

## SONIC LOG

|                              |                           |                                        |                      |
|------------------------------|---------------------------|----------------------------------------|----------------------|
| Company                      | L. D. DRILLING, INC.      | Company                                | L. D. DRILLING, INC. |
| Well                         | #1-2 CARTER               | Well                                   | #1-2 CARTER          |
| Field                        | BROUGHTON NORTH           | Field                                  | BROUGHTON NORTH      |
| County                       | LANE                      | County                                 | LANE                 |
| State                        | KANSAS                    | State                                  | KANSAS               |
| Location:                    | API # : 15-101-22690-0000 | Other Services<br>CDL/CNL<br>DIL/SONIC |                      |
| Permanent Datum              | GROUND LEVEL              | Elevation                              | 2445                 |
| Log Measured From            | KELLY BUSHING 5' A.G.L    |                                        |                      |
| Drilling Measured From       | KELLY BUSHING             |                                        |                      |
| SEC 2                        | TWP 16S                   | RGE 27W                                |                      |
| 540' FNL & 1833' FWL         |                           |                                        |                      |
| Date                         | 1/3/24                    |                                        |                      |
| Run Number                   | TWO                       |                                        |                      |
| Depth Driller                | 4424                      |                                        |                      |
| Depth Logger                 | 4426                      |                                        |                      |
| Bottom Logged Interval       | 4410                      |                                        |                      |
| Top Log Interval             | 250                       |                                        |                      |
| Casing Driller               | 8.625@304                 |                                        |                      |
| Casing Logger                | 304                       |                                        |                      |
| Bit Size                     | 7.785                     |                                        |                      |
| Type Fluid in Hole           | CHEMICAL MUD              | CHLORIDES 2,900 PPM                    |                      |
| Density / Viscosity          | 9.4/57                    |                                        |                      |
| pH / Fluid Loss              | 10.0/7.6                  |                                        |                      |
| Source of Sample             | FLOWLINE                  |                                        |                      |
| Rm @ Meas. Temp              | .800@80F                  |                                        |                      |
| Rmf @ Meas. Temp             | .600@80F                  |                                        |                      |
| Rmc @ Meas. Temp             | .960@80F                  |                                        |                      |
| Source of Rmf / Rmc          | MEASUREMENT               |                                        |                      |
| Rm @ BHT                     | .533@120F                 |                                        |                      |
| Time Circulation Stopped     | 4 HOURS                   |                                        |                      |
| Time Logger on Bottom        | 4:30 P.M.                 |                                        |                      |
| Maximum Recorded Temperature | 120F                      |                                        |                      |
| Equipment Number             | 922339                    |                                        |                      |
| Location                     | HAYS, KANSAS              |                                        |                      |
| Recorded By                  | JEFF LUEBBERS             | JEREMEY PASEK                          |                      |
| Witnessed By                 | KIM SHOEMAKER             |                                        |                      |

<<< 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.

15-101-22690-0000

Comments

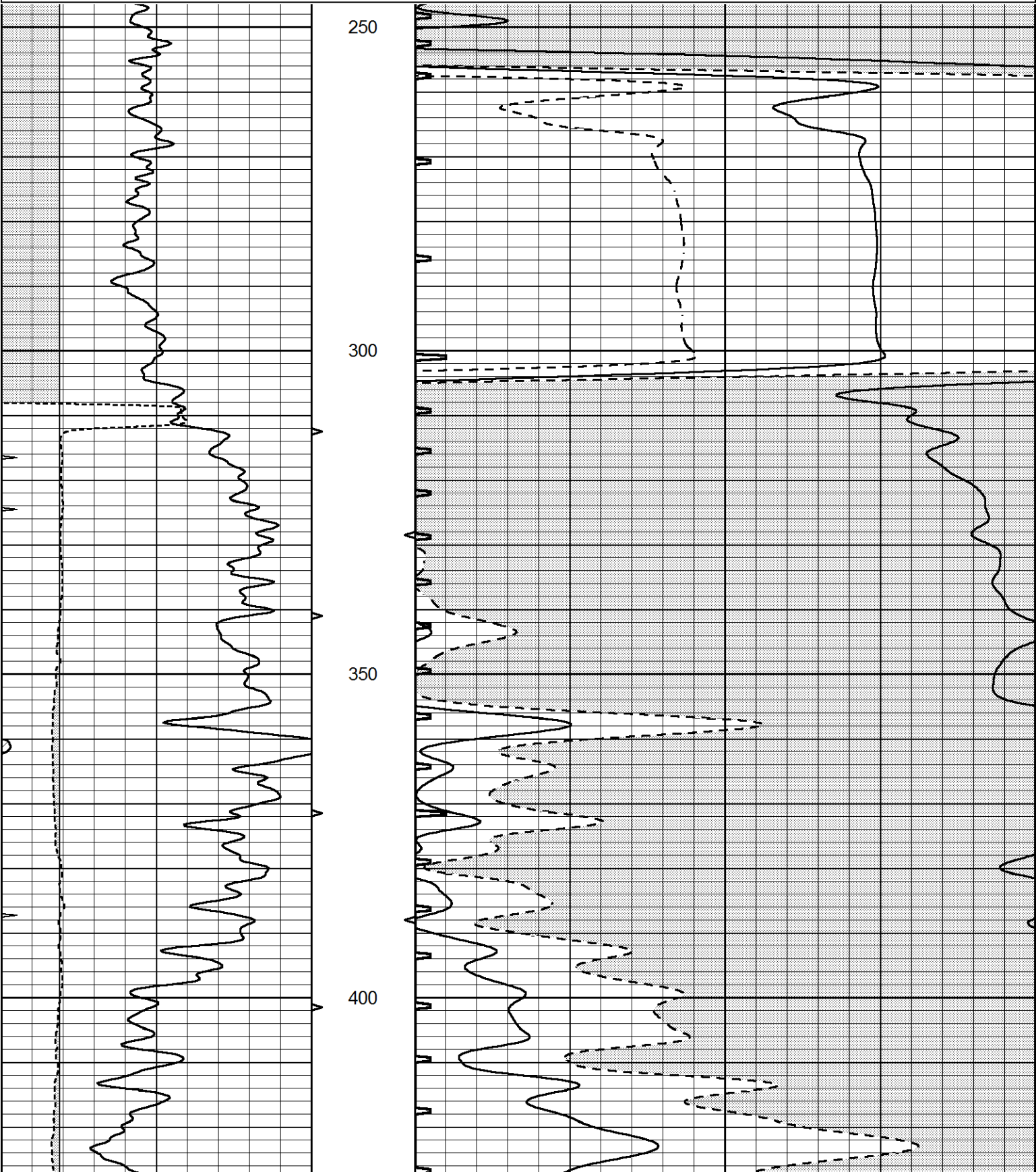
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395  
DIRECTIONS  
UTICA, KS., 3W. ON HWY 4 TO "RD. A" (CASTLE ROCK RD.) 4N. TO VESS TANK BATTERY, W. ON  
LEASE RD. TO CATTLE GUARD, S. TO CURVE W. THEN BACK N. & W. PAST TANK BATTERY 3 1/2  
MILES TOTAL

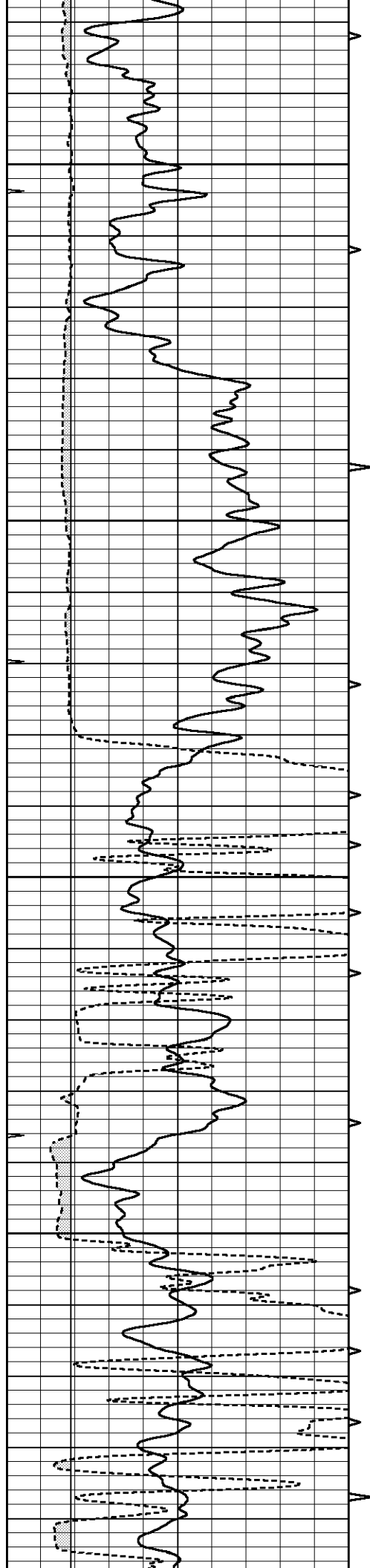


# MAIN SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 8403ddn.db                 |
| Dataset Pathname    | pass6.2                    |
| Presentation Format | slt                        |
| Dataset Creation    | Wed Jan 03 18:21:15 2024   |
| 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  |                      |                     |    |     |



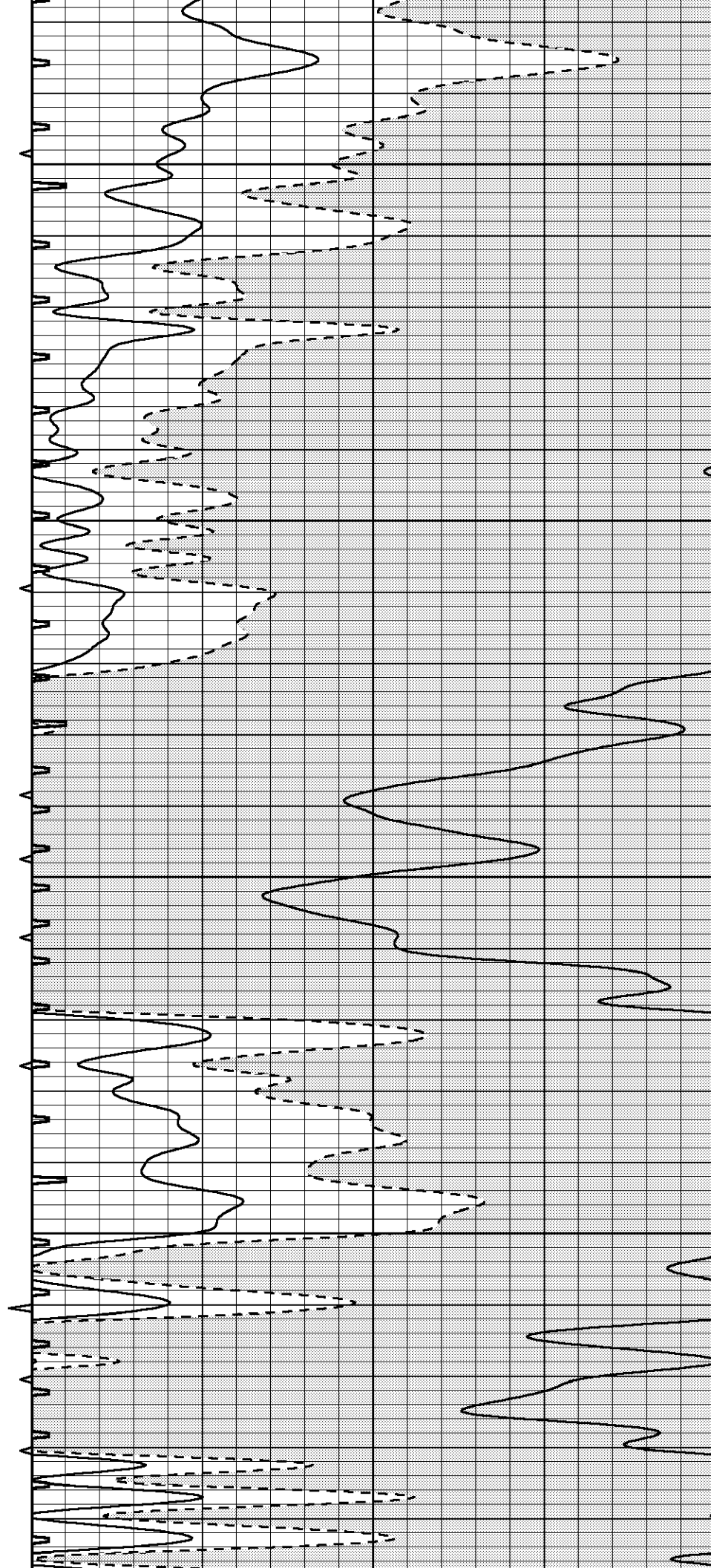


450

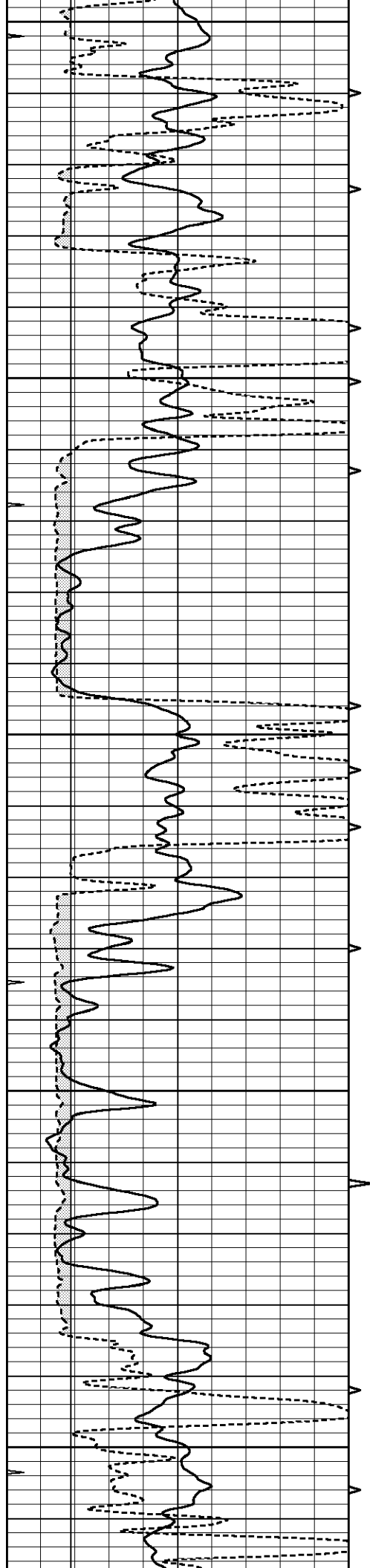
500

550

600







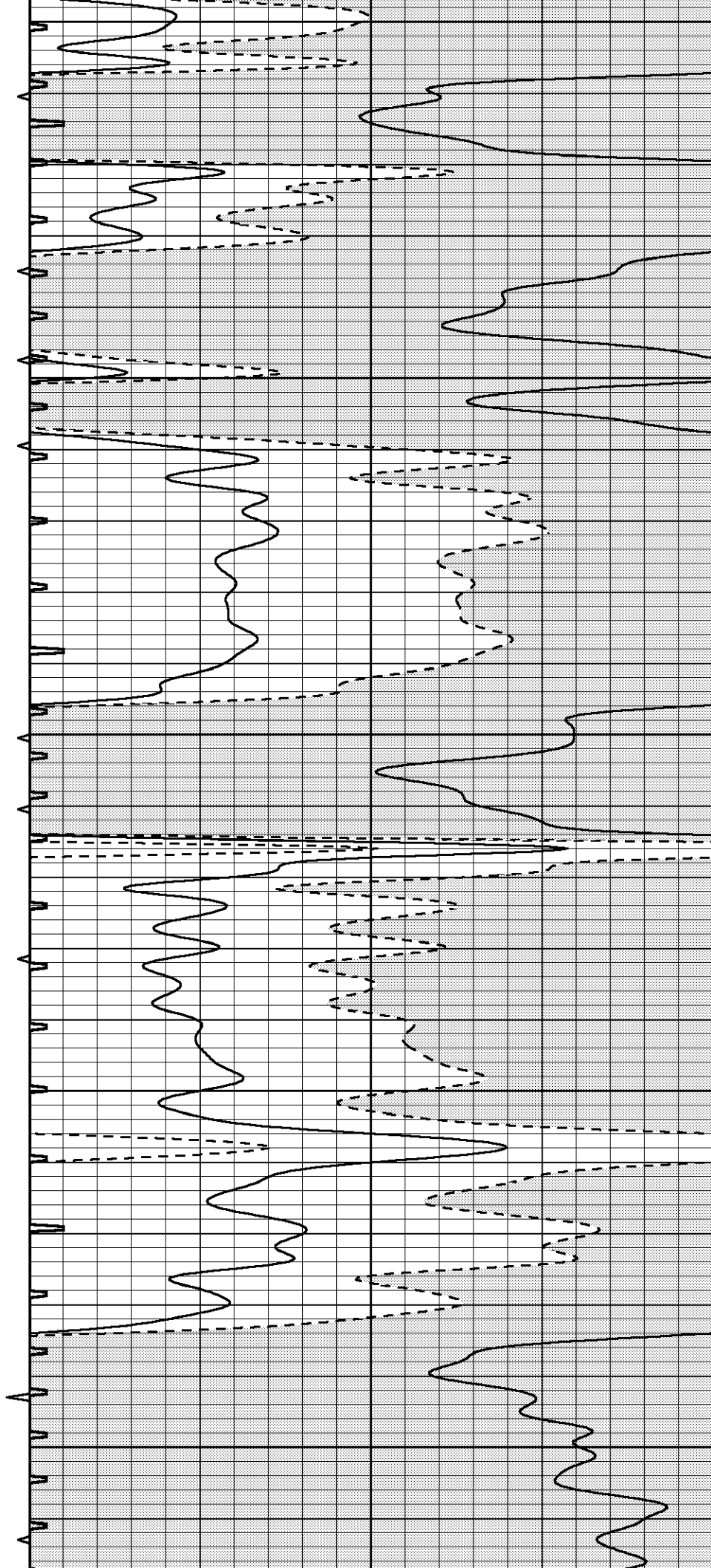
650

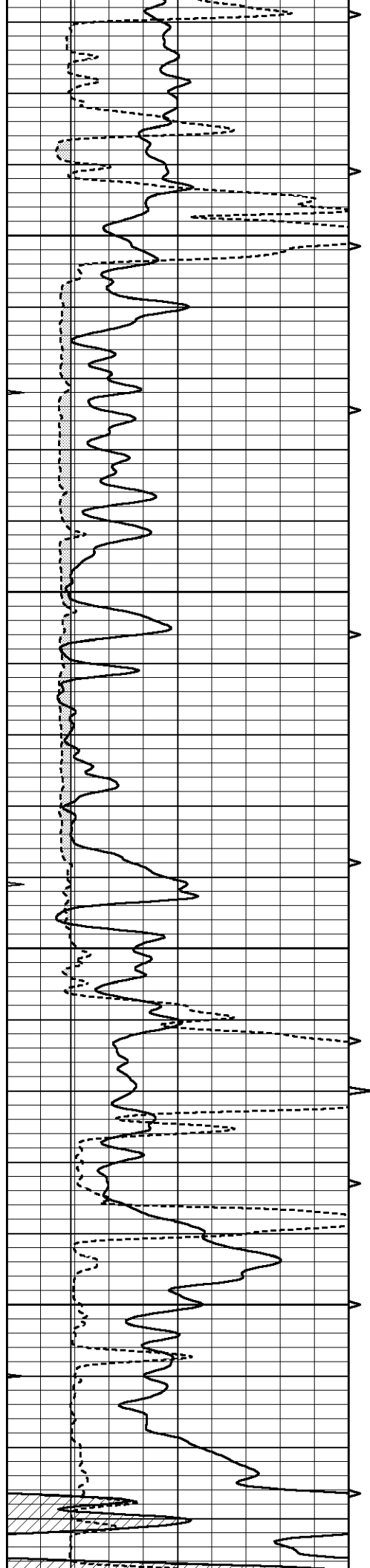
700

750

800

850



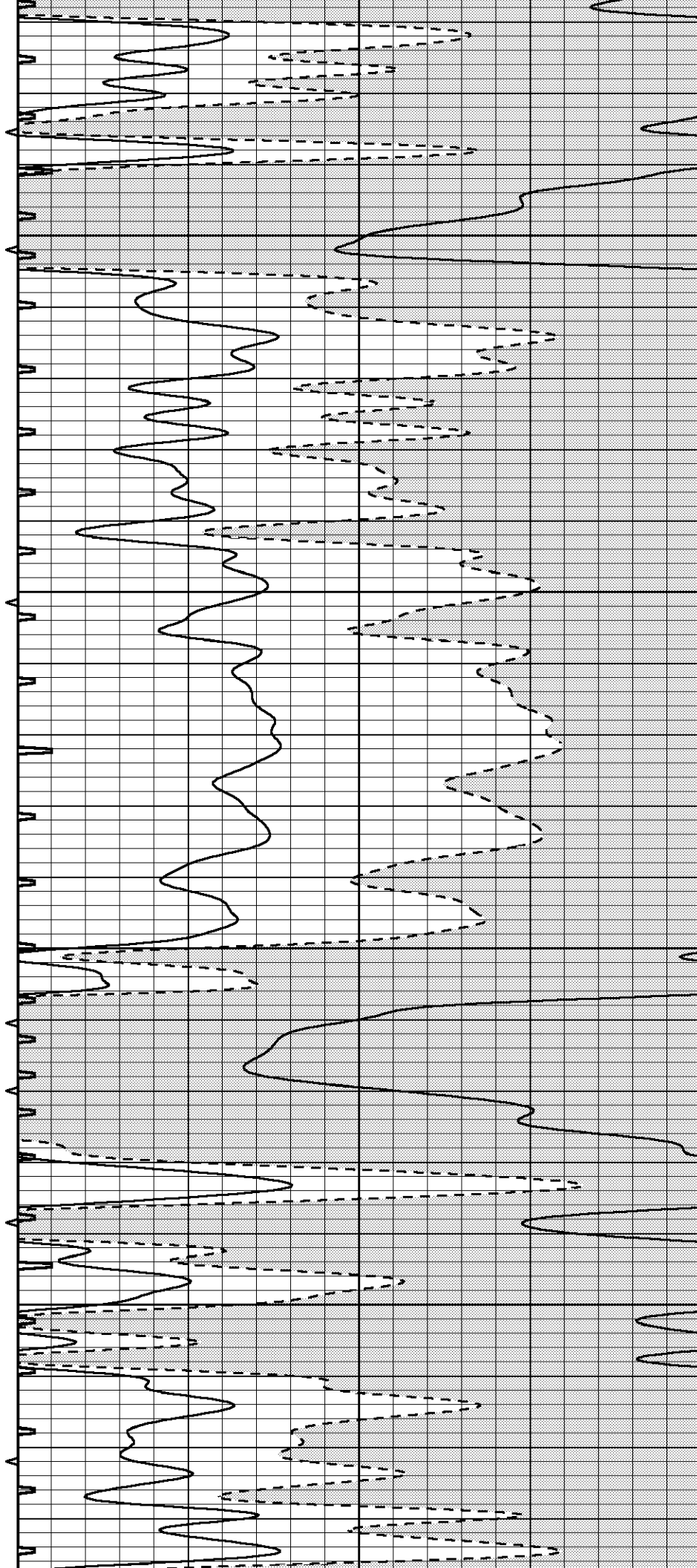


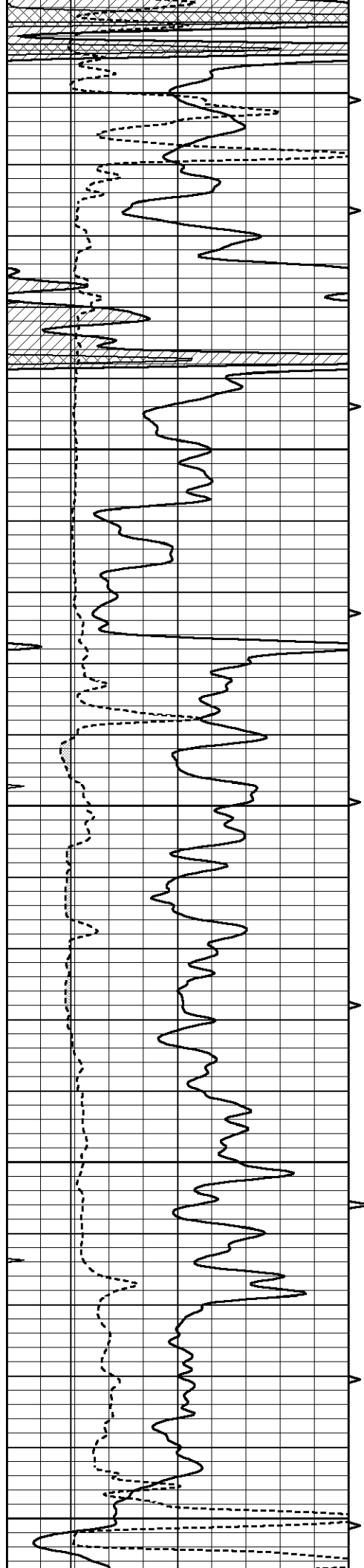
900

950

1000

1050





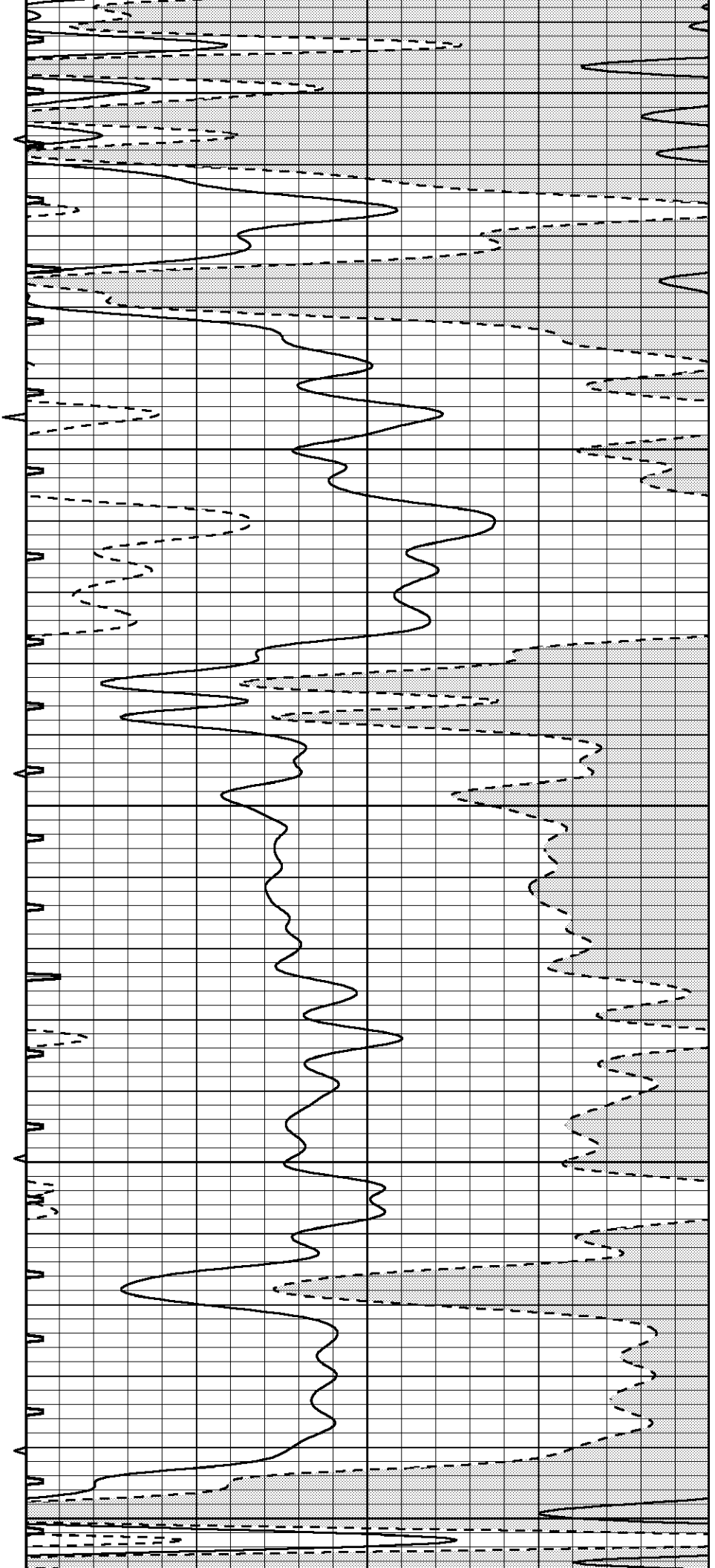
1100

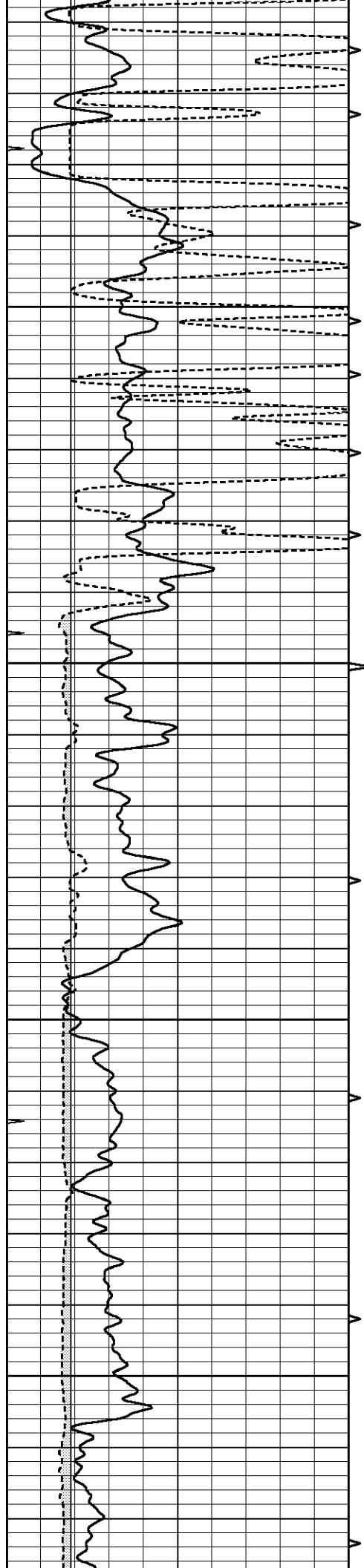
1150

1200

1250

1300



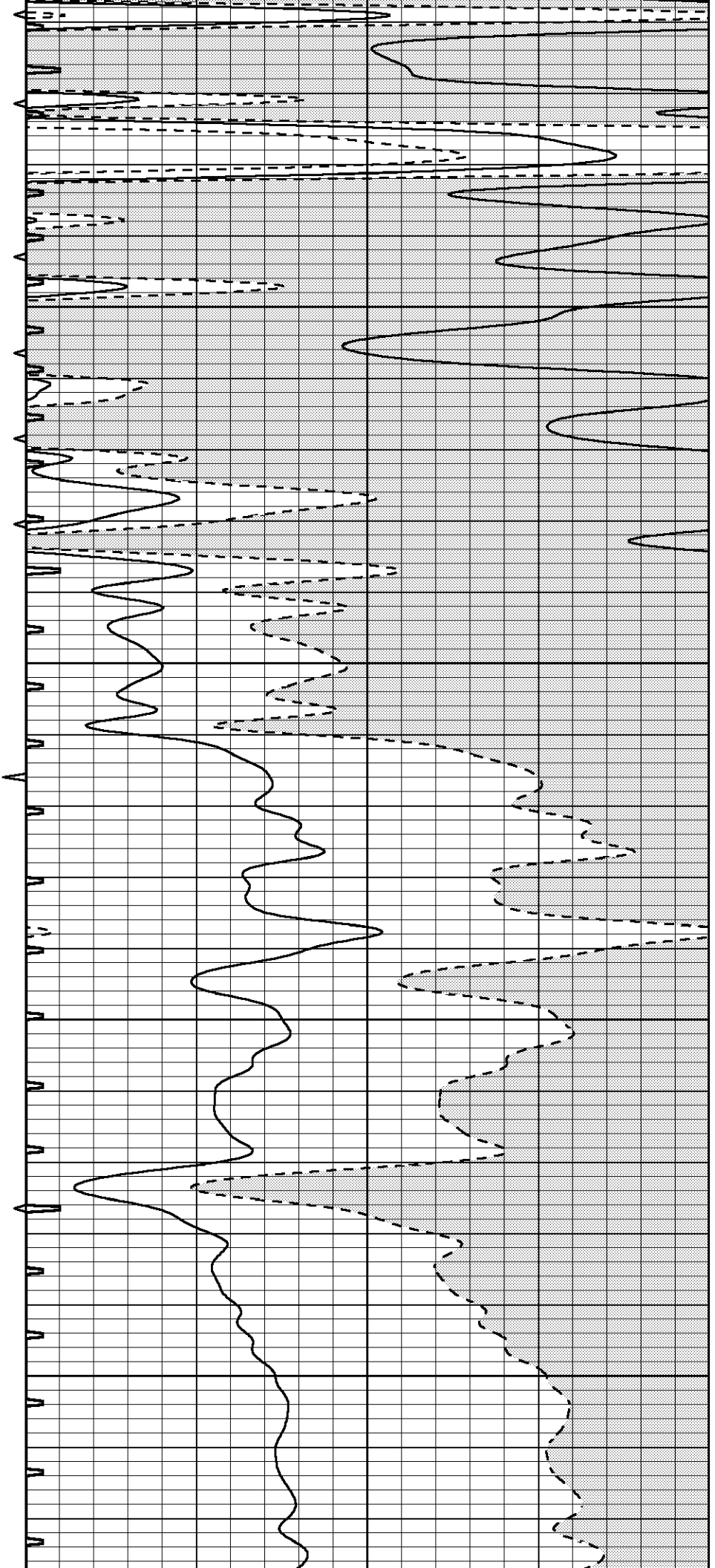


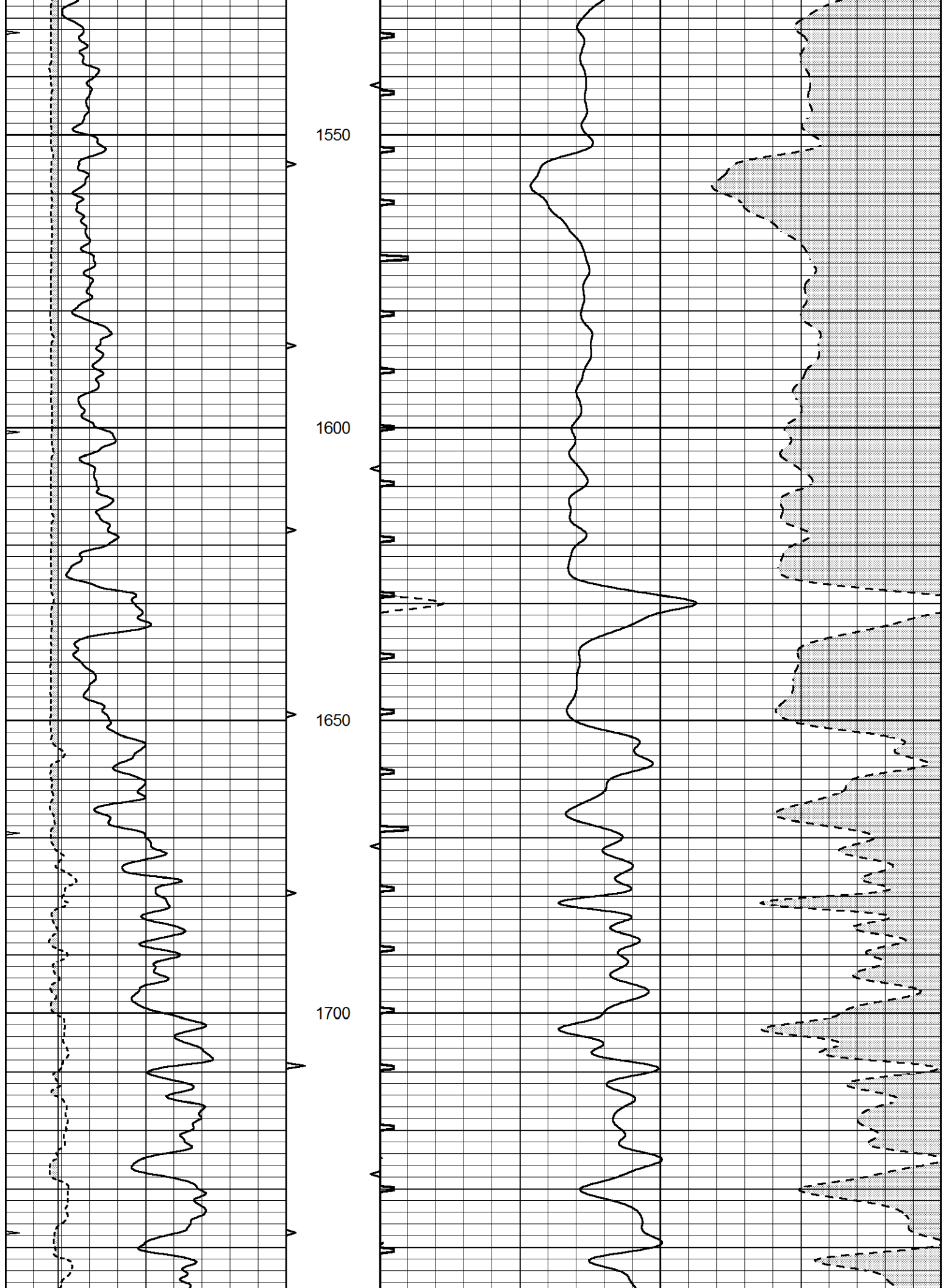
1350

1400

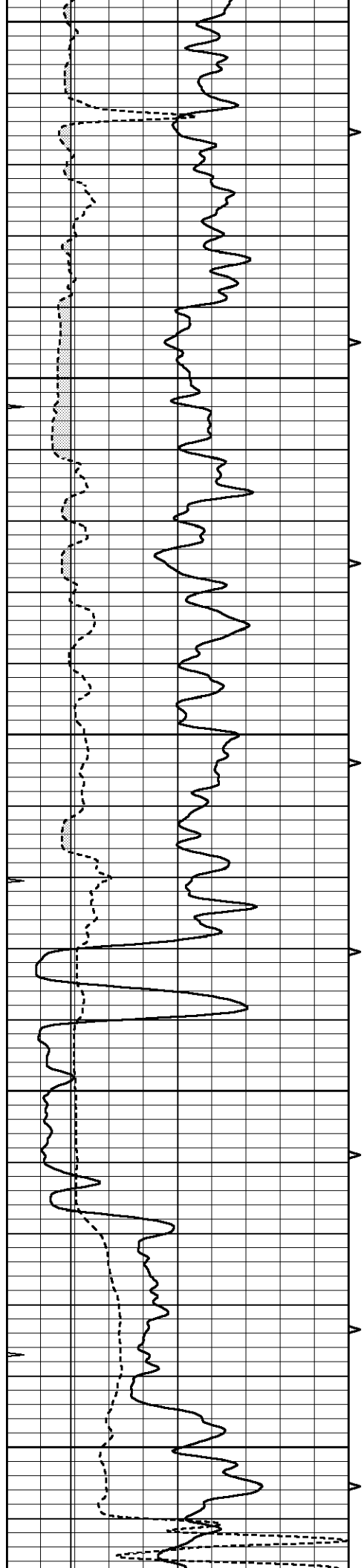
1450

1500









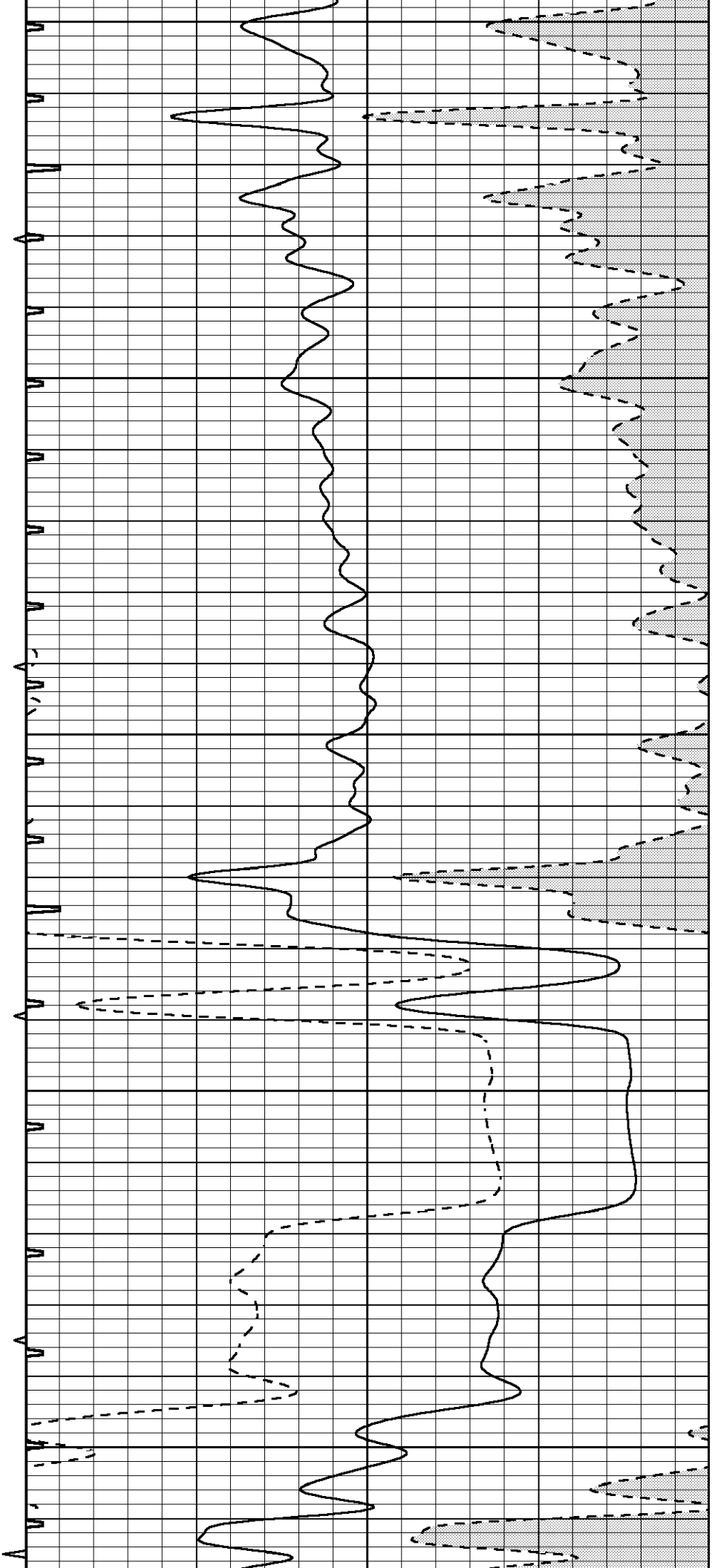
1750

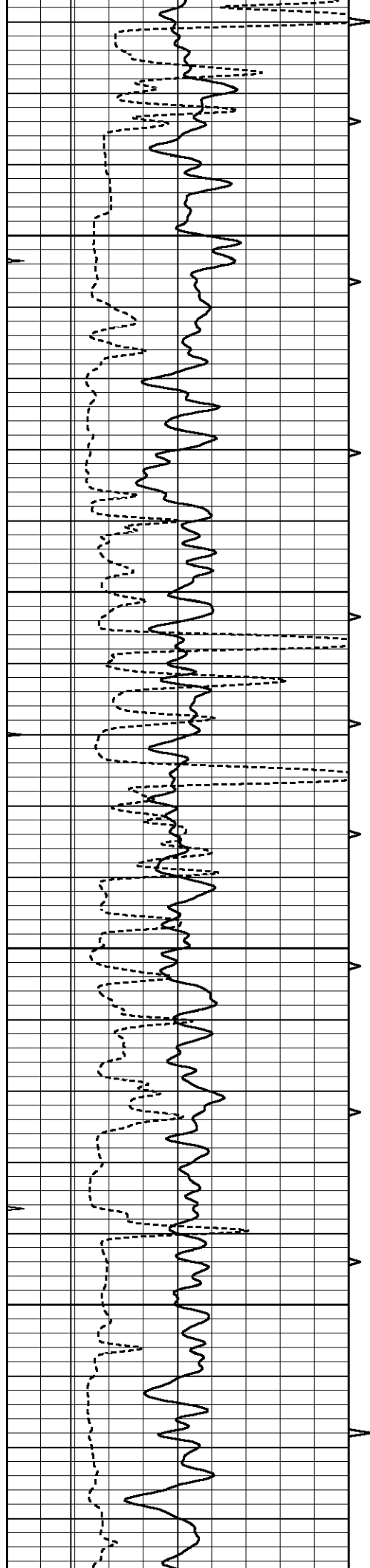
1800

1850

1900

1950



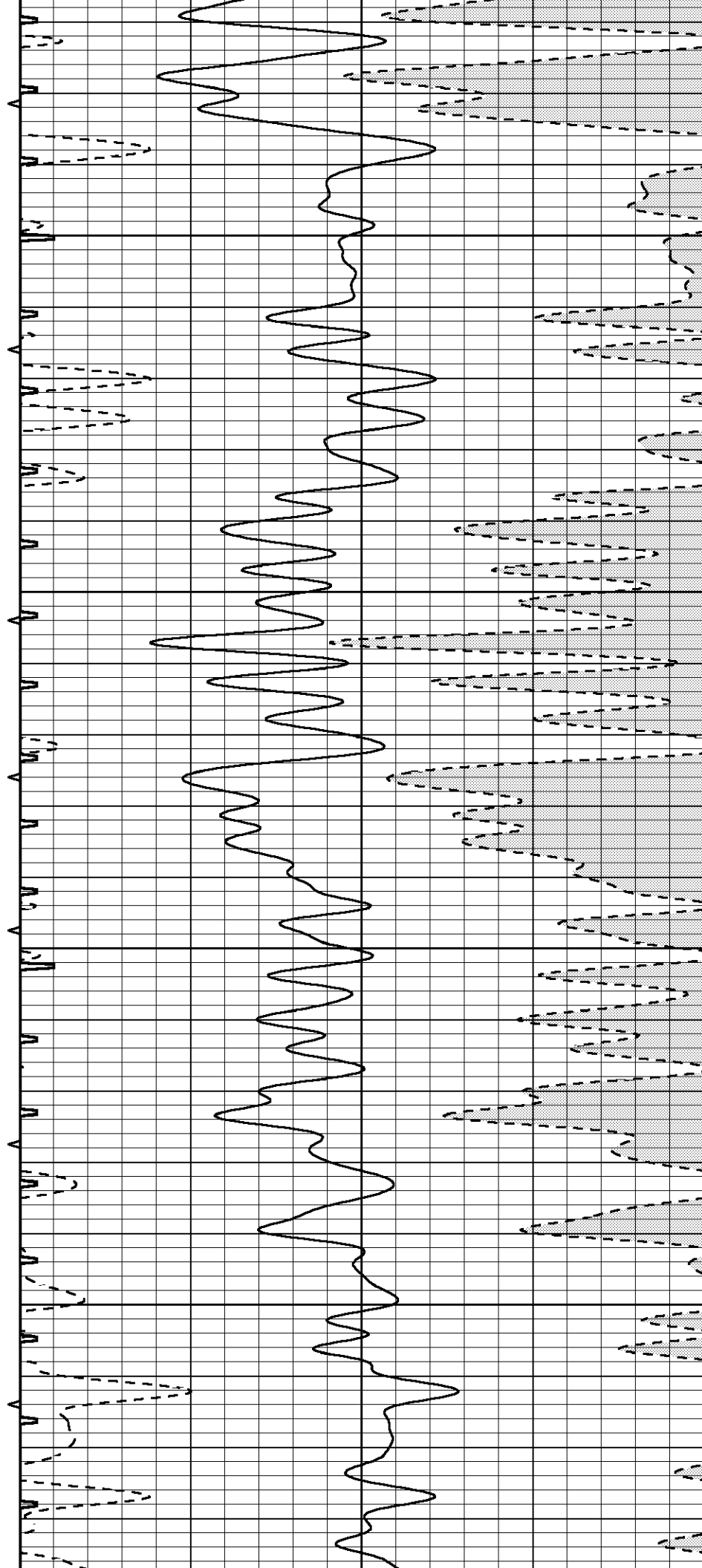


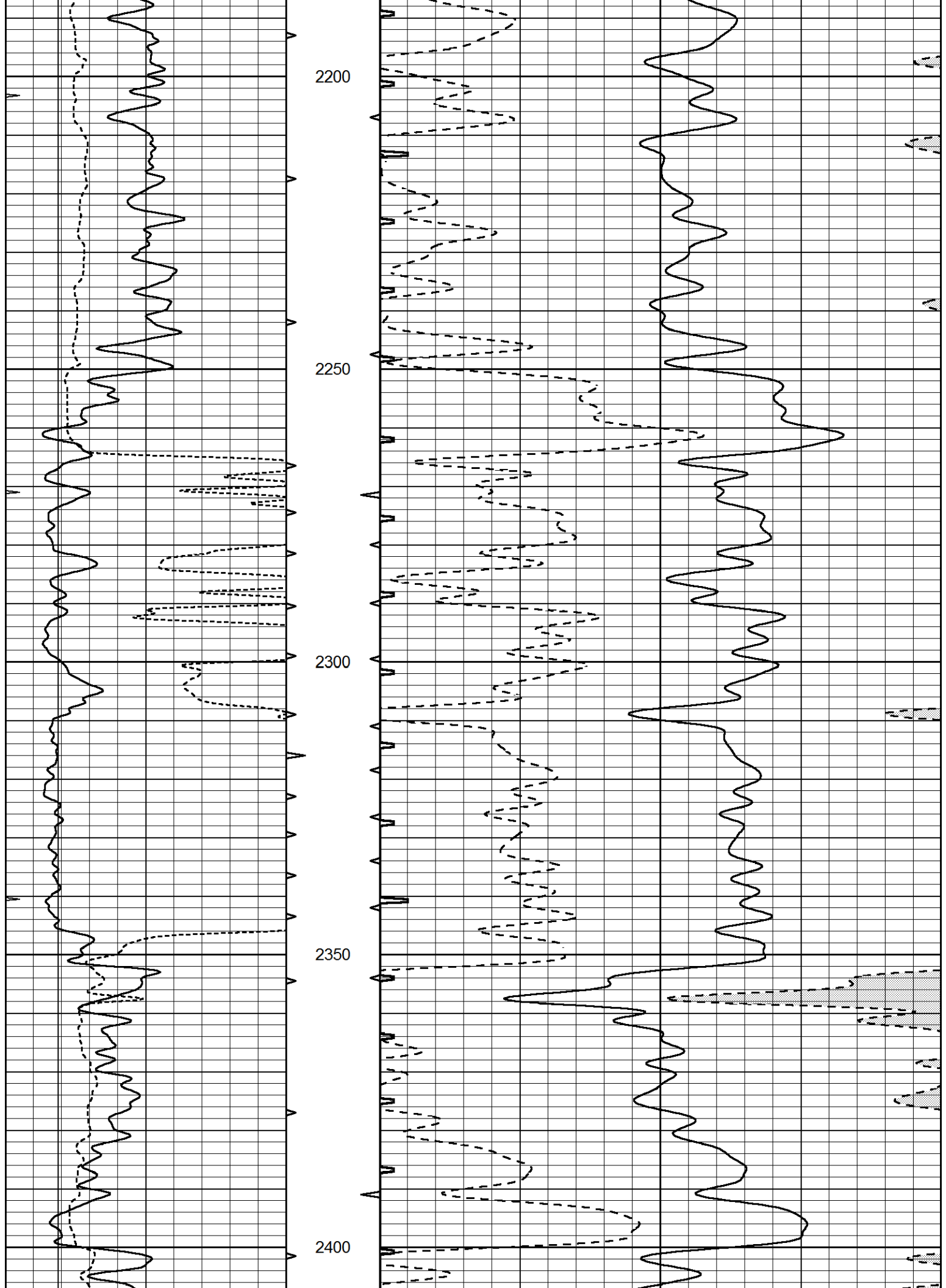
2000

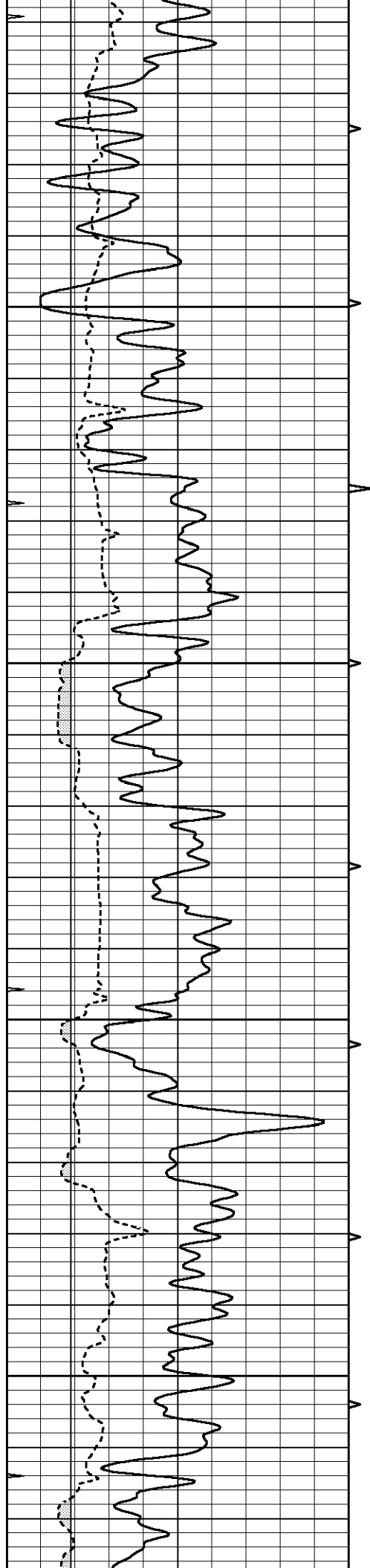
2050

2100

2150





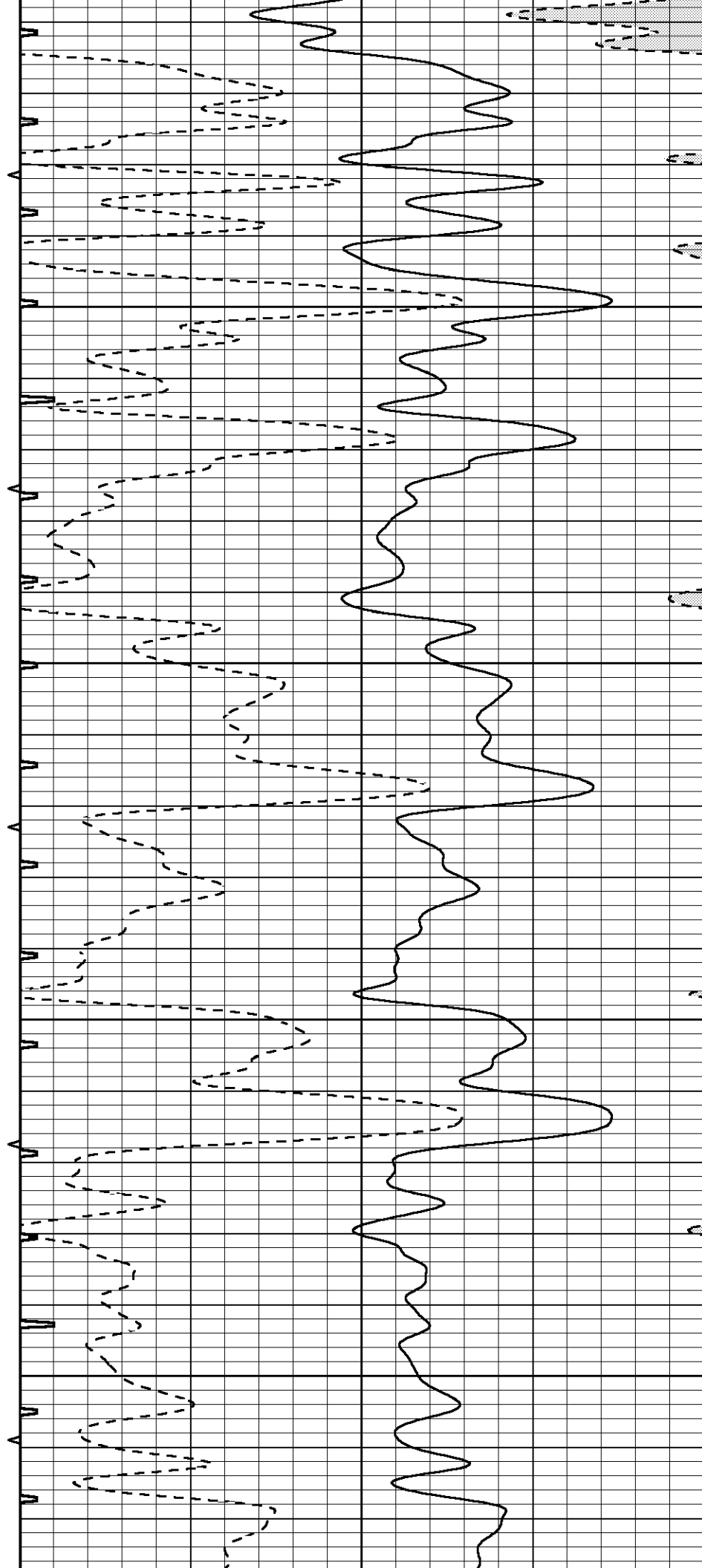


2450

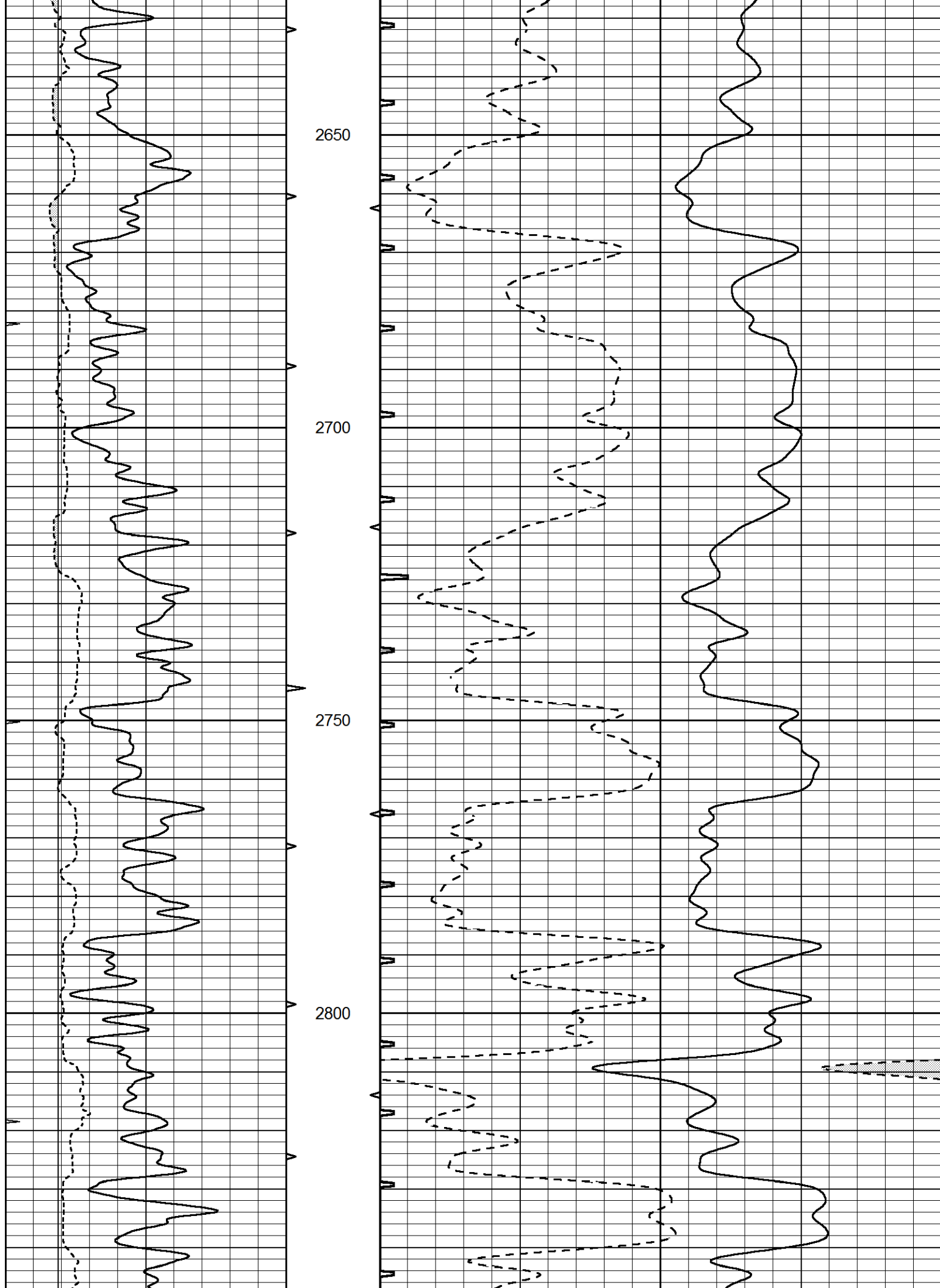
2500

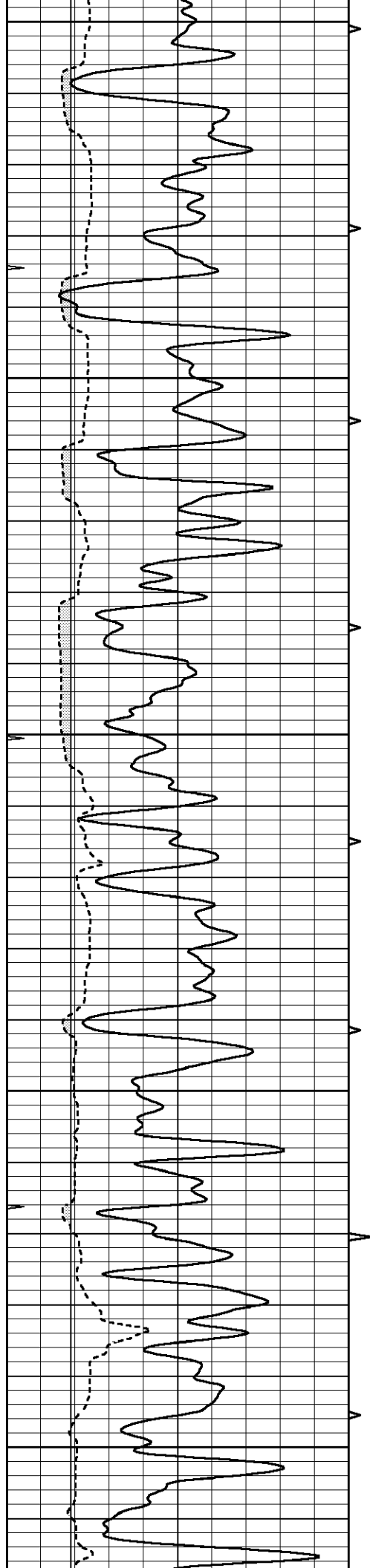
2550

2600









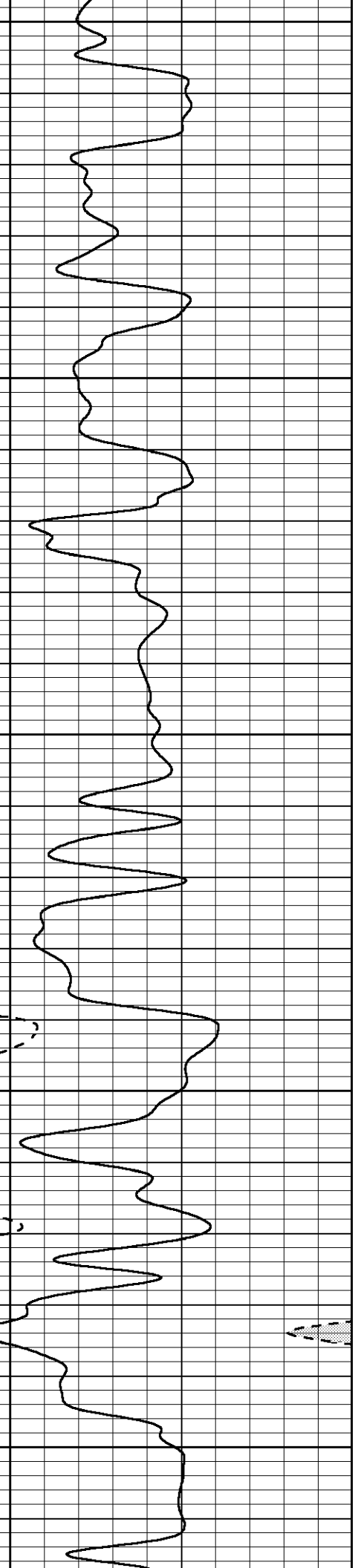
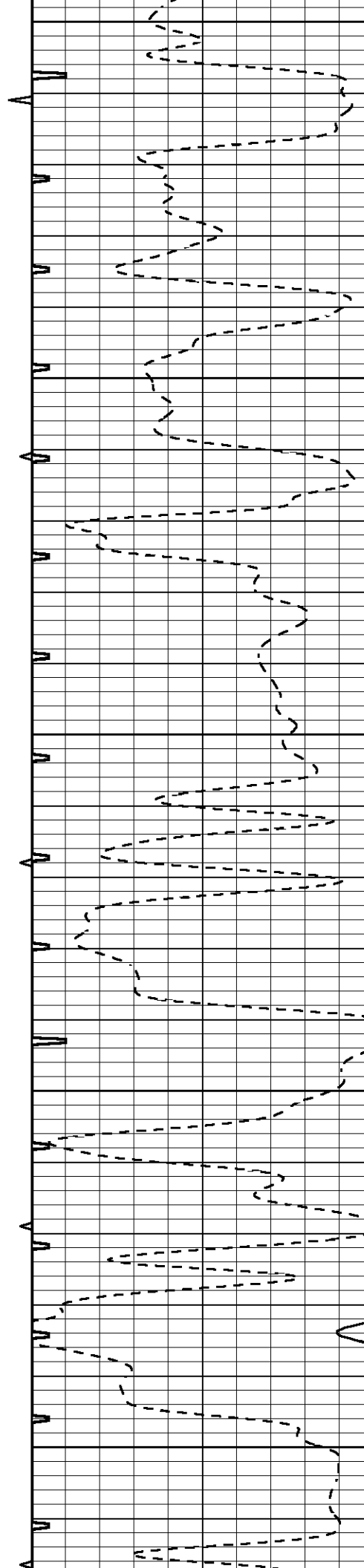
2850

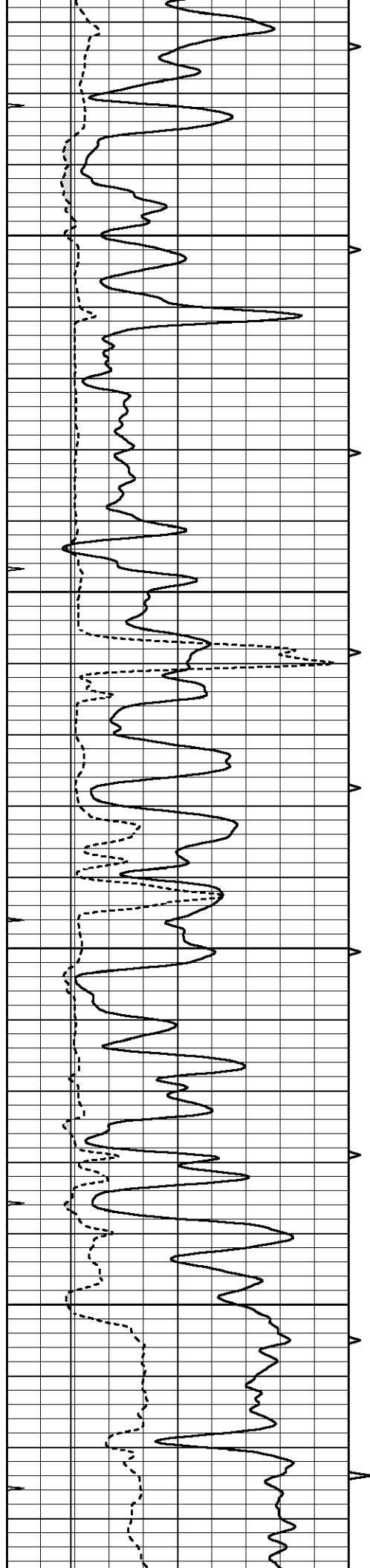
2900

2950

3000

3050



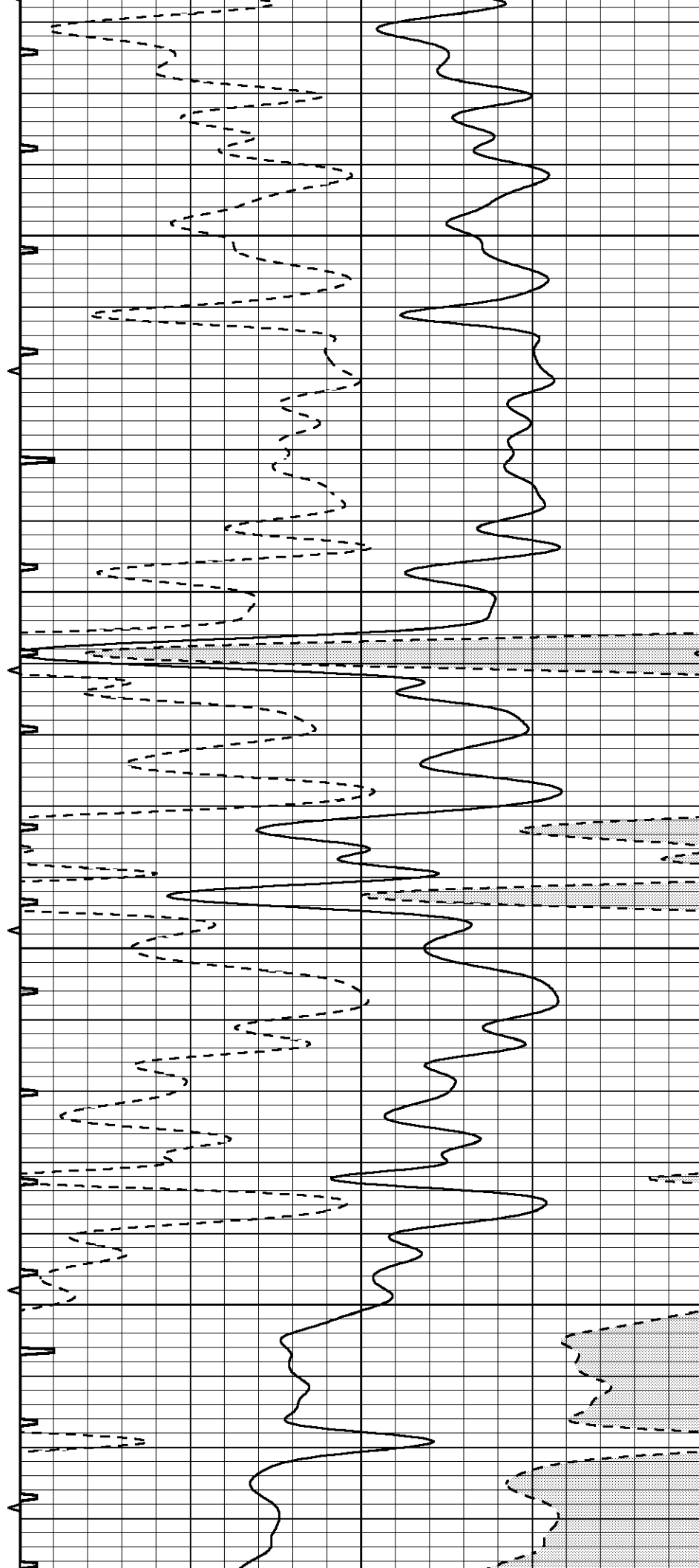


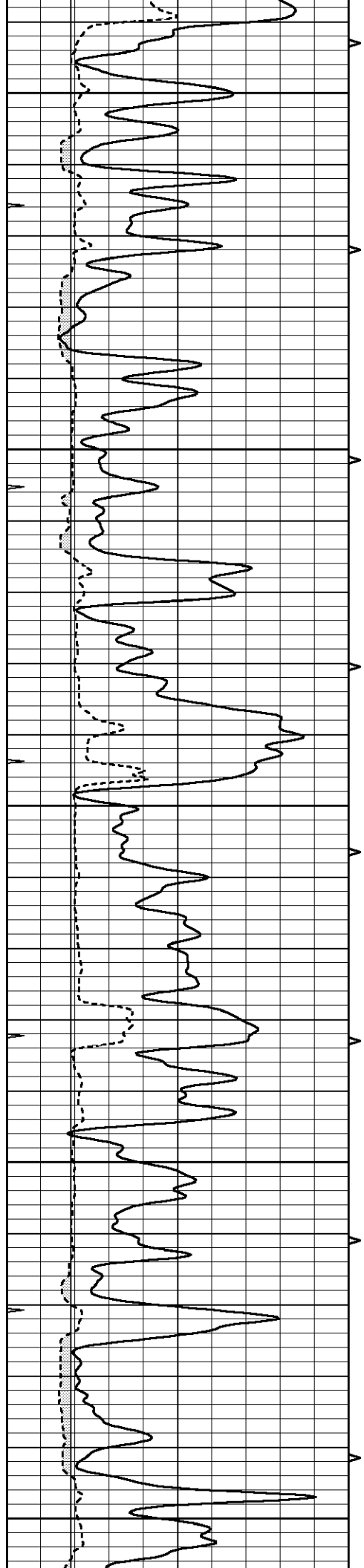
3100

3150

3200

3250





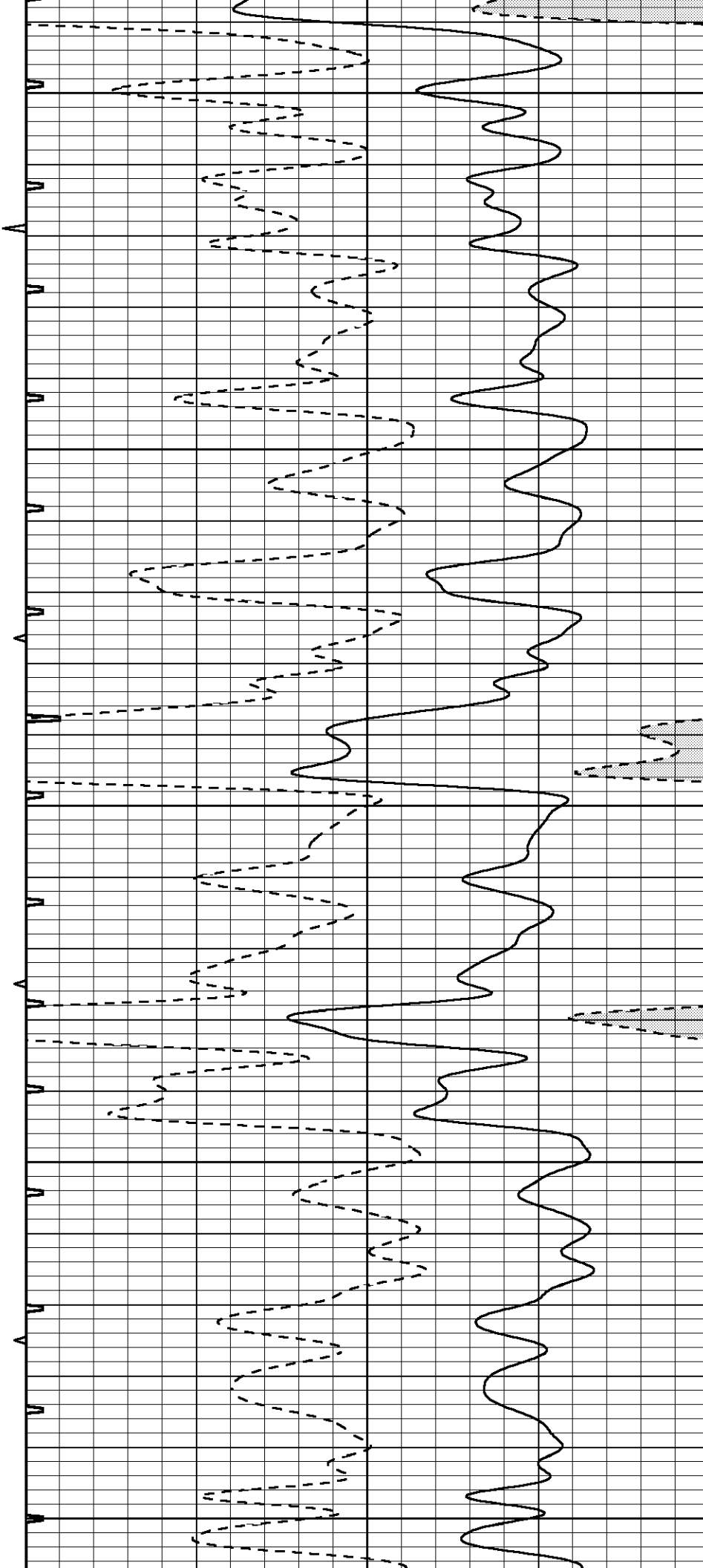
3300

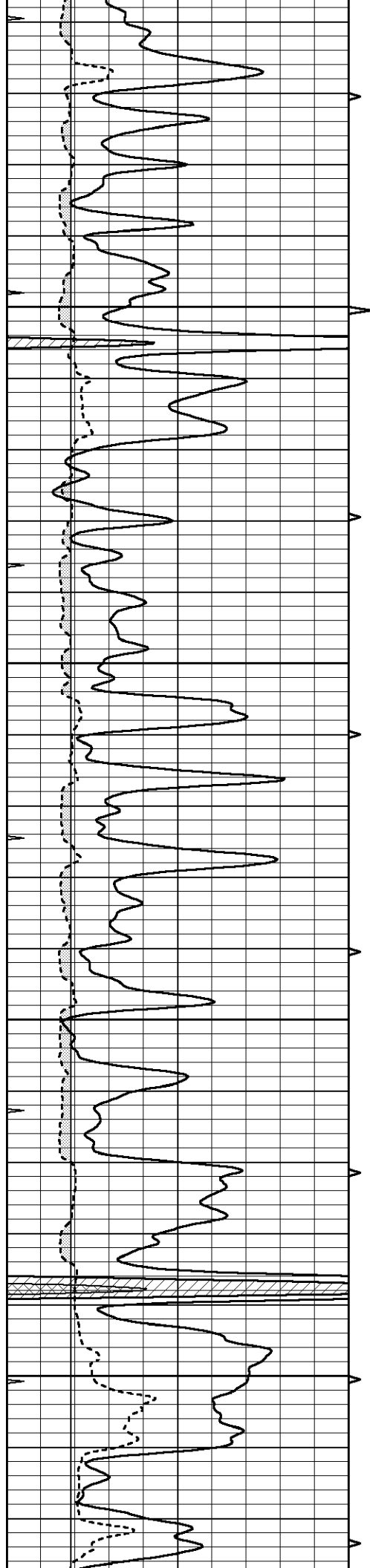
3350

3400

3450

3500



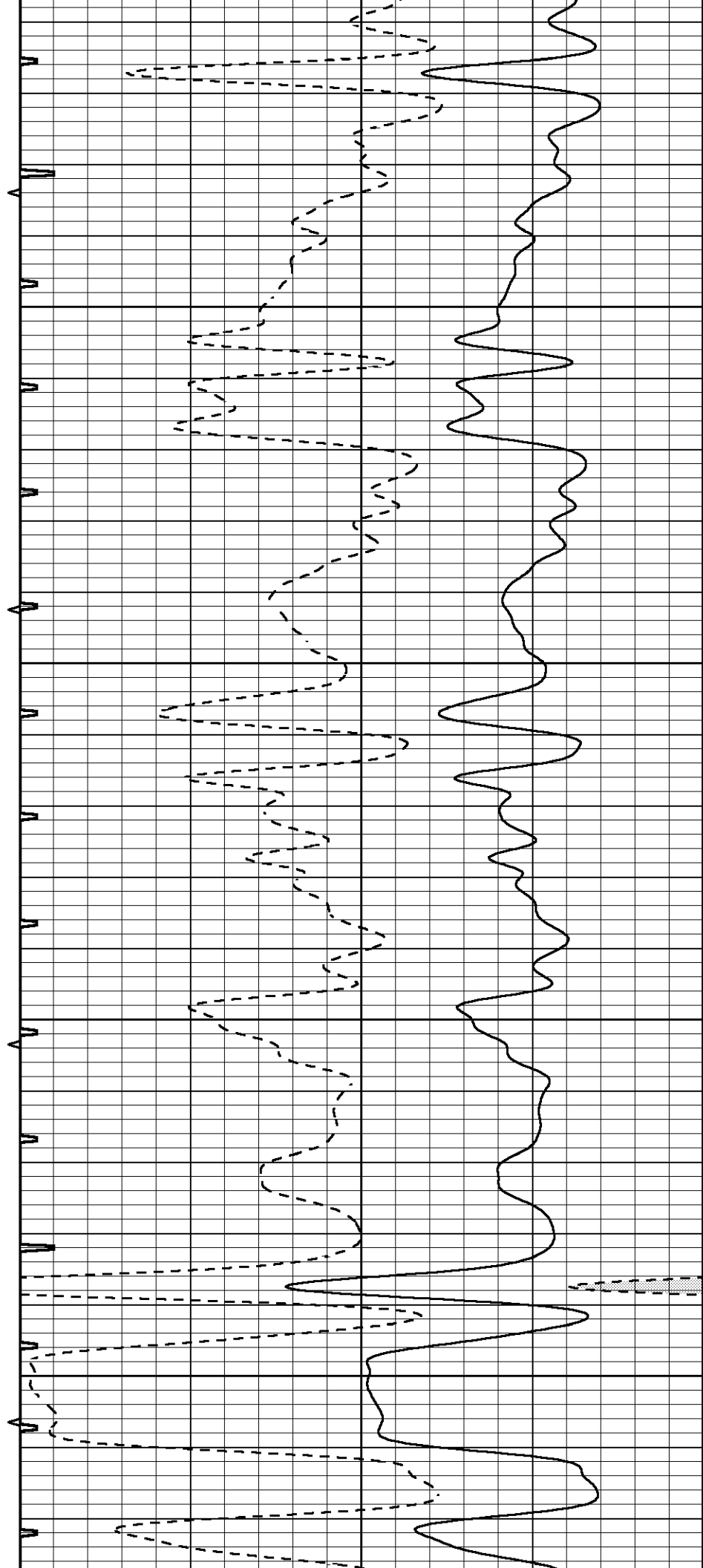


3550

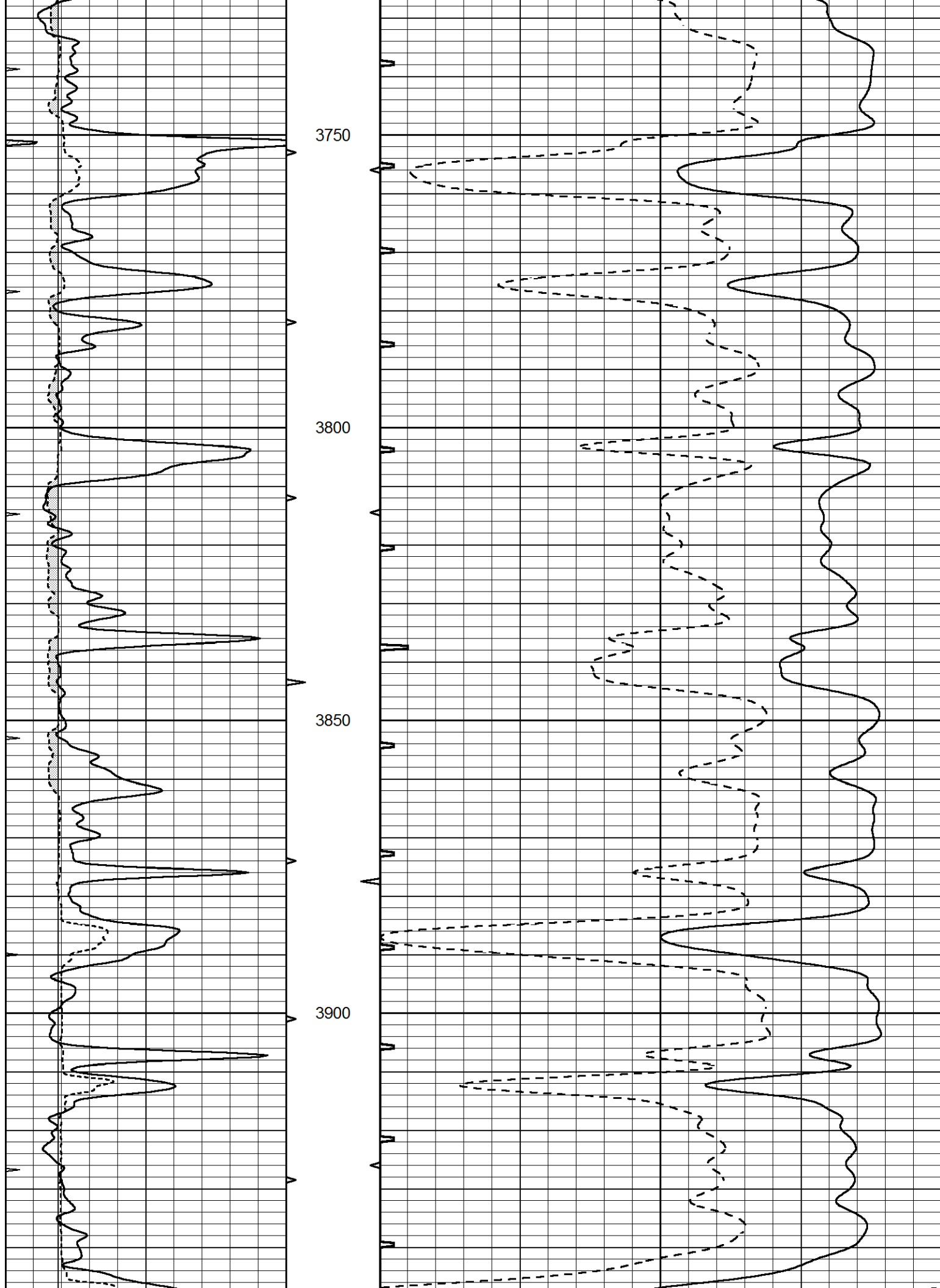
3600

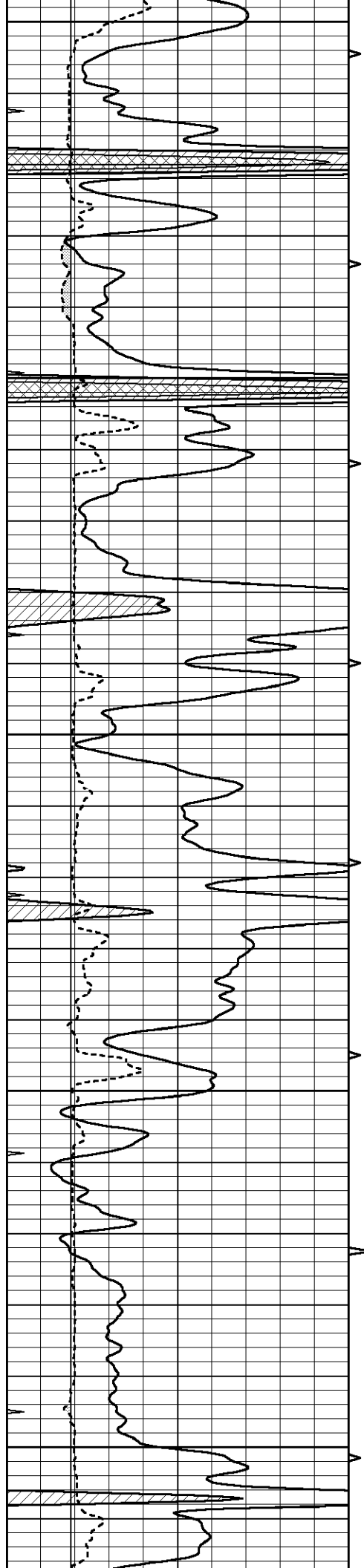
3650

3700









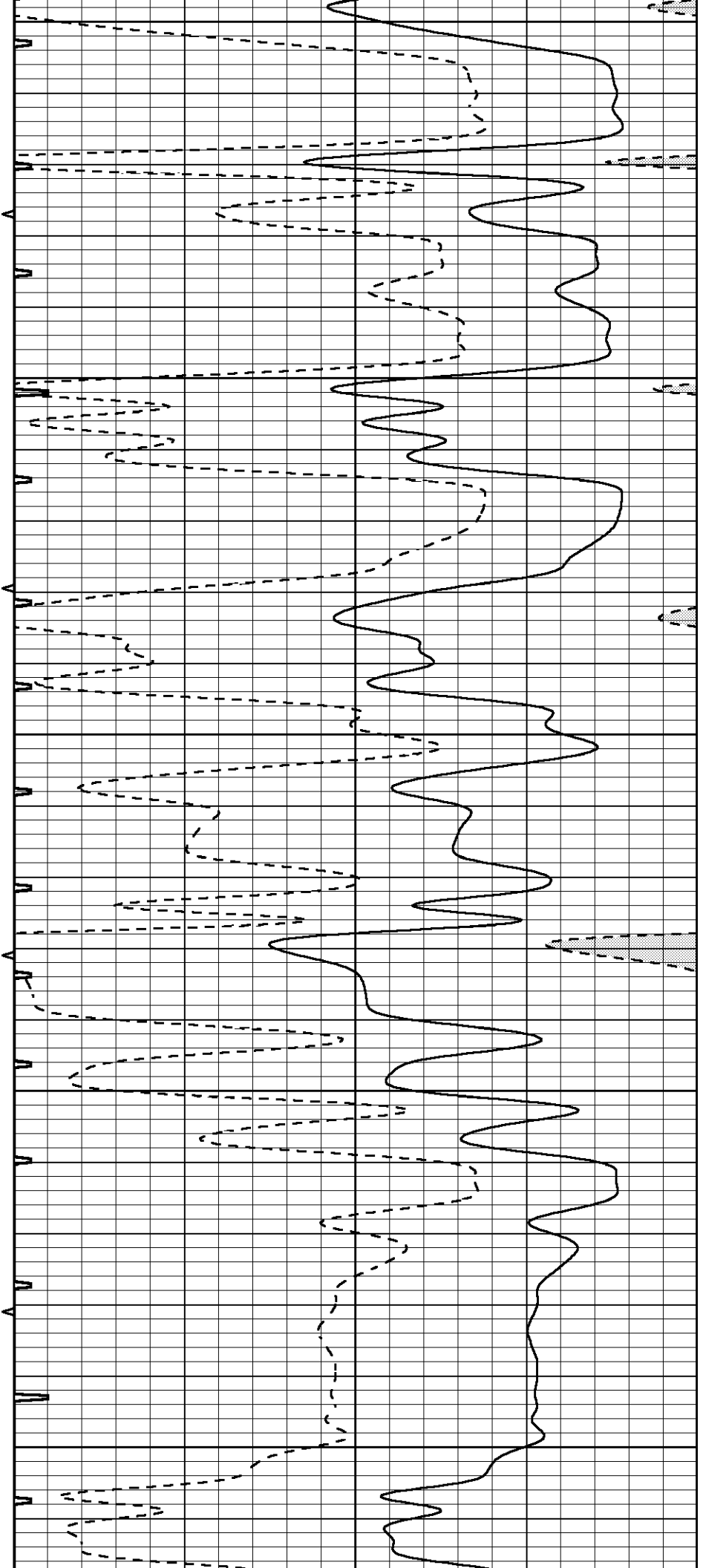
3950

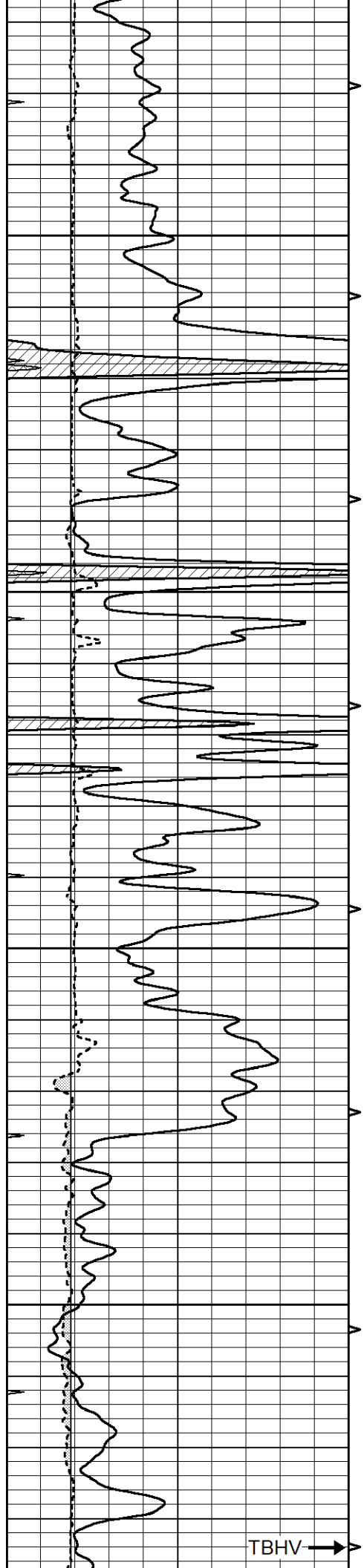
4000

4050

4100

4150





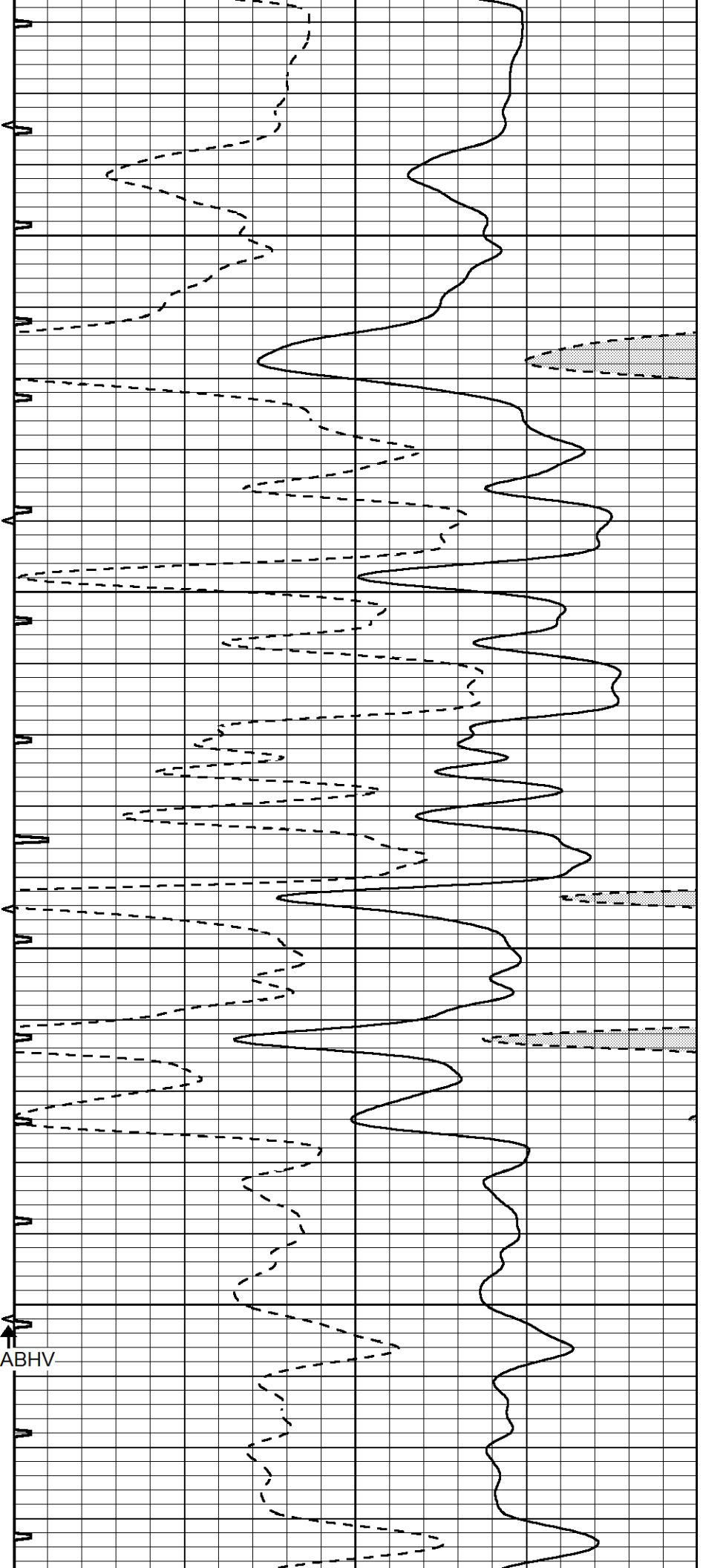
4200

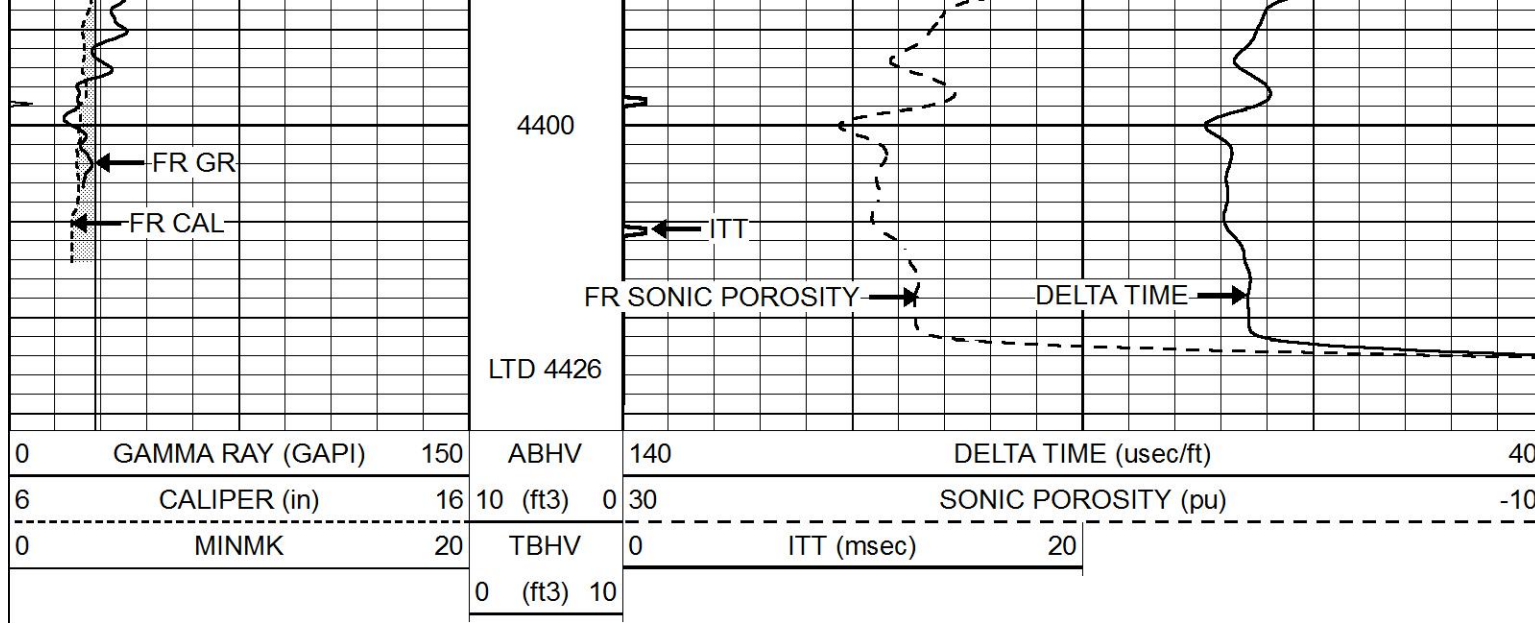
4250

4300

4350

5.5" ABHV





# REPEAT SECTION

Database File 8403ddn.db  
 Dataset Pathname pass5.2  
 Presentation Format slt  
 Dataset Creation Wed Jan 03 17:01:50 2024  
 Charted by Depth in Feet scaled 1:240

