NABORS COMPLETION & PRODUCTION SERVICES CO.

MICRO LOG

Company	LOTUS OPERATING COMPANY, LLC.
Well	#2 "A" ACHENBACH "OWWO"
Field	STRANATHAN
County	BARBER
State	KANSAS

Company LOTUS OPERATING COMPANY, LLC.

Well #2 "A" ACHENBACH "OWWO"

Field STRANATHAN

County BARBER State KANSAS

Location: API # : 15-007-00396-0001

1650' FNL & 1650' FEL

NE - SW - NE

SEC 2 TWP 35S RGE 13W

Other Services: CDL/CNL/PE, DIL/SON/FF

Permanent Datum	GROUND LEVEL	Elevation 1491	Elevation: K.B. 1504
Log Measured From	KELLY BUSHING 13' A.G.L.		D.F. 1502
Drilling Measured From	KELLY BUSHING		G.L. 1491

Date	11/24/14		
Run Number	TWO		
Depth Driller	5650		
Depth Logger	5650		
Bottom Logged Interval	5634		
Top Log Interval	3800		
Casing Driller	8 5/8"@260'		
Casing Logger	260		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6,000 PPM	
Density / Viscosity	8.8/45		
pH / Fluid Loss	9.0/11.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.800@50F		
Rmf @ Meas. Temp	.600@50F		
Rmc @ Meas. Temp	.960@50F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.305@131F		
Time Circulation Stopped	5.5 HOURS		
Time Logger on Bottom	3:20 A.M.		
Maximum Recorded Temperature	131F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	TIM HELLMAN		

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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

HARDTNER, KS., 2 1/2W. ON BLKTOP TO "GYP HILL RD.", 1 1/4N., W. INTO

NABORS COMPLETION & PRODUCTION SERVICES CO.

MAIN SECTION

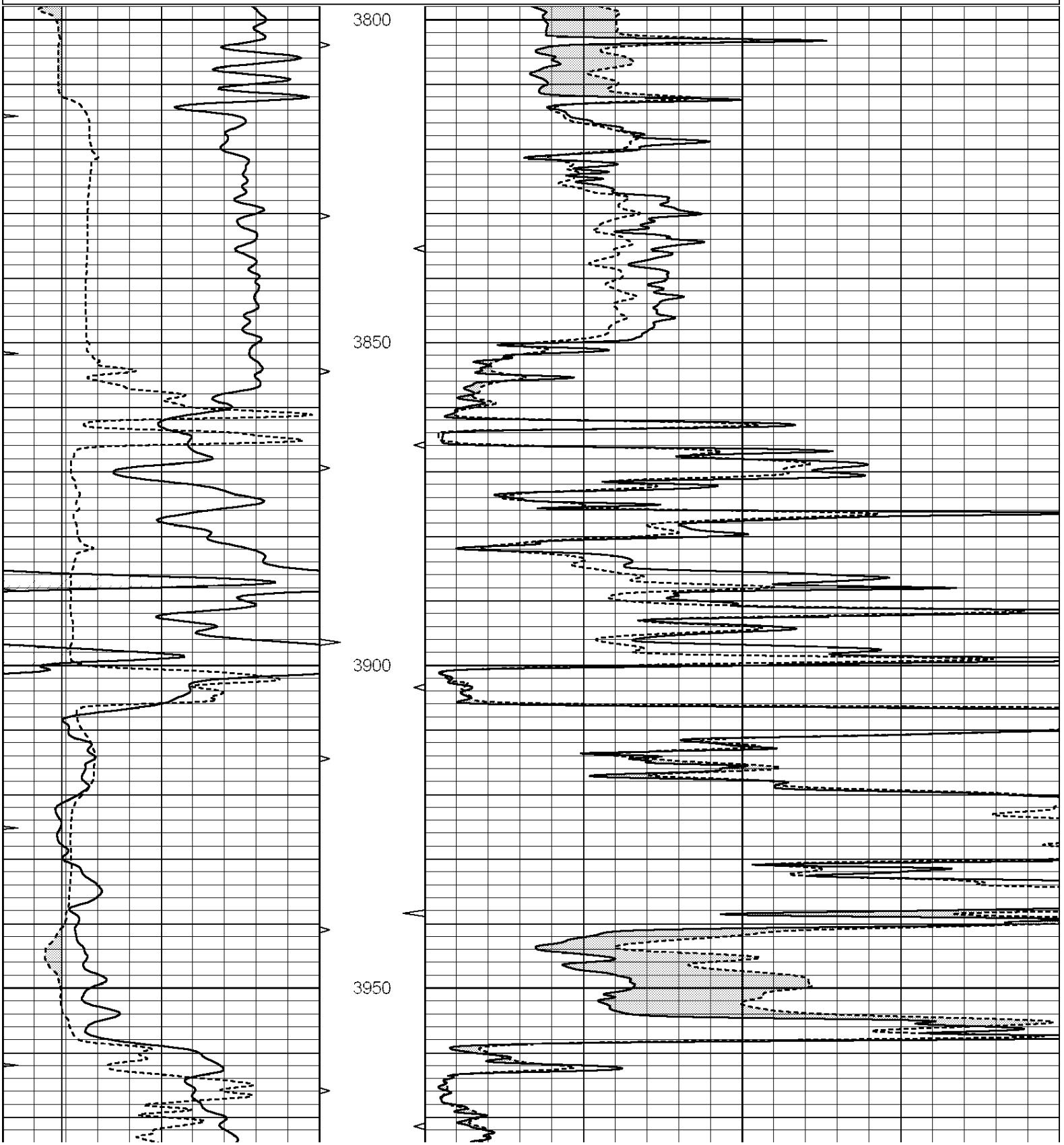
SERVICES CO.

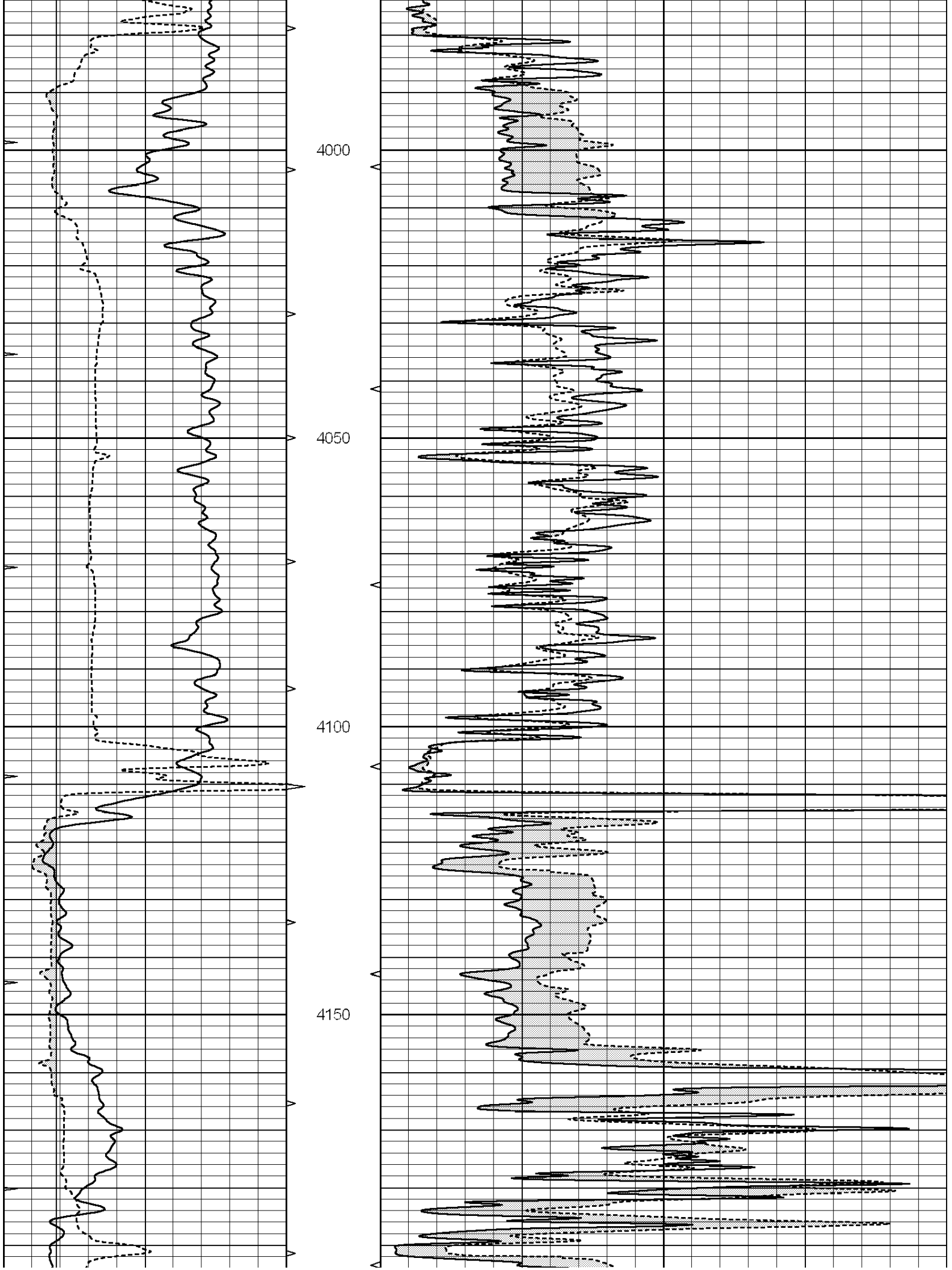
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Dataset Pathname: pass6.3
Presentation Format: micro
Dataset Creation: Tue Nov 25 07:43:55 2014
Charted by: Depth in Feet scaled 1:240

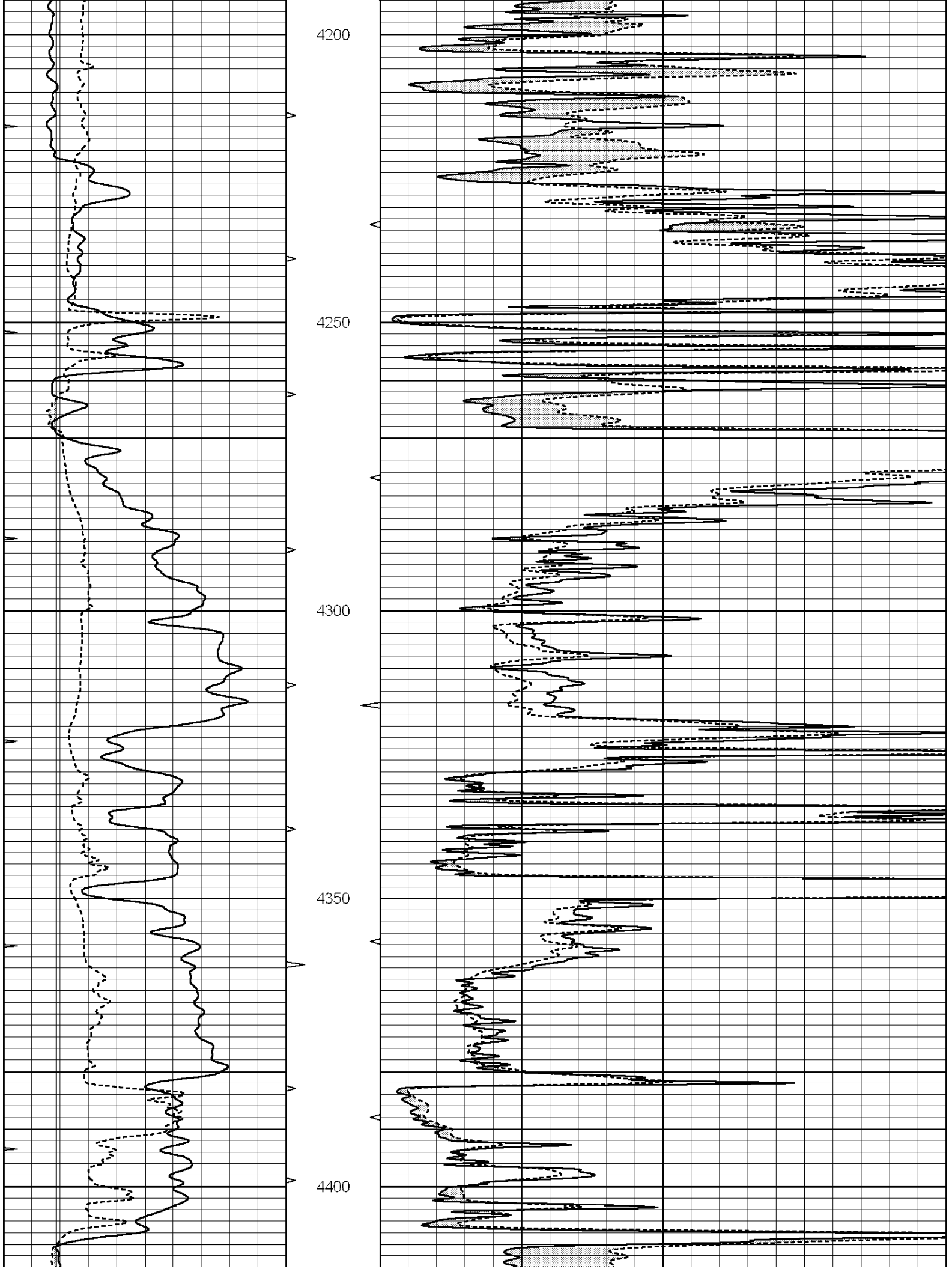
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6	CALIPER (in)	16
0	MINMK	20

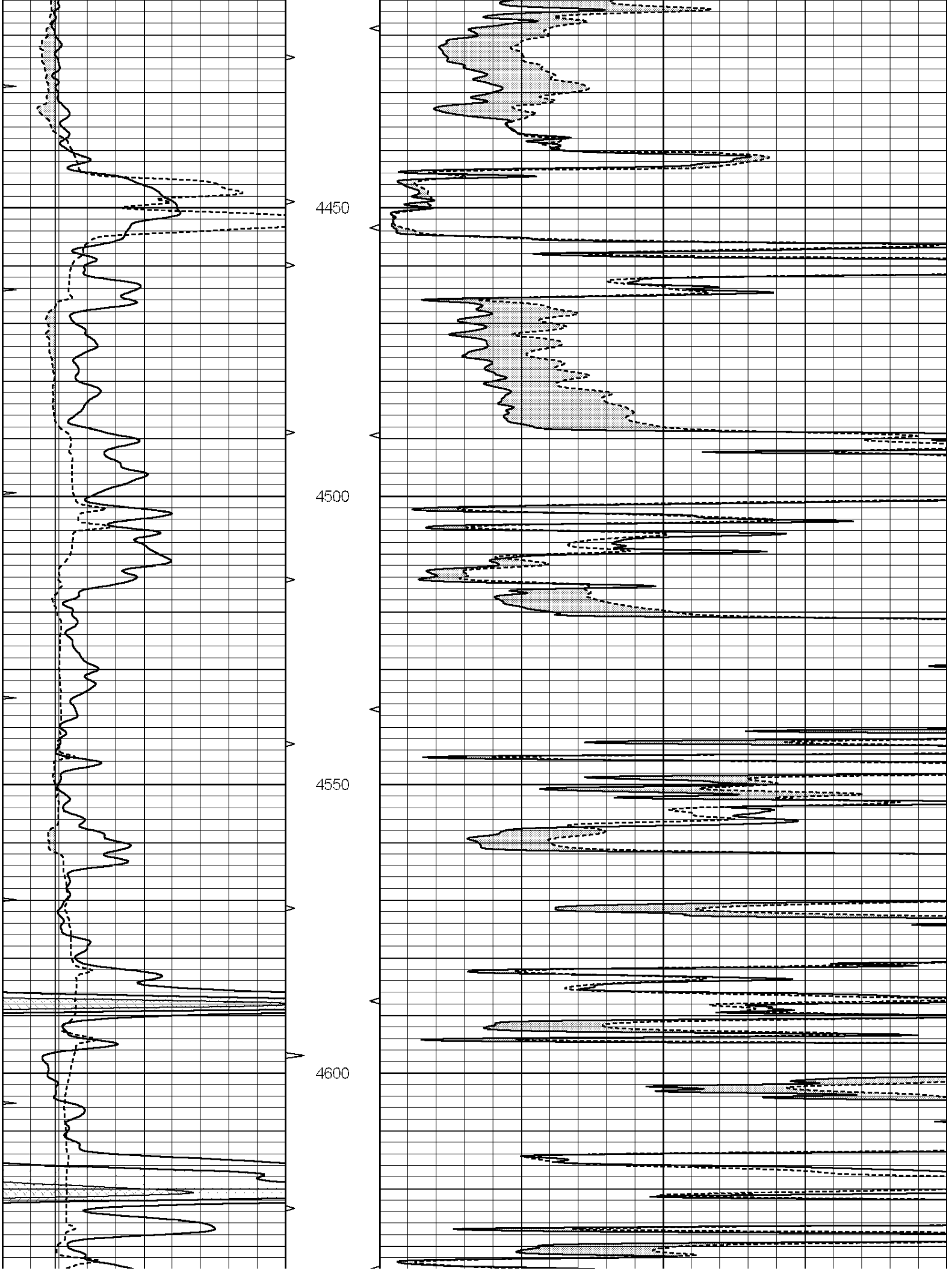
ABHV		
10	(ft3)	0
TBHV		
0	(ft3)	10

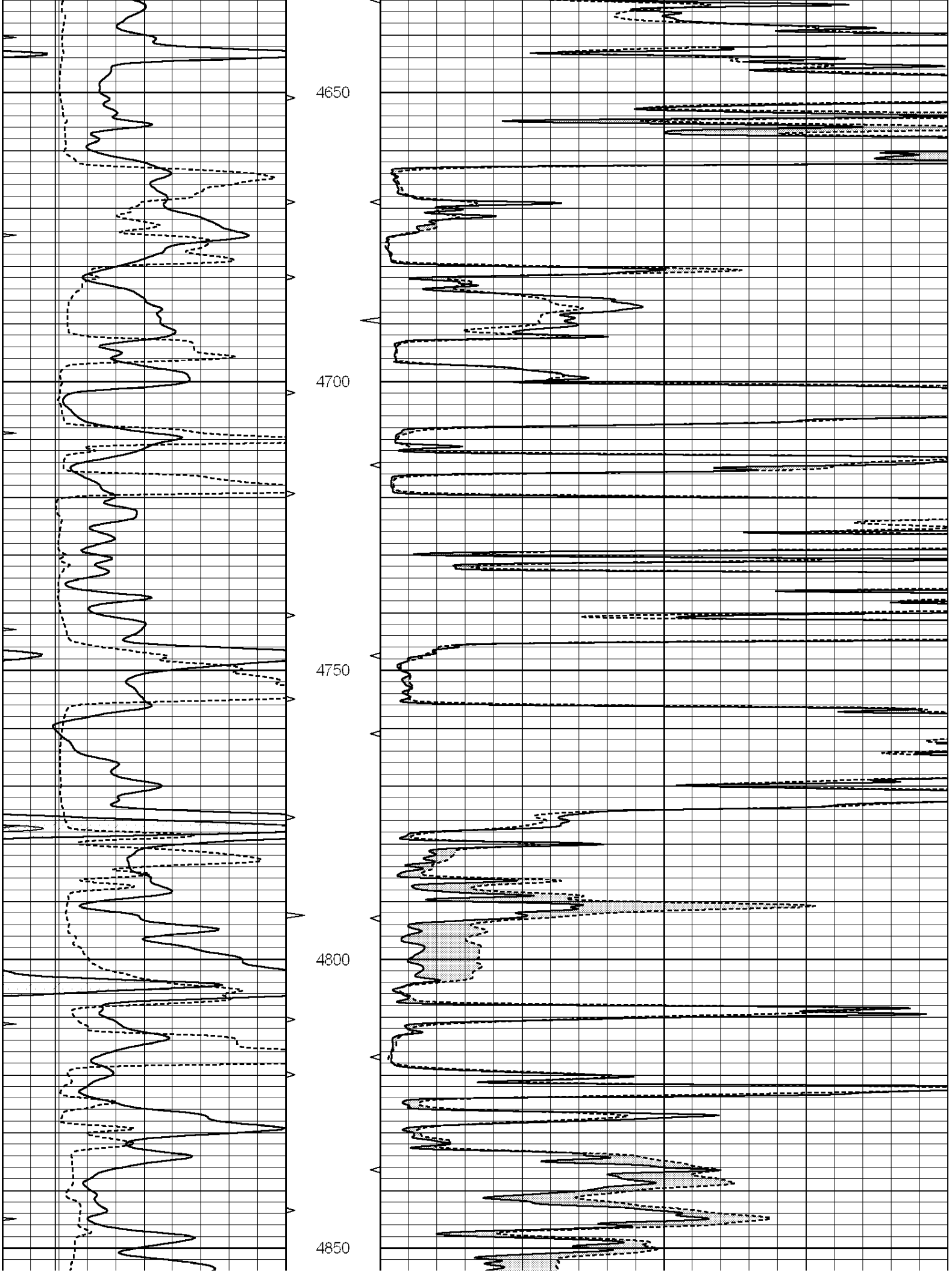
0	MEL1.5 (Ohm-m)	20
0	MEL 20 (Ohm-m)	20

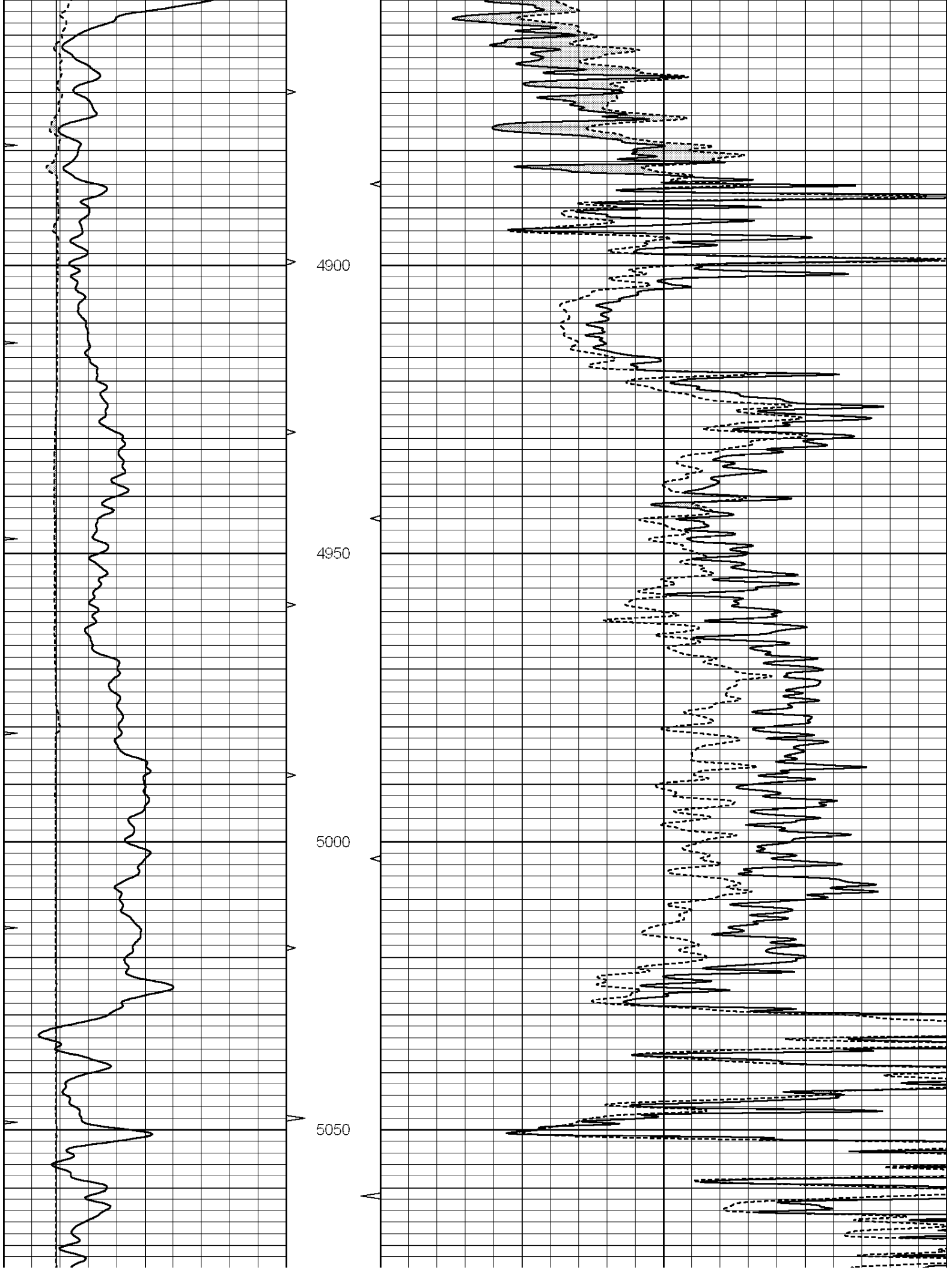


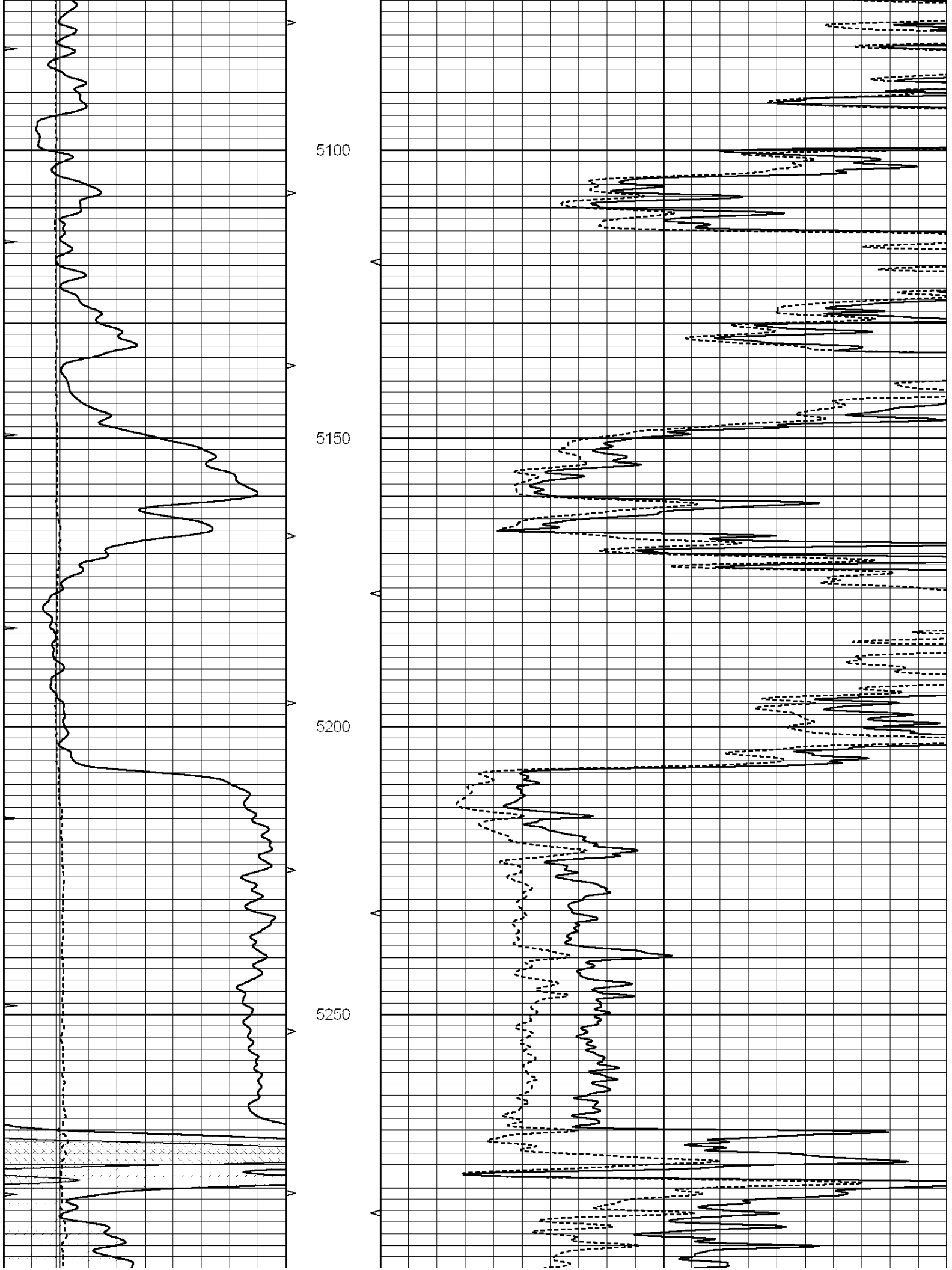

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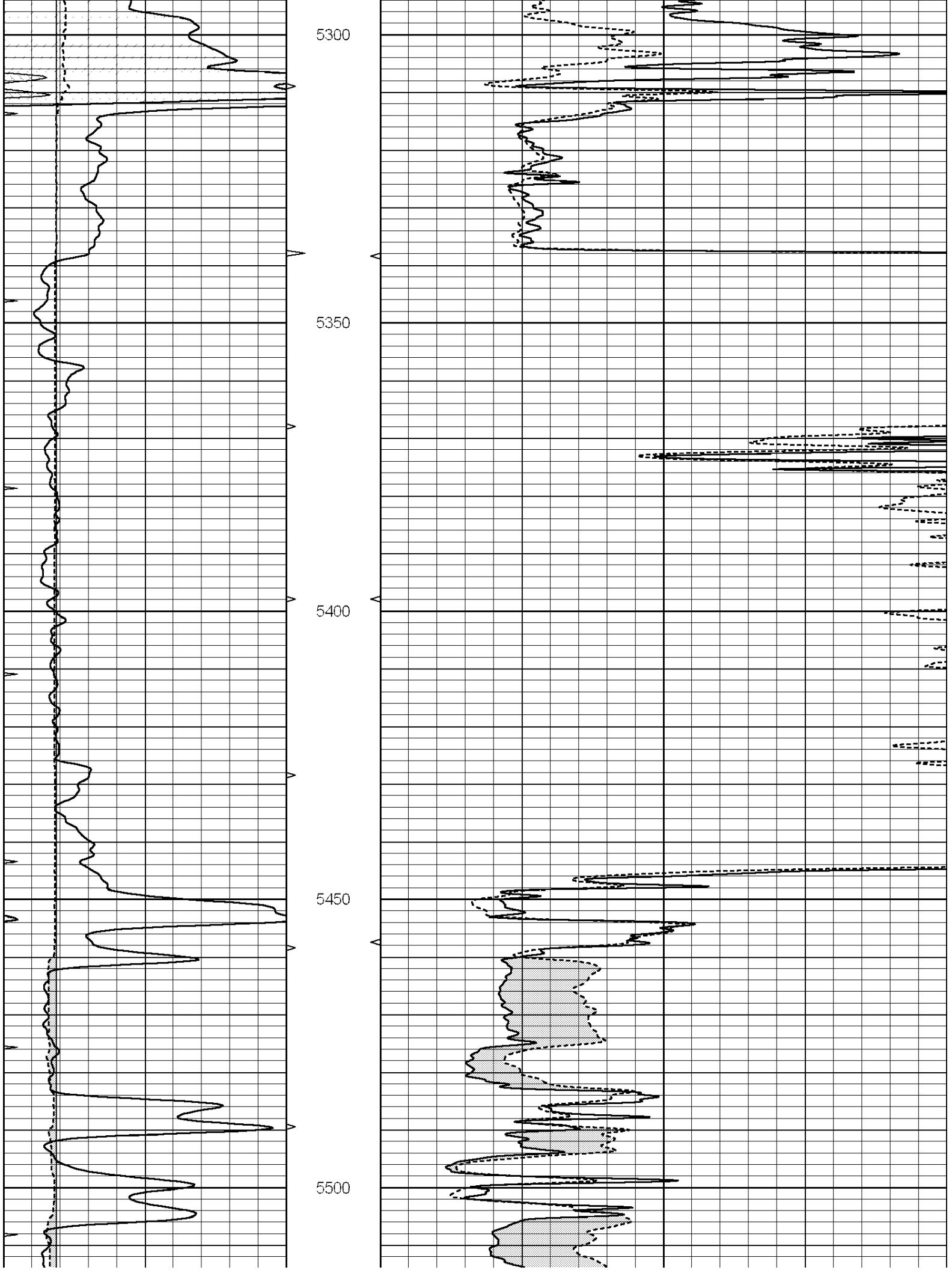

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4400

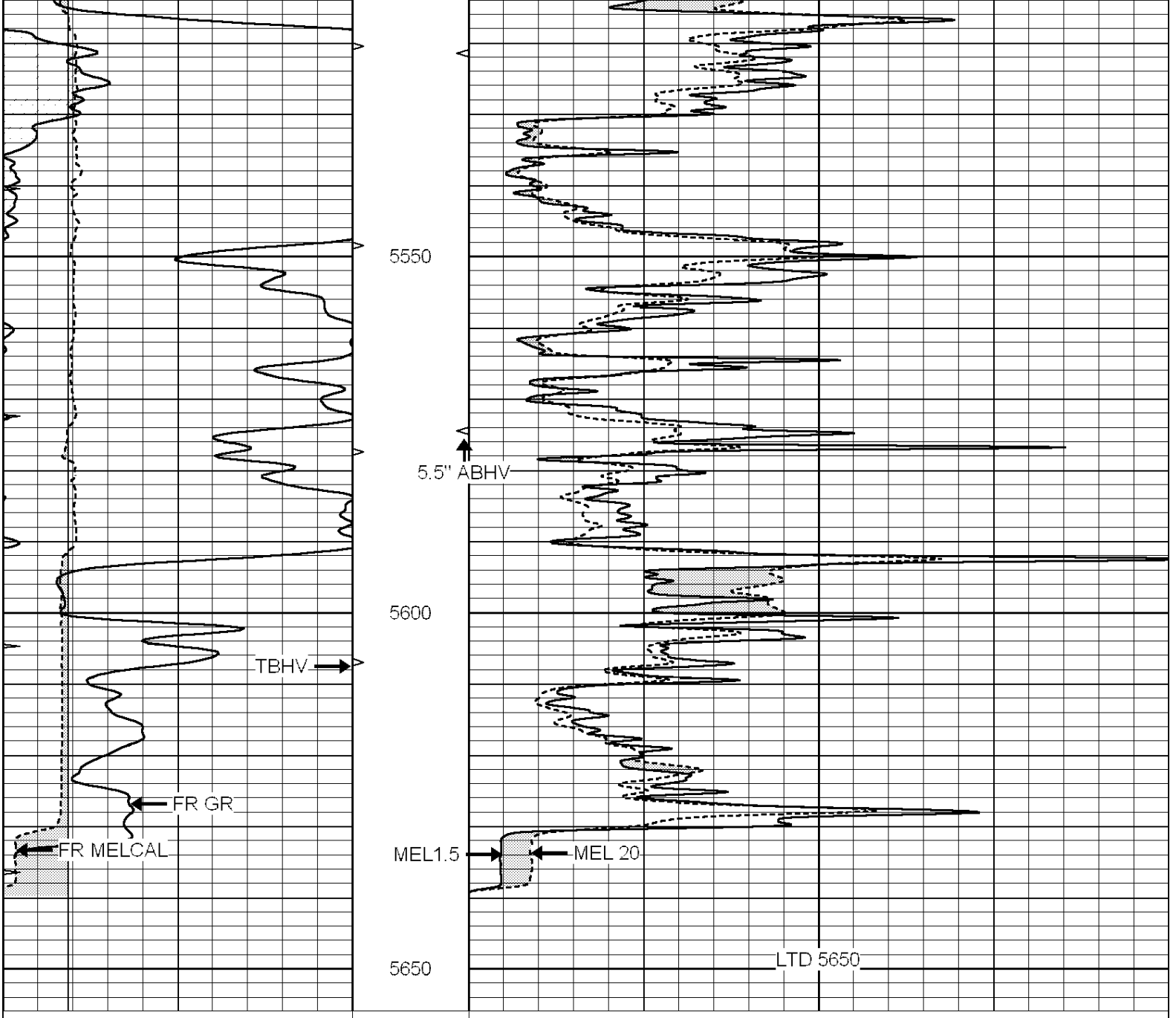

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4500
4550
4600


4650
4700
4750
4800
4850


4900
4950
5000
5050


5100
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5350
5400
5450
5500



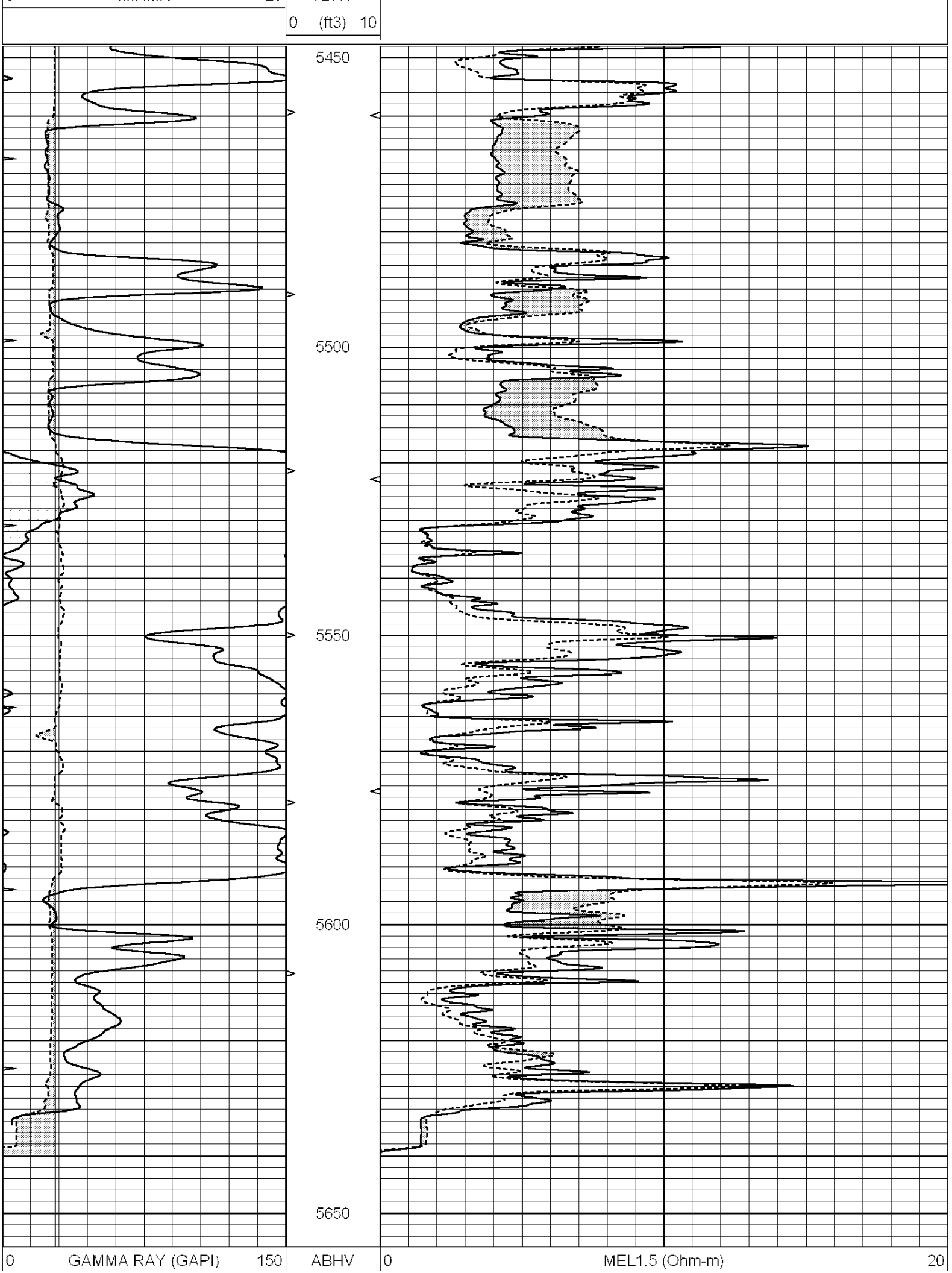
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m) 20
6	CALIPER (in)	16	10 (ft3) 0	0	MEL 20 (Ohm-m) 20
0	MINMK	20	TBHV		
			0 (ft3) 10		

NABORS
COMPLETION & PRODUCTION SERVICES CO.

REPEAT SECTION

Database File: 25918pe.db
Dataset Pathname: pass5.3
Presentation Format: micro
Dataset Creation: Tue Nov 25 07:34:25 2014 by Calc SOC 120430
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	0	MEL 20 (Ohm-m) 20
0	MINMK	20	TBHV		
			0 (ft3) 10		


0 (ft3) 10
5450
5500
5550
5600
5650
0 GAMMA RAY (GAPI) 150
ABHV
0 MEL1.5 (Ohm-m) 20

6	CALIPER (in)	16	10	(ft3)	0	0	MEL 20 (Ohm-m) 20
0	MINMK	20	TBHV				
			0	(ft3)	10		

Calibration Report

Database File: 25918pe.db
Dataset Pathname: pass6.3
Dataset Creation: Tue Nov 25 07:43:55 2014

MICRO Calibration Report

Serial Number:	070910	
Tool Model:	ProbeN	
Performed:	Fri Oct 31 07:44:46 2014	
Caliper Calibration:	Gain=4.092	Offset=1.651
	Low Cal	High Cal
References	8.000	15.000
Readings	1.552	3.263
1.5" Calibration:	Gain=24.000	Offset=0.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.000	1.216
2" Calibration:	Gain=56.000	Offset=-0.400
	Low Cal	High Cal
References	0.000	20.000
Readings	0.002	1.053

Gamma Ray Calibration Report

Serial Number:	110959	
Tool Model:	OPEN_GR	
Performed:	Thu Nov 20 07:28:06 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2000	GAPI/cps