



SONIC LOG

Company I.A. OPERATING, INC.
Well CARRIE #2-4
Field BLUE HILL NW
County ELLIS State KANSAS

Location: API #: 15-051-26929-0000
330' FSL & 1772' FWL
E2 - SW - SE - SW
SEC 2 TWP 12S RGE 16W
Permanent Datum GROUND LEVEL Elevation 1845
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
DIL/MEL
Elevation
K.B. 1853
D.F. 1851
G.L. 1845

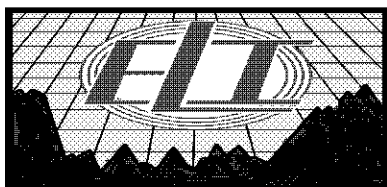
Date	8/11/18		
Run Number	TWO		
Depth Driller	3450		
Depth Logger	3448		
Bottom Logged Interval	3438		
Top Log Interval	900		
Casing Driller	8 5/8" @ 928		
Casing Logger	928		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 9300 PPM	
Density / Viscosity	9.1/54		
pH / Fluid Loss	11.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.50 @ 90F		
Rmf @ Meas. Temp	.37 @ 90F		
Rmc @ Meas. Temp	.60 @ 90F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.40 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	111F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	STEVE REED		

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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

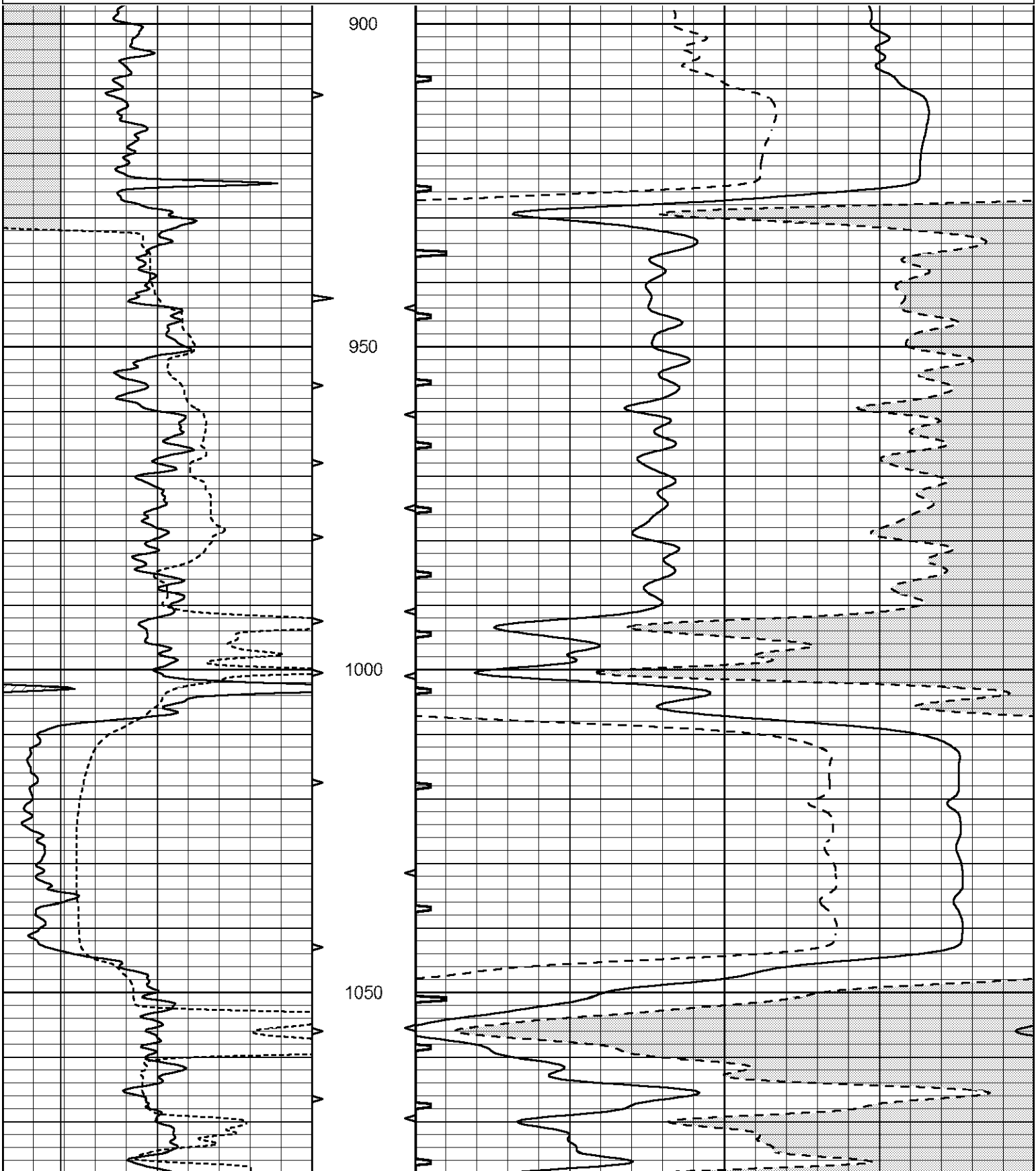
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
VICTORIA, KS. - NORTH TO EMMERAM RD. - 3 EAST TO 370TH RD. - NORTH
TO SEVERIN RD. - 1 EAST TO WALKER RD. - 1 NORTH - EAST INTO

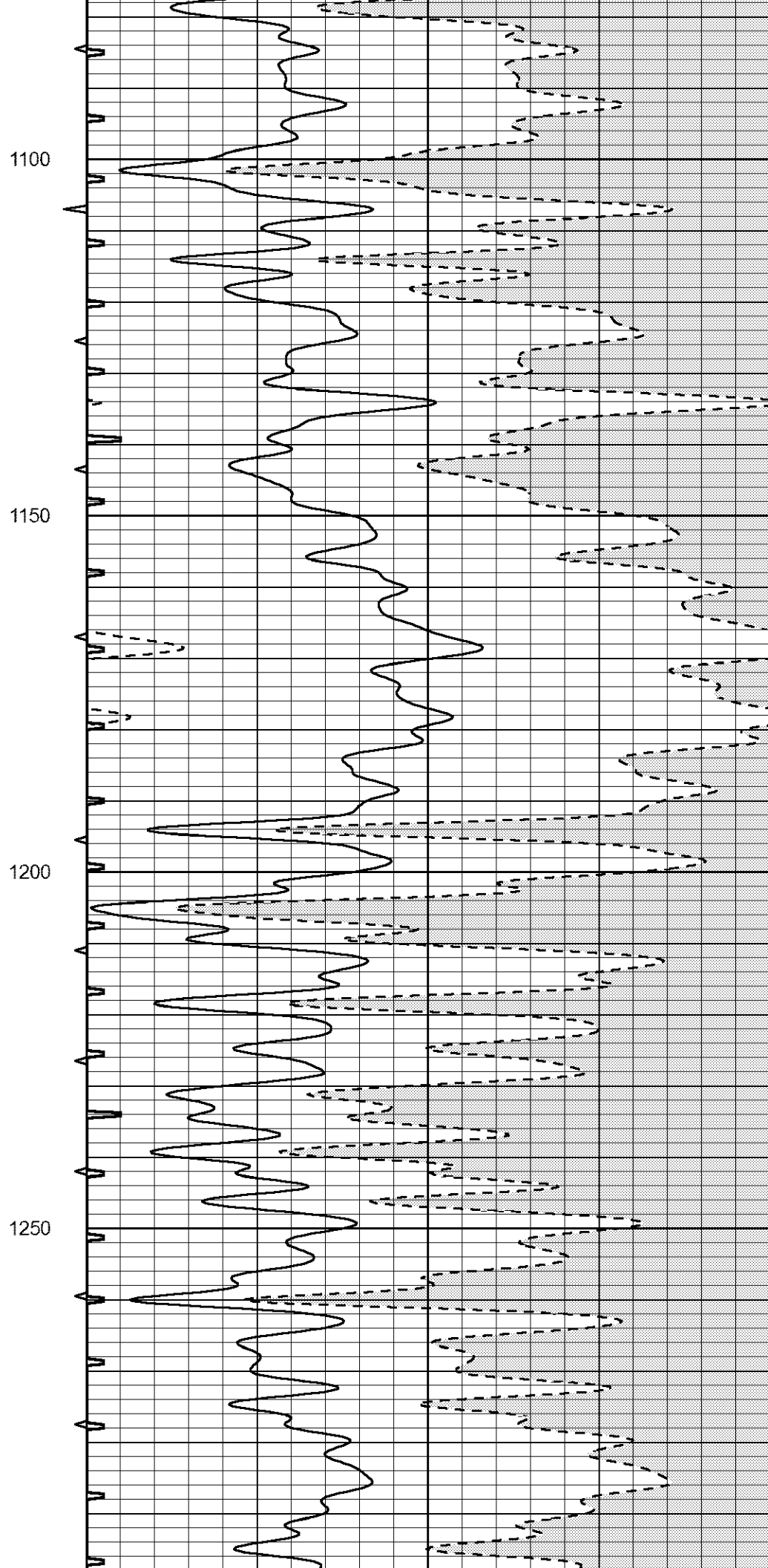
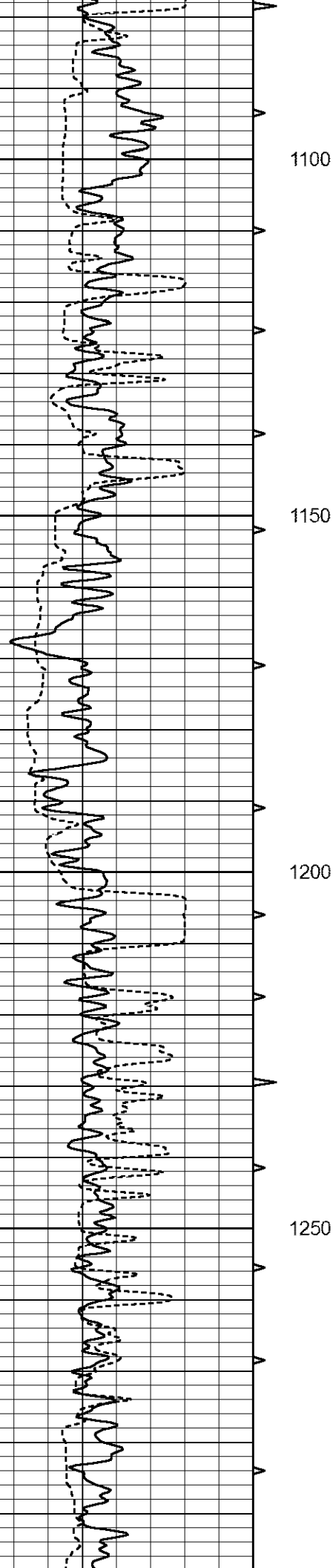


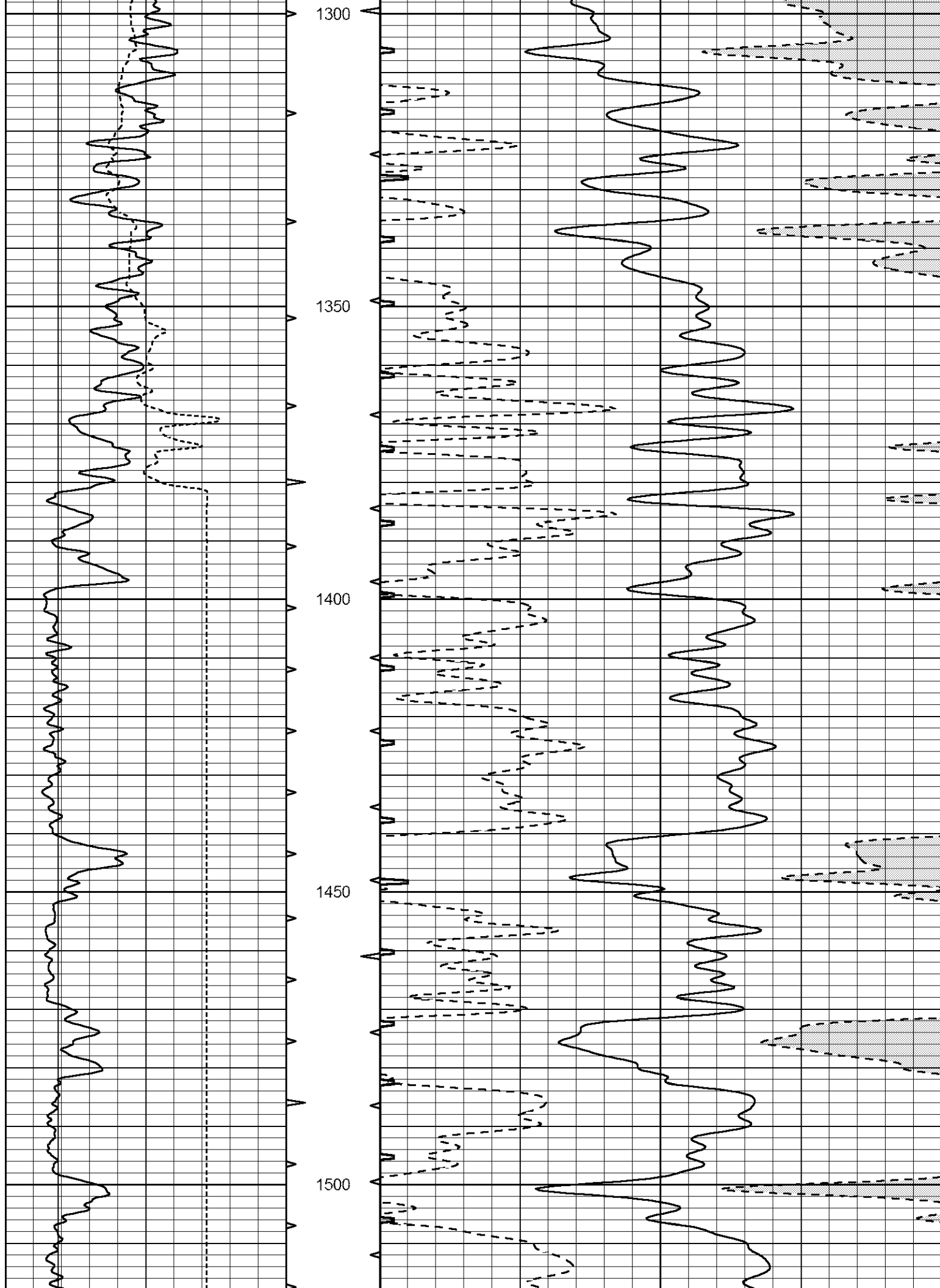
MAIN SECTION

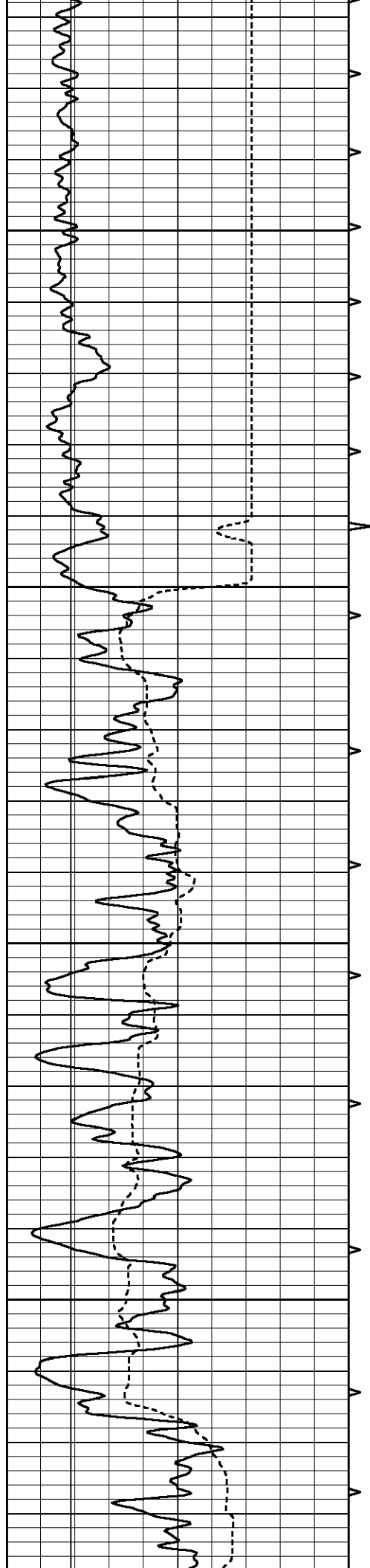
Database File	2518pe8.db
Dataset Pathname	pass6
Presentation Format	_slt
Dataset Creation	Sat Aug 11 05:49:55 2018
Charted by	Depth in Feet scaled 1:240

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			







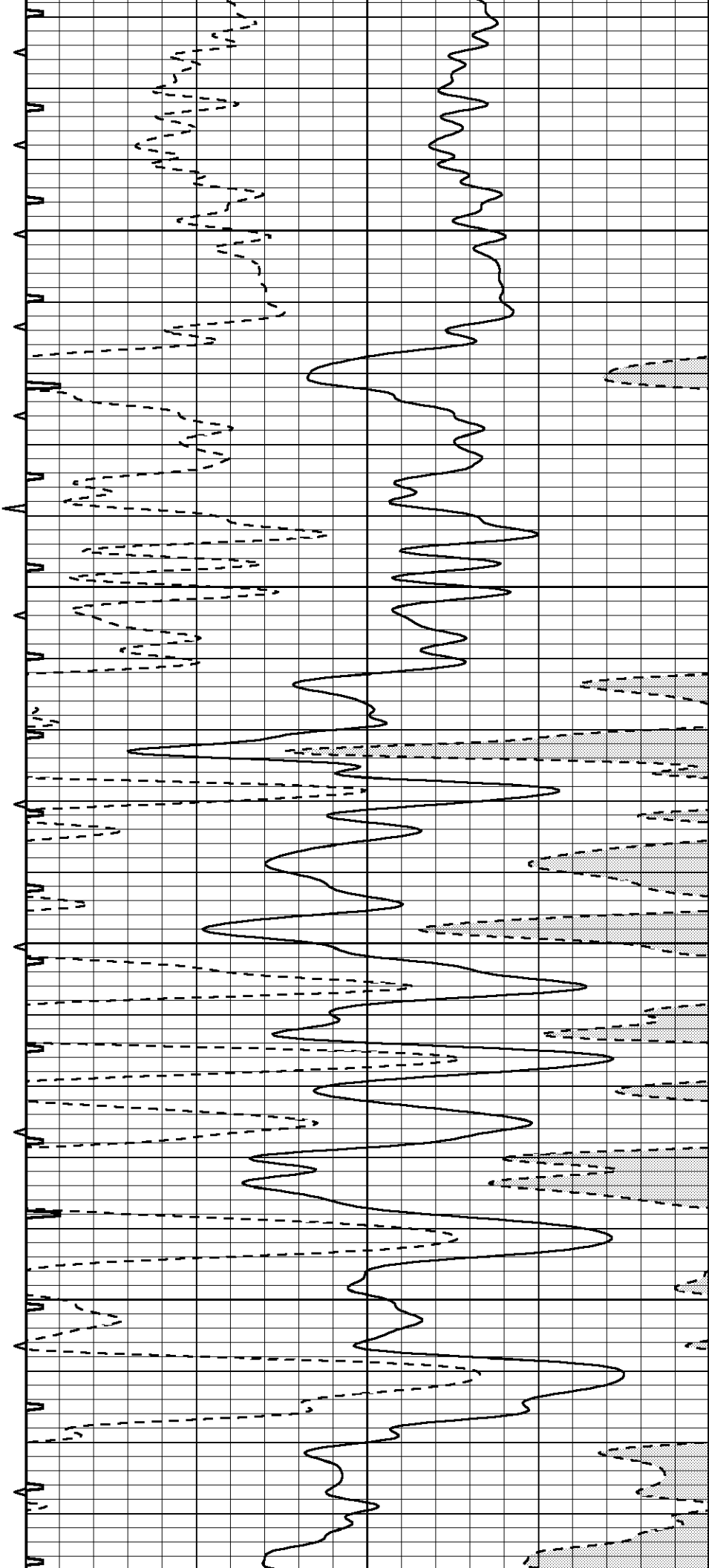


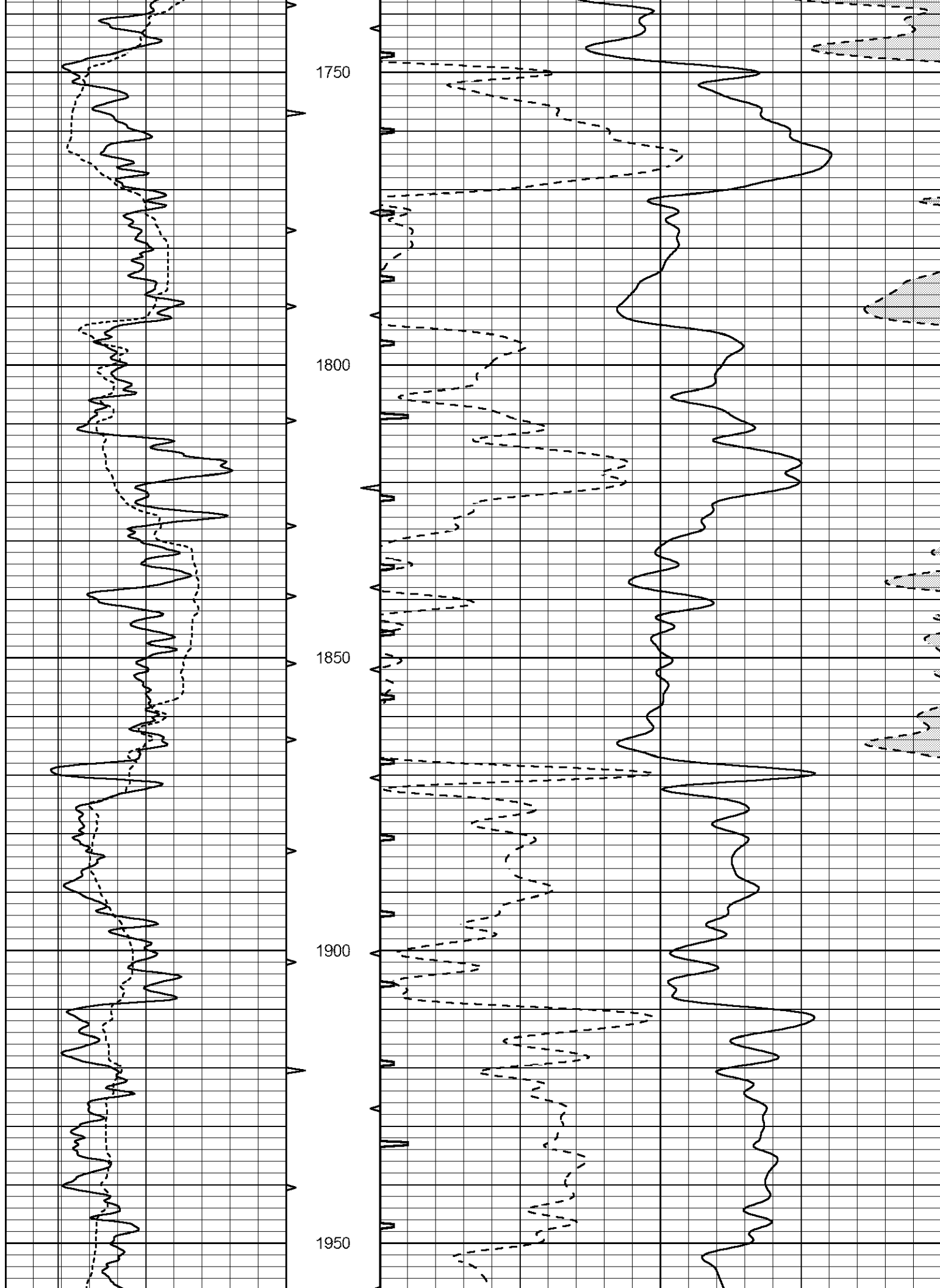
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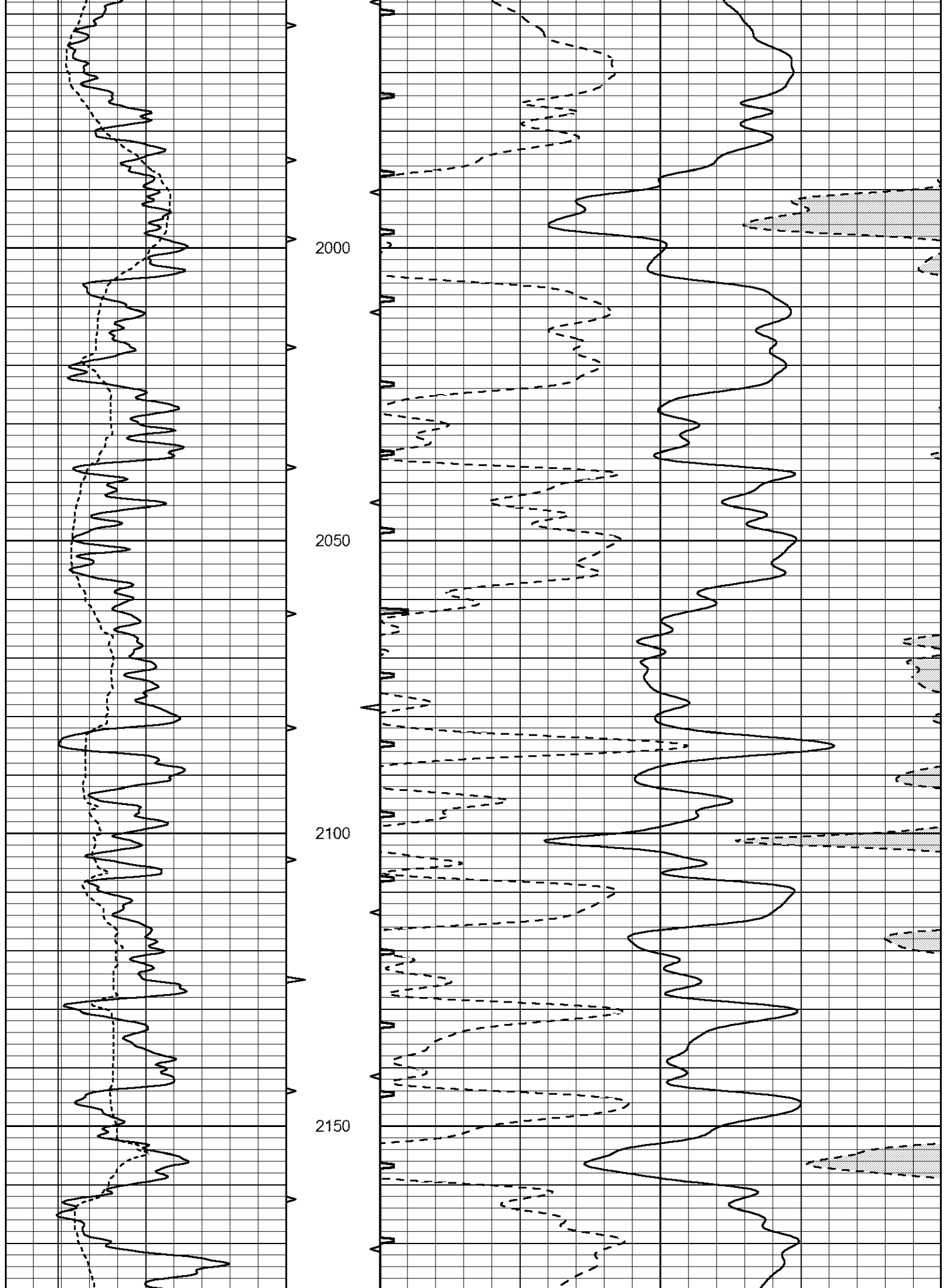
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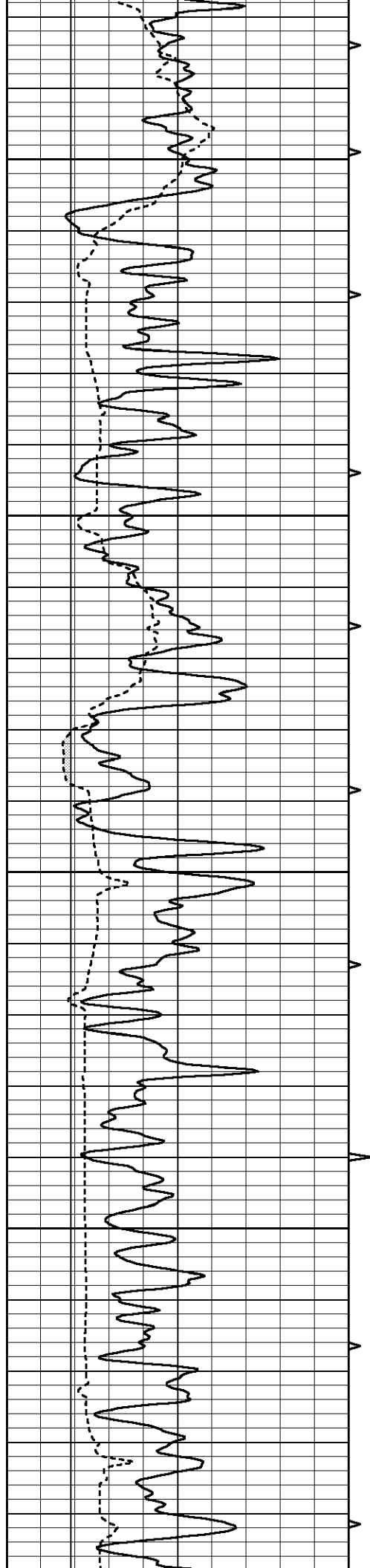
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1700







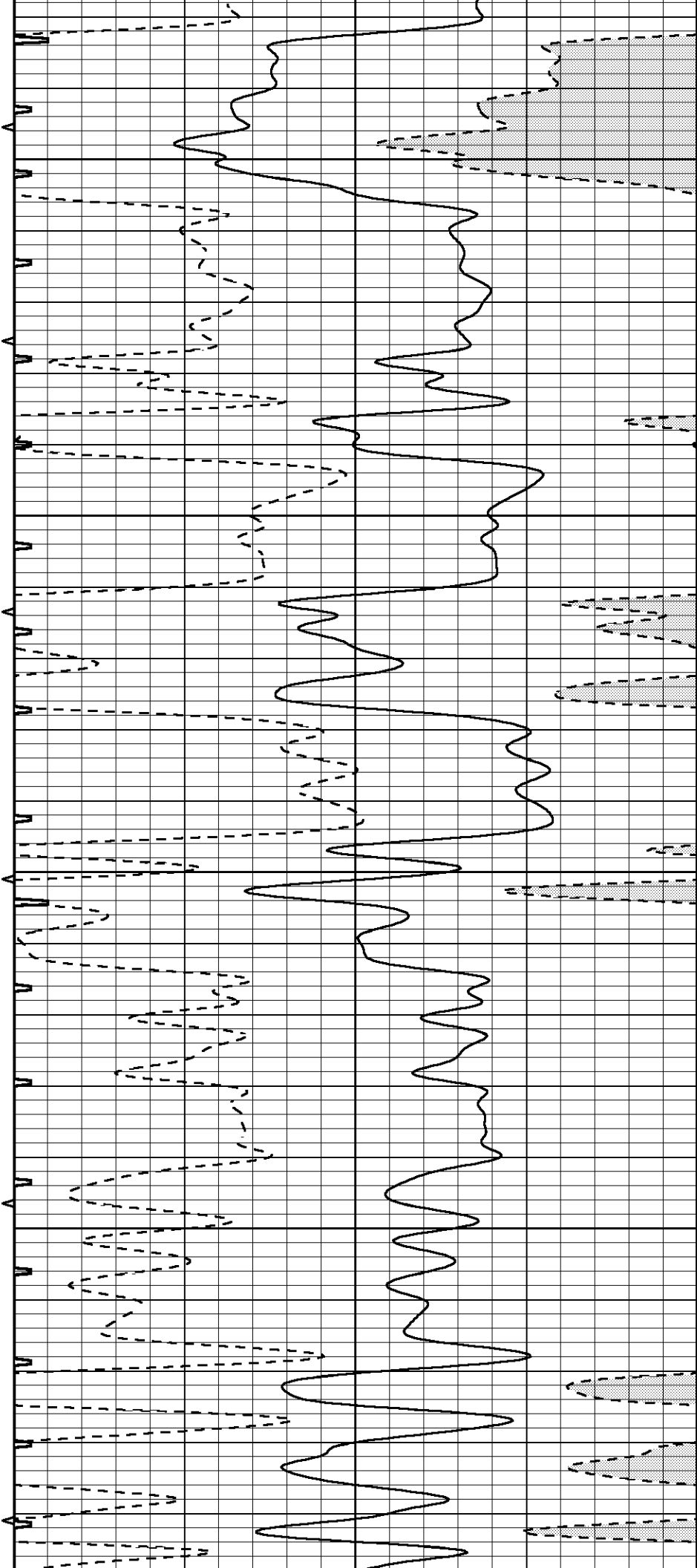


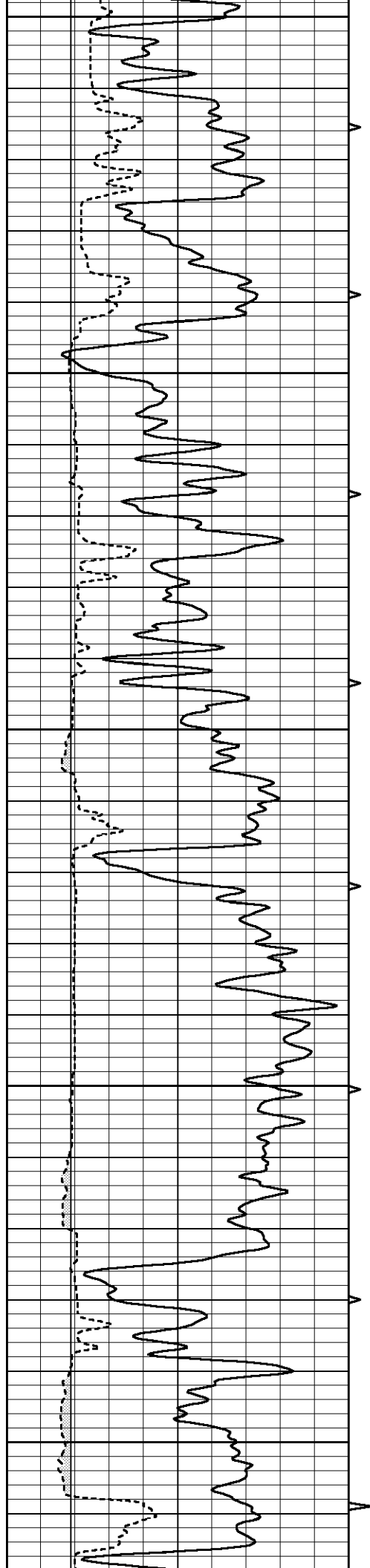
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2250

2300

2350





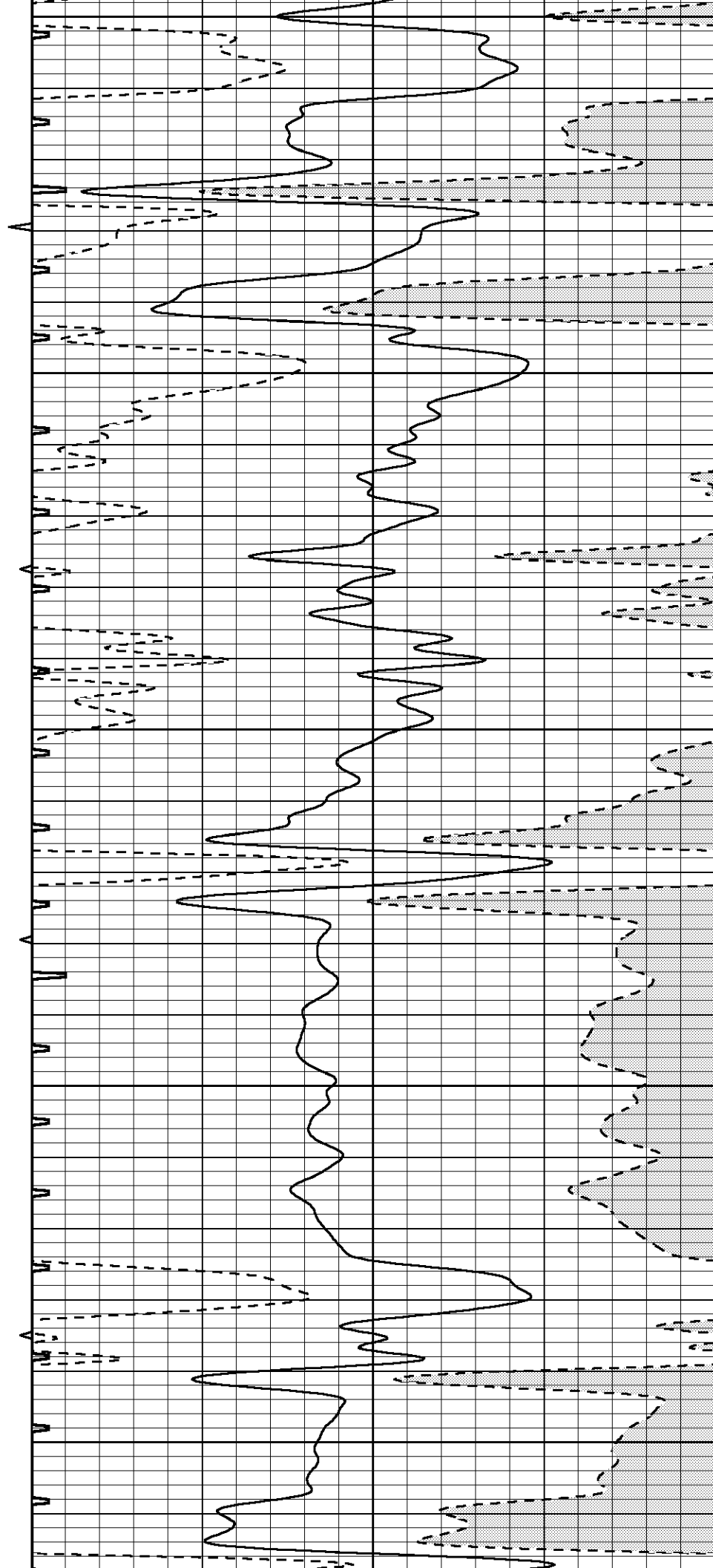
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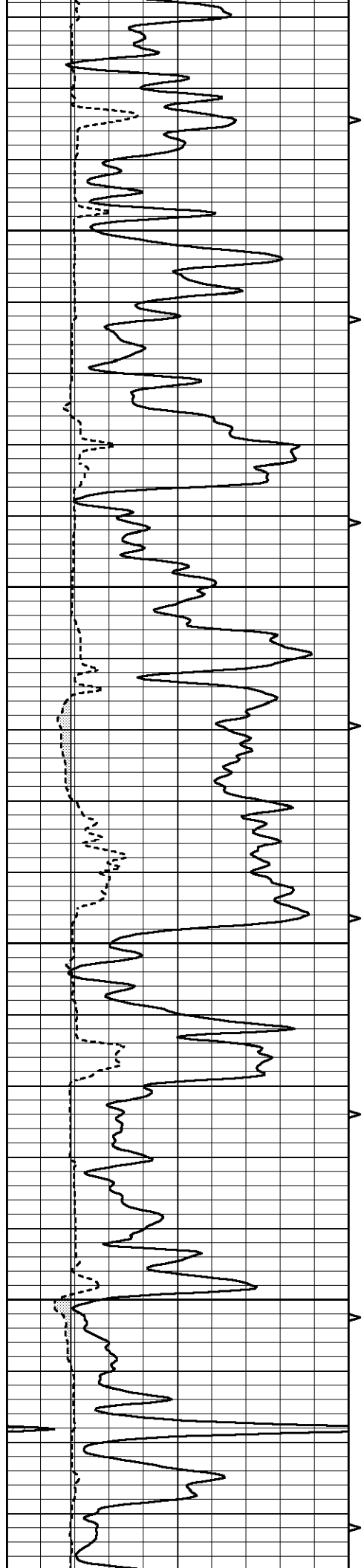
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2550

2600



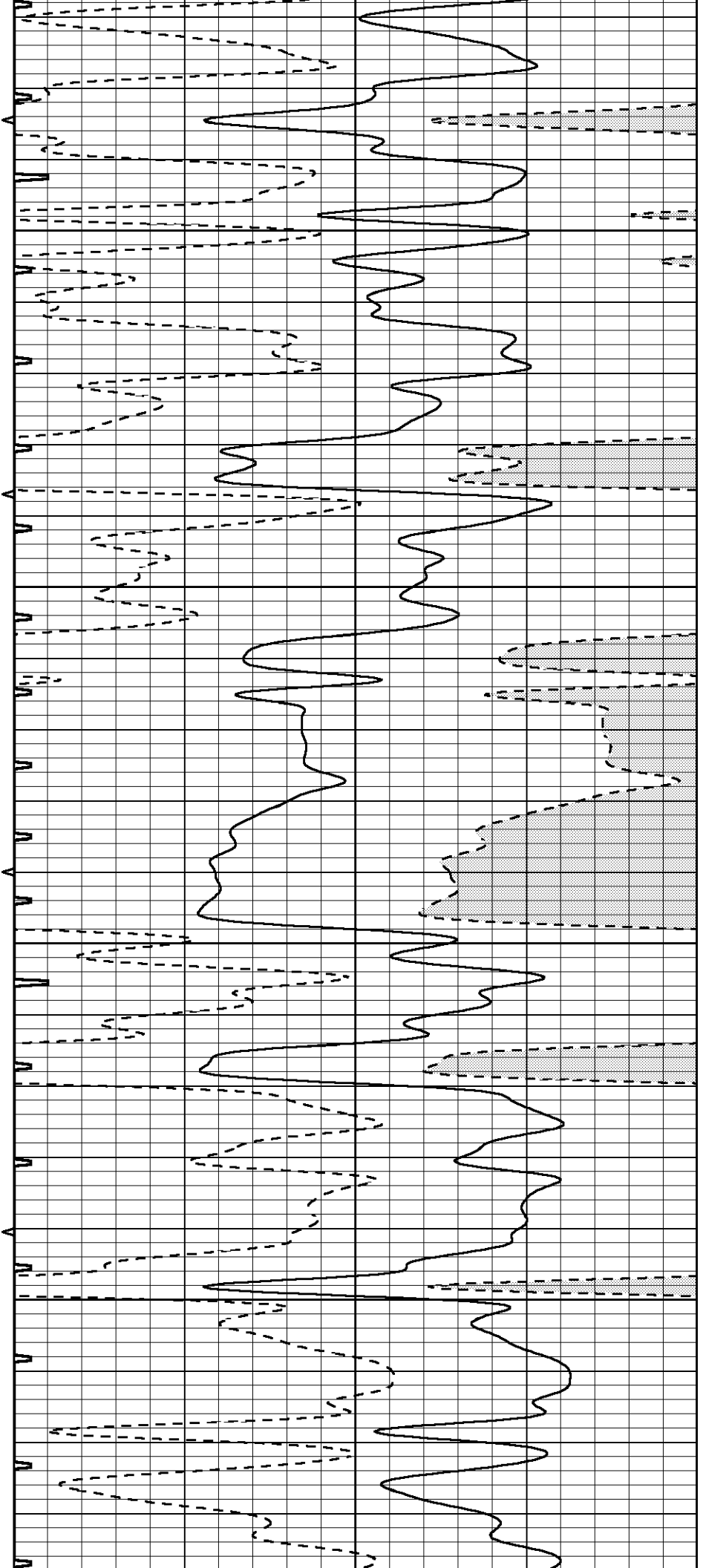


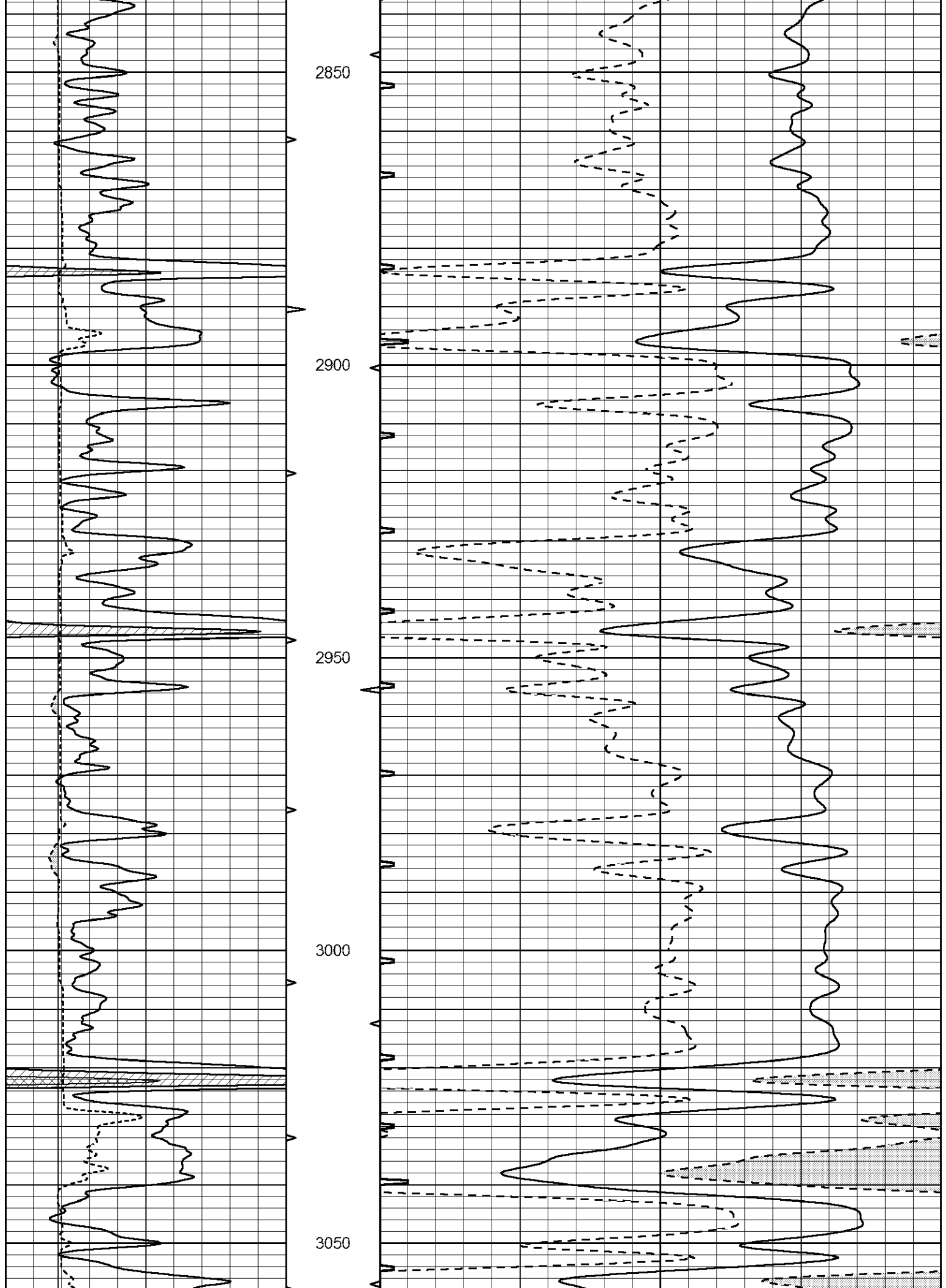
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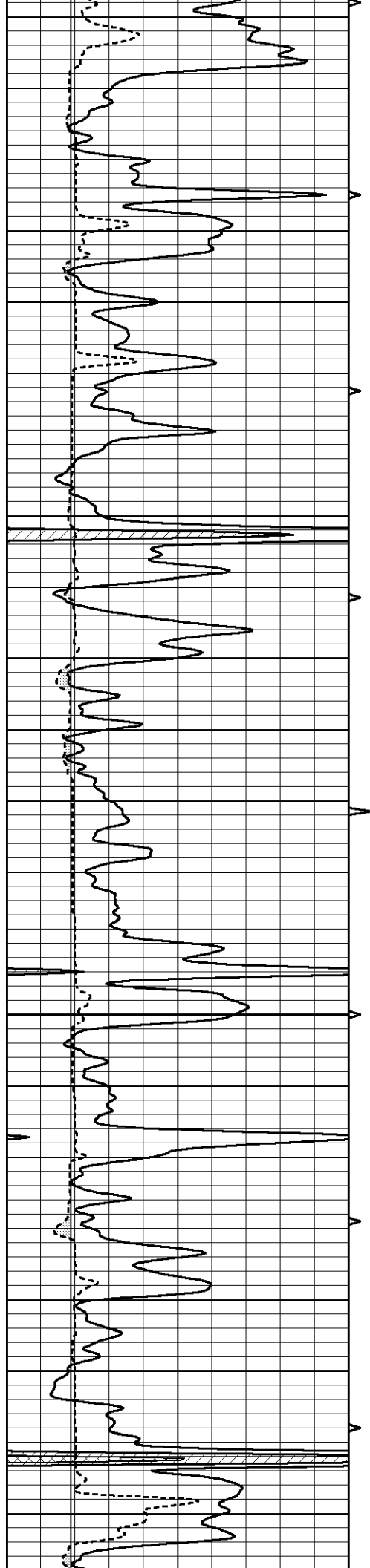
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2750

2800





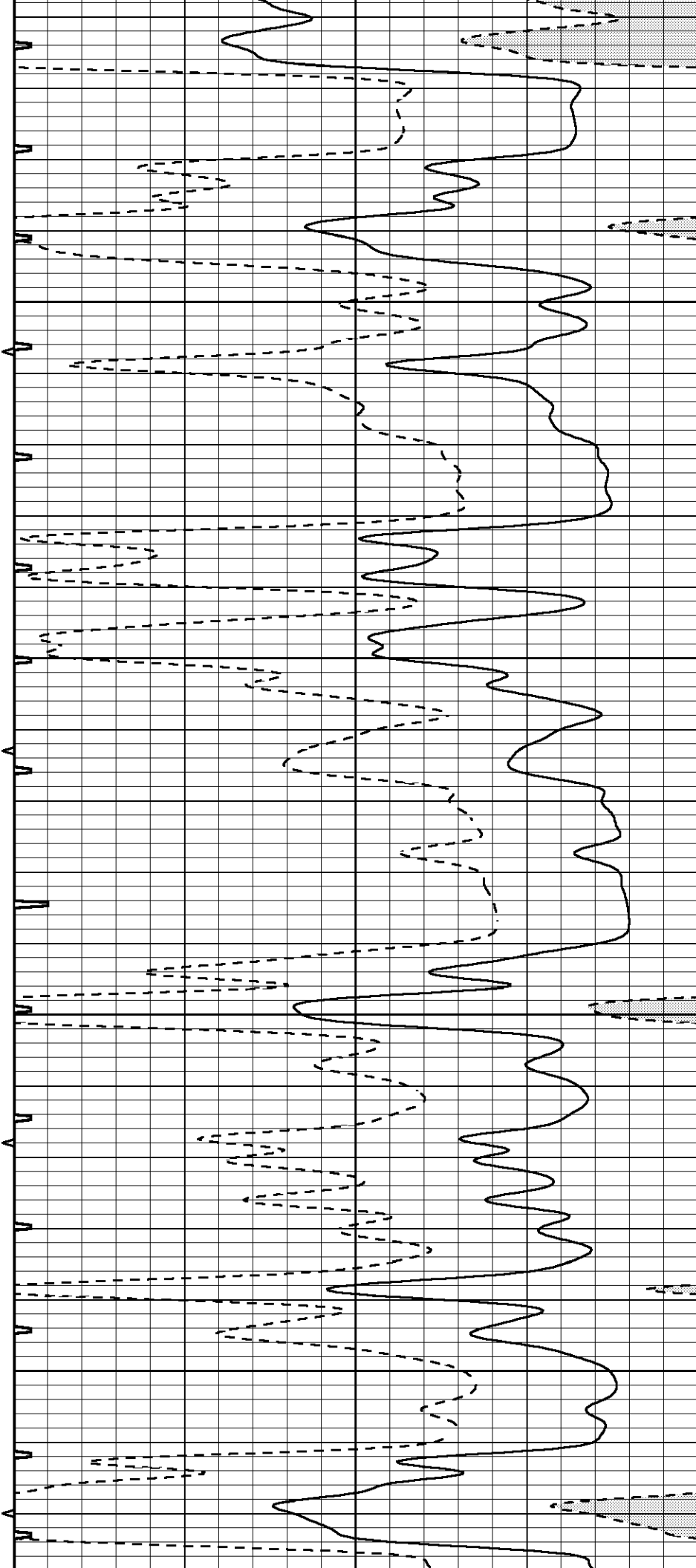


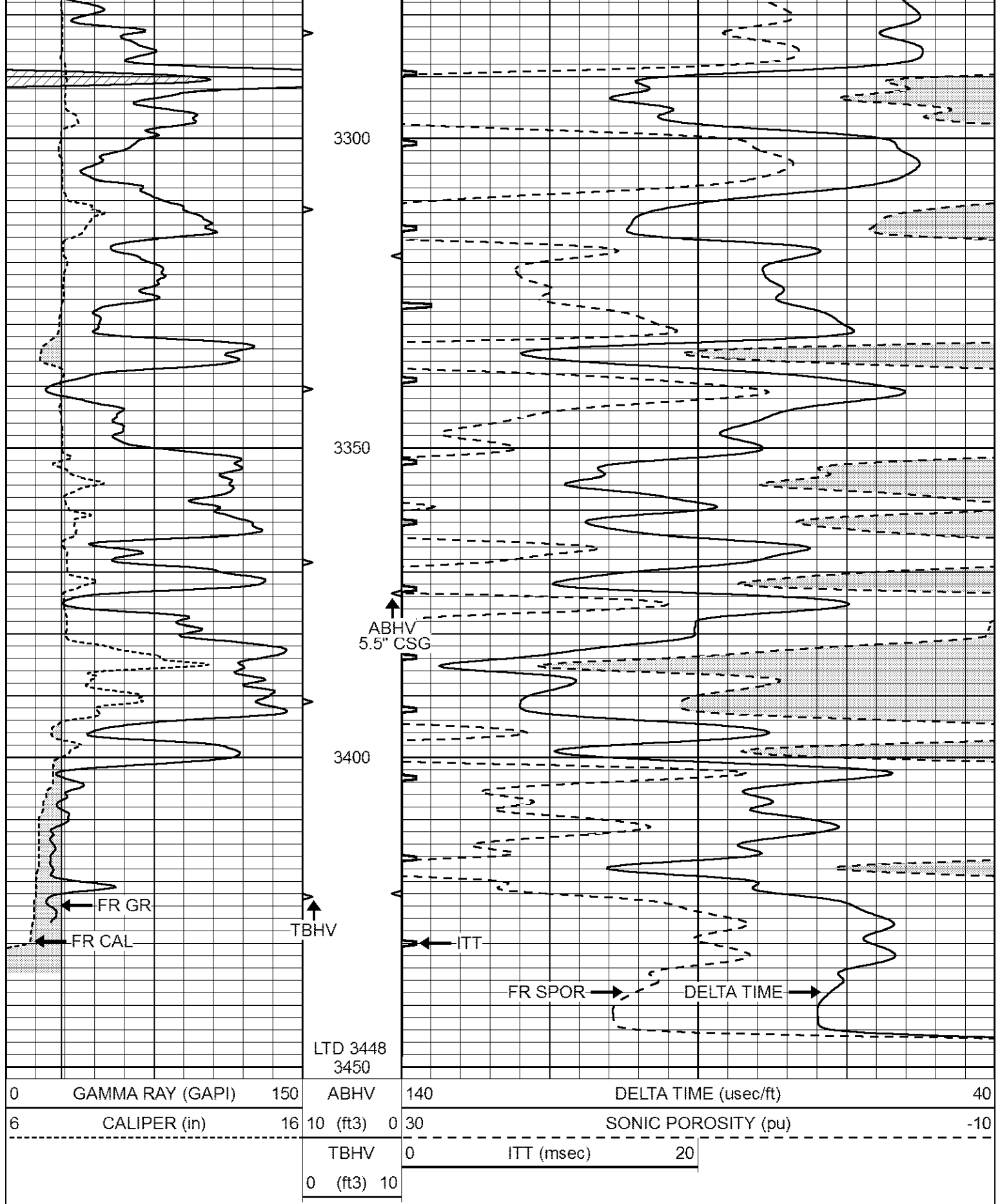
3100

3150

3200

3250





REPEAT SECTION

Database File 2518pe8.db
Dataset Pathname pass5.1
Presentation Format _slt
Dataset Creation Sat Aug 11 06:01:15 2018
Charted by Depth in Feet scaled 1:240

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			

