



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company CASTELLI EXPLORATION, INC.
Well GREGG #2-13
Field SHIMER
County COMANCHE State KANSAS

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Location: API #: 15-033-21692-0000
1980 FSL & 660 FEL
NE - SE
SEC 13 TWP 33S RGE 17W
Permanent Datum GROUND LEVEL Elevation 1862
Log Measured From KELLY BUSHING 18' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
DIL
Elevation
K.B. 1880
D.F. 1880
G.L. 1862

Date	01/25/2013
Run Number	TWO
Depth Driller	5250
Depth Logger	5262
Bottom Logged Interval	5260
Top Log Interval	3800
Casing Driller	316
Casing Logger	316
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.3 / 46
pH / Fluid Loss	10.0 / 9.0
Source of Sample	FLOWLINE
Rim @ Meas. Temp	0.95 @ 72F
Rmf @ Meas. Temp	0.71 @ 72F
Rmc @ Meas. Temp	1.14 @ 72F
Source of Rmf / Rmc	MEASURED
Rim @ BHT	0.85 @ 127F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	
Maximum Recorded Temperature	127
Equipment Number	860
Location	HAYS, KS.
Recorded By	JEFF GRONEWEG
Witnessed By	RICK POPP

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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

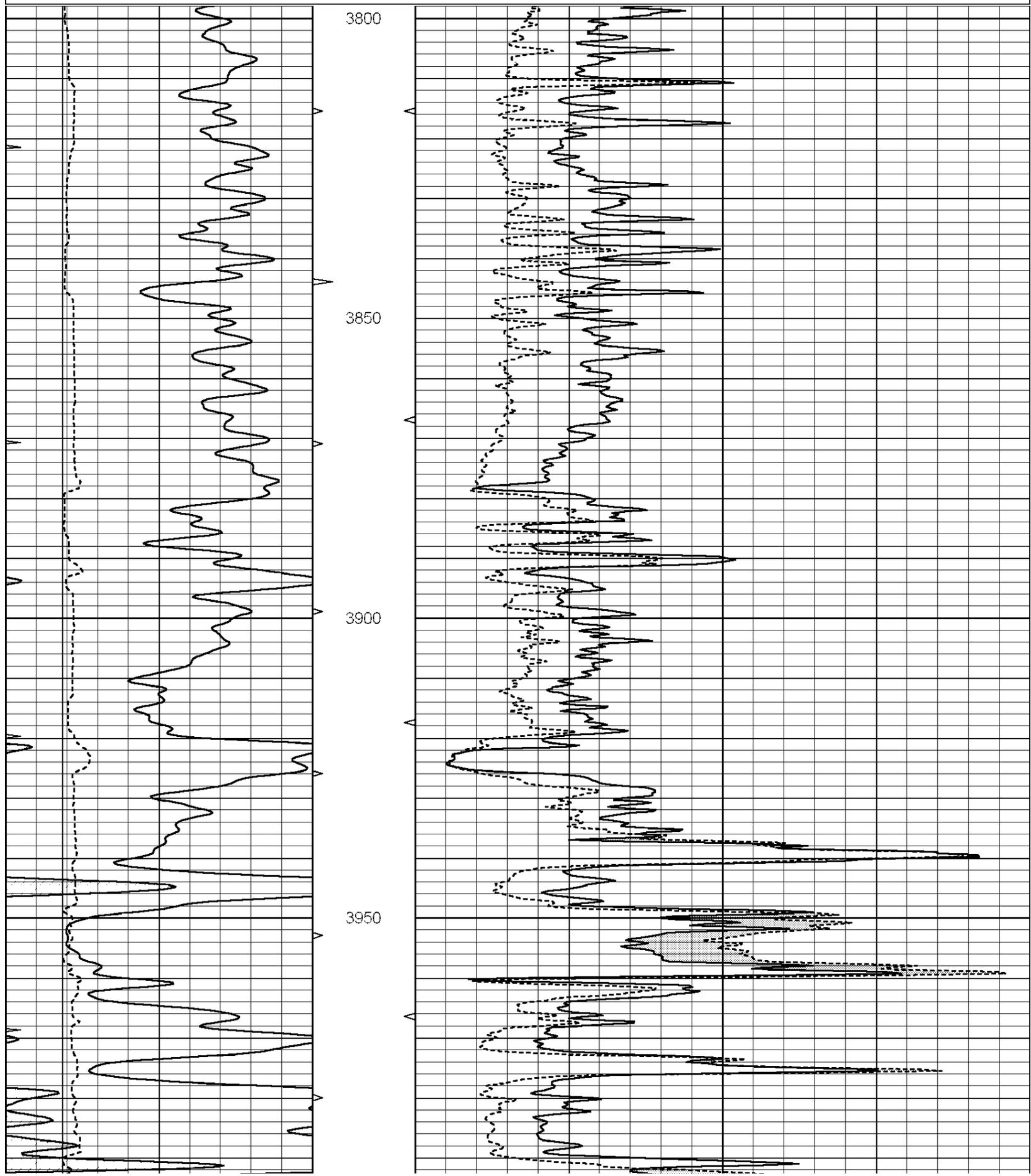
**NABORS COMPLETION & PRODUCTION CO.
785-628-6395**

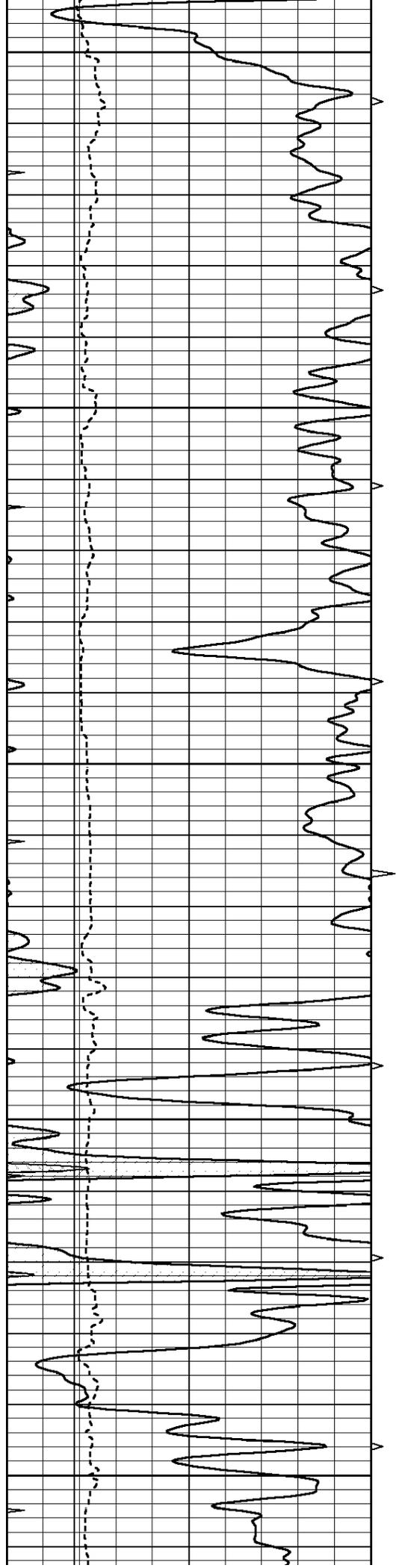
THANK YOU FOR YOUR BUSINESS

DIRECTIONS: COLDWATER, KS - 9 MILES EAST ON HWY 160 TO RD 22 - 4 MILES SOUTH TO STOP SIGN - 2 MILES EAST TO CURVE - 3 MILES SOUTH TO WHITE SHED - GO WEST AND SOUTH INTO @ CURVE WEST OF WHITE SHED

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

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





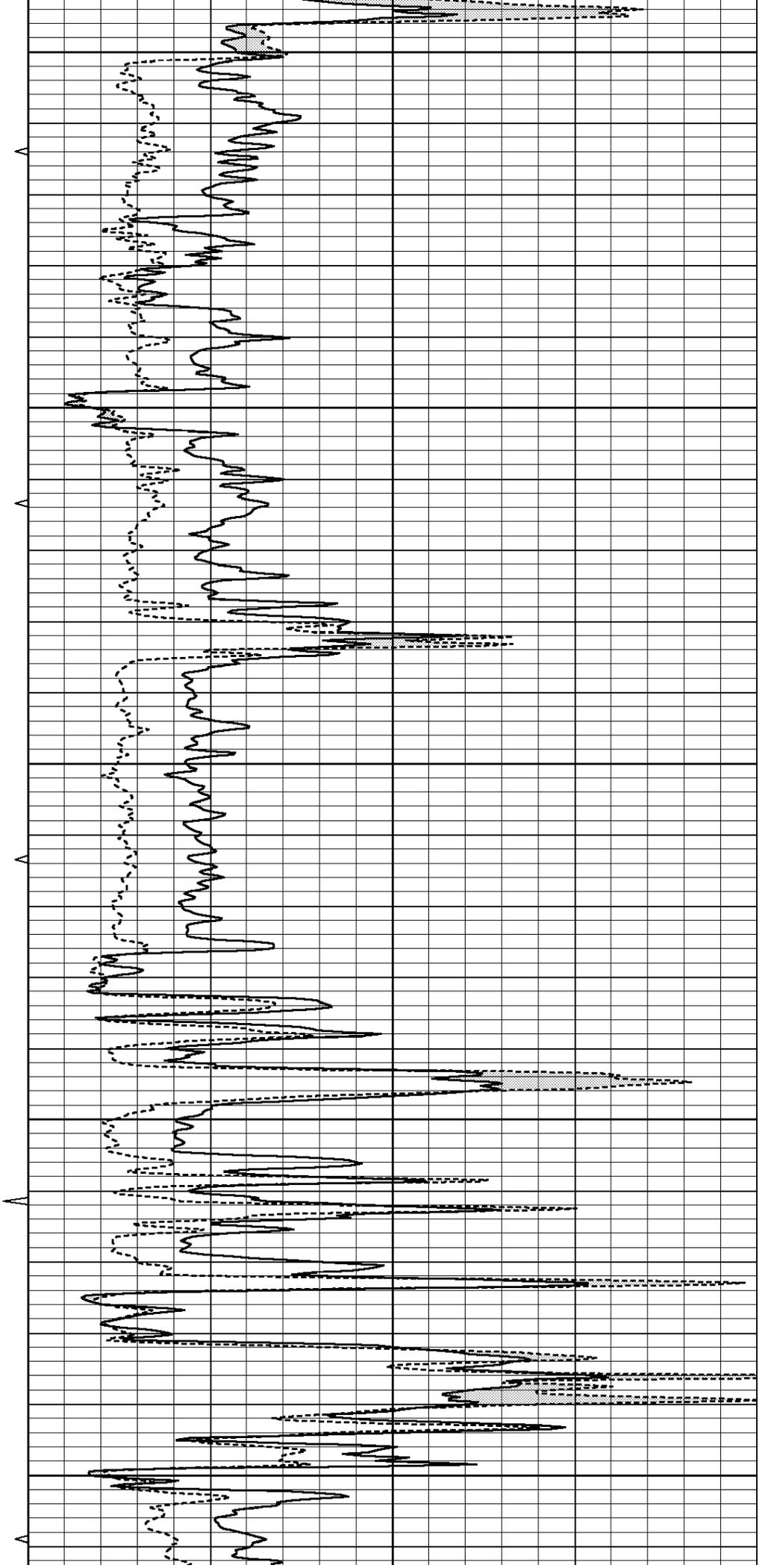
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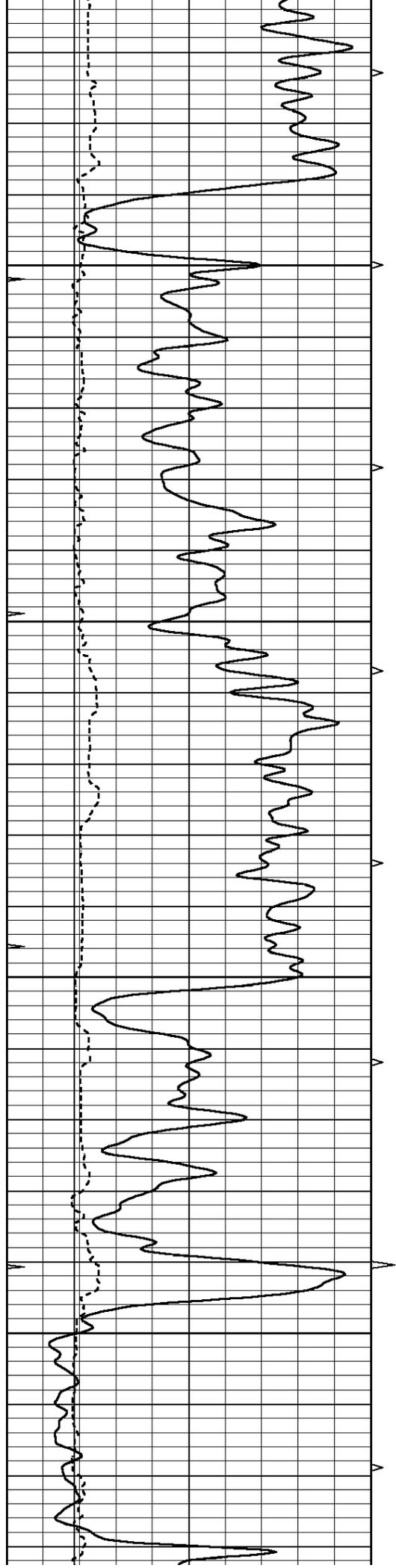
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4100

4150

4200



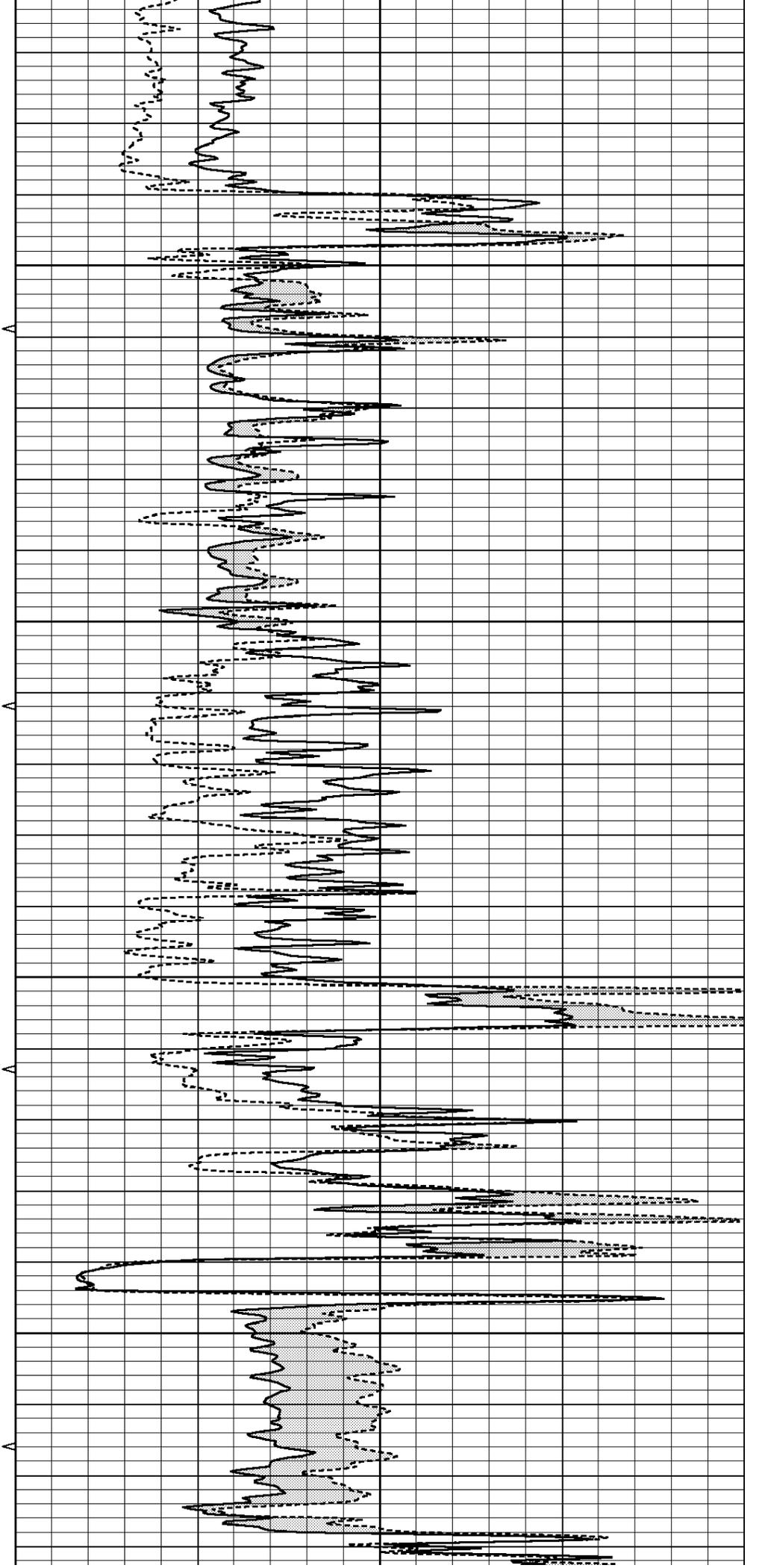


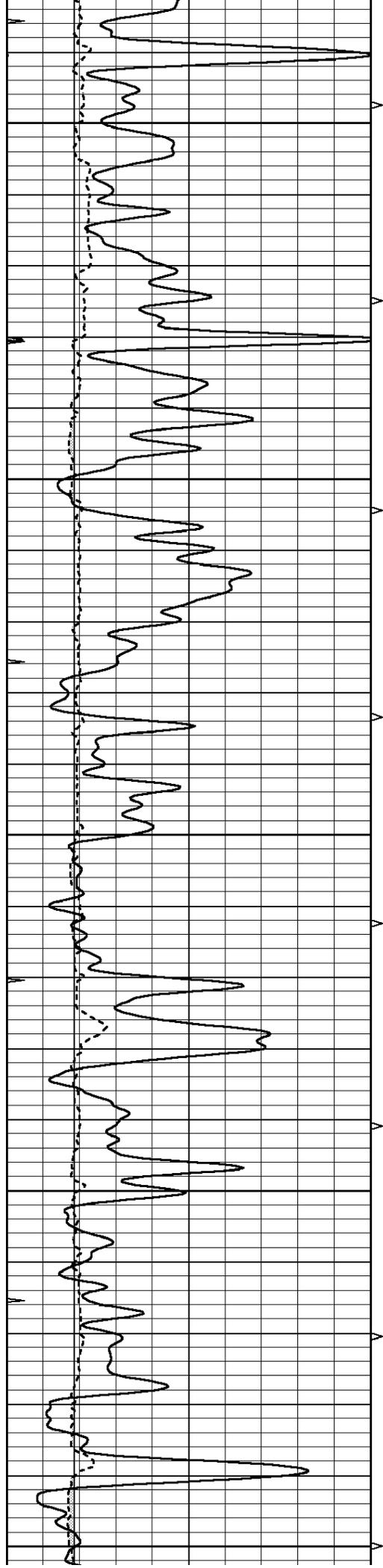
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4300

4350

4400





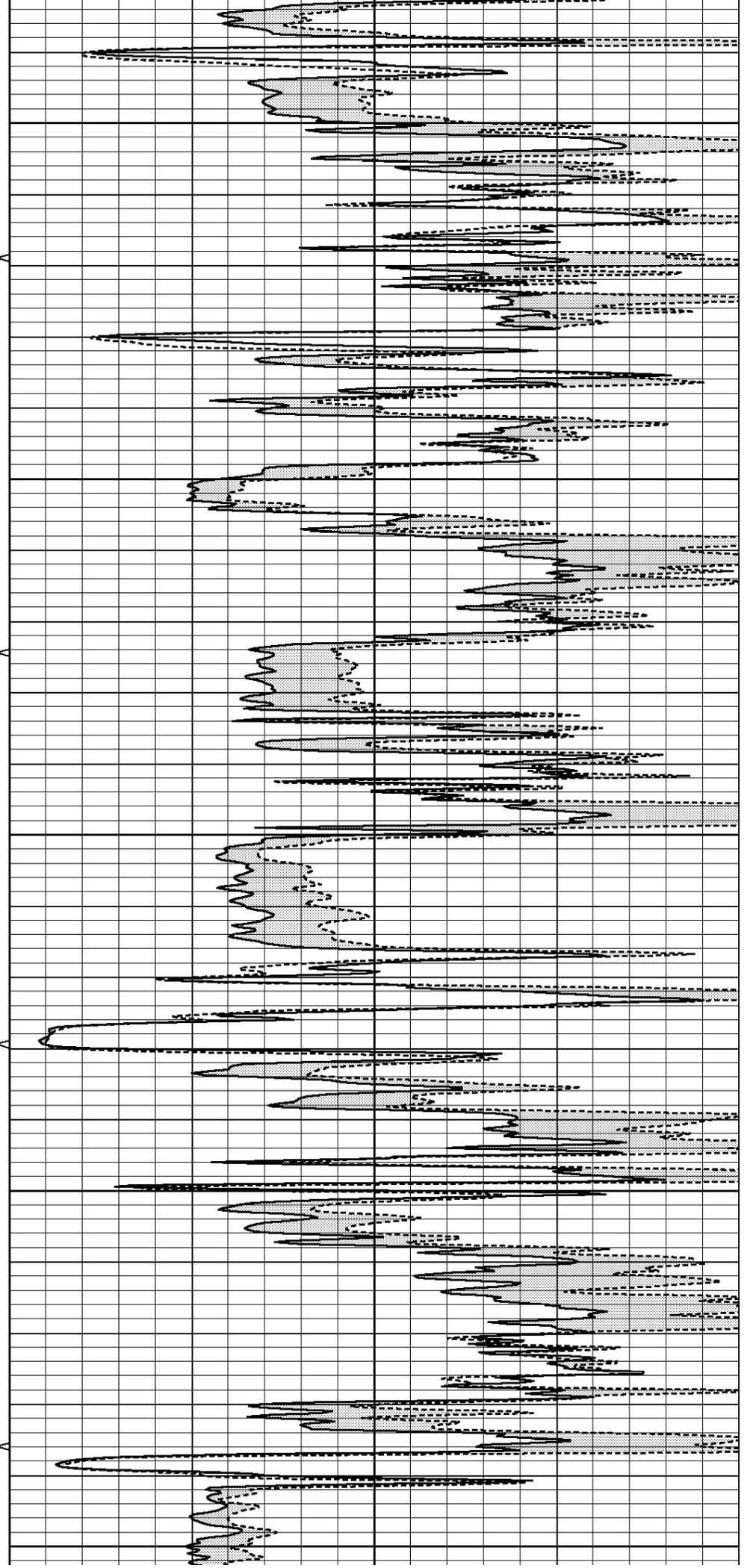
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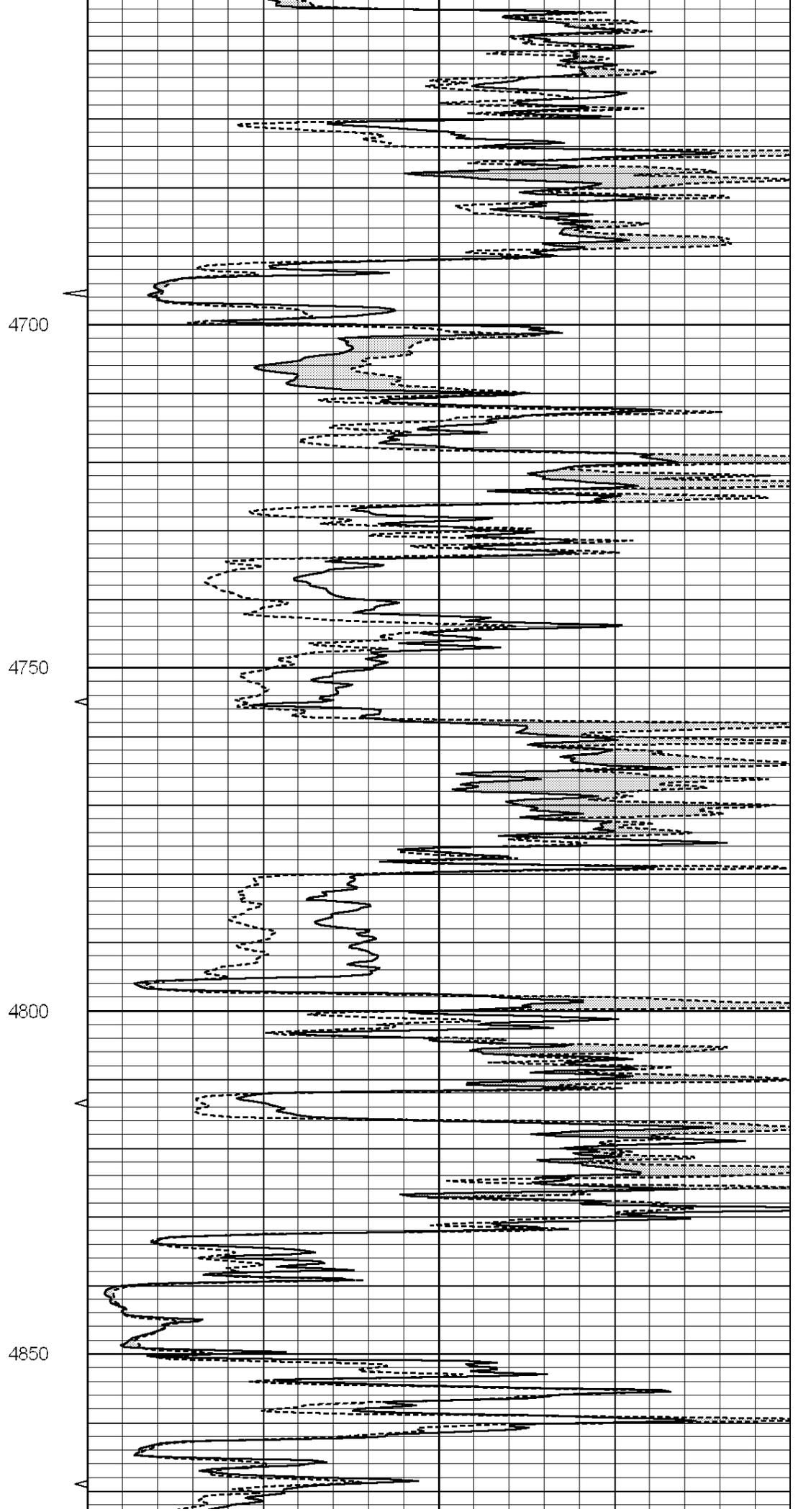
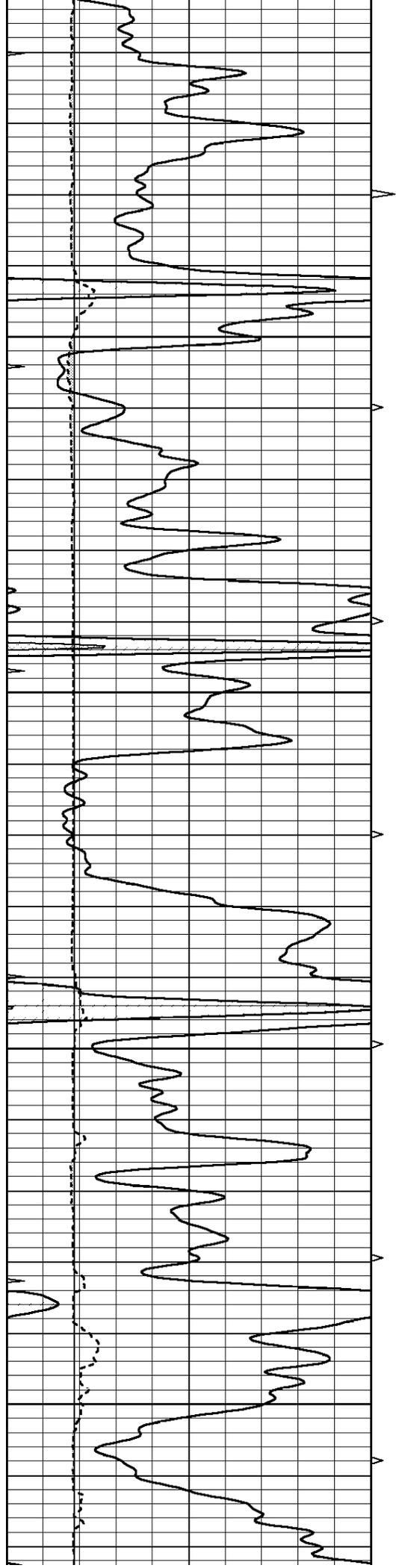
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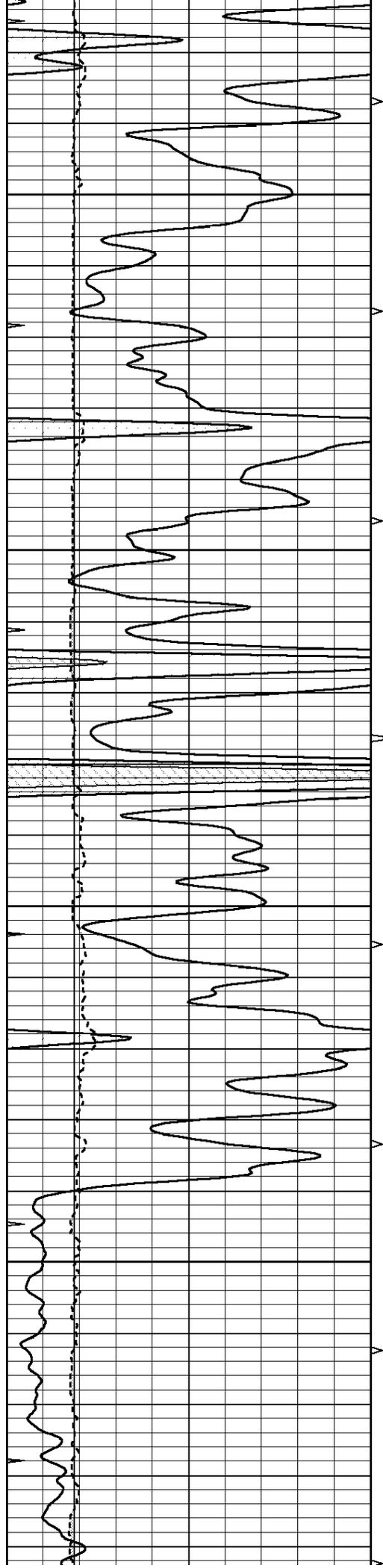
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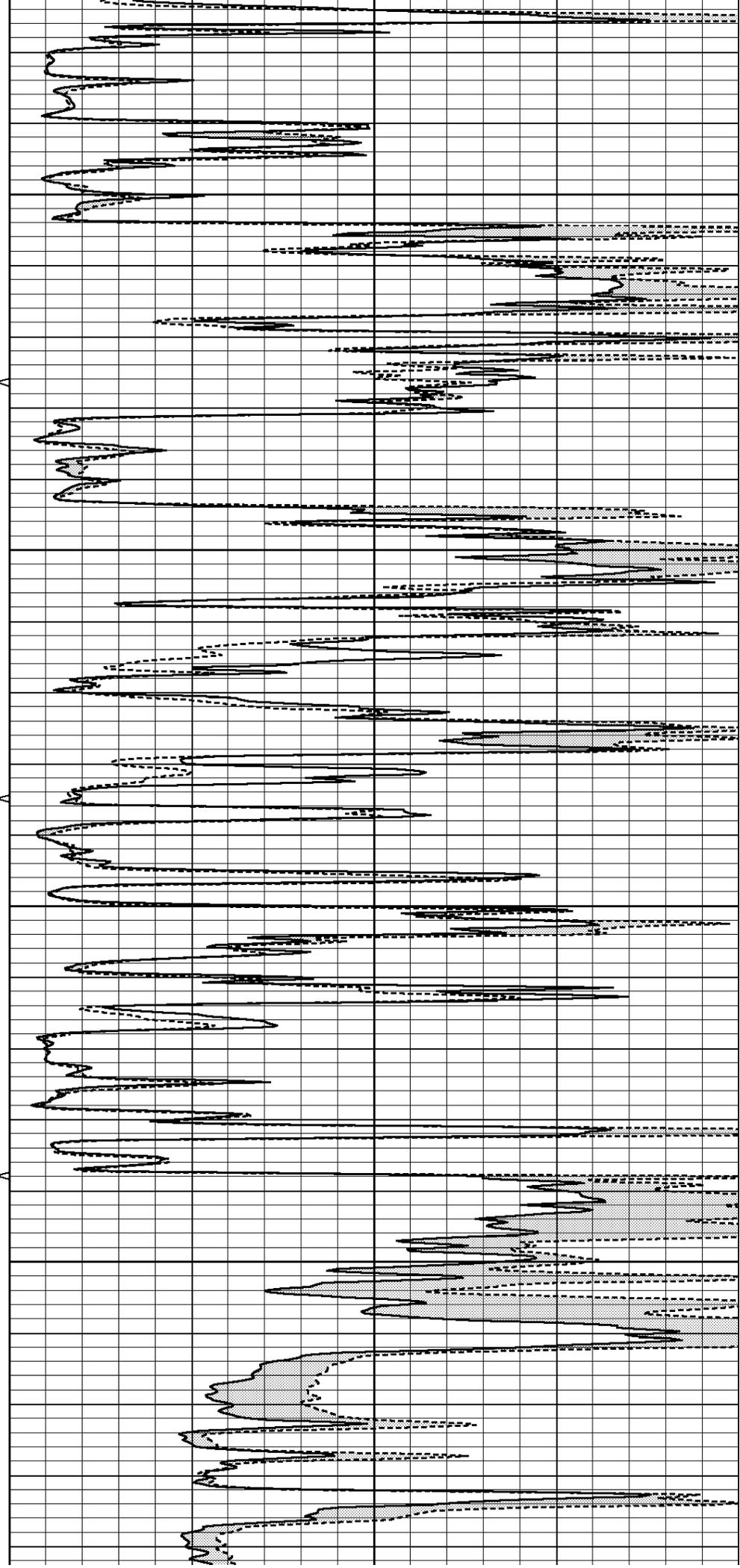


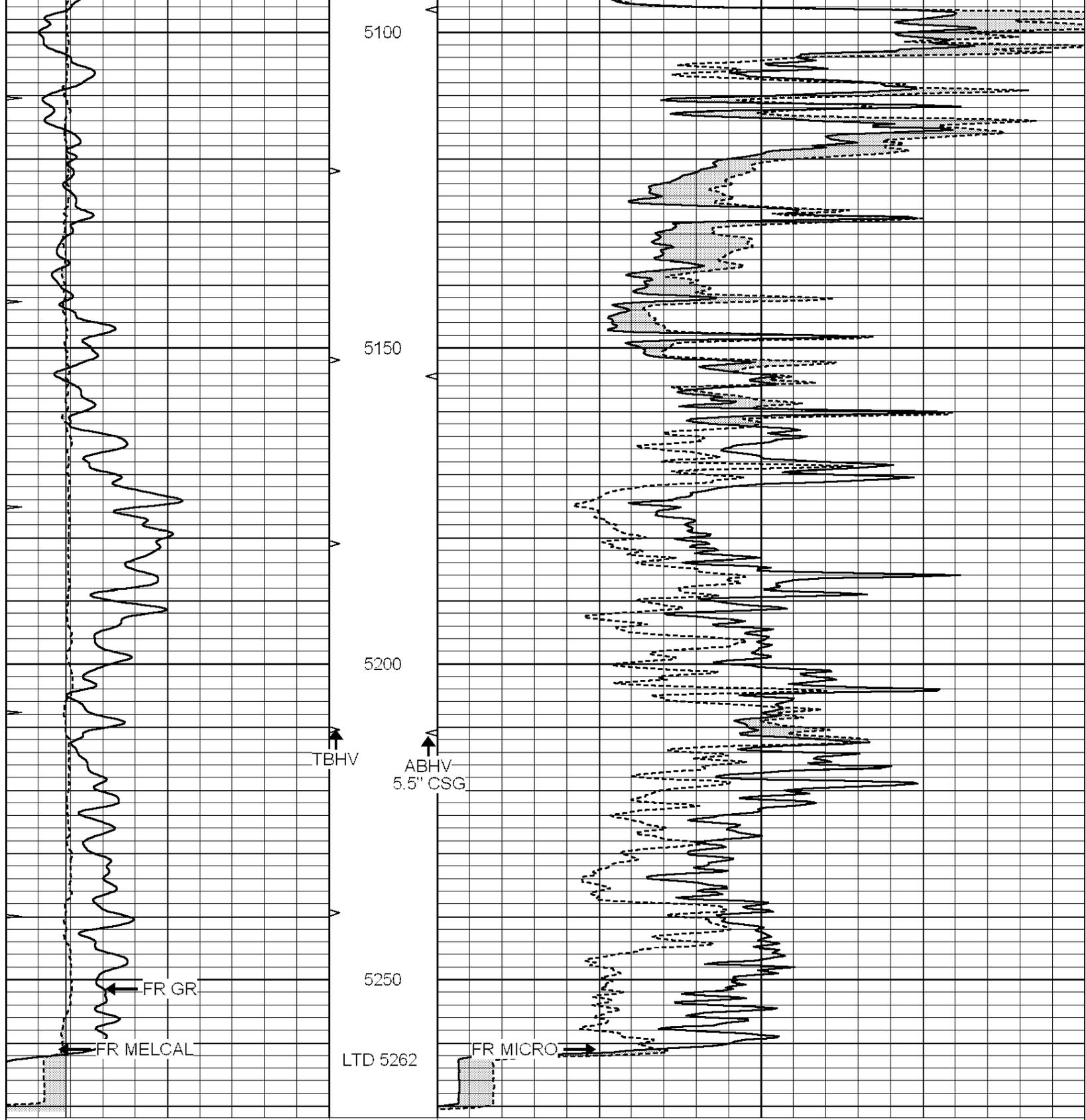
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5000

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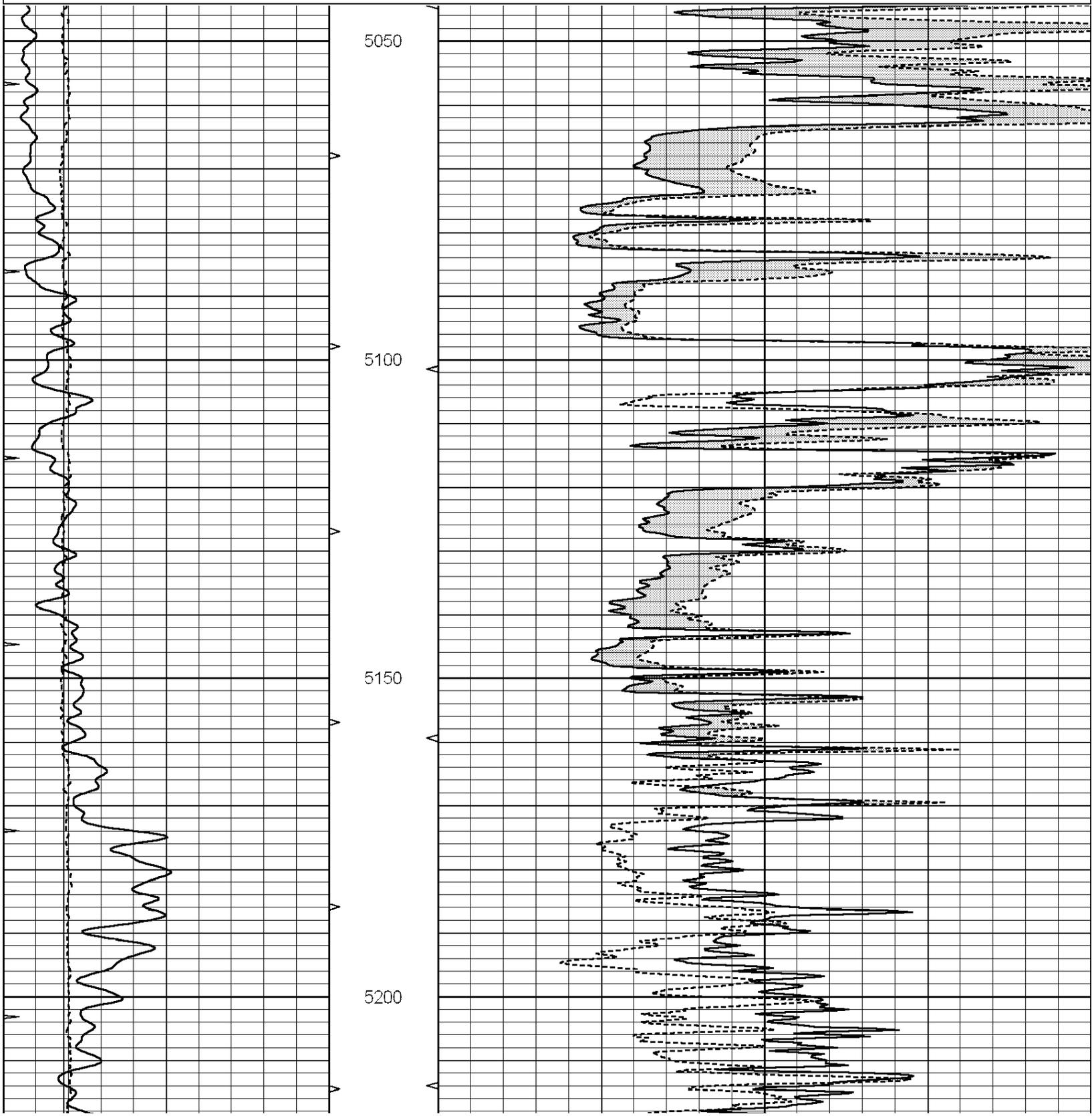
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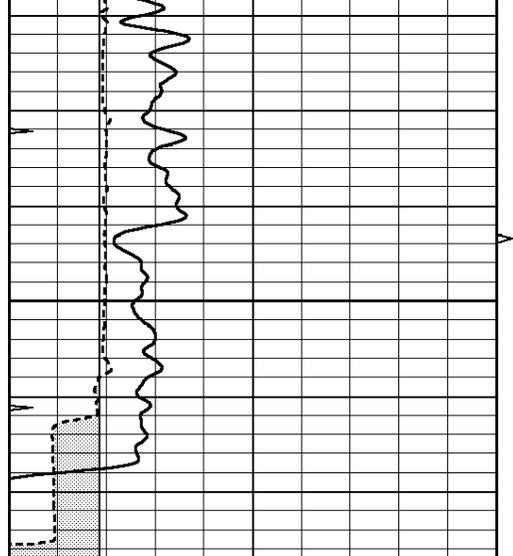
0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40

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 Charted by: Depth in Feet scaled 1:240

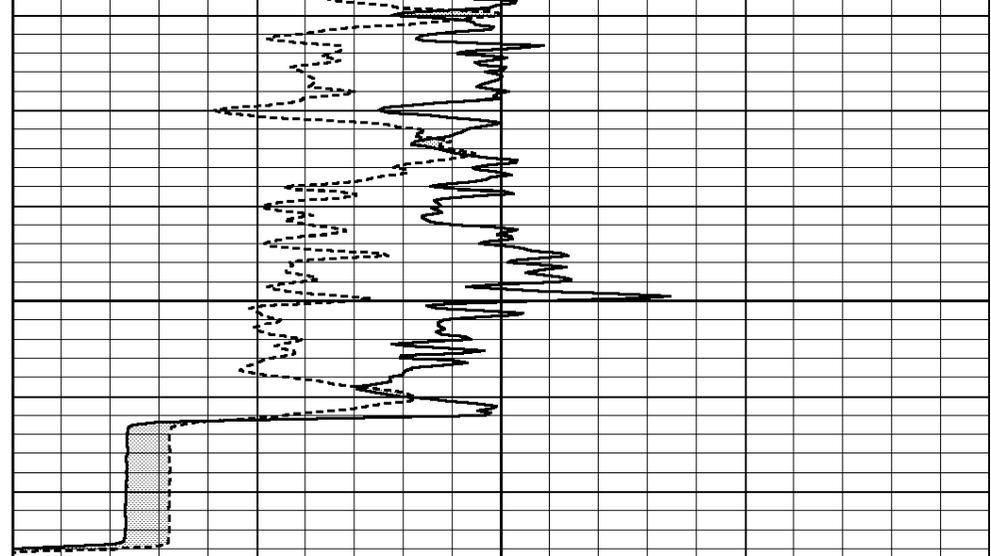
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6	MELCAL (in)	16
0	MINMK	20

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





5250



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: 010659pe.db
 Dataset Pathname: pass6.2
 Dataset Creation: Fri Jan 25 09:48:03 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=-1.933
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:	1.8000	GAPI/cps