



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company		CAPTIVA II	
Well		BUSTER #1-3	
Field		ZOOK	
County		PAWNEE	
State		KANSAS	
Location:		API # : 15-145-21699-0000 2416' FSL & 1062' FWL NE - NE - NW - SW SEC 3 TWP 22S RGE 16W	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 10' A.G.L.	
Drilling Measured From		KELLY BUSHING	
Other Services		CDL/CNL DIL/SONIC	
Elevation		K.B. 1999 D.F. 1997 G.L. 1989	
Date	12/20/12		
Run Number	TWO		
Depth Driller	3970		
Depth Logger	3966		
Bottom Logged Interval	3944		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 1023'		
Casing Logger	1018		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7,300 PPM	
Density / Viscosity	9.4/45		
pH / Fluid Loss	9.5/7.2		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.900 @ 70F		
Rinf @ Meas. Temp	.675 @ 70F		
Rinc @ Meas. Temp	1.08 @ 70F		
Source of Rinf / Rinc	MEASUREMENT		
Rin @ BHT	.543 @ 116F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	9:15 P.M.		
Maximum Recorded Temperature	116F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KEITH REAVIS		

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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
 LARNED, KS., 1 1/2E. ON HWY K-19, N. INTO (ACROSS FROM FEEDLOT)

Database File:

010036pe.db

Dataset Pathname:

pass7.10

Presentation Format:

micro

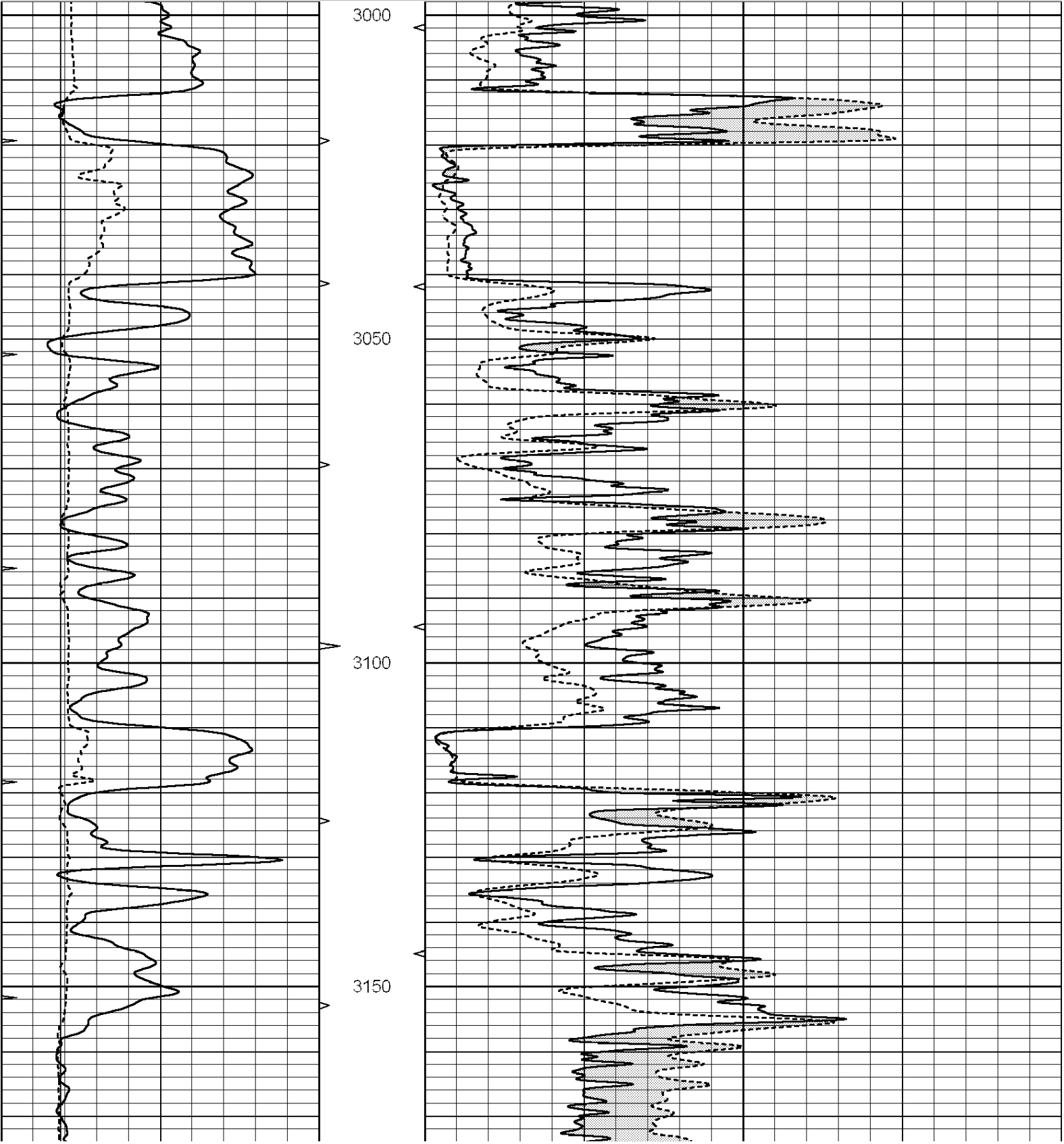
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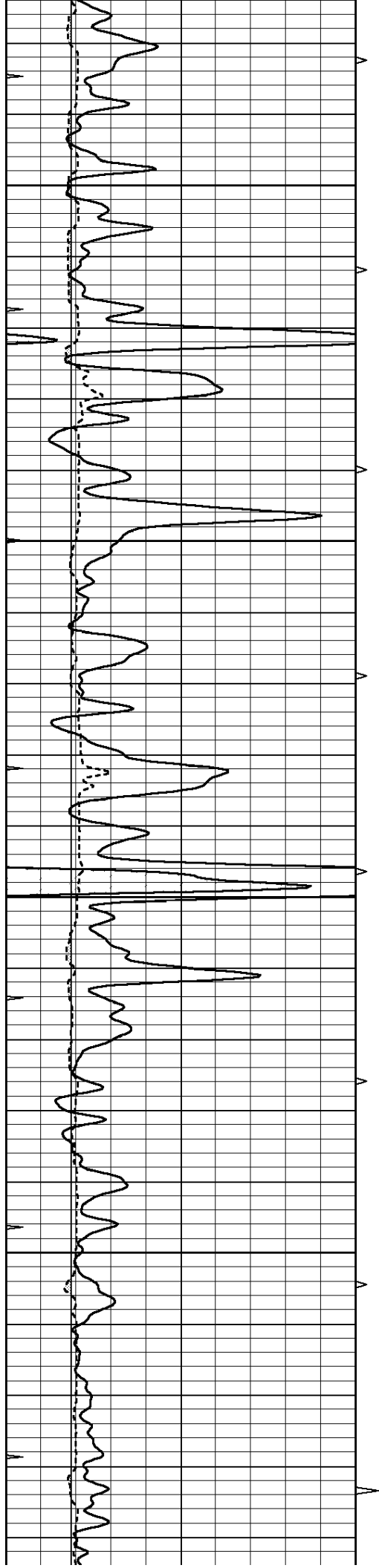
Fri Dec 21 00:38:18 2012

Charted by:

Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	20
0	MINMK	20	TBHV			
			0 (ft3)	10		



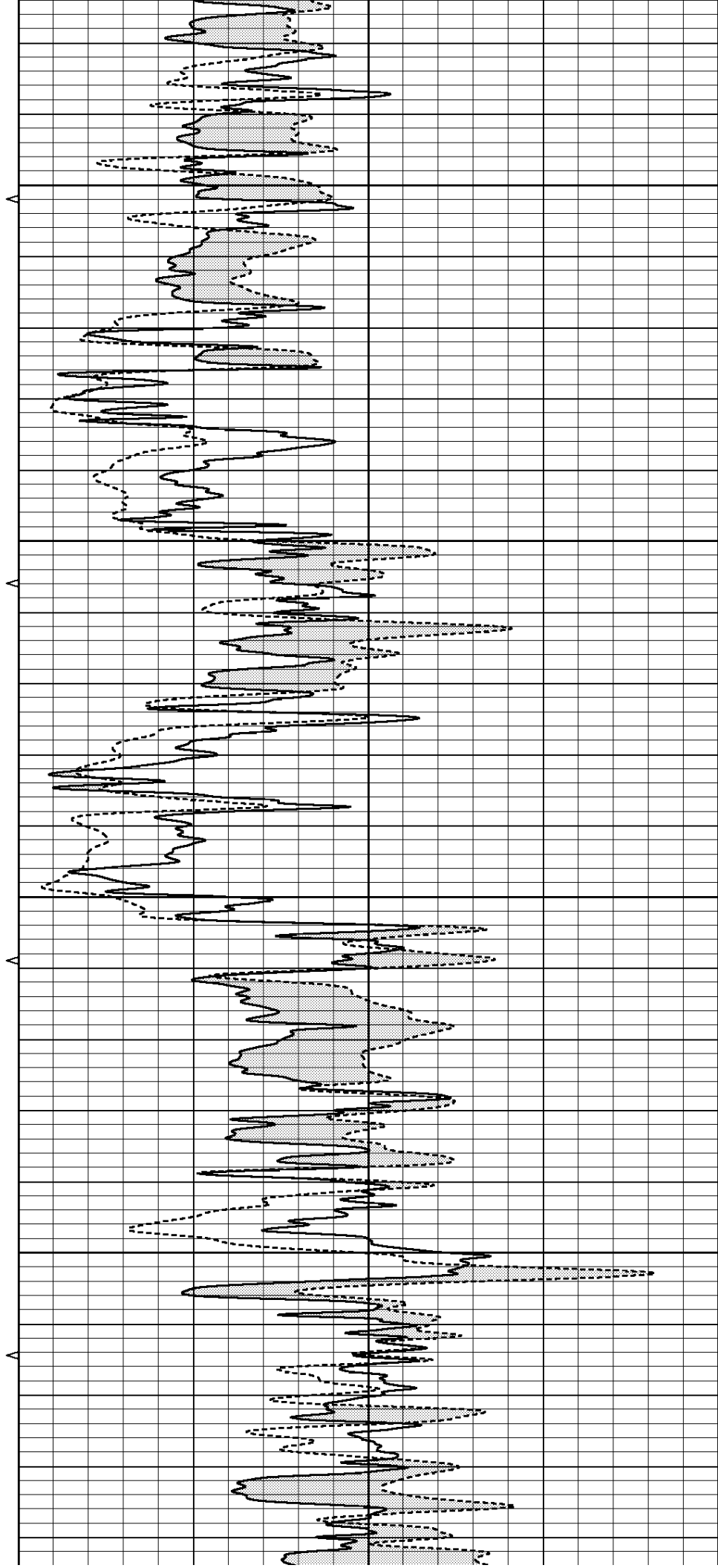


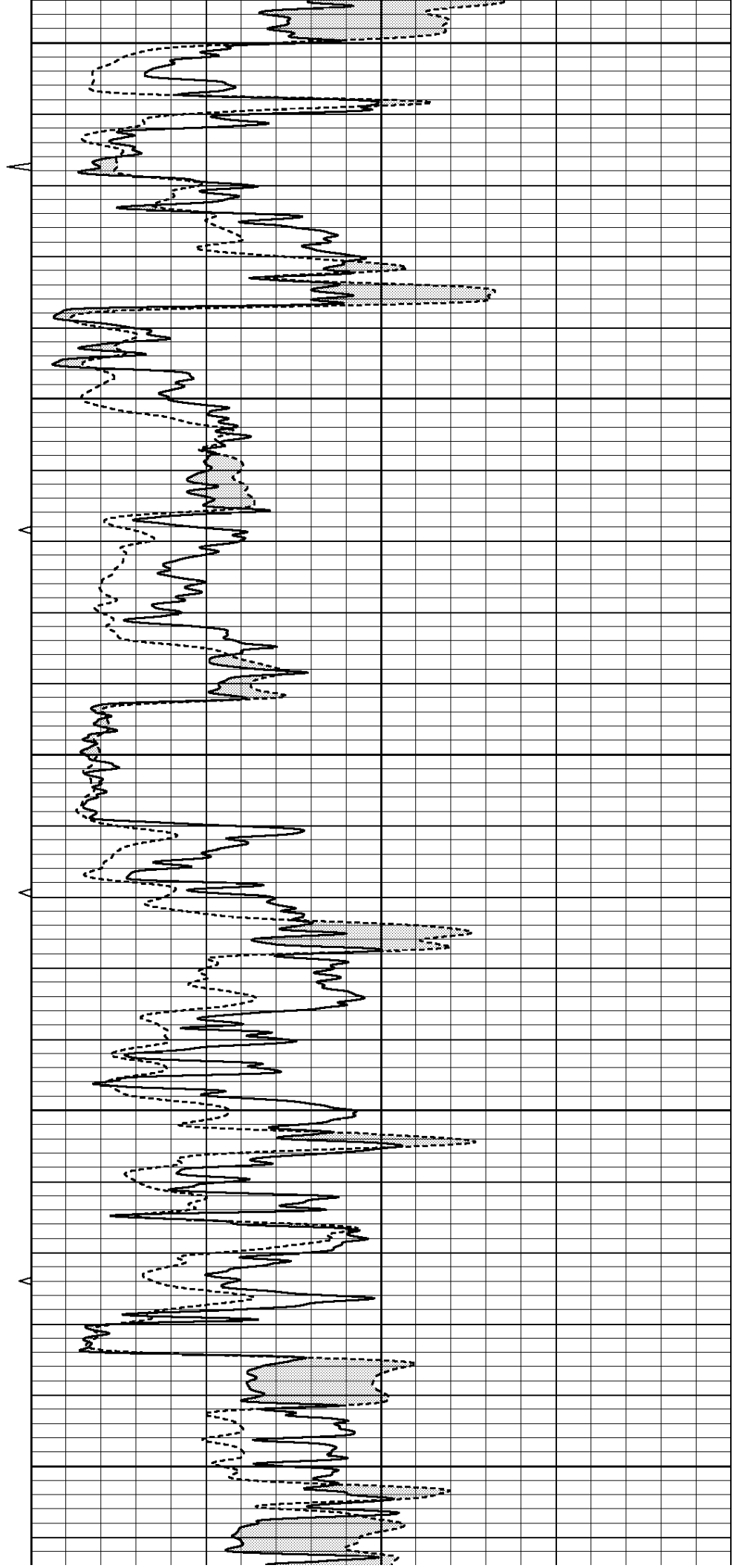
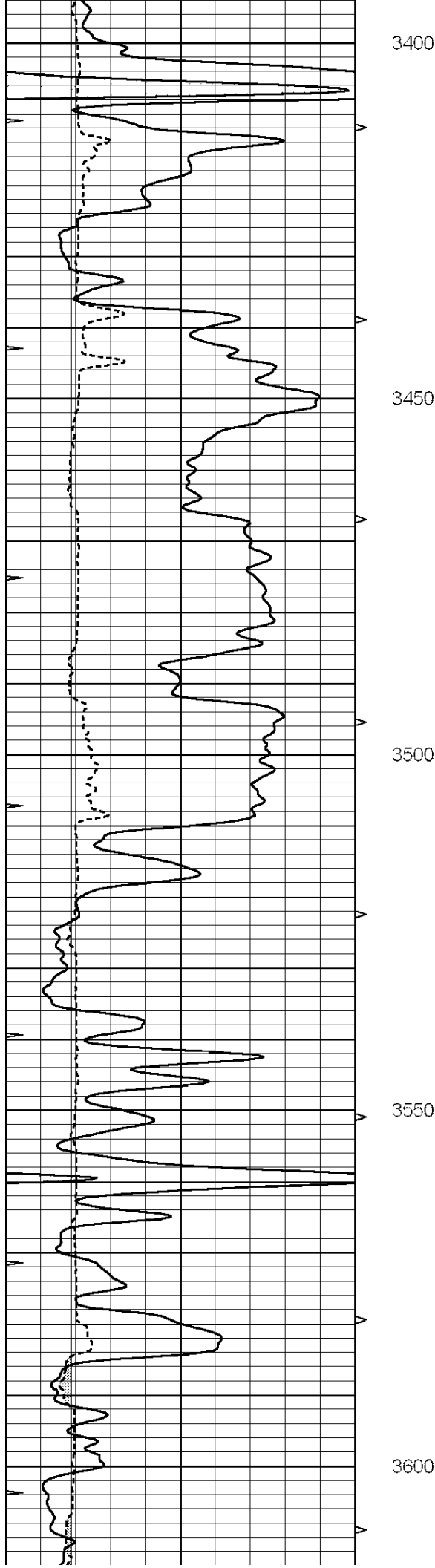
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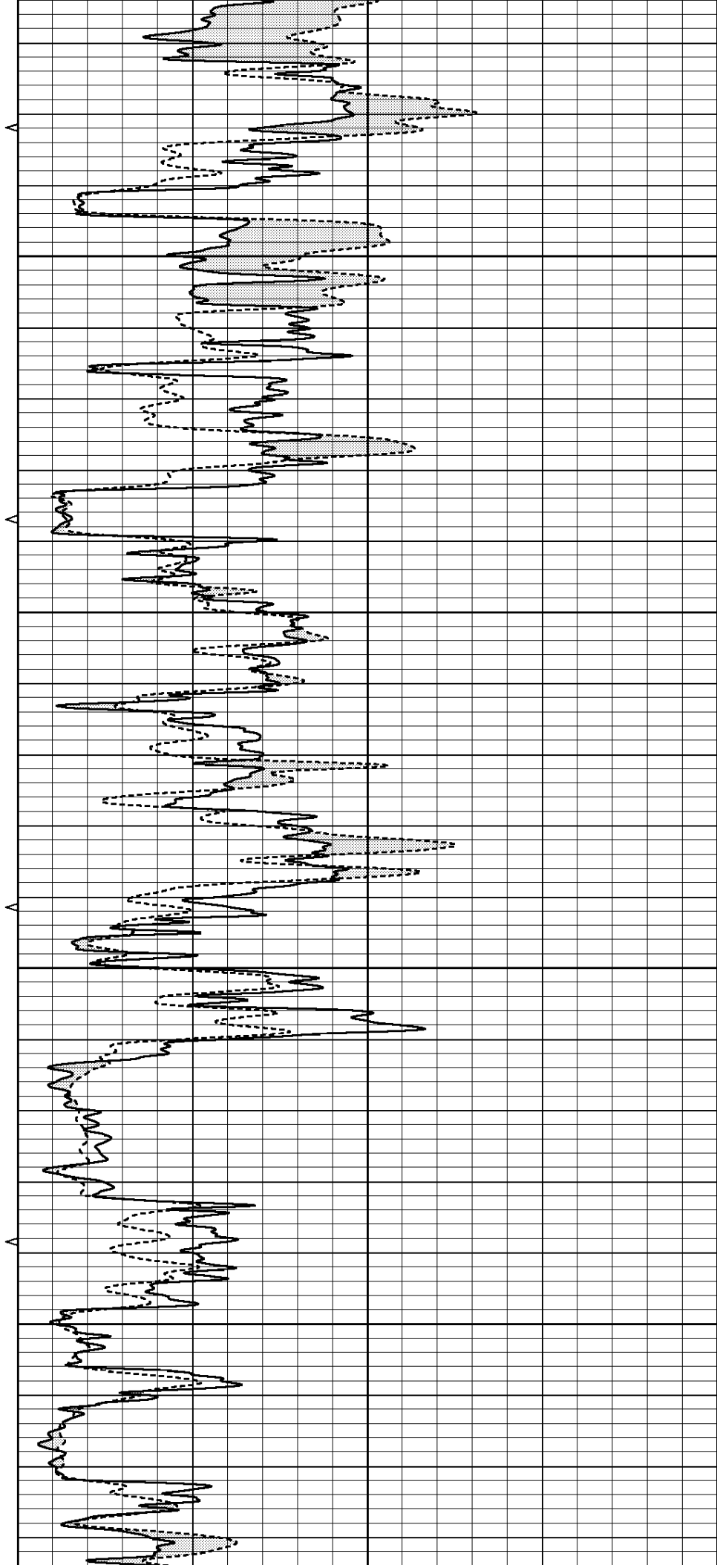
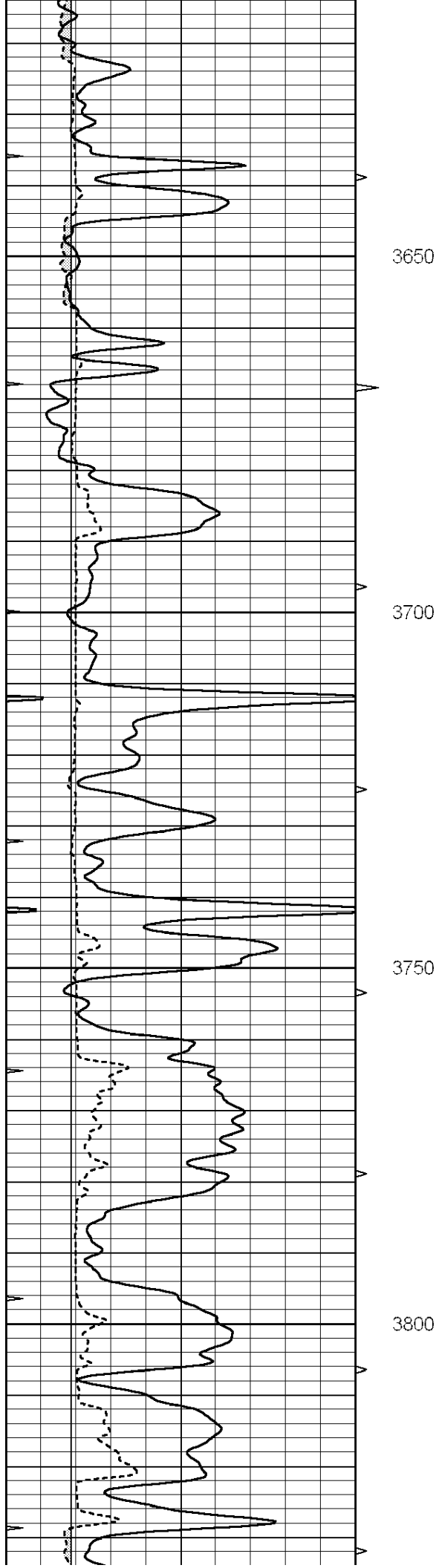
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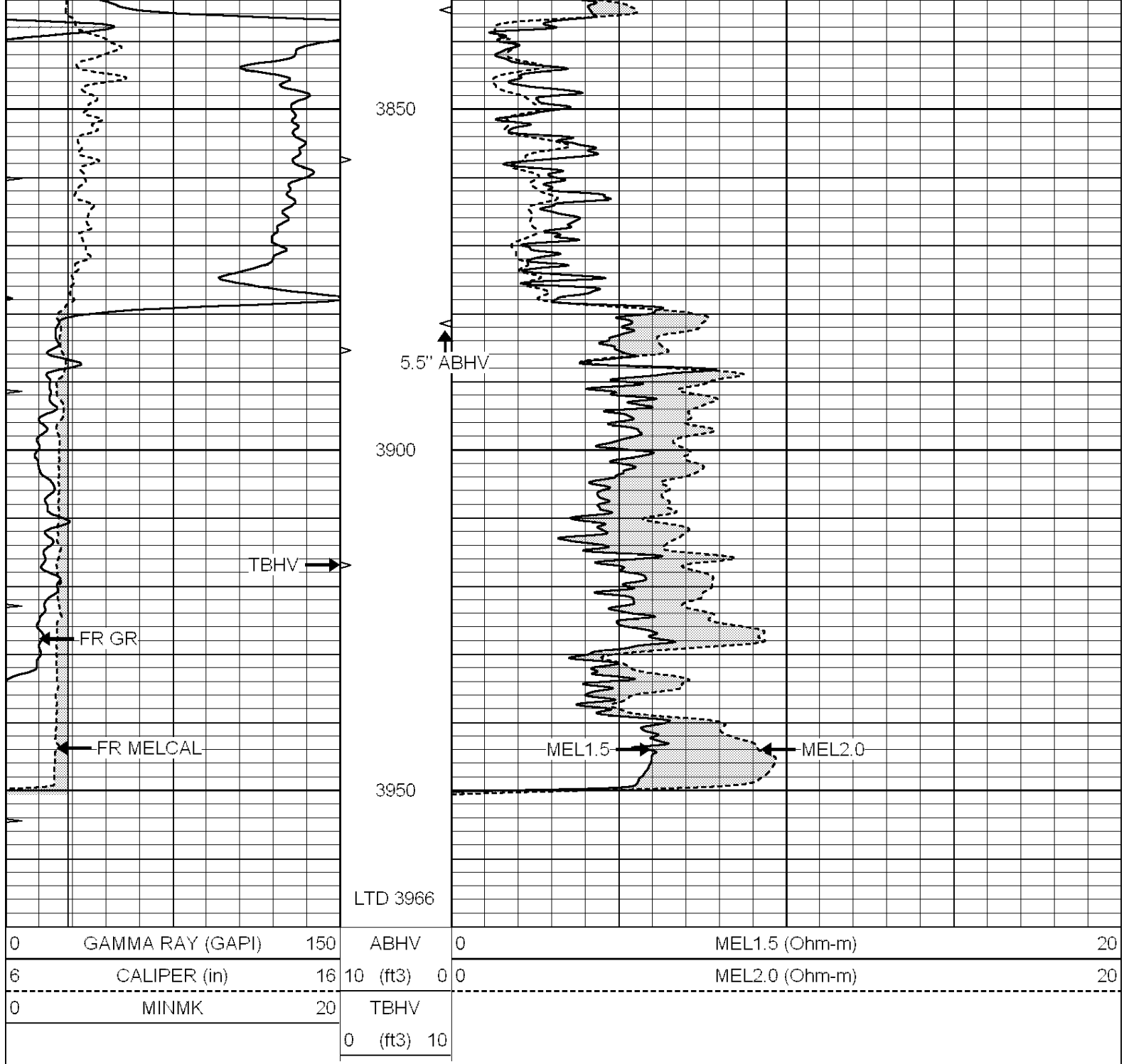
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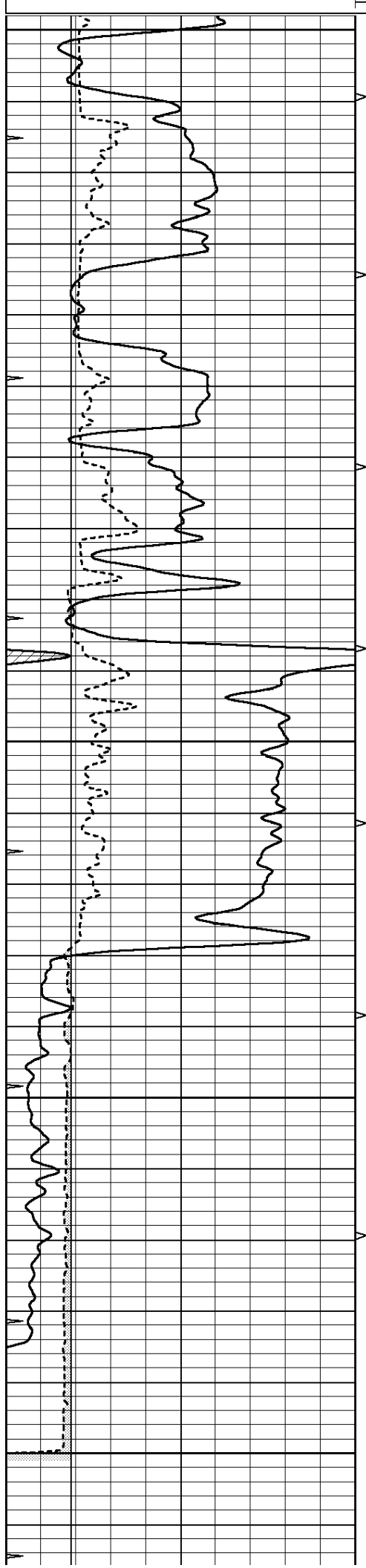


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REPEAT SECTION

Database File: 010036pe.db
Dataset Pathname: pass6.7
Presentation Format: micro
Dataset Creation: Fri Dec 21 00:21:23 2012
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	20
0	MINMK	20	TBHV			
			0 (ft3)	10		



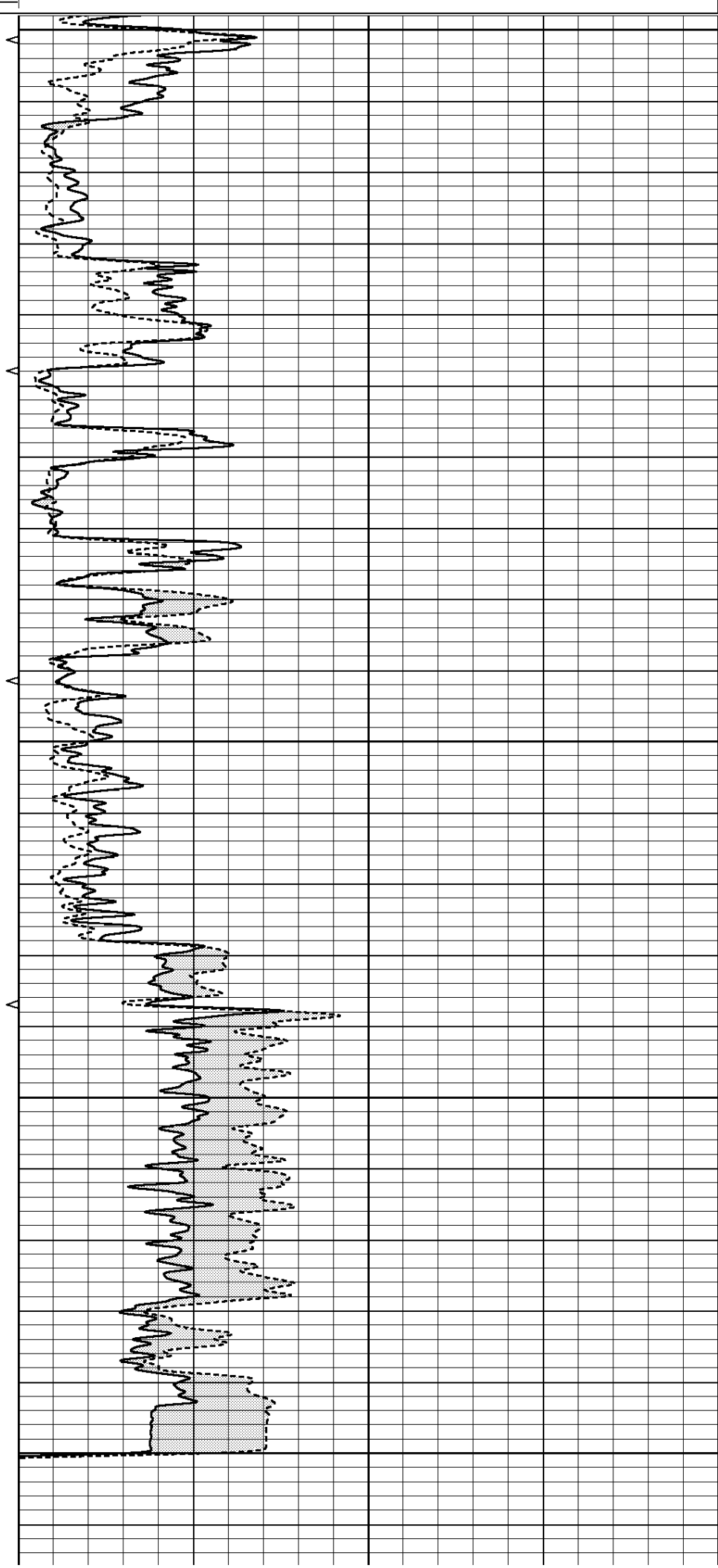
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3850

3900

3950



0 GAMMA RAY (GAPI) 150										ABHV										0 MEL1.5 (Ohm-m) 20									
6 CALIPER (in) 16										10 (ft3) 0										0 MEL2.0 (Ohm-m) 20									
0 MINMK 20										TBHV																			
										0 (ft3) 10																			