



SUPERIOR
Hays,
Kansas

MICRO LOG

Company		MULL DRILLING COMPANY, INC.	
Well		HARKNESS TRUST #1-5	
Field		WILDCAT	
County		NESS	
State		KANSAS	
Location:		API # : 15-135-25079-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 5		TWP 17S	
RGE 23W		Elevation	
CDL/CNL/PE		DIL/SON	
K.B. 2494		D.F. 2492	
G.L. 2489			
Date	6-27-10		
Run Number	TWO		
Depth Driller	4640		
Depth Logger	4644		
Bottom Logged Interval	4626		
Top Log Interval	3700		
Casing Driller	8 5/8" @ 223		
Casing Logger	224		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6300 PPM	
Density / Viscosity	8.9/48		
pH / Fluid Loss	9.0/10.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.70 @ 93F		
Rmf @ Meas. Temp	.52 @ 93F		
Rmc @ Meas. Temp	.84 @ 93F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.53 @ 93F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	122F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	PHIL ASKEY		

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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
JCT. OF HWY 283 & HWY4 - 1 1/2 S. - 1/4 E. - S. INTO

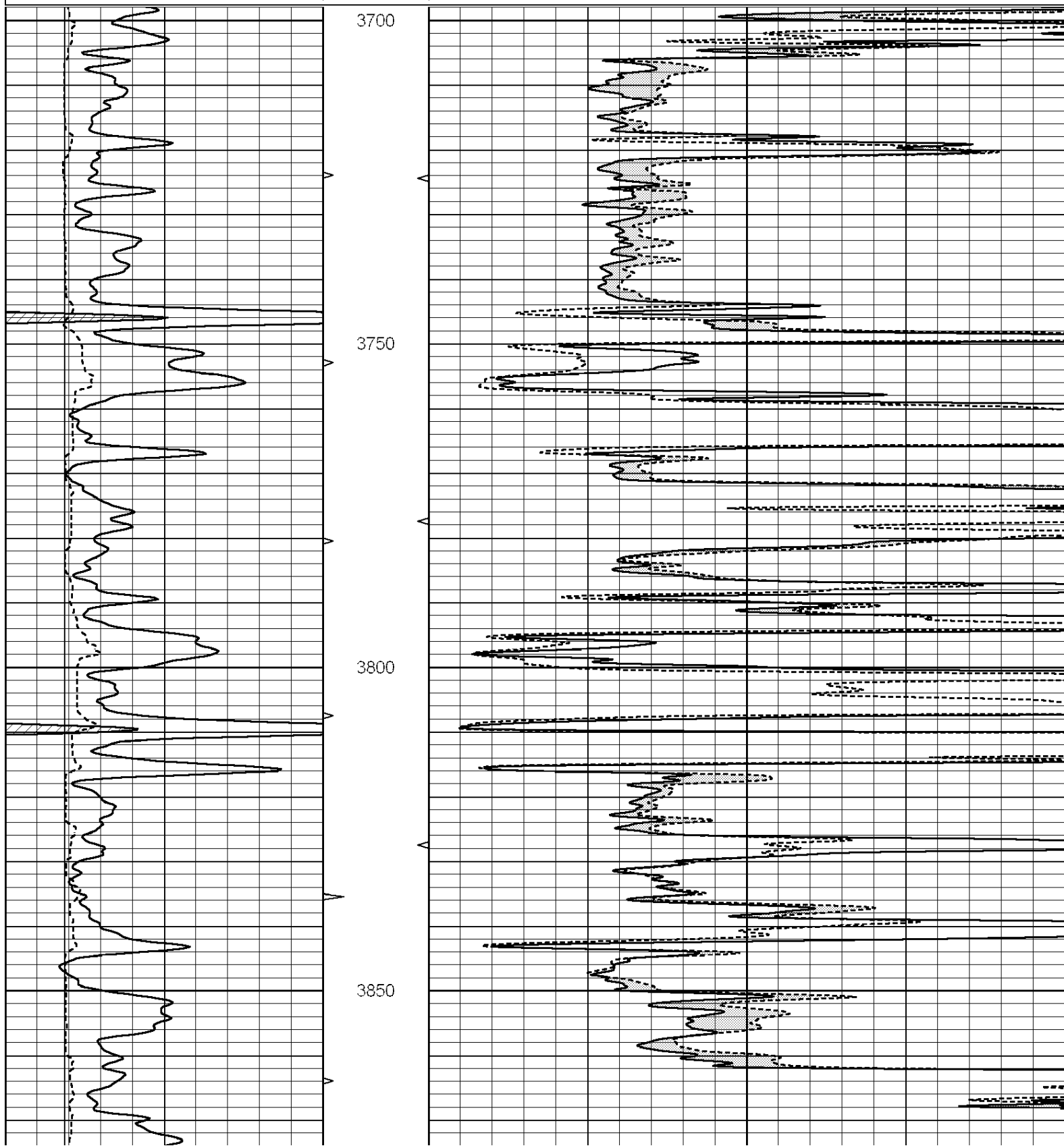


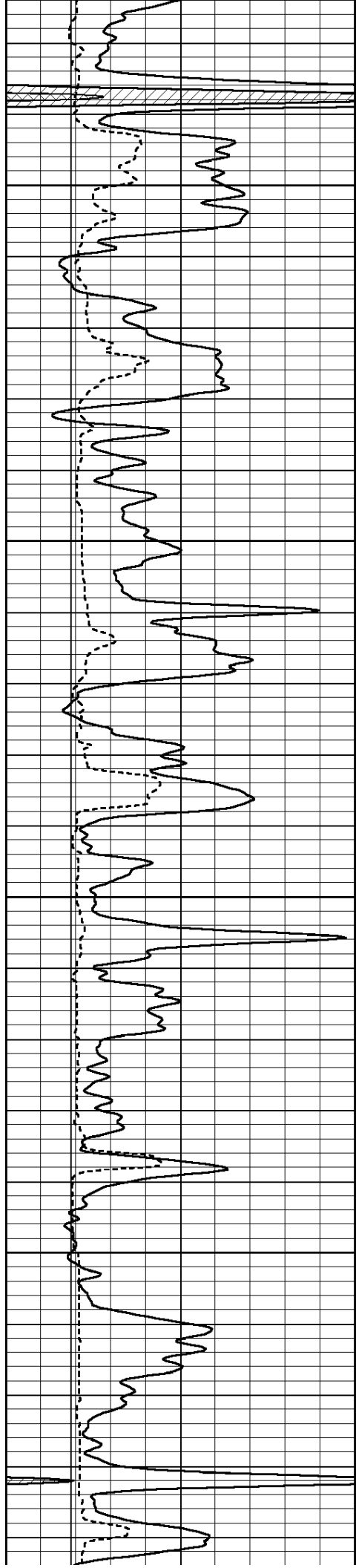
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MAIN SECTION

Database File: 005151pe.db
Dataset Pathname: pass7.1
Presentation Format: _micro
Dataset Creation: Sun Jun 27 18:43:00 2010 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		



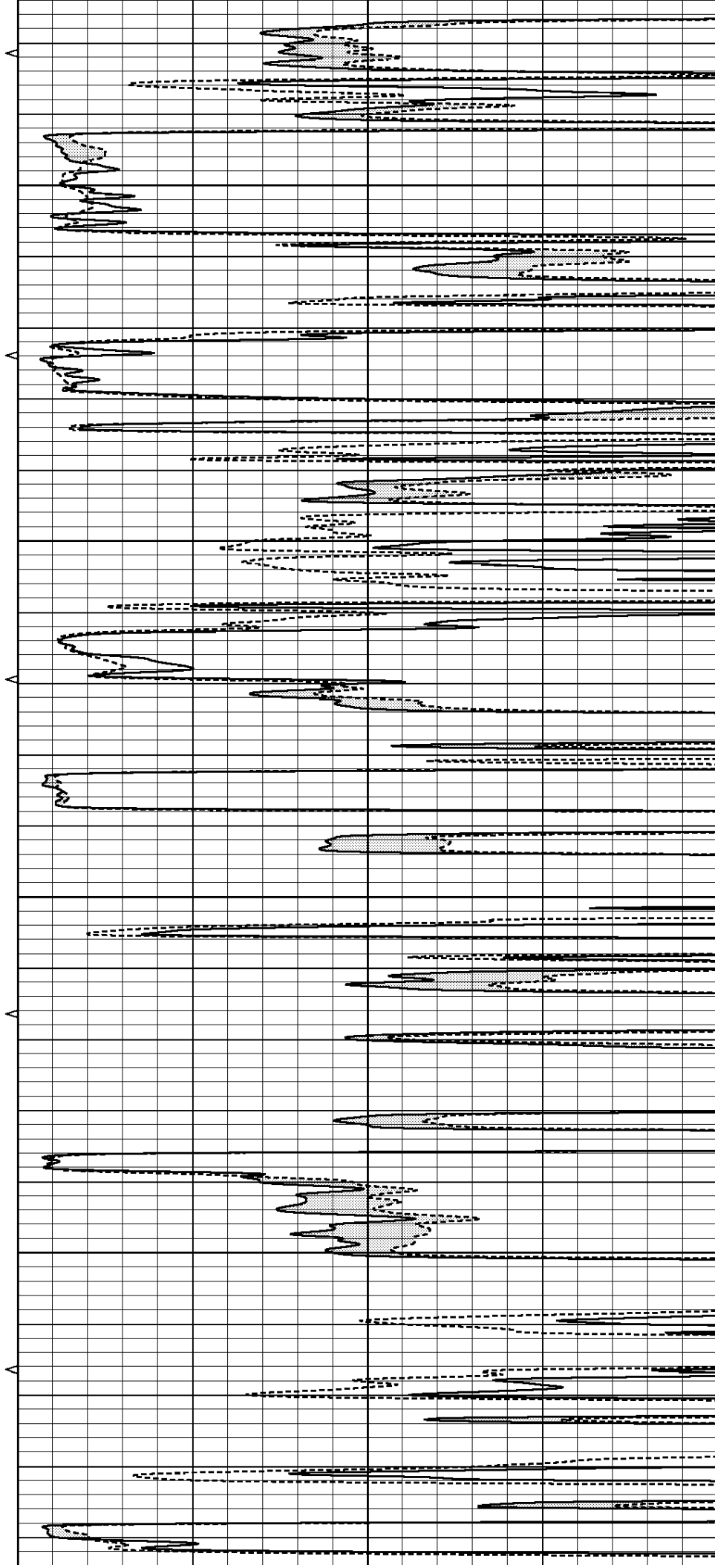


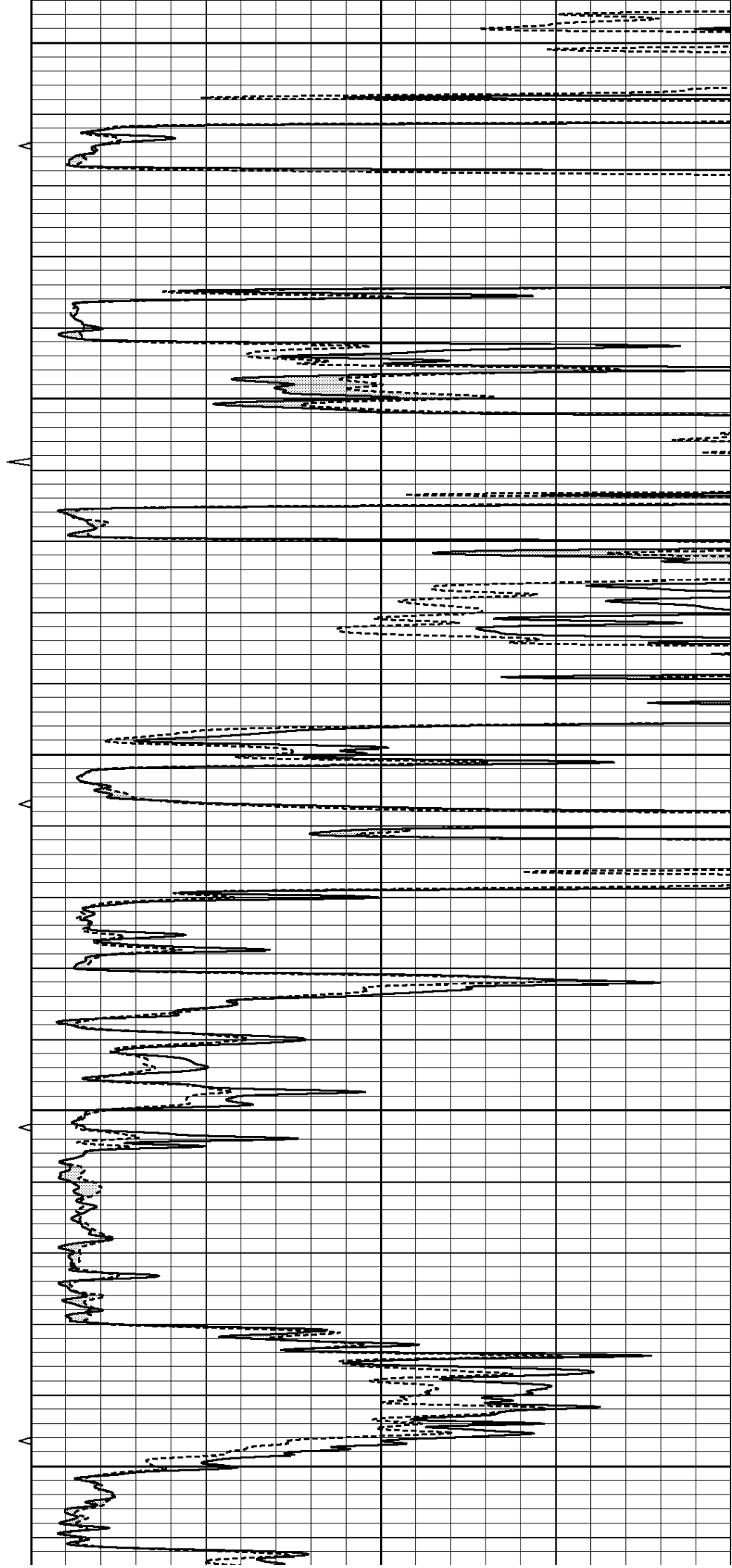
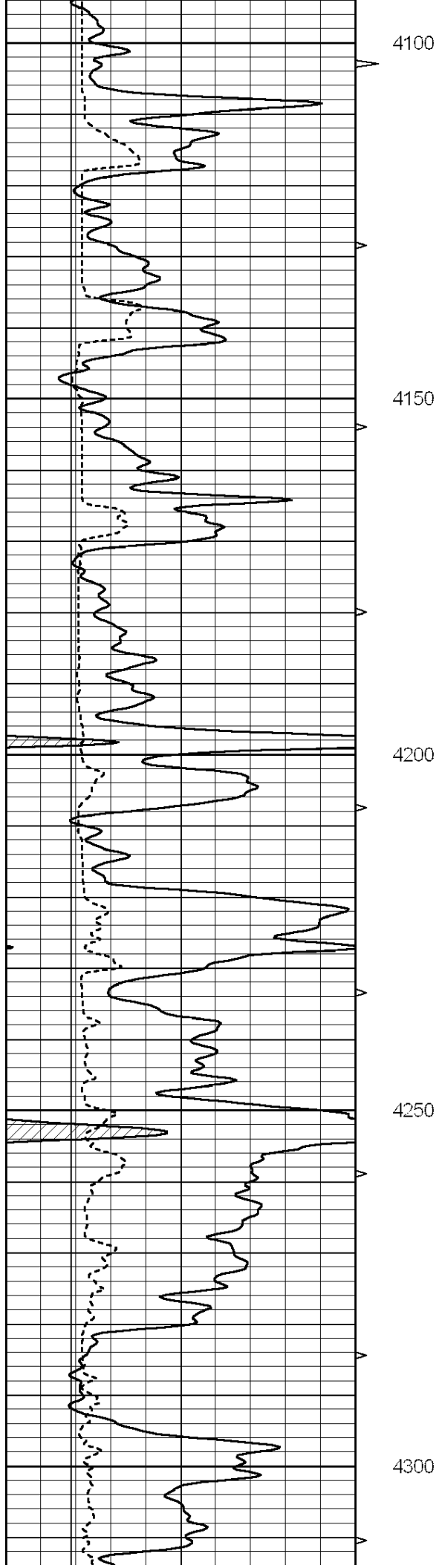
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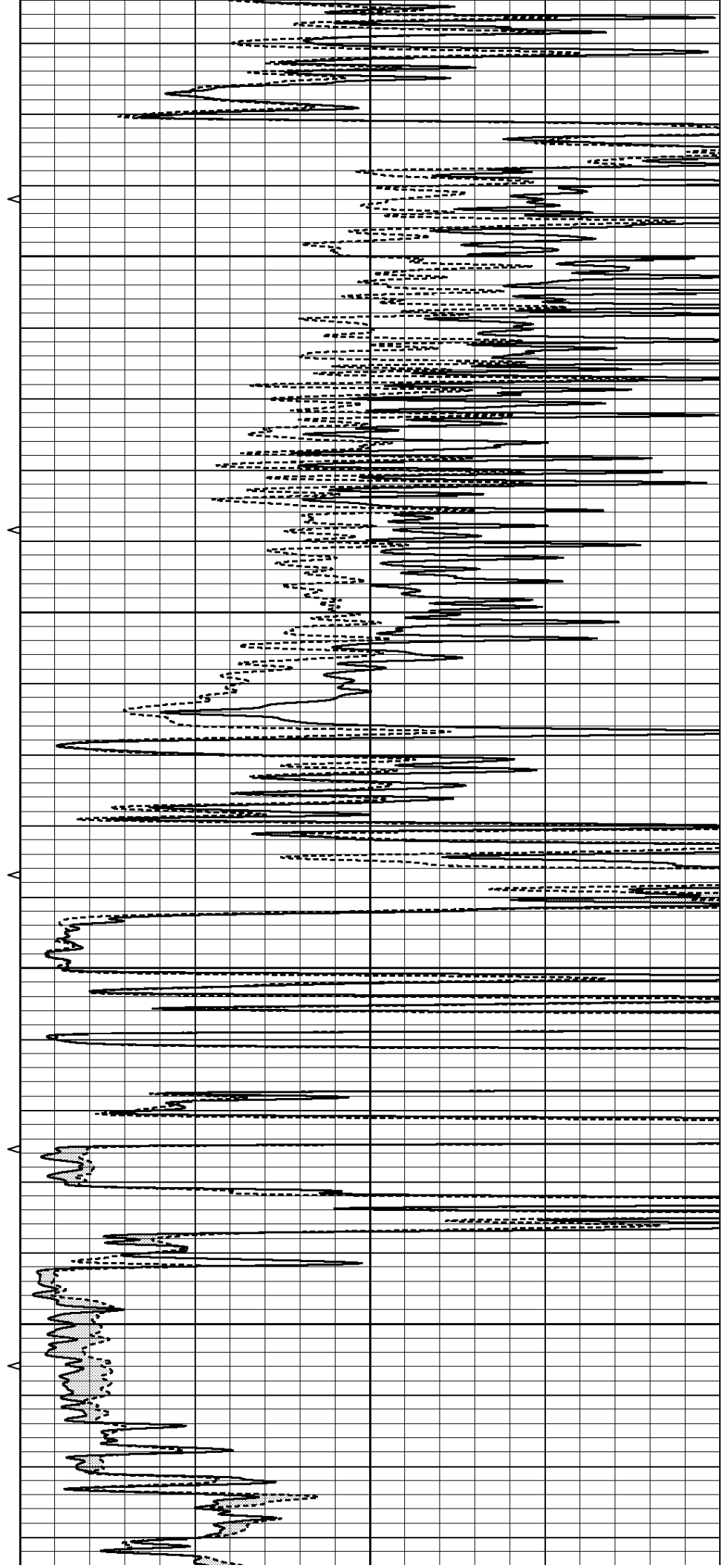
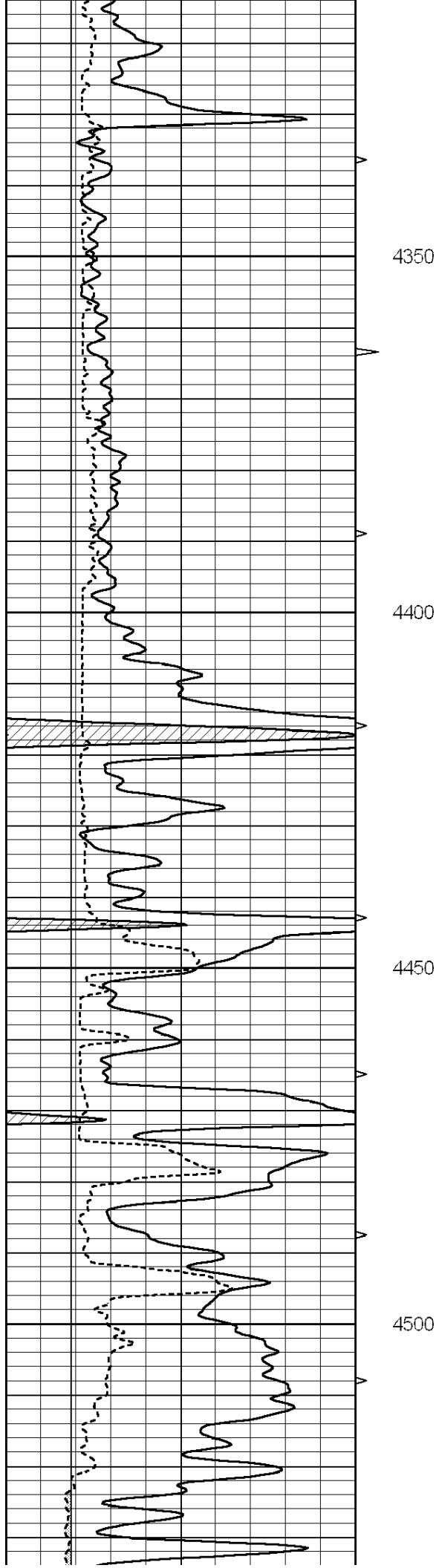
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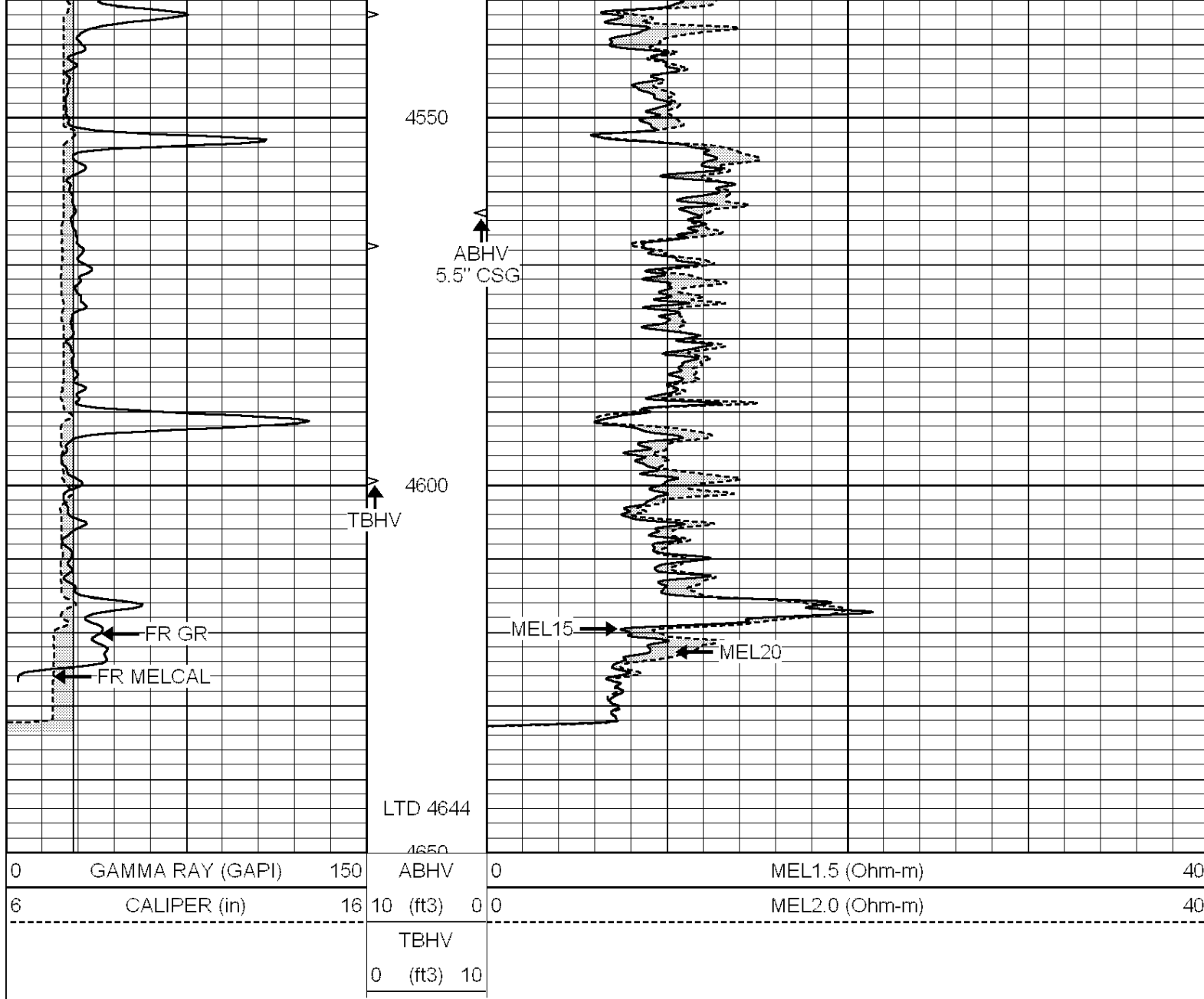
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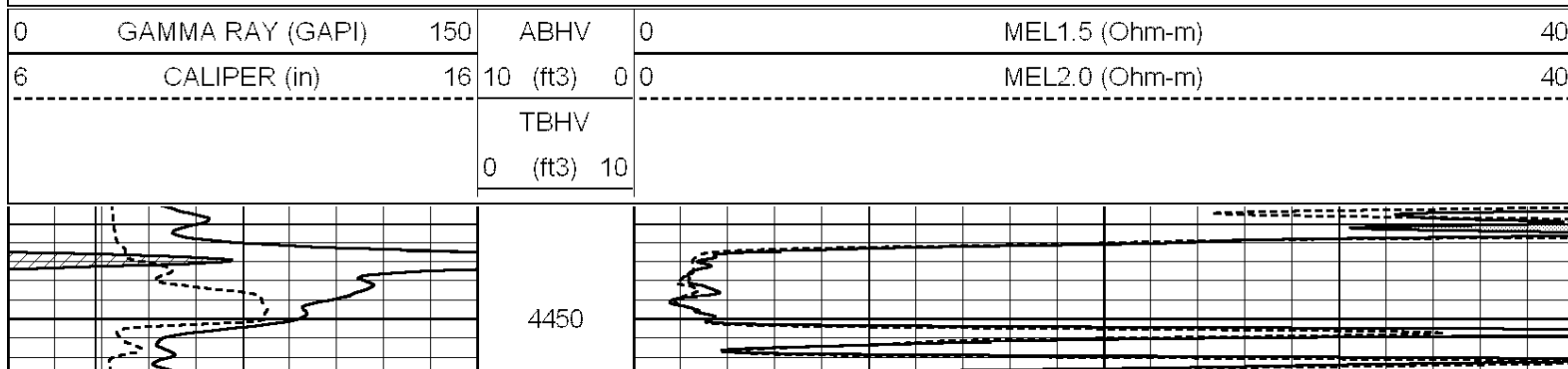


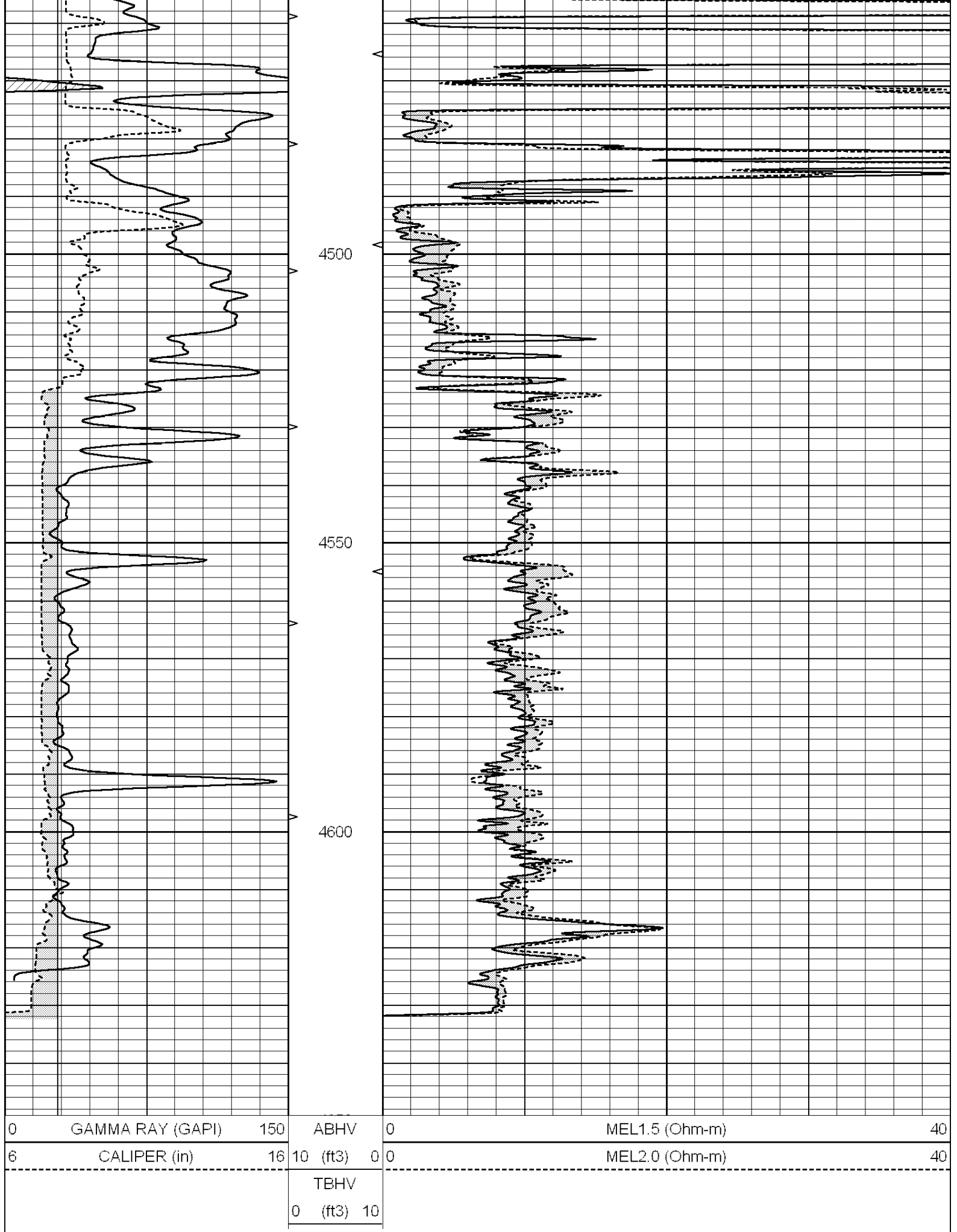


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REPEAT SECTION

Database File: 005151pe.db
 Dataset Pathname: pass6.3
 Presentation Format: _micro
 Dataset Creation: Sun Jun 27 18:31:04 2010 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: 005151pe.db
 Dataset Pathname: pass7.1
 Dataset Creation: Sun Jun 27 18:43:00 2010 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: MICRO3
 Tool Model: PROBE
 Performed: Thu Jun 17 05:48:35 2010

Caliper Calibration: Gain=2.969 Offset=-4.205

	Low Cal	High Cal
References	8.375	13.250
Readings	3.395	5.037

1.5" Calibration: Gain=291.940 Offset=-2.025

	Low Cal	High Cal
References	0.000	20.000
Readings	0.006	0.223

2" Calibration: Gain=290.050 Offset=-3.299

	Low Cal	High Cal
References	0.000	20.000
Readings	0.009	0.177

Gamma Ray Calibration Report

Serial Number: GR6
 Tool Model: OPEN
 Performed: Tue Nov 10 08:32:36 2009

Calibrator Value: 150.0 GAPI

Background Reading:	0.0	cps
Calibrator Reading:	276.0	cps

Sensitivity: 0.5535 GAPI/cps