SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

SONIC LOG

Company MOLITOR OIL, INC.

Well WILLIAMS #M-1

Field PUTMAN WEST

County BARTON State KANSAS

Location: API # : 15-009-25351

1850' FNL & 2280' FWL

SEC 12 TWP 17S RGE 14W

Other Services
CDL/CNL
MEL/DIL

Elevation
K.B. 1987
D.F.
G.L. 1980

Permanent Datum GROUND LEVEL Elevation 1980
Log Measured From KELLY BUSHING 7' A.G.L.
Drilling Measured From KELLY BUSHING

Date	11-1-09		
Run Number	TWO		
Depth Driller	3550		
Depth Logger	3550		
Bottom Logged Interval	3543		
Top Log Interval	470		
Casing Driller	473		
Casing Logger	473		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1 / 48		
pH / Fluid Loss	8.5 / 9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.50 @ 81F		
Rmf @ Meas. Temp	0.38 @ 81F		
Rmc @ Meas. Temp	0.60 @ 81F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.370 @ 110F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	8:30 A.M.		
Maximum Recorded Temperature	110F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	SCOTT ALBERG	STEVE MOLITOR	

Company MOLITOR OIL, INC.
Well WILLIAMS #M-1
Field PUTMAN WEST
County BARTON
State KANSAS

<<< Fold Here >>>

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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: HOISINGTON, W TO NW 20TH RD., 4N TO 160TH, 1/2W, S INTO.

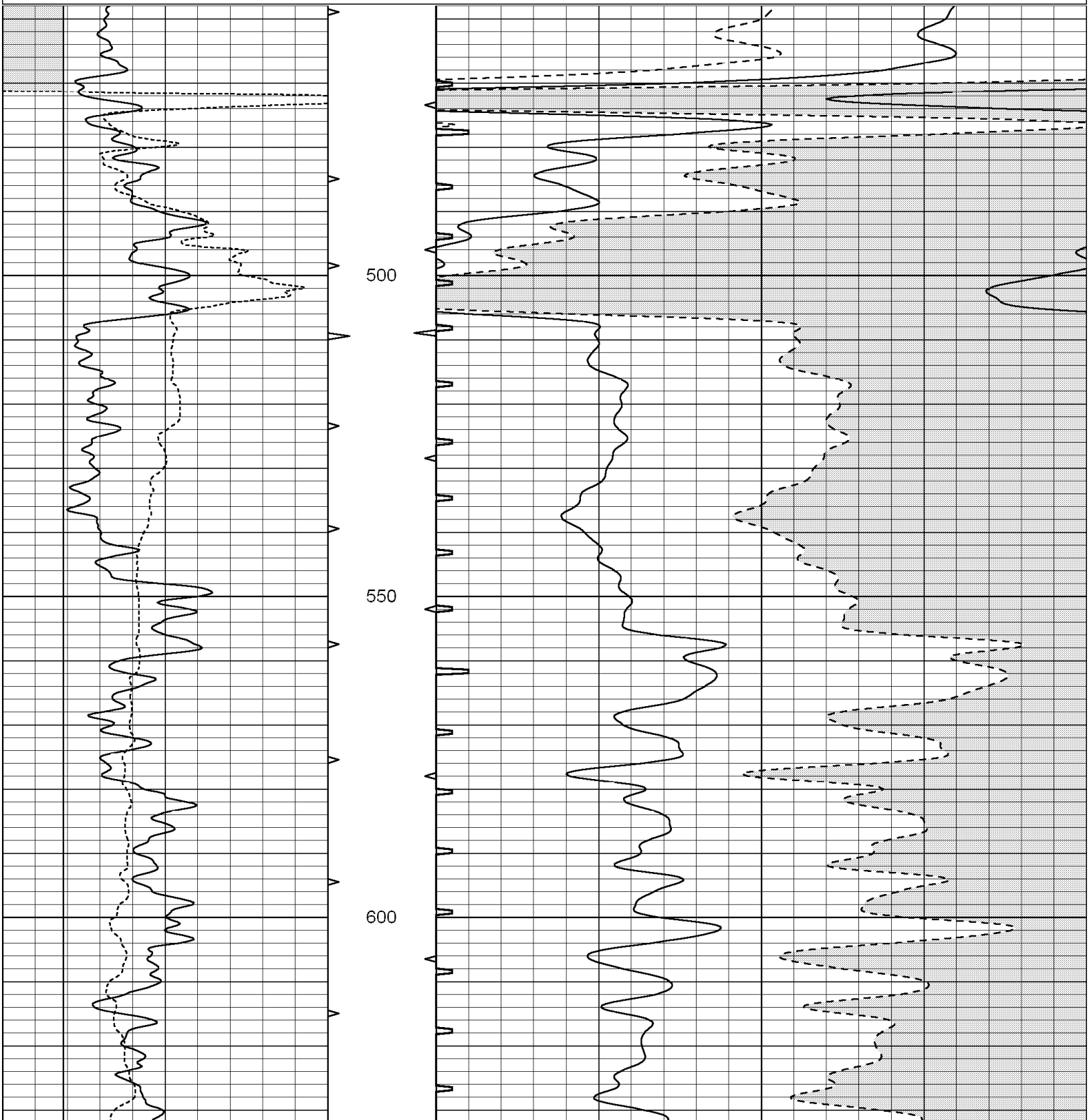
MAIN SECTION

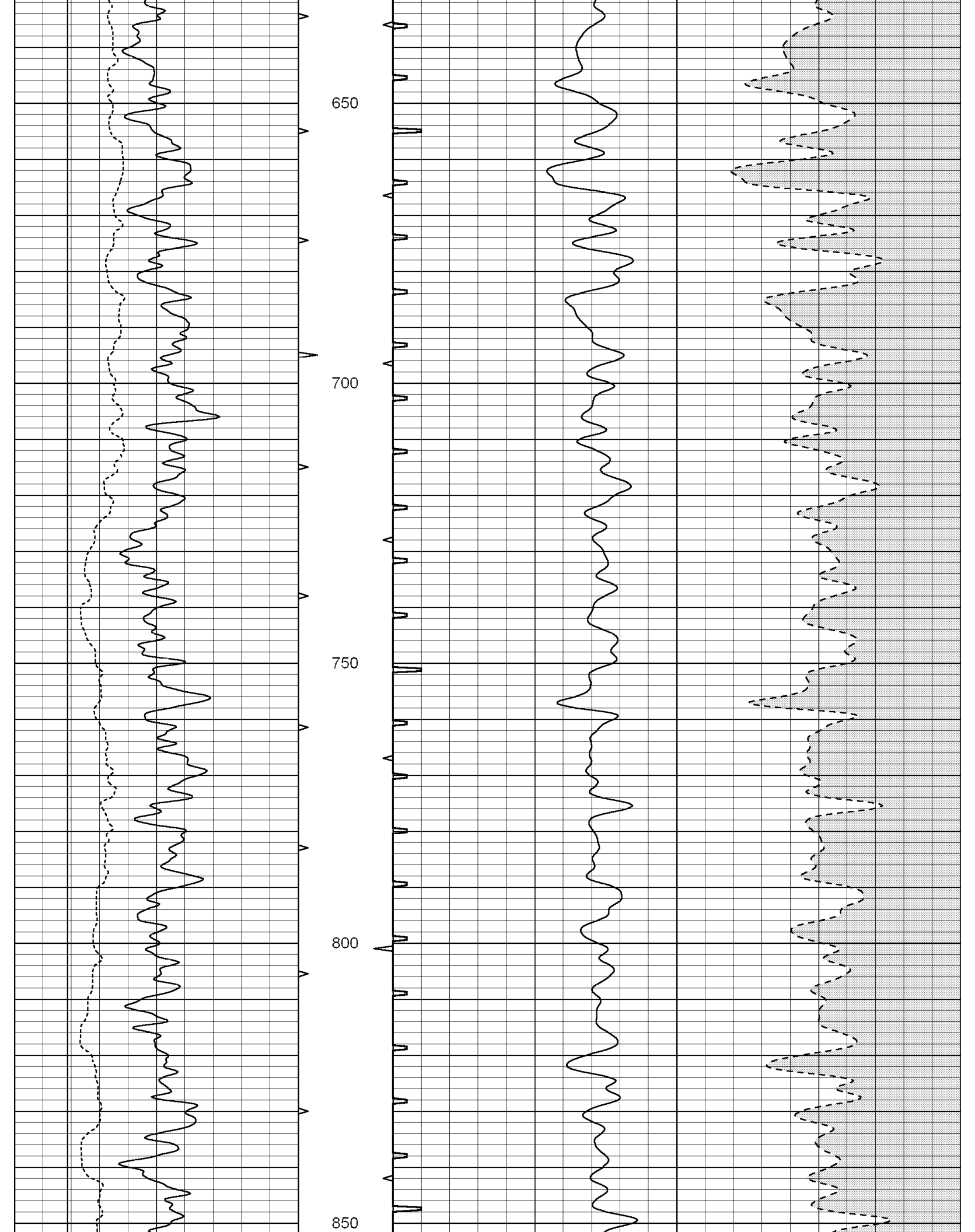
SUPERIOR
Hays,
Kansas
SUPERIOR WELL SERVICES

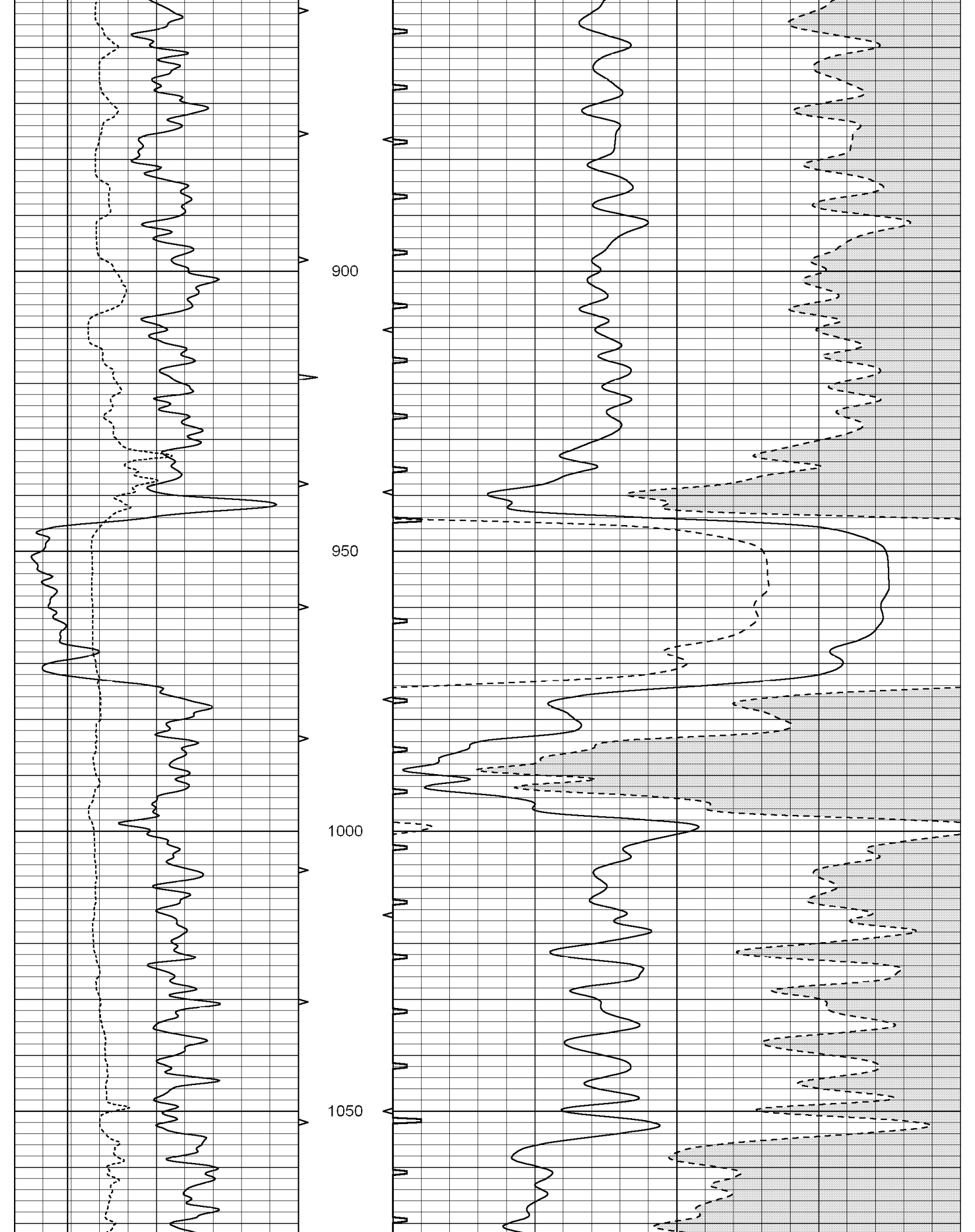
Kansas

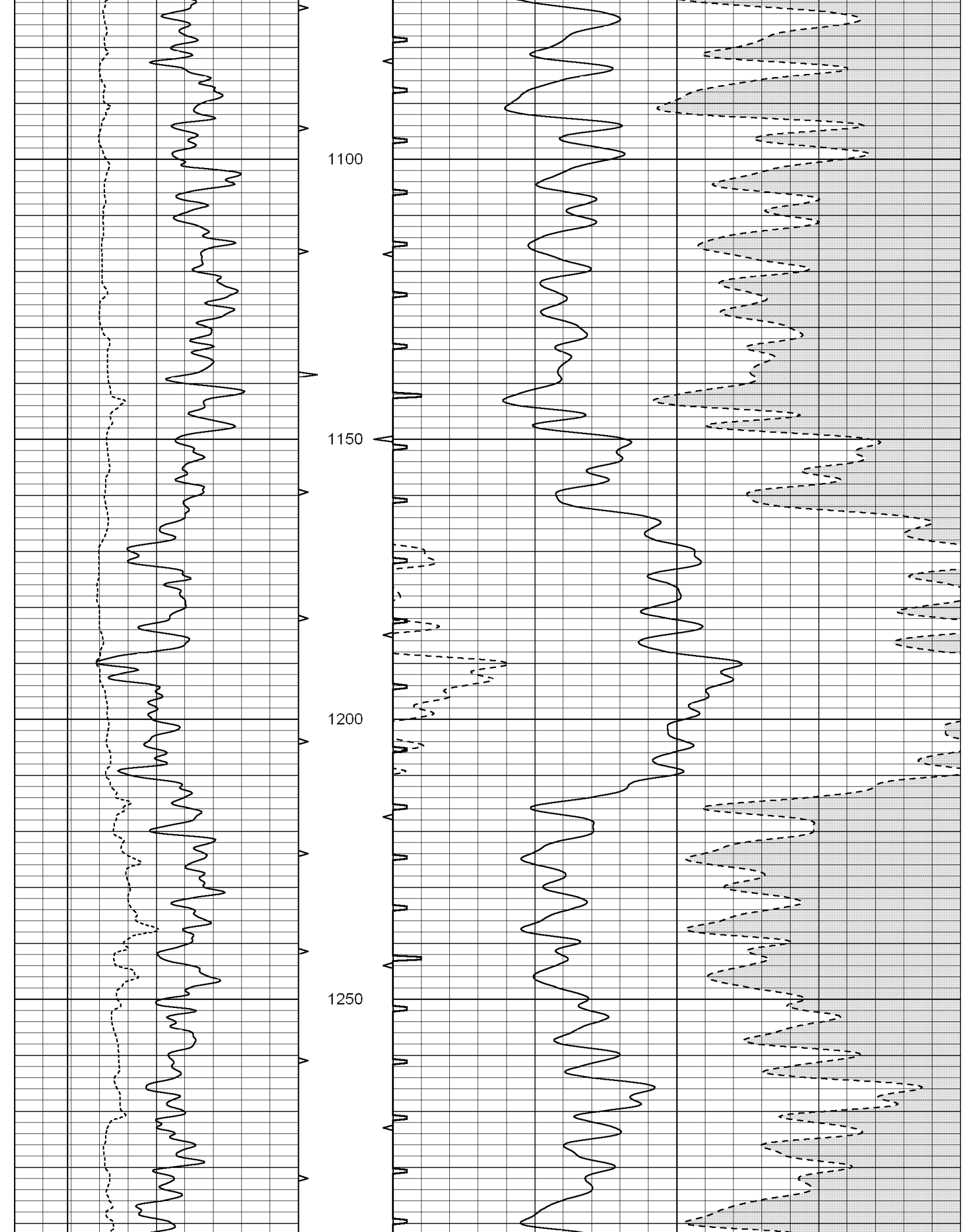
Database File:	004275ddn.db
Dataset Pathname:	pass5A
Presentation Format:	slt
Dataset Creation:	Sun Nov 01 12:15:21 2009
Charted by:	Depth in Feet scaled 1:240

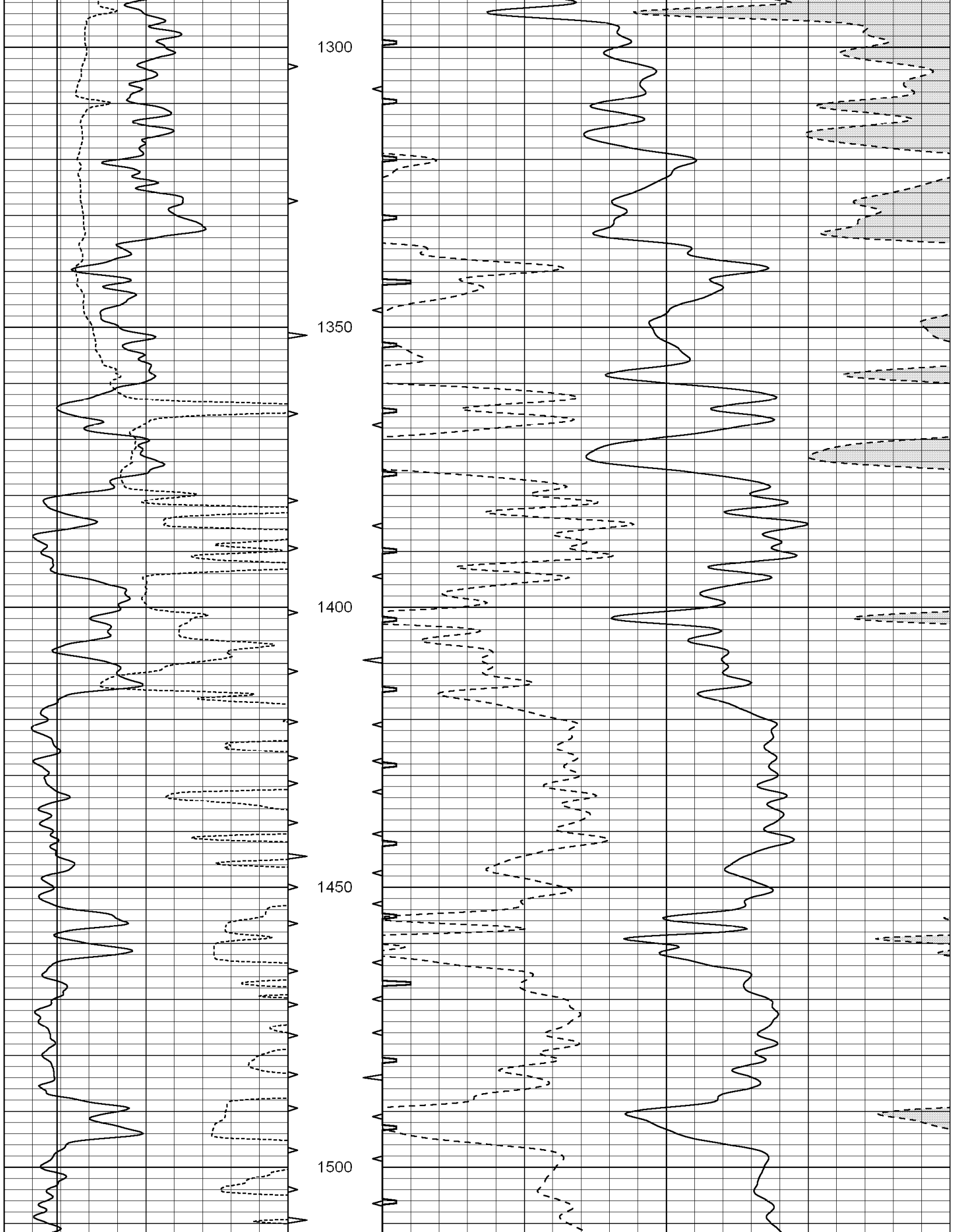
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft) 40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu) -10
			TBHV	0	ITT (msec) 20
			0 (ft3) 10		

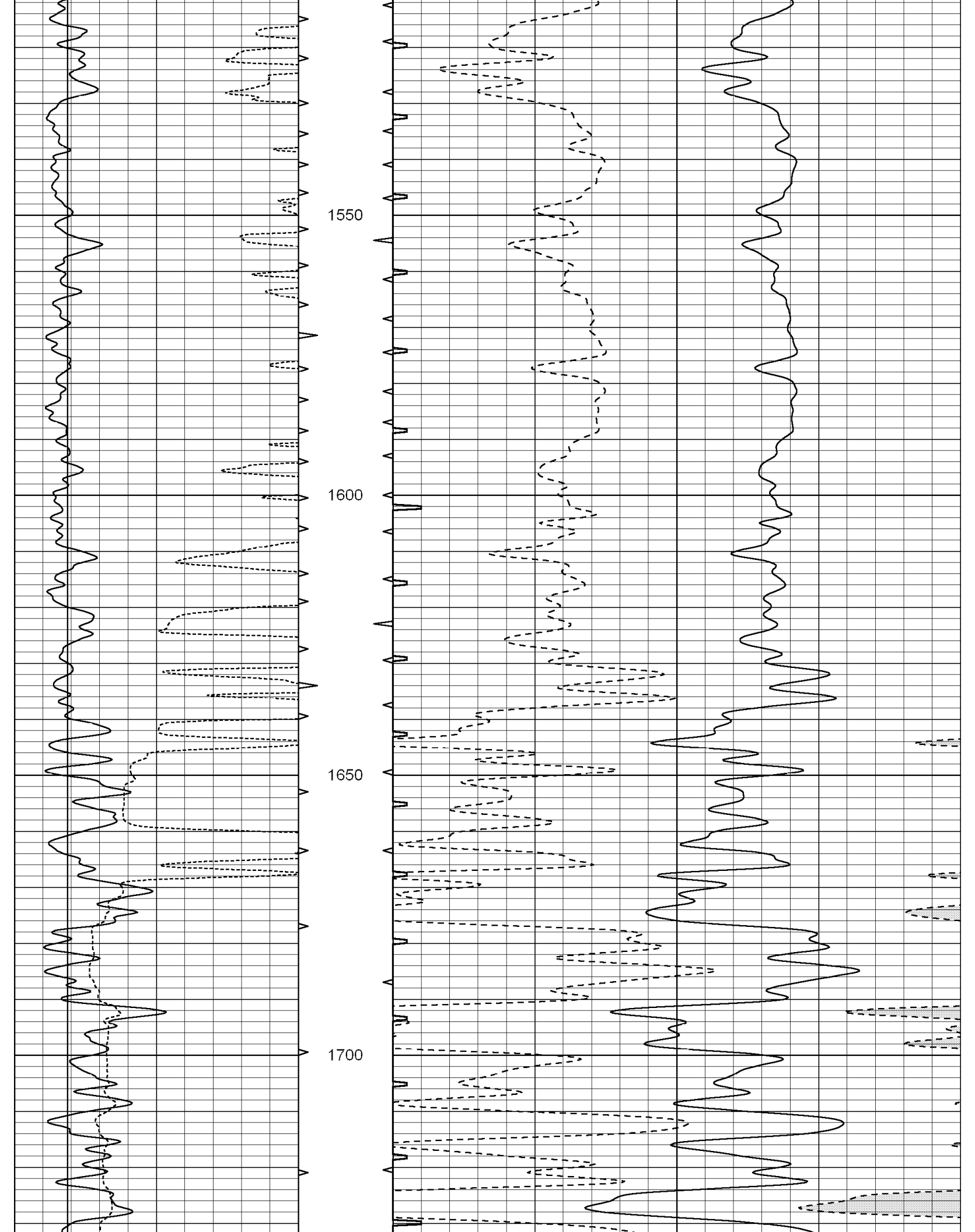


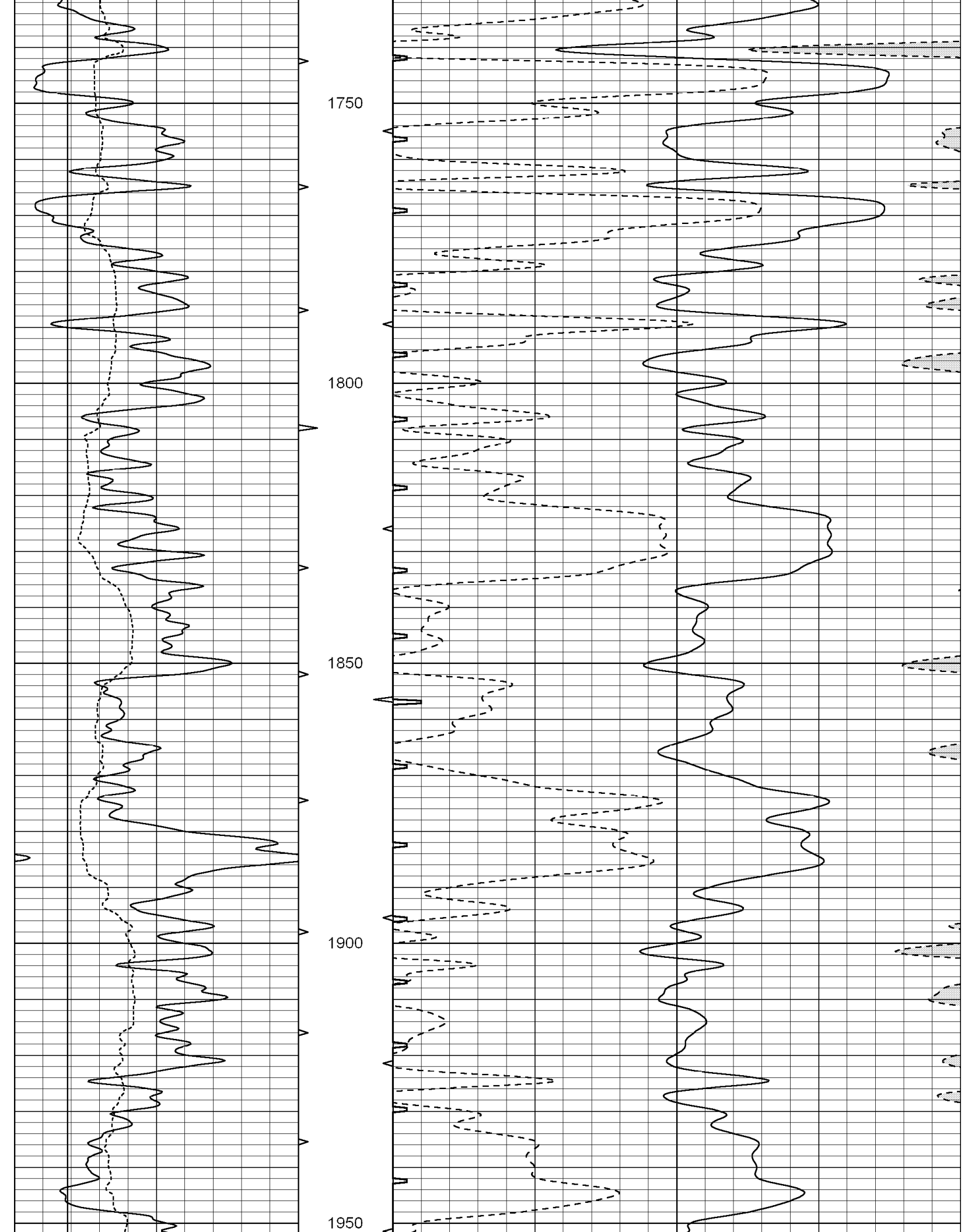

650
700
750
800
850

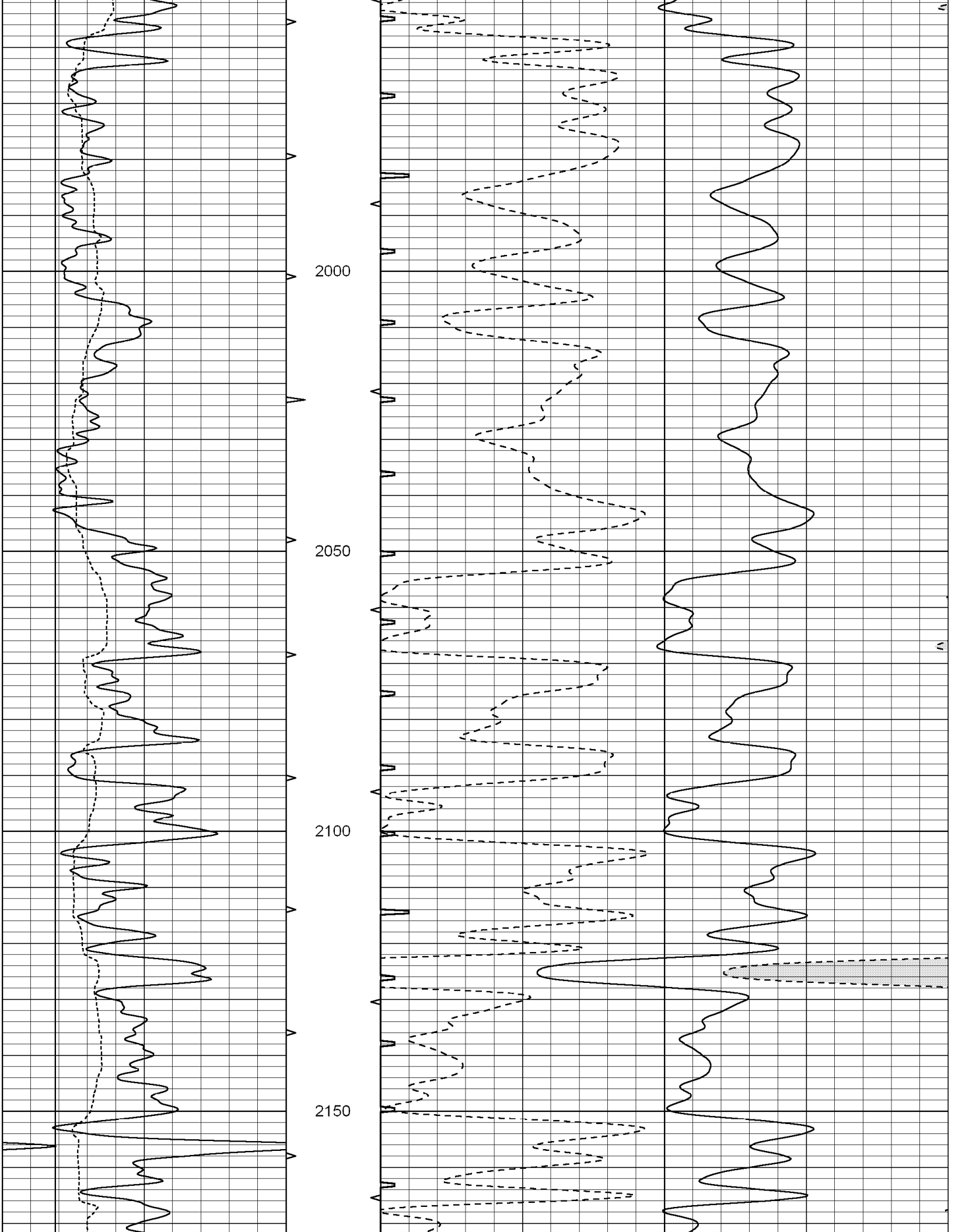

900
950
1000
1050

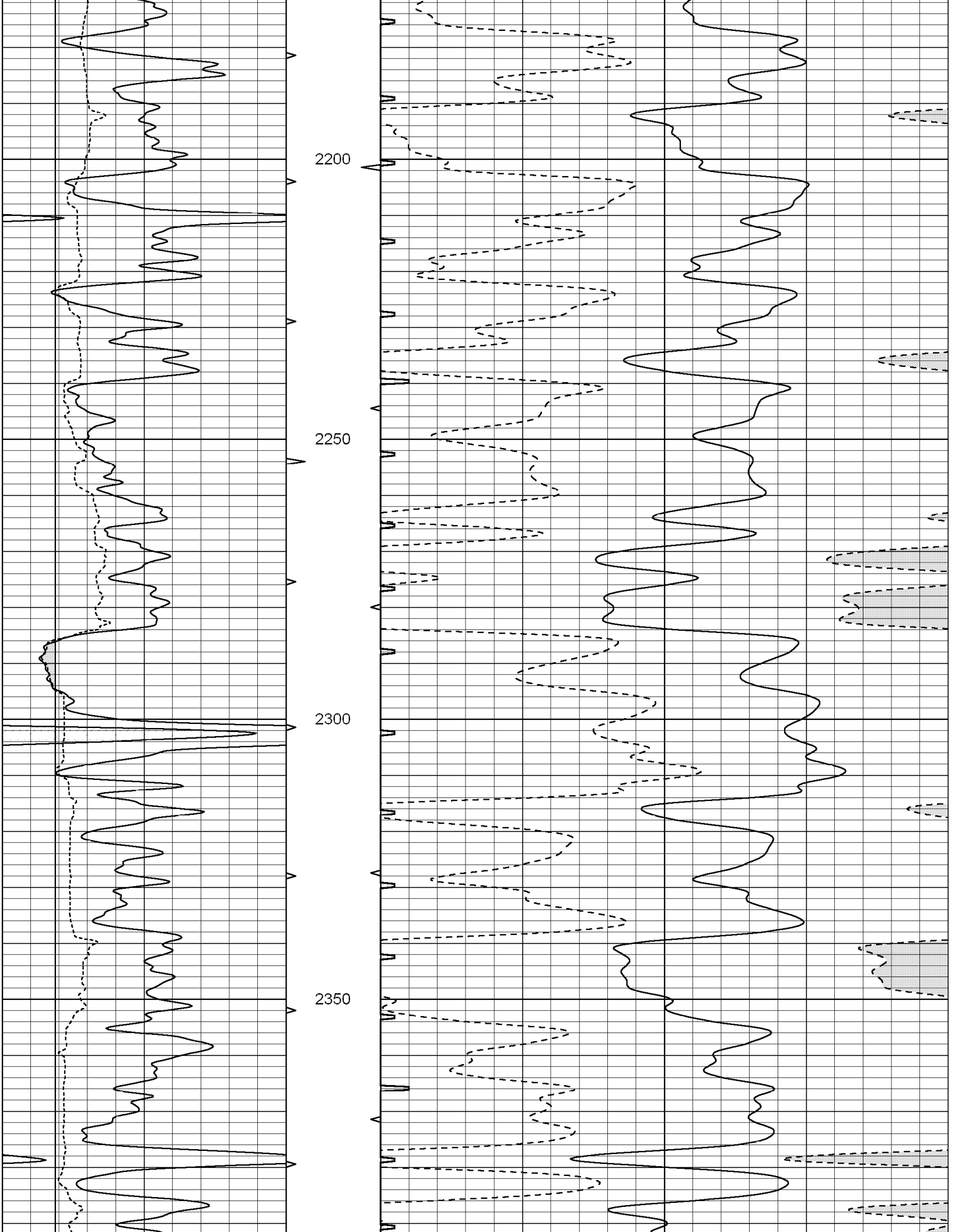

1100
1150
1200
1250

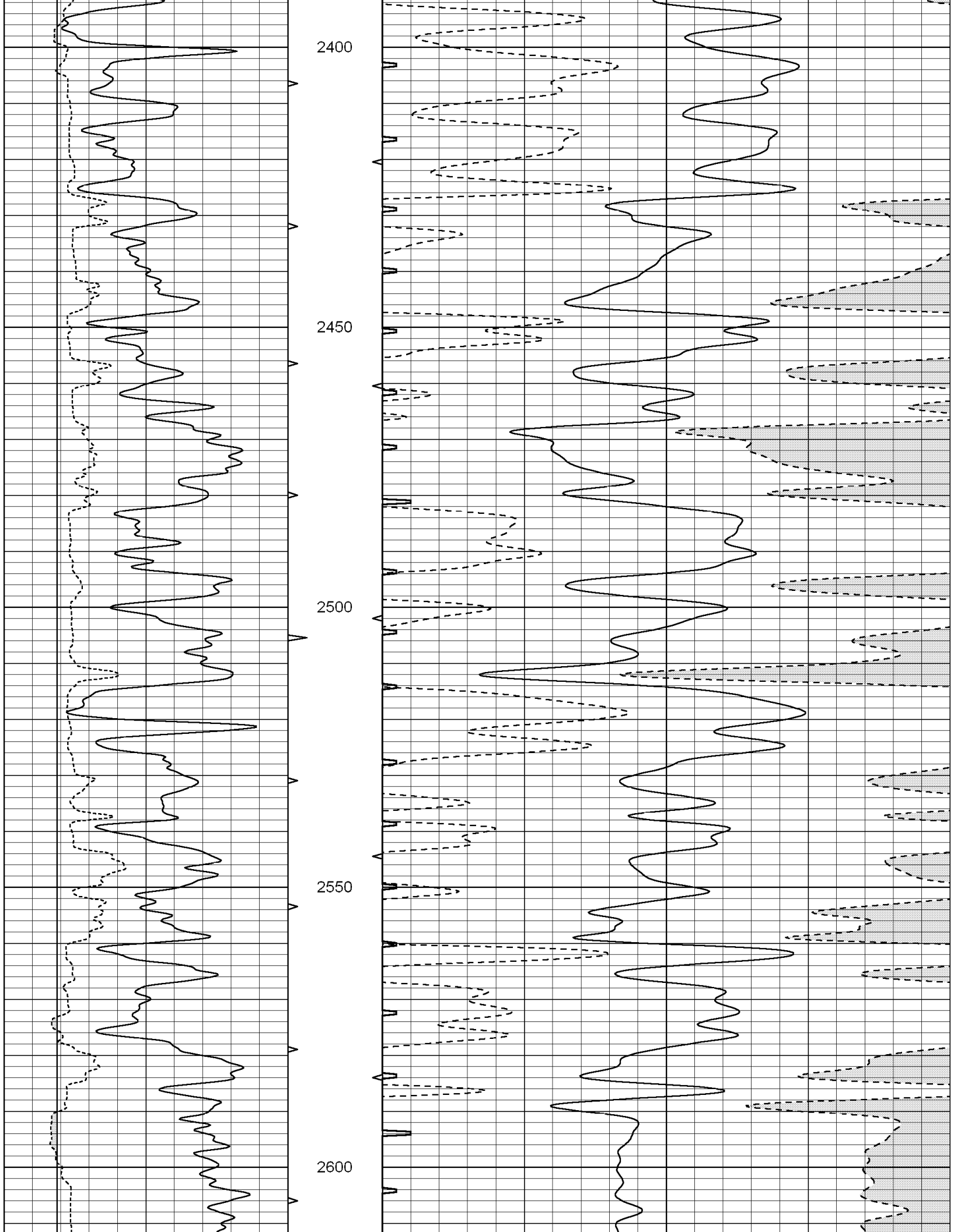

1300
1350
1400
1450
1500

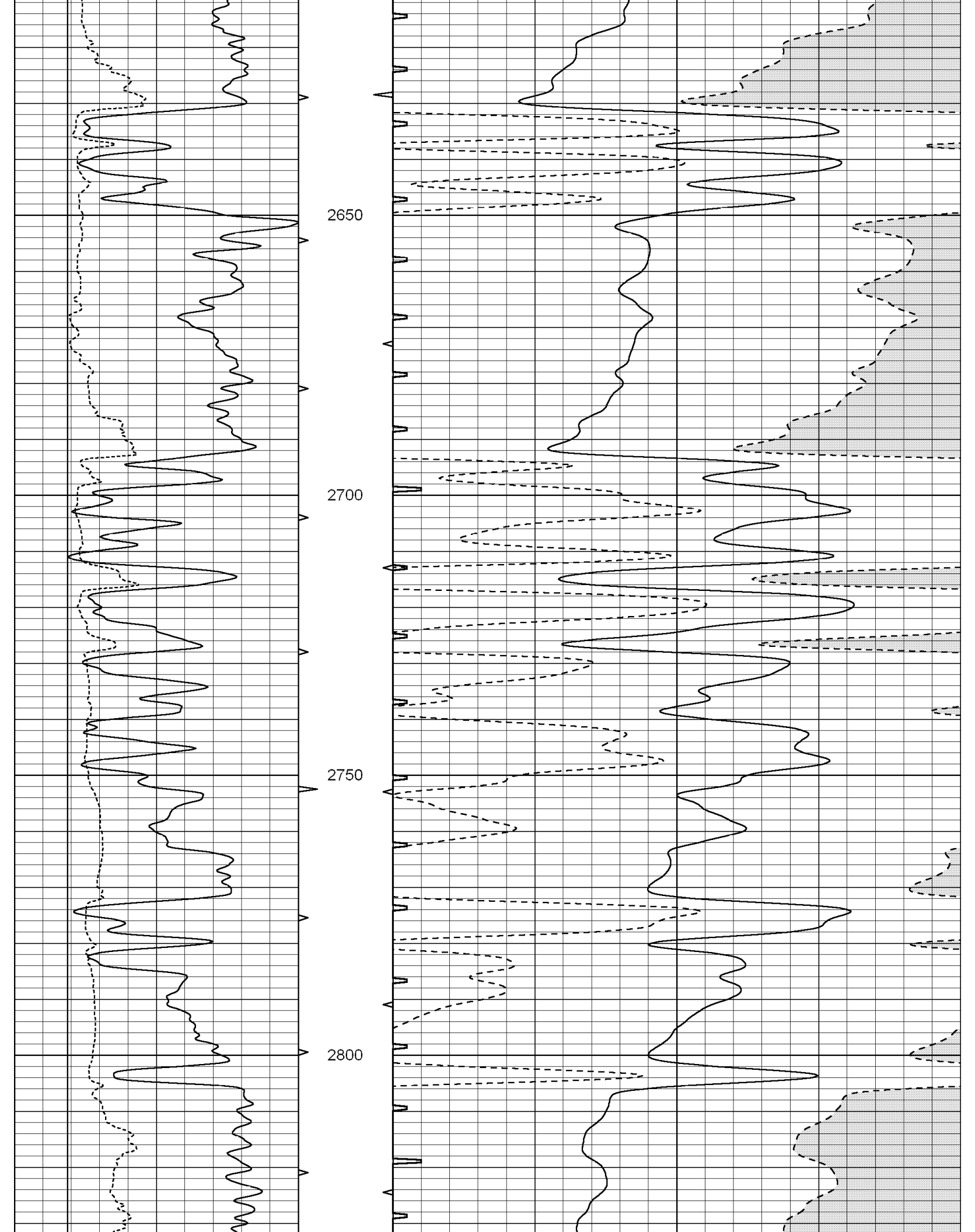

1550
1600
1650
1700

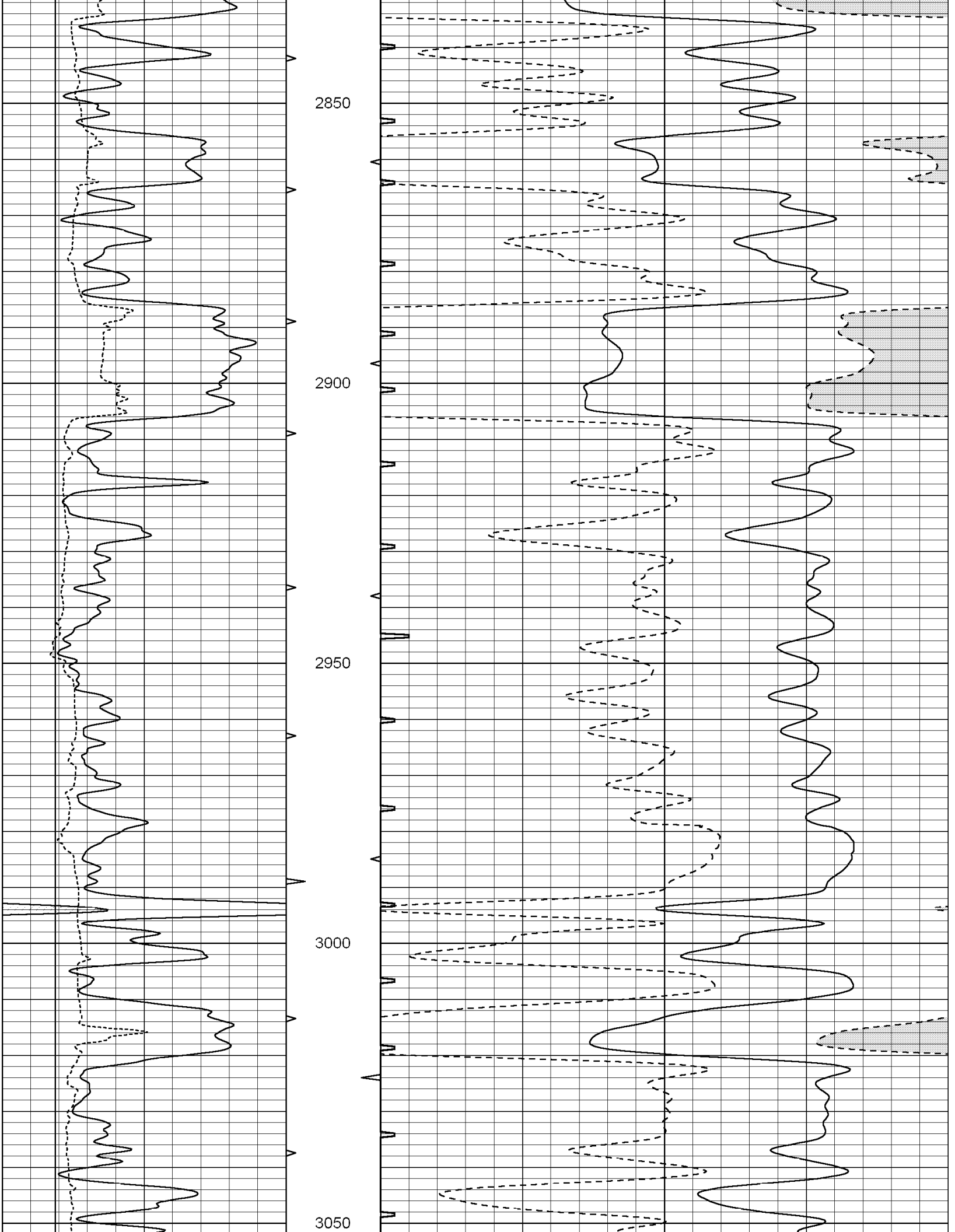

1750
1800
1850
1900
1950

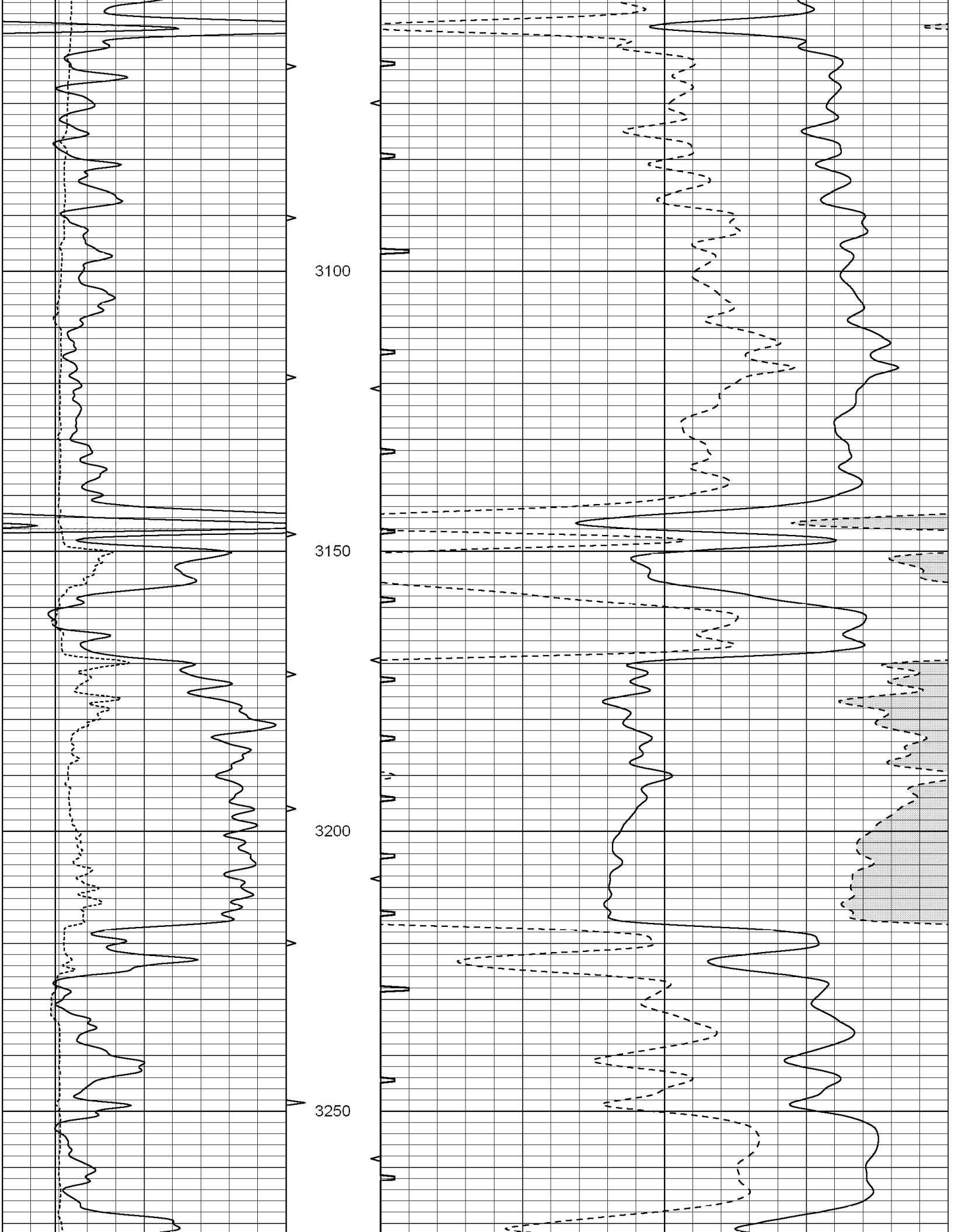

2000
2050
2100
2150

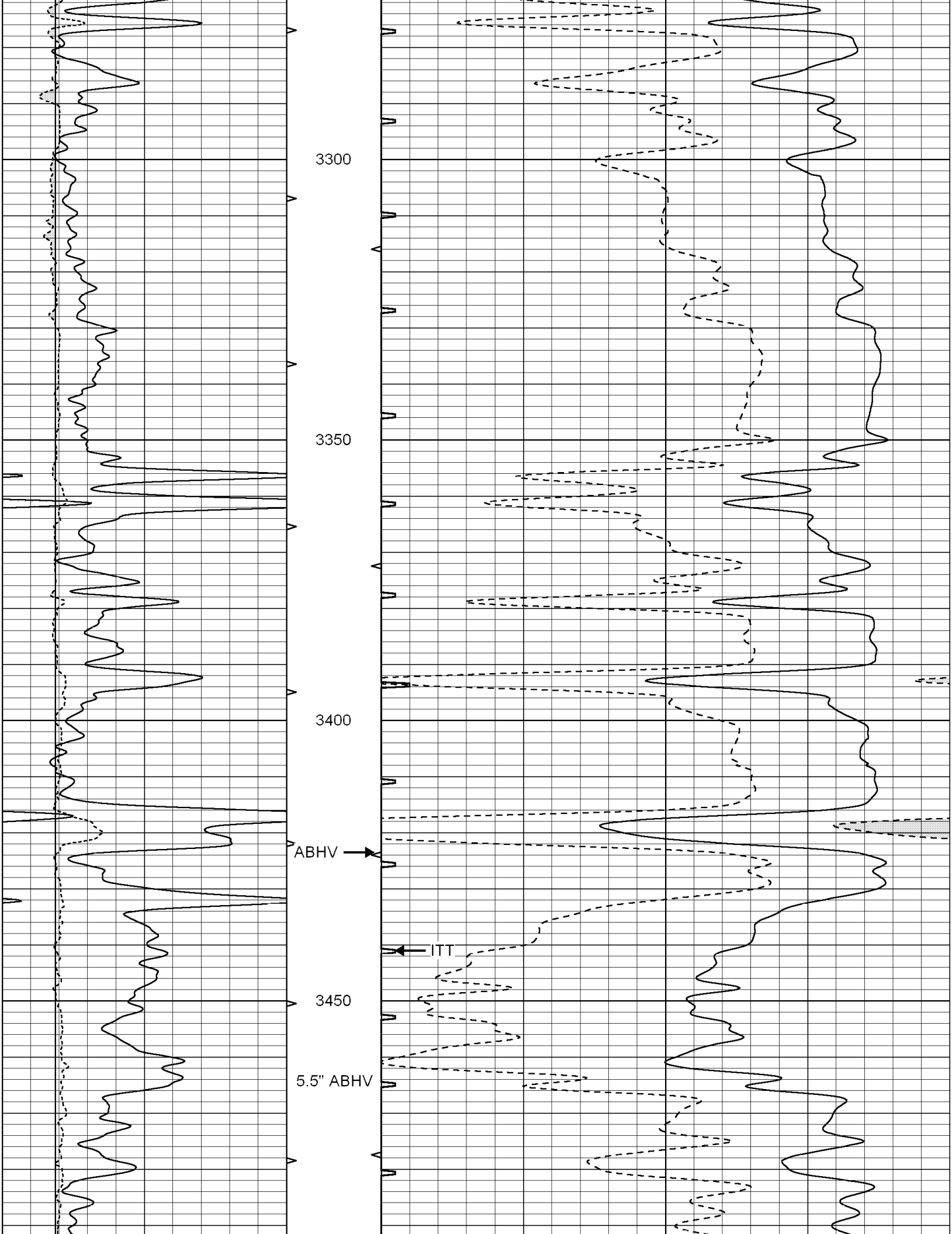

2200
2250
2300
2350

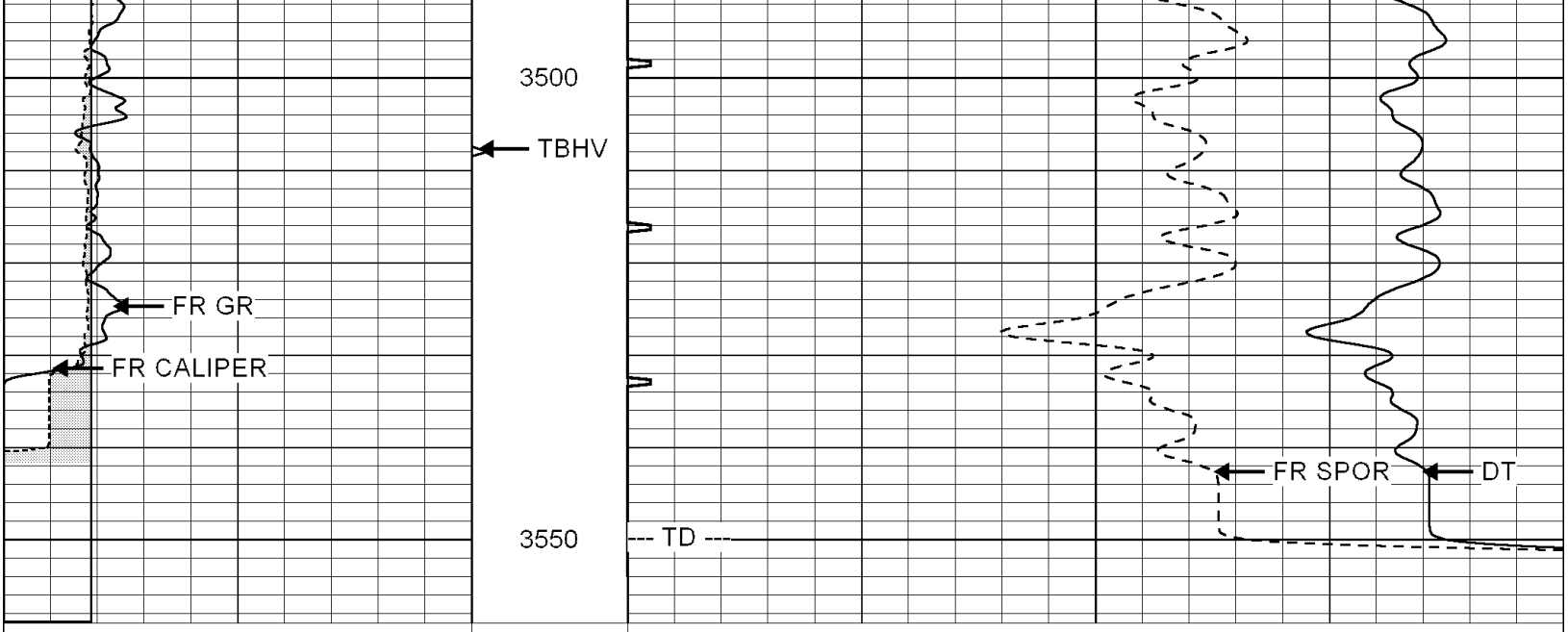

2400
2450
2500
2550
2600


2650
2700
2750
2800


2850
2900
2950
3000
3050


3100
3150
3200
3250


3300
3350
3400
ABHV
ITT
3450
5.5" ABHV



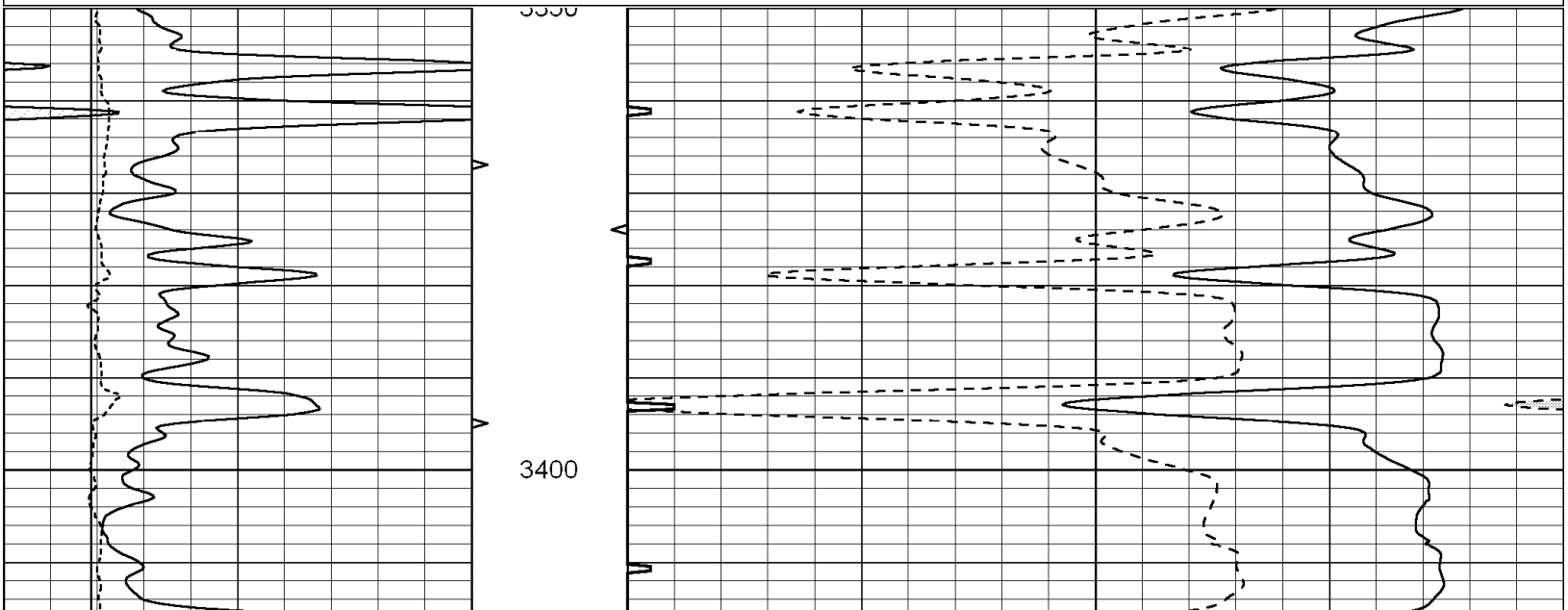
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft) 40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu) -10
			TBHV	0	ITT (msec) 20
			0 (ft3) 10		

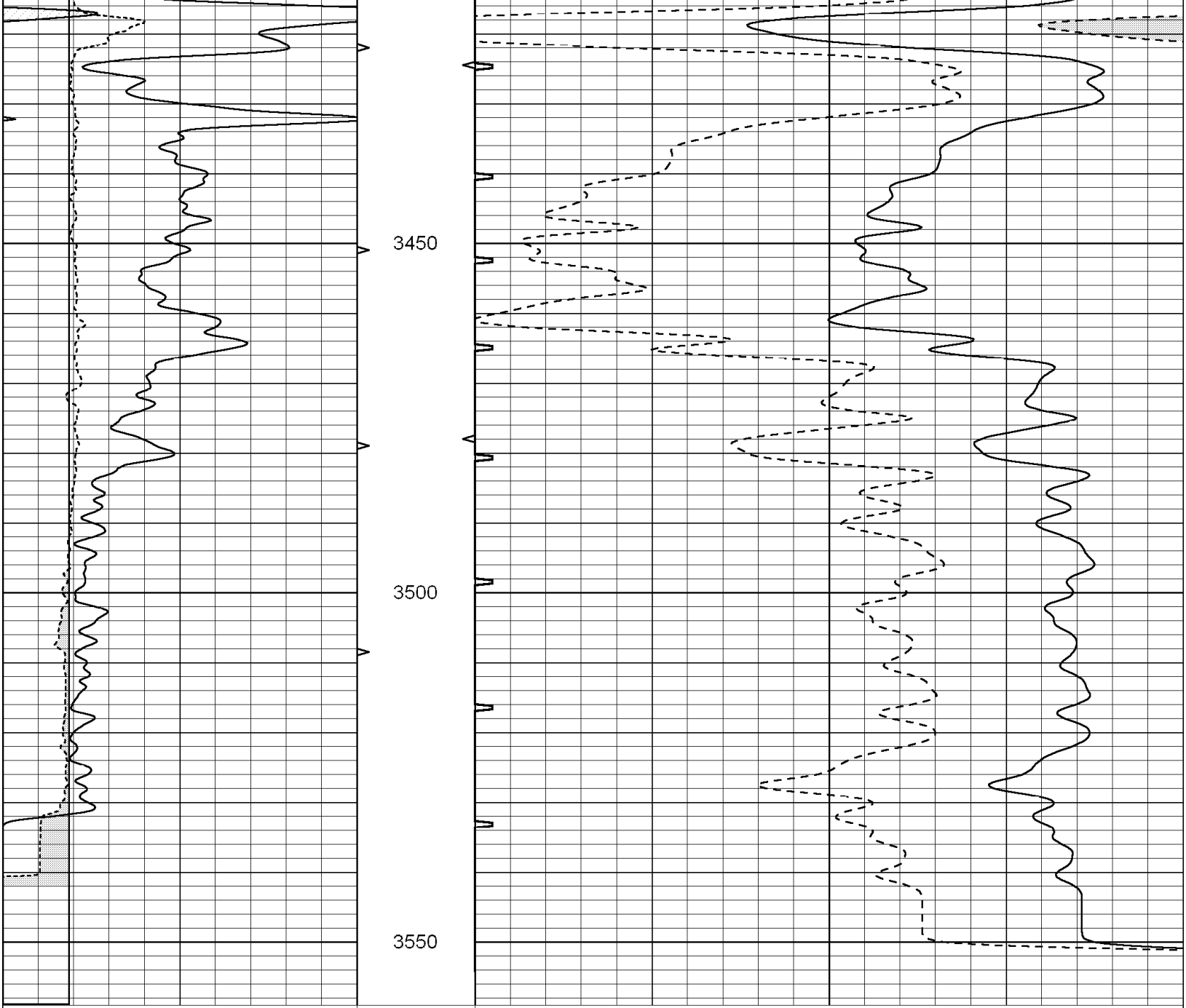
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File:	004275ddn.db
Dataset Pathname:	pass4A
Presentation Format:	slt
Dataset Creation:	Sun Nov 01 12:24:07 2009
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		




3450
3500
3550
0 GAMMA RAY (GAPI) 150
6 CALIPER (in) 16
ABHV
10 (ft3) 0
TBHV
0 (ft3) 10
140 DELTA TIME (usec/ft) 40
30 SONIC POROSITY (pu) -10
0 ITT (msec) 20