



**SUPERIOR
Hays,
Kansas**

**MICRO
LOG**

Company EDISON OPERATING COMPANY, LLC.
Well PEGGY #1-18
Field MOODY
County STAFFORD
State KANSAS

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Location: API #: 15-185-23746
990' FSL & 1980' FWL
SEC 8 TWP 25S RGE 14W
Permanent Datum GROUND LEVEL Elevation 1990
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
DIL/SONIC
Elevation
K.B. 2000
D.F.
G.L. 1990

Date	5-23-12
Run Number	ONE
Depth Driller	4500
Depth Logger	4501
Bottom Logged Interval	4484
Top Log Interval	3400
Casing Driller	417
Casing Logger	417
Bit Size	7.875
Type Fluid in Hole	STARCRH MUD
Density / Viscosity	9.6 / 55
pH / Fluid Loss	7.0 / 16.0
Source of Sample	FLOWLINE
Rim @ Meas. Temp	0.25 @ 91F
Rmf @ Meas. Temp	0.19 @ 91F
Rmc @ Meas. Temp	0.30 @ 91F
Source of Rmf / Rmc	MEASURED
Rim @ BHT	.190 @ 120F
Time Circulation Stopped	3 HOURS
Time Logger on Bottom	10:00 A.M.
Maximum Recorded Temperature	120F
Equipment Number	860
Location	HAYS, KS.
Recorded By	RUPP
Witnessed By	DEREK PATTERSON

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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: JCT. OF #281 & #50, 7W TO BYERS BLACKTOP, 6S, 1 1/2W, NW INTO.



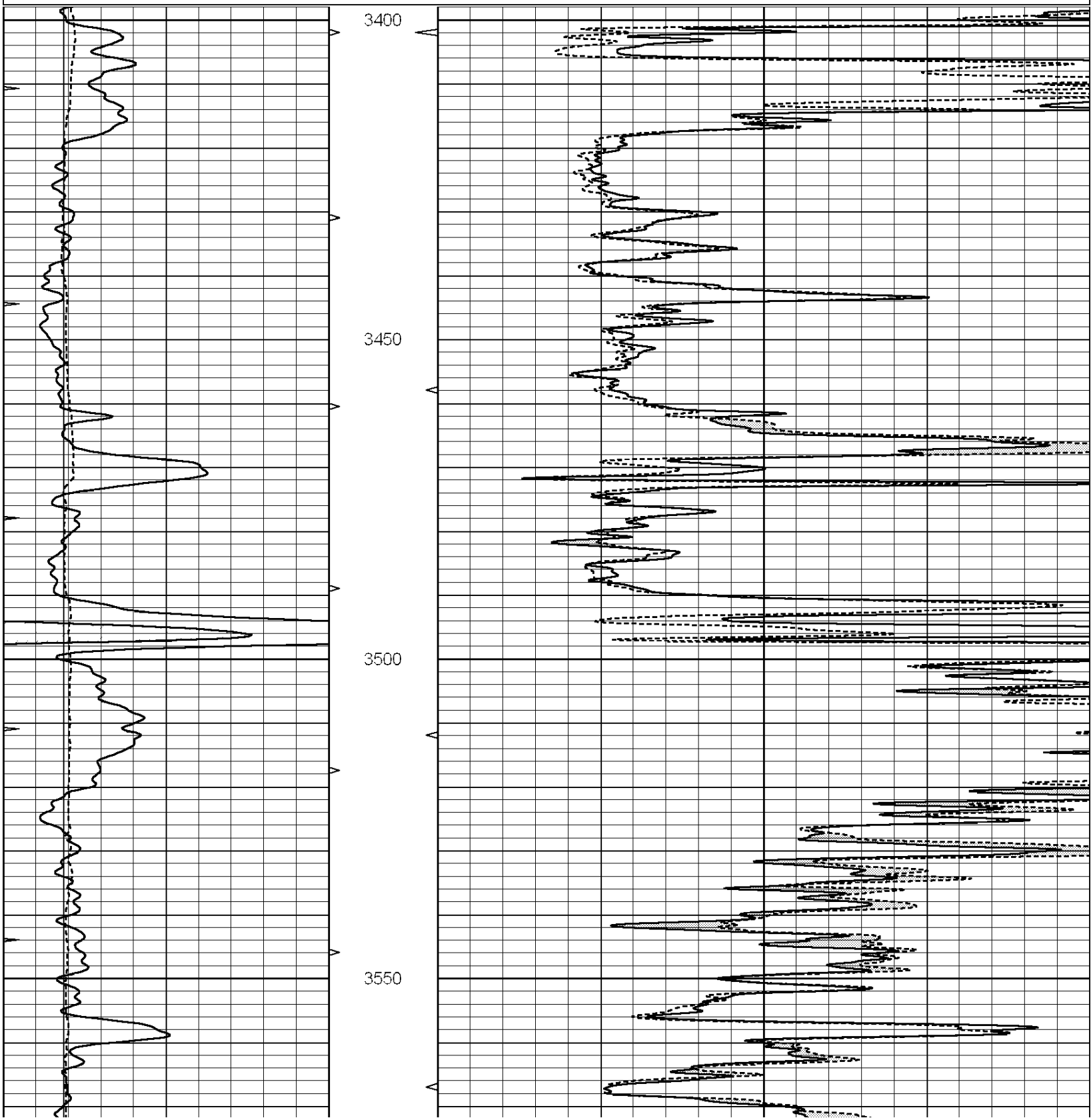
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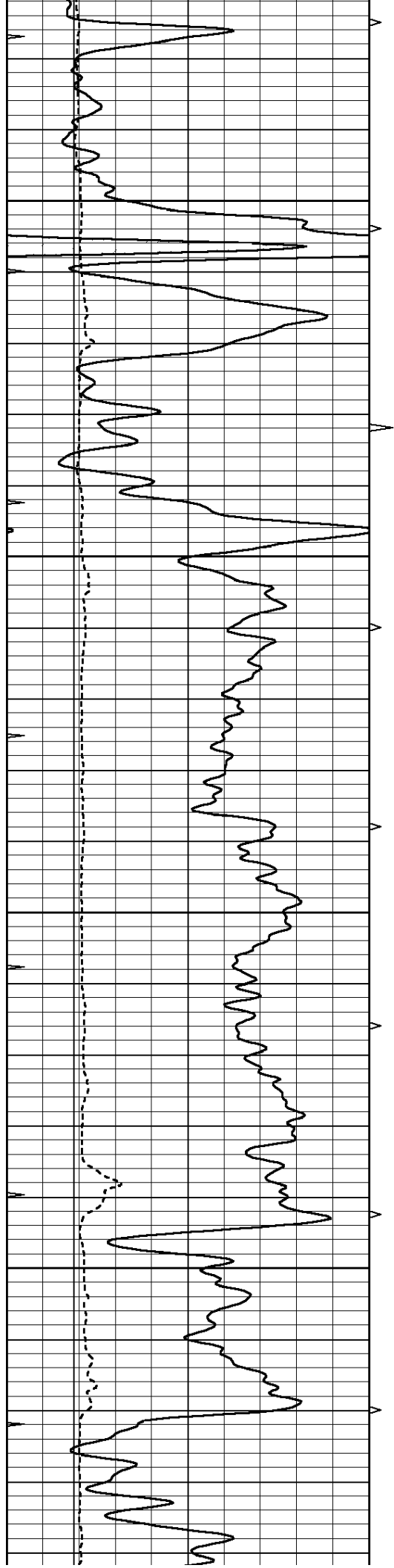
MAIN SECTION

Database File: 009125ddn.db
 Dataset Pathname: pass4.1A
 Presentation Format: micro
 Dataset Creation: Wed May 23 11:37:10 2012
 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)	20
0	MEL2.0 (Ohm-m)	20



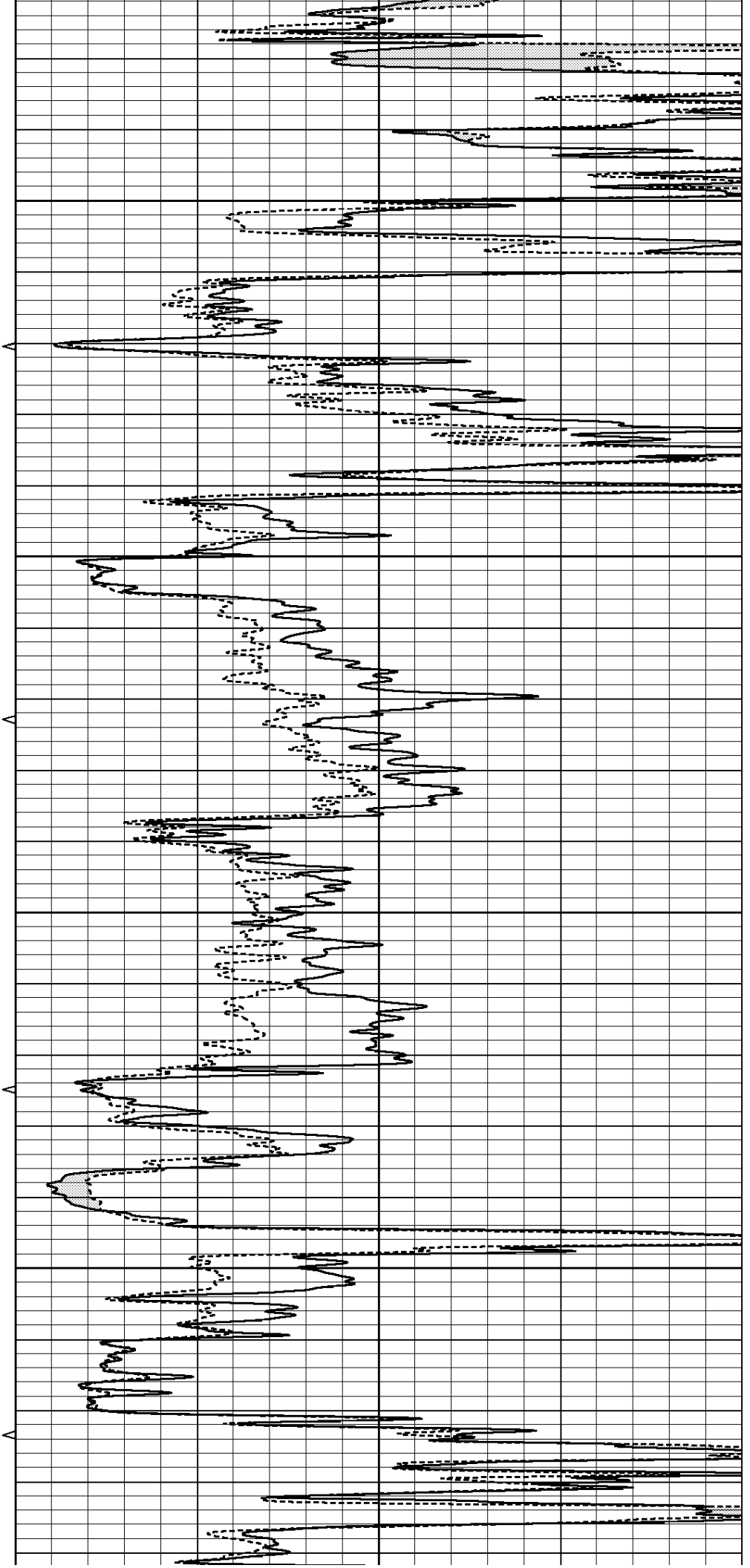


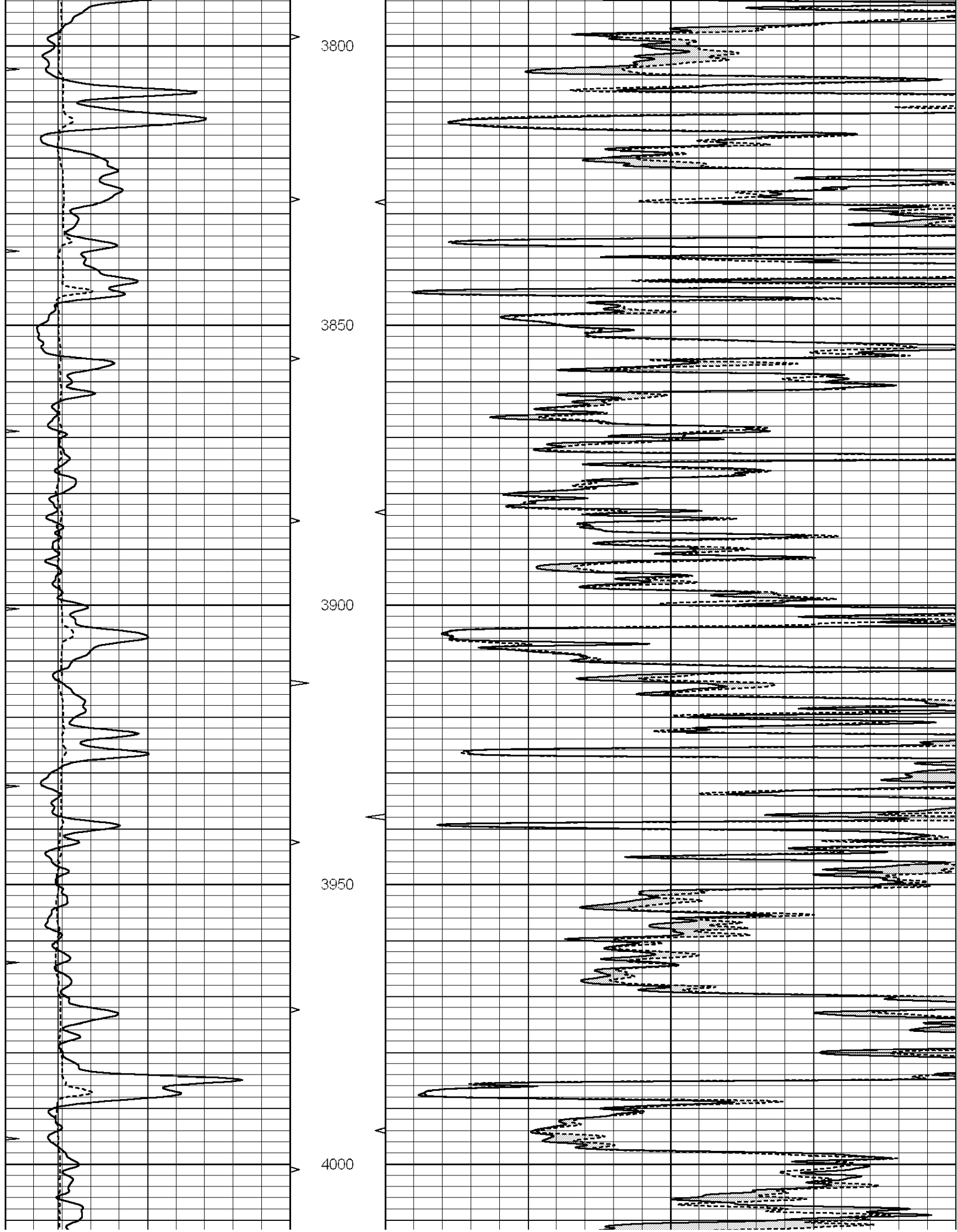
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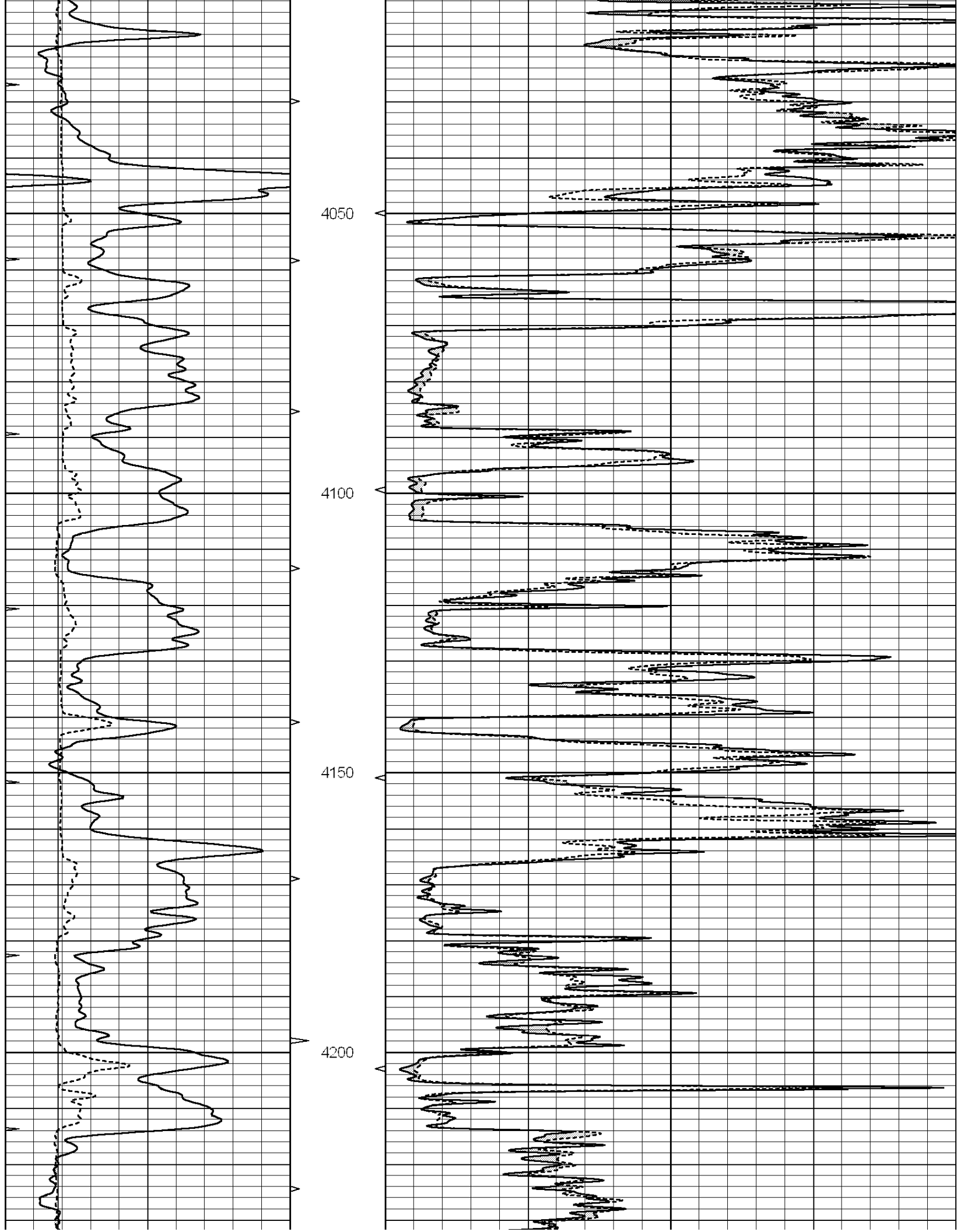
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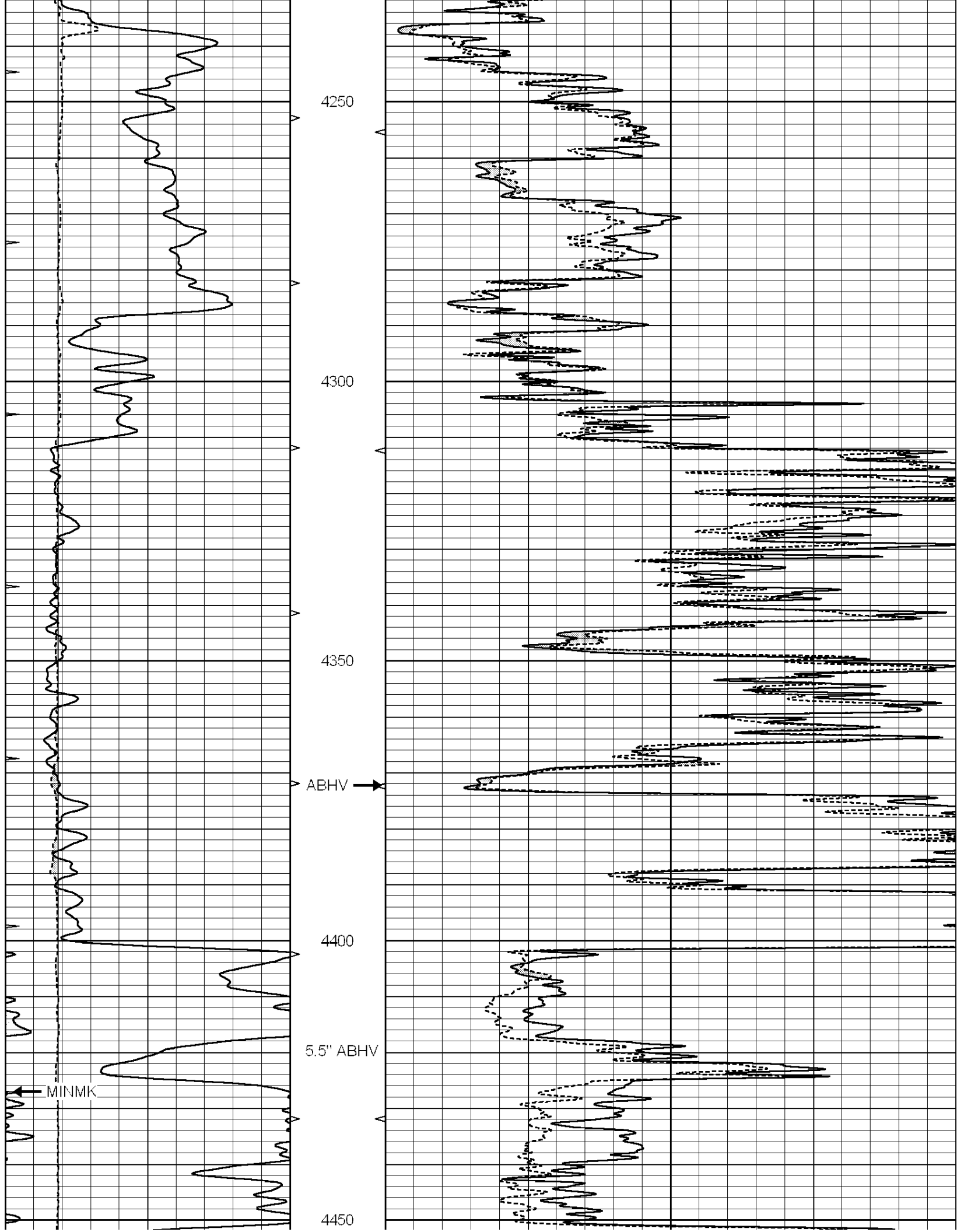
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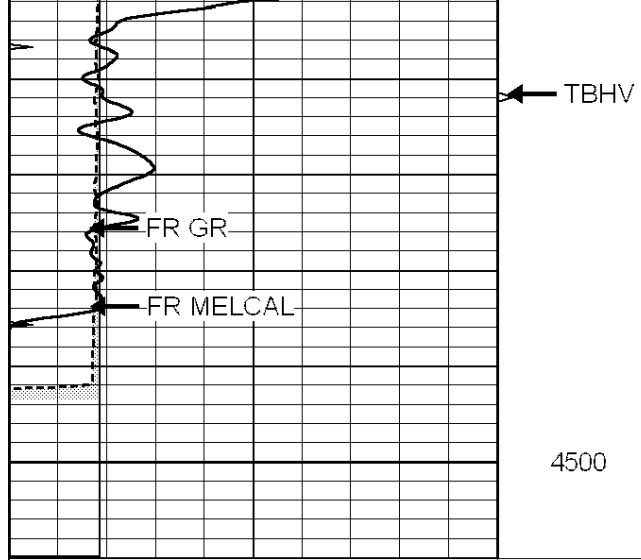
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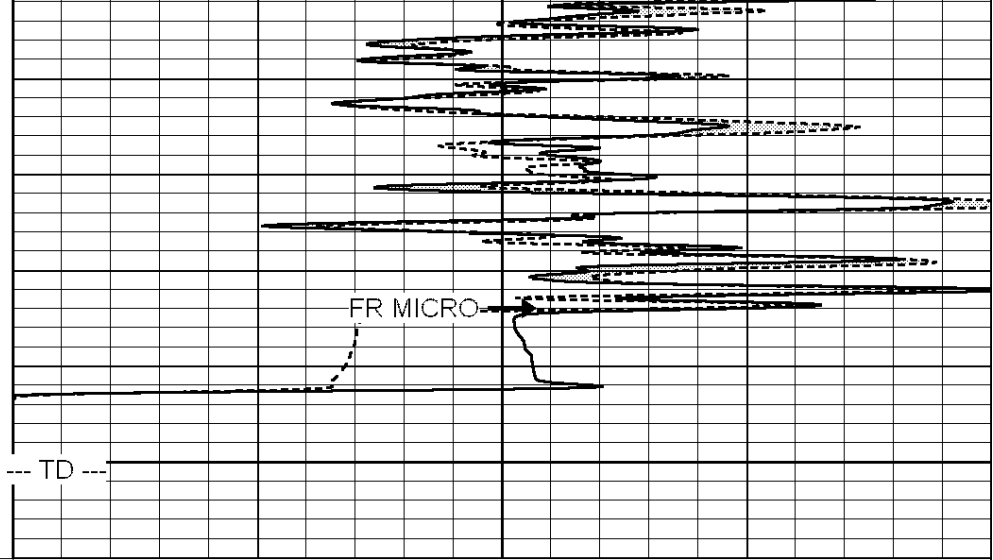








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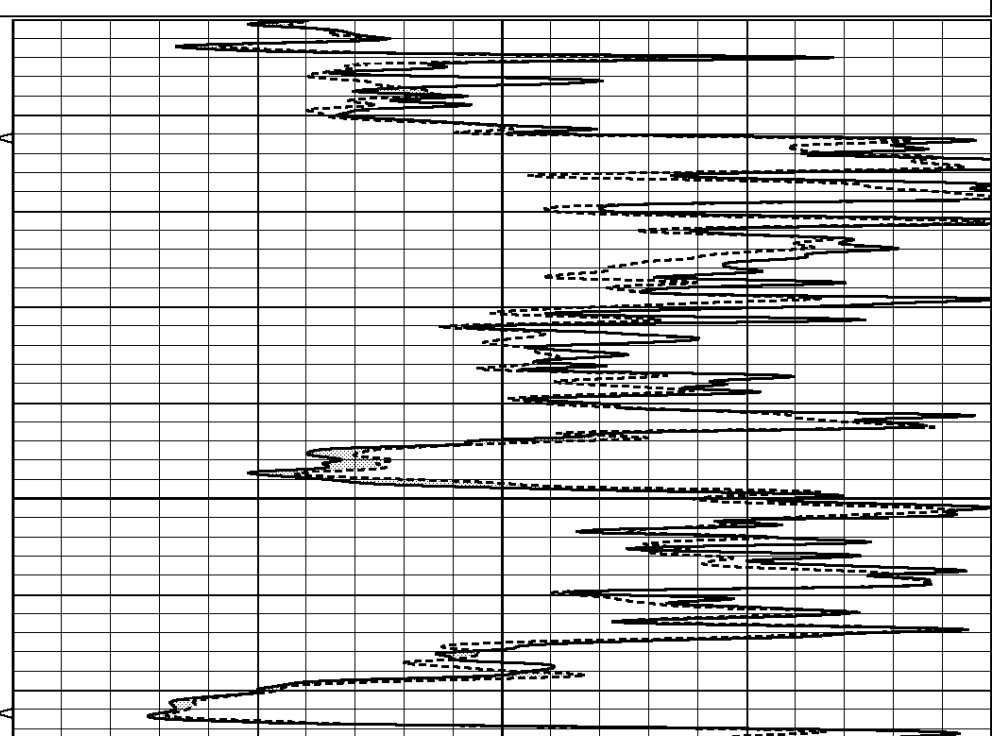
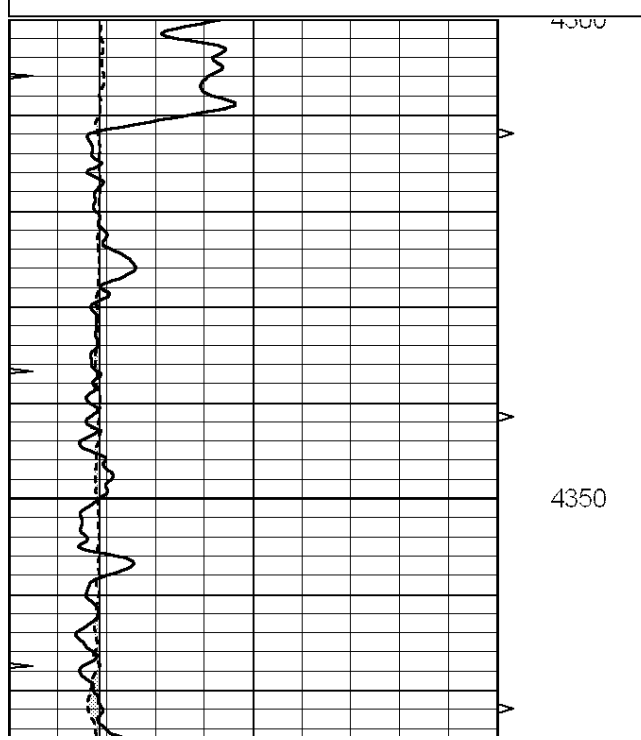
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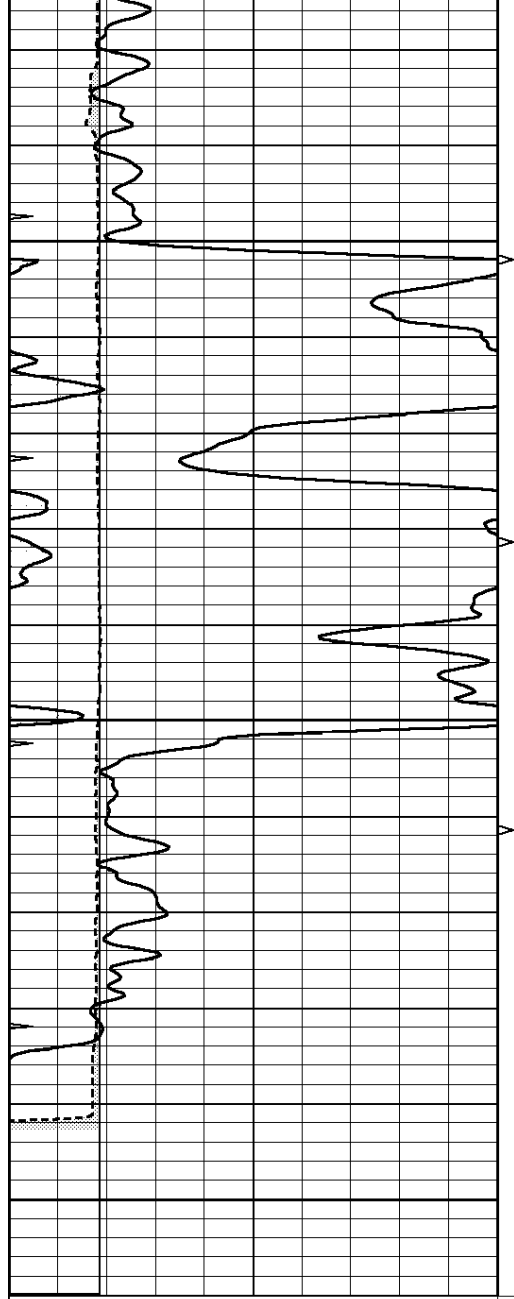
REPEAT SECTION

Database File: 009125ddn.db
 Dataset Pathname: pass3.2
 Presentation Format: micro
 Dataset Creation: Wed May 23 12:34:10 2012
 Charted by: Depth in Feet scaled 1:240

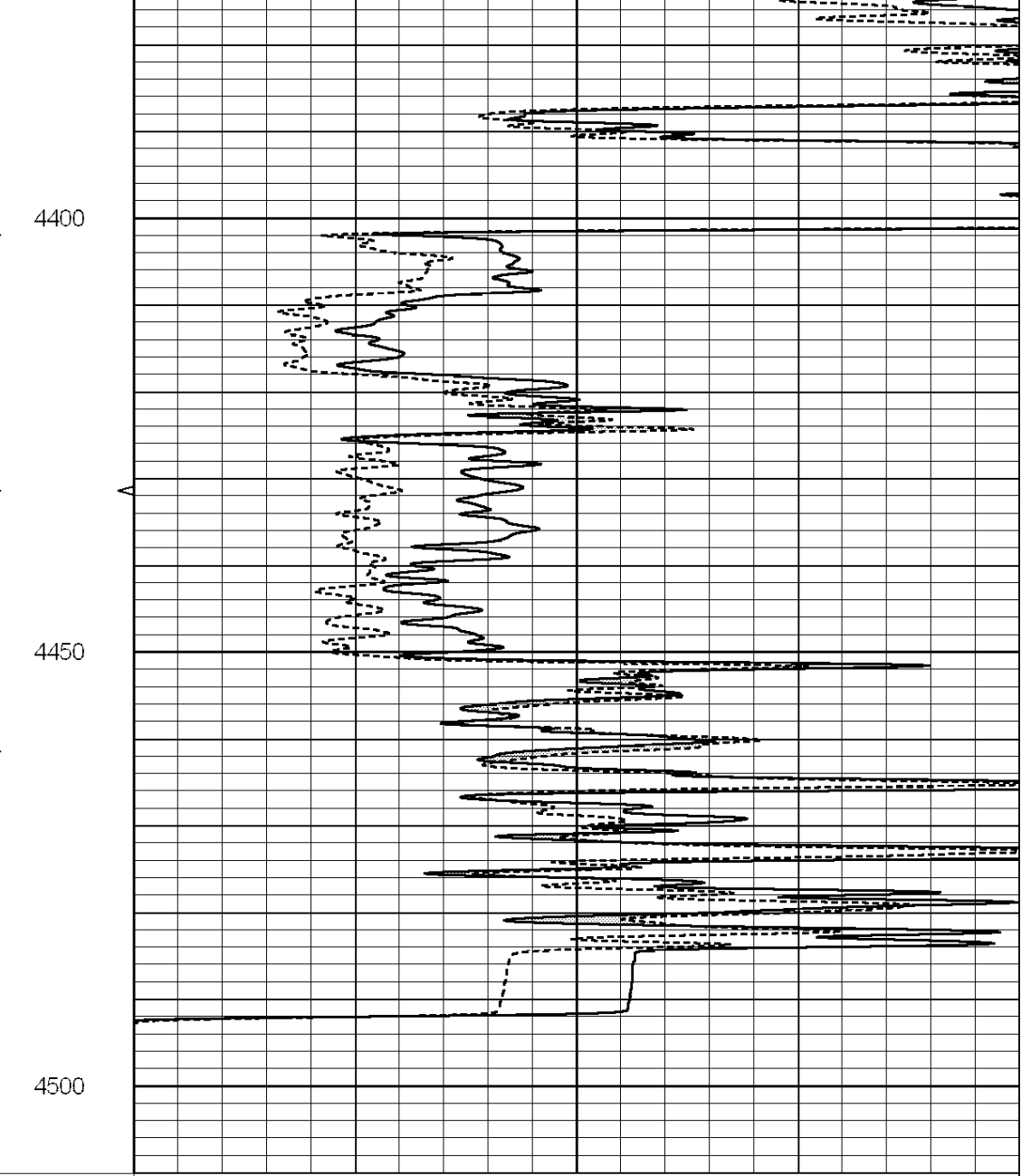
0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	20
0	MEL2.0 (Ohm-m)	20





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



0	MEL1.5 (Ohm-m)	20
0	MEL2.0 (Ohm-m)	20

Calibration Report

Database File: 009125ddn.db
 Dataset Pathname: pass4.1A
 Dataset Creation: Wed May 23 11:37:10 2012

MICRO Calibration Report

Serial Number: MICRO4
 Tool Model: PROBE
 Performed: Wed May 23 09:41:03 2012

Caliper Calibration: Gain=1.157 Offset=1.494

References	Low Cal	High Cal
Readings	7.800	11.000
	5.449	8.214

1.5" Calibration: Gain=40.000 Offset=-0.400

References	Low Cal	High Cal
Readings	0.000	20.000
	0.009	1.541

2" Calibration:	Gain=46.000	Offset=0.000
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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:	Wed May 23 09:40:59 2012	

Calibrator Value:	1.0	GAPI
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Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity:	0.7000	GAPI/cps
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