



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	LOTUS OPERATING CO., LLC.		
Well	#1 PIESTER D		
Field	SOLDIER CREEK		
County	KIOWA	State	KANSAS
Location:	API # : 15-097-21774-00-00 NW - NE - NW		Other Services CDL/CDN/PE DIL/SON
Permanent Datum	SEC 25	TWP 29S	RGE 16W
Log Measured From	GROUND LEVEL Elevation 1978		
Drilling Measured From	KELLY BUSHING 13' A.G.L. KELLY BUSHING		
Elevation	K.B. 1991 D.F. 1989 G.L. 1978		
Date	11/16/13		
Run Number	TWO		
Depth Driller	5025		
Depth Logger	5029		
Bottom Logged Interval	5011		
Top Log Interval	3800		
Casing Driller	10 3/4"@274'		
Casing Logger	272		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,000 PPM	
Density / Viscosity	9.4/48		
pH / Fluid Loss	10.5/9.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.5@80F		
Rmf @ Meas. Temp	1.13@80F		
Rmc @ Meas. Temp	1.8@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	0.32@125F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	125F		
Equipment Number	860		
Location	HAYS, KANSAS		
Recorded By	IAN MABB		
Witnessed By	TIM HELLMAN		

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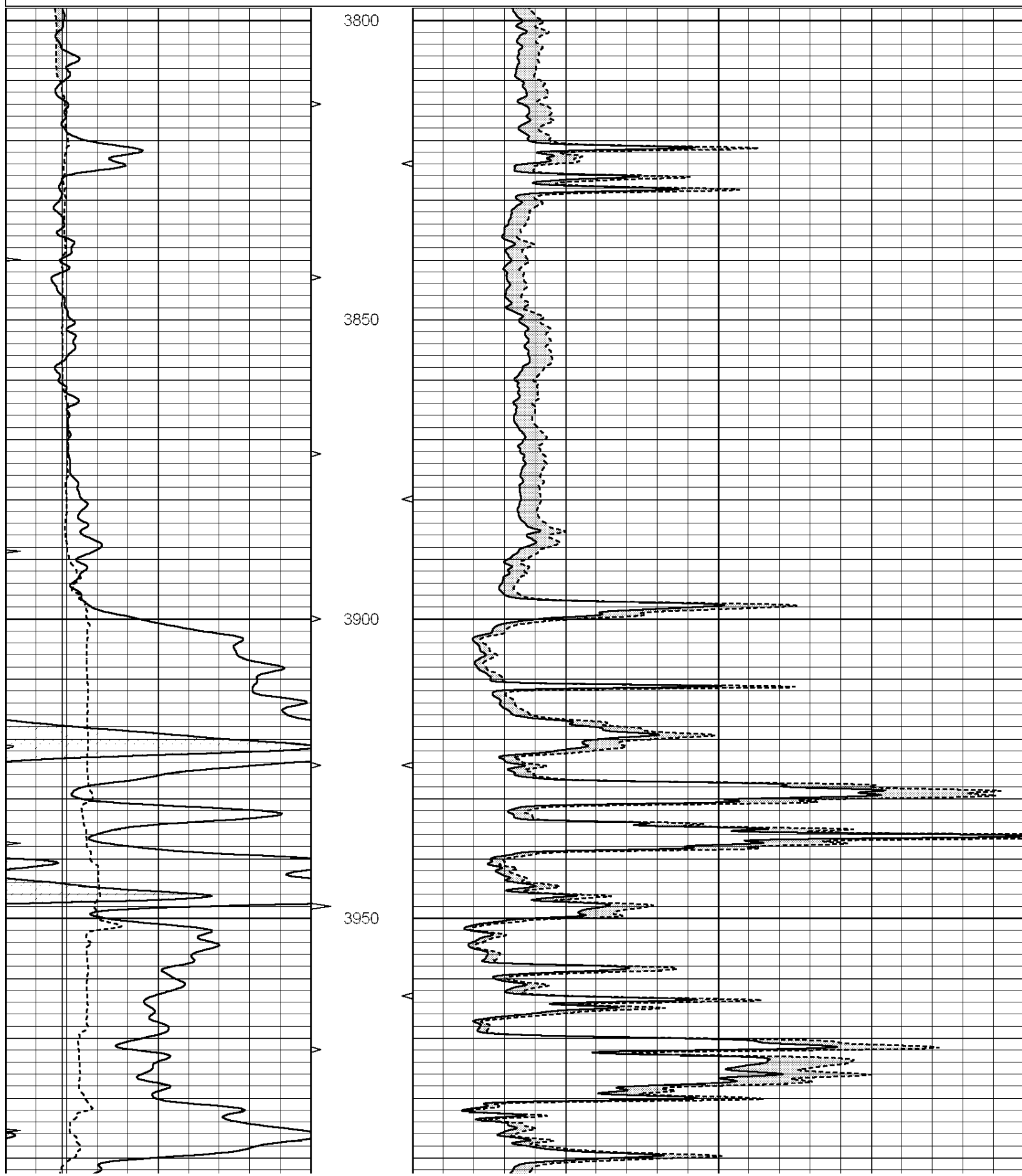
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

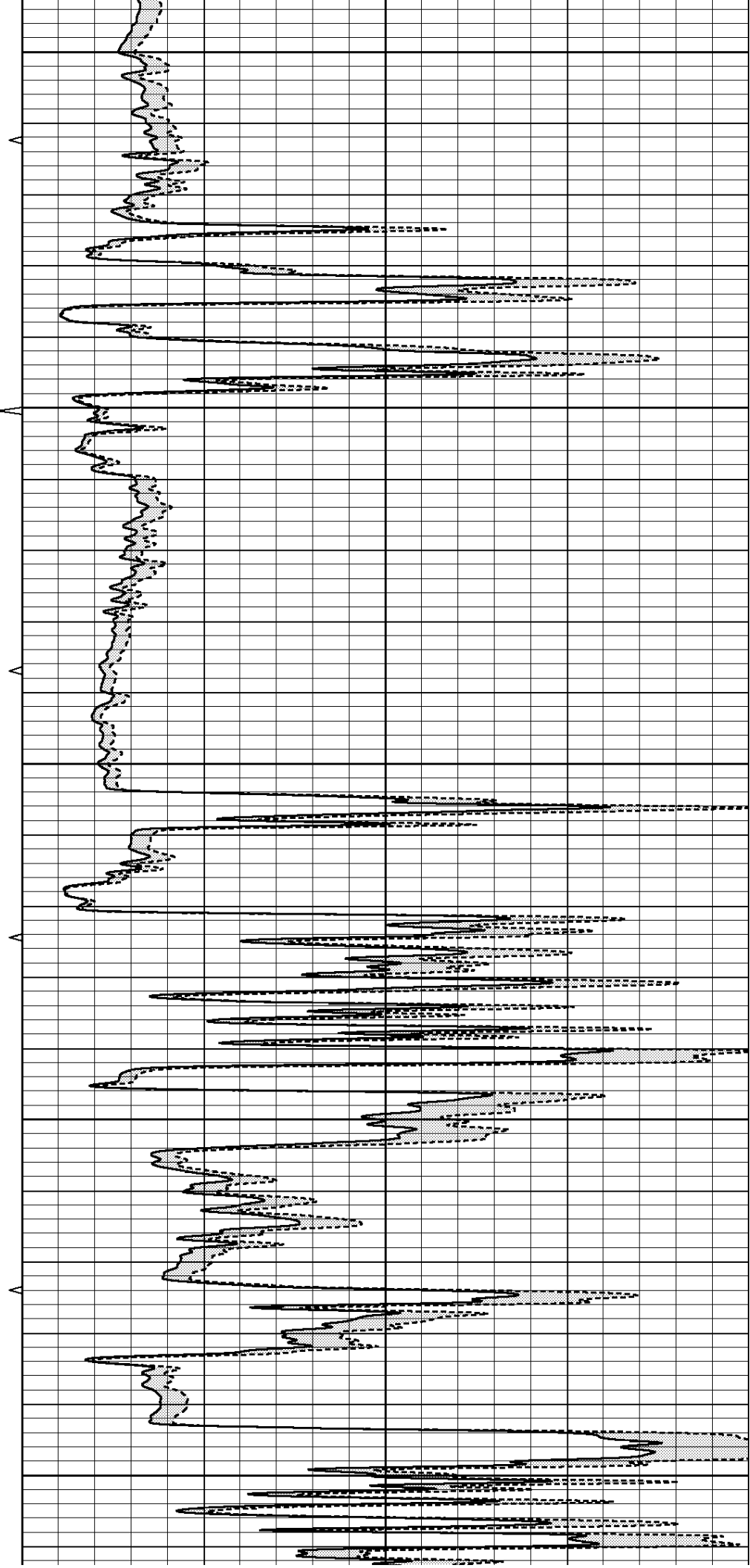
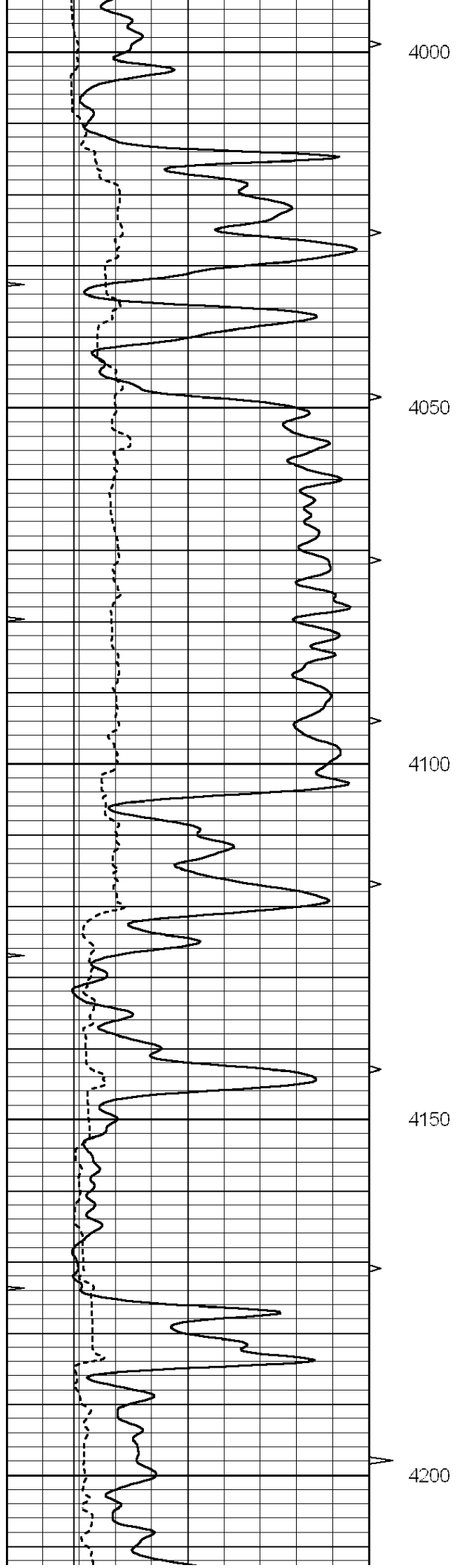
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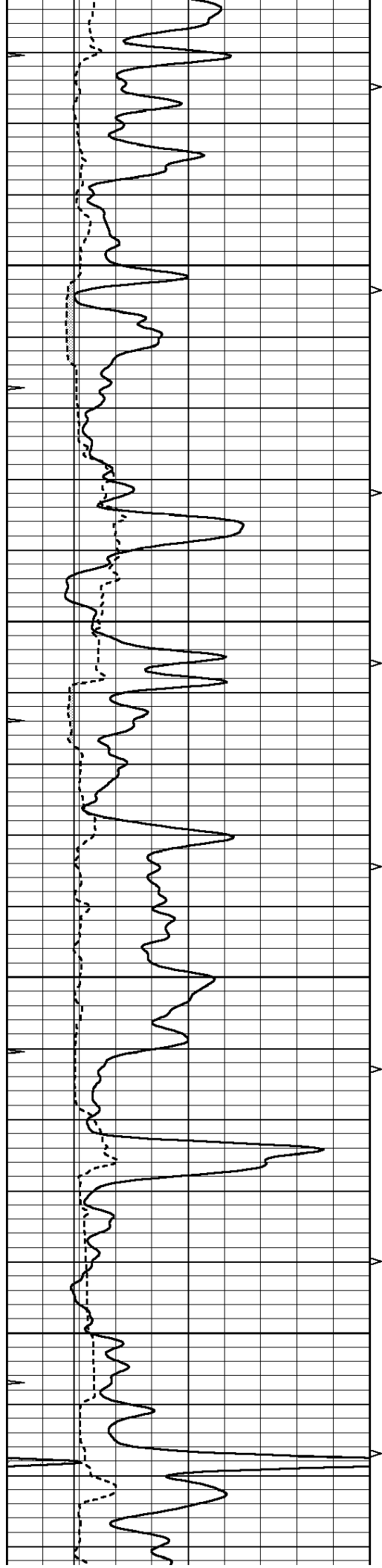
THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
CROFT, KS. - JUST NORTH OF GRAIN ELAVATORS 2 WEST SOUTH INTO

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40





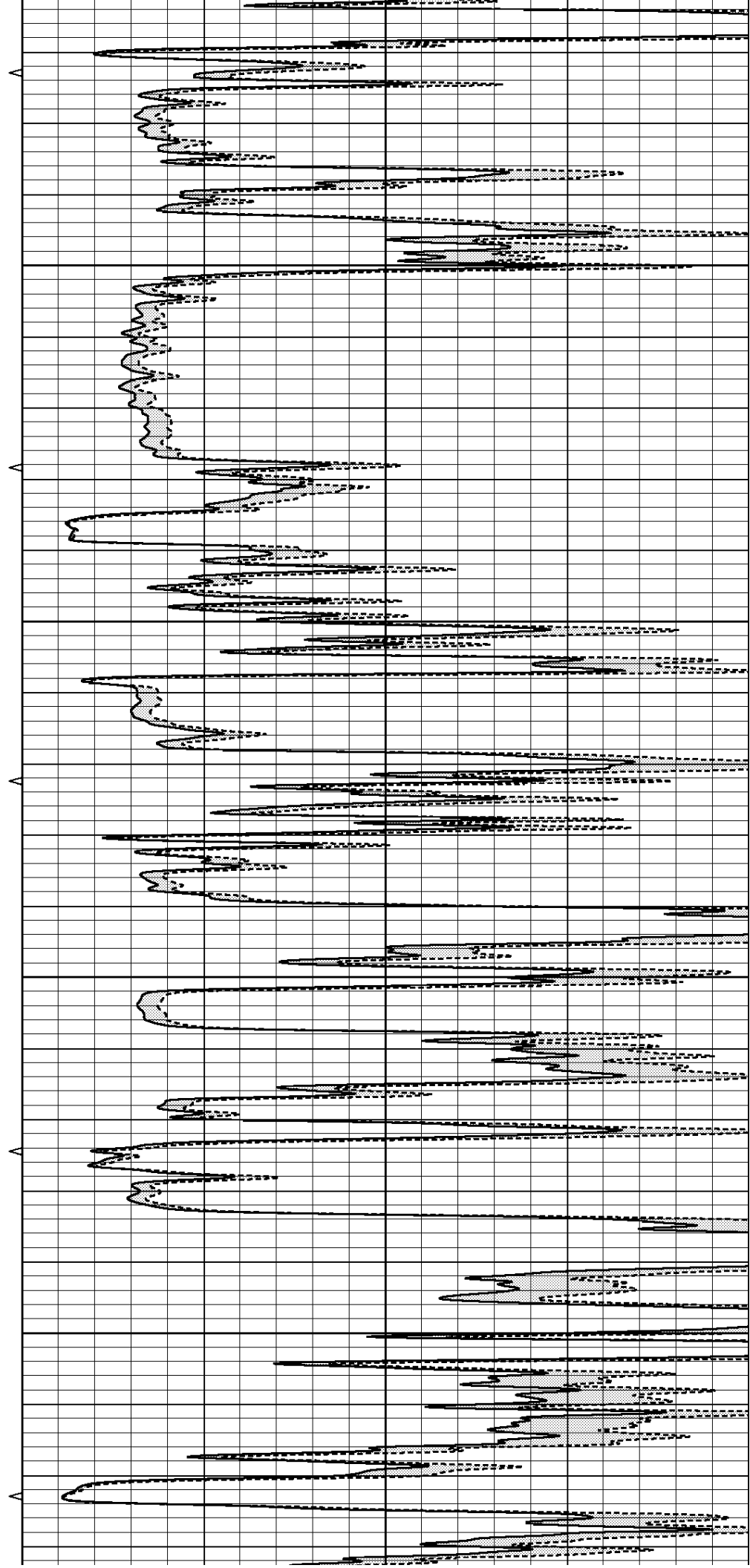


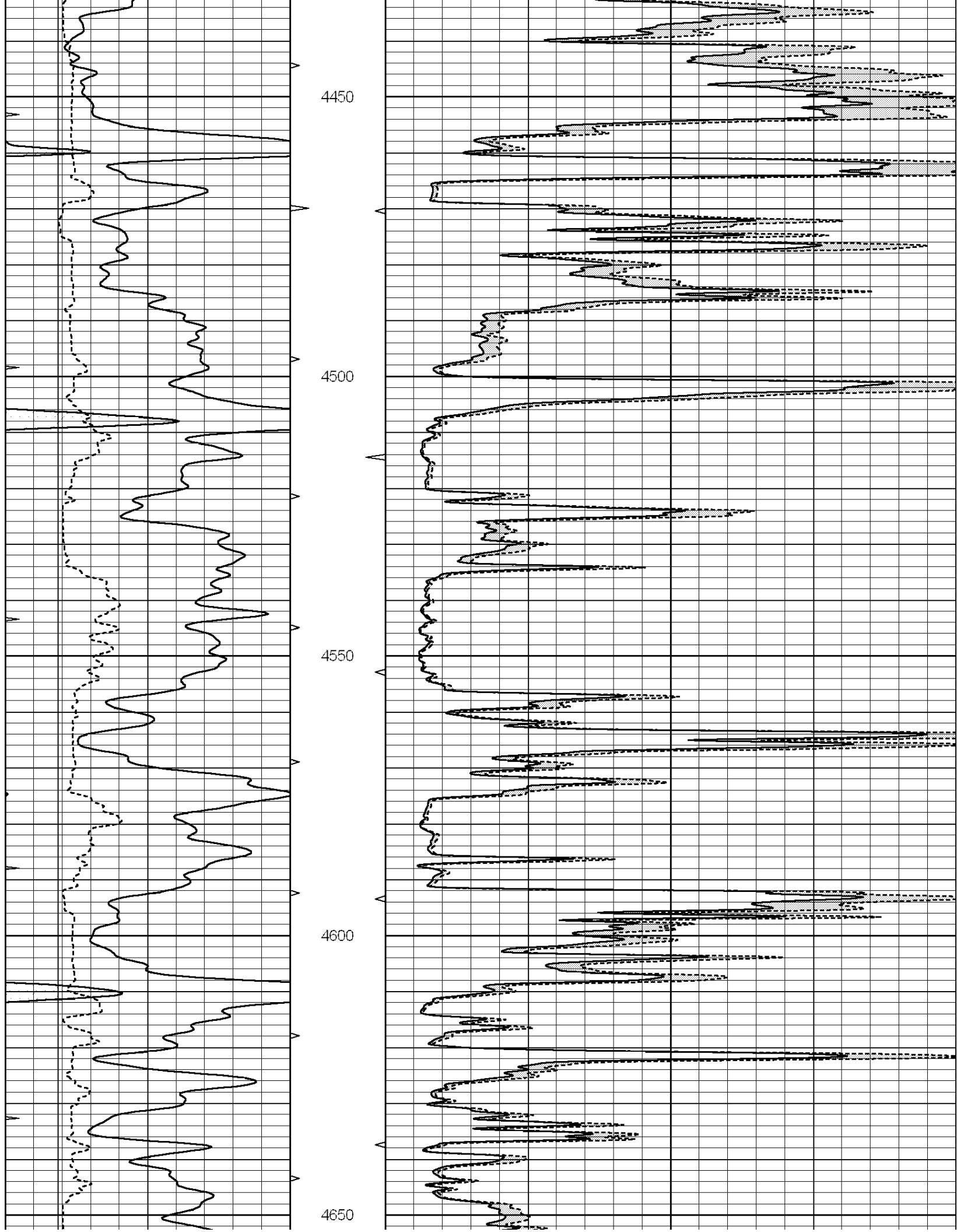
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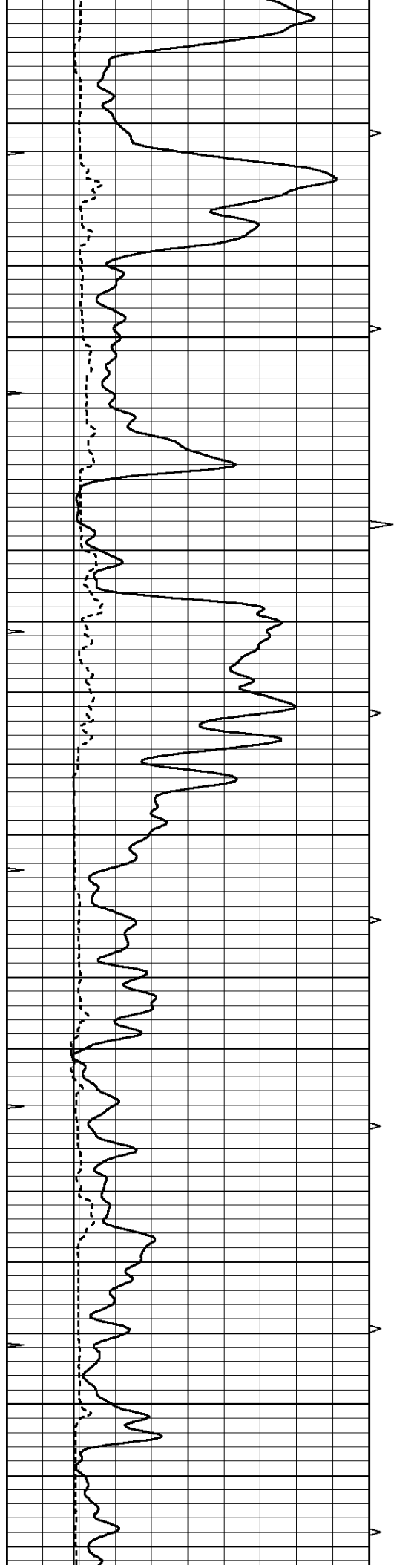
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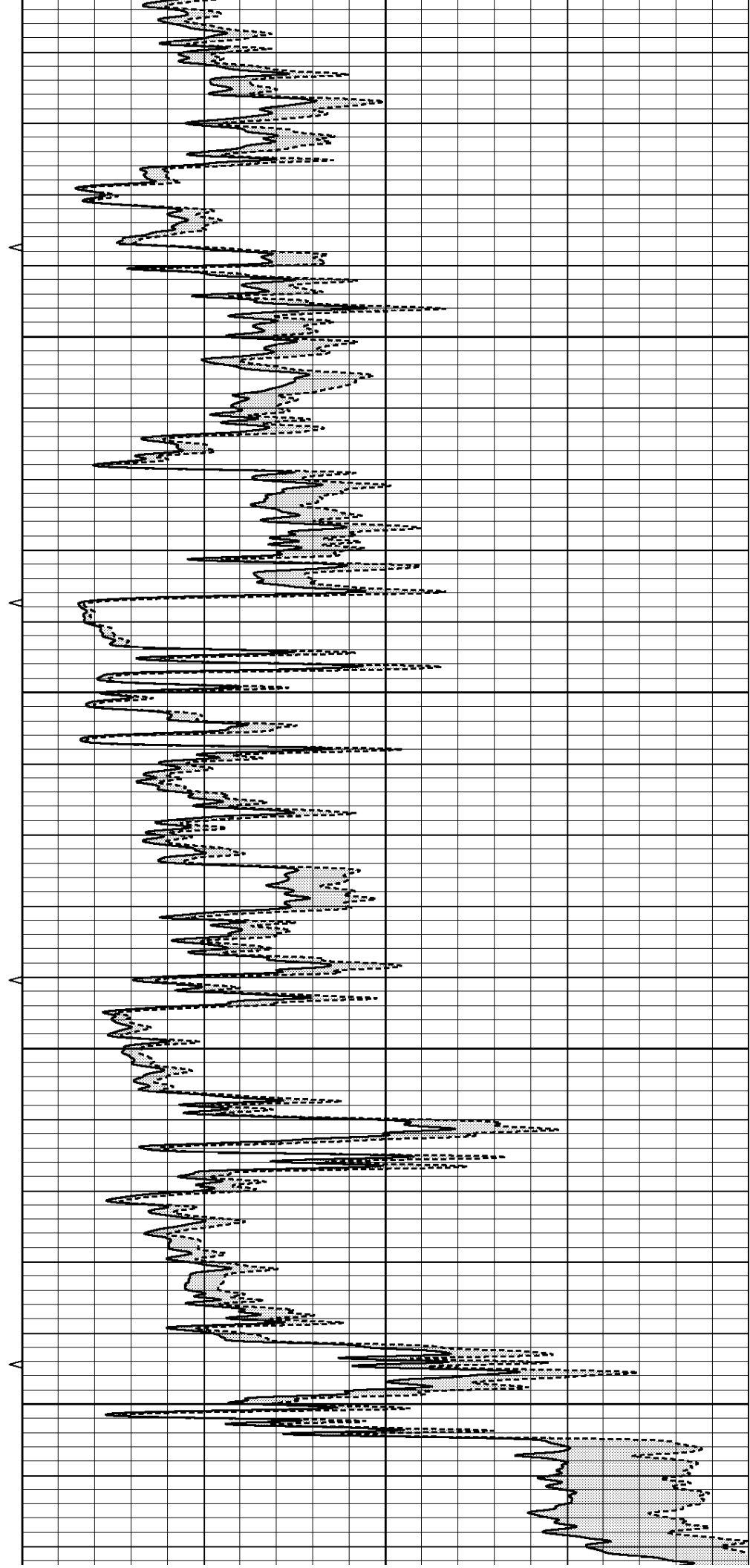


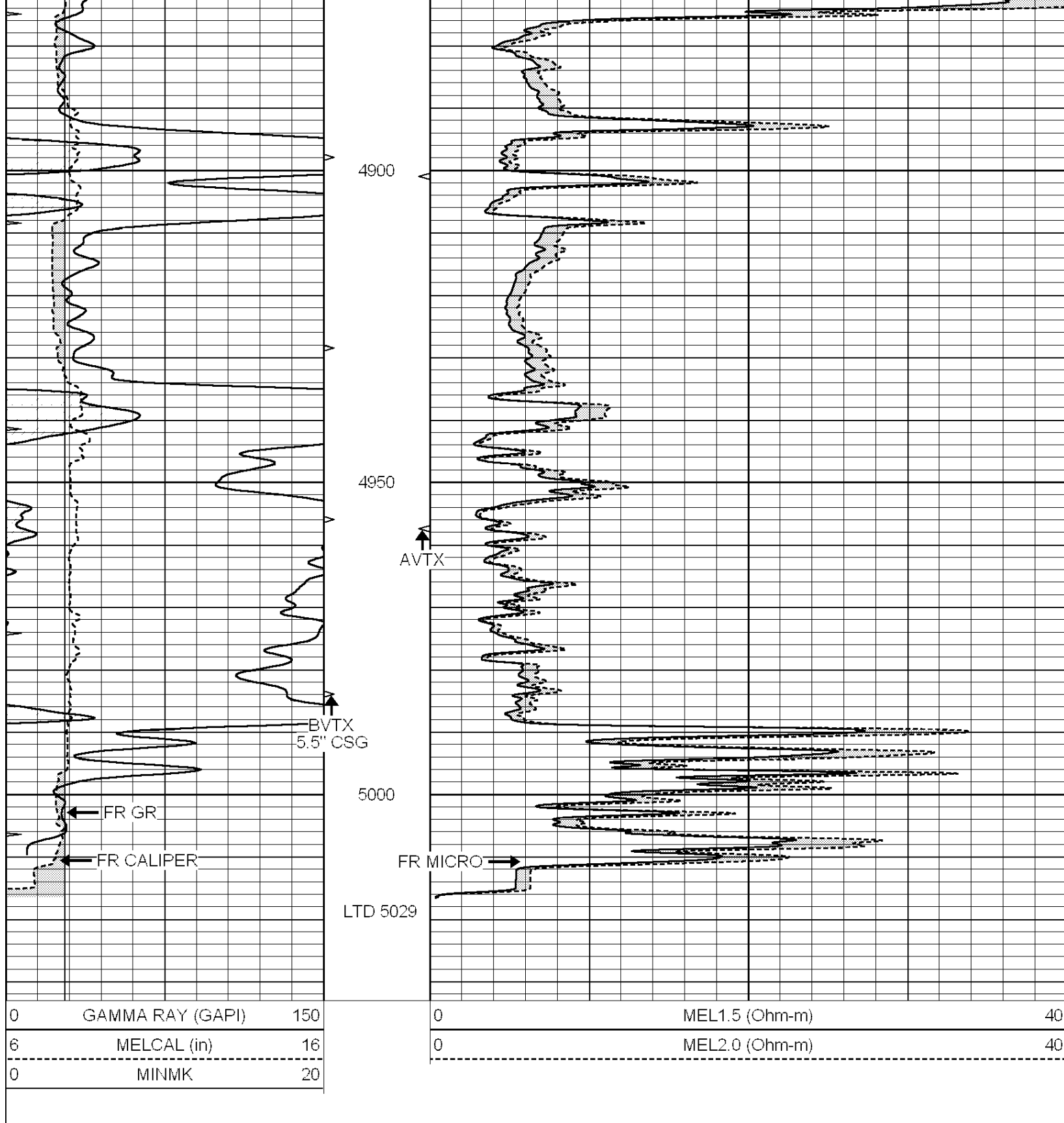
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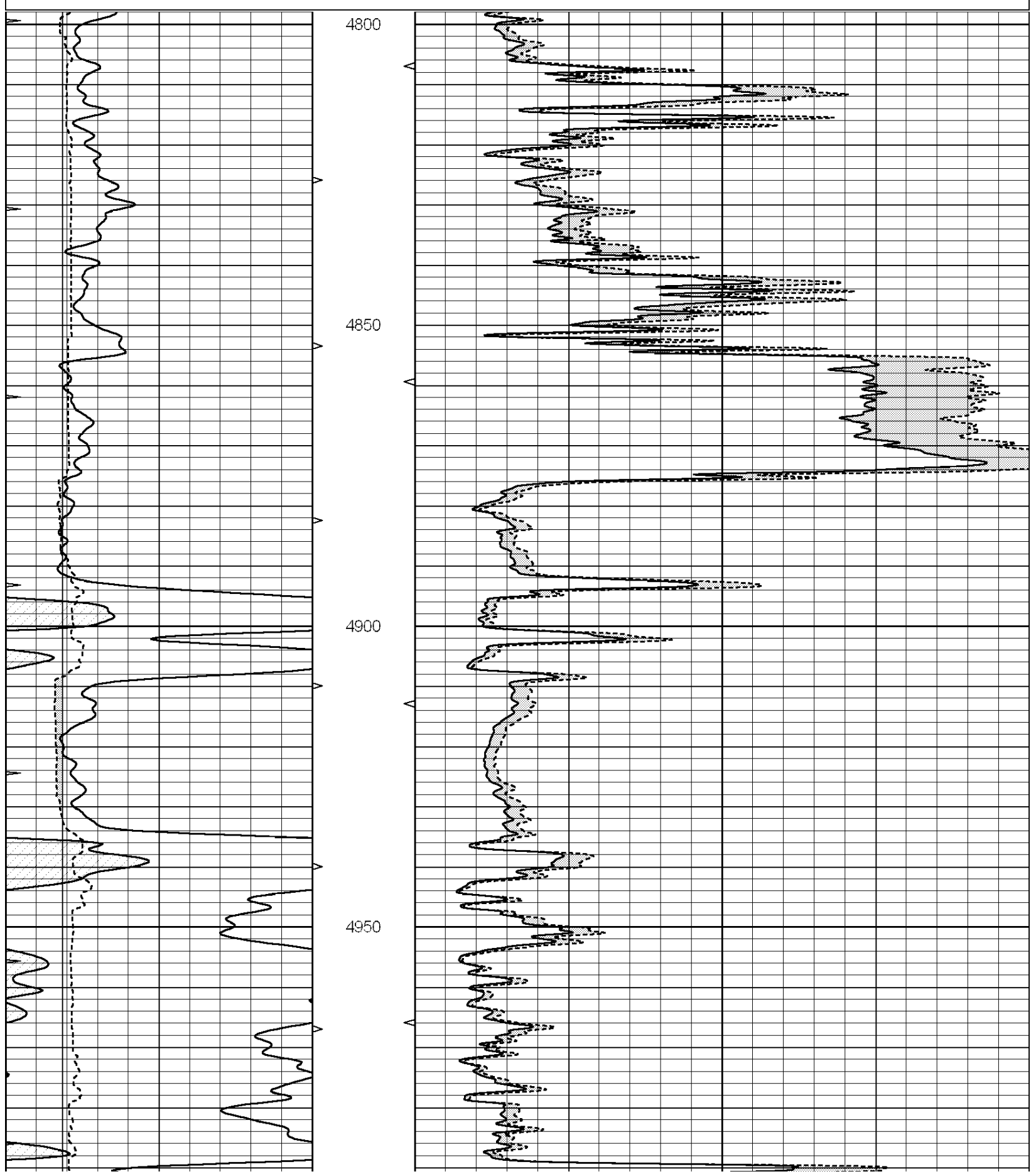
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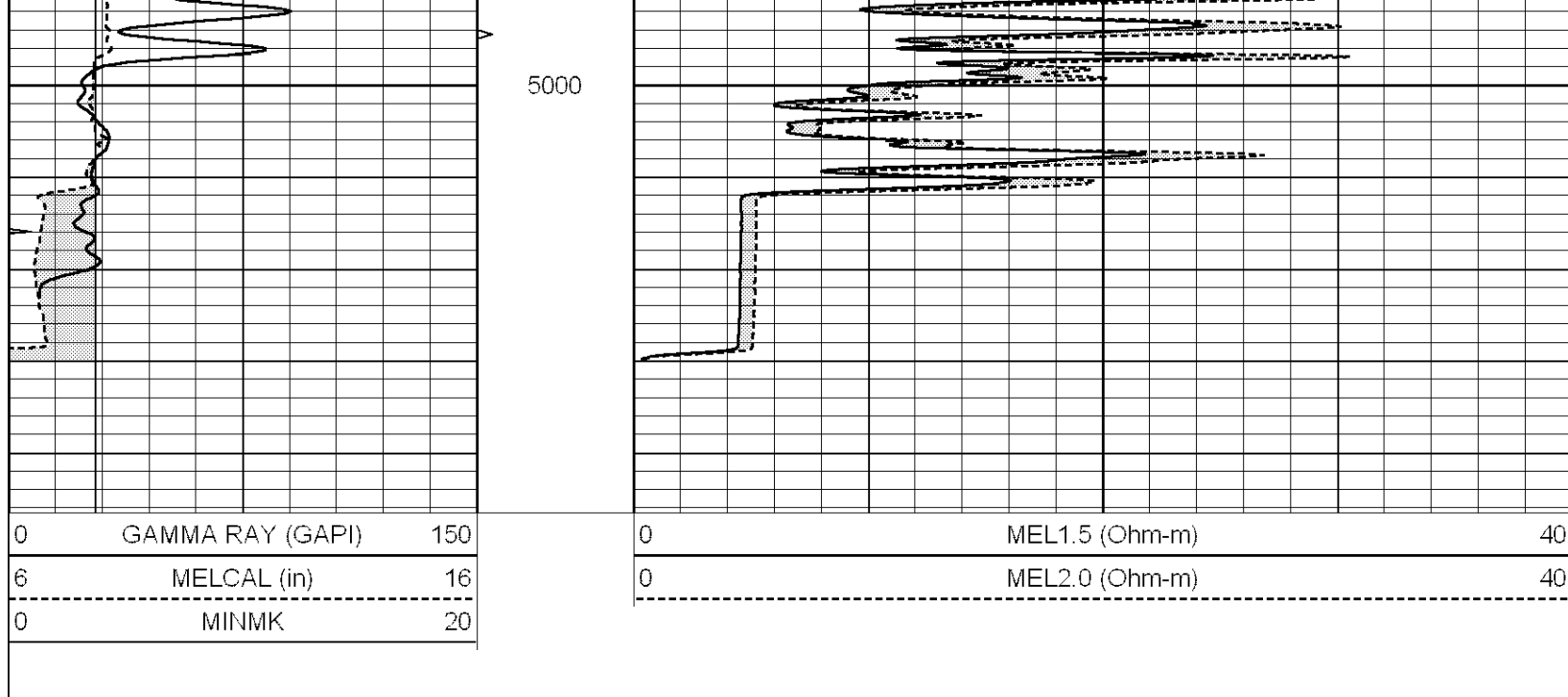




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Calibration Report

Database File: 012038pe.db
 Dataset Pathname: pass12.1
 Dataset Creation: Sat Nov 16 11:23:12 2013 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO4	
Tool Model:	PROBE	
Performed:	Sat Nov 09 01:32:36 2013	
Caliper Calibration:	Gain=2.947	Offset=-9.100
References	Low Cal	High Cal
Readings	8.600	14.000
	5.934	7.767
1.5" Calibration:	Gain=27.000	Offset=0.500
References	Low Cal	High Cal
Readings	0.000	20.000
	0.009	1.541
2" Calibration:	Gain=30.000	Offset=0.350
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.198

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sat Nov 09 00:52:29 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.9000	GAPI/cps