



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	CHARTER ENERGY, INC.	Company	CHARTER ENERGY, INC.
Well	B & B #1	Well	B & B #1
Field		Field	
County	RENO	County	RENO
State	KANSAS	State	KANSAS
Location:	API # : 15-155-21627 SW - NE - SW - NE 1730 FNL 1680 FEL SEC 27 TWP 25S RGE 4W	Other Services CNL/CDL DIL	
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING 7' A.G.L. KELLY BUSHING	Elevation K.B. 1523 D.F. 1521 G.L. 1516	
Date	1/24/13		
Run Number	ONE		
Depth Driller	4157		
Depth Logger	4158		
Bottom Logged Interval	4156		
Top Log Interval	2500		
Casing Driller	177		
Casing Logger	176		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.6 / 46		
pH / Fluid Loss	11.0 / 9.2		
Source of Sample	FLOWLINE	CHLORIDES 5,500	
Rim @ Meas. Temp	.90 @ 60F		
Rmf @ Meas. Temp	.68 @ 60F		
Rmc @ Meas. Temp	1.08 @ 60F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.46 @ 117F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	117F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	KURT TALBOTT		

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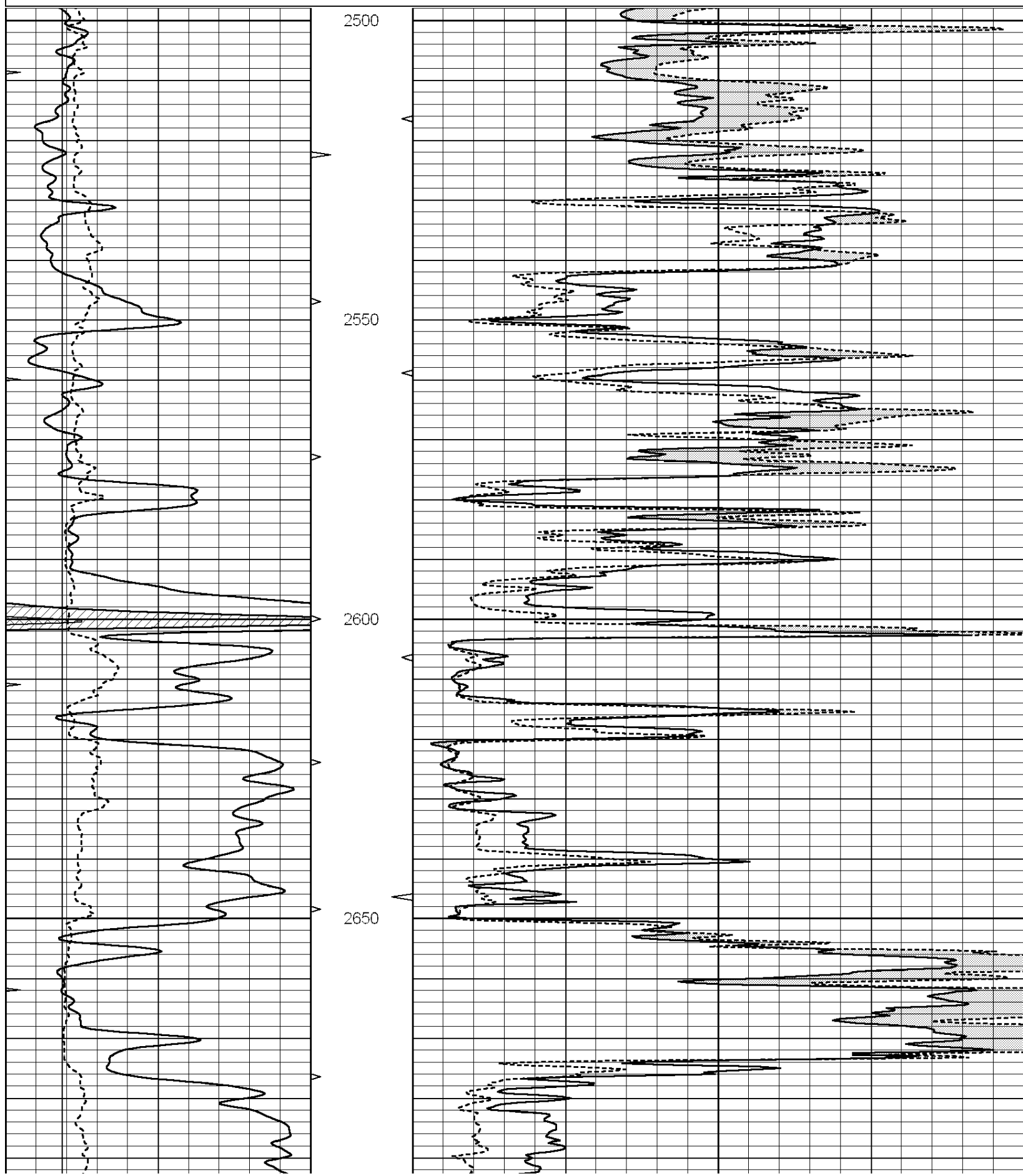
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

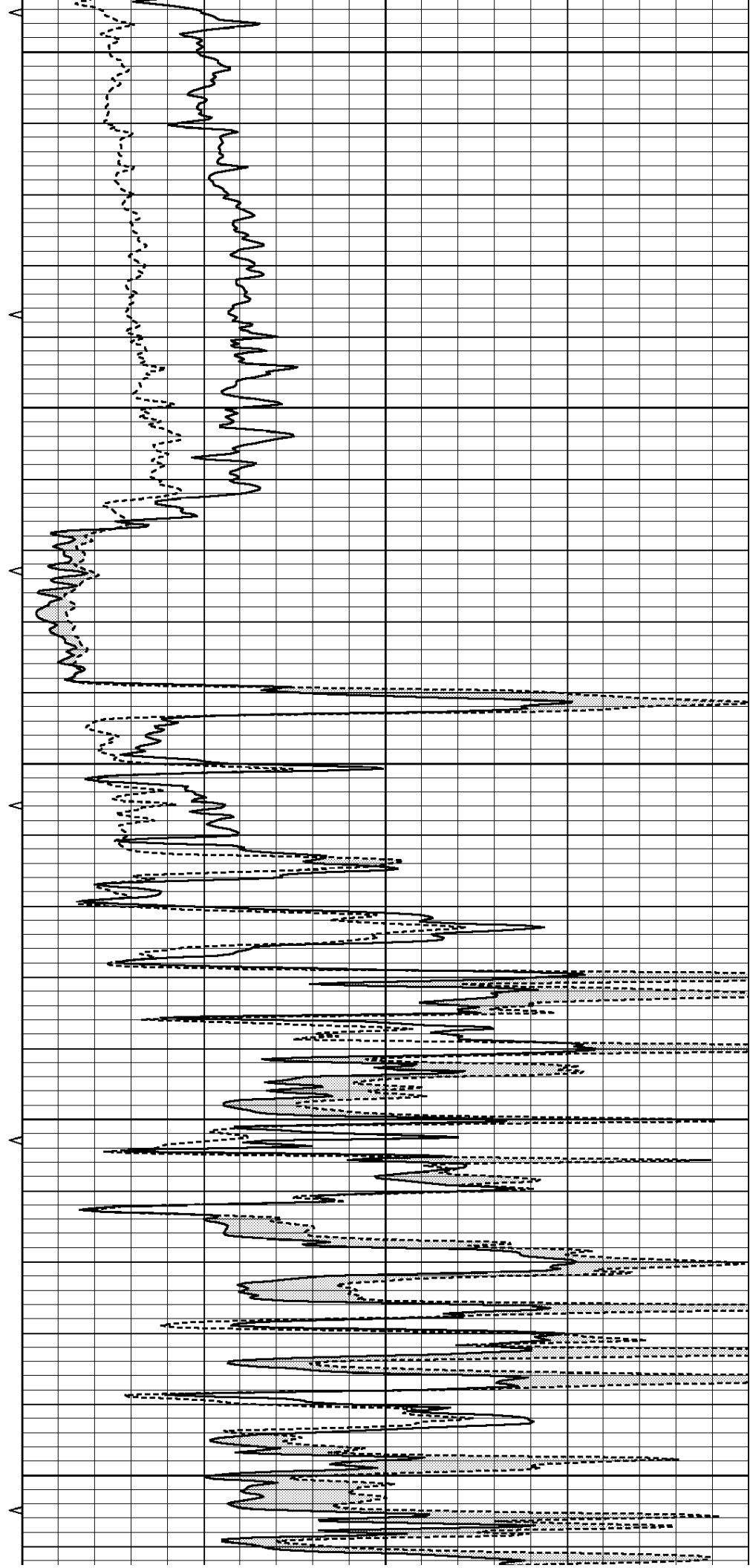
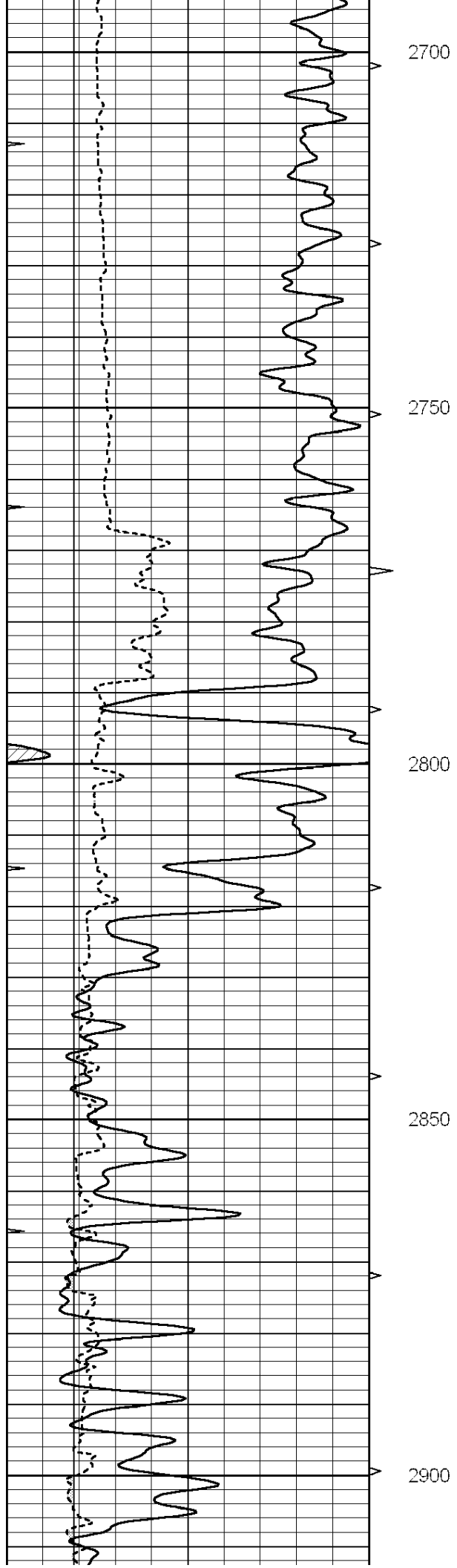
Comments

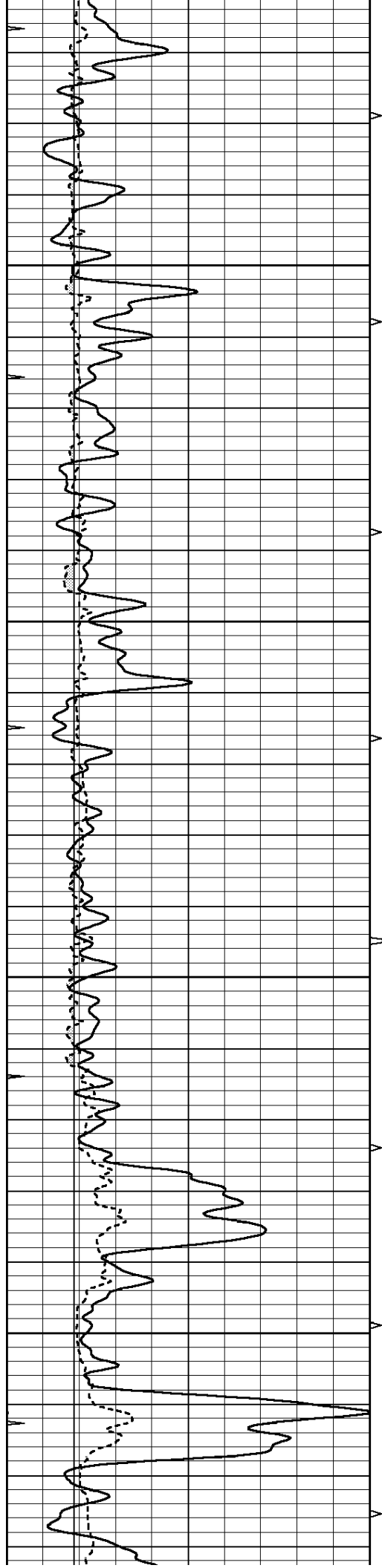
NABORS COMPLETION & PRODUCTION CO.
785-628-6395
THANK YOU FOR YOUR BUSINESS
HAVEN, KS. & HWY 96, 2 MILES SOUTH EAST TO RAYL RD, 2 MILES SOUTH TO PLEASANT VALLEY RD.,
1/2 WEST SOUTH INTO

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

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





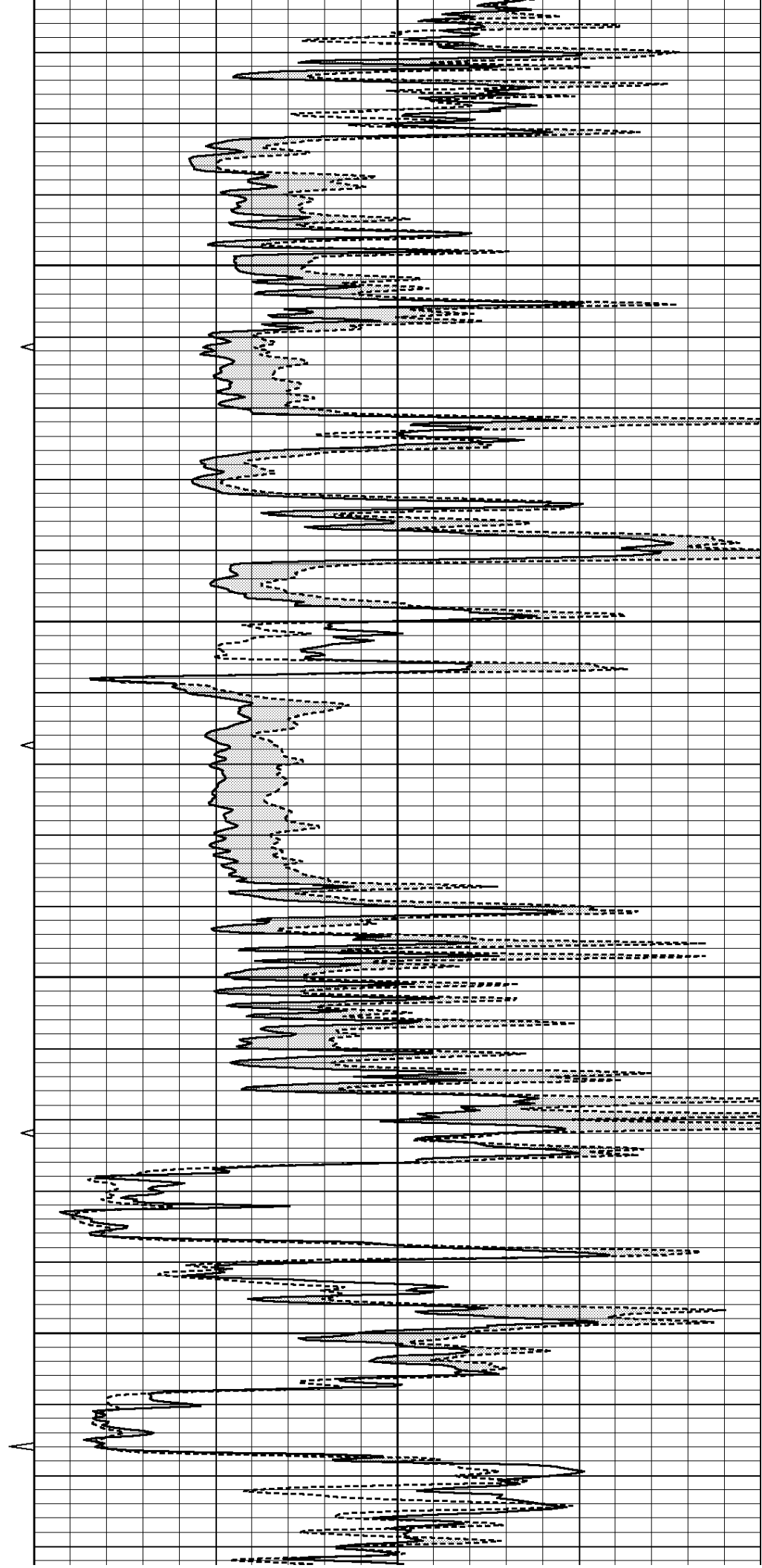


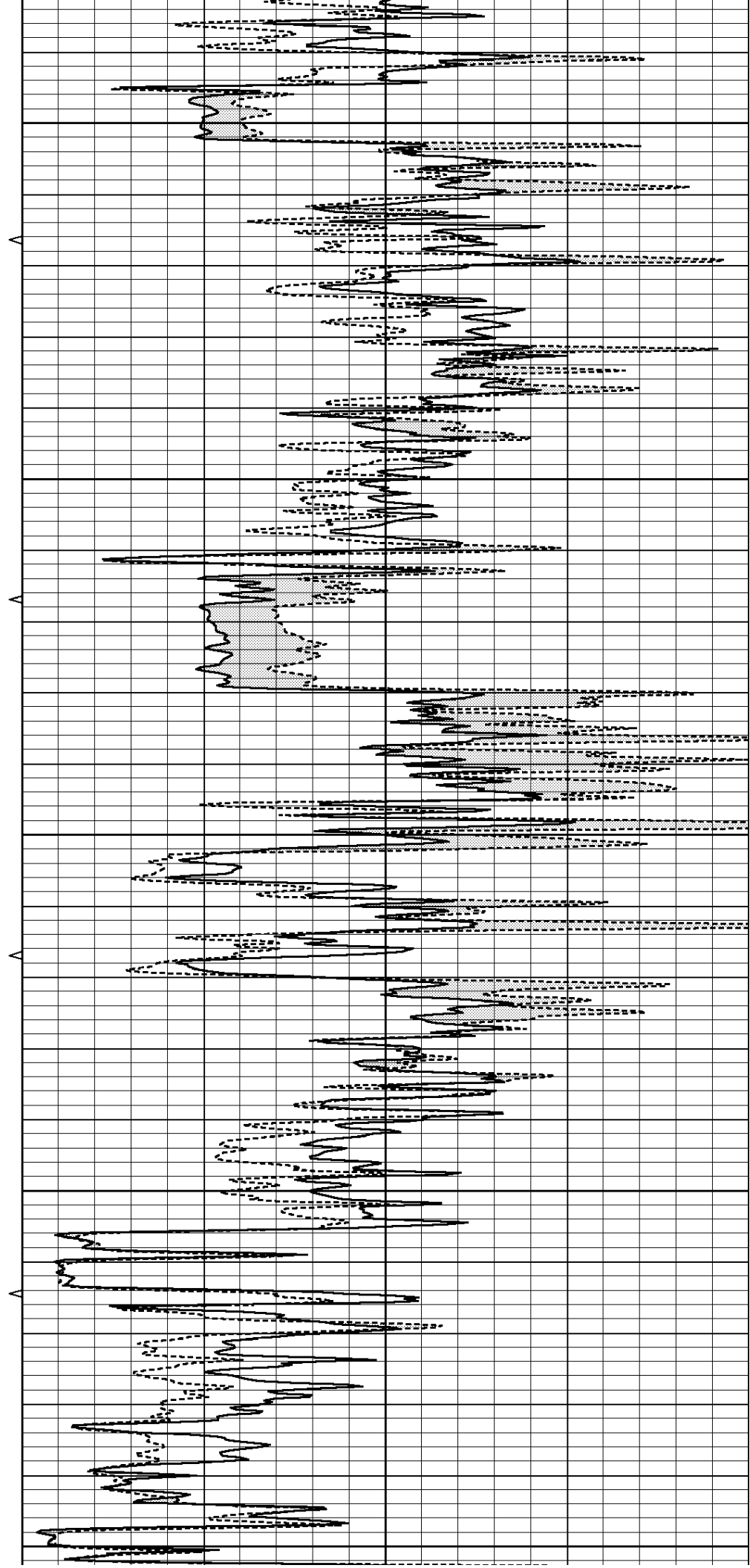
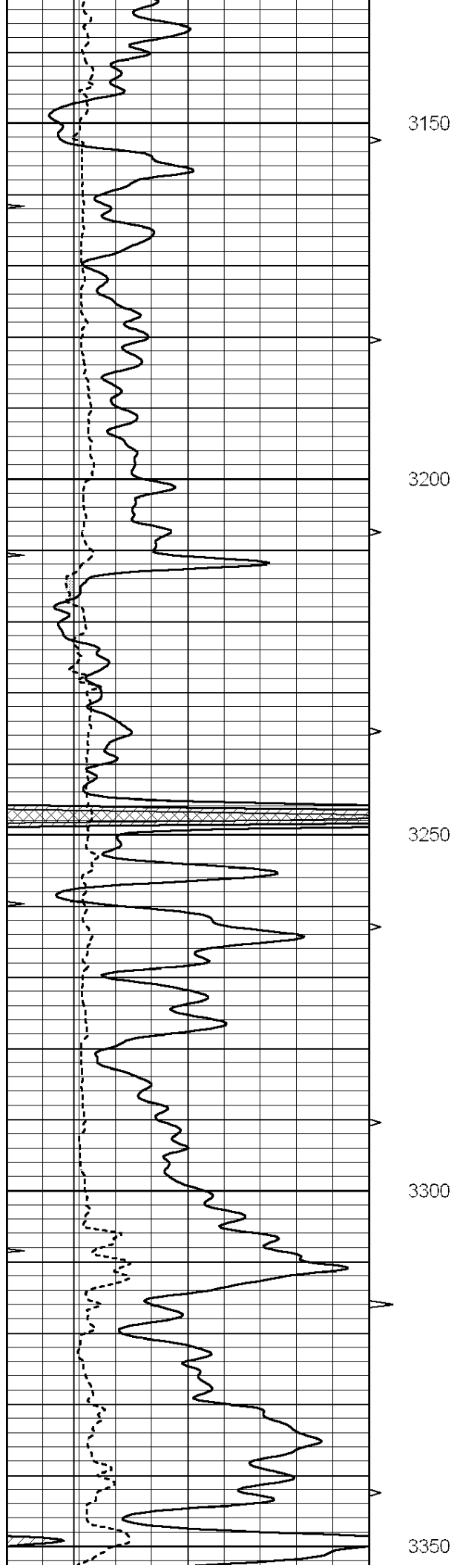
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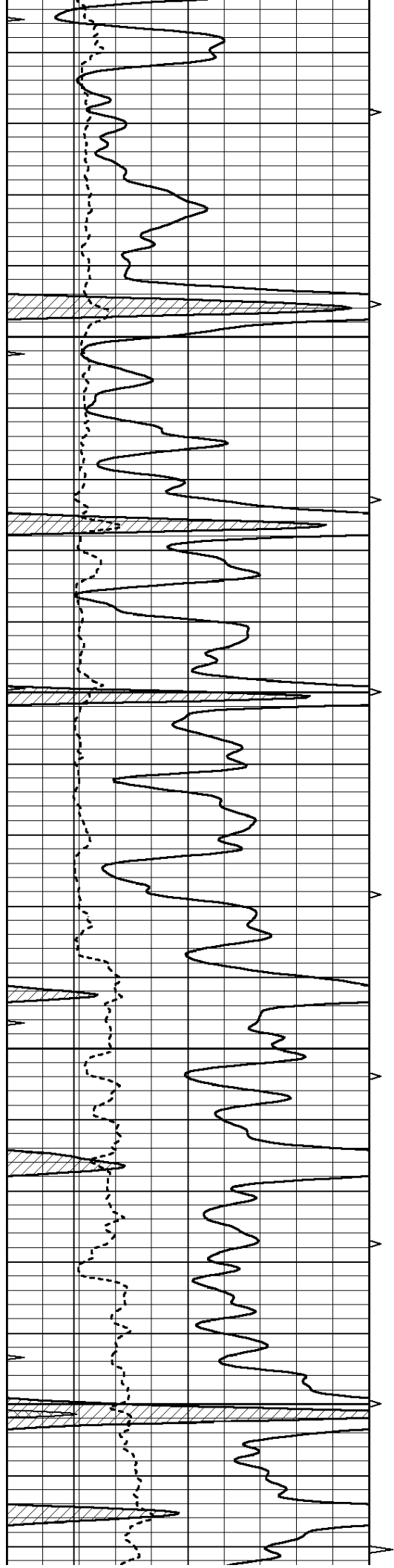
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3050

3100





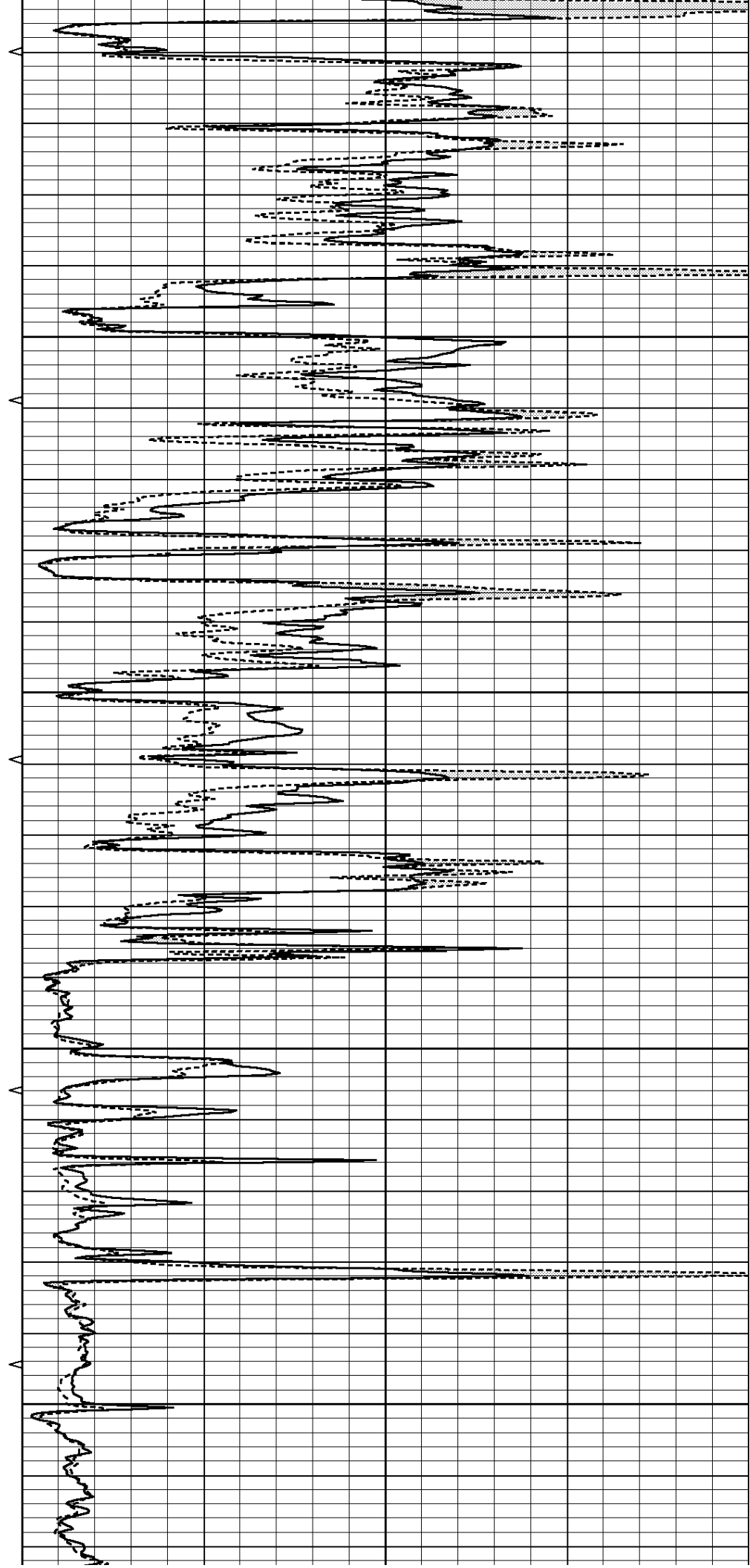


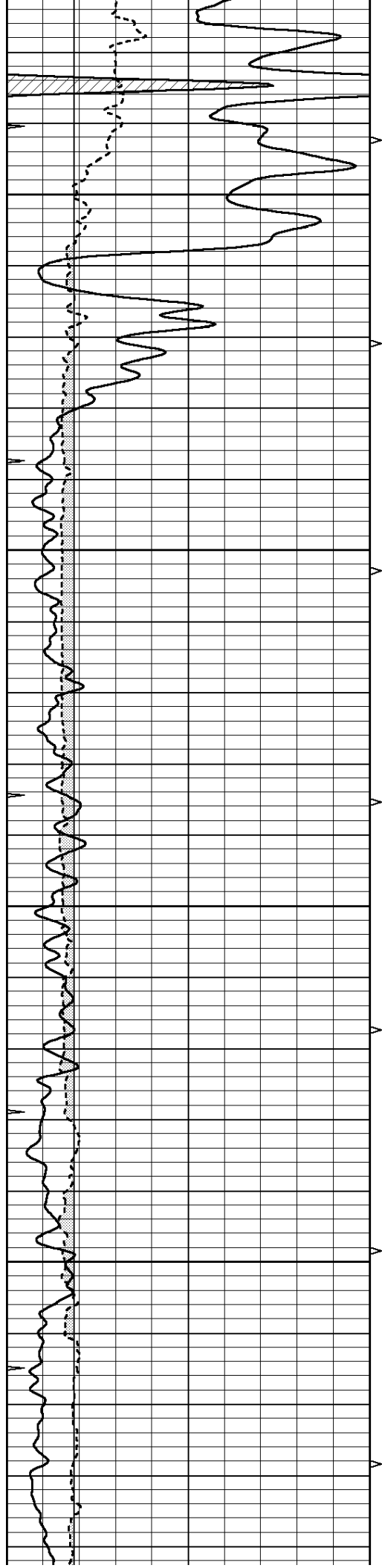
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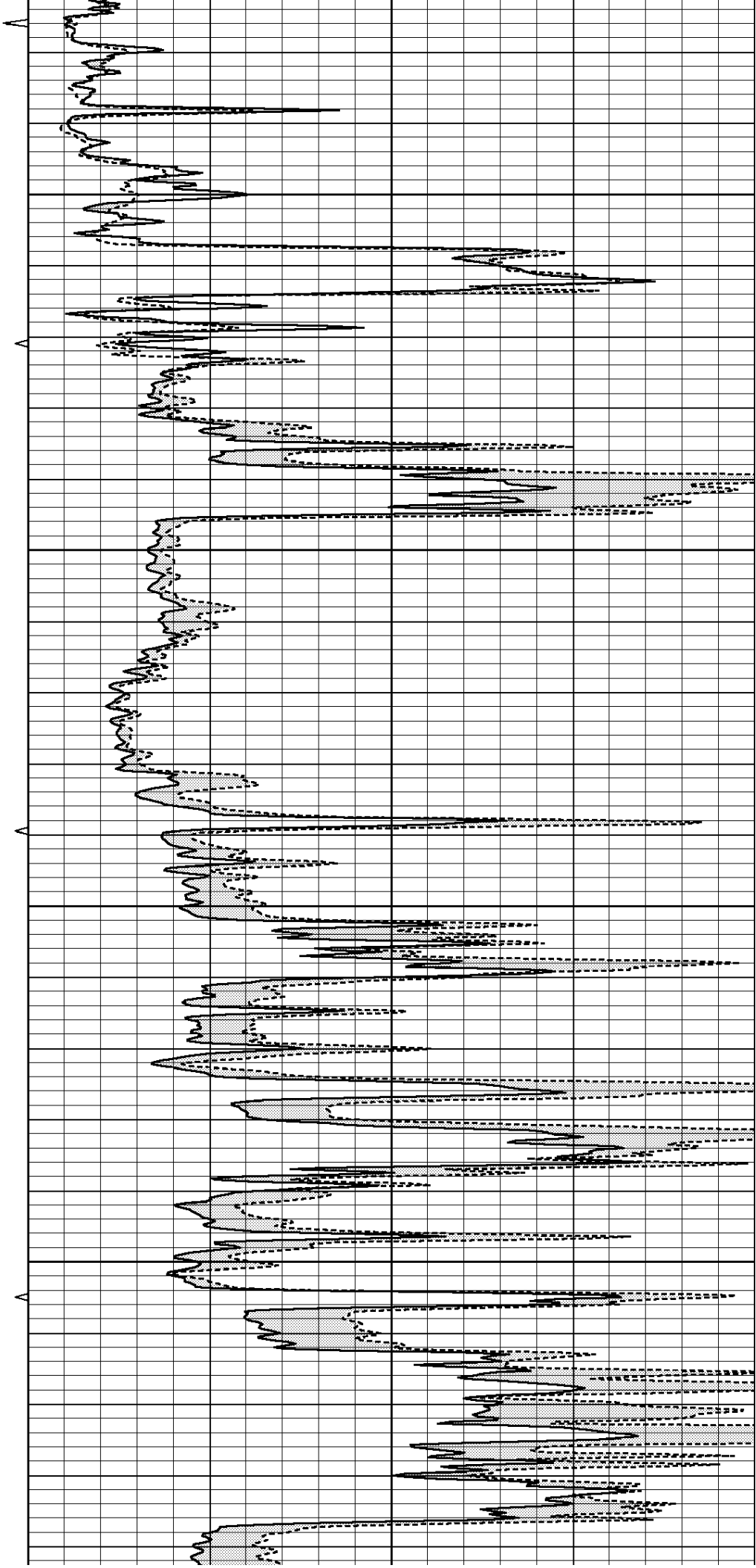


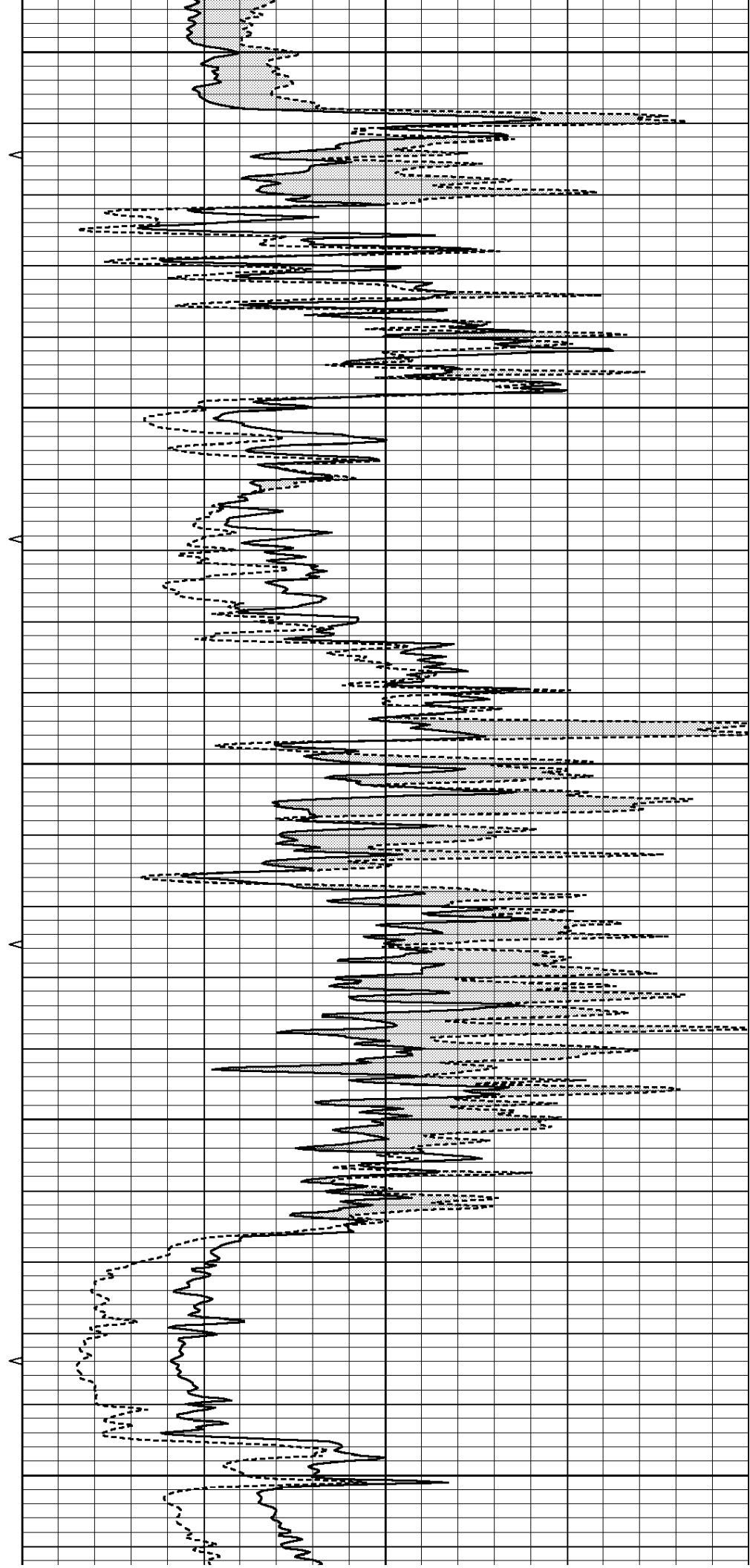
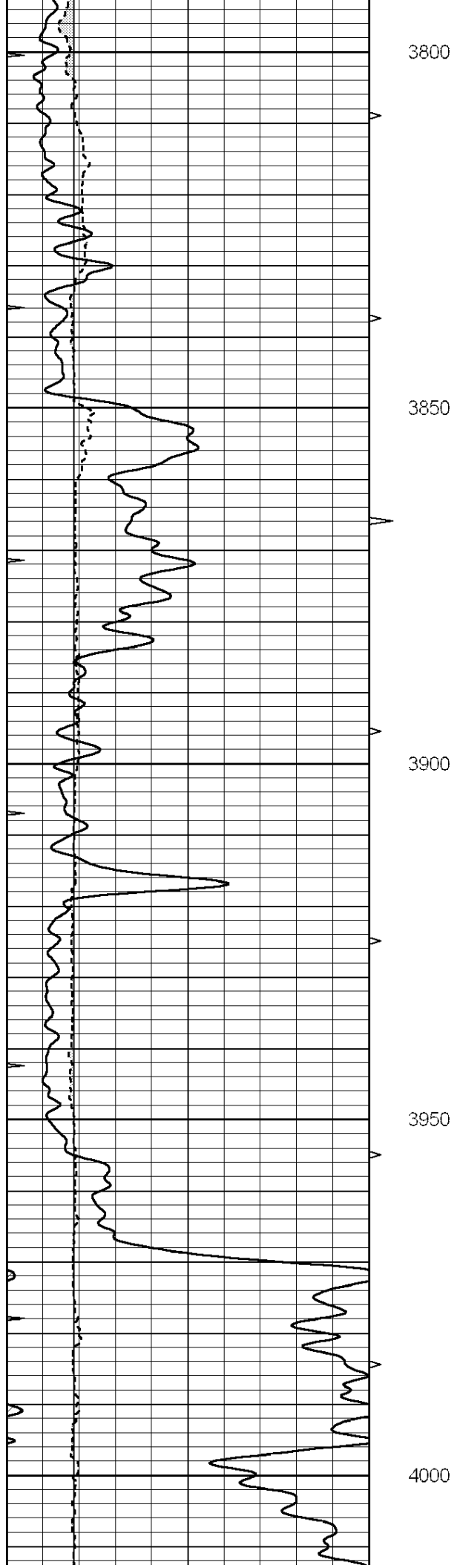
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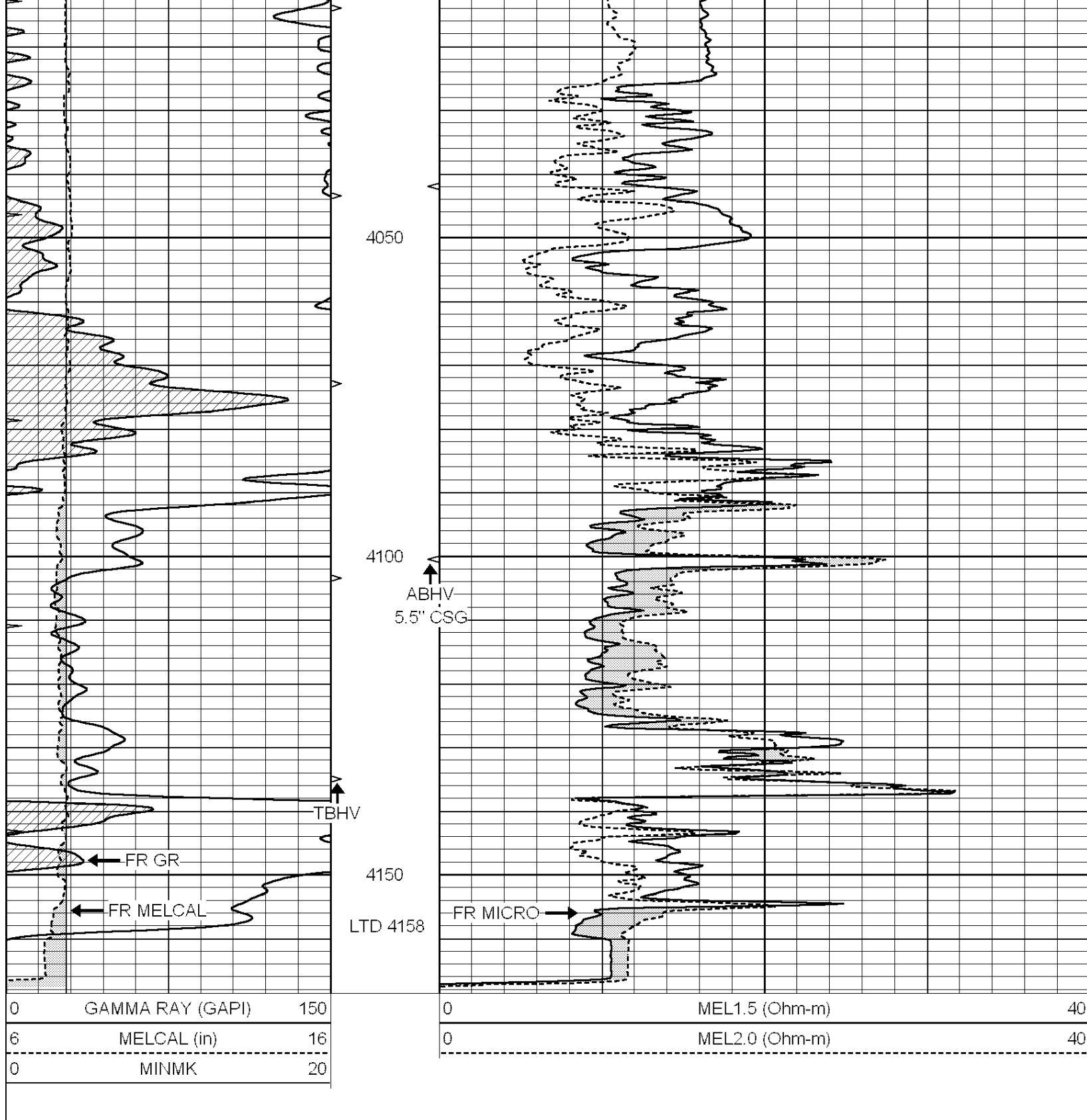
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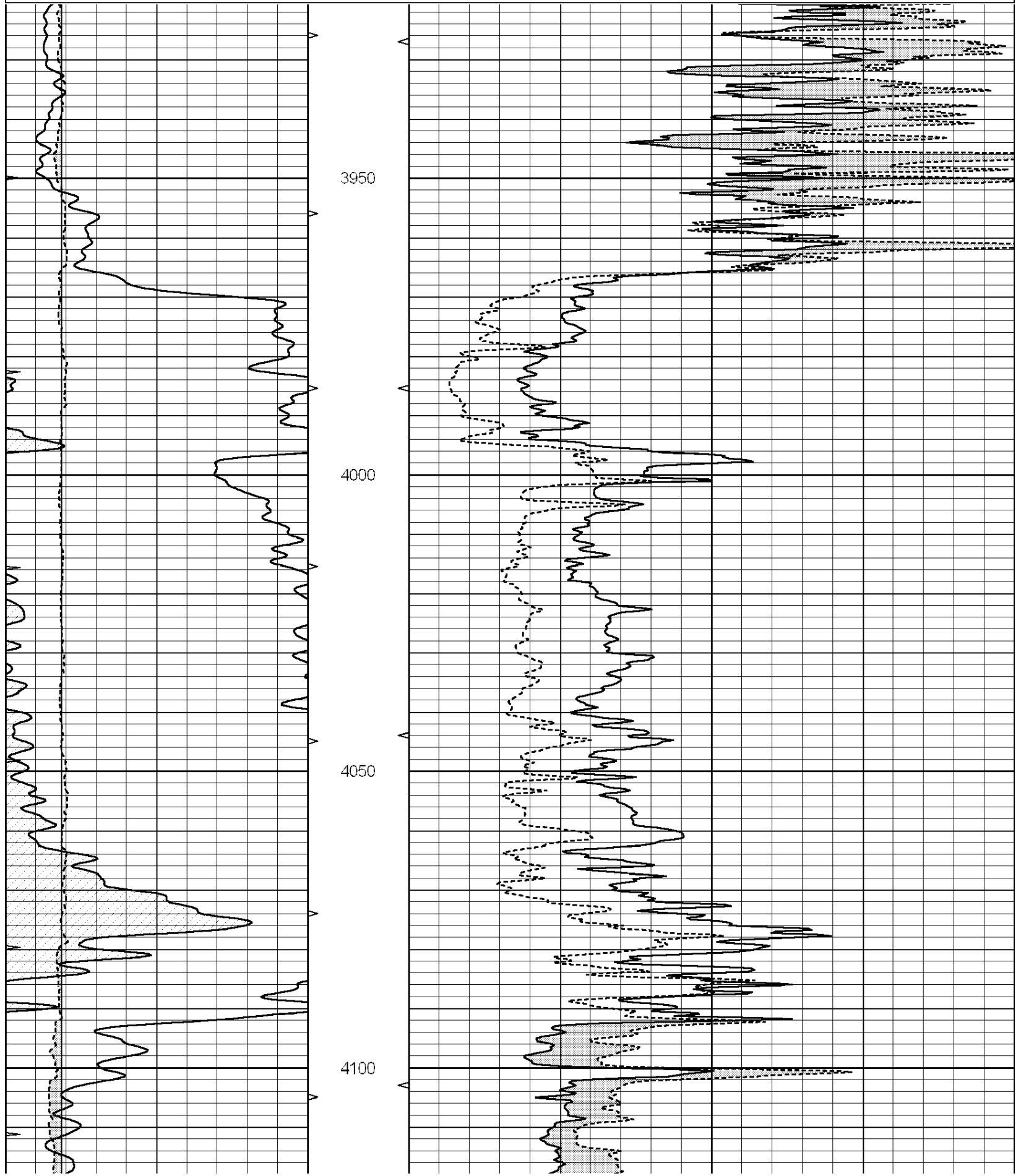


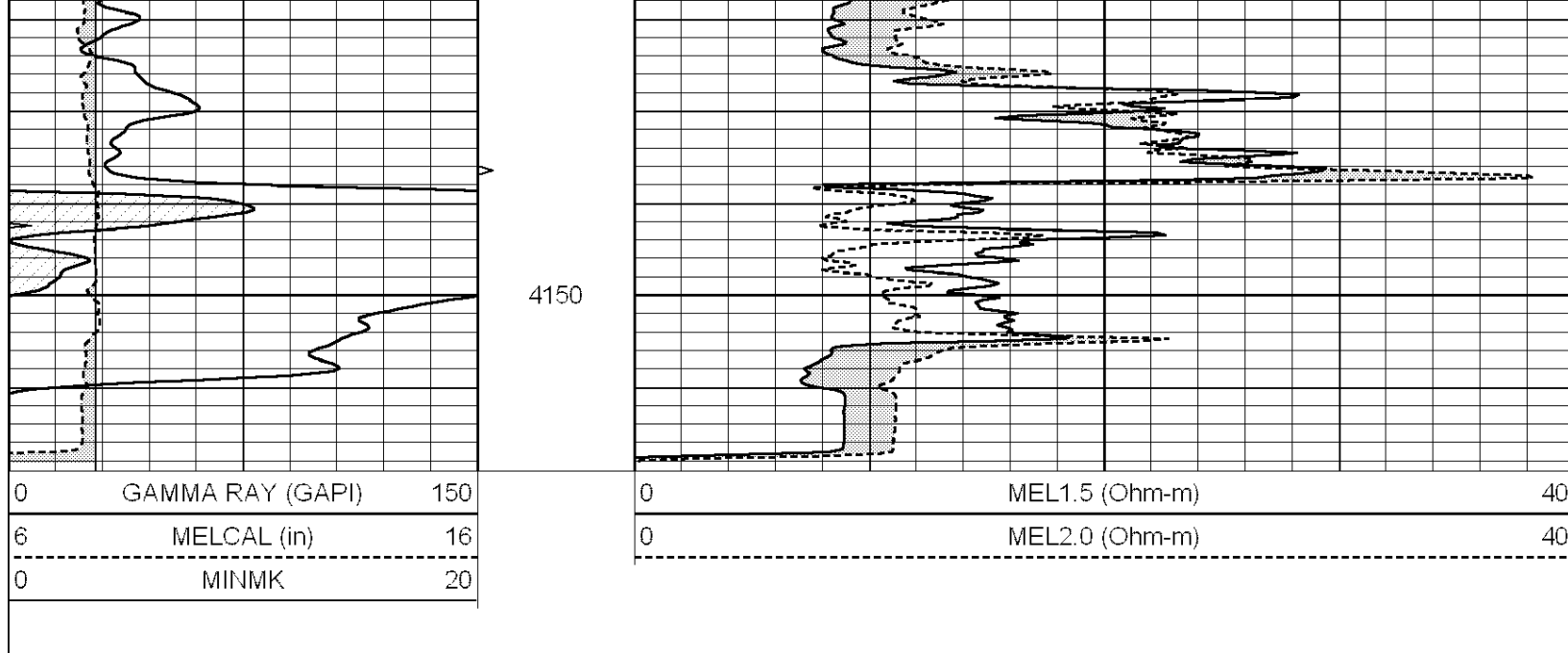
REPEAT SECTION

Database File: 010658ddn.db
Dataset Pathname: pass5.3
Presentation Format: micro
Dataset Creation: Thu Jan 24 15:00:53 2013 by Calc Open-Cased 090629
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





Calibration Report

Database File: 010658ddn.db
 Dataset Pathname: pass6.1
 Dataset Creation: Thu Jan 24 15:19:57 2013 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number:	MICRO4	
Tool Model:	PROBE	
Performed:	Sat Jan 19 22:45:35 2013	
Caliper Calibration:	Gain=1.760	Offset=-2.200
References	Low Cal	High Cal
Readings	8.600	11.500
	5.985	7.633
1.5" Calibration:	Gain=45.000	Offset=-2.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.009	1.541
2" Calibration:	Gain=44.000	Offset=-1.000
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:	Thu Jan 24 12:43:45 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.6000	GAPI/cps