



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

EDISON OPERATING COMPANY, LLC.

#1-27 PAGE OWWO

ST. JOHN

STAFFORD

KANSAS

Company EDISON OPERATING COMPANY, LLC.

Well #1-27 PAGE OWWO

Field ST. JOHN

County STAFFORD State KANSAS

Location: API # : 15-185-20563-0001

330' FSL & 330' FEL
SE - SE - SE

SEC 27 TWP 24S RGE 13W

GROUND LEVEL Elevation 1925

Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation

K.B. 1930
D.F. 1928
G.L. 1925

Date 10/5/14

Run Number TWO

Depth Driller 4218

Depth Logger 4218

Bottom Logged Interval 4216

Top Log Interval 2900

Casing Driller 8 5/8"@320'

Casing Logger 318

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.0/40

pH / Fluid Loss 7.0/N/A

Source of Sample FLOWLINE

Rin @ Meas. Temp .100@70F

Rinf @ Meas. Temp .075@70F

Rmc @ Meas. Temp .120@70F

Source of Rinf / Rmc MEASUREMENT

Rin @ BHT .059@118F

Time Circulation Stopped 5 HOURS

Time Logger on Bottom 11:45 P.M.

Maximum Recorded Temperature 118F

Equipment Number 4854

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By MARK ELSON

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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

THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
(HWY 50 & 281 JUNCTION) S. OF ST. JOHN, KS., 2S. ON HWY 281, 7/8E., N. INTO



NABORS

**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File:

25890pe.db

Dataset Pathname:

pass6.4

Presentation Format:

micro

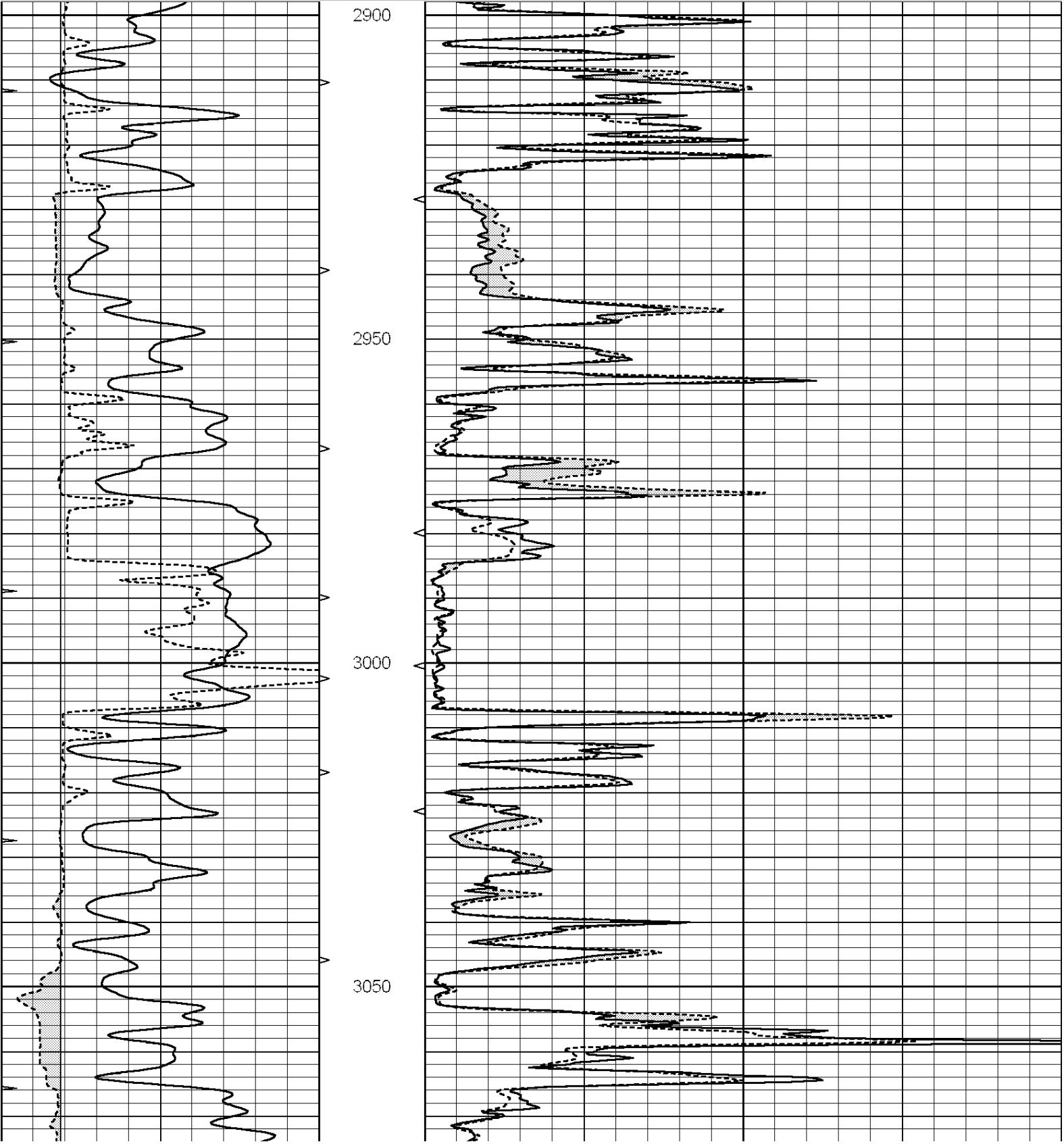
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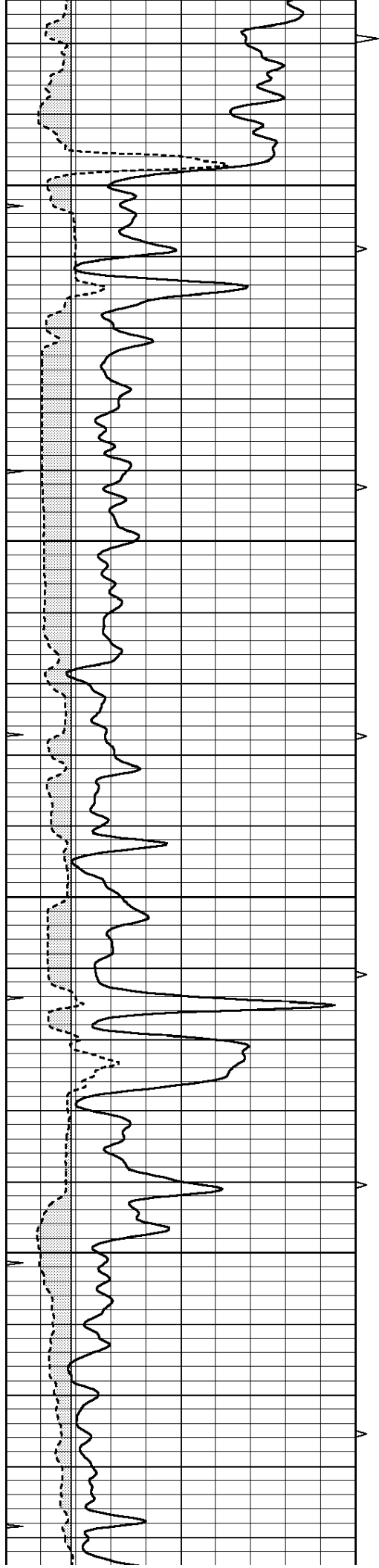
Mon Oct 06 03:35:54 2014

Charted by:

Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3)	0	MEL 20 (Ohm-m)	20
0	MINMK	20	TBHV			
			0 (ft3)	10		



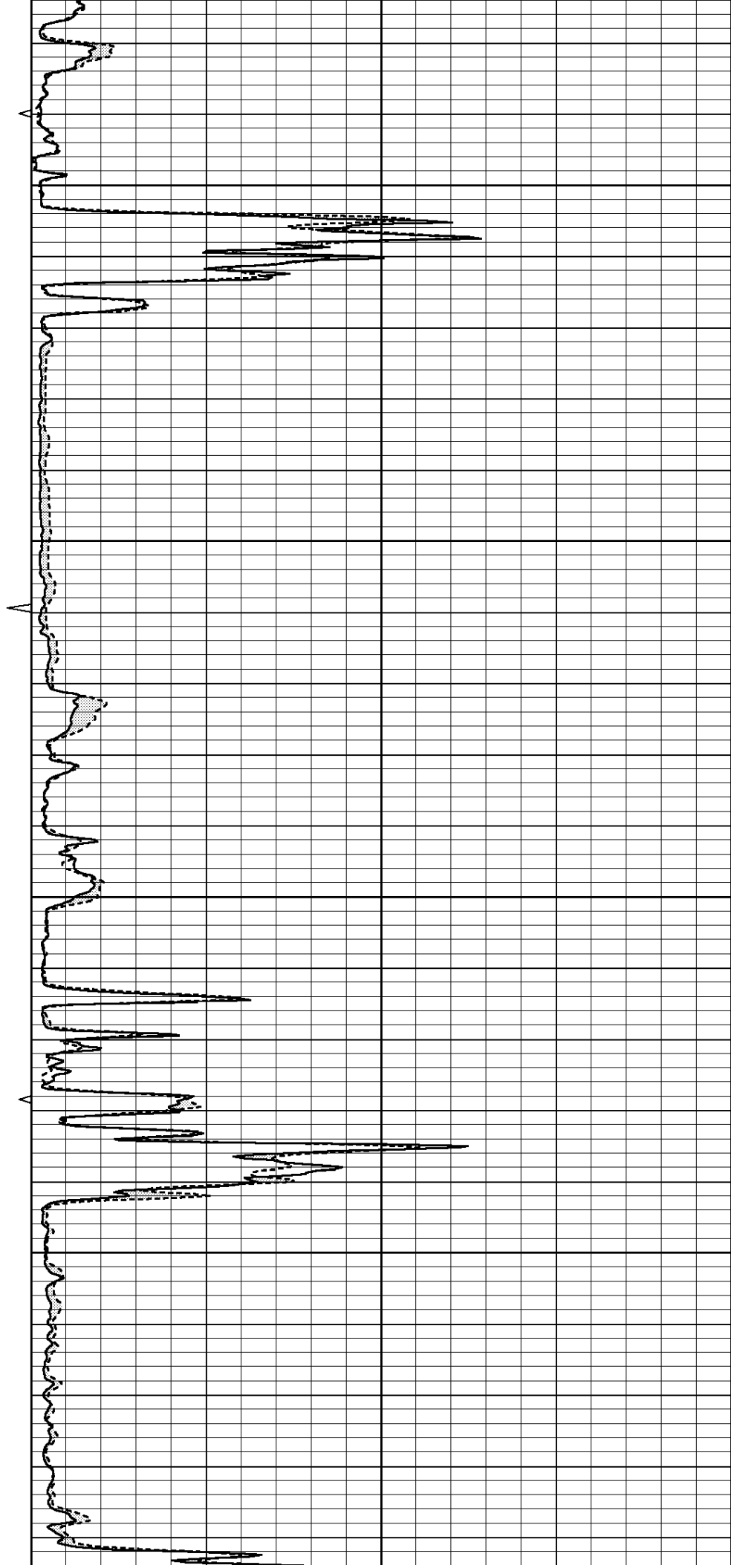


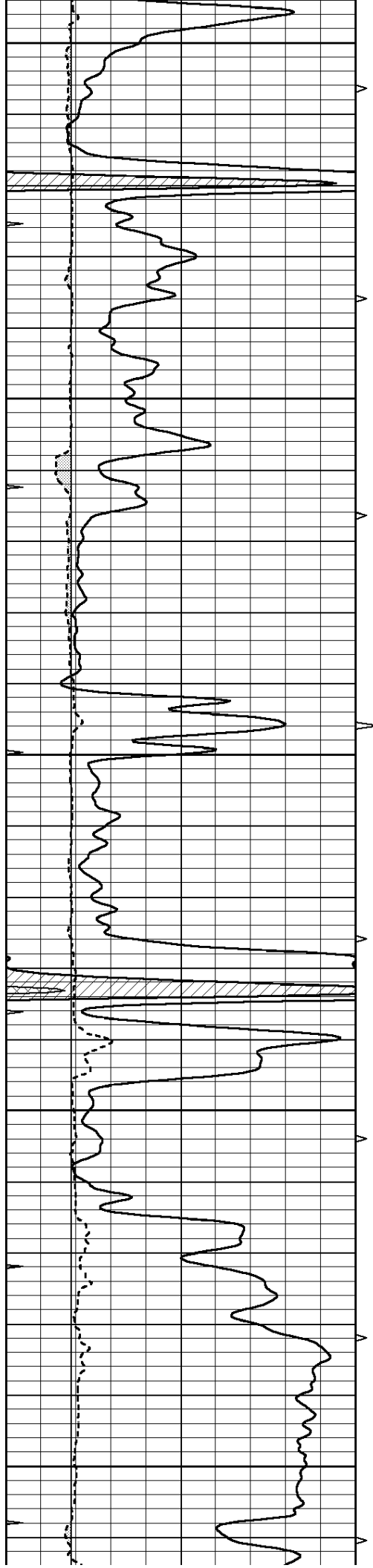
3100

3150

3200

3250





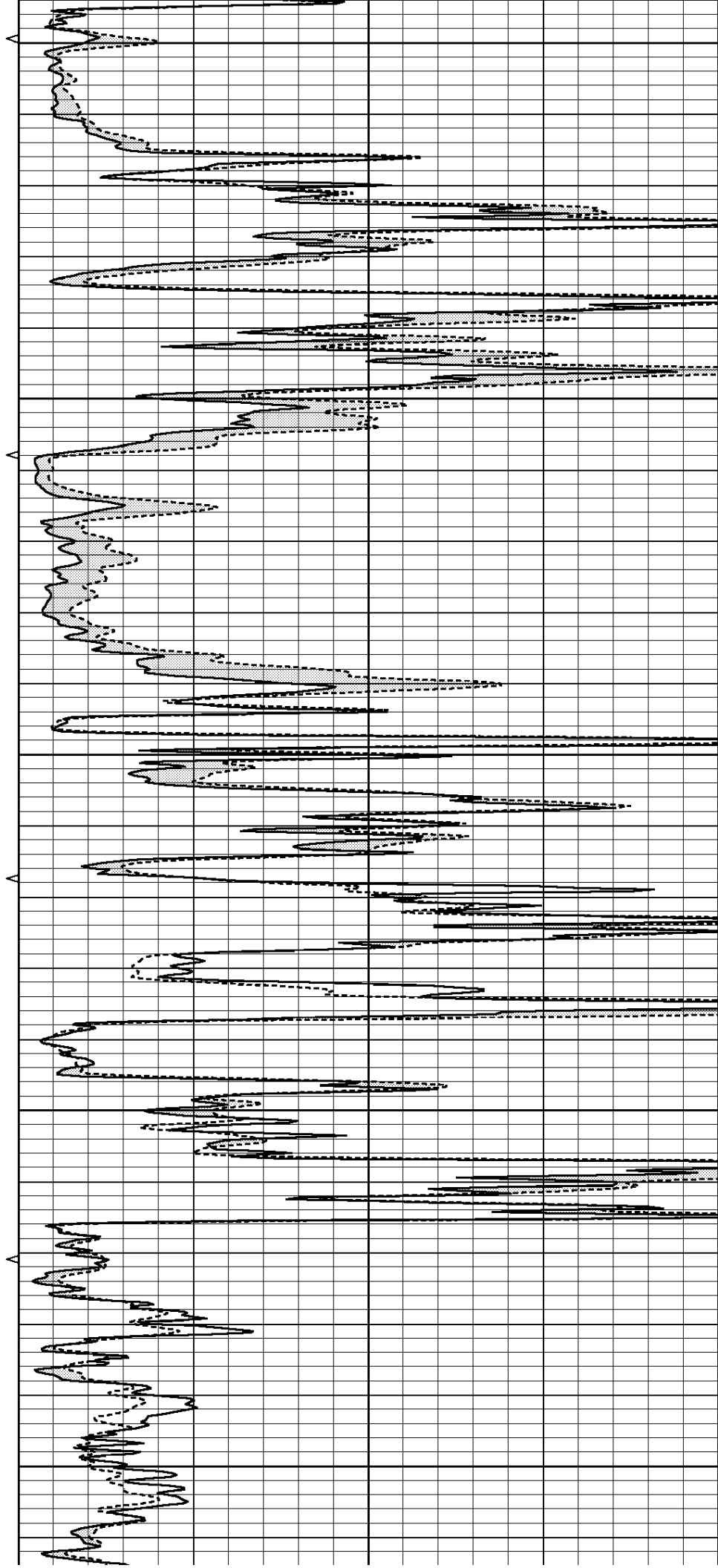
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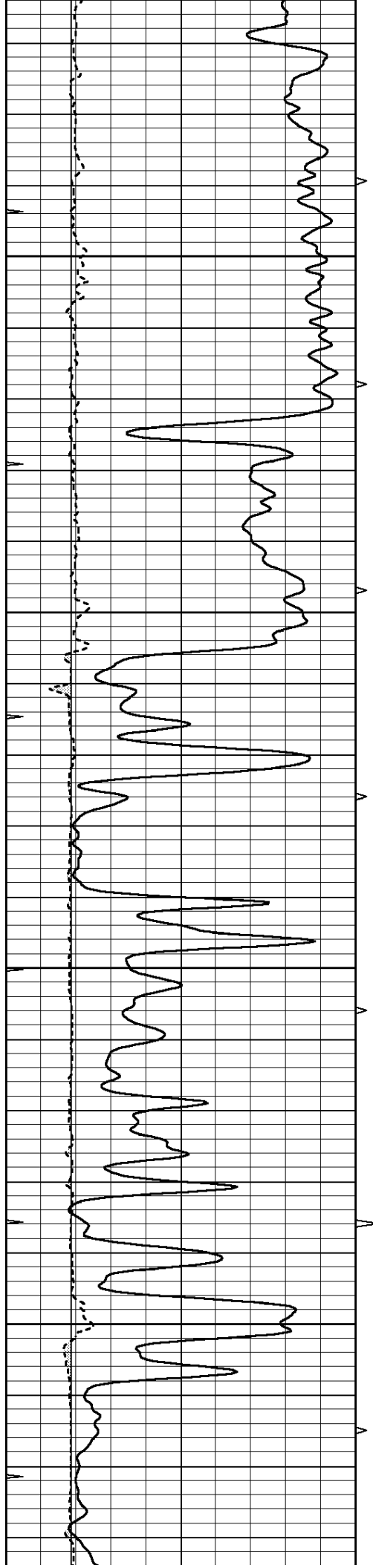
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3400

3450

3500



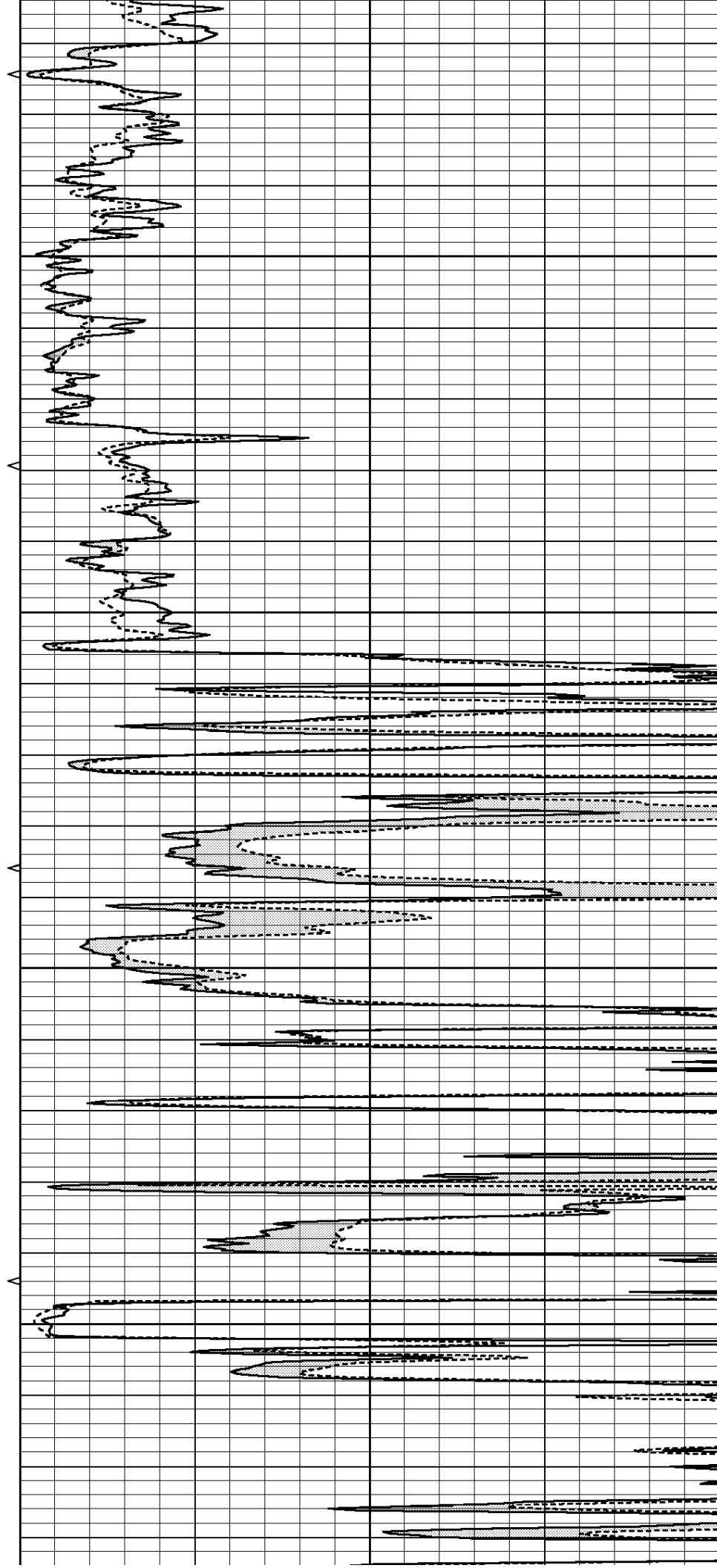


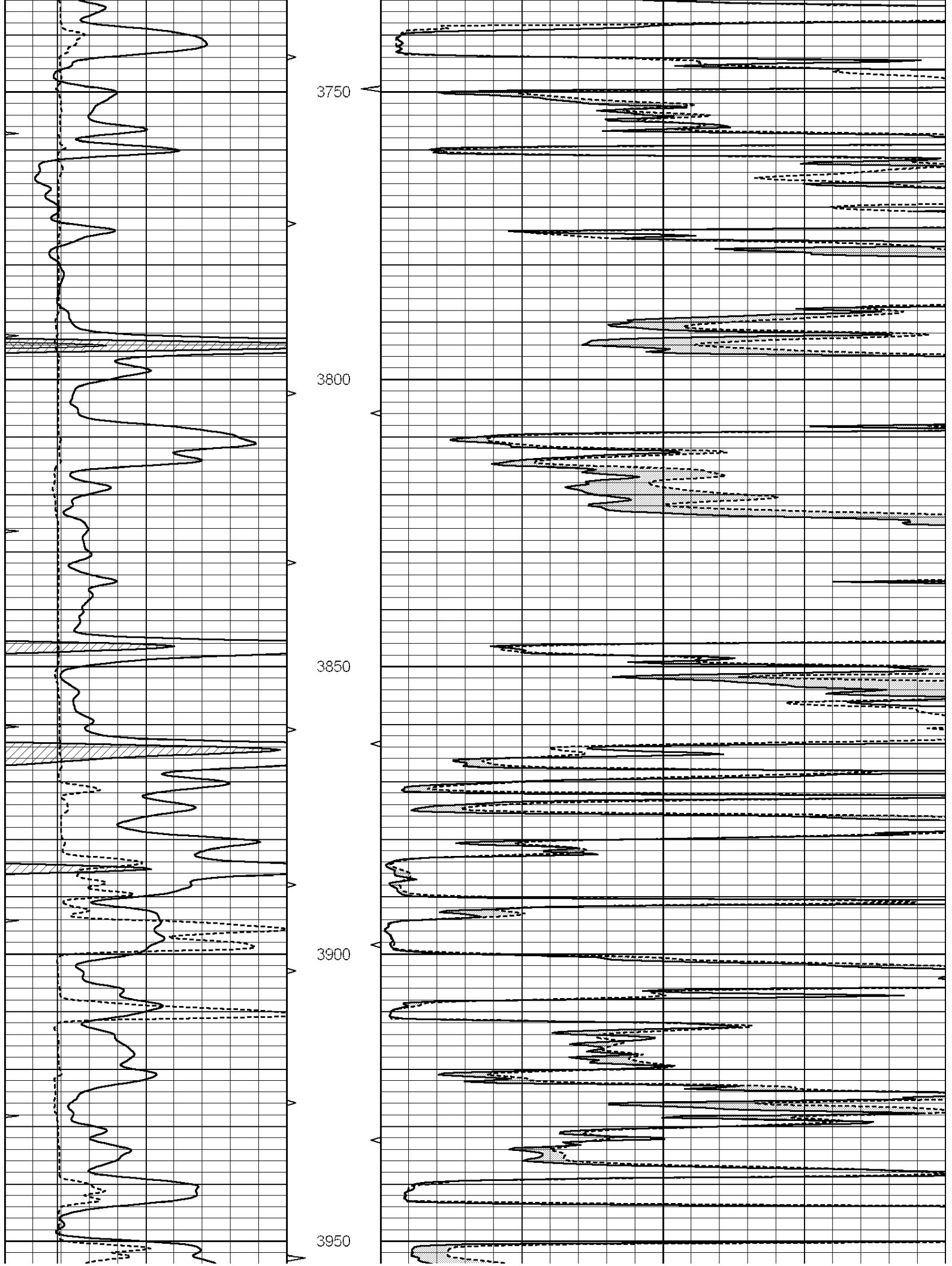
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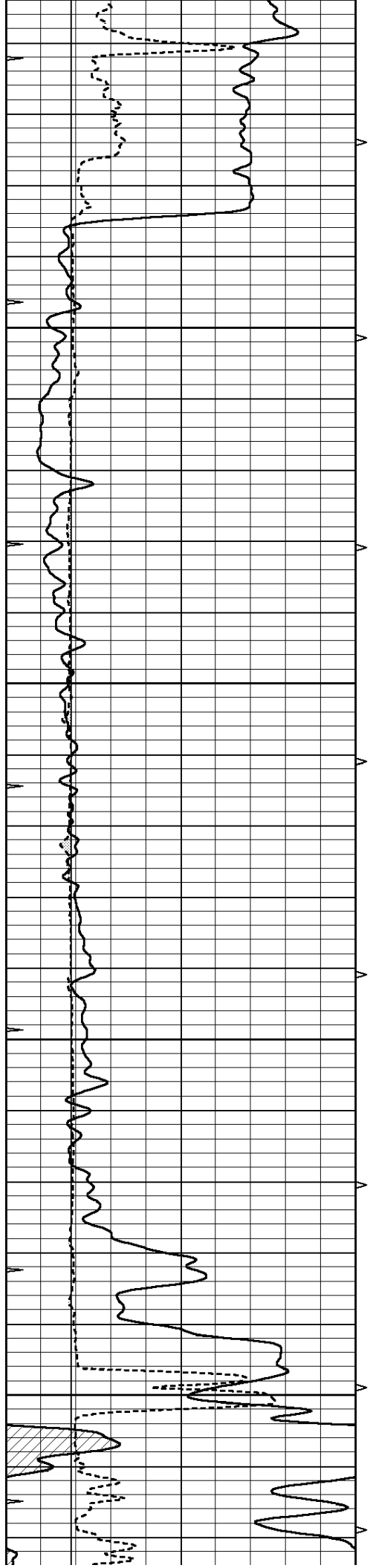
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3650

3700







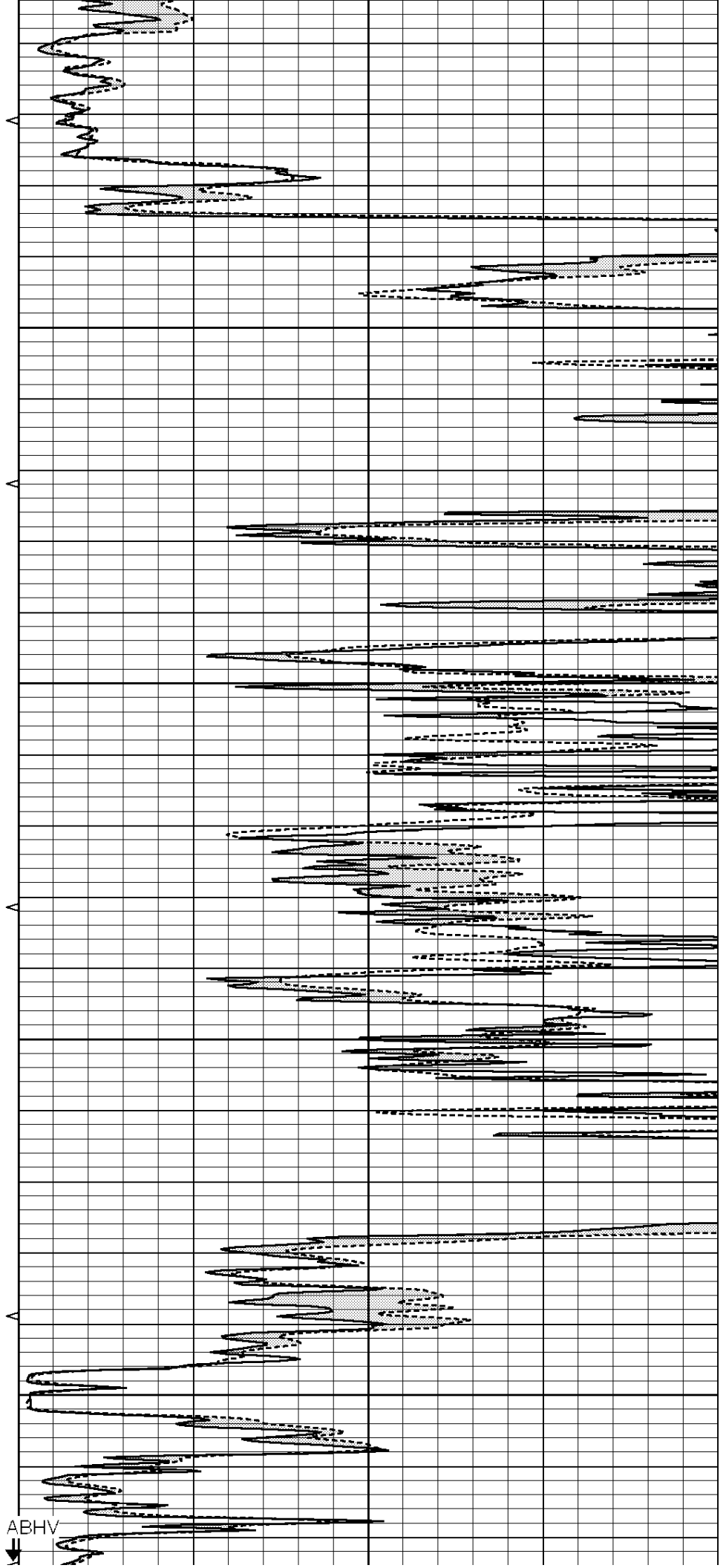
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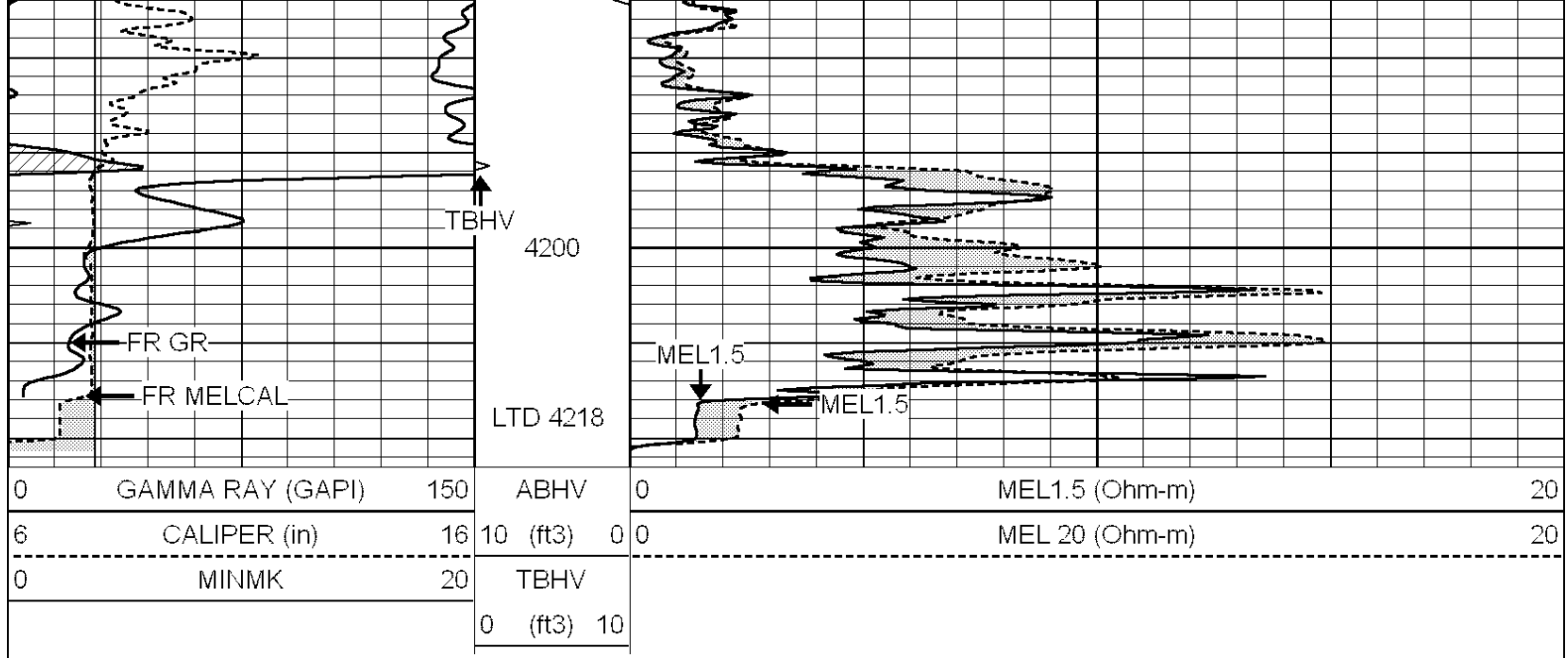
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4100

4150

5.5" ABHV

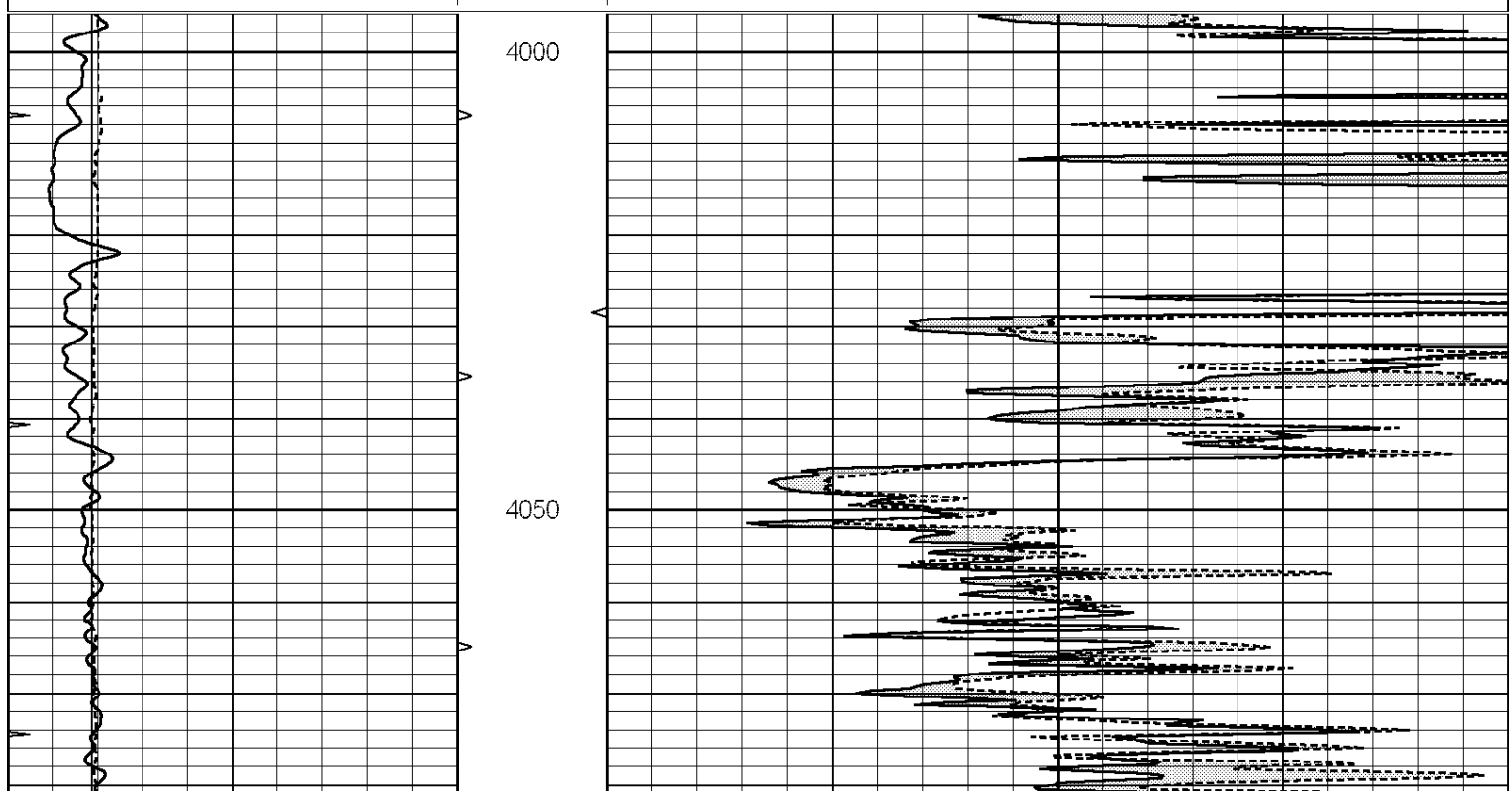


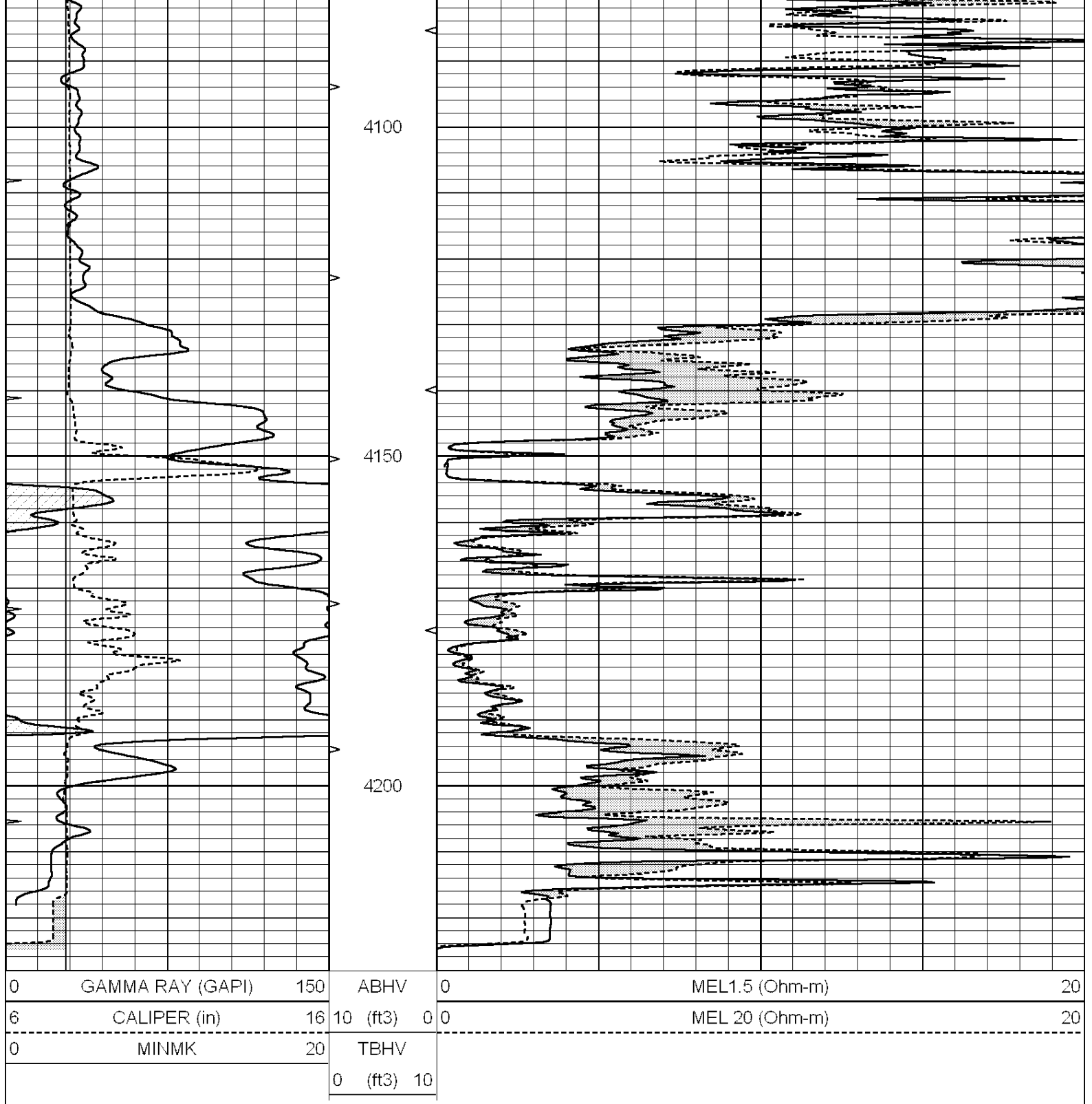


REPEAT SECTION

Database File: 25890pe.db
 Dataset Pathname: pass5.4
 Presentation Format: micro
 Dataset Creation: Mon Oct 06 03:30:51 2014
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	20
6	CALIPER (in)	16	10 (ft3)	0	MEL 20 (Ohm-m)	20
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report		
Database File:	25890pe.db	
Dataset Pathname:	pass6.4	
Dataset Creation:	Mon Oct 06 03:35:54 2014	
MICRO Calibration Report		
Serial Number:	070910	
Tool Model:	ProbeN	
Performed:	Wed Sep 24 01:14:56 2014	
Caliper Calibration:	Gain=4.033	Offset=1.842
	Low Cal	High Cal
	0.100	15.000

References	8.100	15.000
Readings	1.552	3.263
1.5" Calibration:	Gain=25.000	Offset=0.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.000	1.216
2" Calibration:	Gain=66.000	Offset=-0.500
References	Low Cal	High Cal
Readings	0.000	20.000
	0.002	1.053
Gamma Ray Calibration Report		
Serial Number:	070559	
Tool Model:	OPEN_GR	
Performed:	Tue Sep 16 23:07:37 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2200	GAPI/cps