



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company BUFFALO RESOURCES, LLC.
Well MOG #1-27
Field WILDCAT
County RUSSELL
State KANSAS

Company BUFFALO RESOURCES, LLC.
Well MOG #1-27
Field WILDCAT
County RUSSELL State KANSAS

Location: API # : 15-167-23568-0000
340' FSL & 830' FWL
SW/4
SEC 27 TWP 15S RGE 11W
Permanent Datum GROUND LEVEL Elevation 1795
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL
Elevation
K.B. 1803
D.F. 1801
G.L. 1795

Date	4/15/09		
Run Number	TWO		
Depth Driller	3320		
Depth Logger	3322		
Bottom Logged Interval	3320		
Top Log Interval	2200		
Casing Driller	8 5/8"@421'		
Casing Logger	420		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,100 PPM	
Density / Viscosity	9.0/65		
pH / Fluid Loss	8.8/11.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.800@72F		
Rmf @ Meas. Temp	.600@72F		
Rmc @ Meas. Temp	.960@72F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.524@110F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	6:00 P.M.		
Maximum Recorded Temperature	110F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	CURTIS COVEY	DARON PATTERSON	

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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 HAYS, KANSAS (785)628-6395
DIRECTIONS
WILSON, KS. 7S. ON BLKTOP TO STICKNEY RD. (K AVE.) 2W., 1S., 3/4W., N. INTO

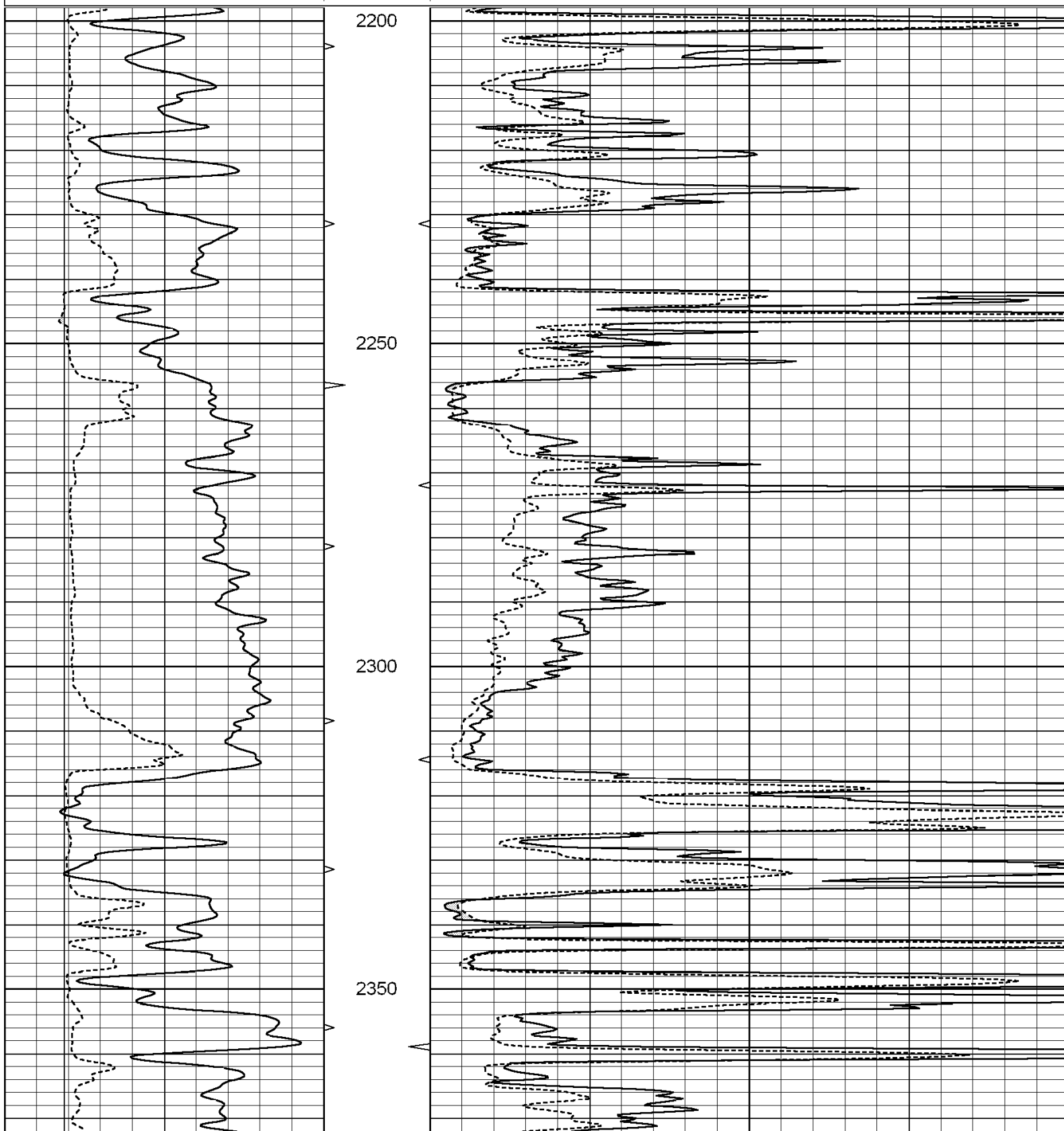


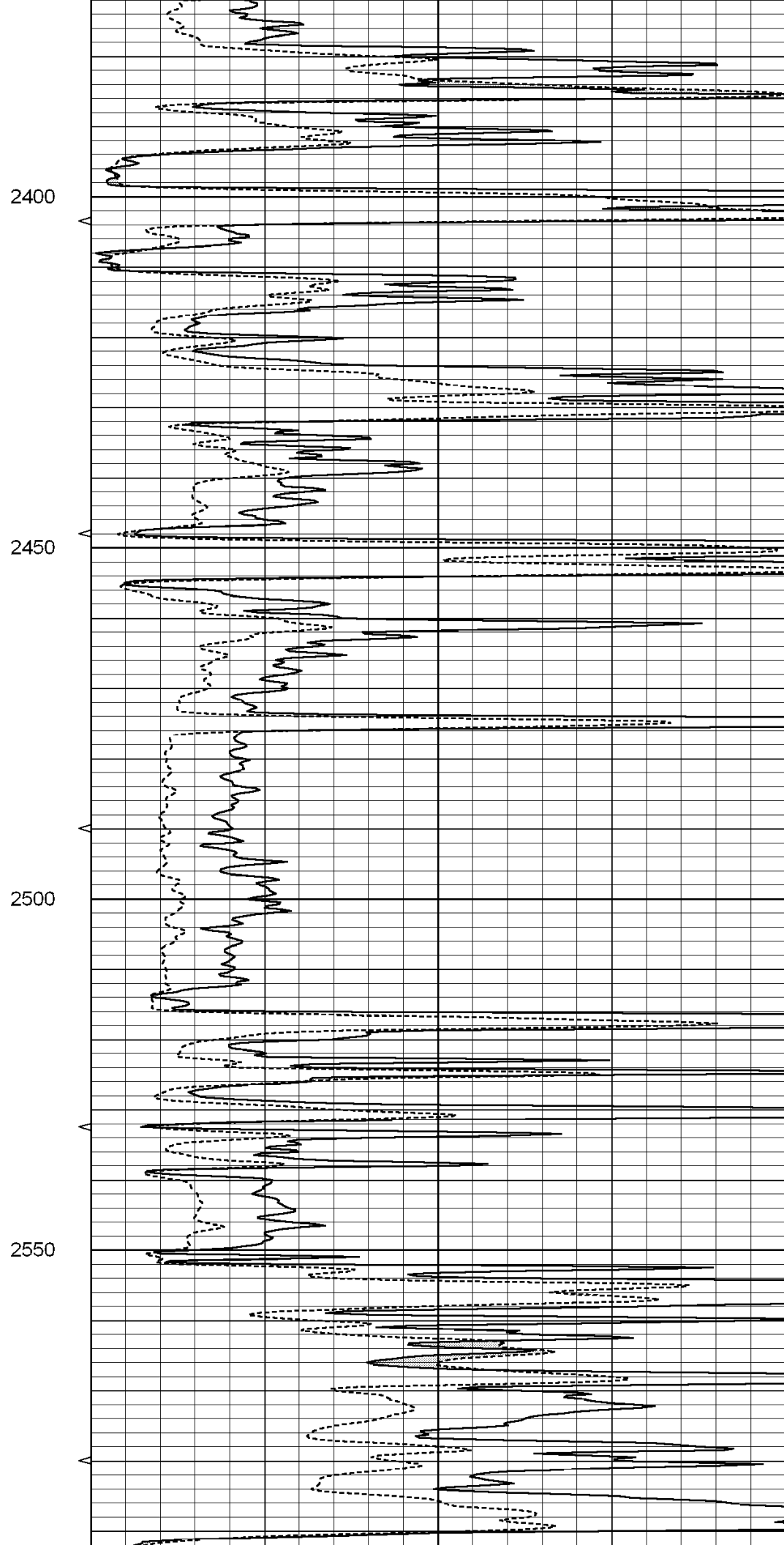
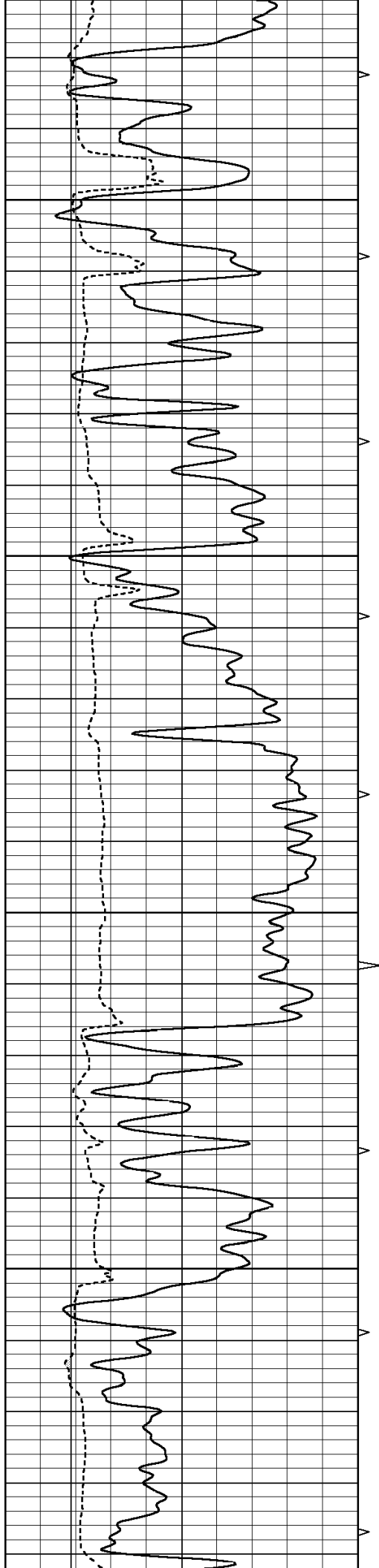
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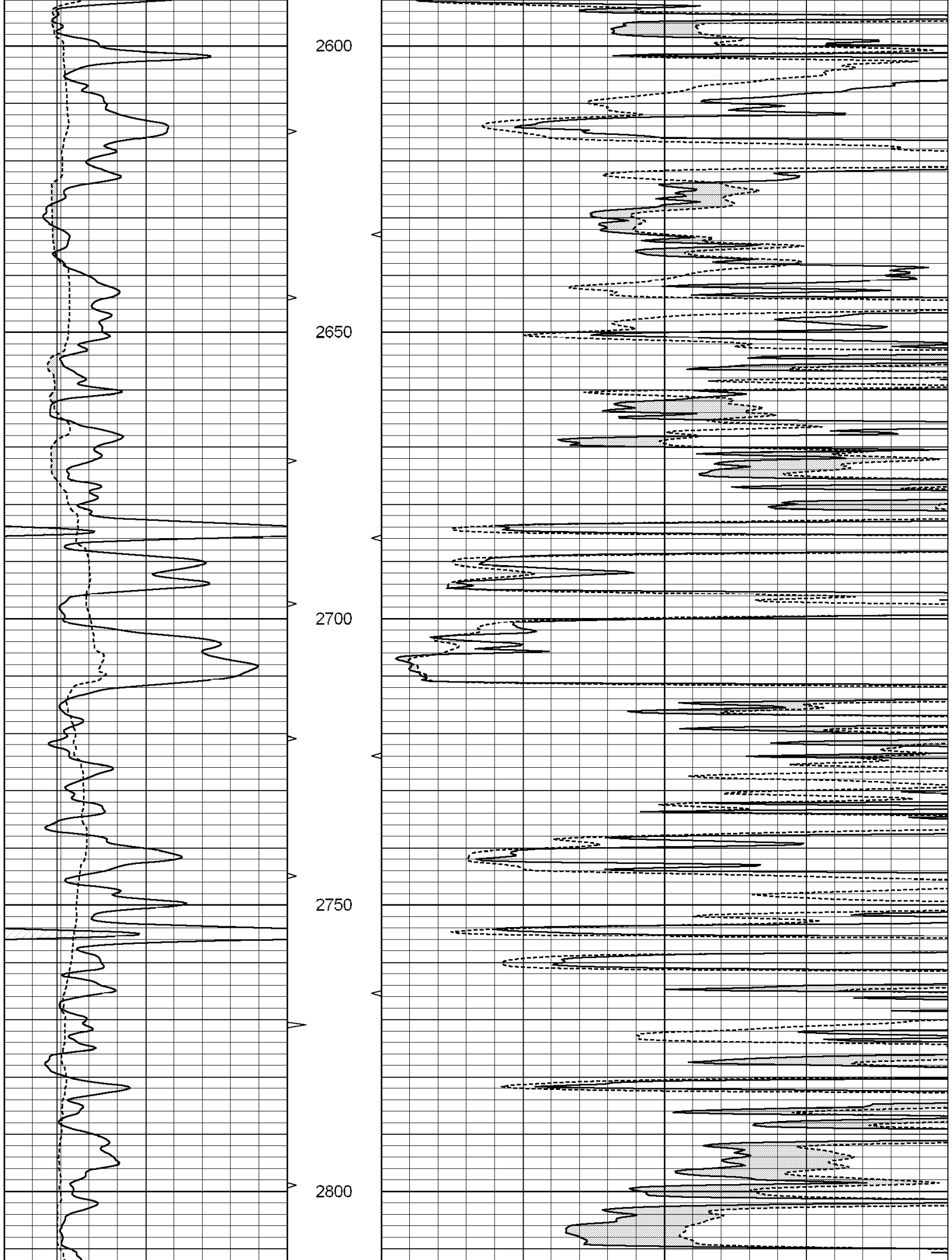
MAIN SECTION

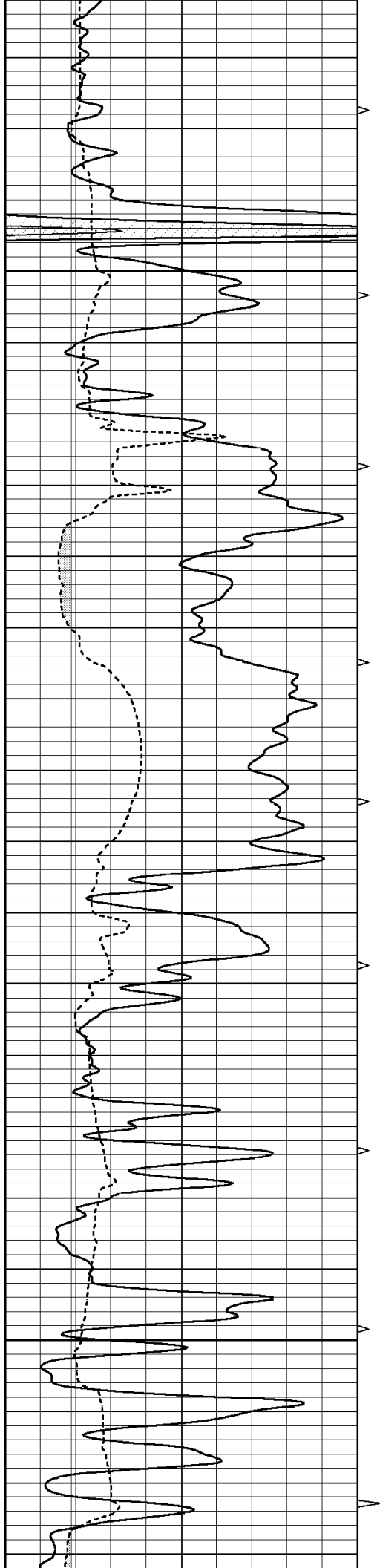
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Dataset Pathname: pass6.1
Presentation Format: micro
Dataset Creation: Wed Apr 15 21:00:41 2009 by Calc Open-Cased 060407
Charted by: Depth in Feet scaled 1:240

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
			TBHV			
			0 (ft3) 10			







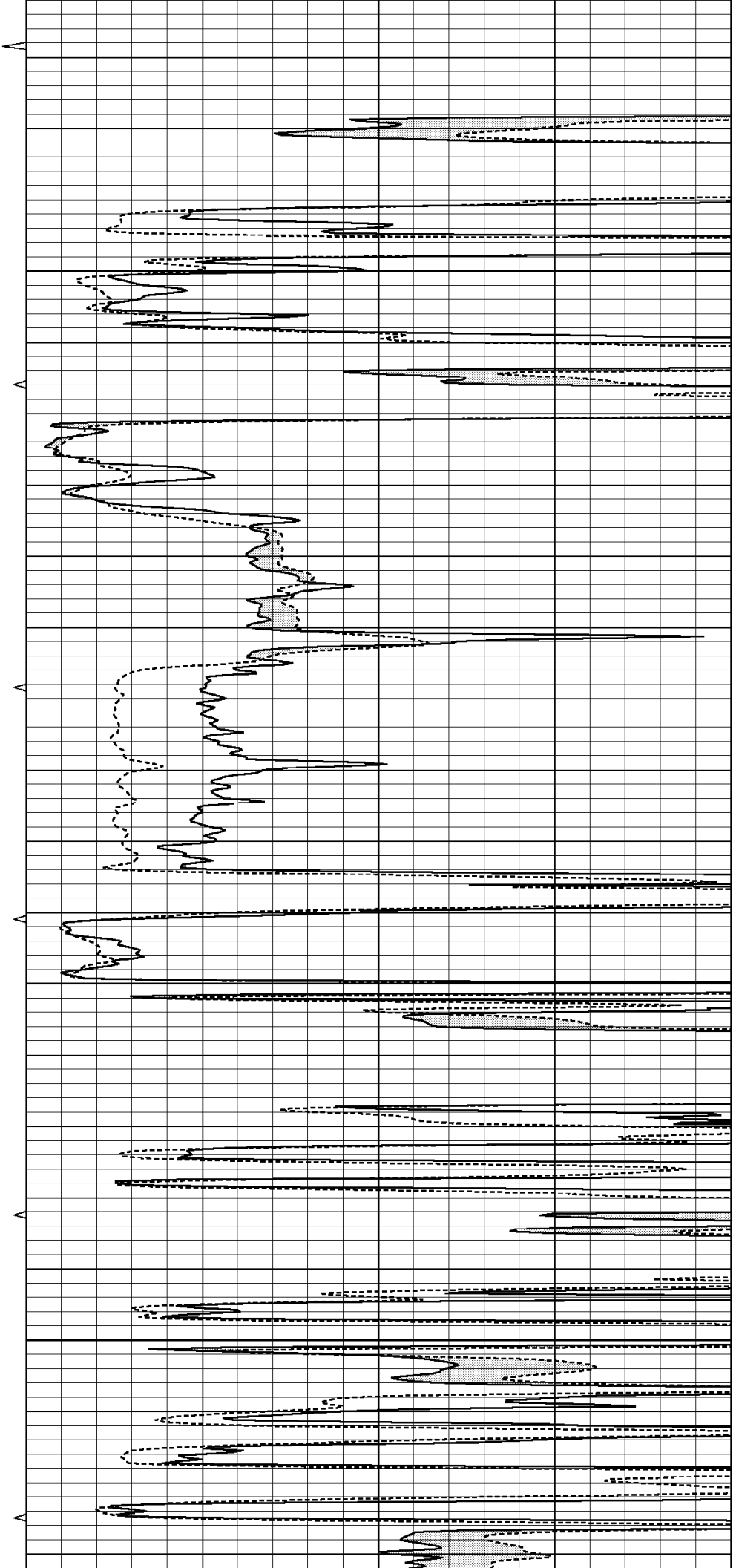


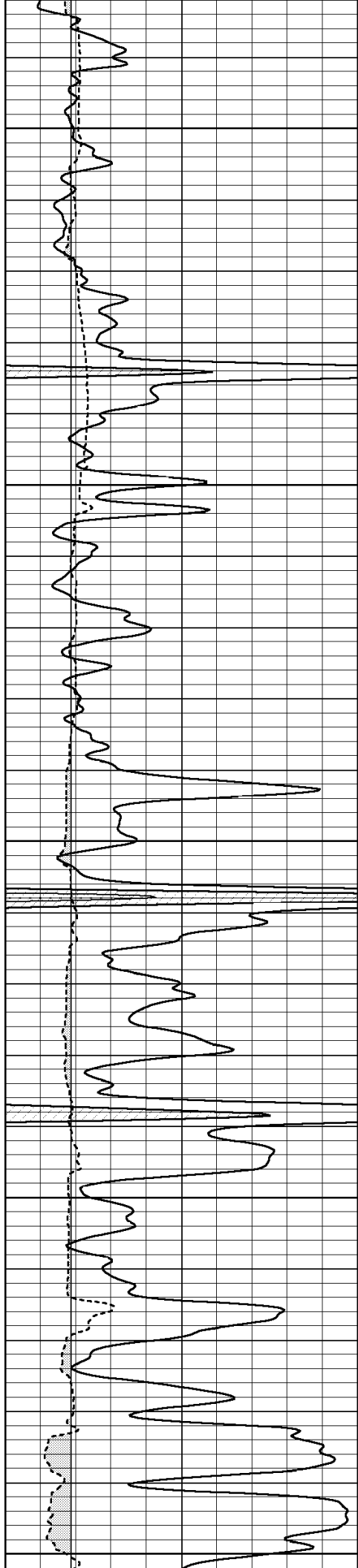
2850

2900

2950

3000





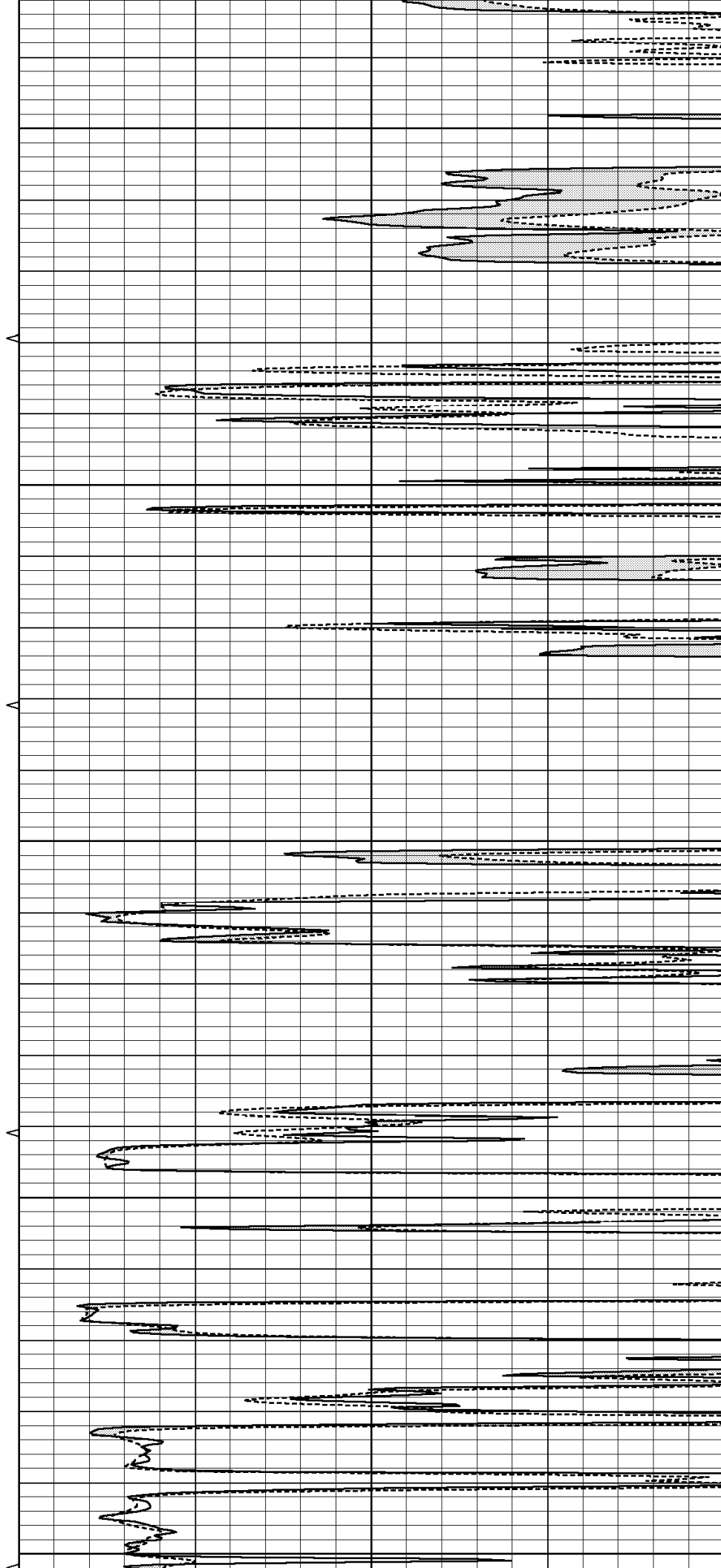
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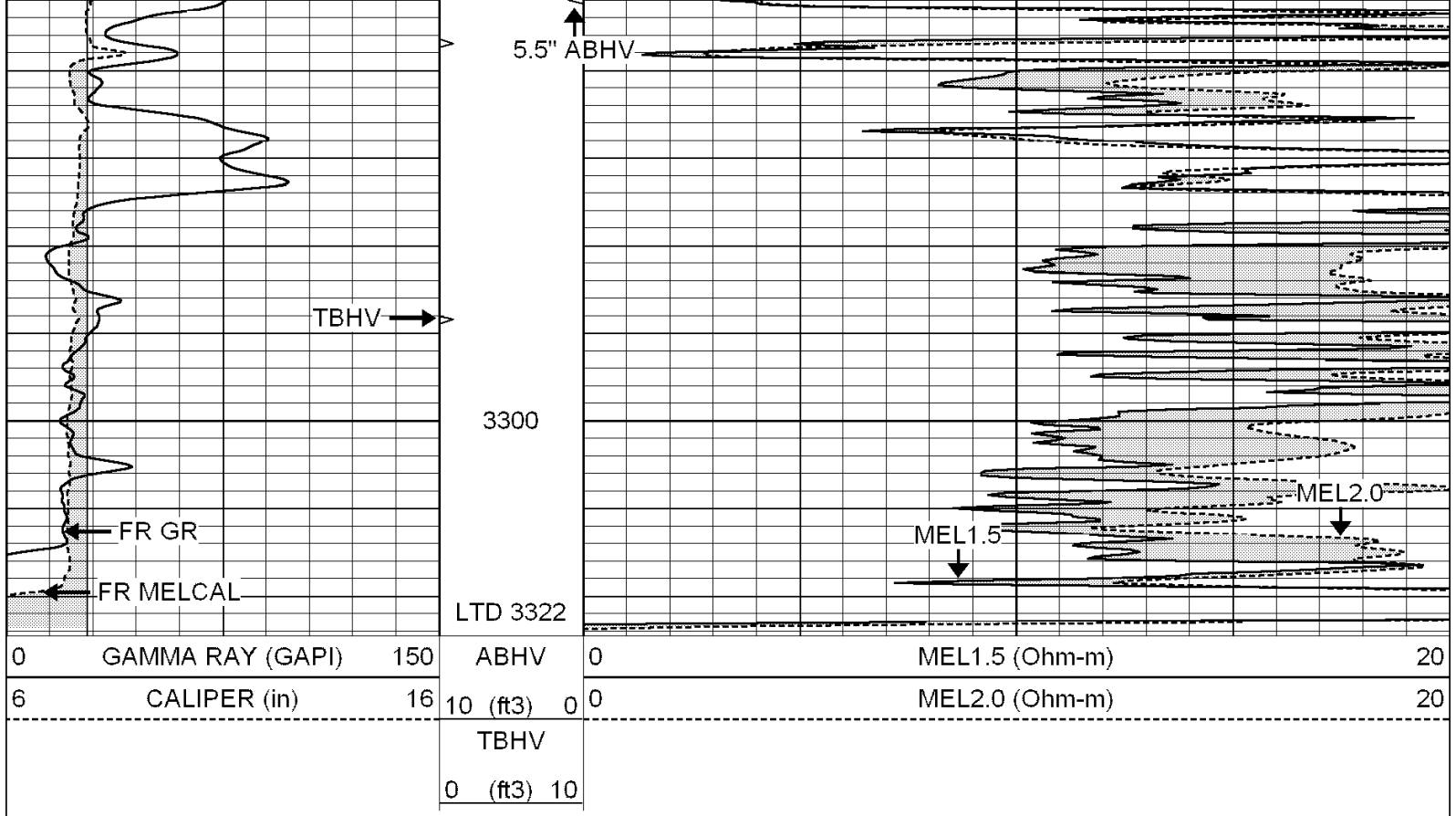
3100

3150

3200

3250

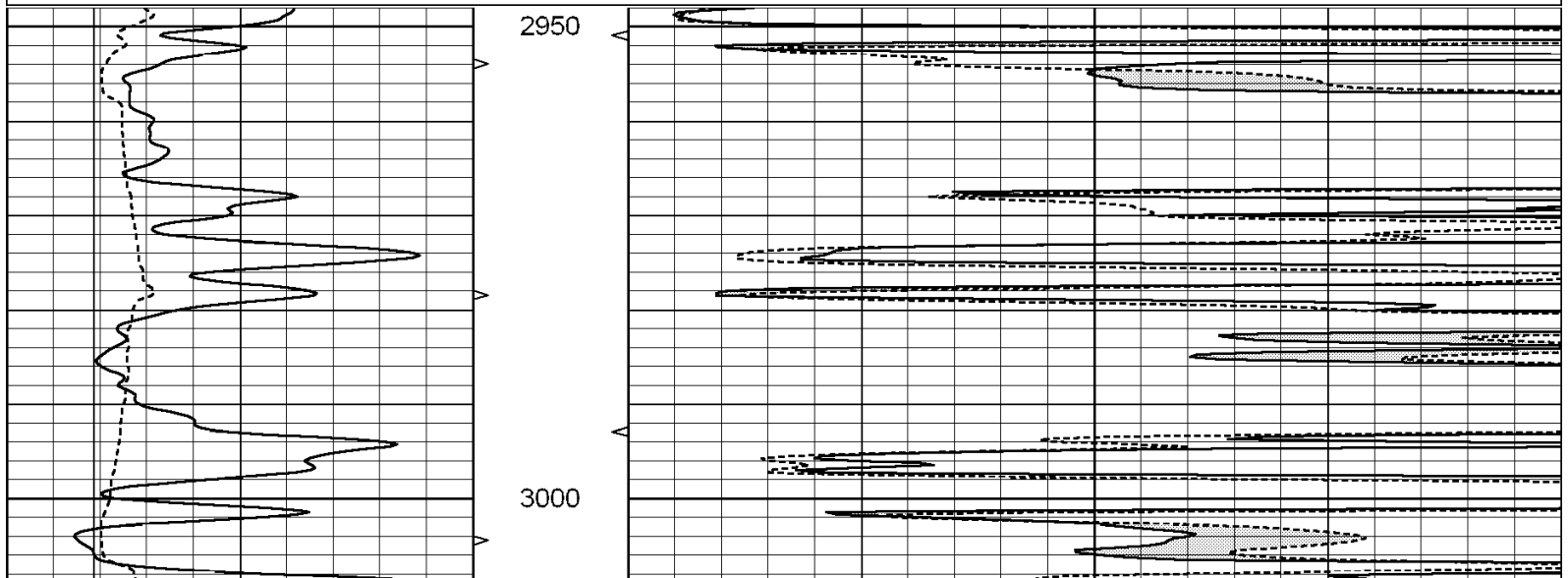
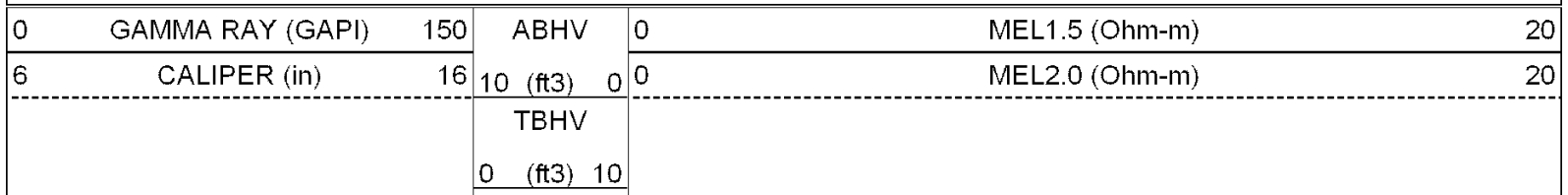


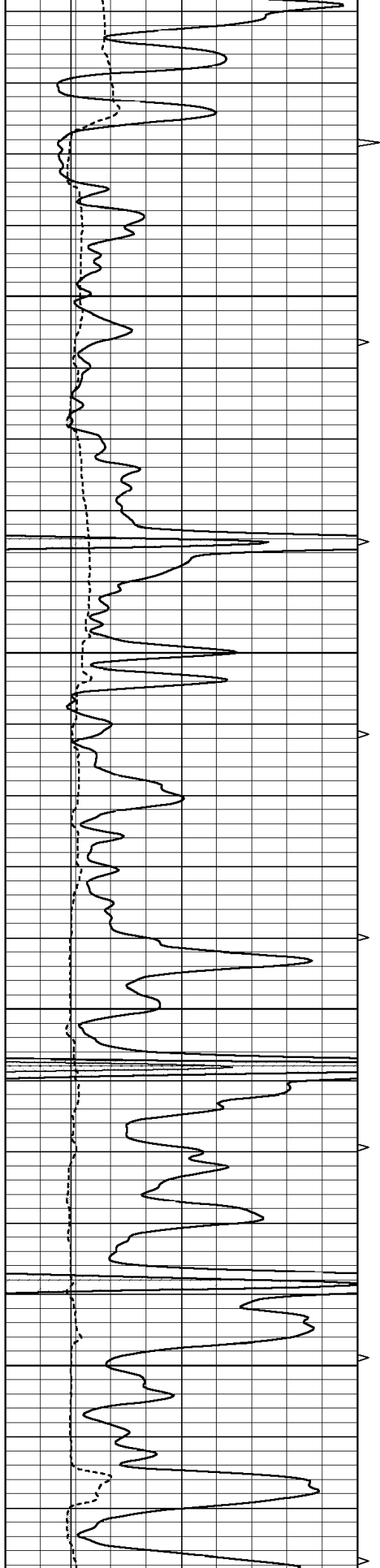


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REPEAT SECTION

Database File: 003258ddn.db
 Dataset Pathname: pass5.5
 Presentation Format: micro
 Dataset Creation: Wed Apr 15 20:25:21 2009 by Calc Open-Cased 060407
 Charted by: Depth in Feet scaled 1:240



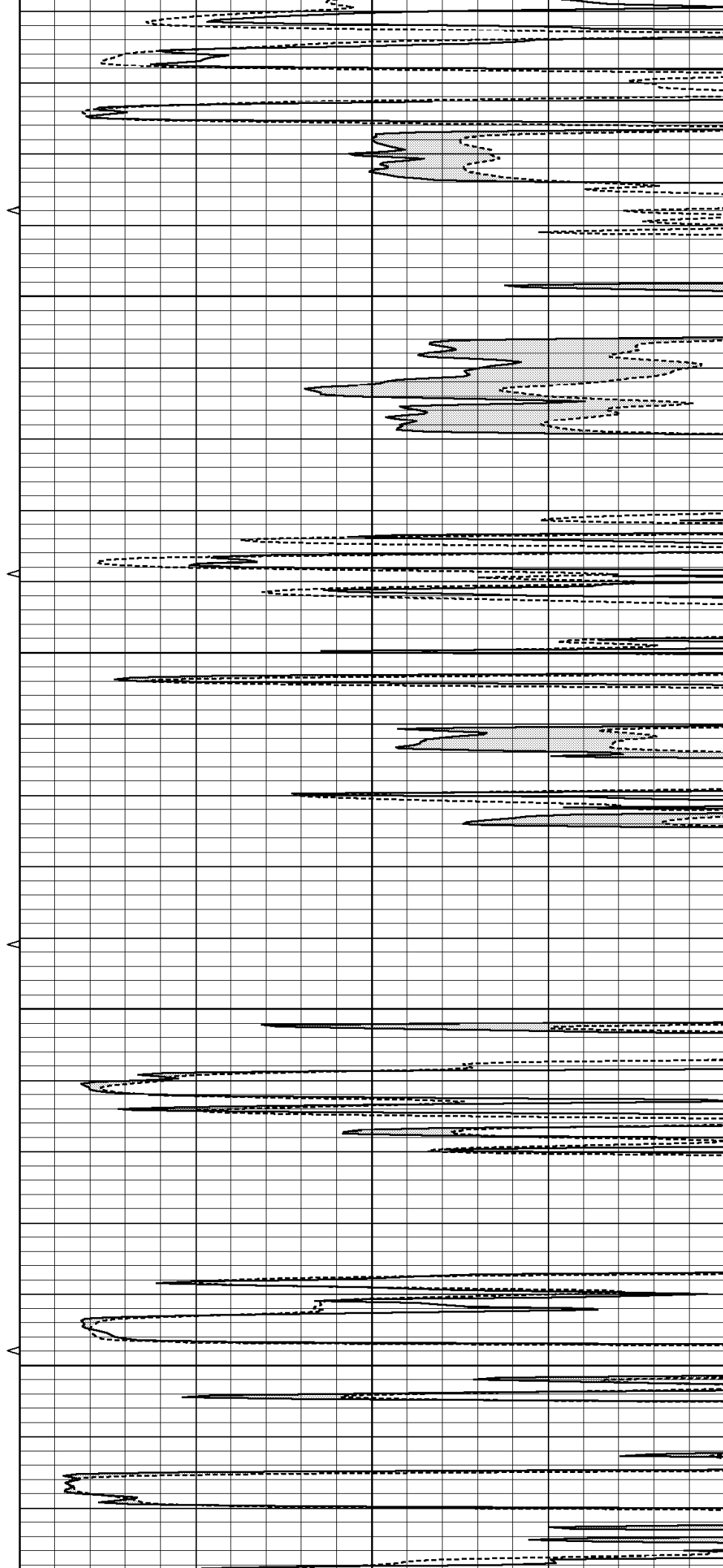


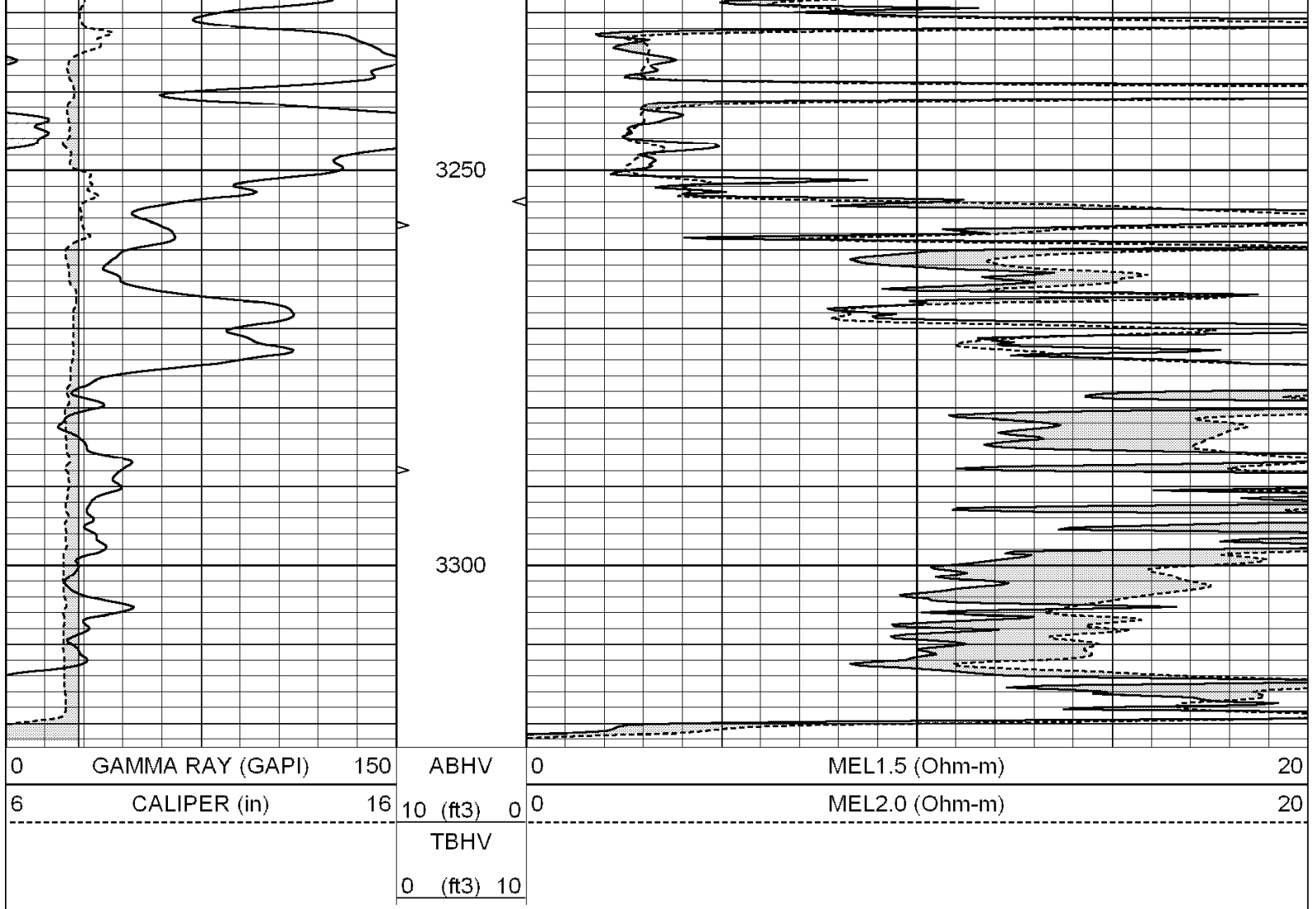
3050

3100

3150

3200





Calibration Report

Database File: 003258ddn.db
Dataset Pathname: pass6.1
Dataset Creation: Wed Apr 15 21:00:41 2009 by Calc Open-Cased 060407

MICRO Calibration Report

Serial Number:	2	
Tool Model:	PROBE	
Performed:	Wed Apr 15 20:25:32 2009	
Caliper Calibration:	Gain=7.137	Offset=-1.260
References	Low Cal	High Cal
Readings	5.800	15.000
	0.989	2.278
1.5" Calibration:	Gain=31.000	Offset=-1.700
References	Low Cal	High Cal
Readings	0.000	20.000
	0.060	1.186
2" Calibration:	Gain=35.000	Offset=-1.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.011	0.926

Gamma Ray Calibration Report

Serial Number:	GR3
Tool Model:	OPEN
Performed:	Wed Apr 15 20:24:39 2009

Calibrator Value:	200.0	GAPI
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Background Reading:	3.0	cps
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Calibrator Reading:	186.0	cps
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Sensitivity:	0.7500	GAPI/cps
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