



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company		MULL DRILLING COMPANY, INC.	
Well		#1-3 MARLENE	
Field			
County		NESS	
State		KANSAS	
Location:		API # : 15-135-25377-0000 525' FSL & 660' FWL	
Permanent Datum		GROUND LEVEL Elevation 2261	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 3		TWP 20S RGE 23W	
Other Services CDL/CNL/PE DIL/SON		Elevation K.B. 2266 D.F. 2264 G.L. 2261	
Date	4/26/12		
Run Number	TWO		
Depth Driller	4450		
Depth Logger	4452		
Bottom Logged Interval	4434		
Top Log Interval	3600		
Casing Driller	8 5/8" @ 211		
Casing Logger	212		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3/49		
pH / Fluid Loss	10.0/8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.65 @ 85F		
Rmf @ Meas. Temp	.48 @ 85F		
Rmc @ Meas. Temp	.78 @ 85F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.46 @ 120F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	120F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	KEVIN KESSLER		

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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 (785) 628-6395
DIRECTIONS
NESS CITY, KS. - 8 S. TO RD 50 - 2 E. - N. INTO

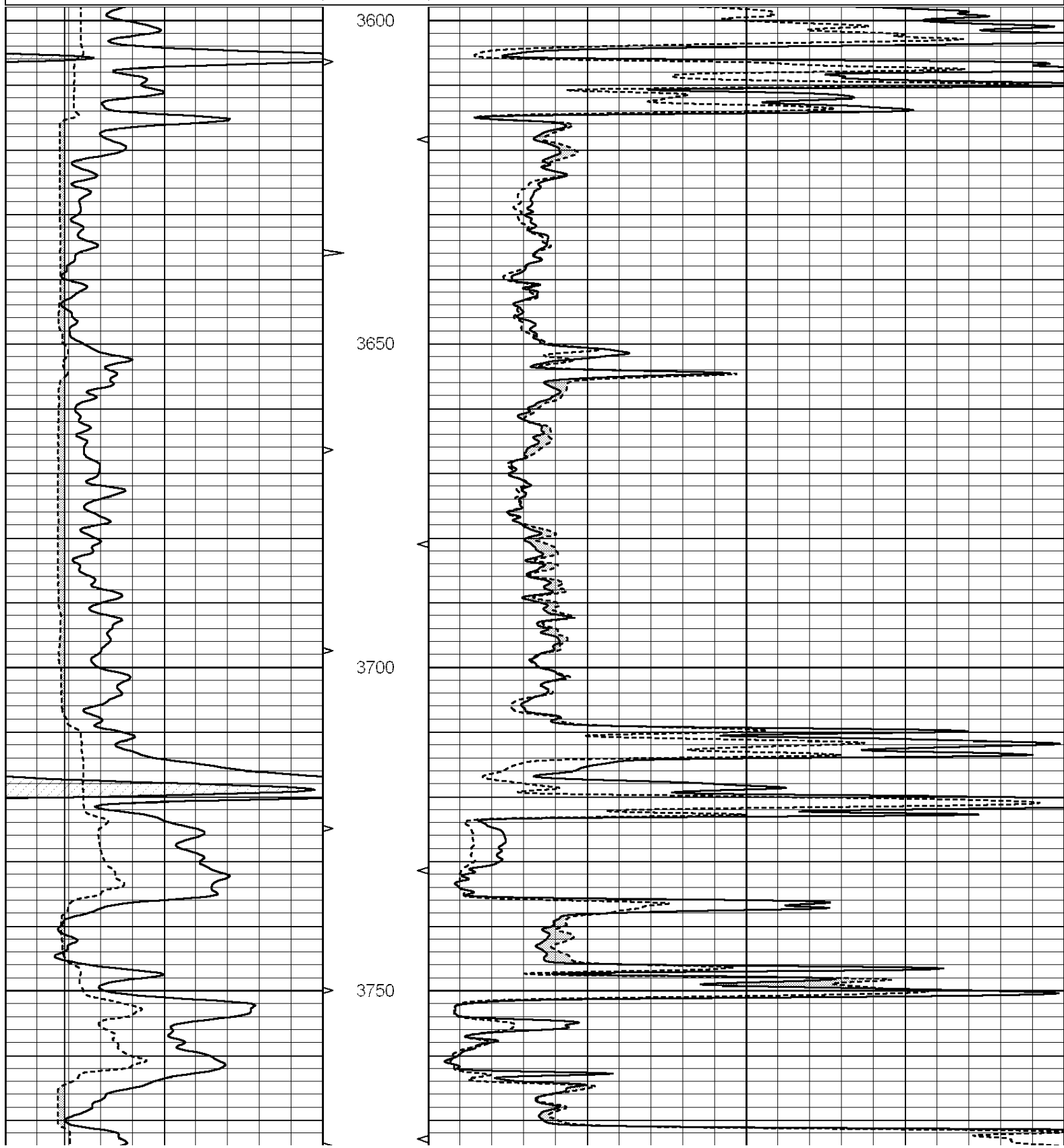


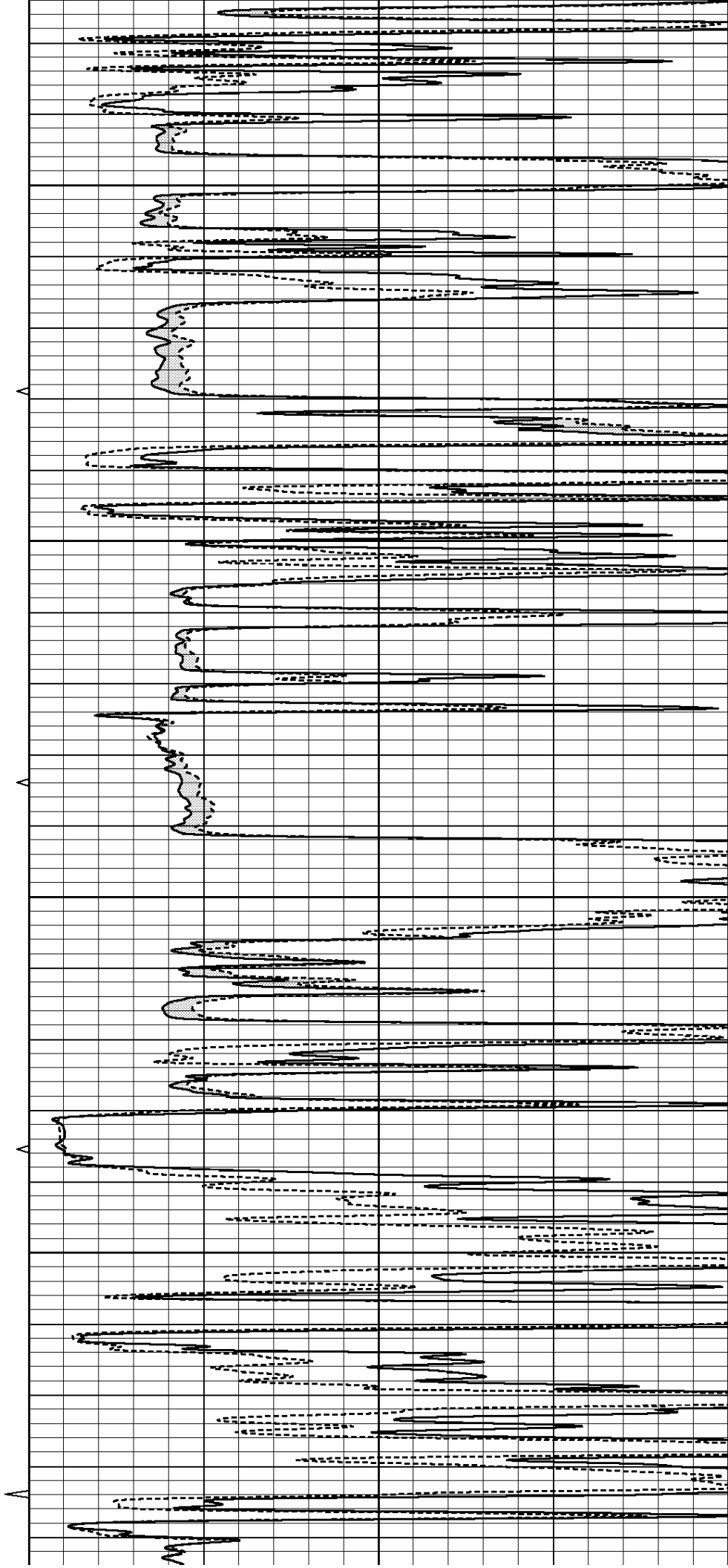
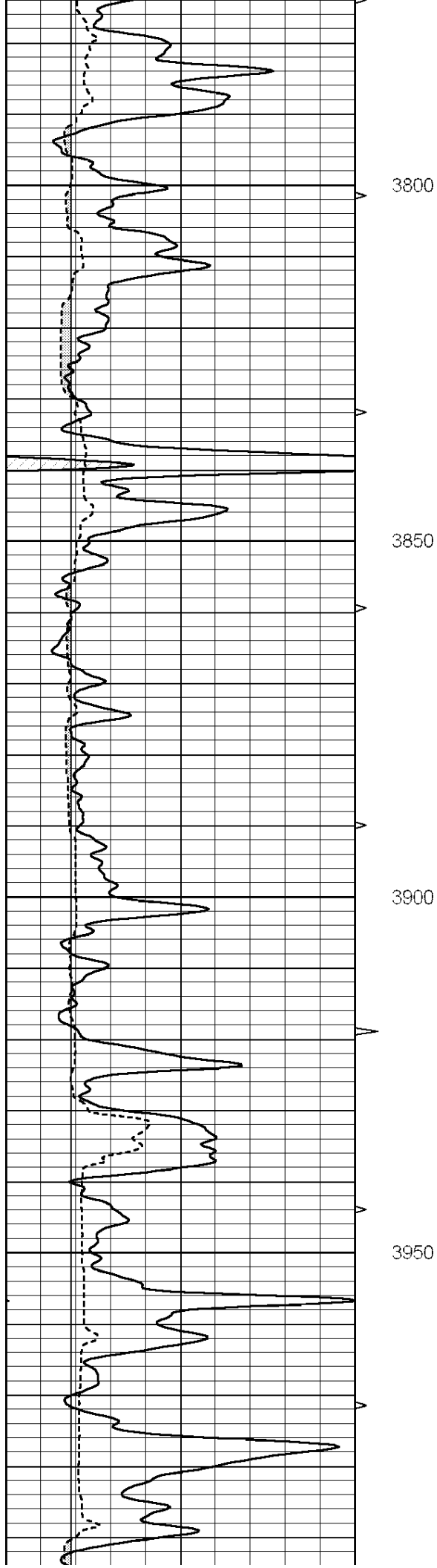
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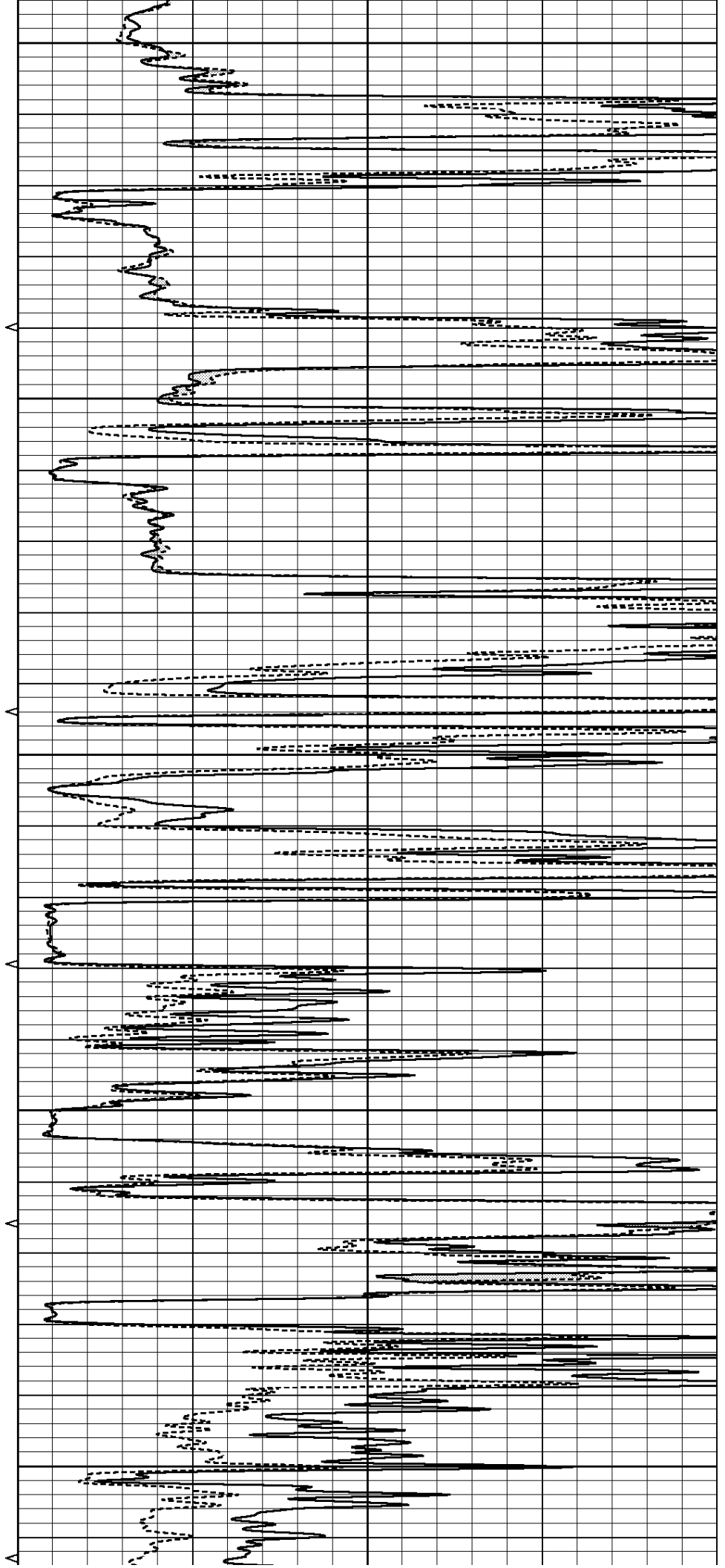
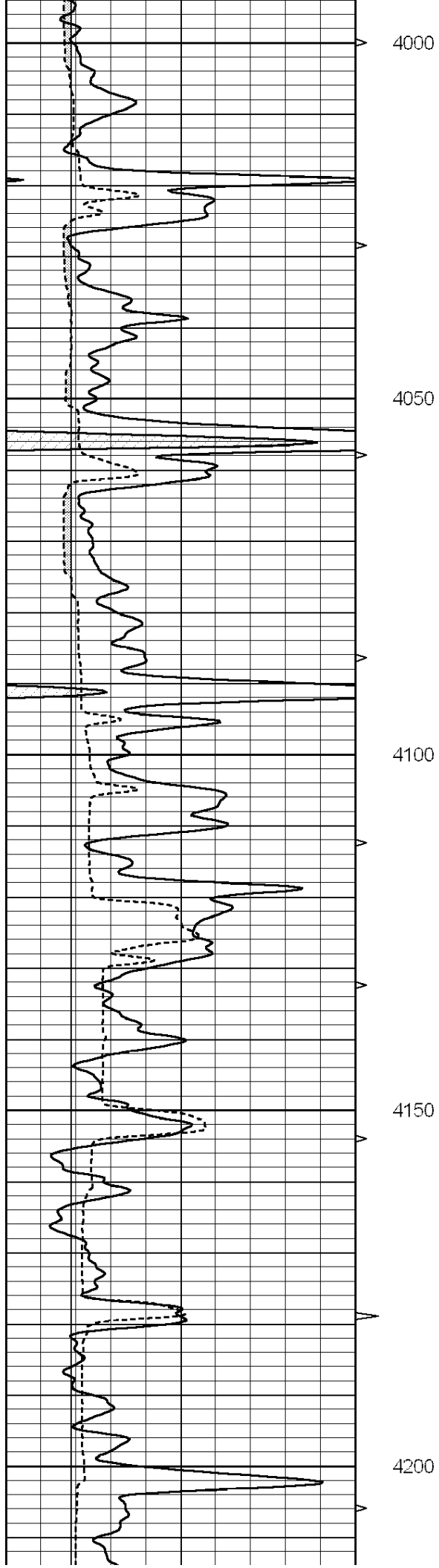
MAIN SECTION

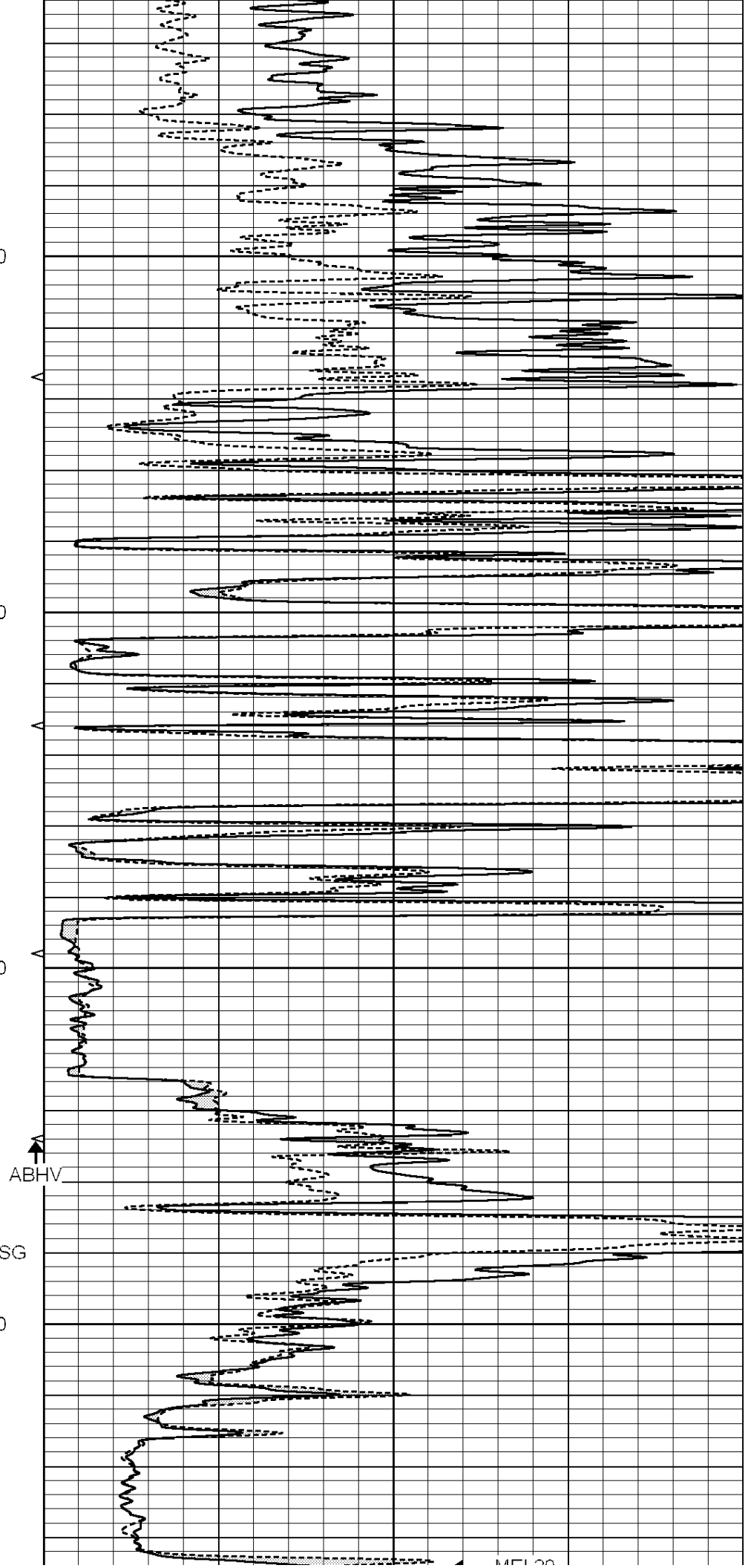
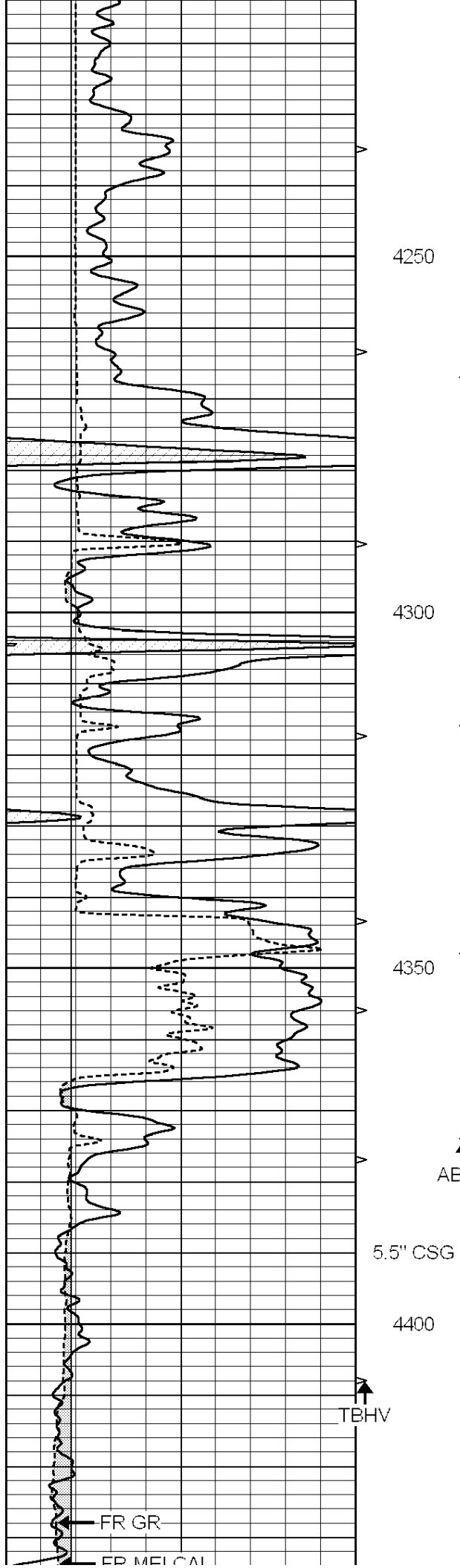
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Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Thu Apr 26 13:12:18 2012 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

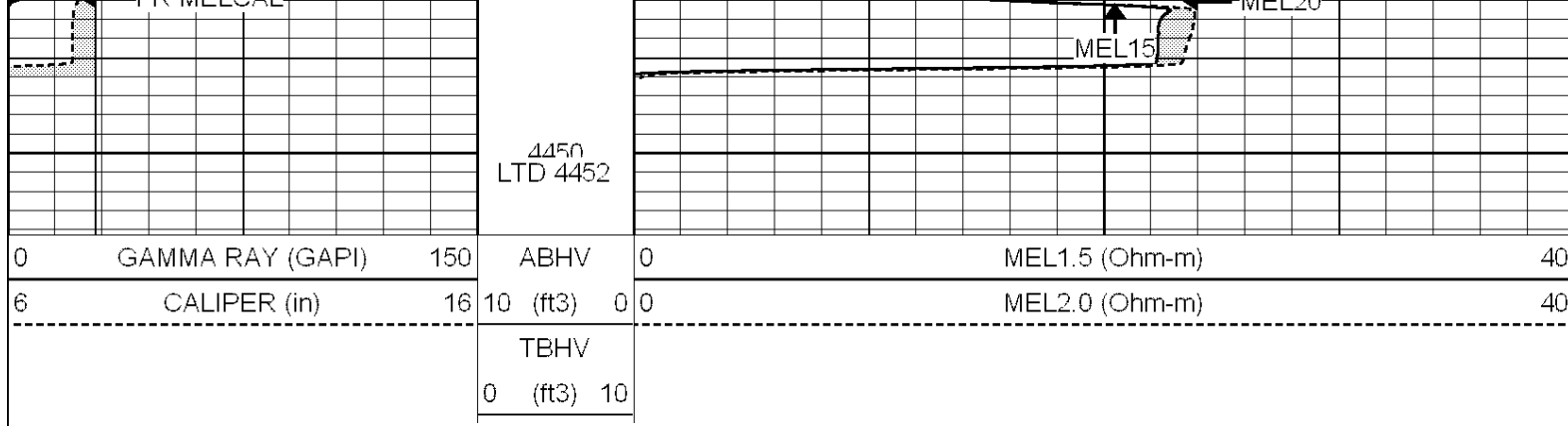
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		







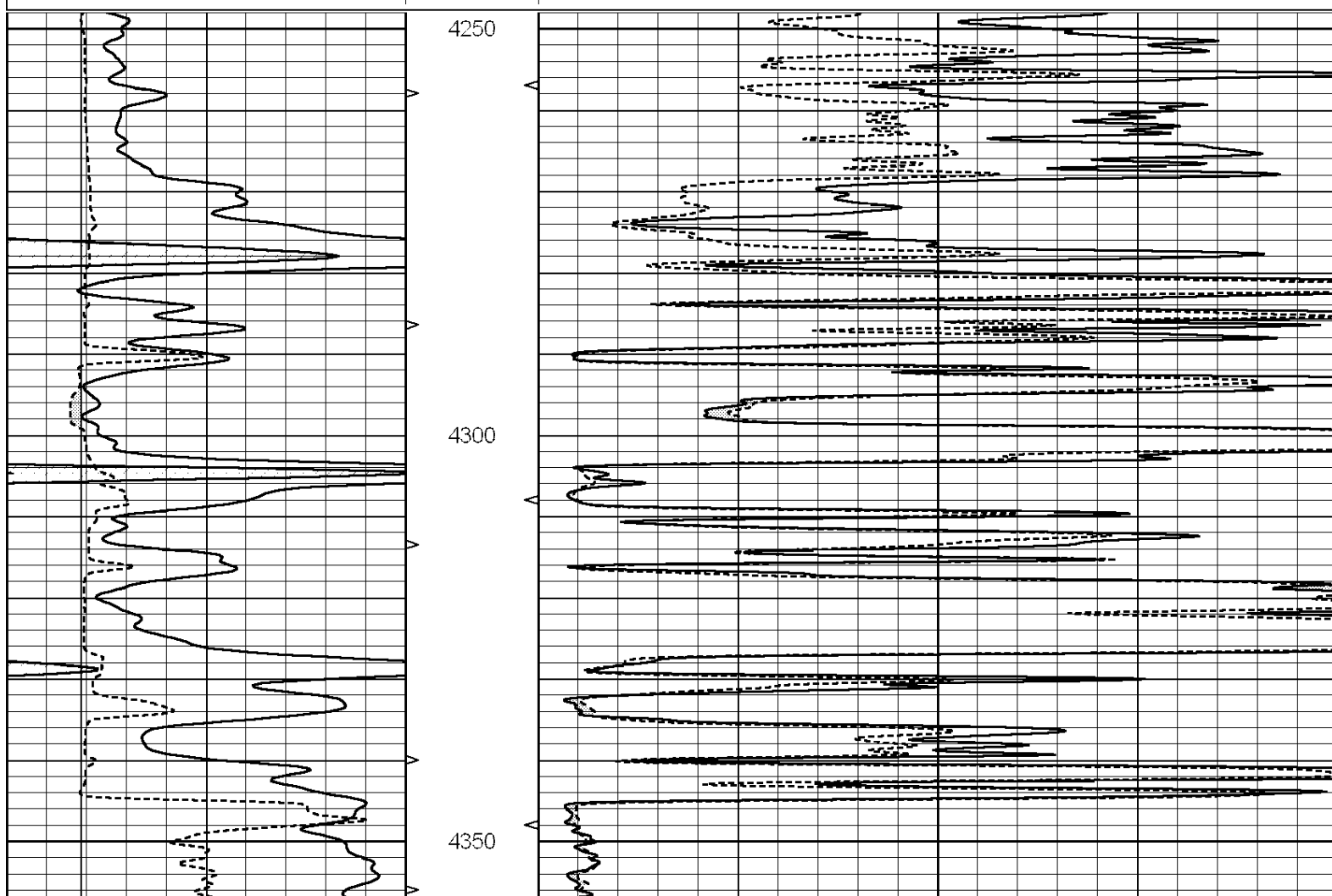
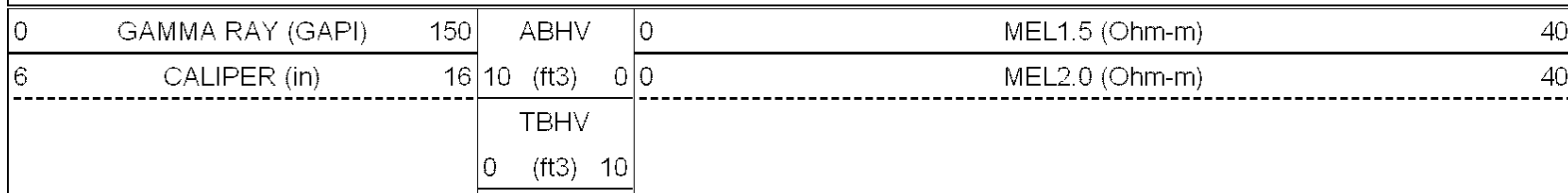


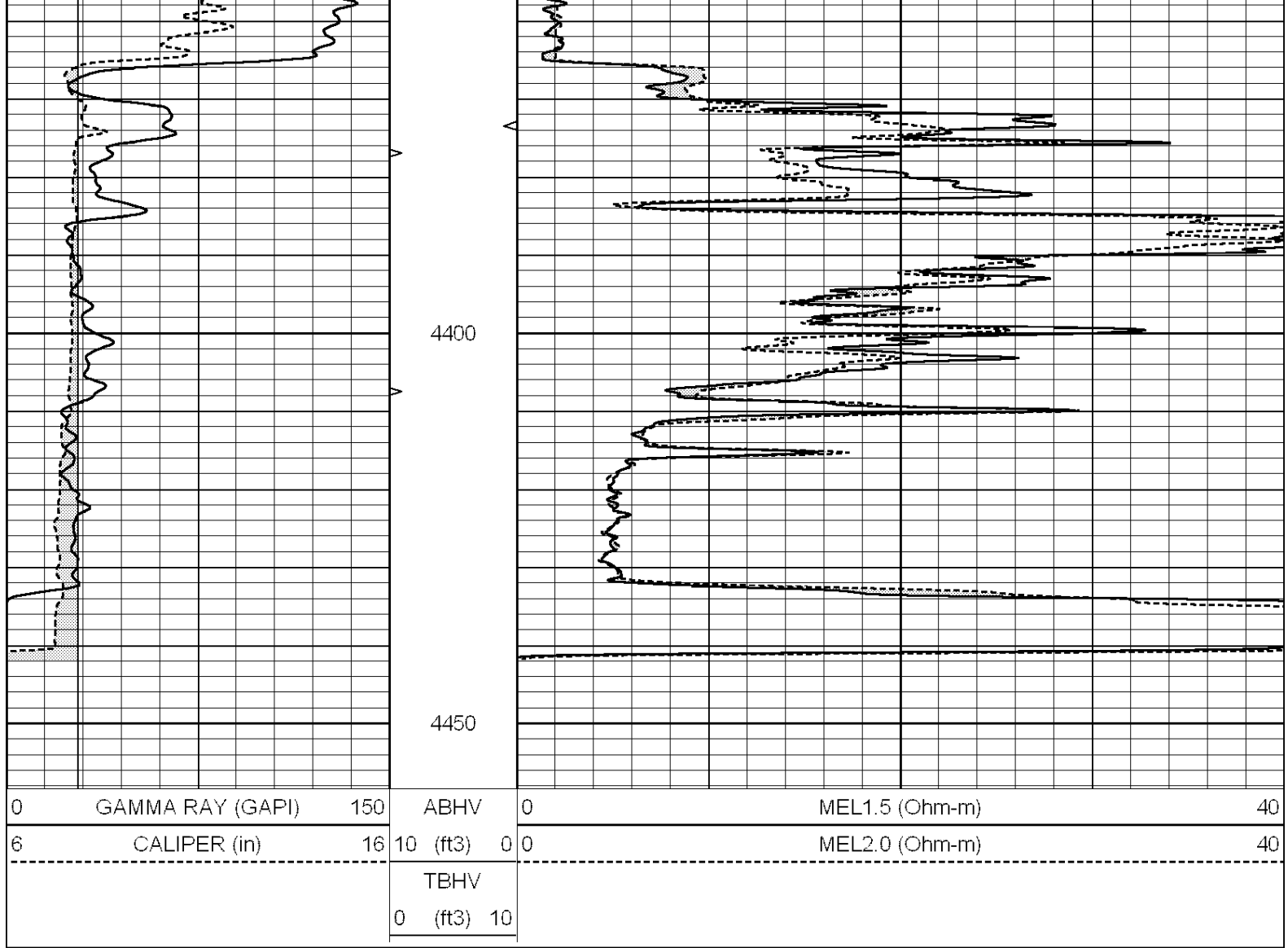


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REPEAT SECTION

Database File: 008850pe.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Thu Apr 26 13:00:35 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 008850pe.db
Dataset Pathname: pass6.1
Dataset Creation: Thu Apr 26 13:12:18 2012 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO6	
Tool Model:	PROBE	
Performed:	Sat Mar 24 05:25:46 2012	
Caliper Calibration:	Gain=6.253	Offset=-1.368
References	Low Cal	High Cal
Readings	5.800	13.000
	1.178	2.330
1.5" Calibration:	Gain=30.075	Offset=-0.200
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.196
2" Calibration:	Gain=27.041	Offset=0.300
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