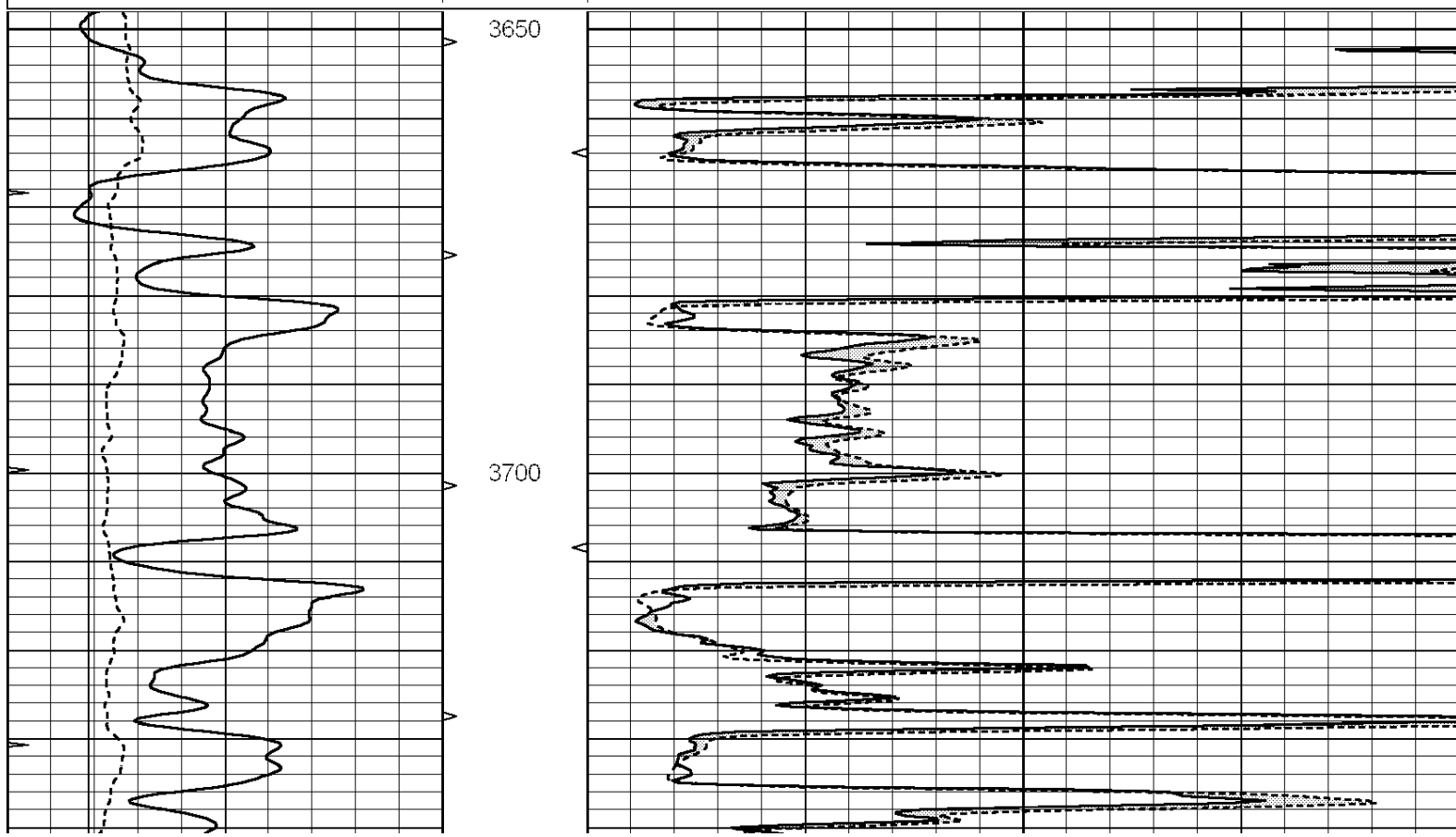
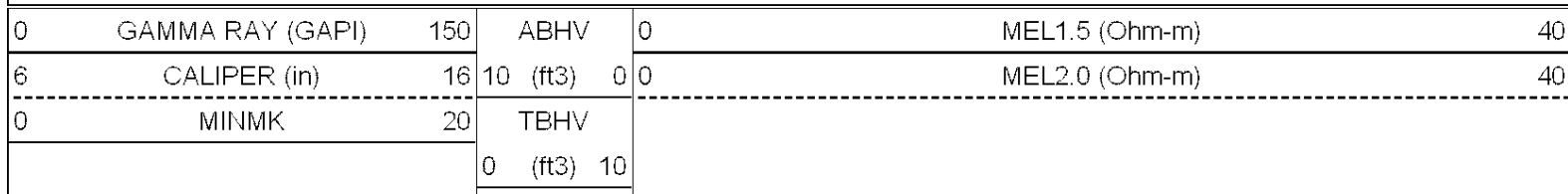


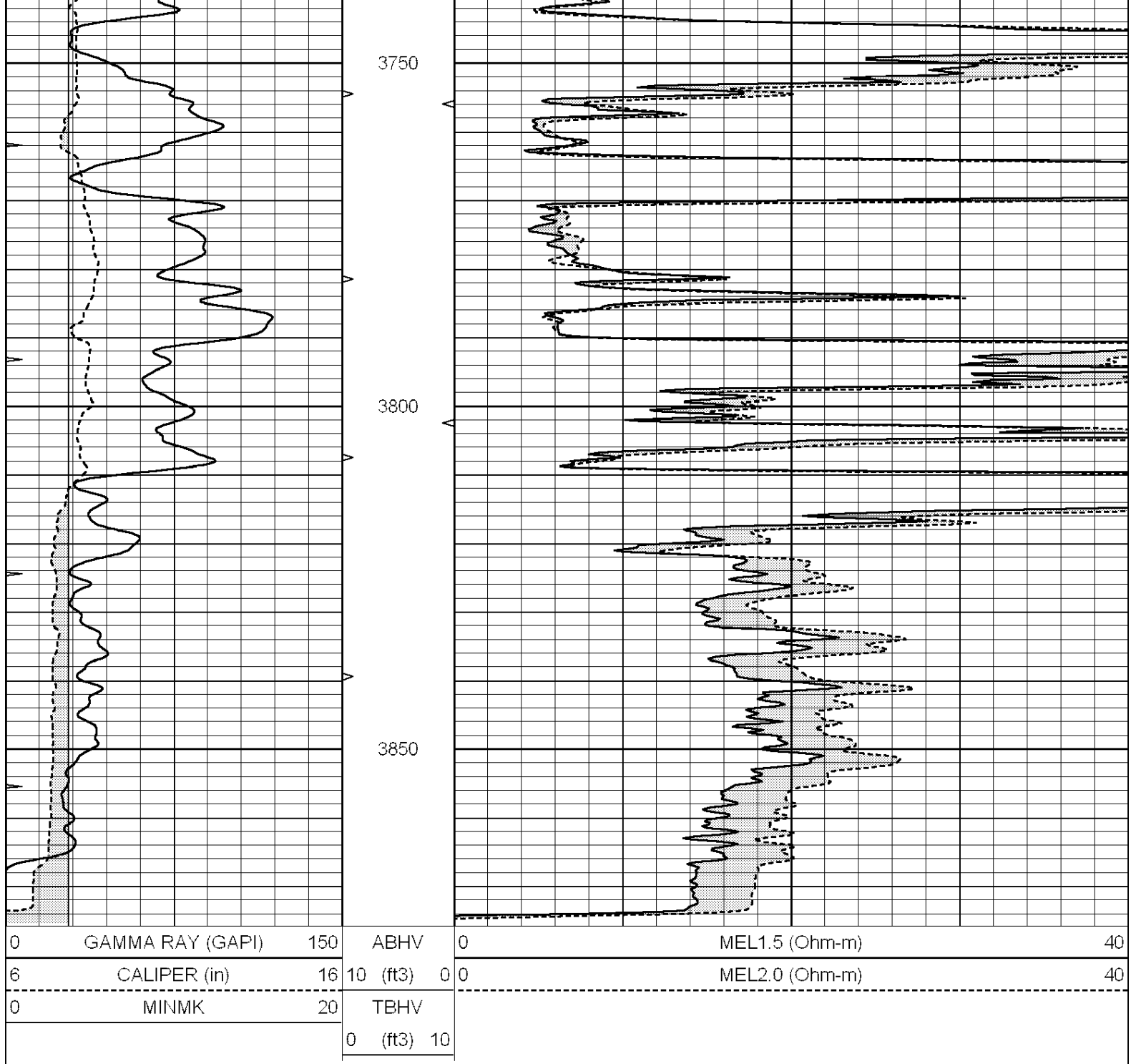




REPEAT SECTION

Database File: 011653ddn.db
 Dataset Pathname: pass5.3
 Presentation Format: micro
 Dataset Creation: Mon Aug 12 04:27:56 2013 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 011653ddn.db
 Dataset Pathname: pass6.5
 Dataset Creation: Mon Aug 12 04:44:00 2013

MICRO Calibration Report

Serial Number: 2
 Tool Model: PROBE
 Performed: Sun Jun 23 22:34:27 2013

Caliper Calibration:	Gain=6.596	Offset=-4.220
References	Low Cal 7.200	High Cal 16.000
Readings	1.731	3.065

1.5" Calibration:	Gain=48.000	Offset=-3.500
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References	Low Cal	High Cal
Readings	0.000	20.000
	0.015	0.458
2" Calibration:	Gain=75.000	Offset=-3.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.003	0.384
Gamma Ray Calibration Report		
Serial Number:	GR3	
Tool Model:	OPEN	
Performed:	Sat Aug 10 08:23:09 2013	
Calibrator Value:	200.0	GAPI
Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps
Sensitivity:	1.2000	GAPI/cps