

SONIC LOG

Company CHARTER ENERGY, INC.

Well TRUMP #1

Field

County BARTON

State KANSAS

Location: API #: 15-009-26242-0000

2275' FSL & 1932' FEL
SW - NE - NW - SE

SEC 1 TWP 20S RGE 14W

Permanent Datum GROUND LEVEL Elevation 1868
Log Measured From KELLY BUSHING 5' A.G.L
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
DIL/MEL

Elevation

K.B. 1873
D.F. 1871
G.L. 1868

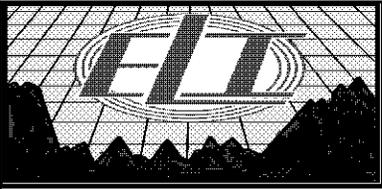
Date	12/15/18
Run Number	TWO
Depth Driller	3600
Depth Logger	3602
Bottom Logged Interval	3592
Top Log Interval	800
Casing Driller	8 5/8" @ 8'10"
Casing Logger	808'
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	8.7/56
PH / Fluid Loss	9.0/7.6
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.45 @ 55F
Rmt @ Meas. Temp	.33 @ 55F
Rmc @ Meas. Temp	.54 @ 55F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.22 @ 112F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	////
Maximum Recorded Temperature	112F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	JASON CAPPELLUCCI
Witnessed By	JIM MUSGROVE

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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

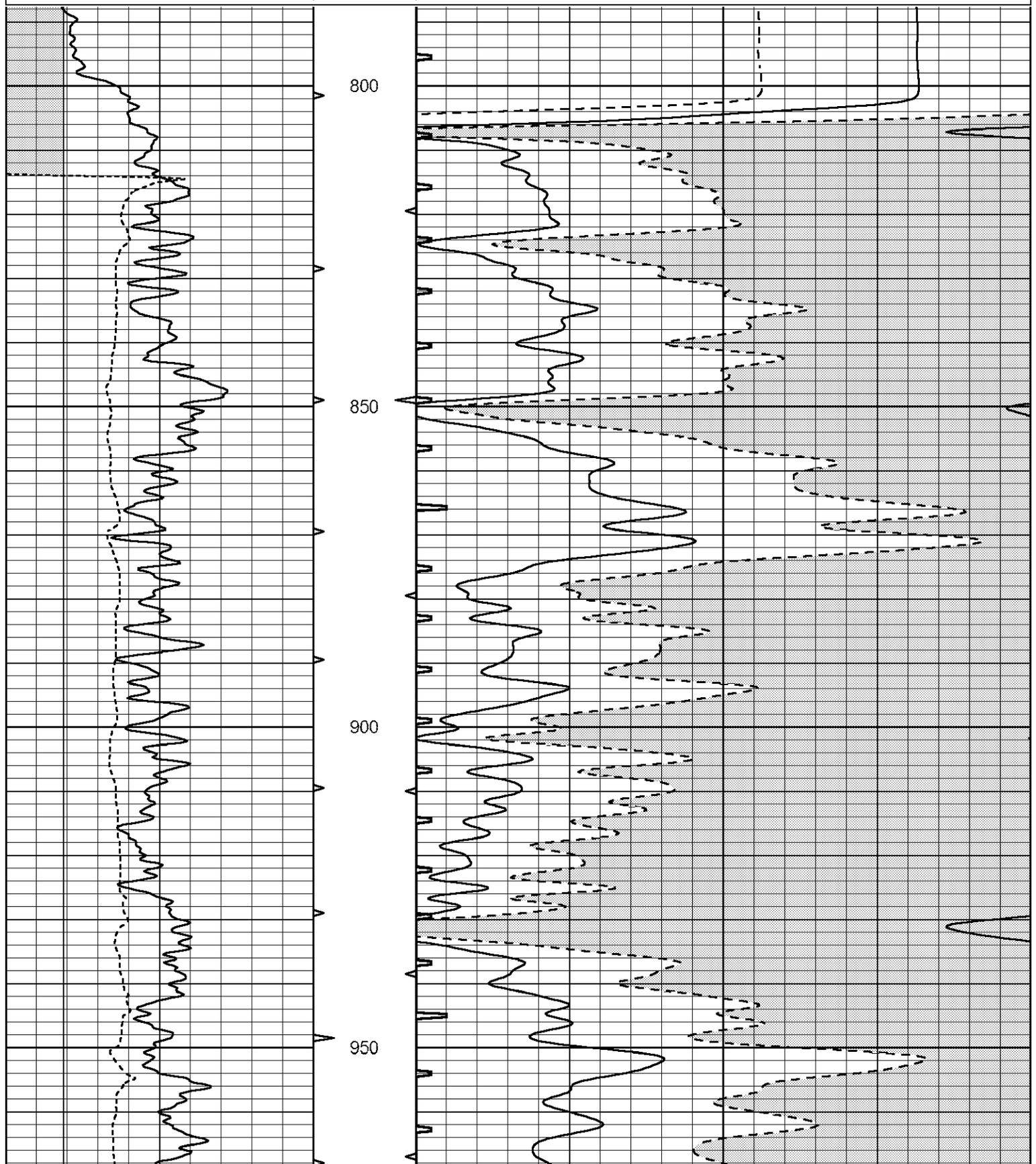
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
GREAT BEND, KS. - 1 MILE SOUTHWEST ON HWY 156 TO RD. 30 - SOUTH PAST
FENCE - EAST INTO

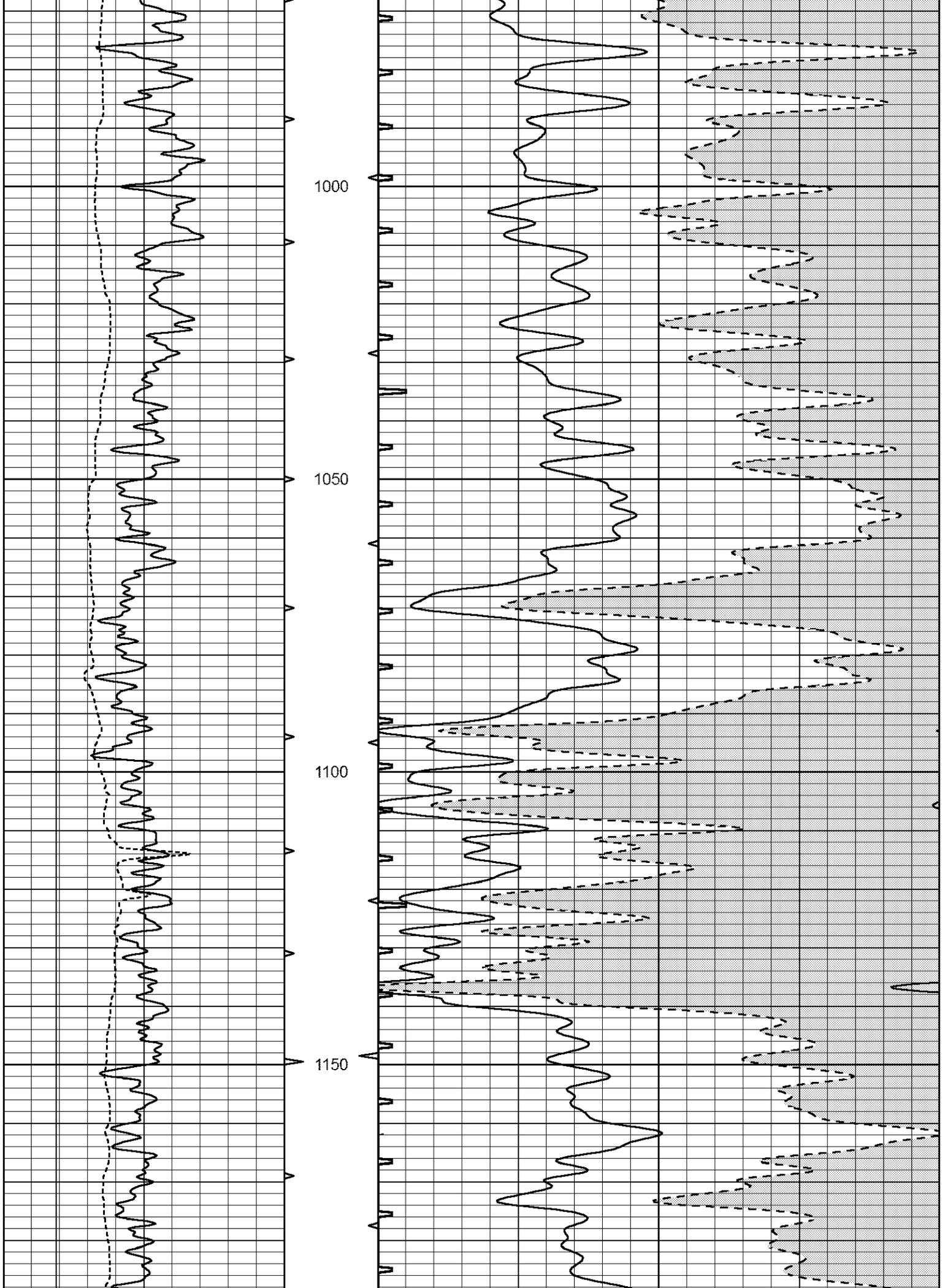


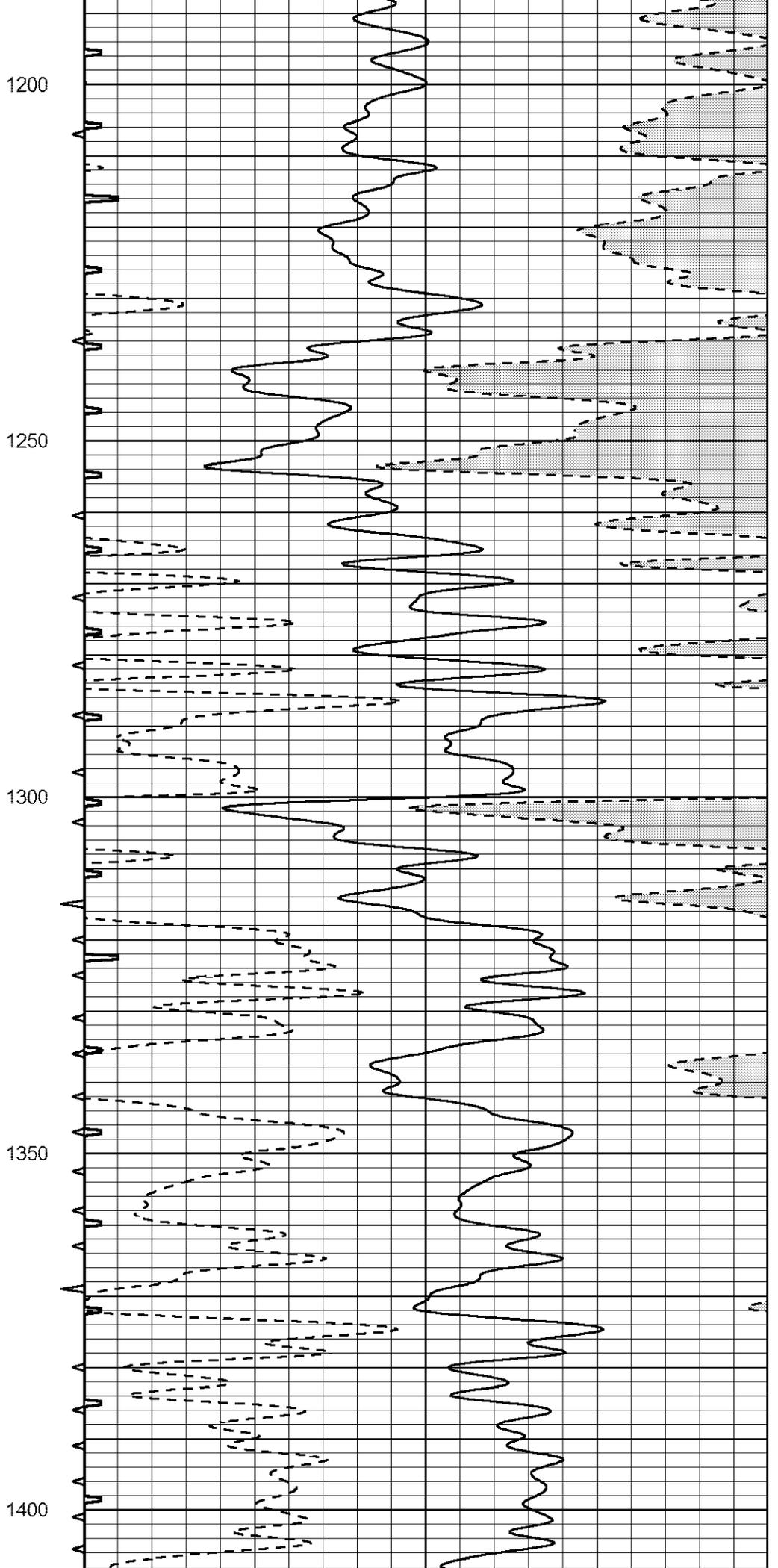
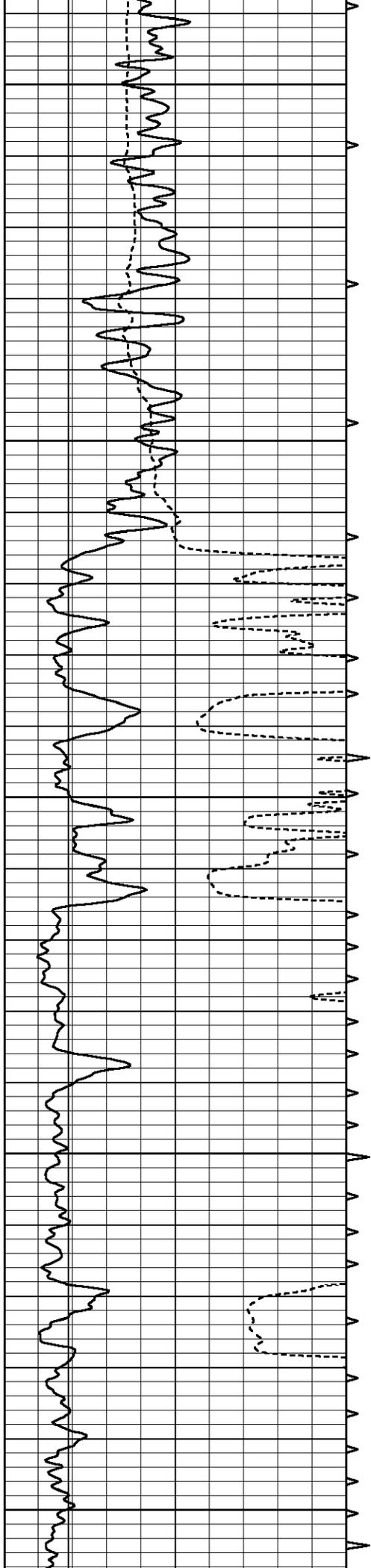
MAIN SECTION

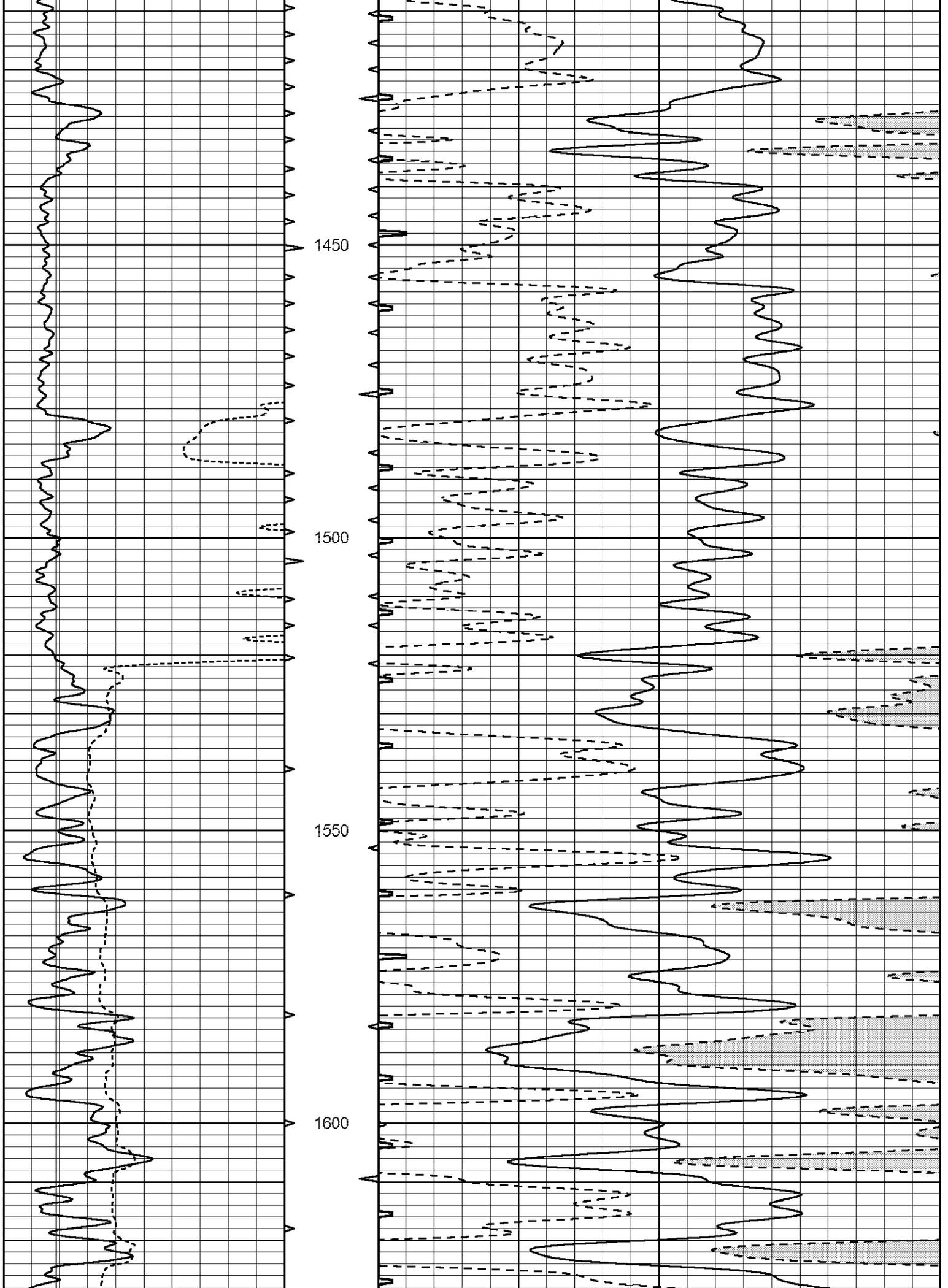
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 Presentation Format _slt
 Dataset Creation Sat Dec 15 07:11:33 2018
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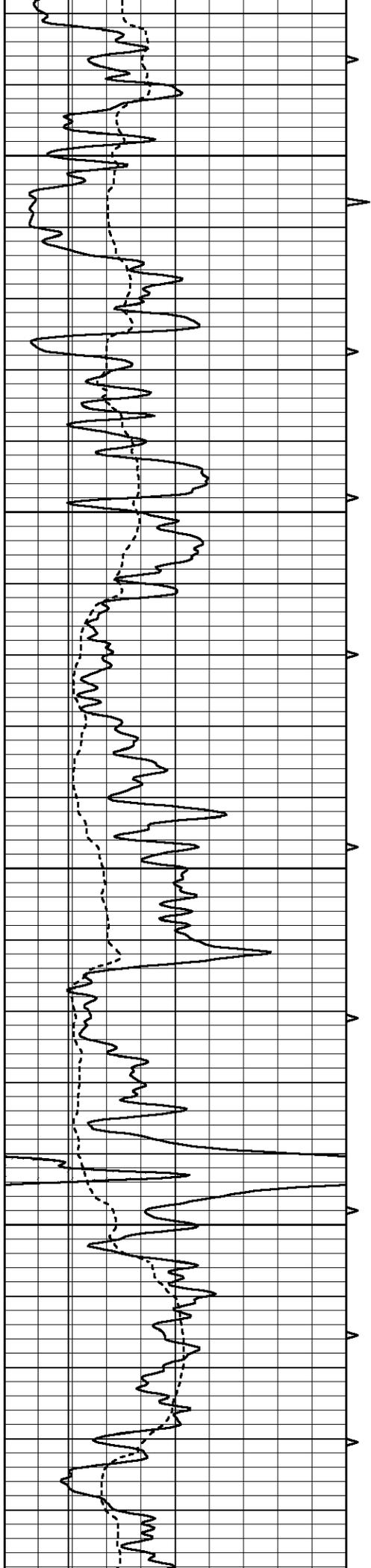
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6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20	
			0 (ft3)	10			









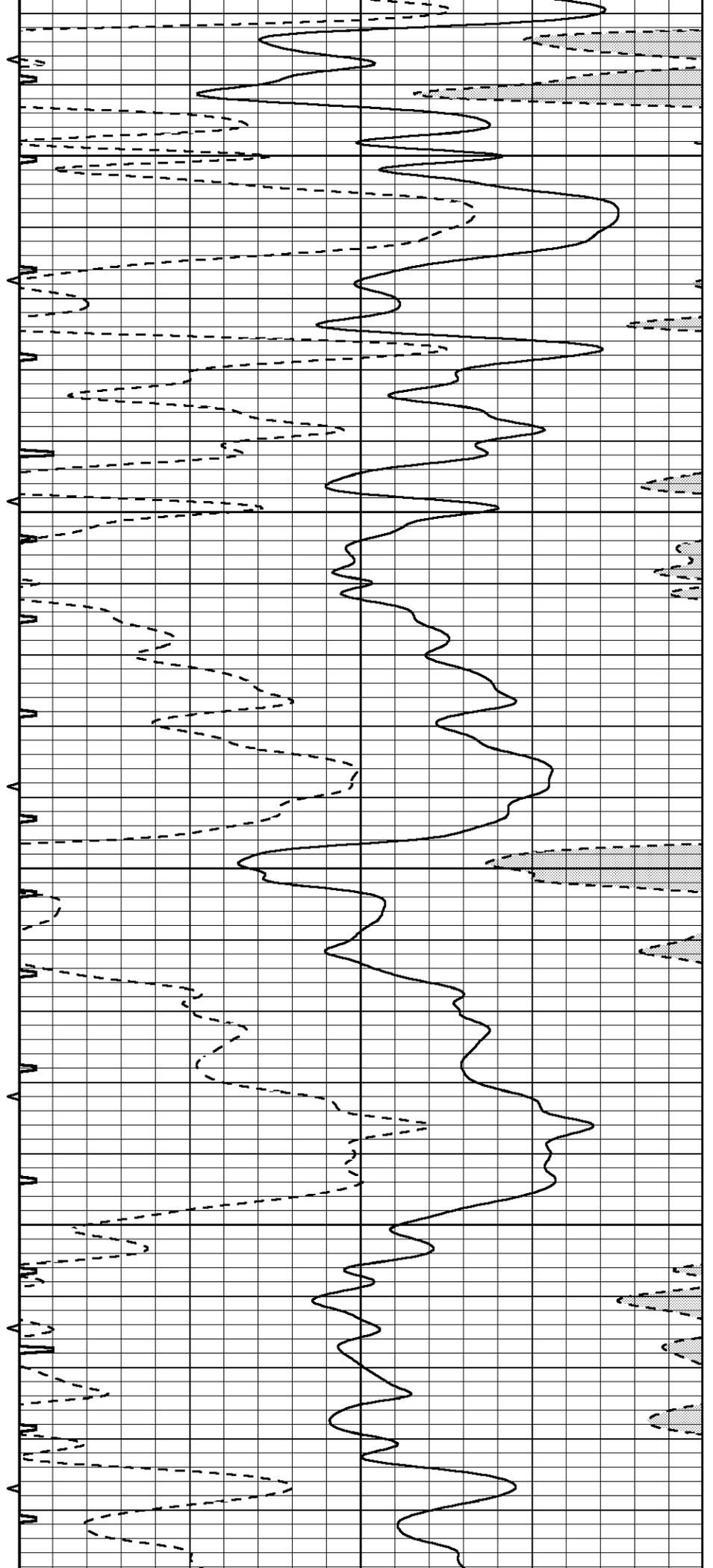


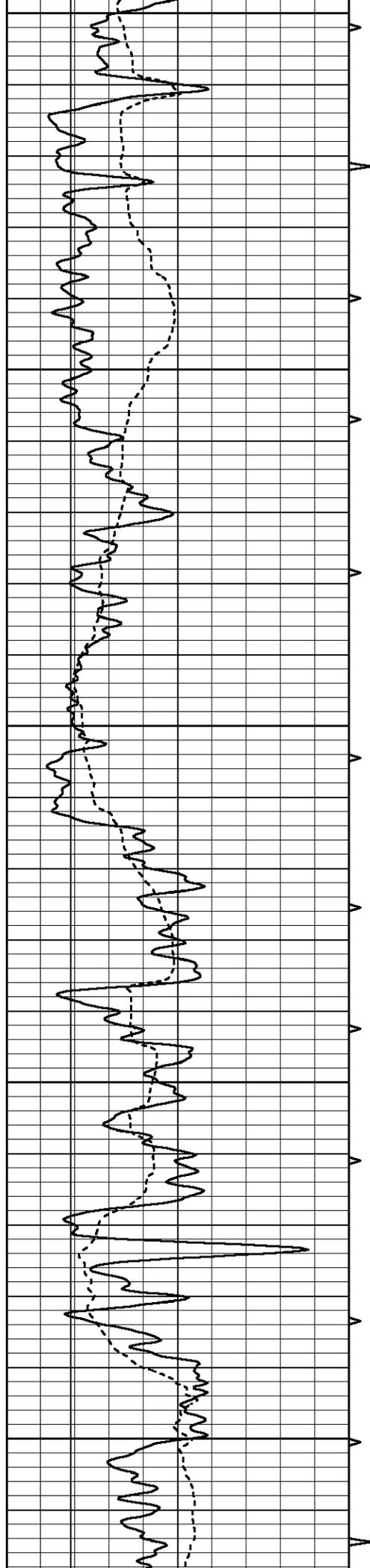
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1700

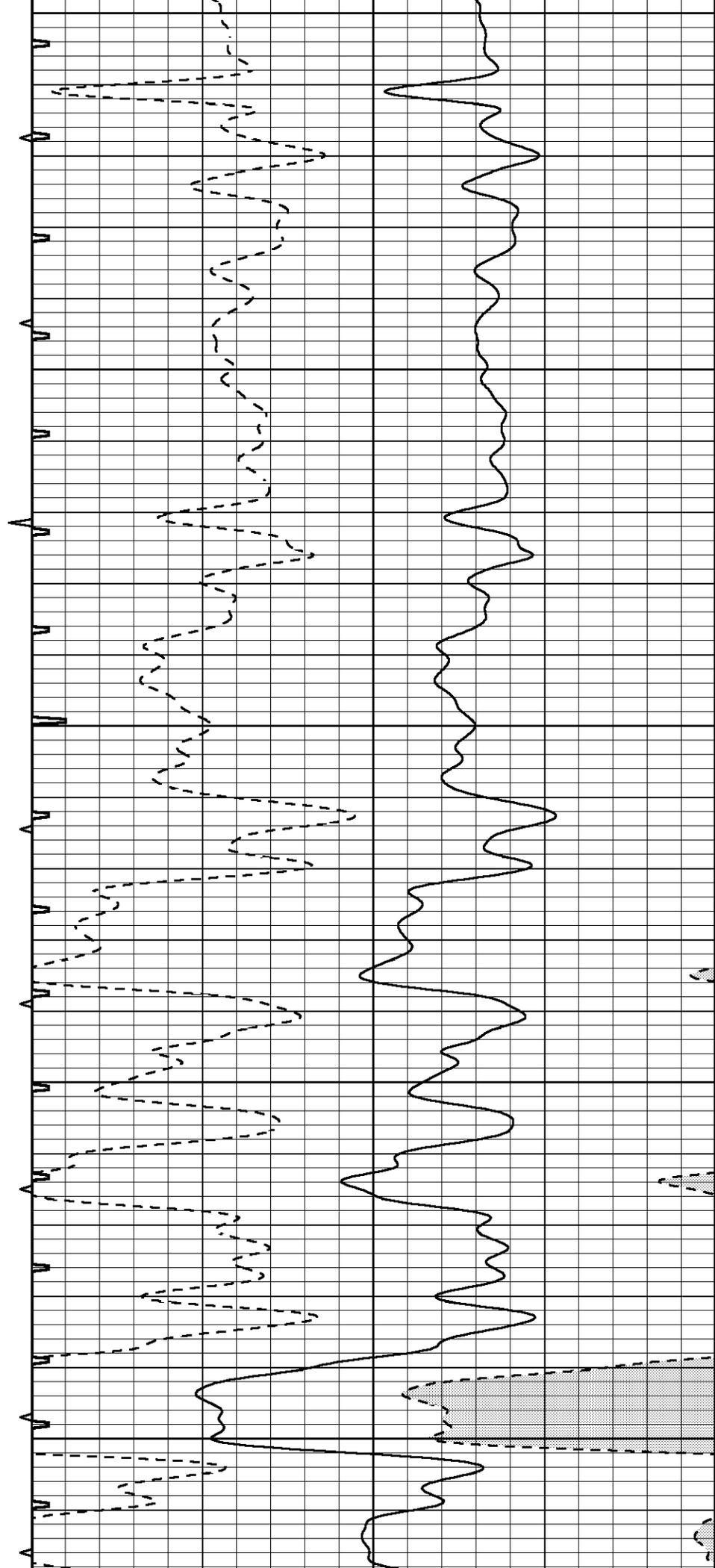
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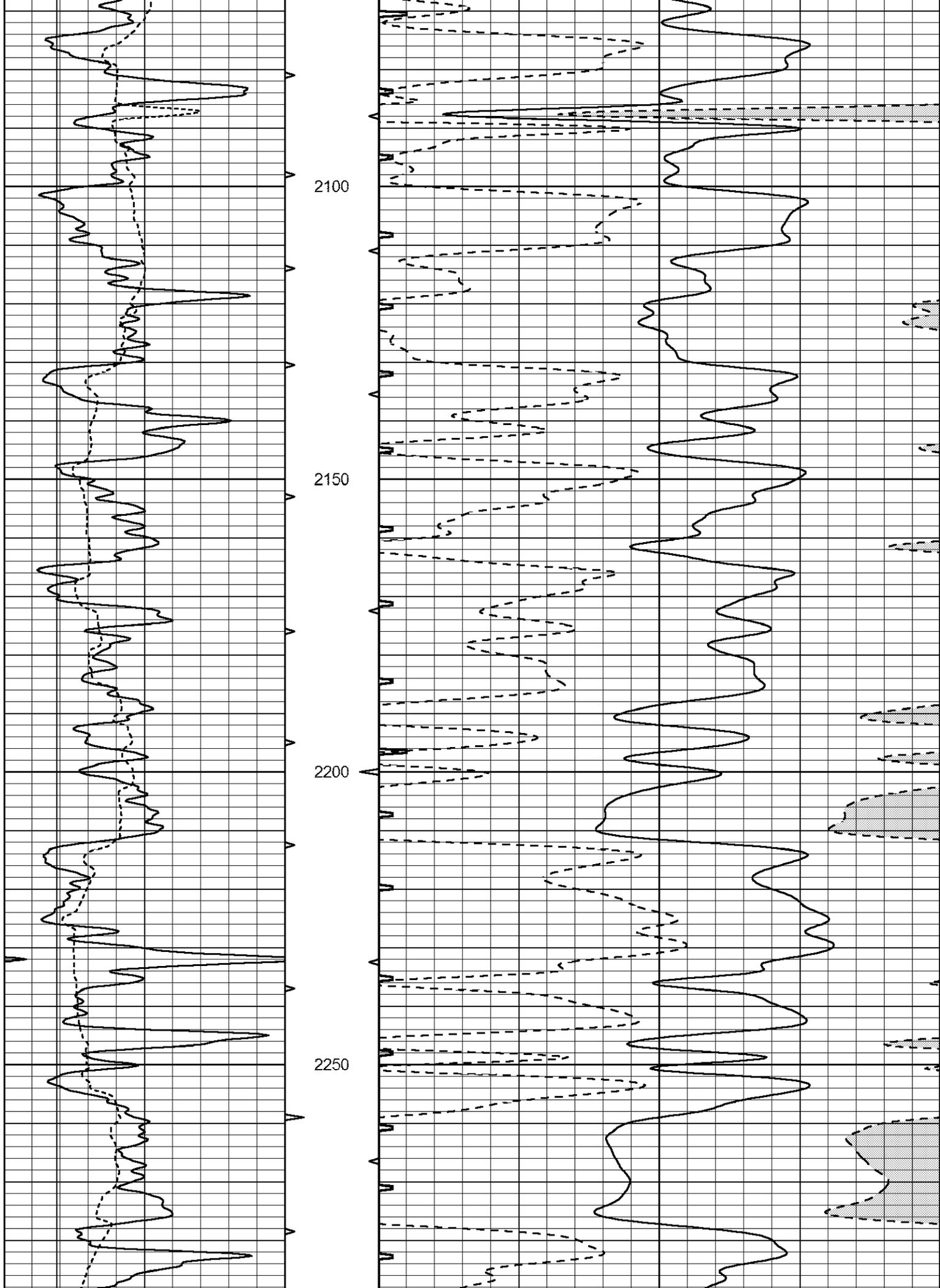
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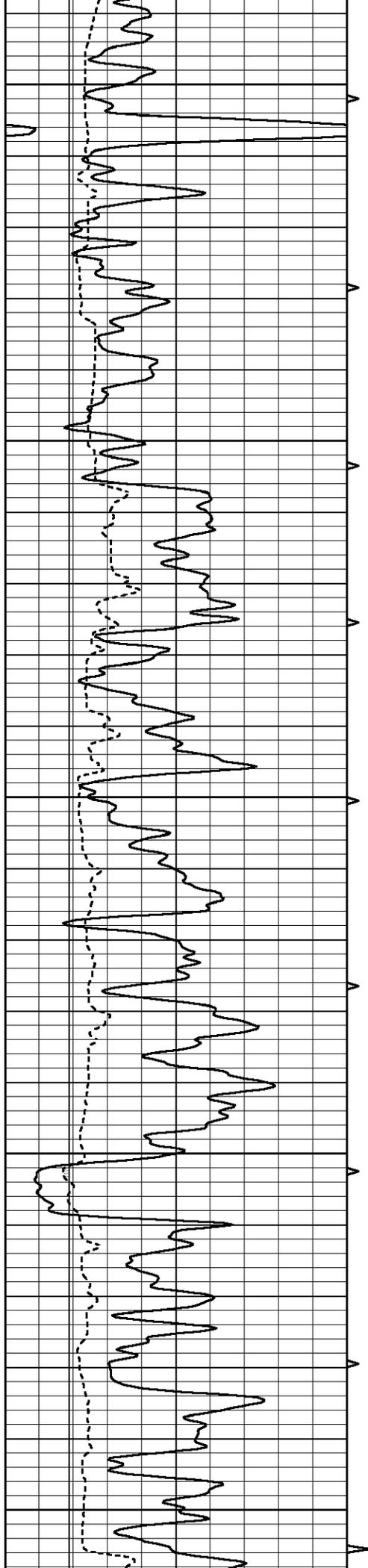




1850
1900
1950
2000
2050







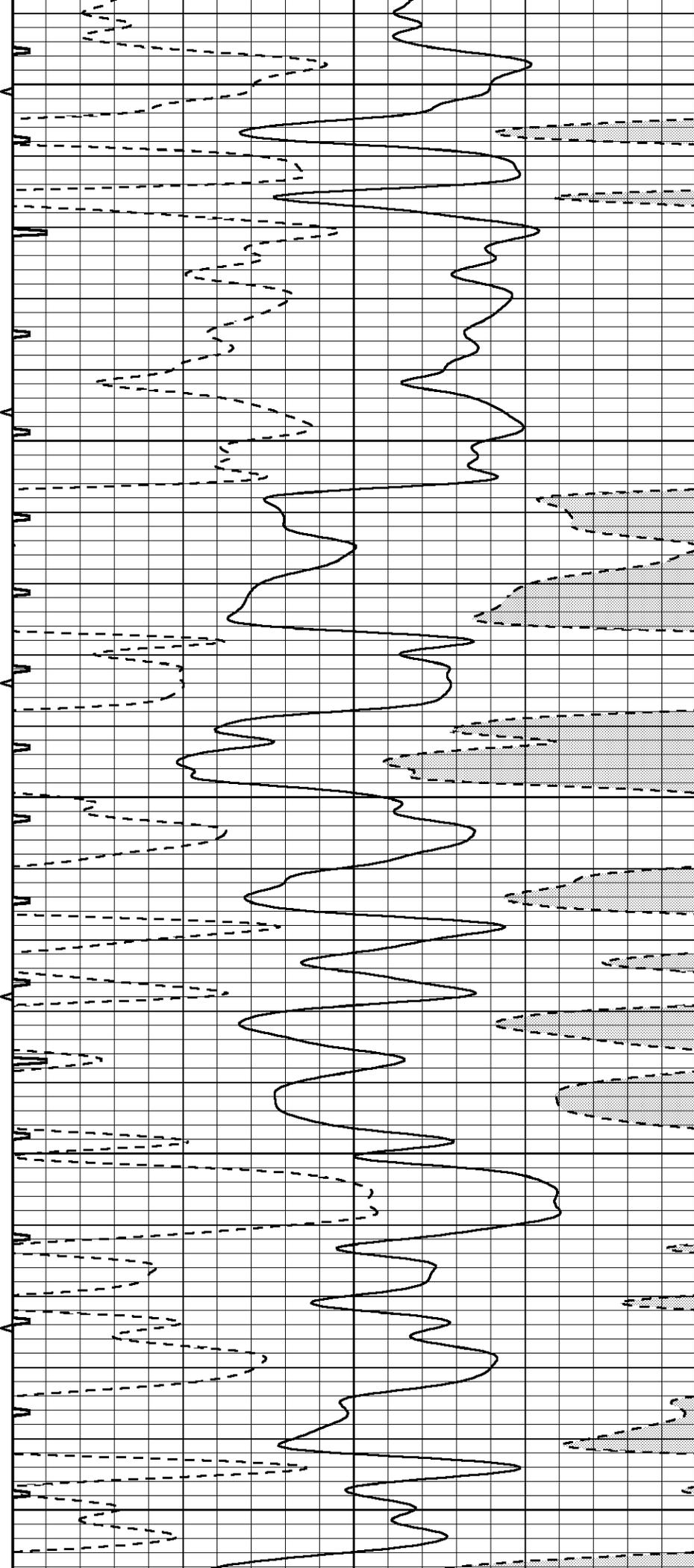
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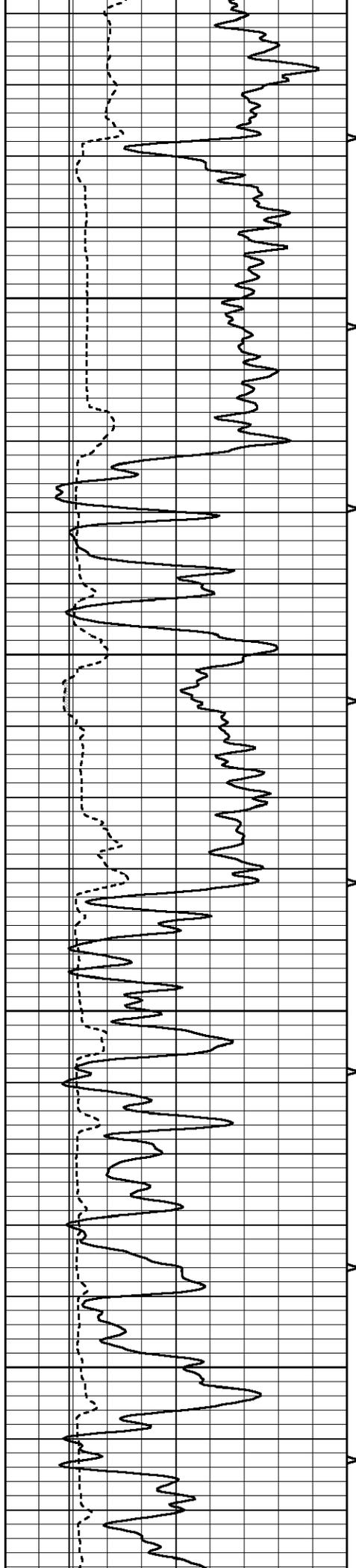
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2500



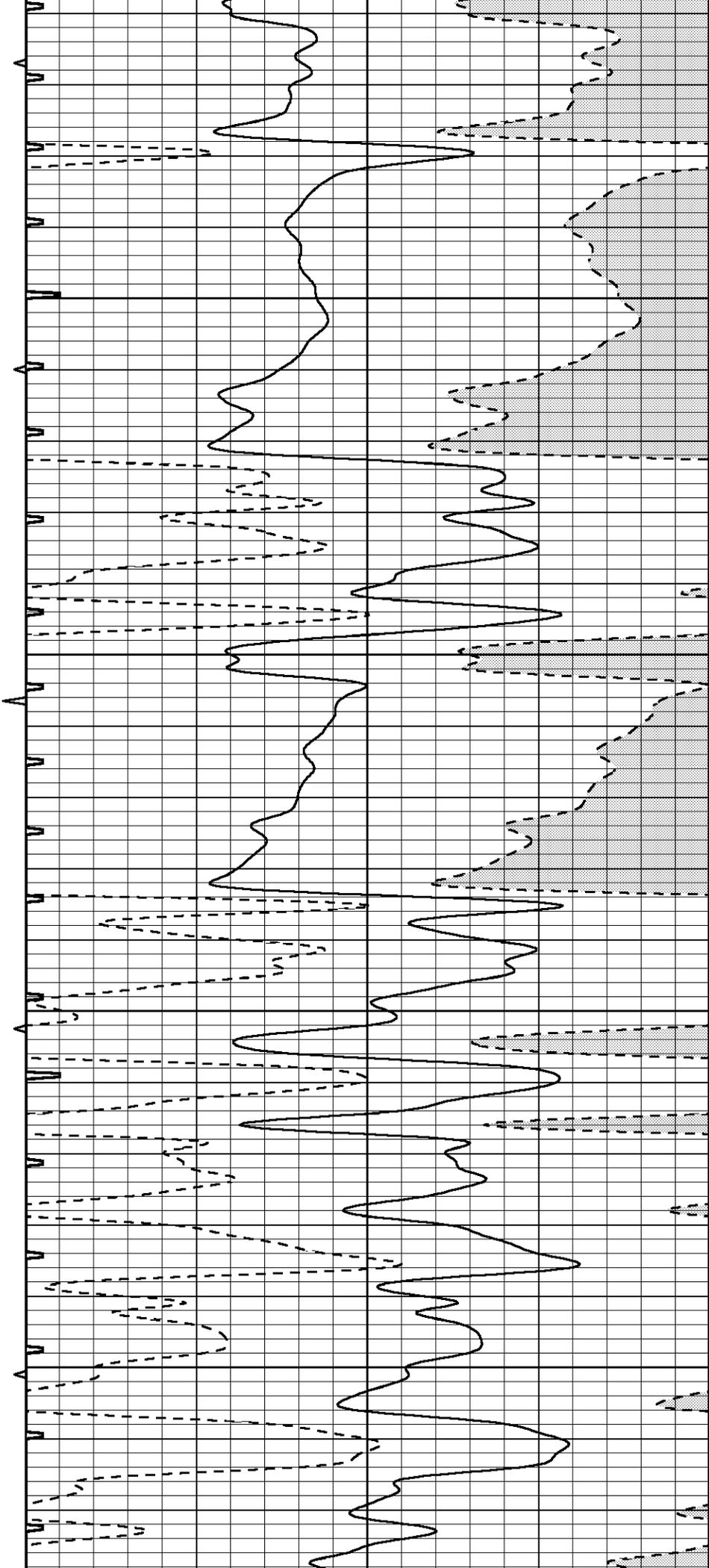


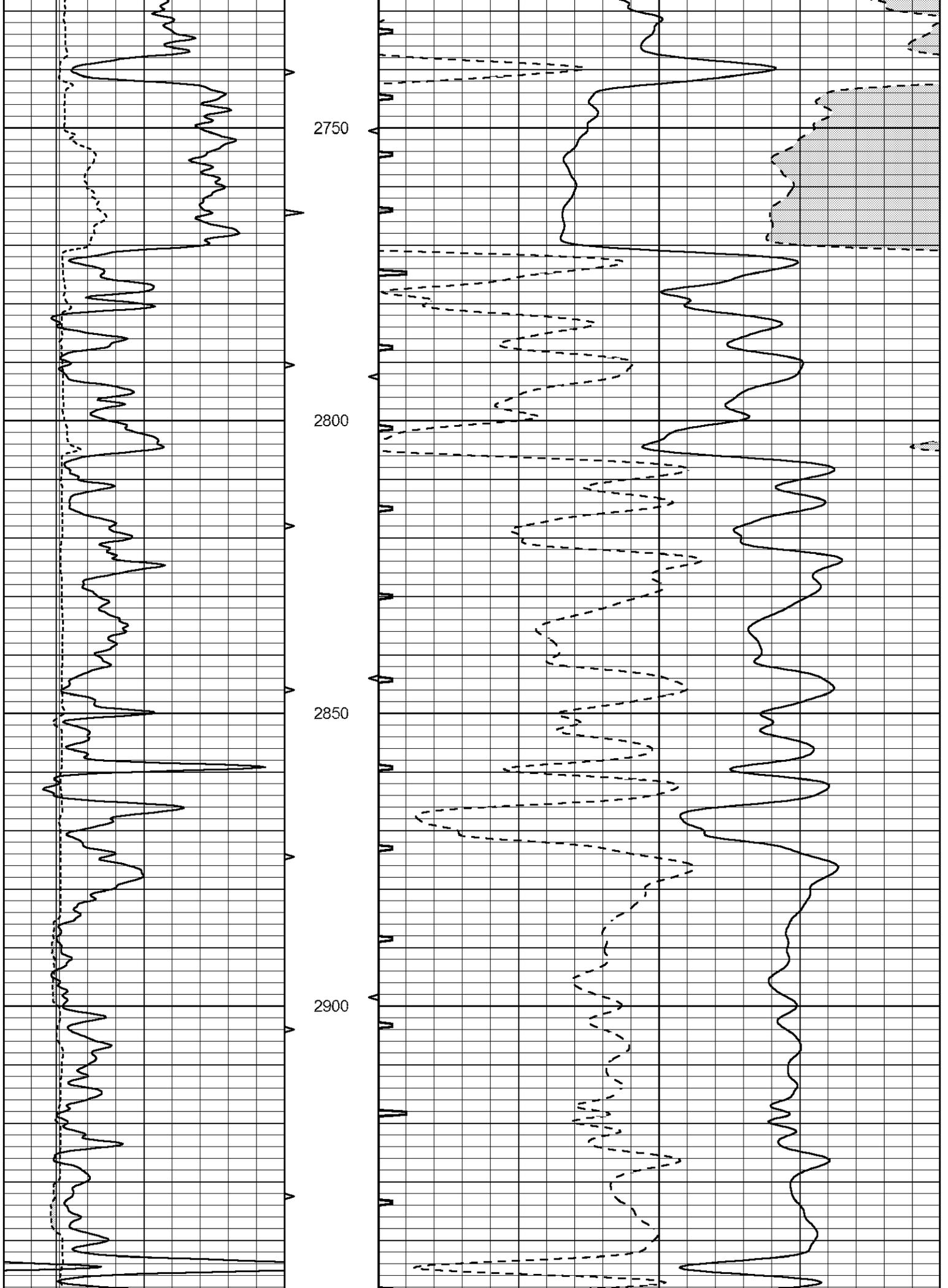
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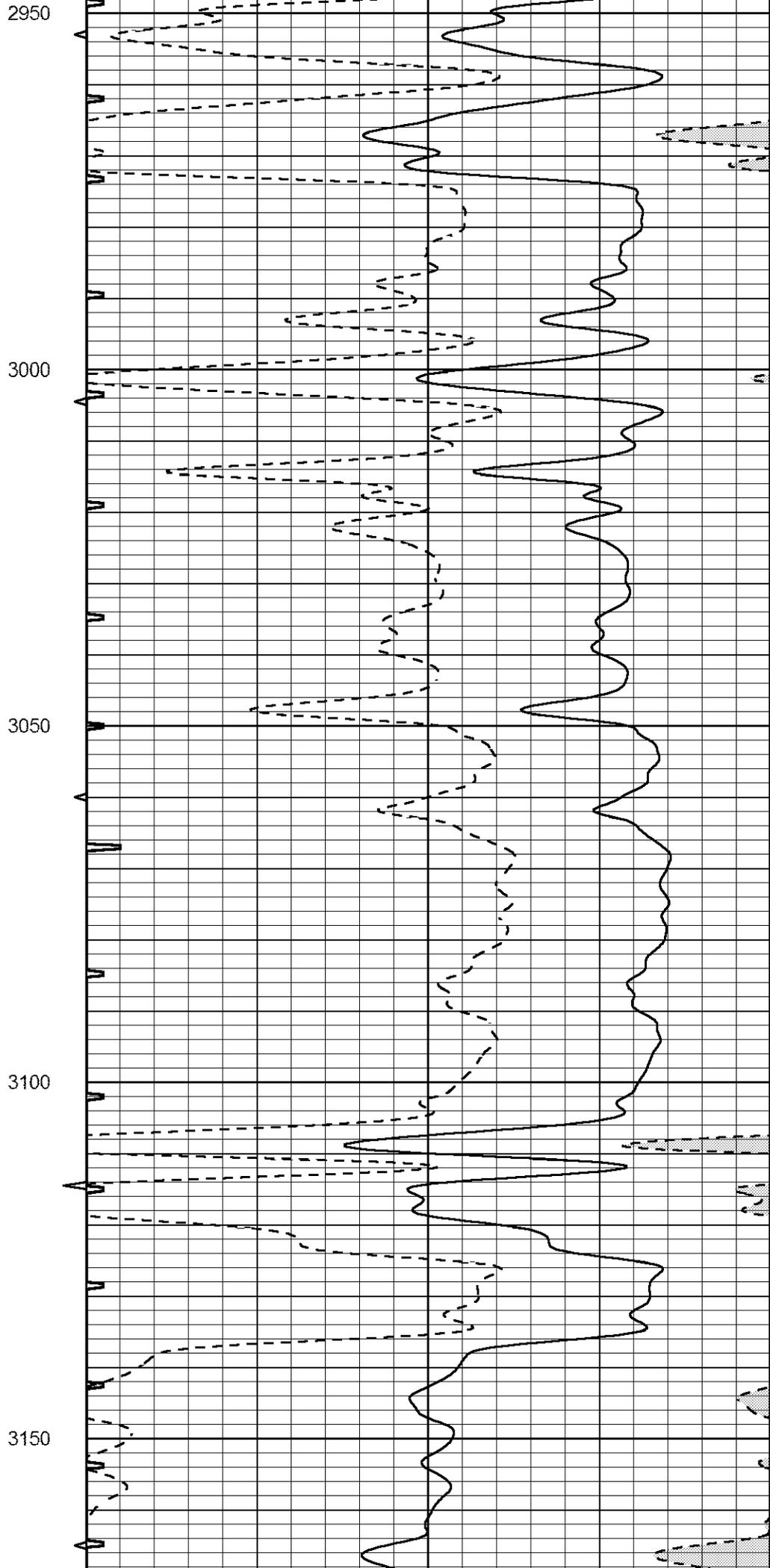
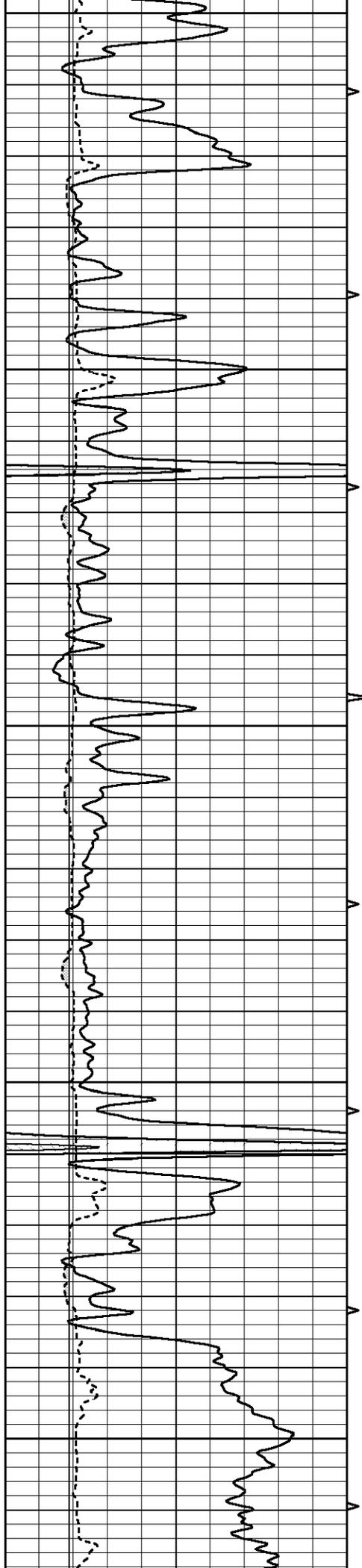
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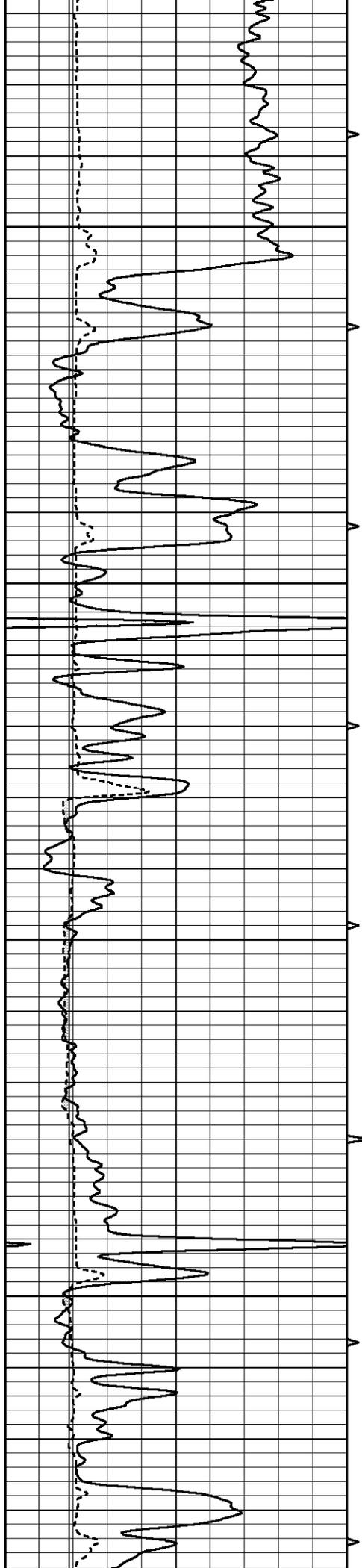
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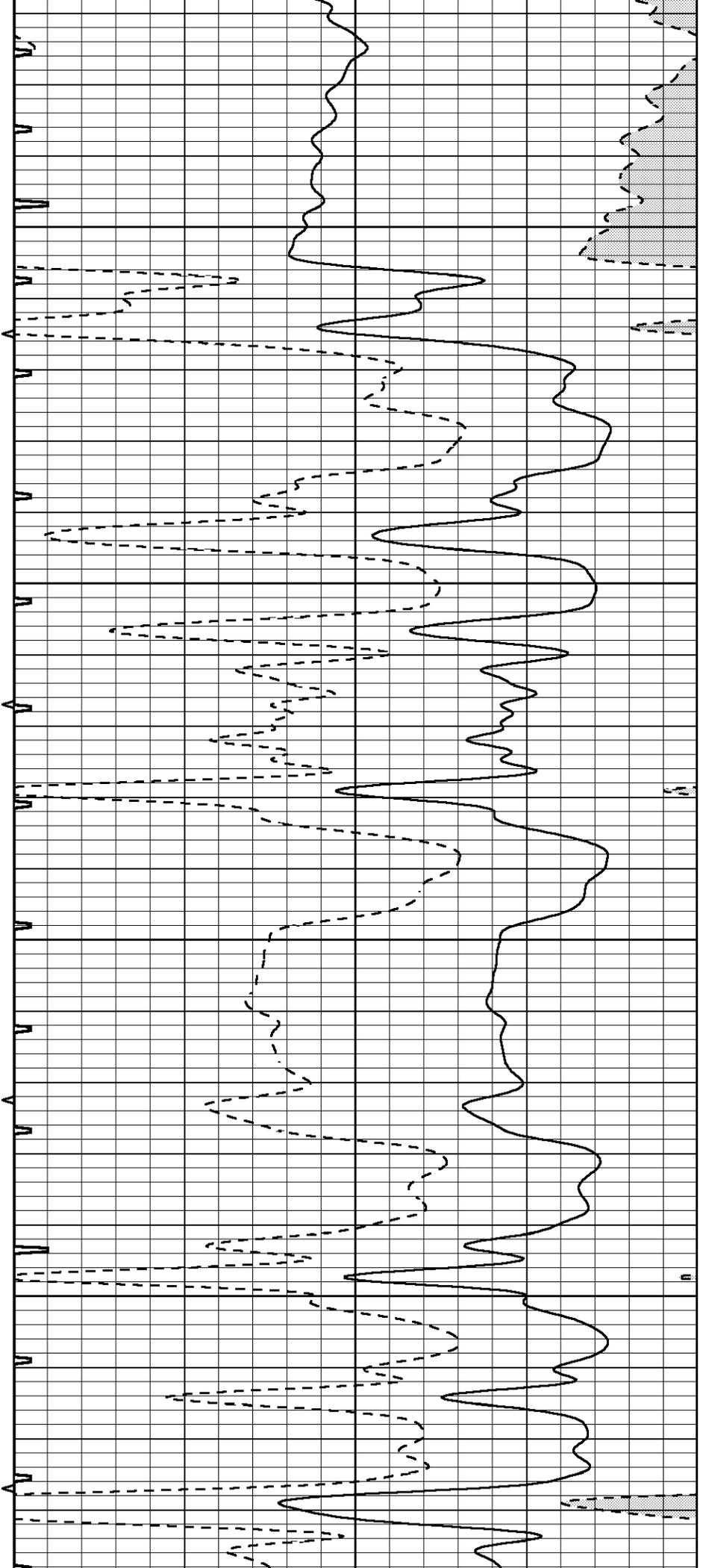


3200

3250

3300

3350



3400

3450

3500

3550

3600
LTD 3602

↑
ABHV
5.5" CSG

← ITT

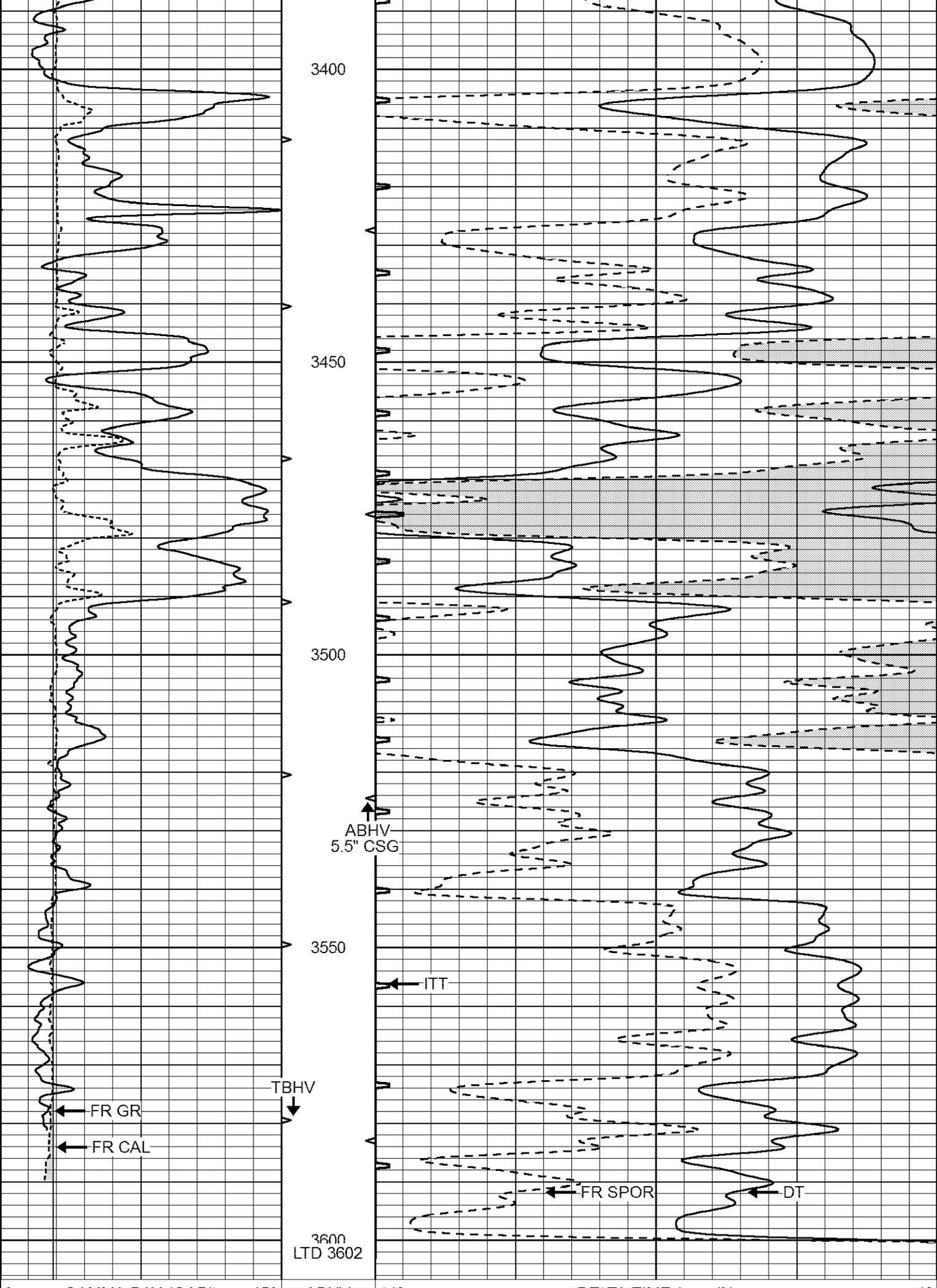
← FR GR

← FR CAL

↓
TBHV

← FR SPOR

← DT



0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
-----			TBHV	0	ITT (msec)	20
			0 (ft3) 10			



REPEAT SECTION

Database File 3430ddn8.db
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 Presentation Format _slt
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-----			TBHV	0	ITT (msec)	20
			0 (ft3) 10			

