NABORS COMPLETION & PRODUCTION SERVICES CO.

SONIC 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/MEL/FF

Permanent Datum: GROUND LEVEL Elevation 1491

Log Measured From: KELLY BUSHING 13' A.G.L.

Drilling Measured From: KELLY BUSHING

Elevation: K.B. 1504, D.F. 1502, G.L. 1491

Date	11/24/14		
Run Number	TWO		
Depth Driller	5650		
Depth Logger	5650		
Bottom Logged Interval	5642		
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

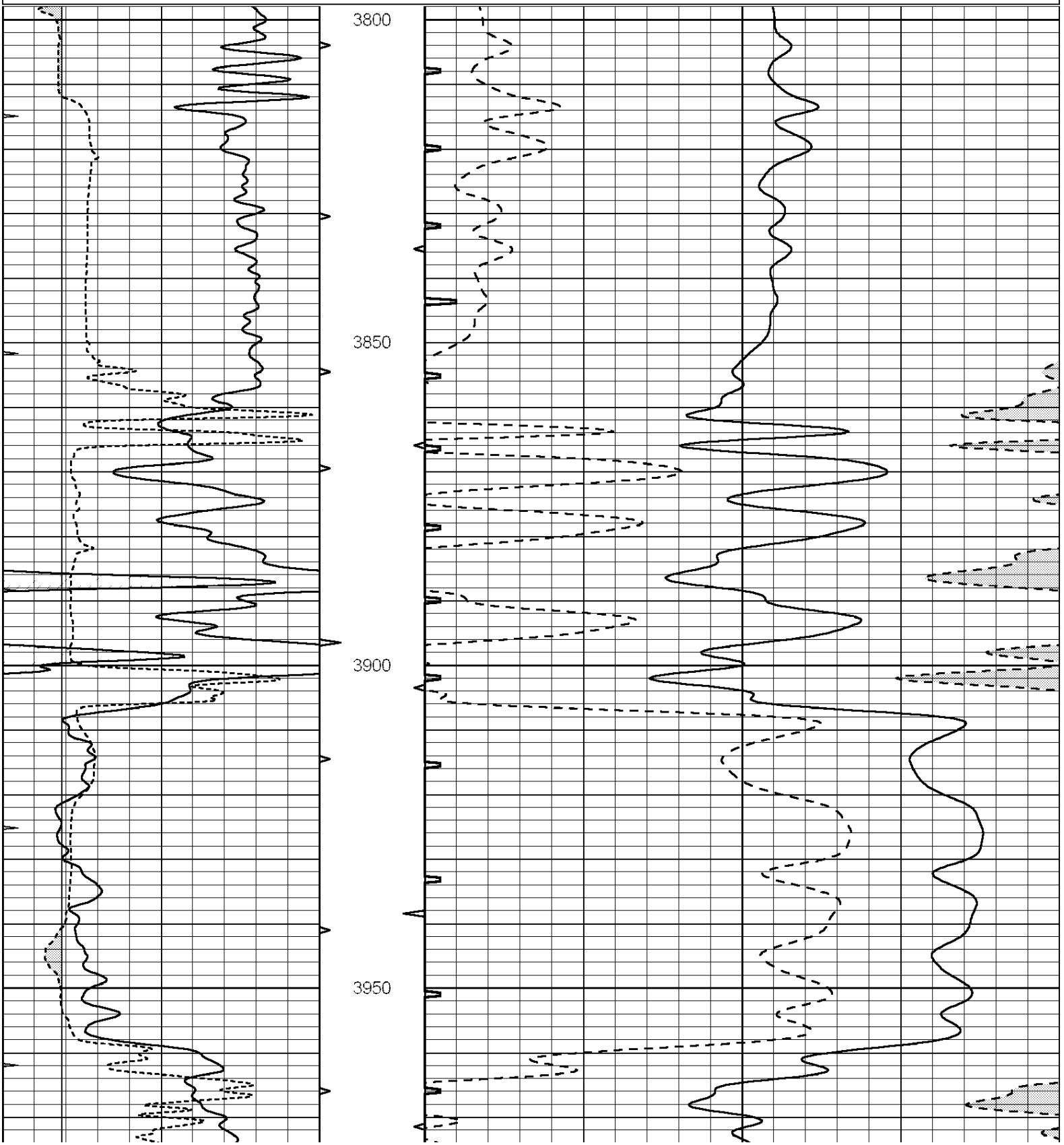
NABORS COMPLETION & PRODUCTION SERVICES CO.

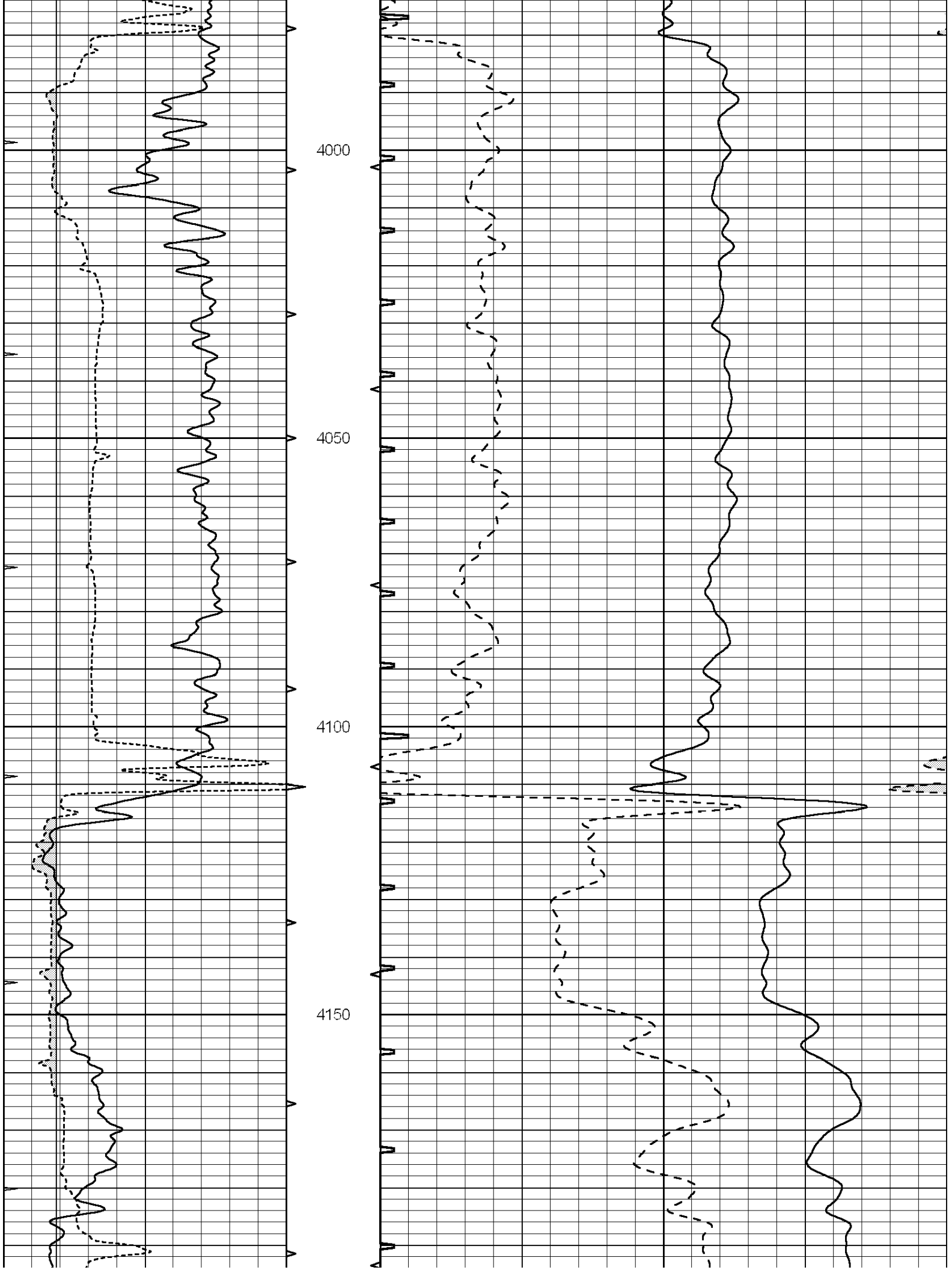
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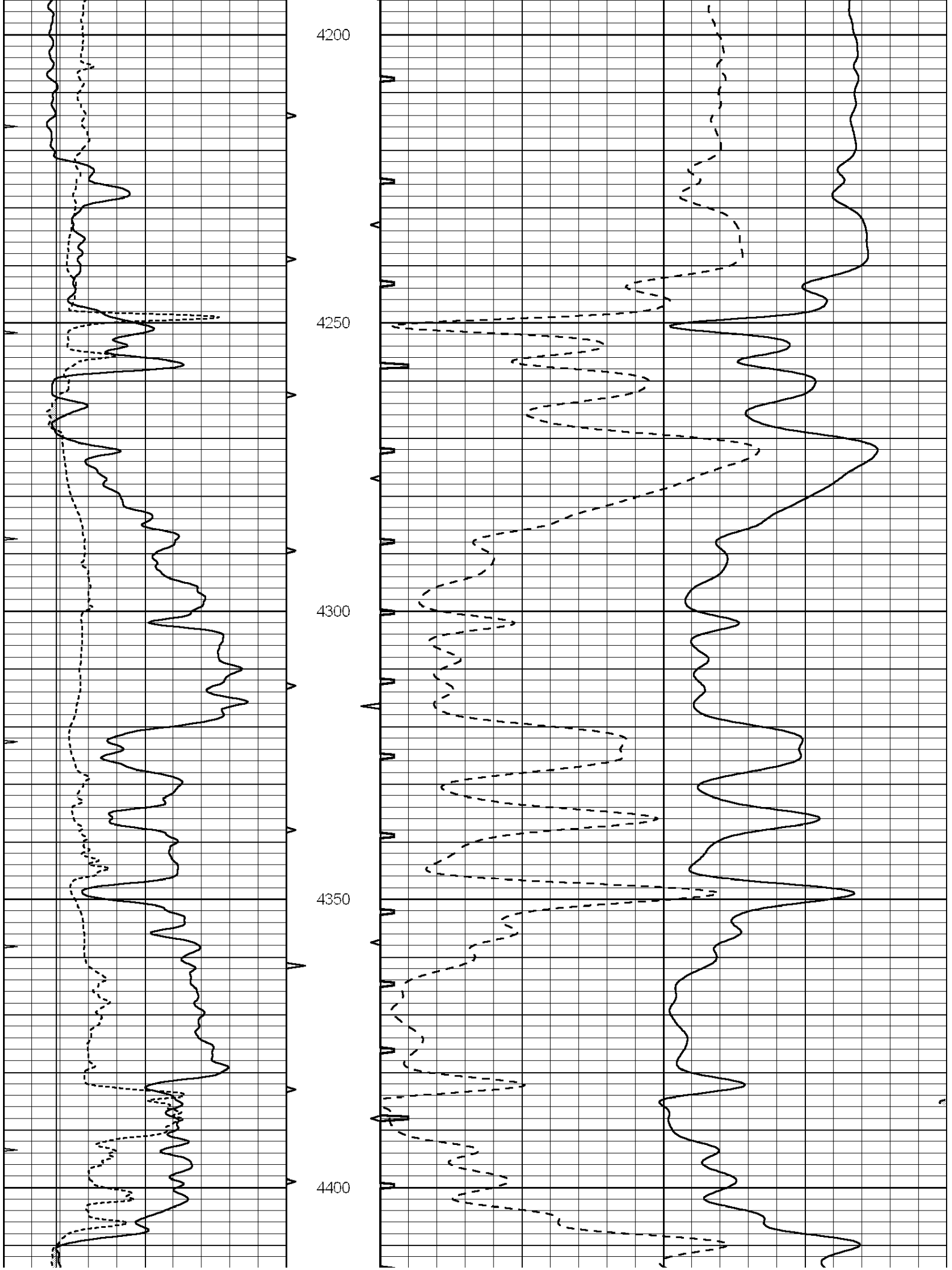
SERVICES CO.

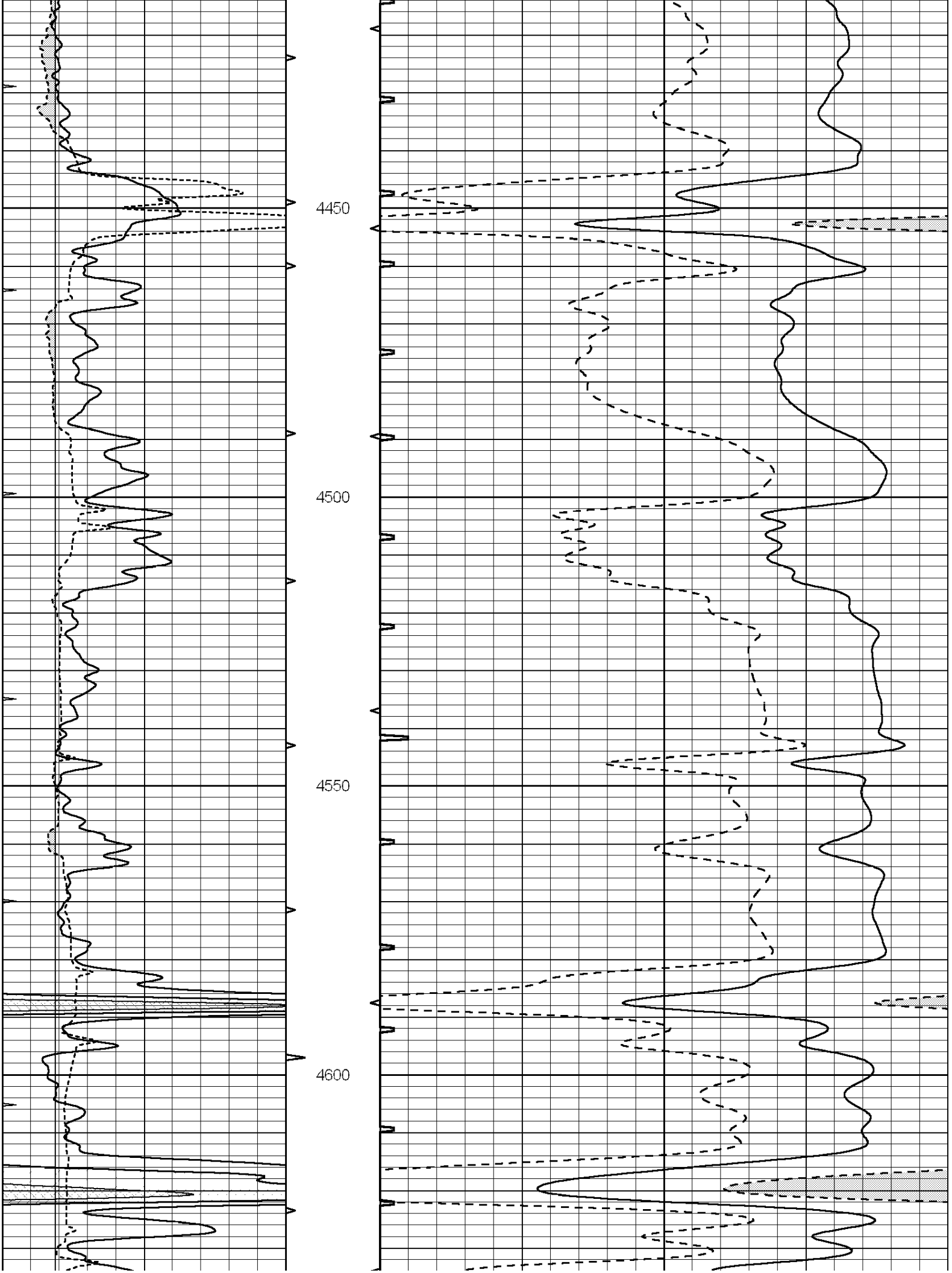
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Charted by: Depth in Feet scaled 1:240

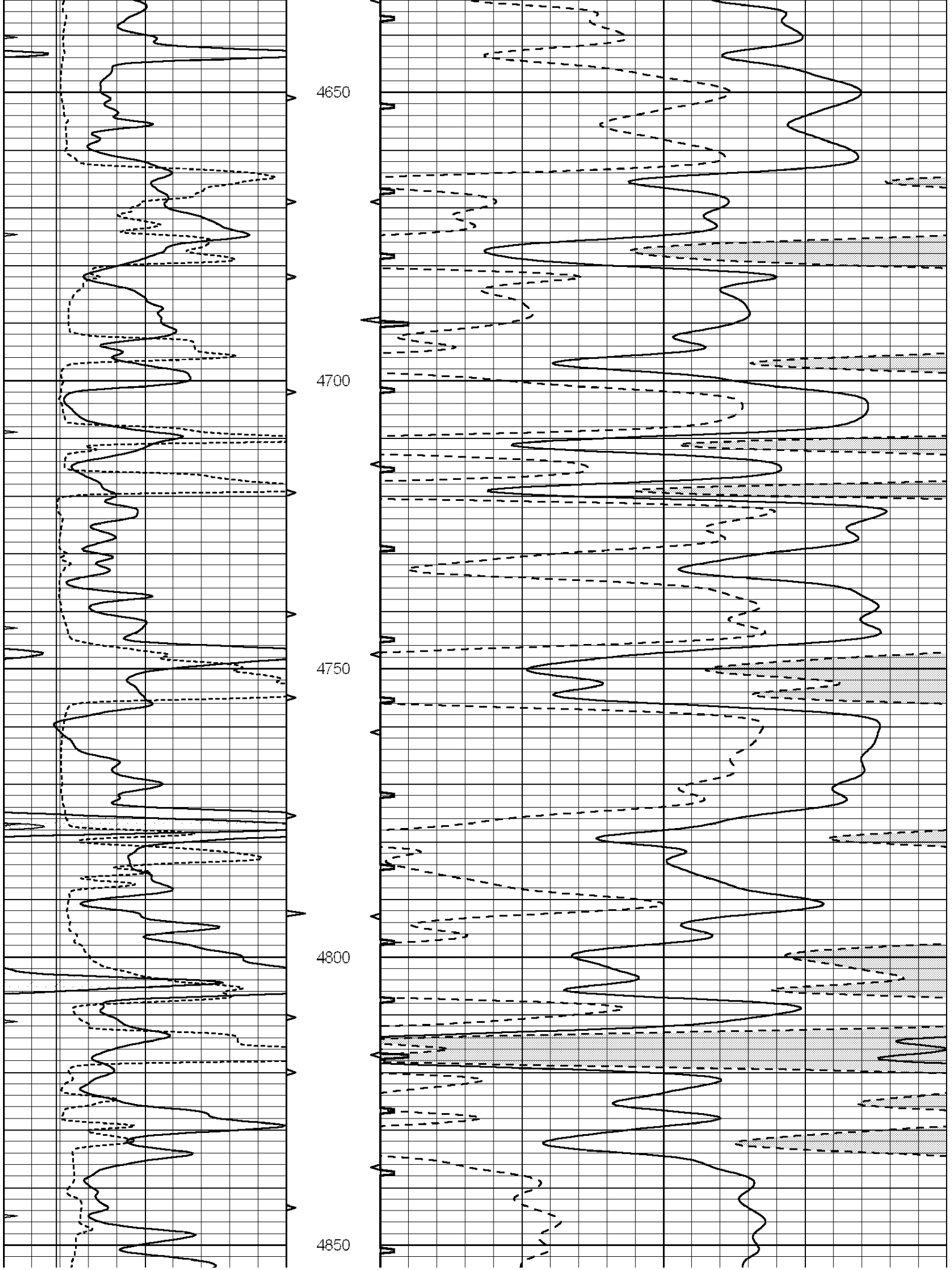
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6 CALIPER (in) 16	10 (ft3) 0	30 SONIC POROSITY (pu) -10
0 MINMK 20	TBHV	0 ITT (msec) 20
	0 (ft3) 10	

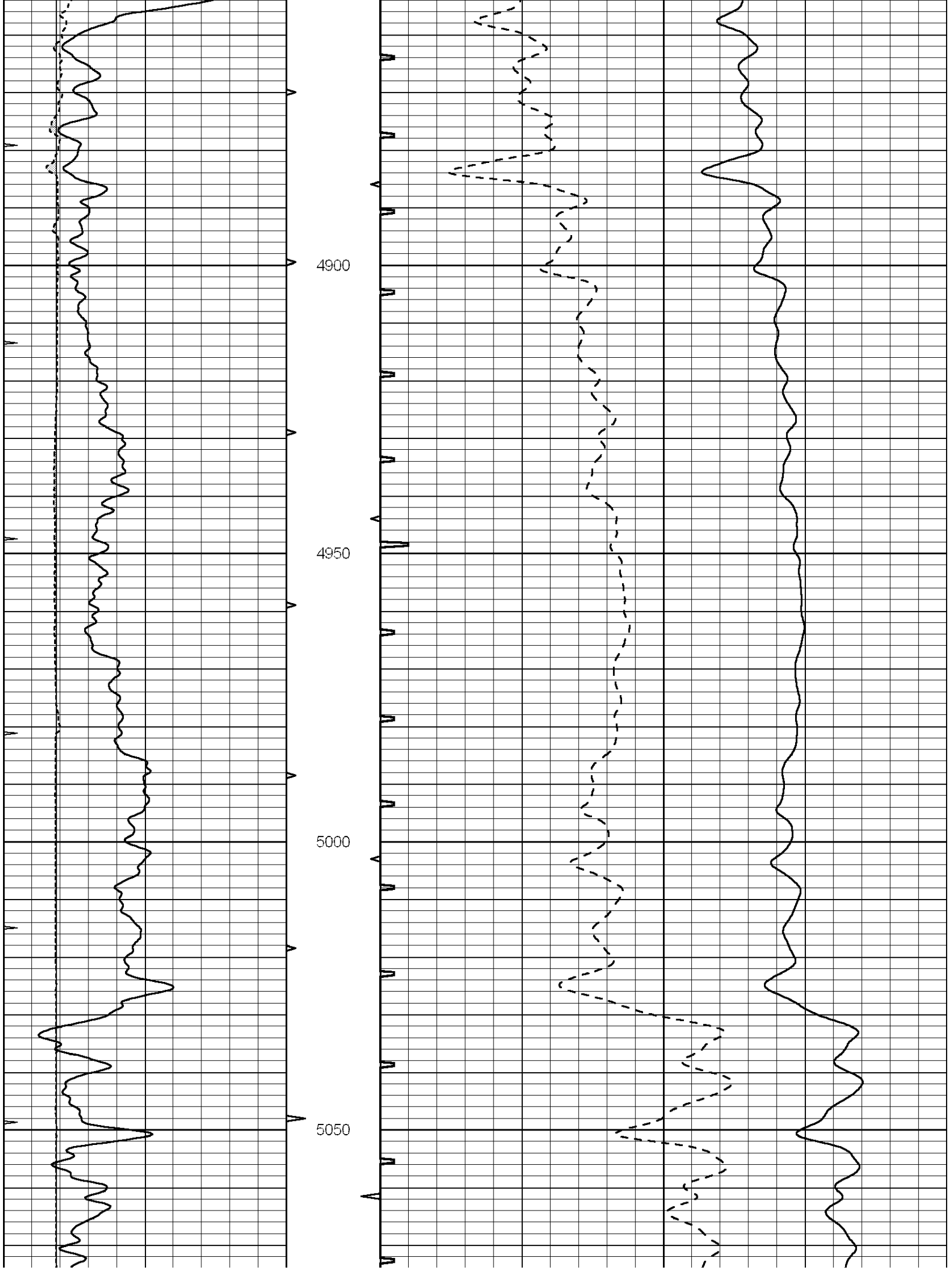


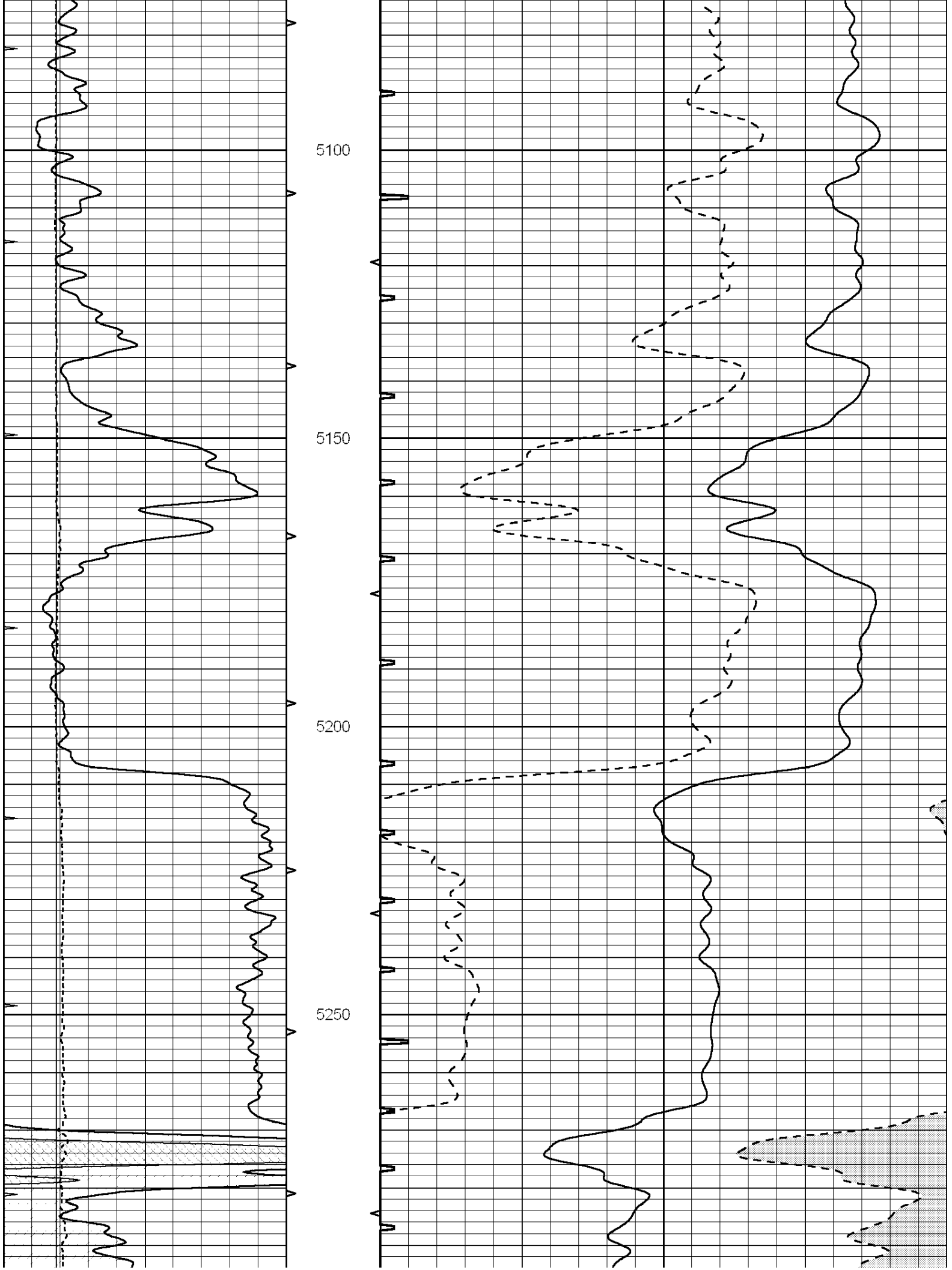

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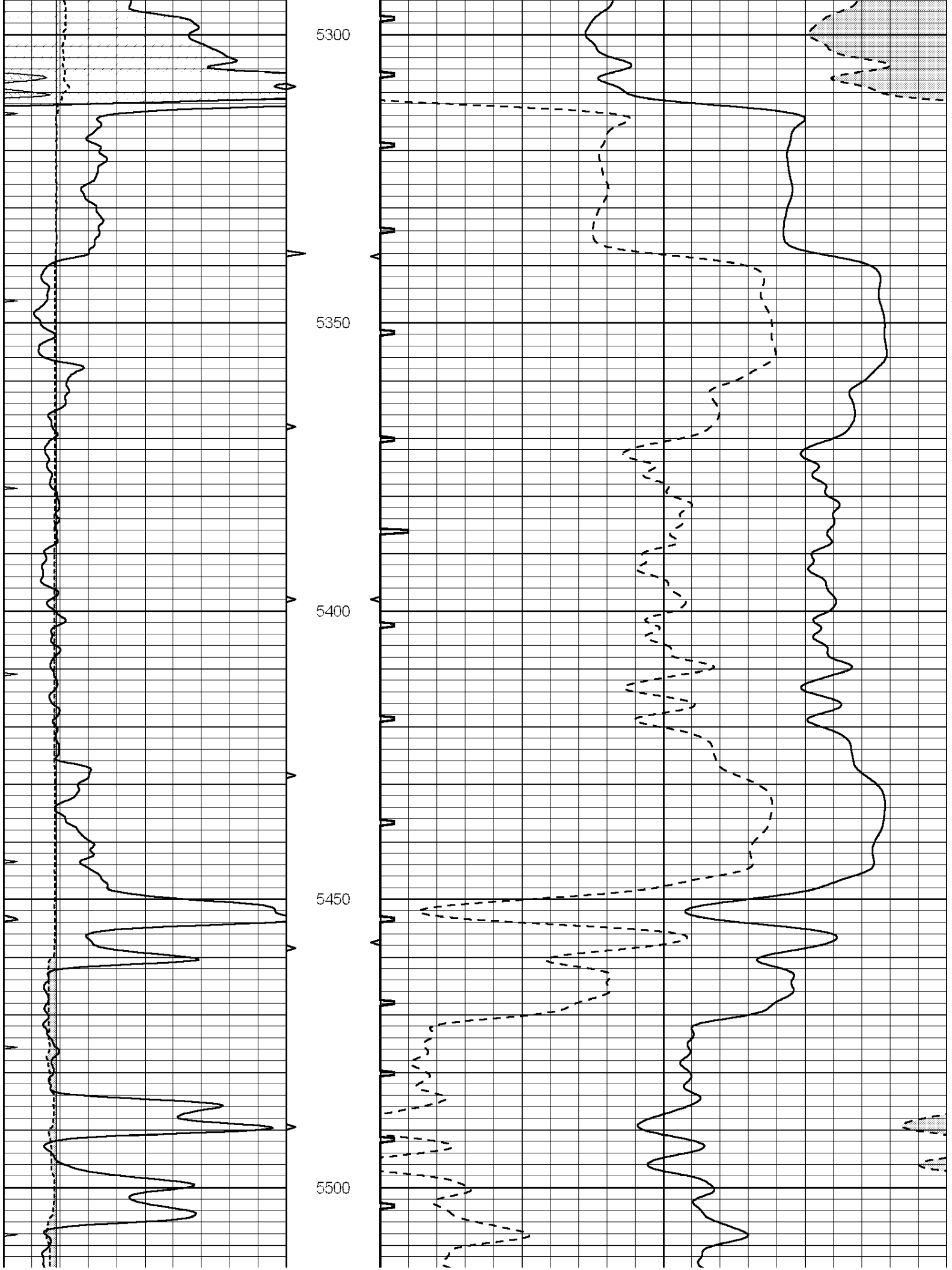

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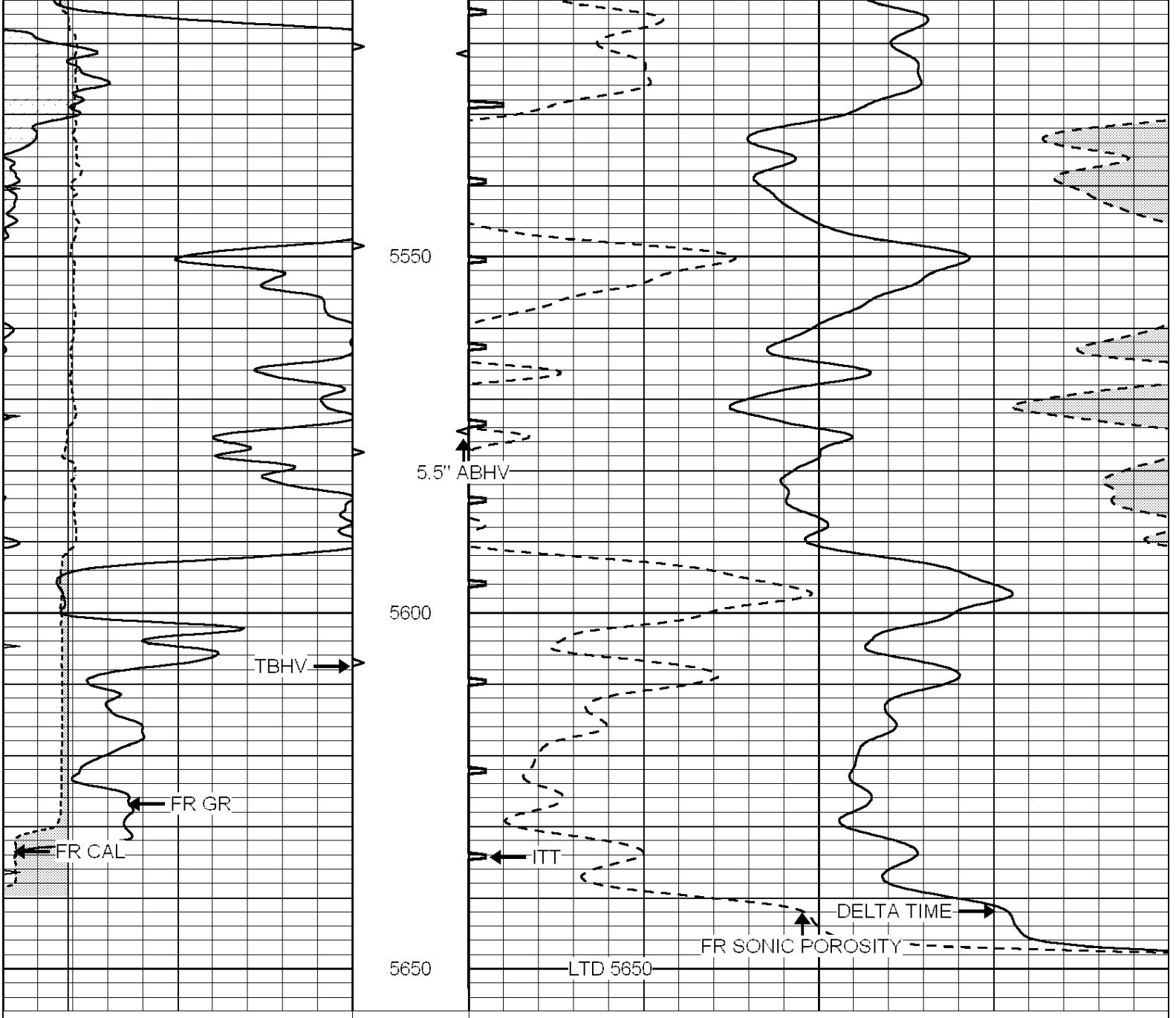

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5450
5500



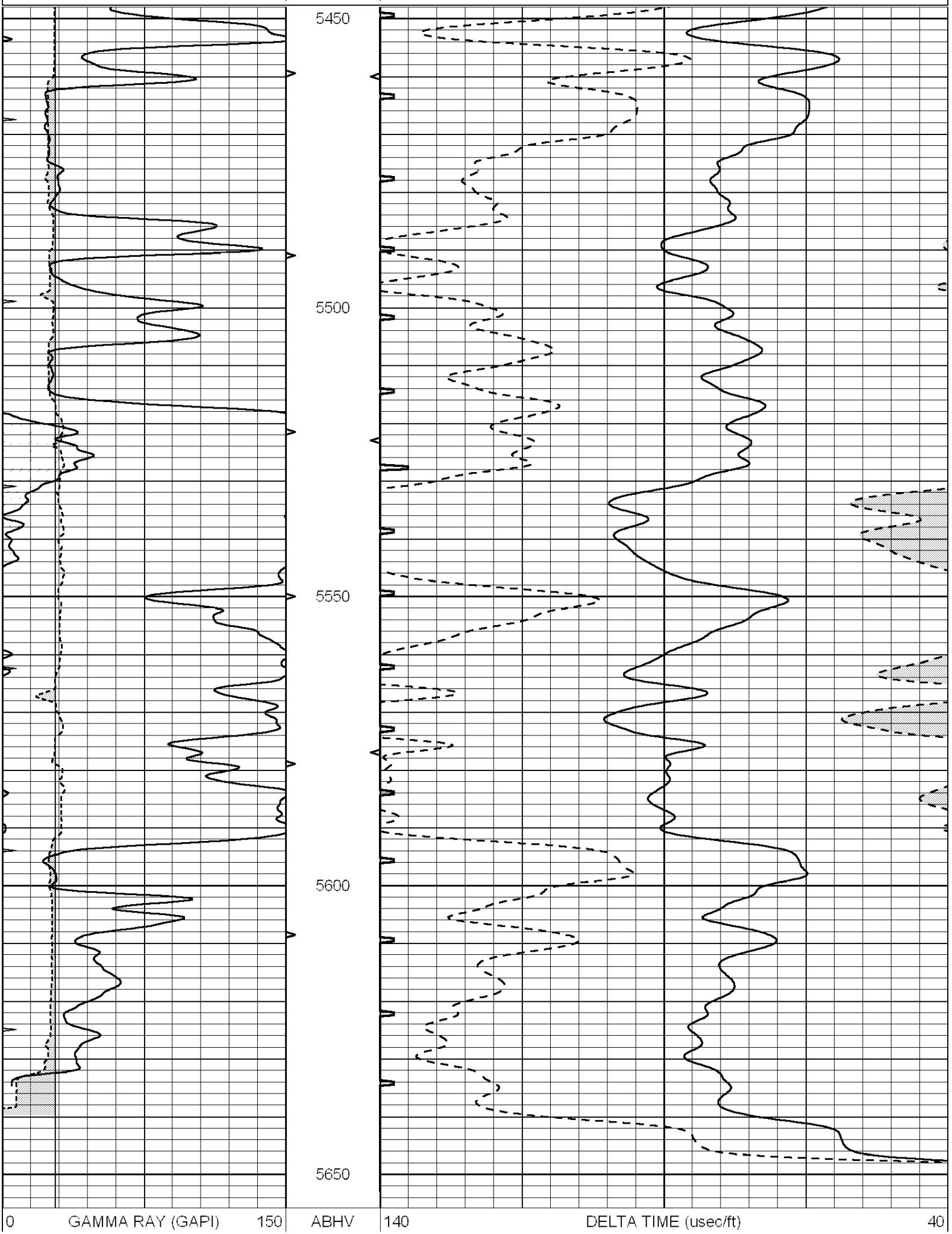
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0	MINMK 20	TBHV	0	ITT (msec) 20	
		0 (ft3) 10			

NABORS
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REPEAT SECTION

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Presentation Format: slt
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Charted by: Depth in Feet scaled 1:240

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0	MINMK 20	TBHV	0	ITT (msec) 20	
		0 (ft3) 10			


0 (ft3) 10
5450
5500
5550
5600
5650
0 GAMMA RAY (GAPI) 150
ABHV
140 DELTA TIME (usec/ft) 40

6	CALIPER (in)	16	10 (ft3) 0		30	SONIC POROSITY (pu)		-10
0	MINMK	20	TBHV		0	ITT (msec)	20	
			0 (ft3) 10					