

SONIC LOG

Company BLUE RIDGE PETROLEUM CORPORATION
 Well OLSON #1-9
 Field WILDCAT
 County MORRIS
 State KANSAS

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 Well OLSON #1-9
 Field WILDCAT
 County MORRIS State KANSAS

Location: API # : 15-127-20598-00-00
 SE/NW/NW/SE
 2173' FSL & 1997' FEL
 SEC 9 TWP 14S RGE 8E
 Permanent Datum GROUND LEVEL Elevation 1521'
 Log Measured From KELLY BUSHING 8' A.G.L.
 Drilling Measured From KELLY BUSHING
 Other Services
 CDL/CNL
 MEL/DIL
 Elevation
 K.B. 1529'
 D.F. 1527
 G.L. 1521

Date	10/08/17
Run Number	TWO
Depth Driller	2145
Depth Logger	2145
Bottom Logged Interval	2136
Top Log Interval	00
Casing Driller	8 5/8" @ 264
Casing Logger	264
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.0/45
pH / Fluid Loss	10.5/8.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	1.3@68
Rmt @ Meas. Temp	.96@68
Rmc @ Meas. Temp	1.2@68
Source of Rmf / Rmc	MEASURED
Rm @ BHT	.89@99
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	///
Maximum Recorded Temperature	99F
Equipment Number	4010
Location	HAYS, KANSAS
Recorded By	GUS PFANENSTIEL
Witnessed By	LARRY NICHOLSON

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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, HAYS, KS. (785) 628-6395

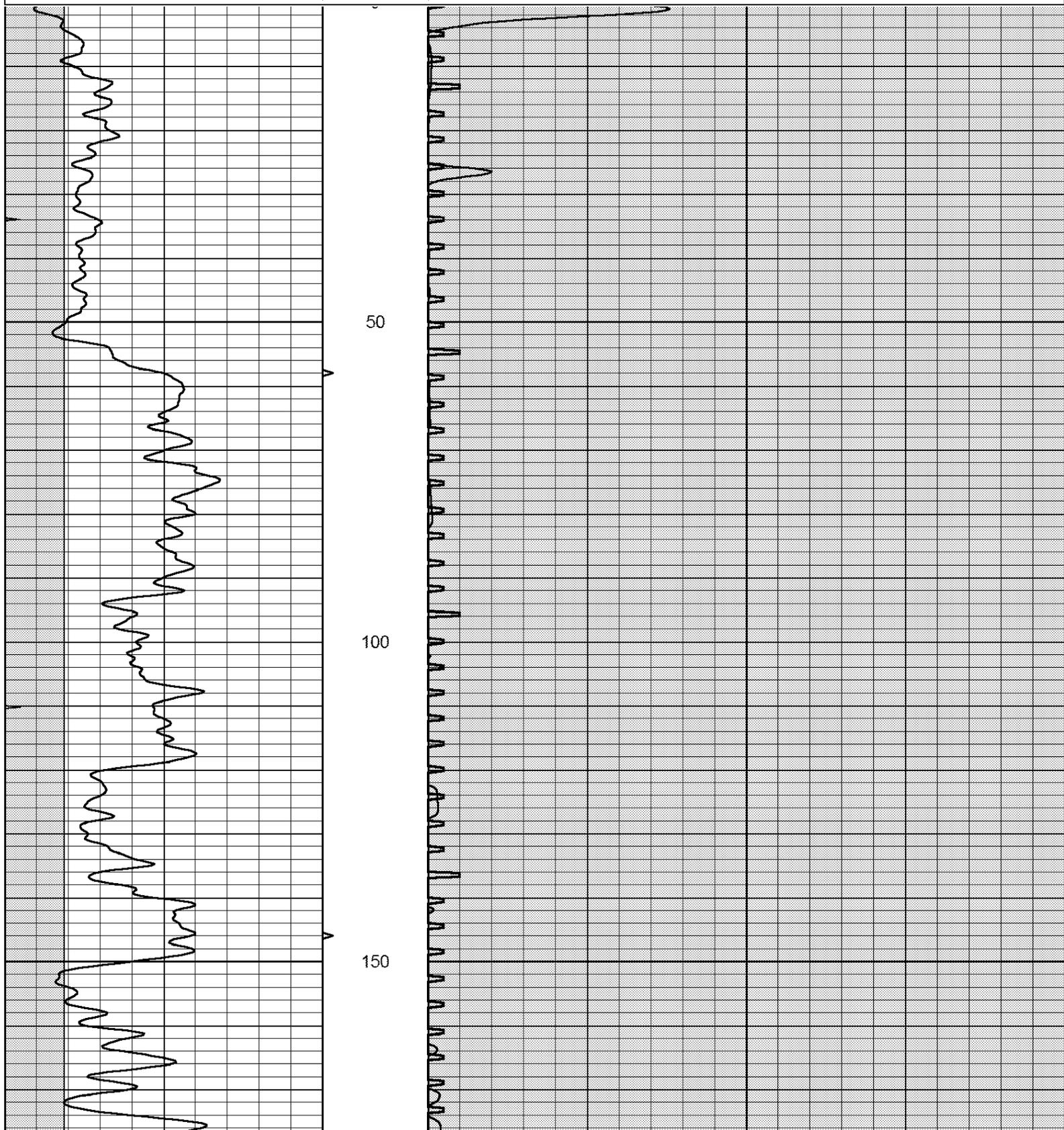
DIRECTIONS
 170 EXIT 313 SOUTH TO HIGHWAY 4,
 WEST 1 MILE, NORTH 1/4,
 EAST INTO.

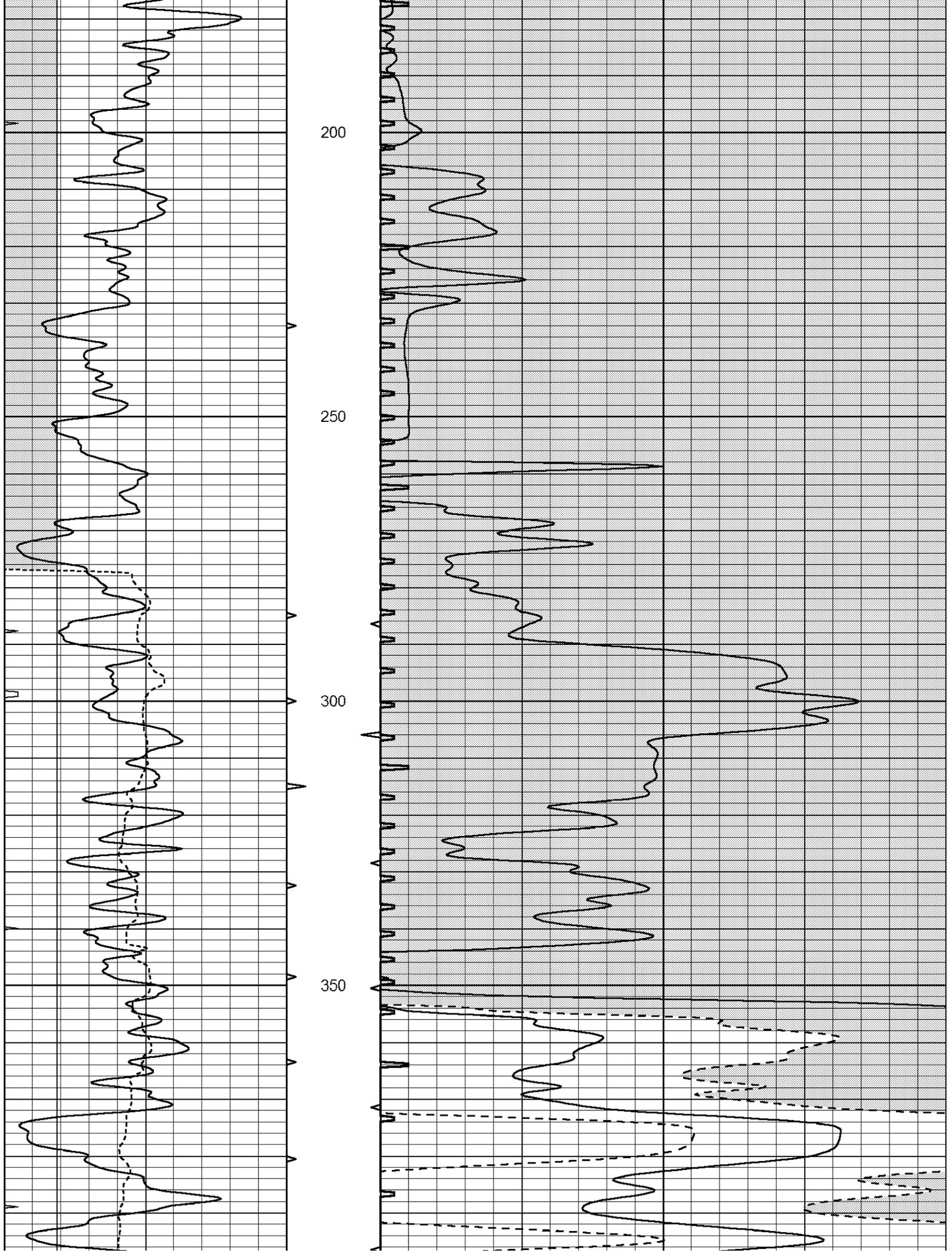


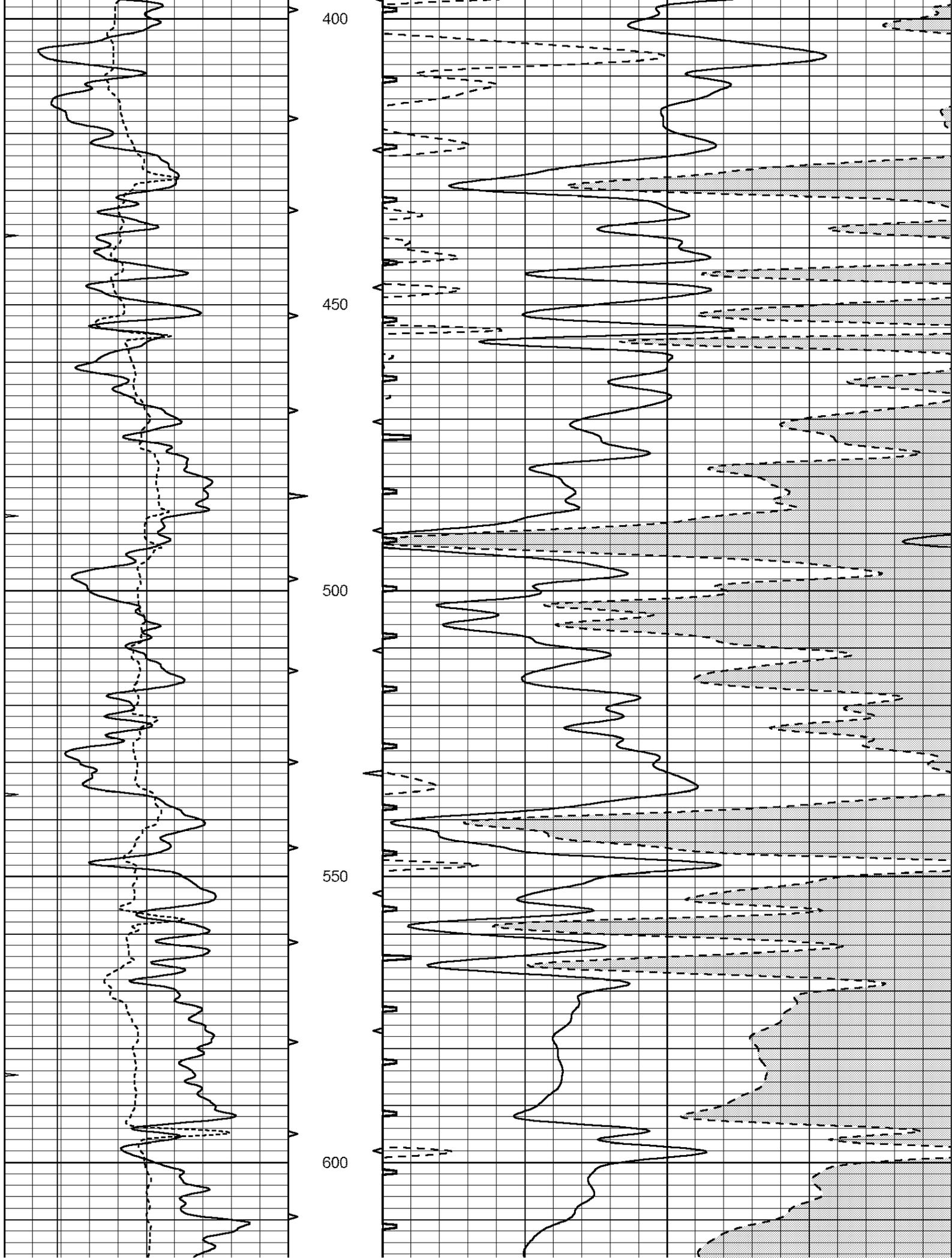
MAIN PASS

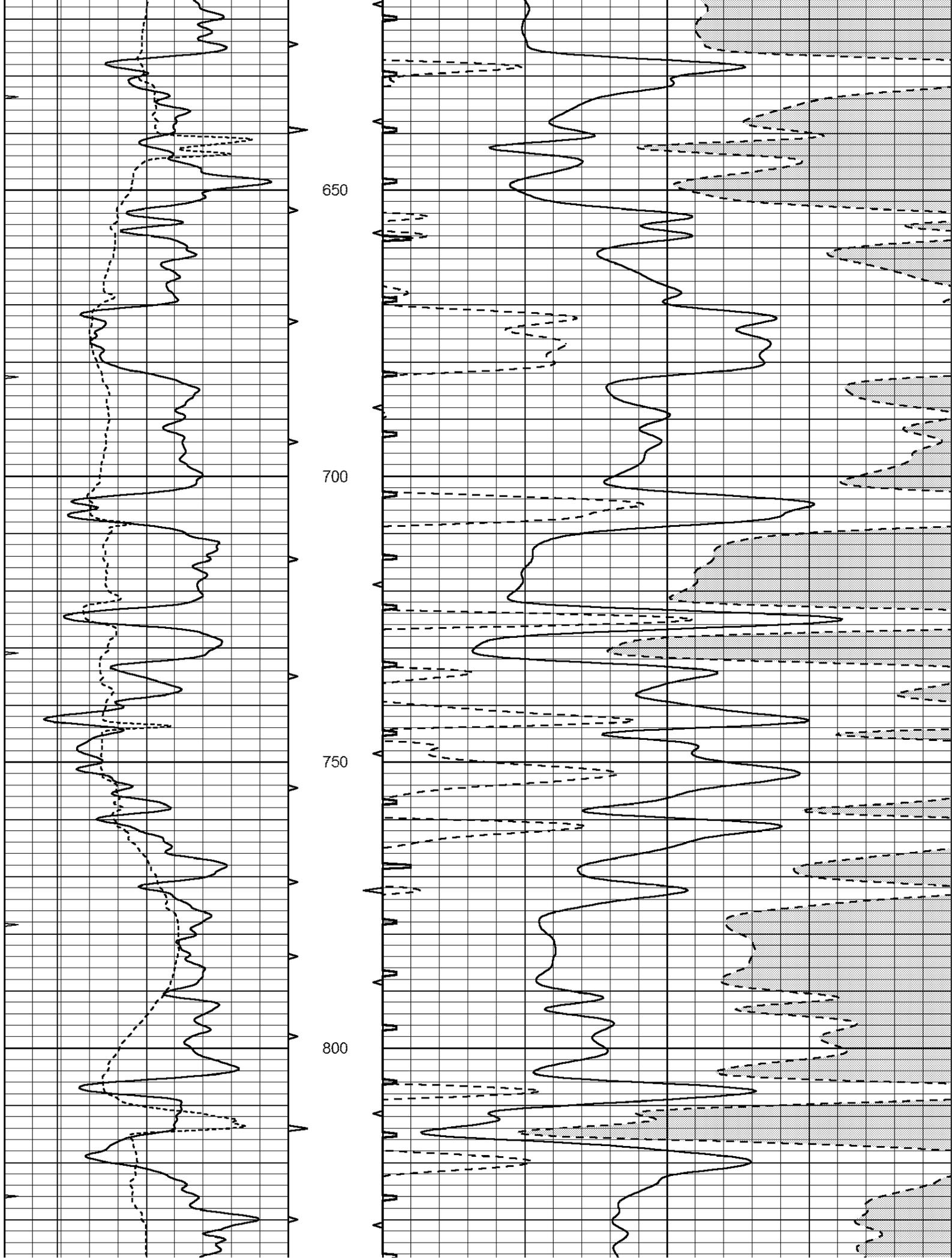
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 Dataset Creation: Sun Oct 08 07:15:00 2017 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

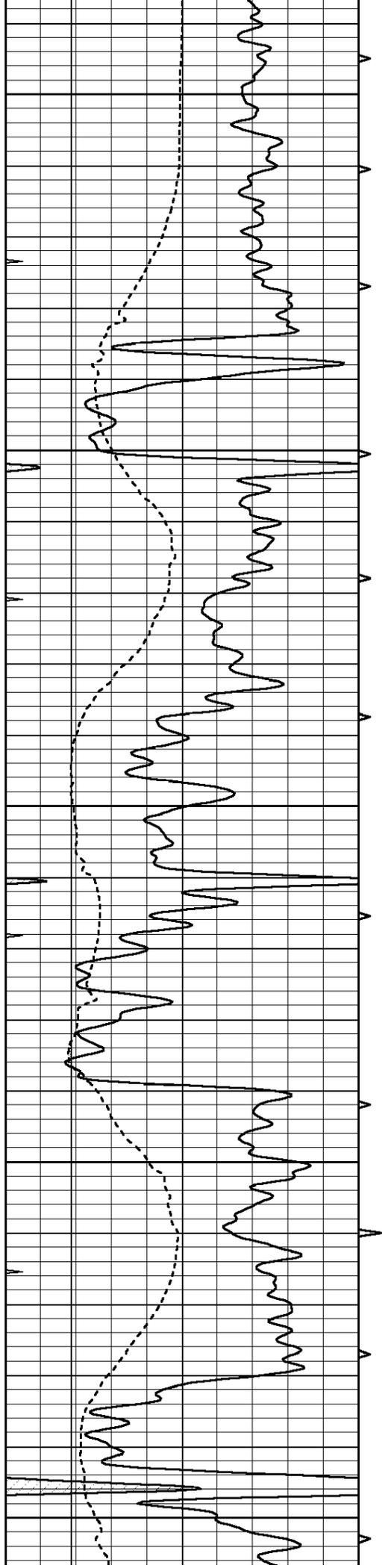
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			











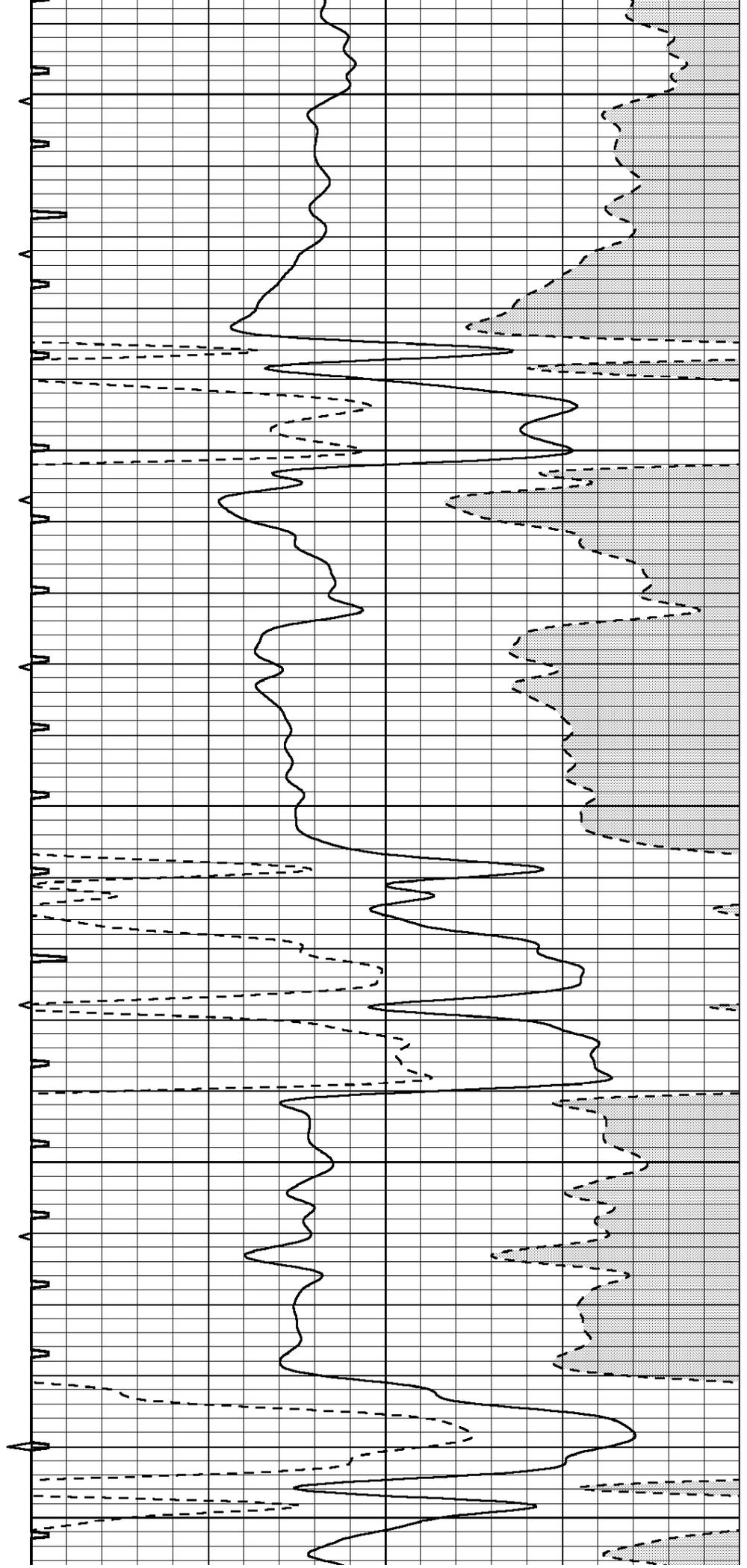
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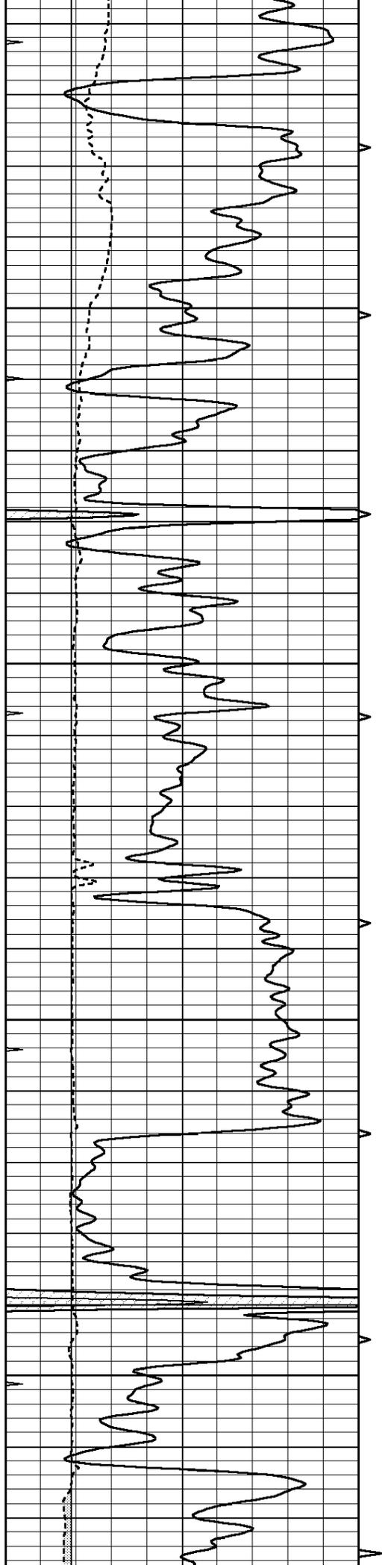
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950

1000

1050



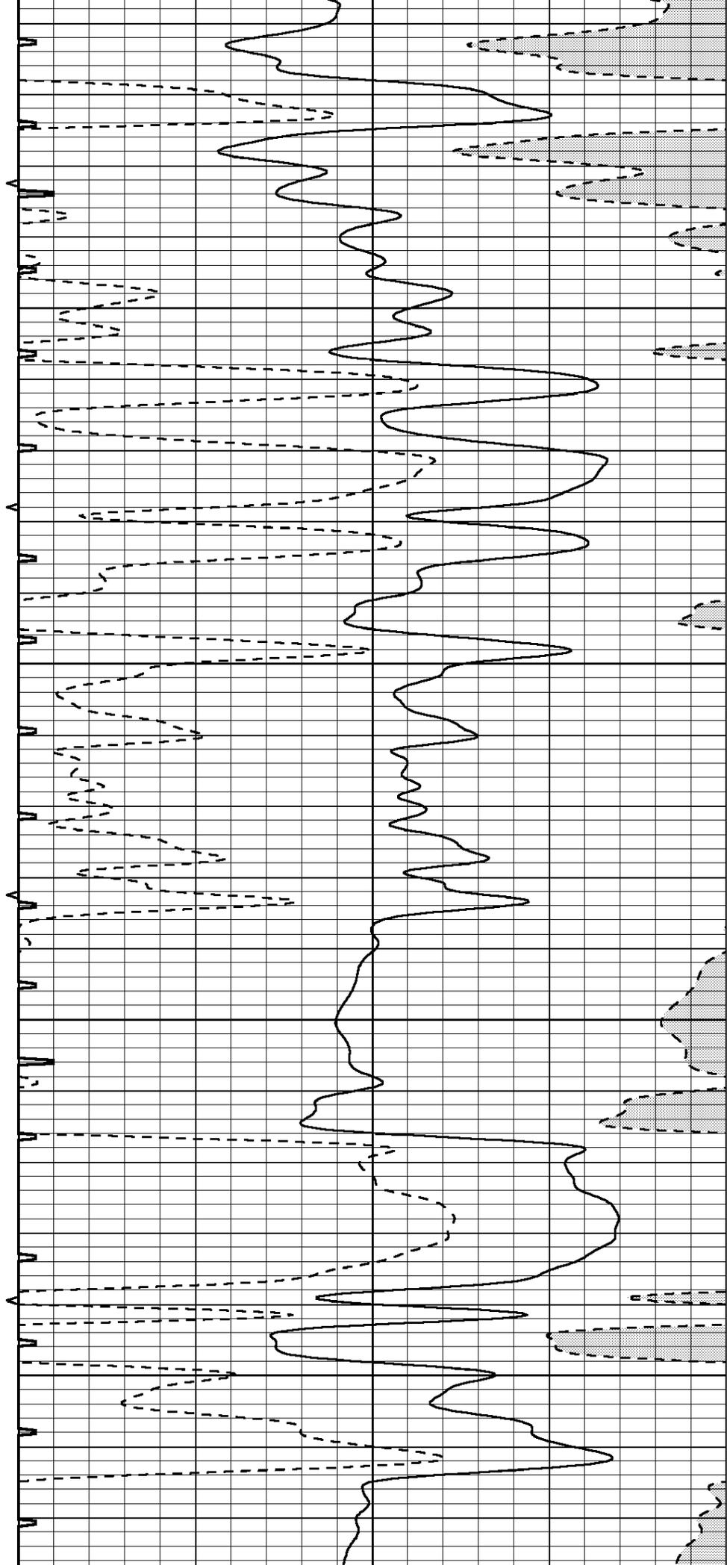


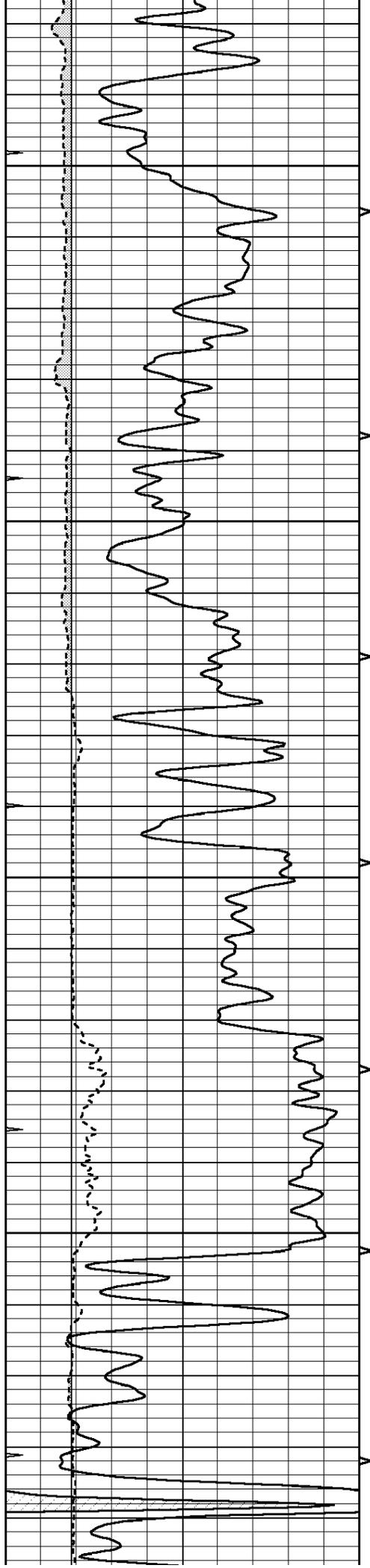
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1150

1200

1250



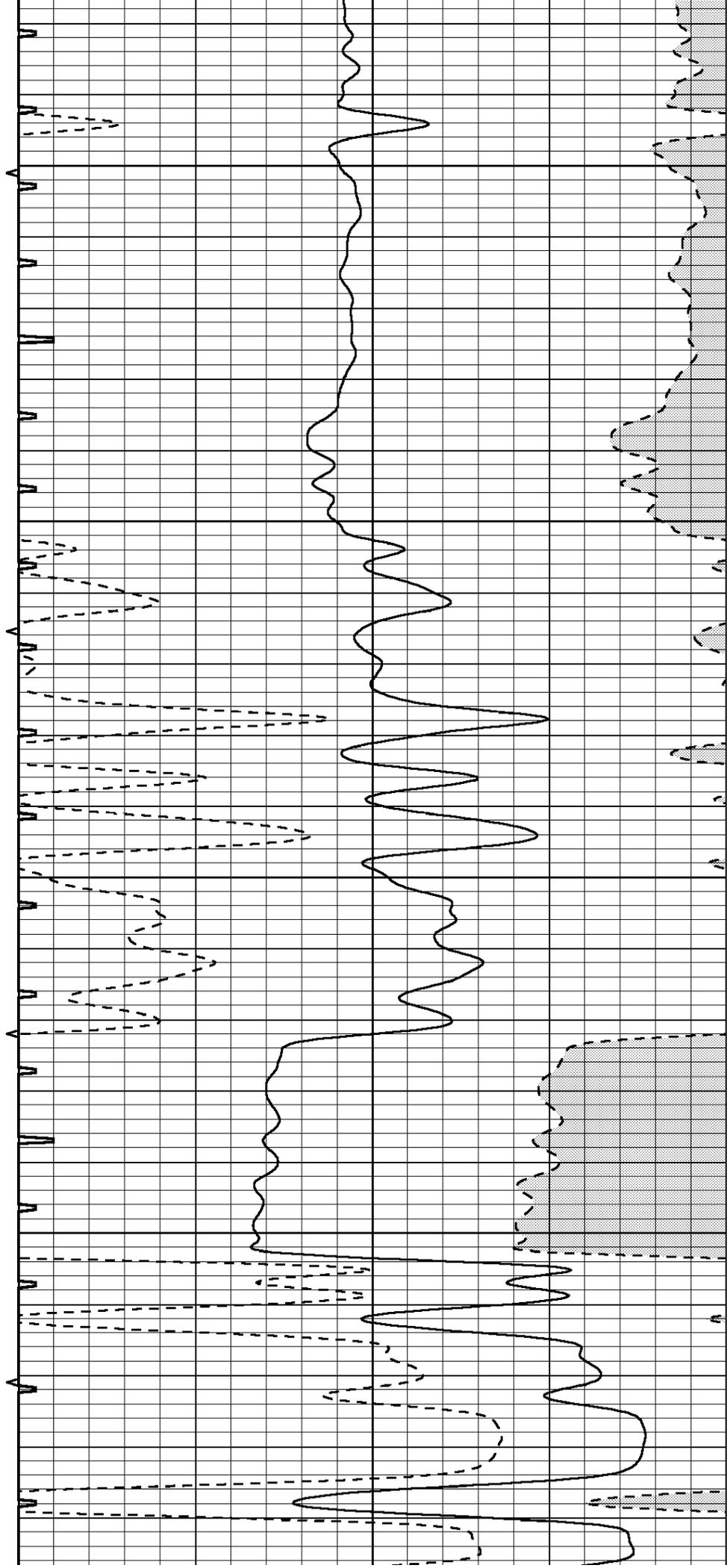


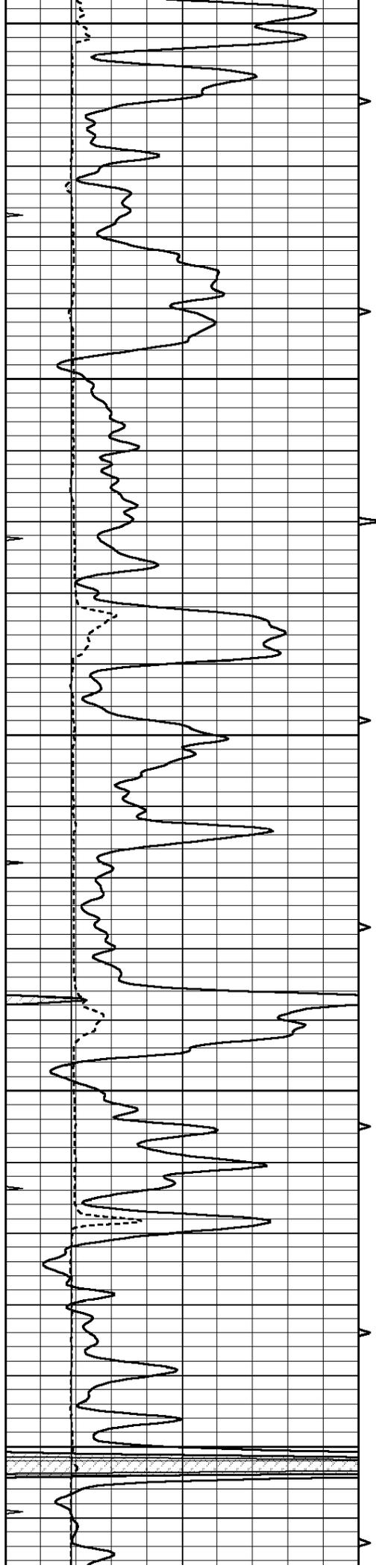
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1400

1450





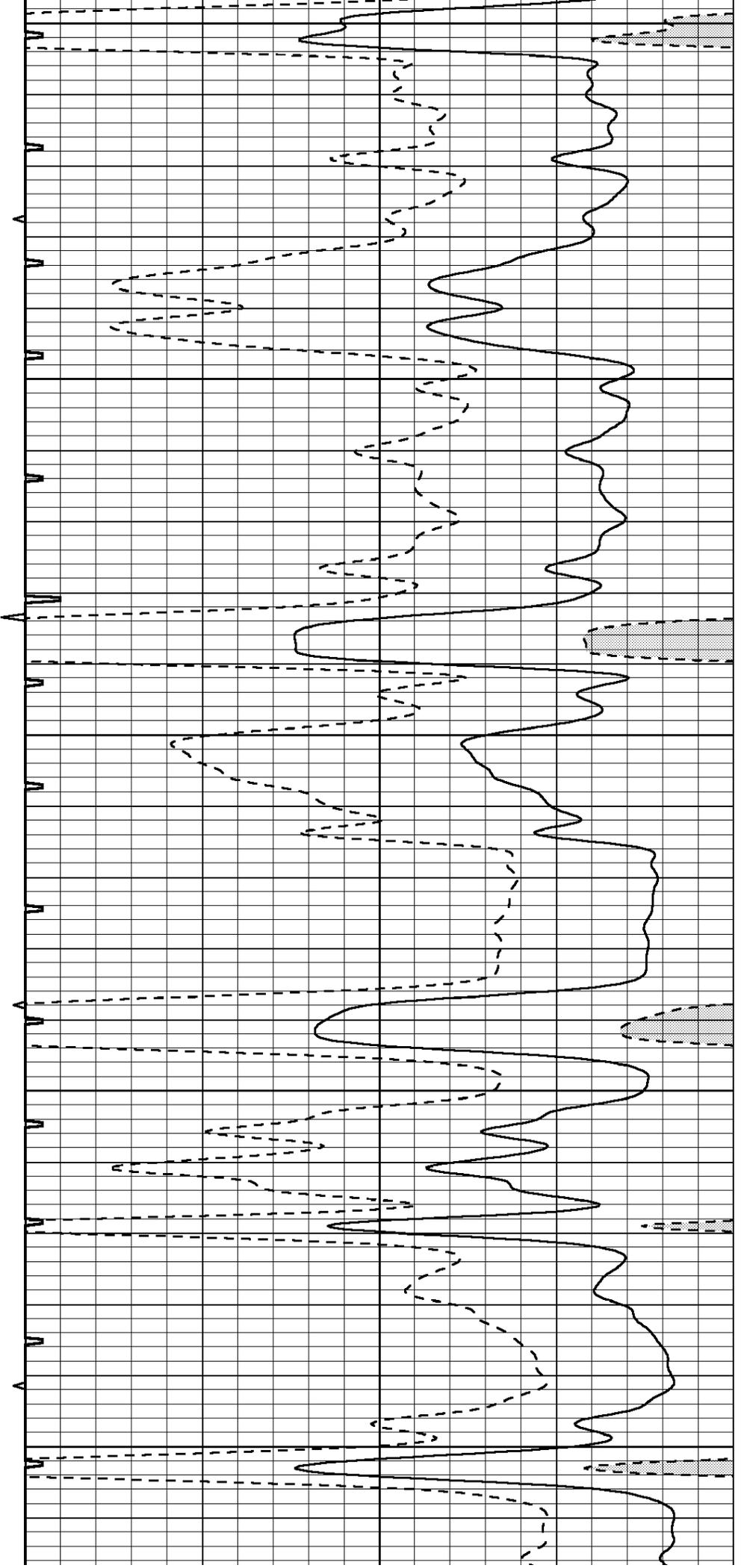
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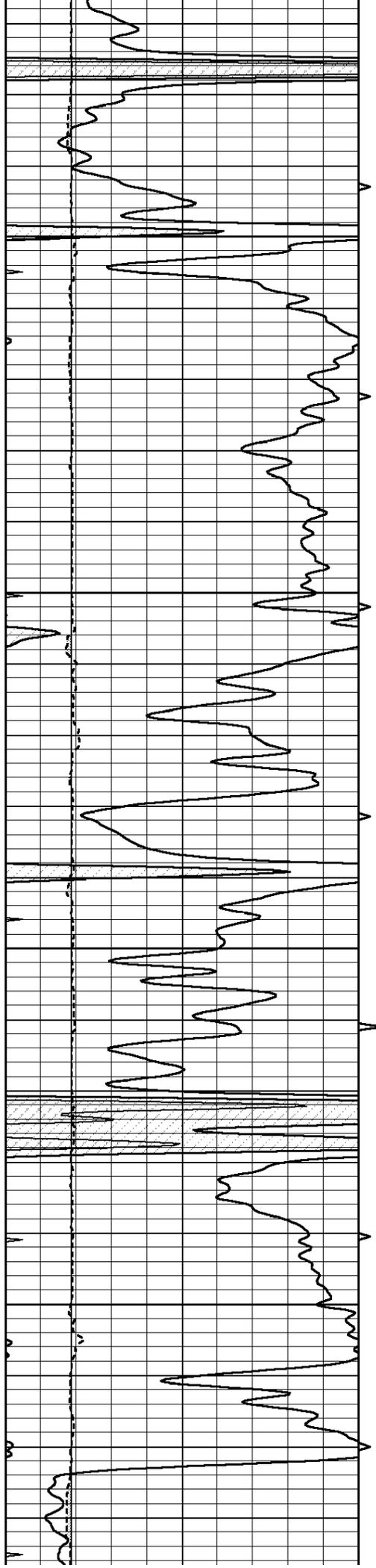
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1700



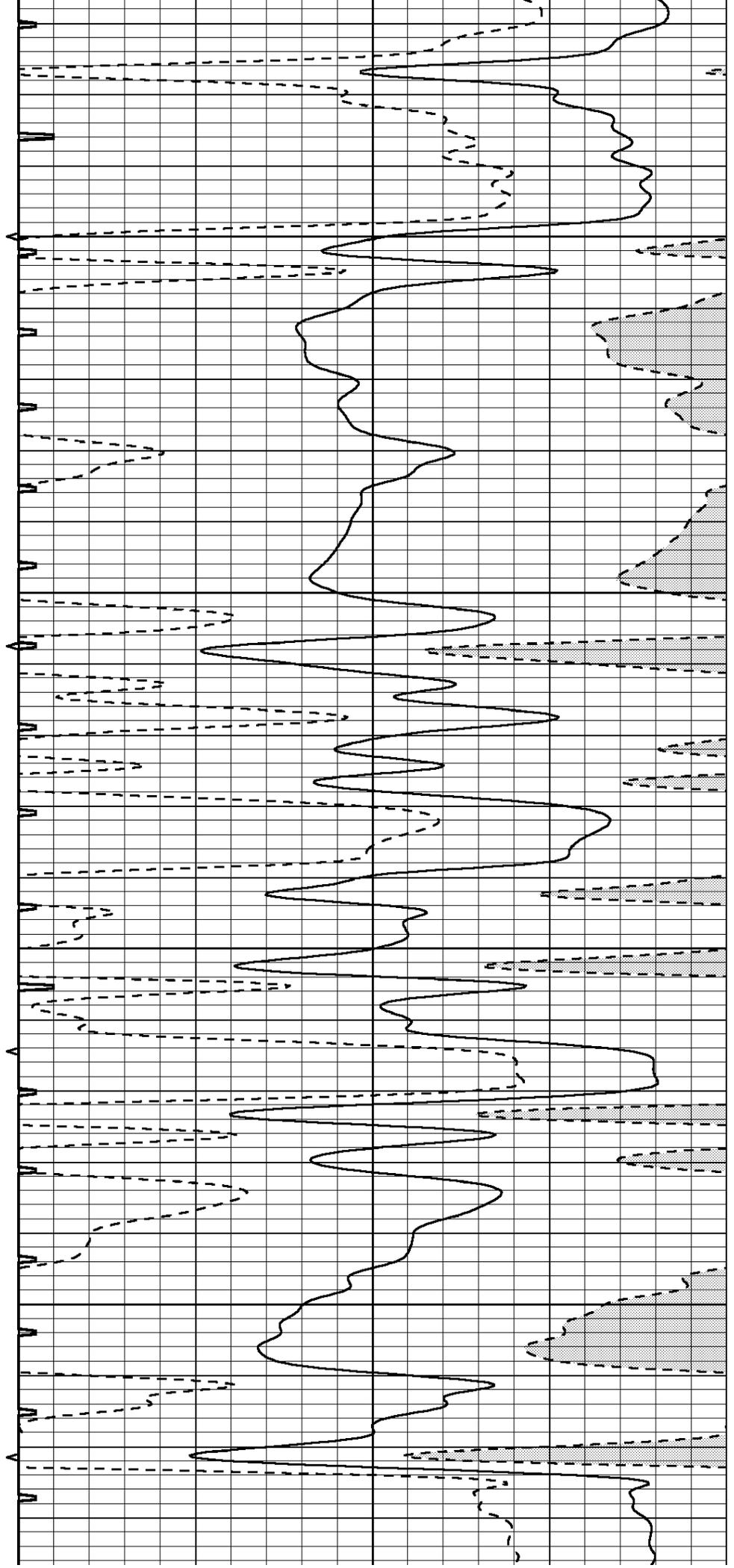


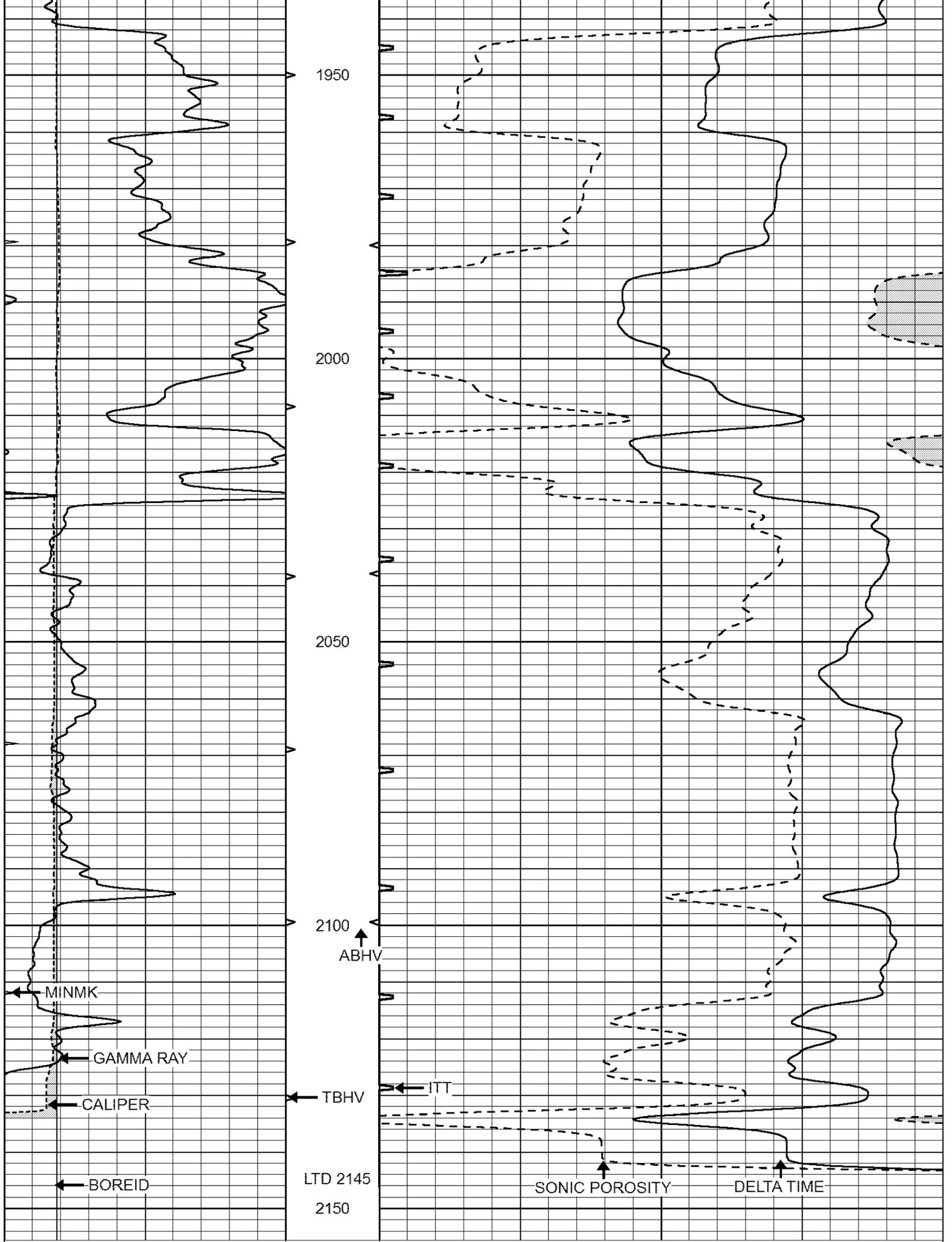
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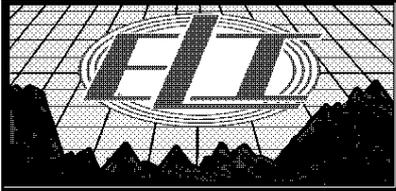
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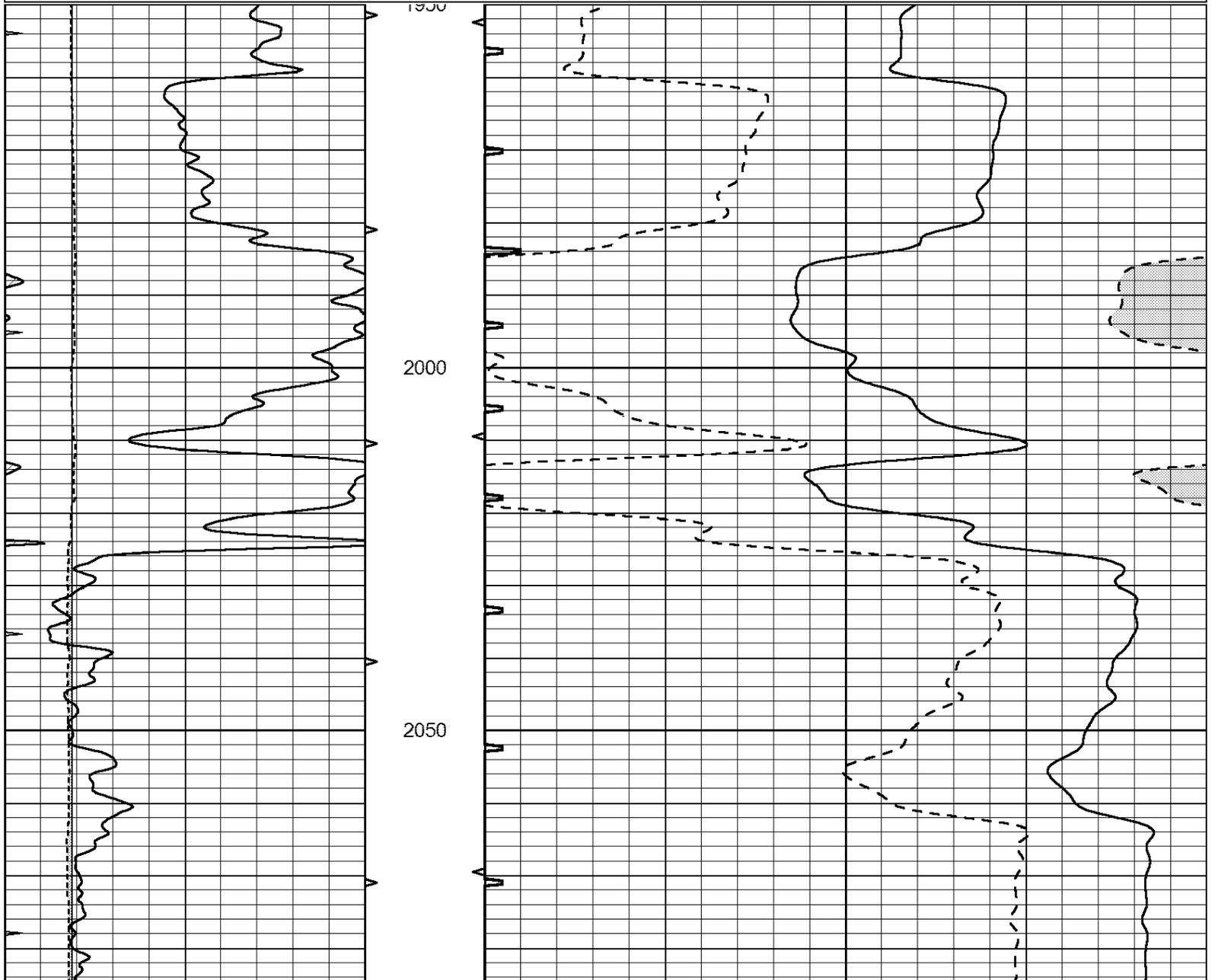
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0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3)	10			

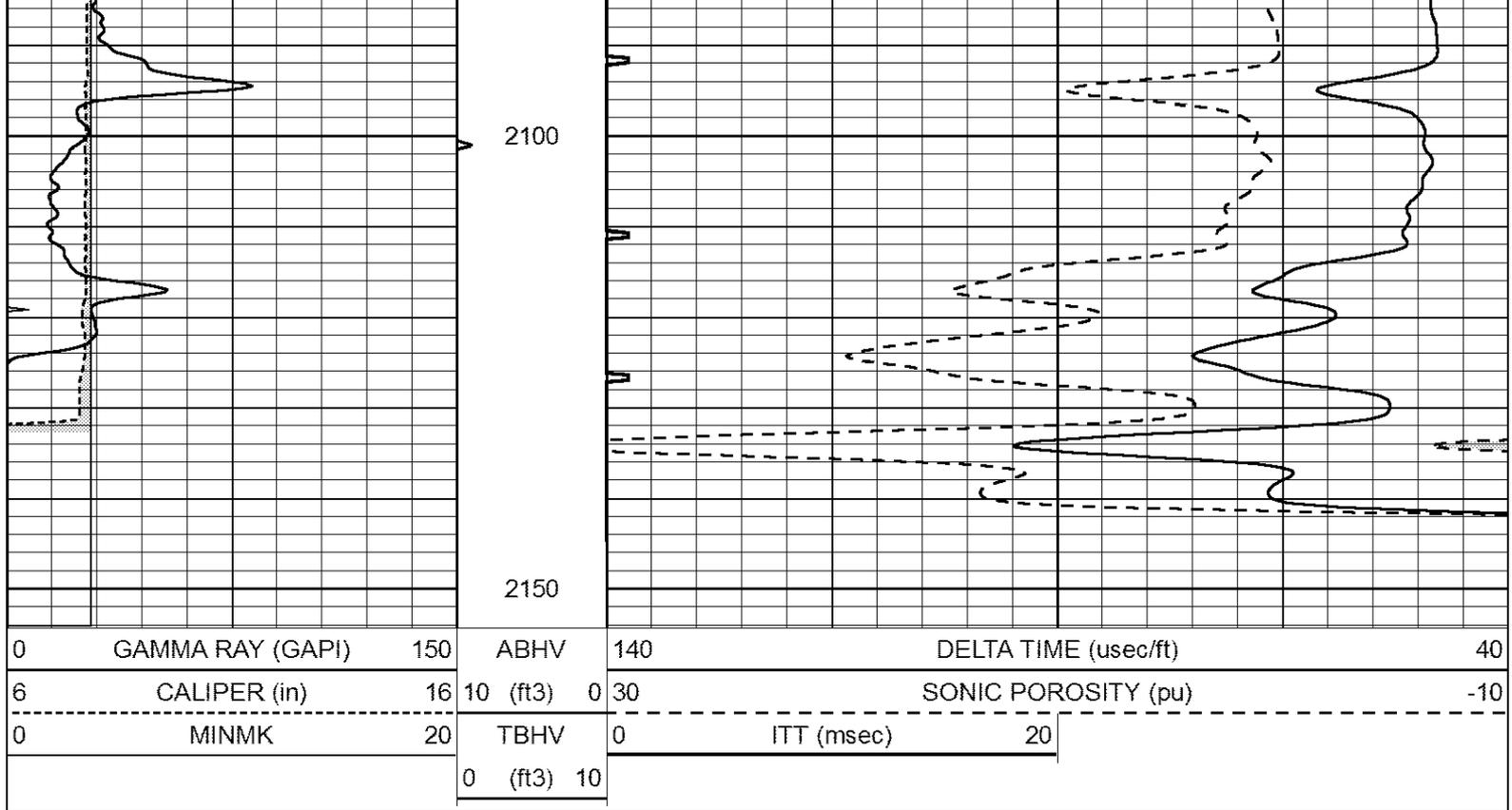


REPEAT SECTION

Database File: 2101pe.db
 Dataset Pathname: pass4.1
 Presentation Format: _slt
 Dataset Creation: Sun Oct 08 08:26:21 2017
 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
0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3)	10			





Calibration Report

Database File: 2101pe.db
 Dataset Pathname: pass4.1
 Dataset Creation: Sun Oct 08 08:26:21 2017

MICRO Calibration Report

Serial Number:	MICRO6	
Tool Model:	PROBE	
Performed:	Wed Aug 16 17:13:39 2017	
Caliper Calibration:	Gain=3.960	Offset=4.551
References	Low Cal	High Cal
Readings	7.000	14.000
	0.555	2.323
1.5" Calibration:	Gain=38.075	Offset=-0.400
References	Low Cal	High Cal
Readings	0.000	20.000
	0.004	1.196
2" Calibration:	Gain=48.000	Offset=-1.000
References	Low Cal	High Cal
Readings	0.000	20.000
	0.006	0.913

Gamma Ray Calibration Report

Serial Number:	GR2	
Tool Model:	OPEN	
Performed:	Wed Aug 16 17:13:40 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Sensitivity:

0.3800

GAPI/cps