



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company	CAERUS KANSAS, LLC	Location:	API # : 15-185-23679	Other Services CDL/CNL DIL/SONIC
Well	WATERS #30-42	1651' FNL & 441' FEL		
Field	SATTERLEE			
County	STAFFORD	State KANSAS		
SEC 30 TWP 24S RGE 14W				
Permanent Datum	GROUND LEVEL	Elevation	1987	Elevation
Log Measured From	KELLY BUSHING 9' A.G.L.			K.B. 1996
Drilling Measured From	KELLY BUSHING			D.F. 1987
Date	6-23-11			
Run Number	TWO			
Depth Driller	4450			
Depth Logger	4449			
Bottom Logged Interval	4430			
Top Log Interval	3200			
Casing Driller	266			
Casing Logger	264			
Bit Size	7.875			
Type Fluid in Hole	CHEMICAL MUD			
Density / Viscosity	9.4 / 58			
pH / Fluid Loss	9.5 / 9.2			
Source of Sample	FLOWLINE			
Rim @ Meas. Temp	0.80 @ 95F			
Rmf @ Meas. Temp	0.60 @ 95F			
Rmc @ Meas. Temp	0.96 @ 95F			
Source of Rmf / Rmc	MEASURED			
Rim @ BHT	.640 @ 119F			
Time Circulation Stopped	2 HOURS			
Time Logger on Bottom	1:15 A.M.			
Maximum Recorded Temperature	119F			
Equipment Number	860			
Location	HAYS, KS.			
Recorded By	RUPP			
Witnessed By	HERB DIENES			

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: MACKSVILLE, 4E, 1 1/2S, W INTO.



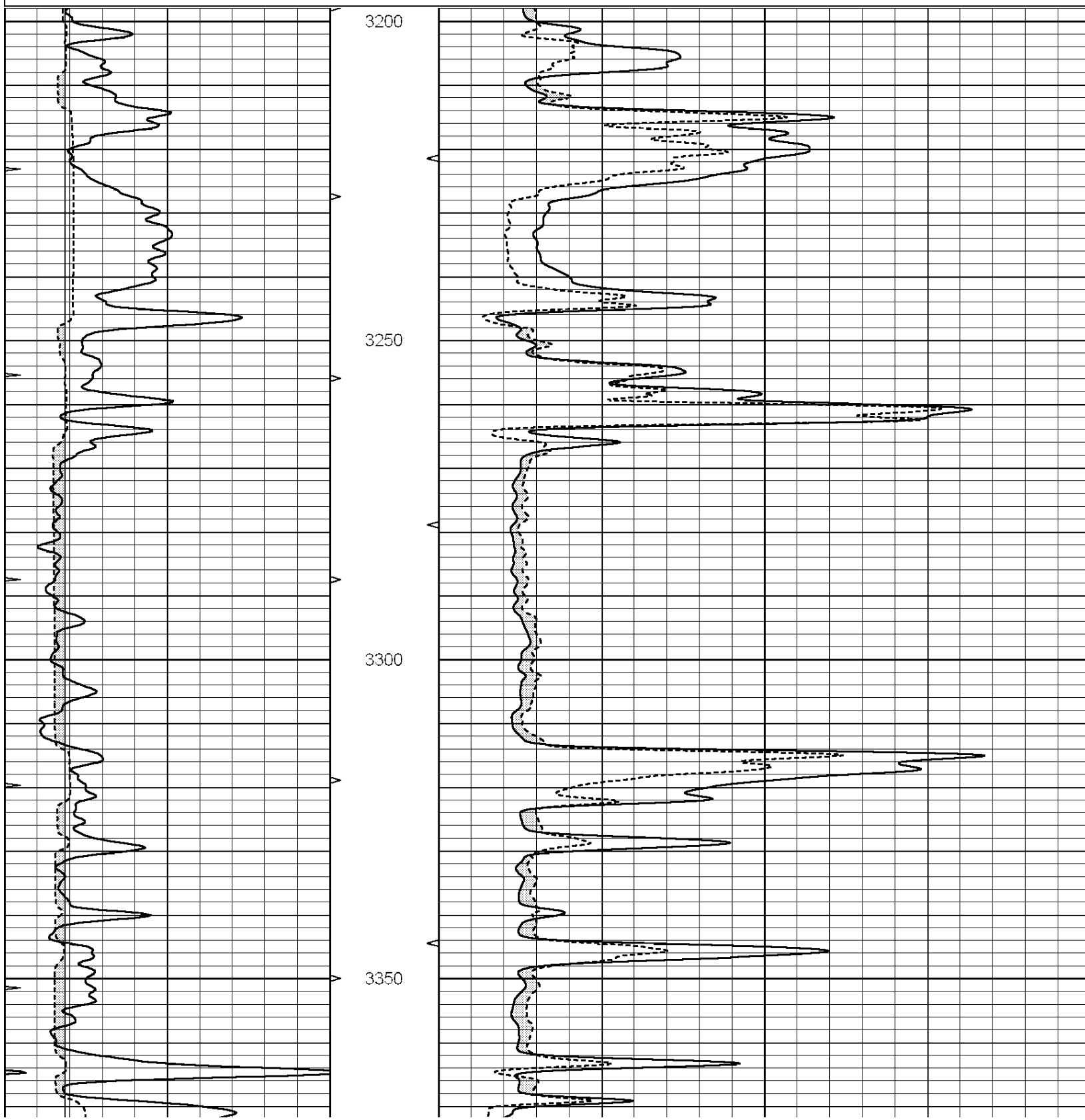
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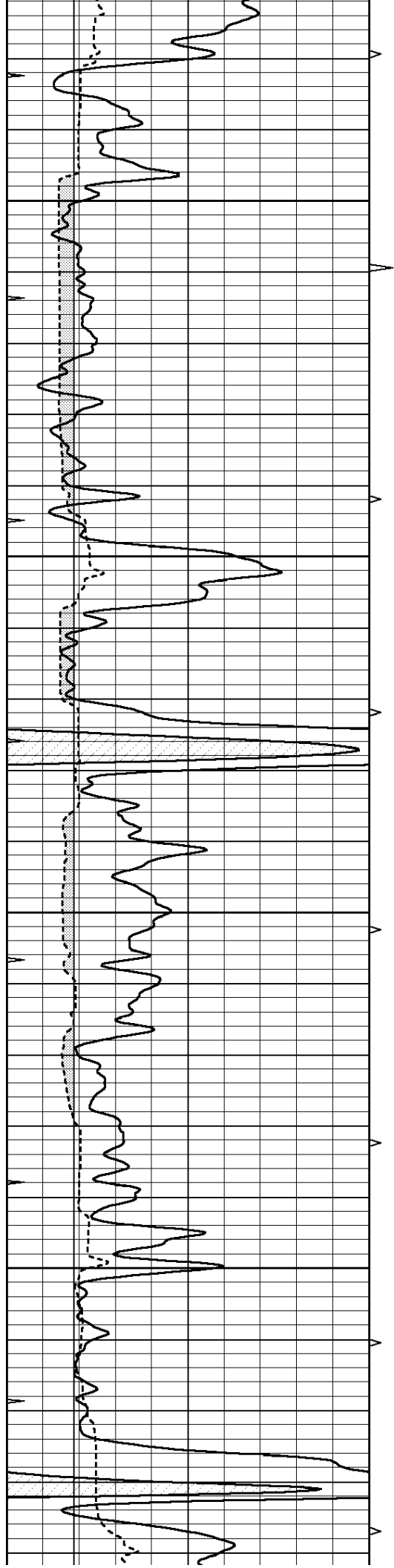
MAIN SECTION

Database File: 006941ddn.db
Dataset Pathname: pass6A
Presentation Format: micro
Dataset Creation: Thu Jun 23 06:02:37 2011
Charted by: Depth in Feet scaled 1:240

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

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



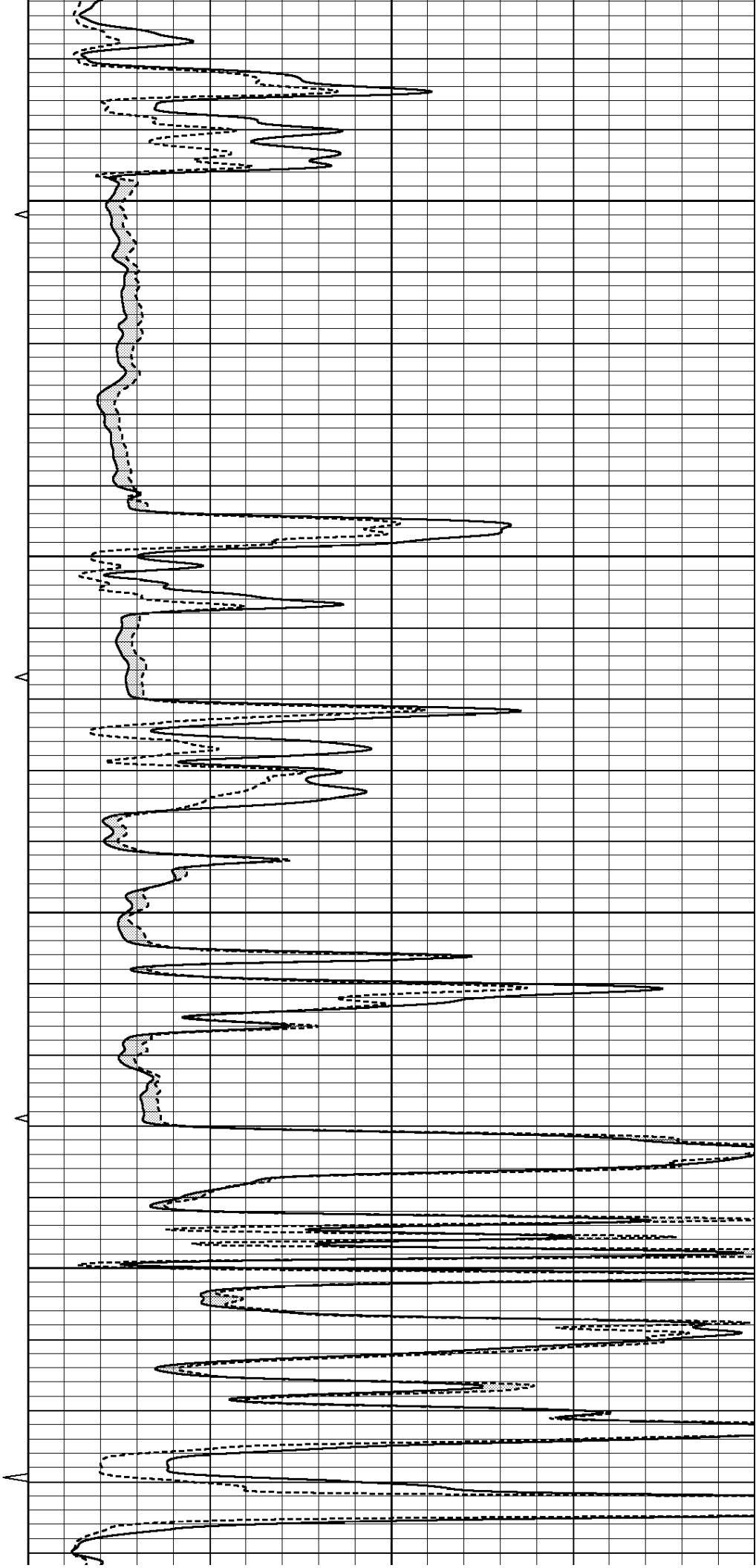


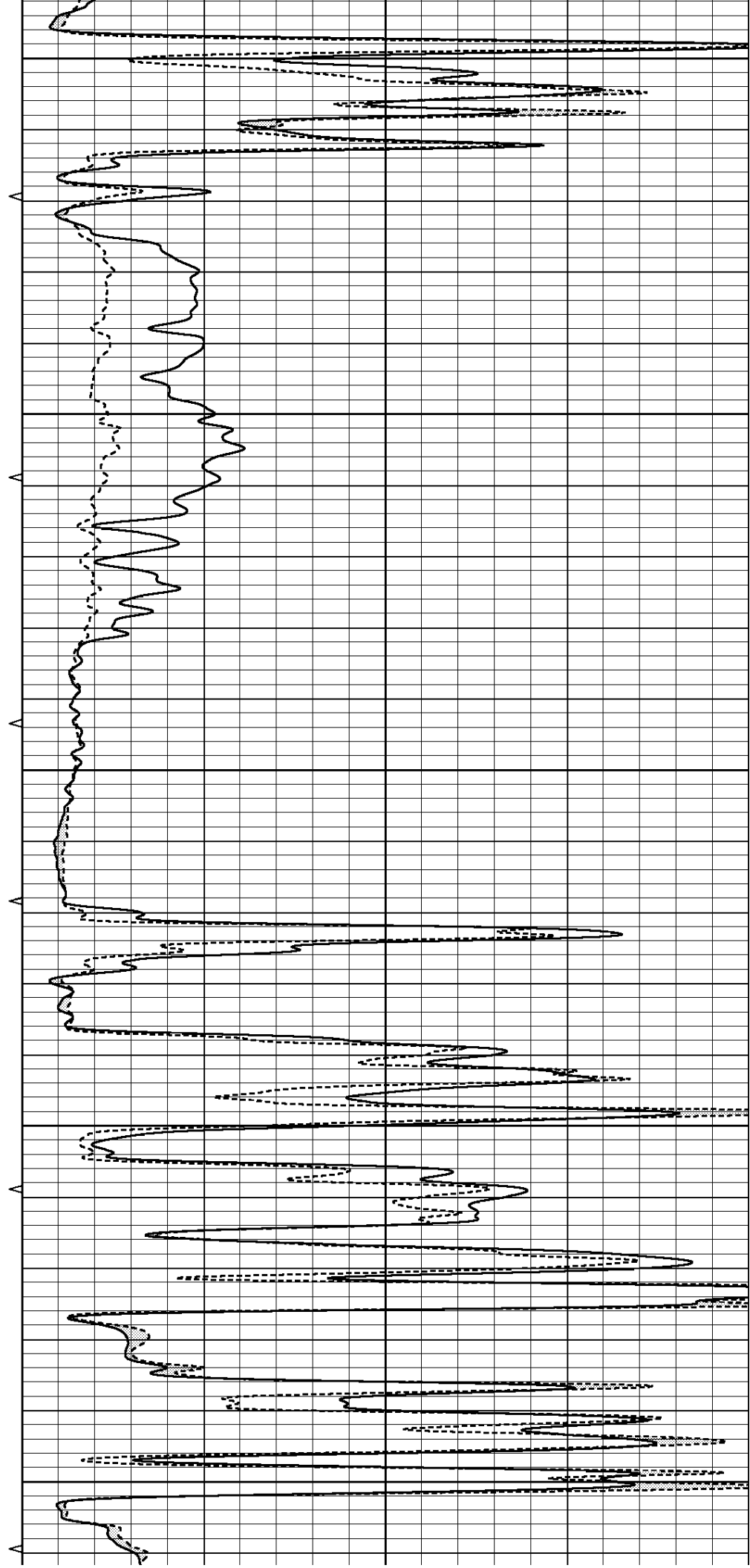
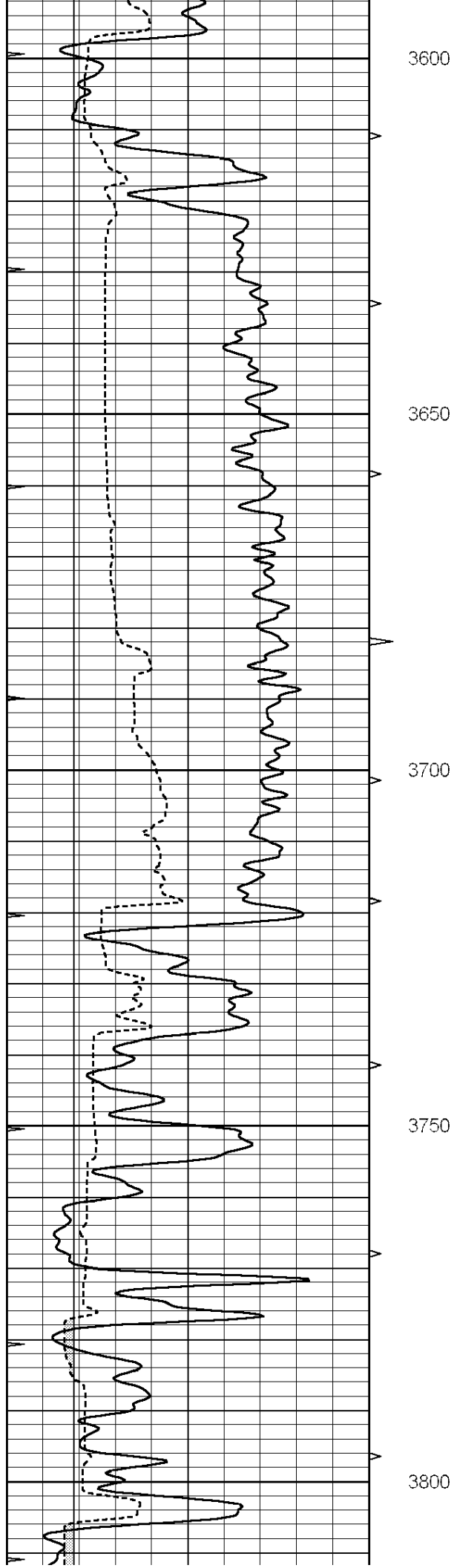
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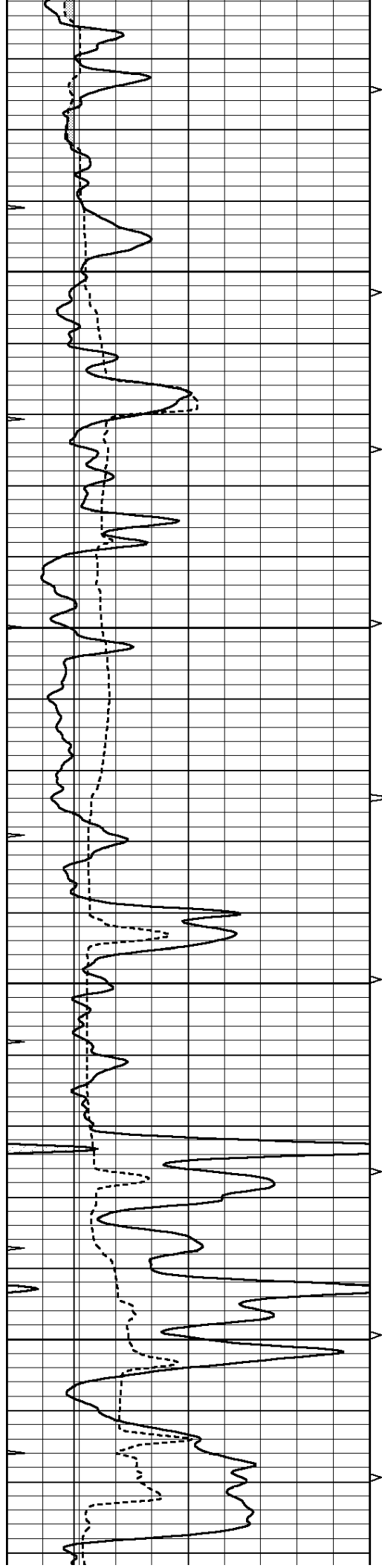
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3500

3550





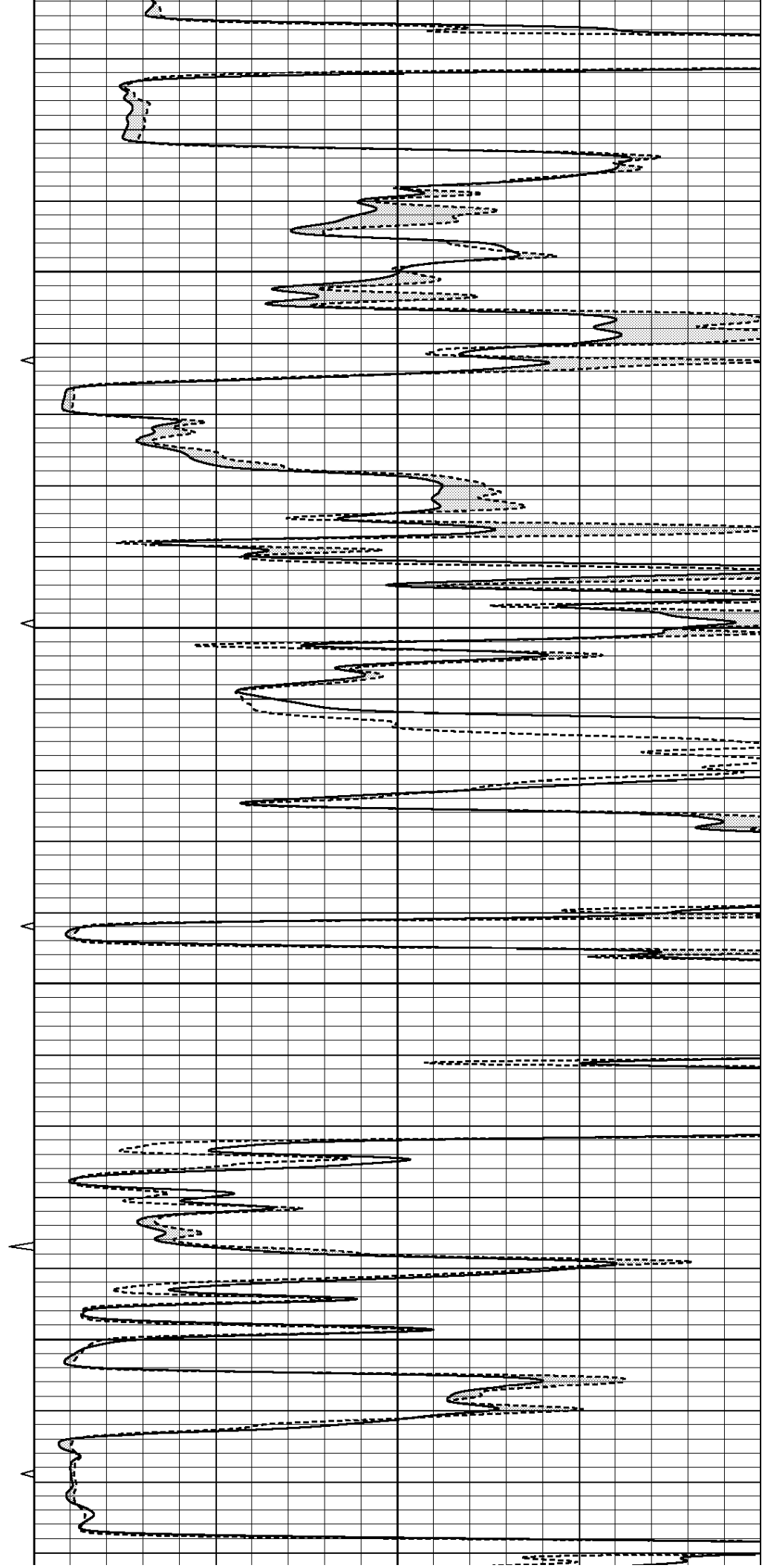


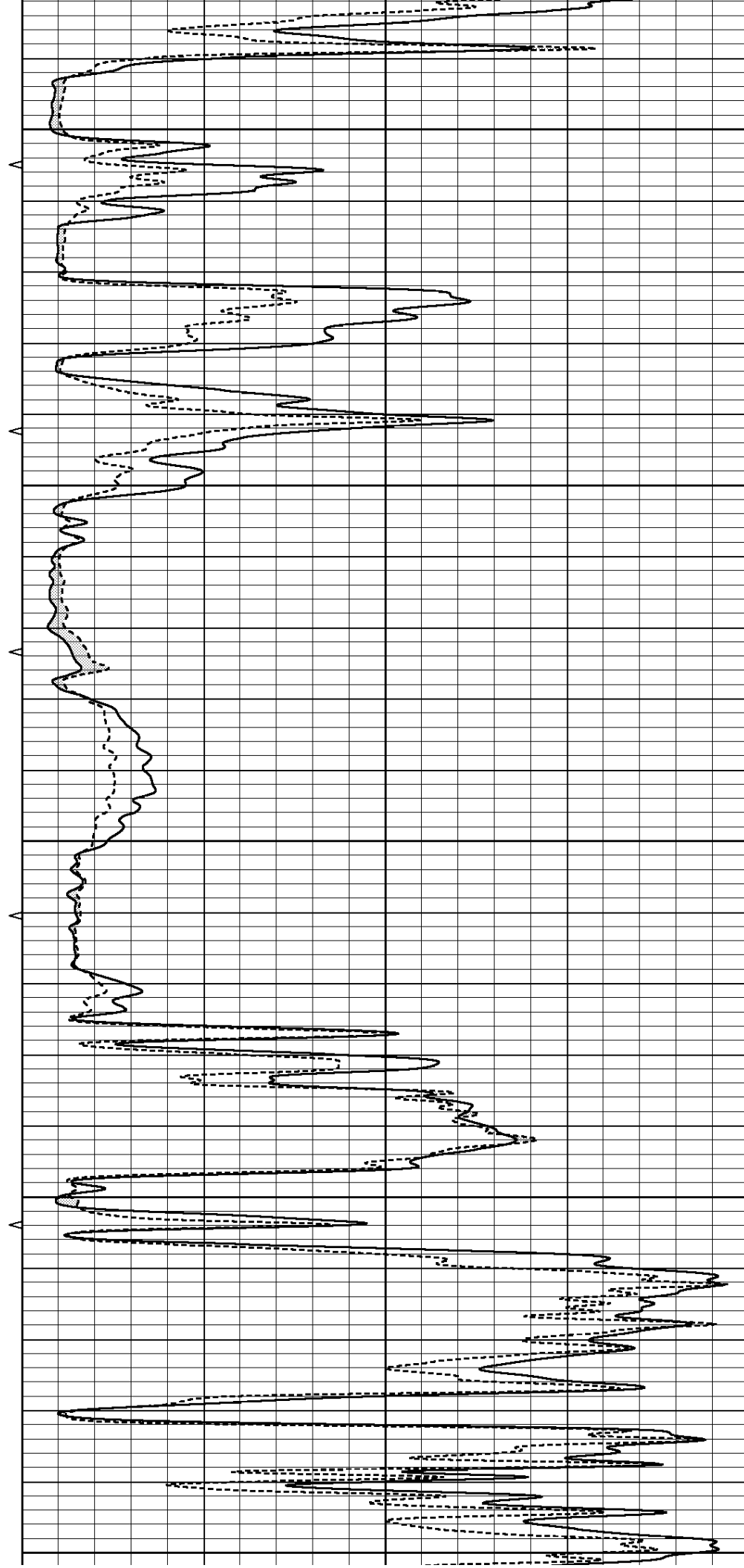
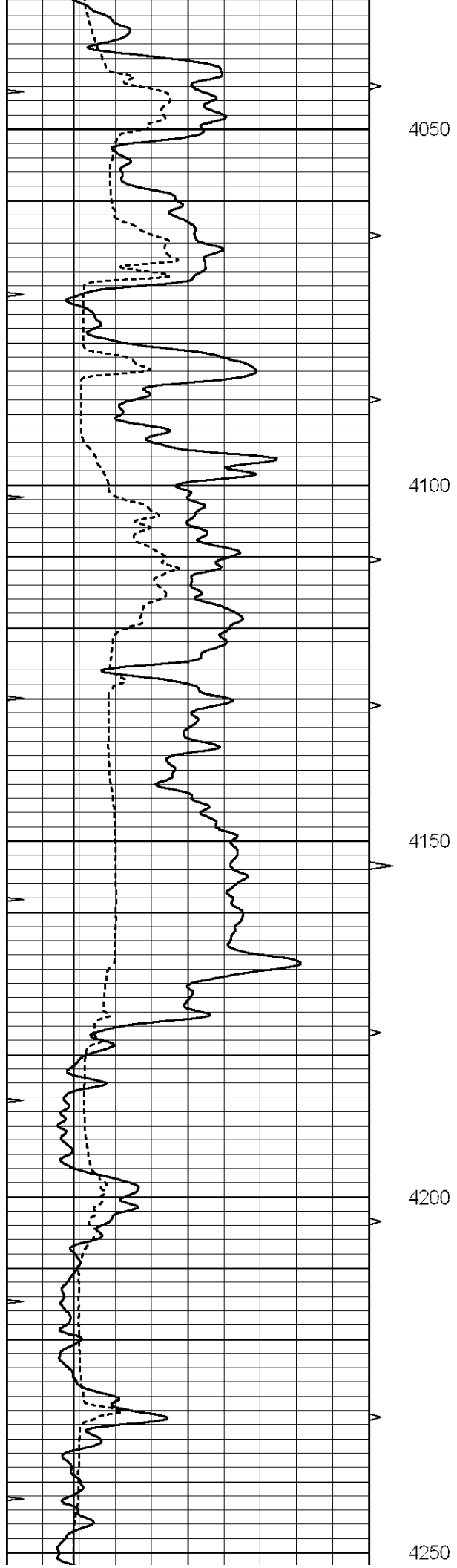
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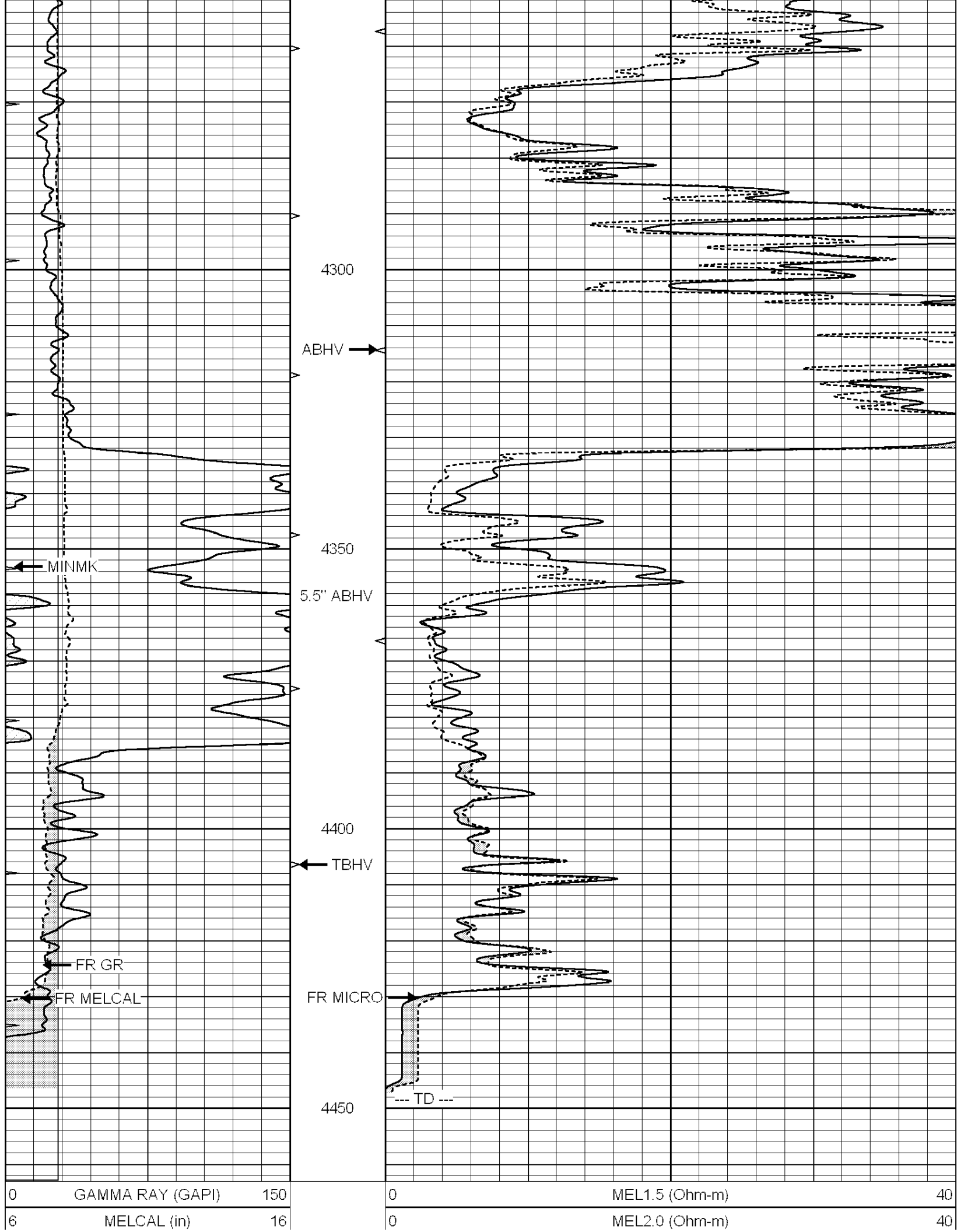
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3950

4000







0	MINMK	20



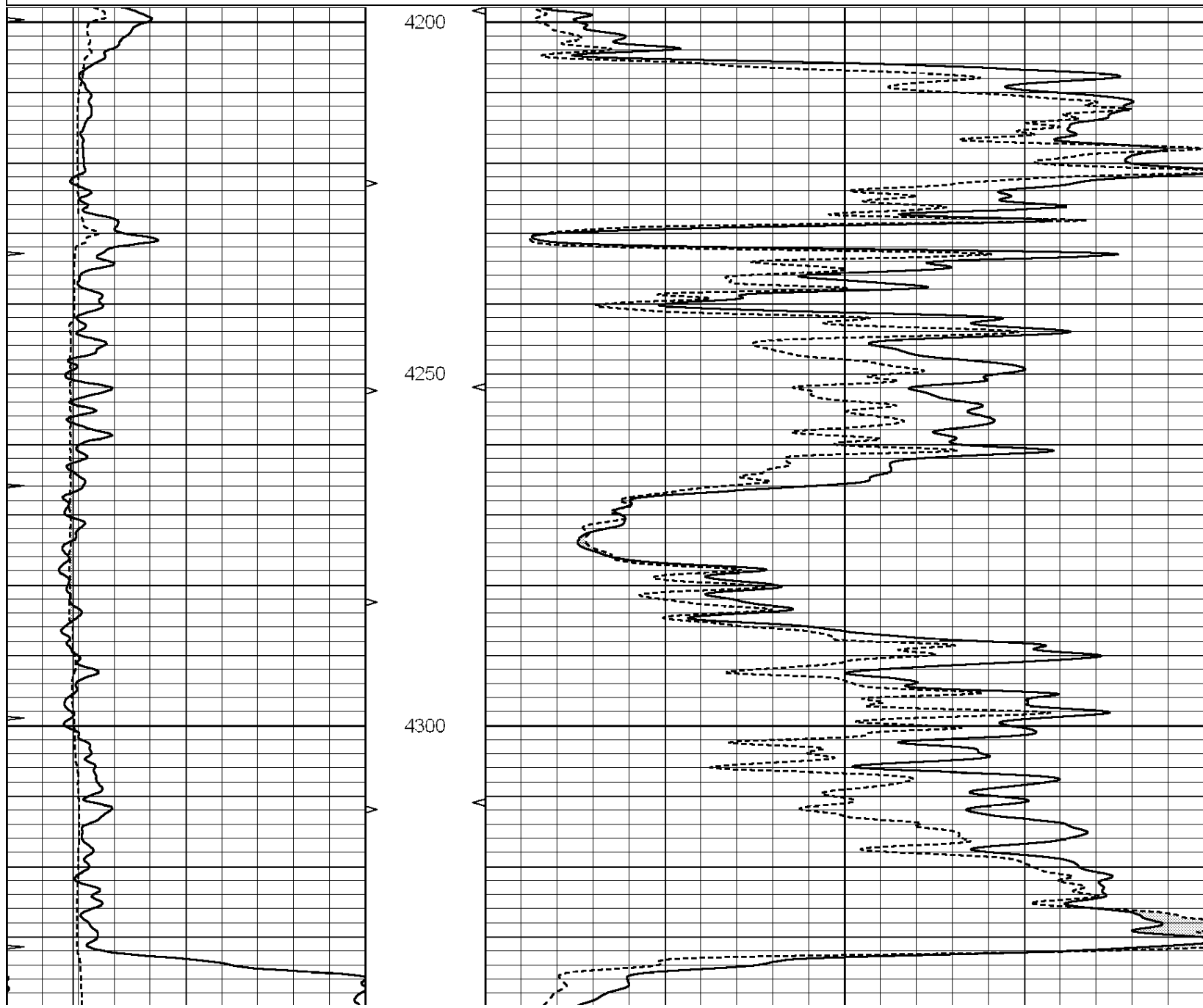
SUPERIOR

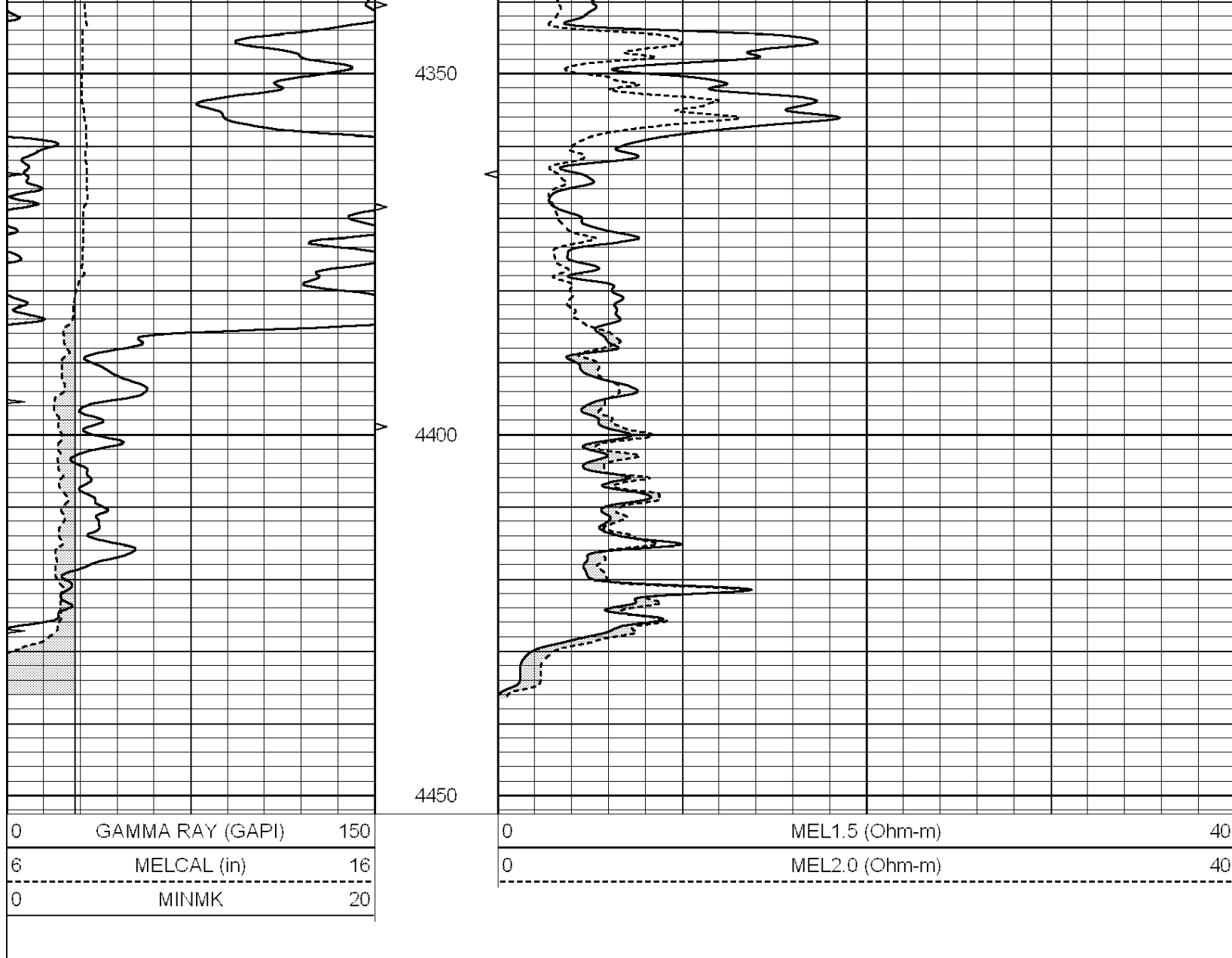
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REPEAT SECTION

Database File:	006941ddn.db
Dataset Pathname:	pass5.A
Presentation Format:	micro
Dataset Creation:	Thu Jun 23 06:30:15 2011 by Calc Open-Cased 090629
Charted by:	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0	MEL1.5 (Ohm-m)	40
6	MELCAL (in)	16	0	MEL2.0 (Ohm-m)	40
0	MINMK	20			





Calibration Report		
Database File:	006941ddn.db	
Dataset Pathname:	pass6A	
Dataset Creation:	Thu Jun 23 06:02:37 2011	
MICRO Calibration Report		
Serial Number:	Micro1	
Tool Model:	ProbeL	
Performed:	Thu Jun 23 03:54:46 2011	
Caliper Calibration:	Gain=2.806	Offset=-1.473
References	Low Cal	High Cal
Readings	7.600	13.000
	3.233	5.157
1.5" Calibration:	Gain=38.000	Offset=0.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.003	0.844
2" Calibration:	Gain=25.000	Offset=0.500

References	Low Cal	High Cal
Readings	0.000	20.000
	0.028	0.817
Gamma Ray Calibration Report		
Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Thu Jun 23 03:47:27 2011	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6200	GAPI/cps