



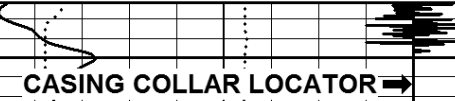
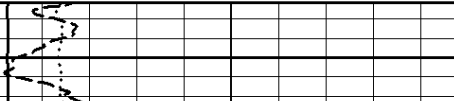

CEMENT BOND LOG
GAMMA RAY
CCL

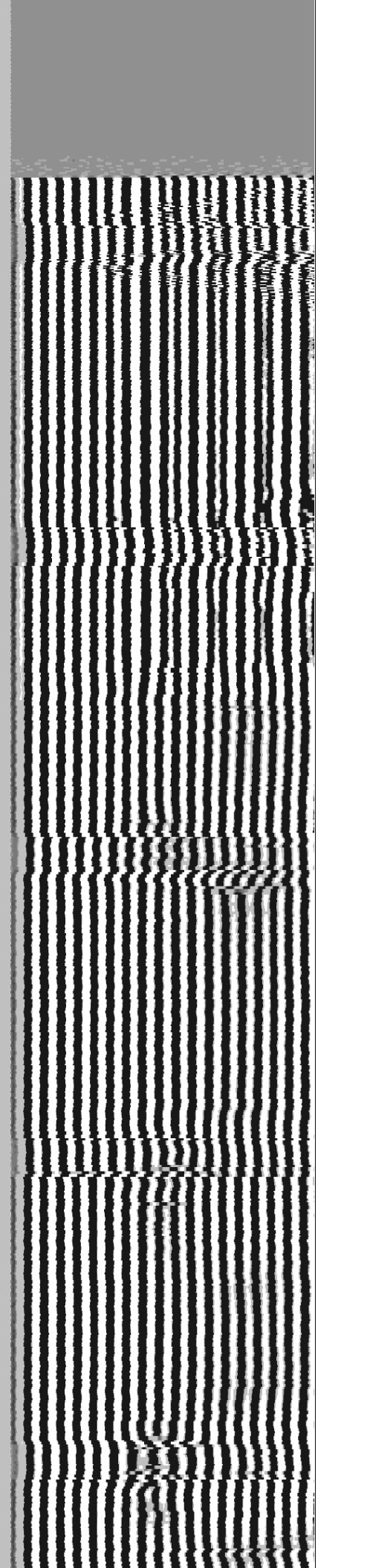
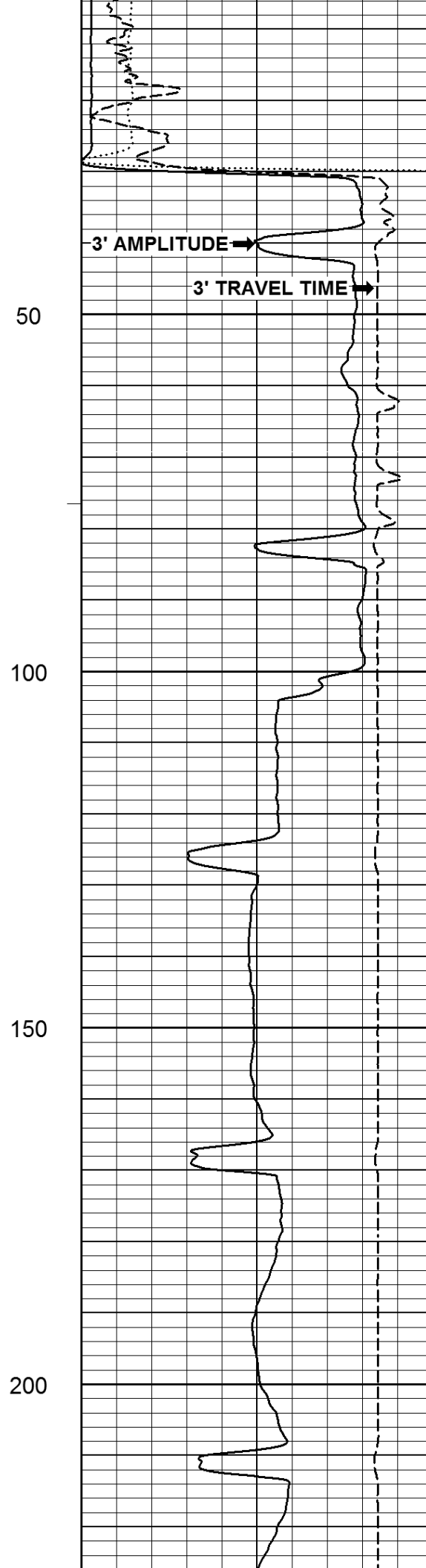
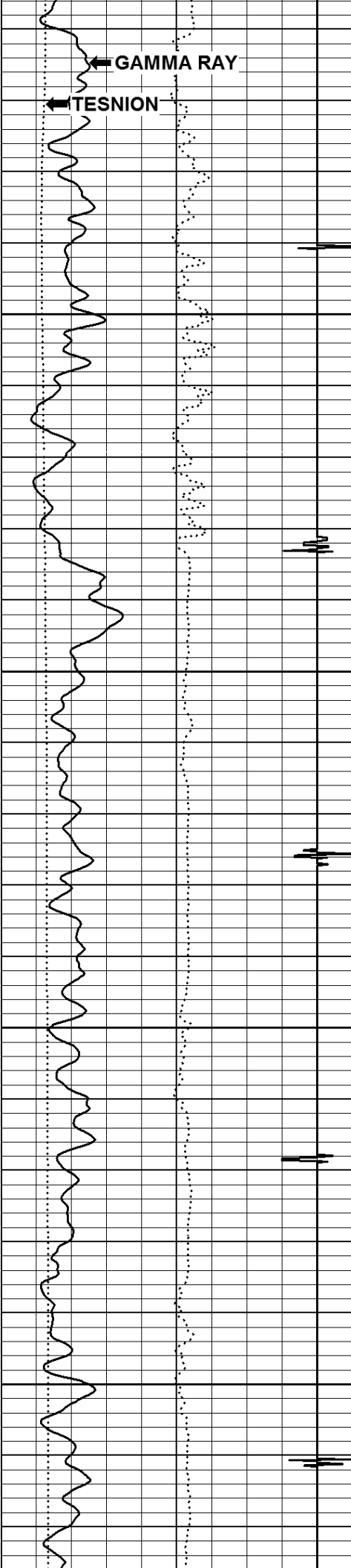
ENERGY SERVICES

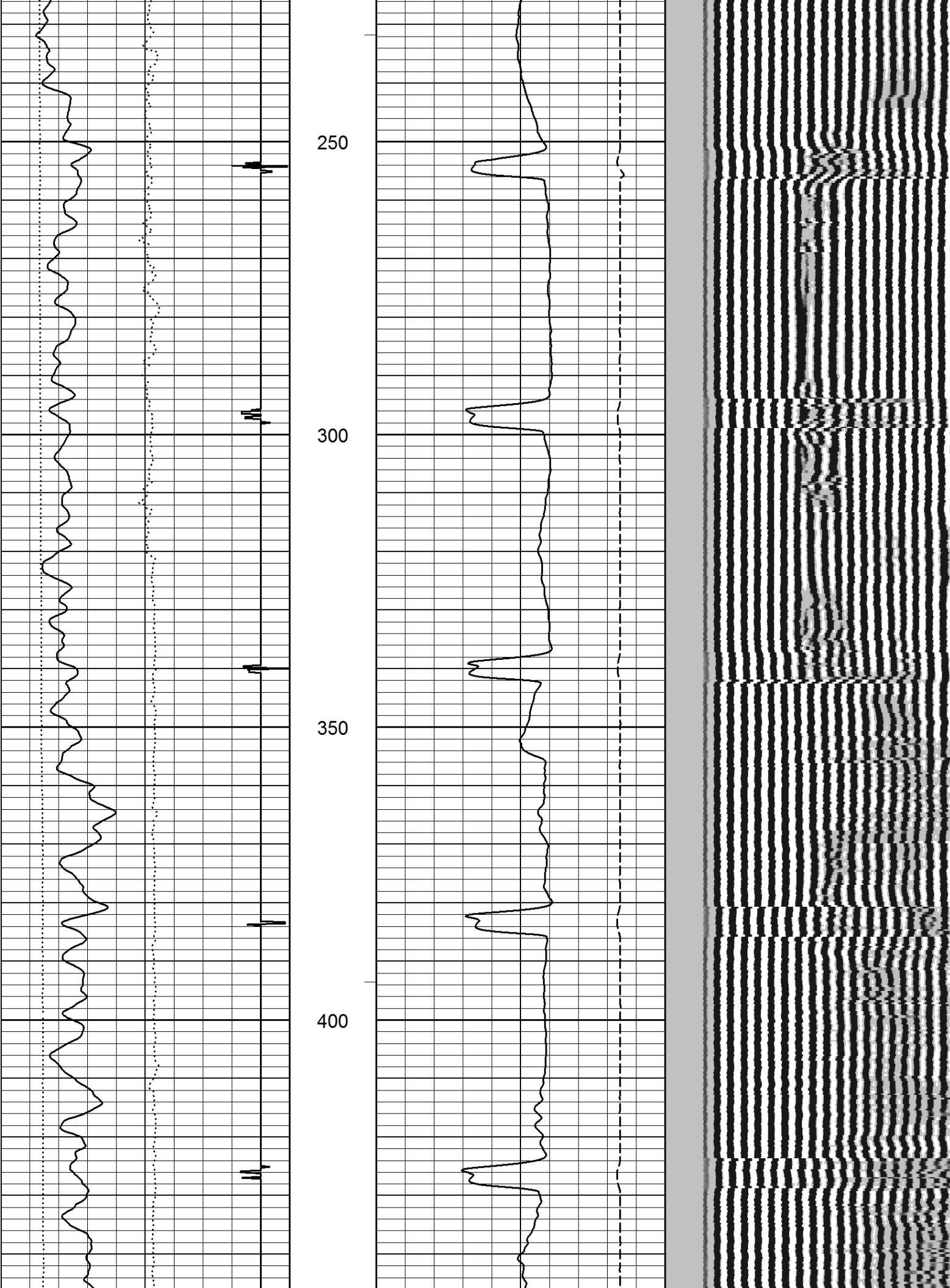
| | |
|----------|--|
| Remarks: | |
|----------|--|

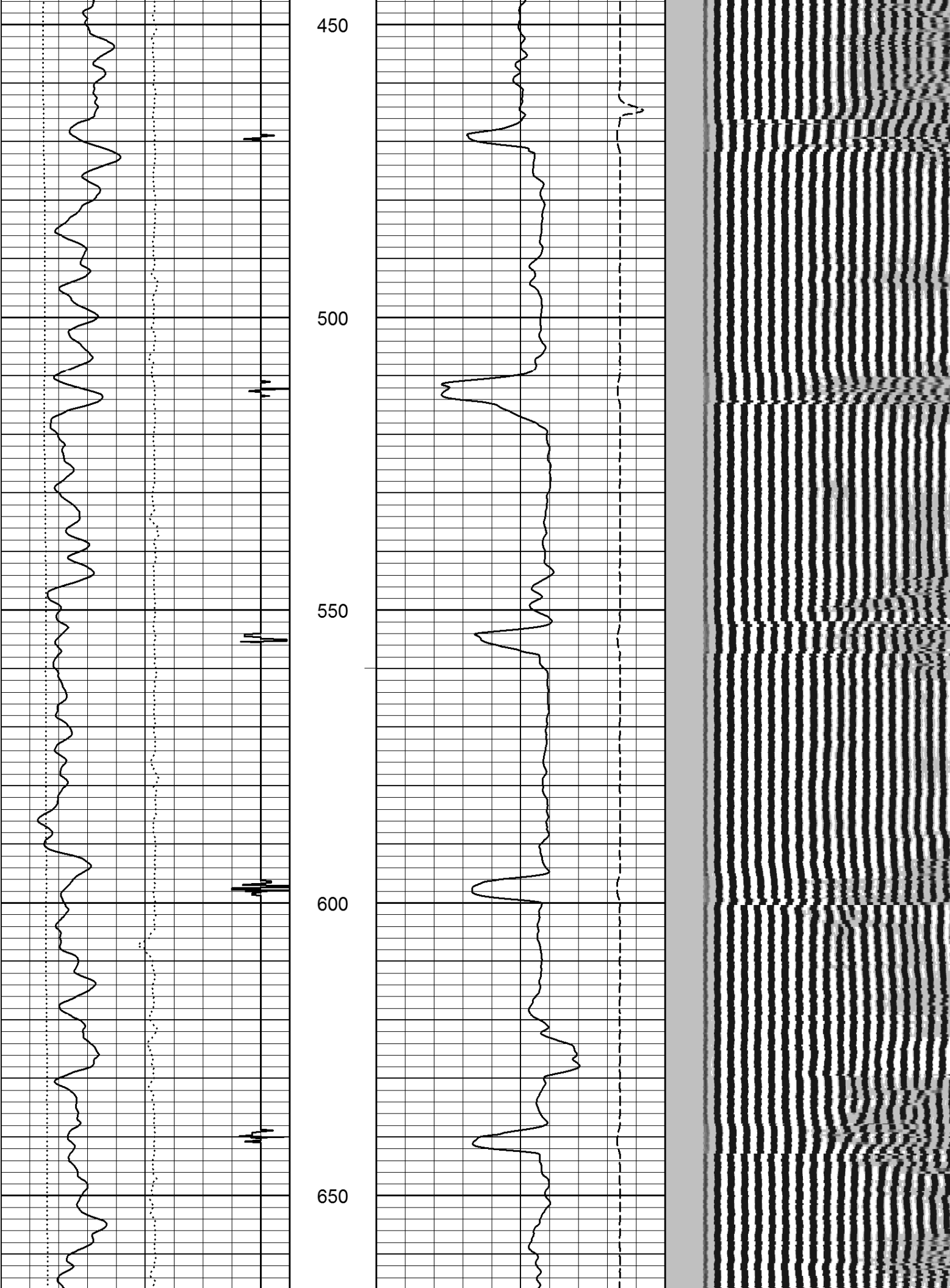
| | |
|---------------------------|--|
| Previous Well Information | |
| Depth Control Log | |
| Perforated | |
| Bridge Plug Set At | |
| Cement Retainer Set At | |
| Production Packer Set At | |

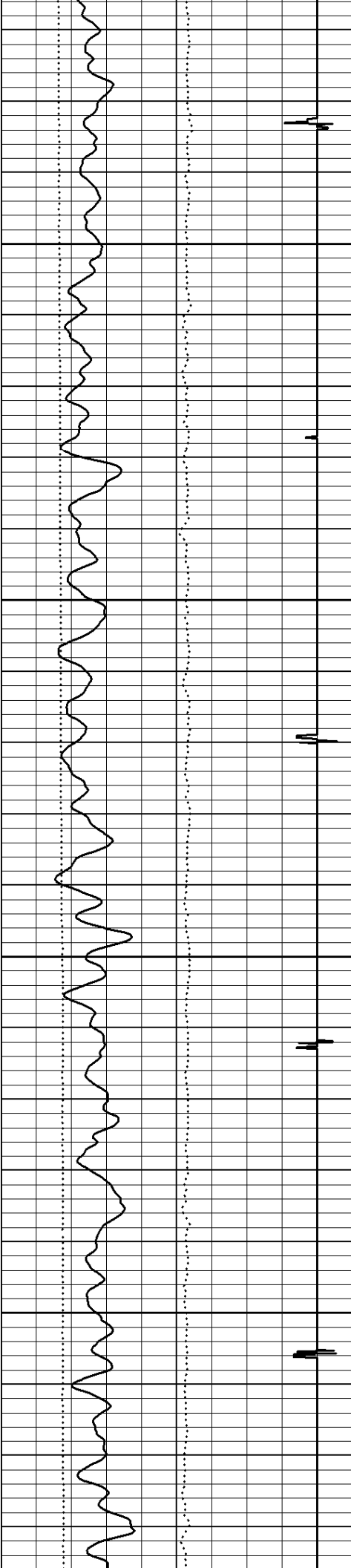
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 as set out in our current price schedule.

| | | | |
|---|--|--|--|
| 2015-04-08 10:03 Tension (lbF) 0.00 2000.00 COLLAR LOCATOR 0.0 10.0 GAMMA RAY 0.0 150.0 HEAD VOLTAGE (V) 150.0 160.0 Pass No. 28 | FEET 1:240 -5.73 | 3' AMPLITUDE (mV) 0.0 100.0 AMPLITUDE X 5 (mV) 0.0 20.0 3' TRAVEL TIME (μs) 800.0 150.0 Logging Up Shutin | 5' VARIABLE DENSITY (μs) 200.00 1200.00 File CBL MAIN PASS.pre 110204 |
|  CASING COLLAR LOCATOR → | 0 |  |  |







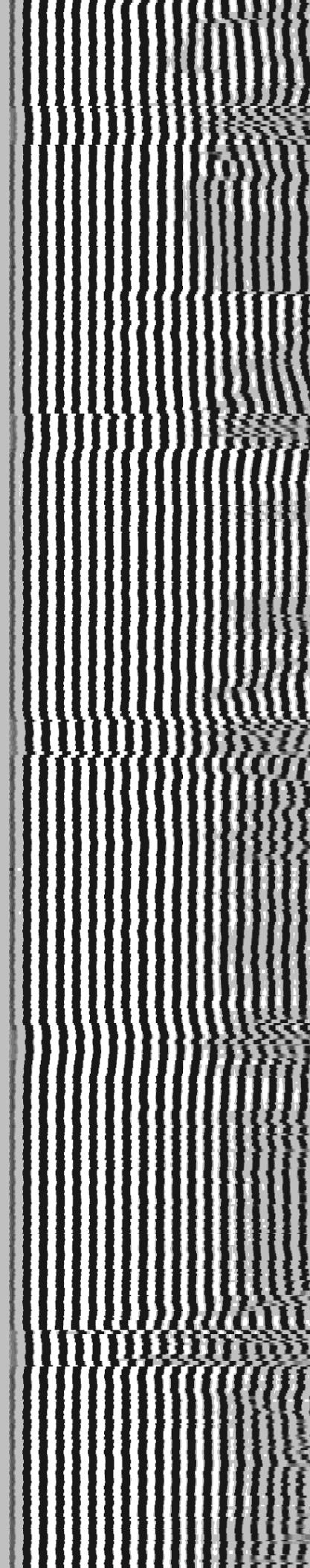
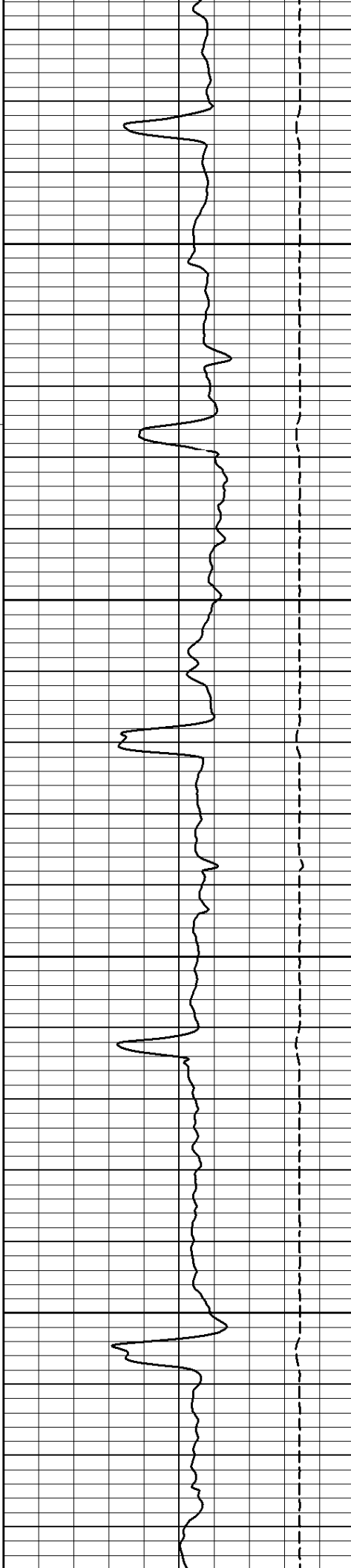


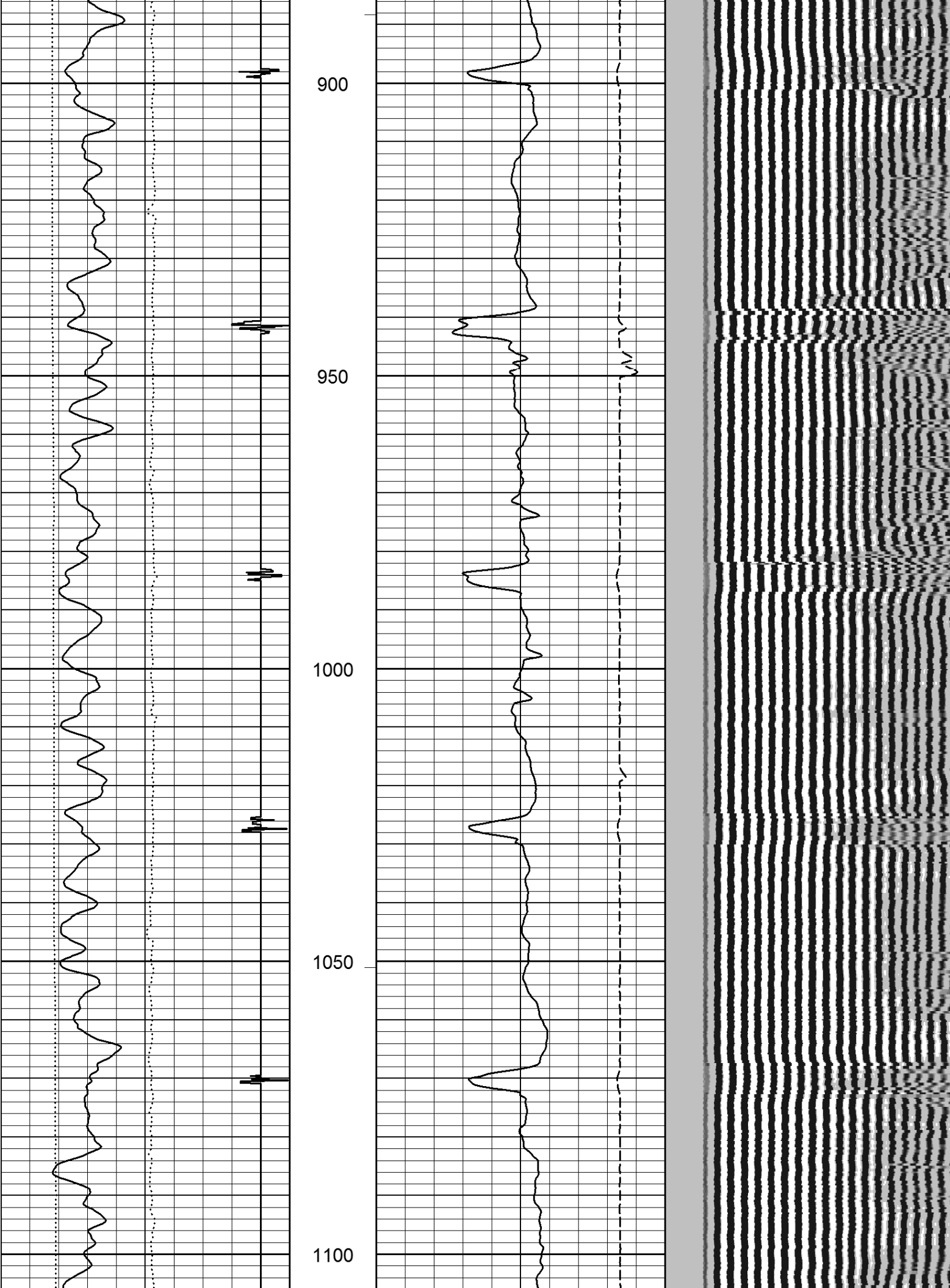
700

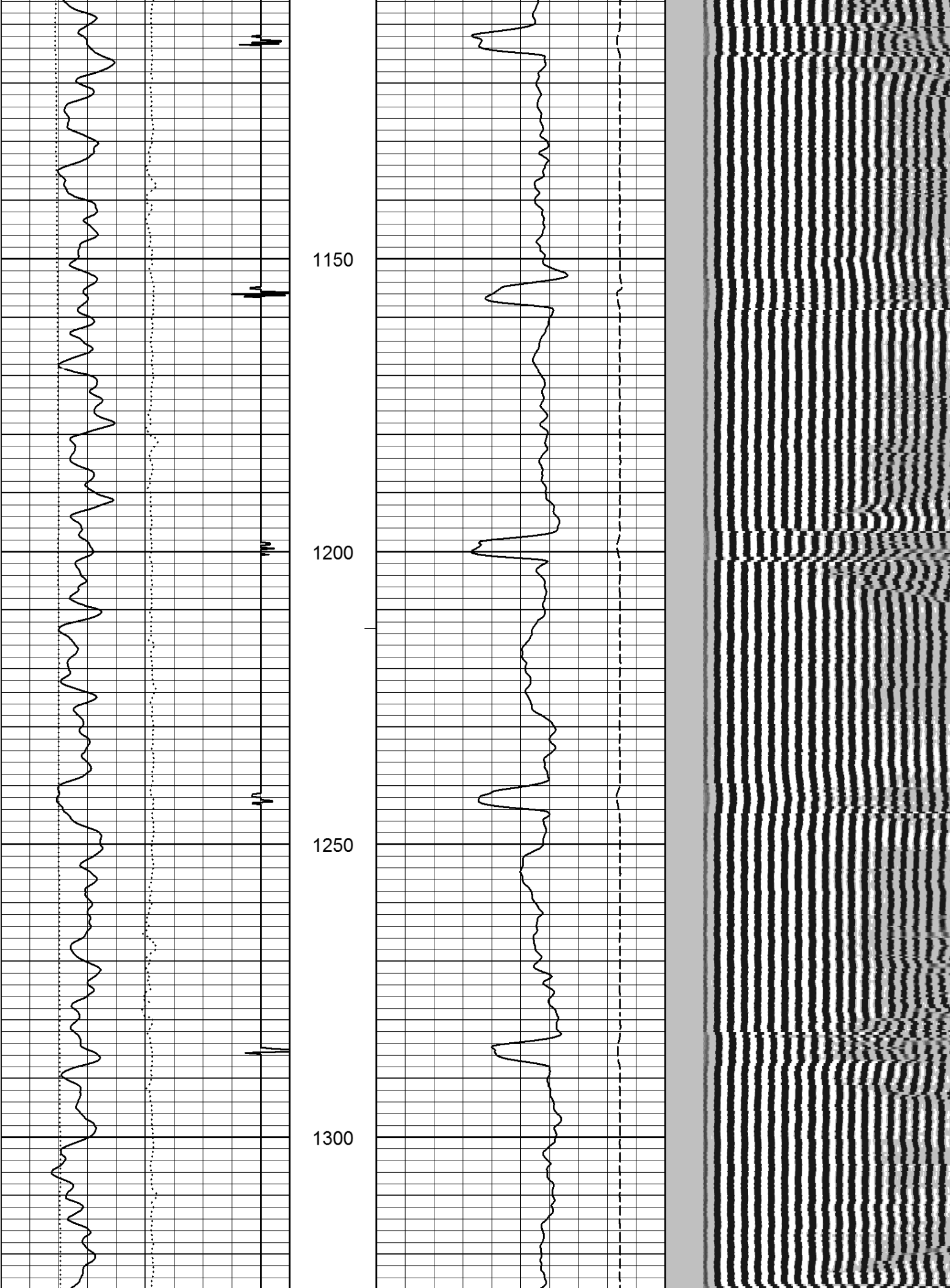
750

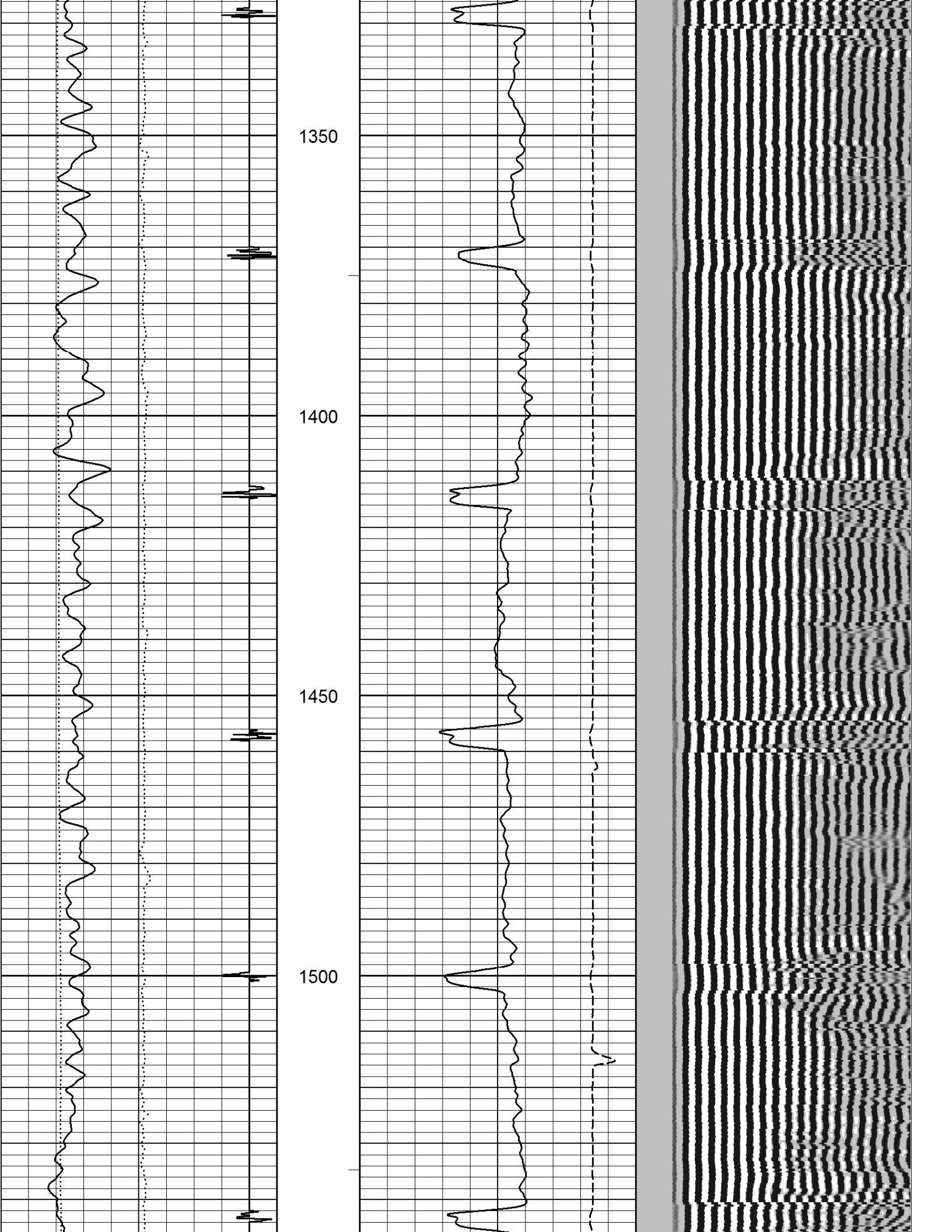
800

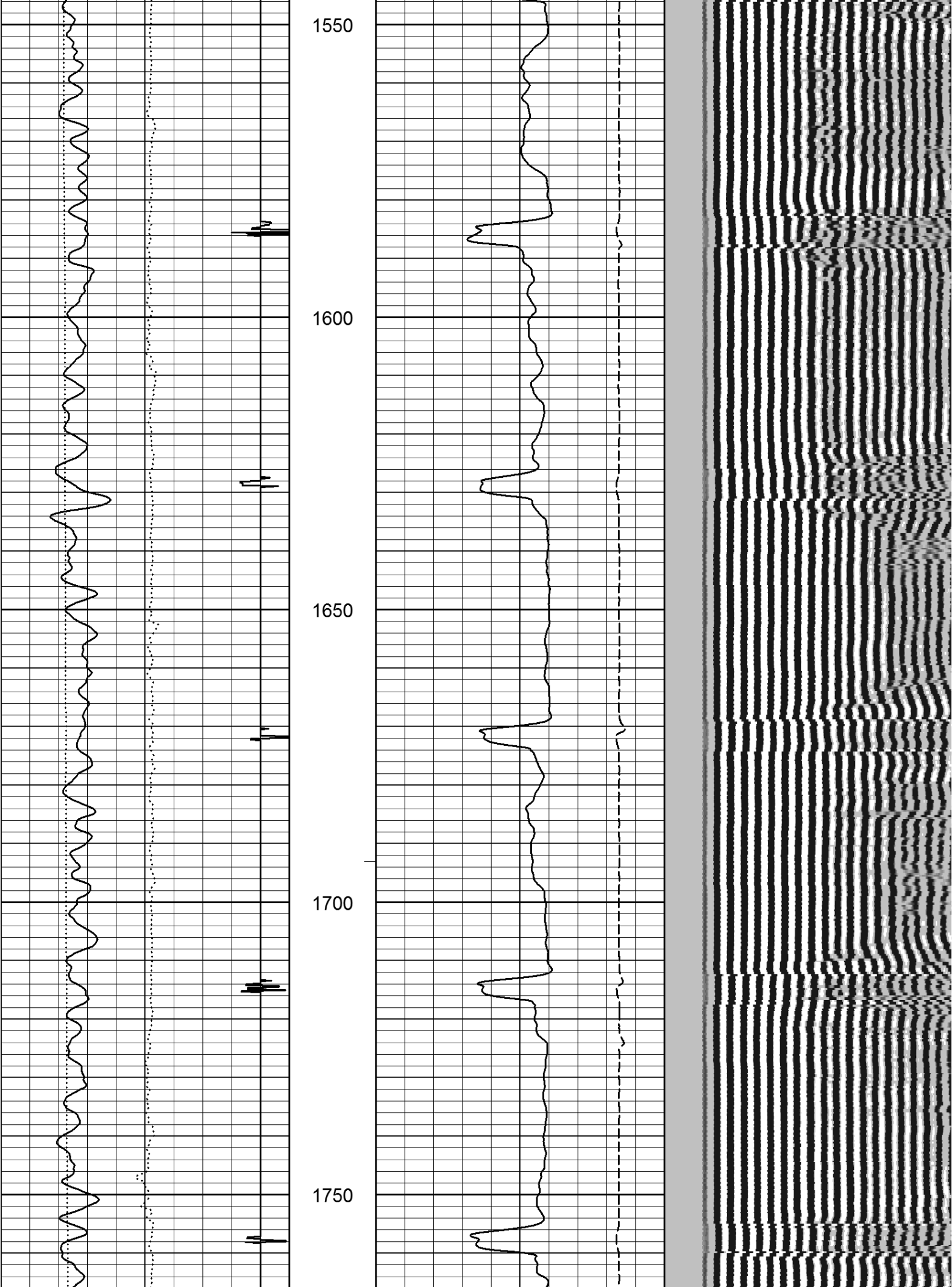
850

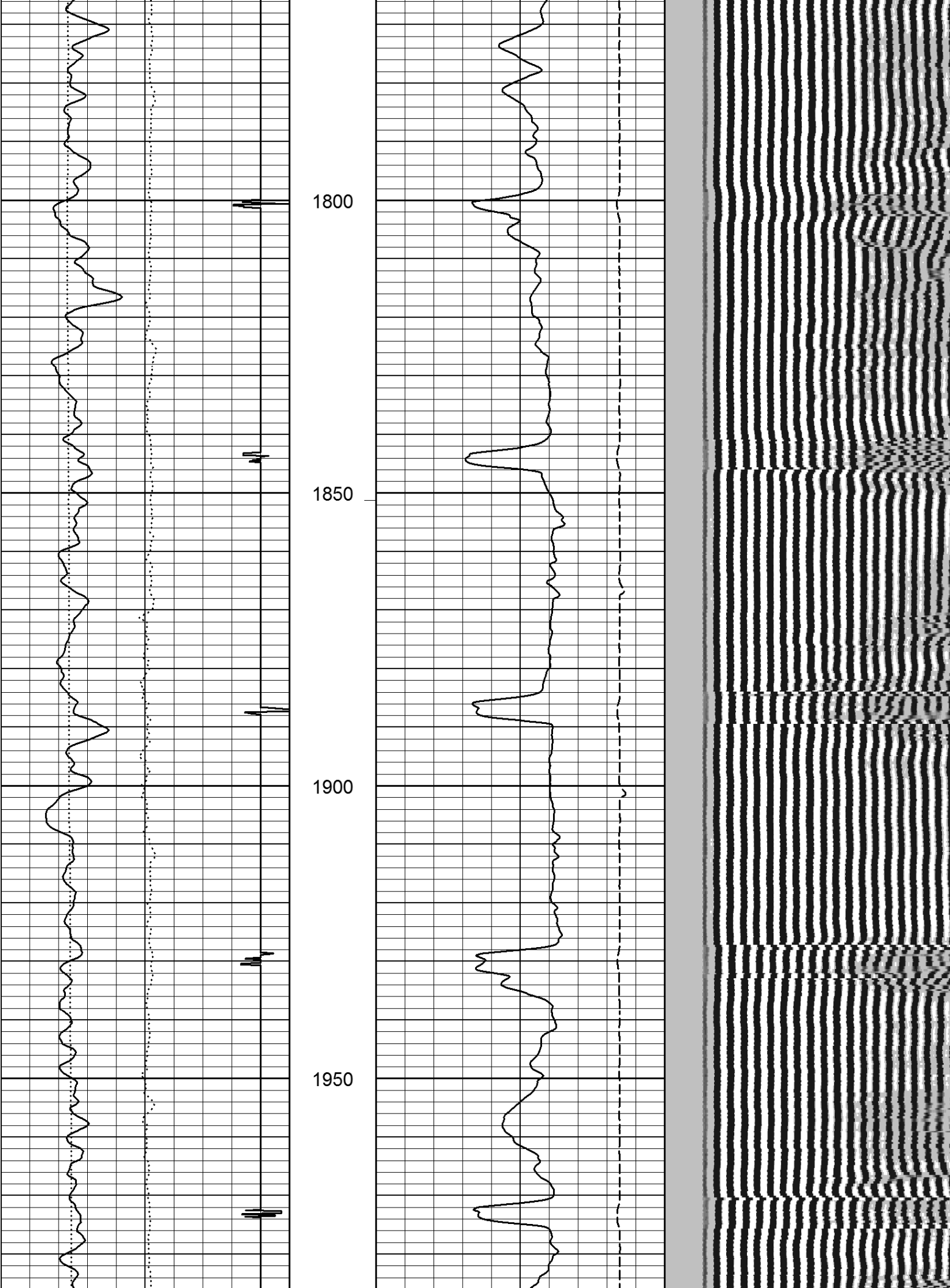


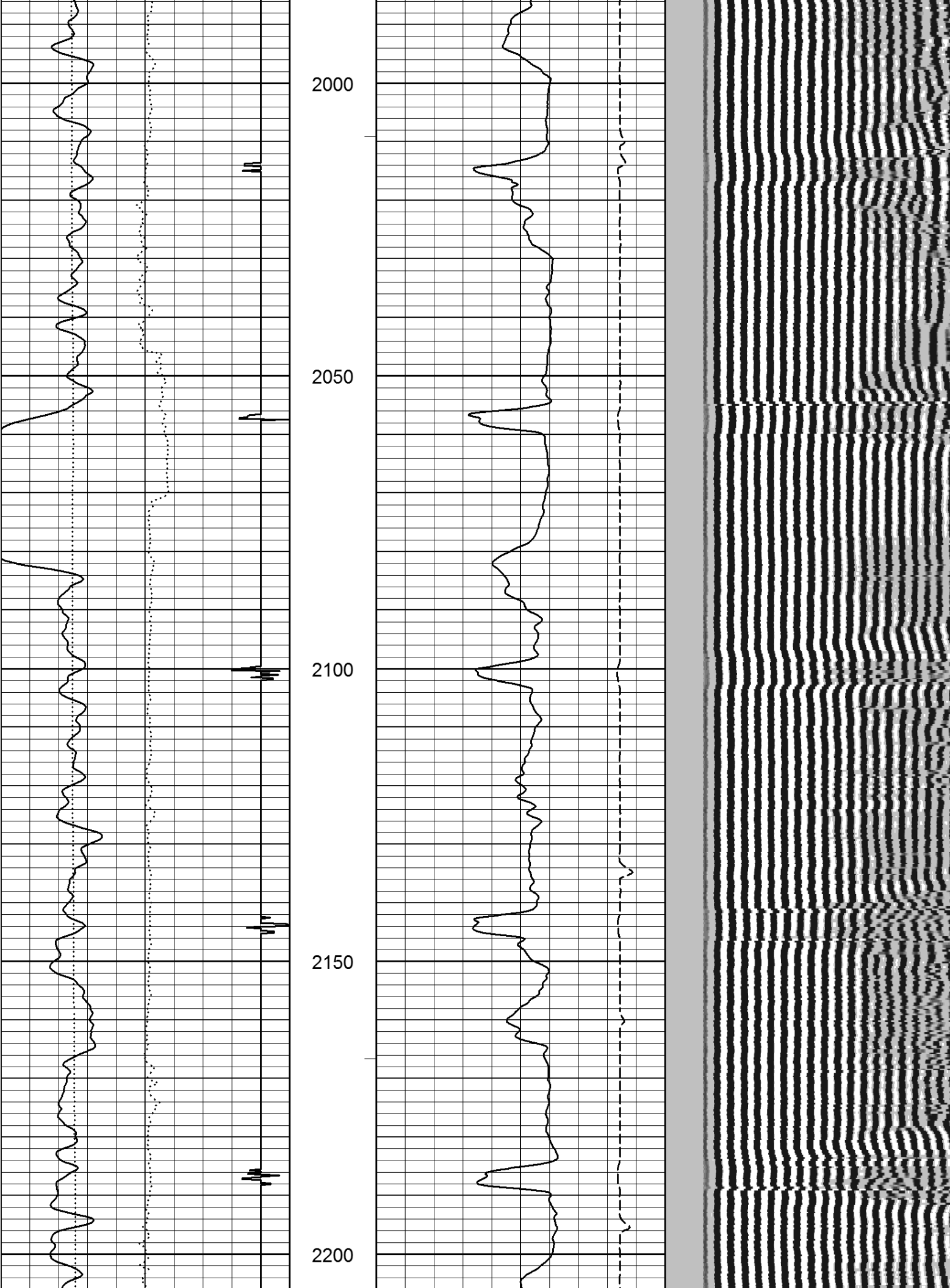


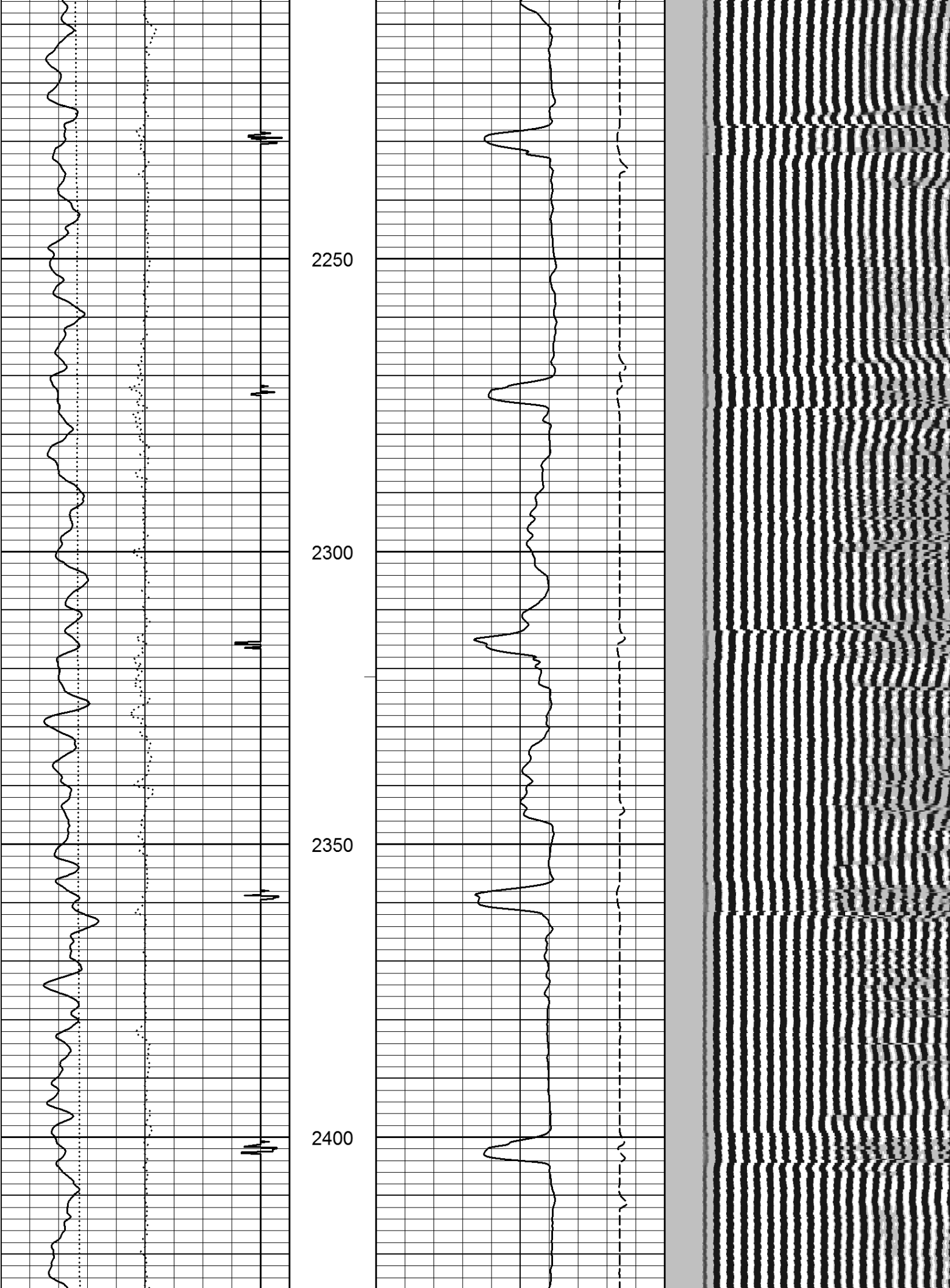


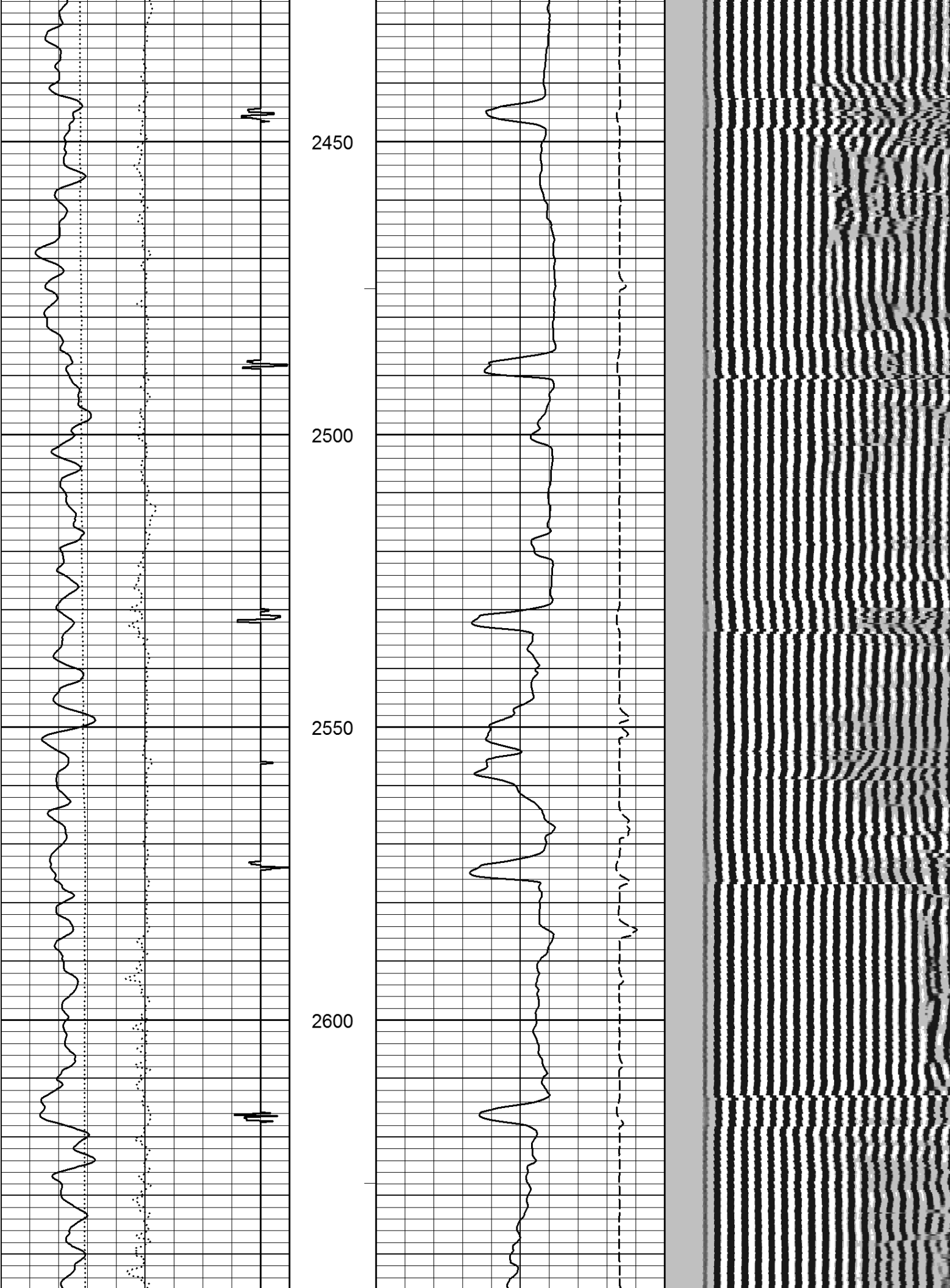


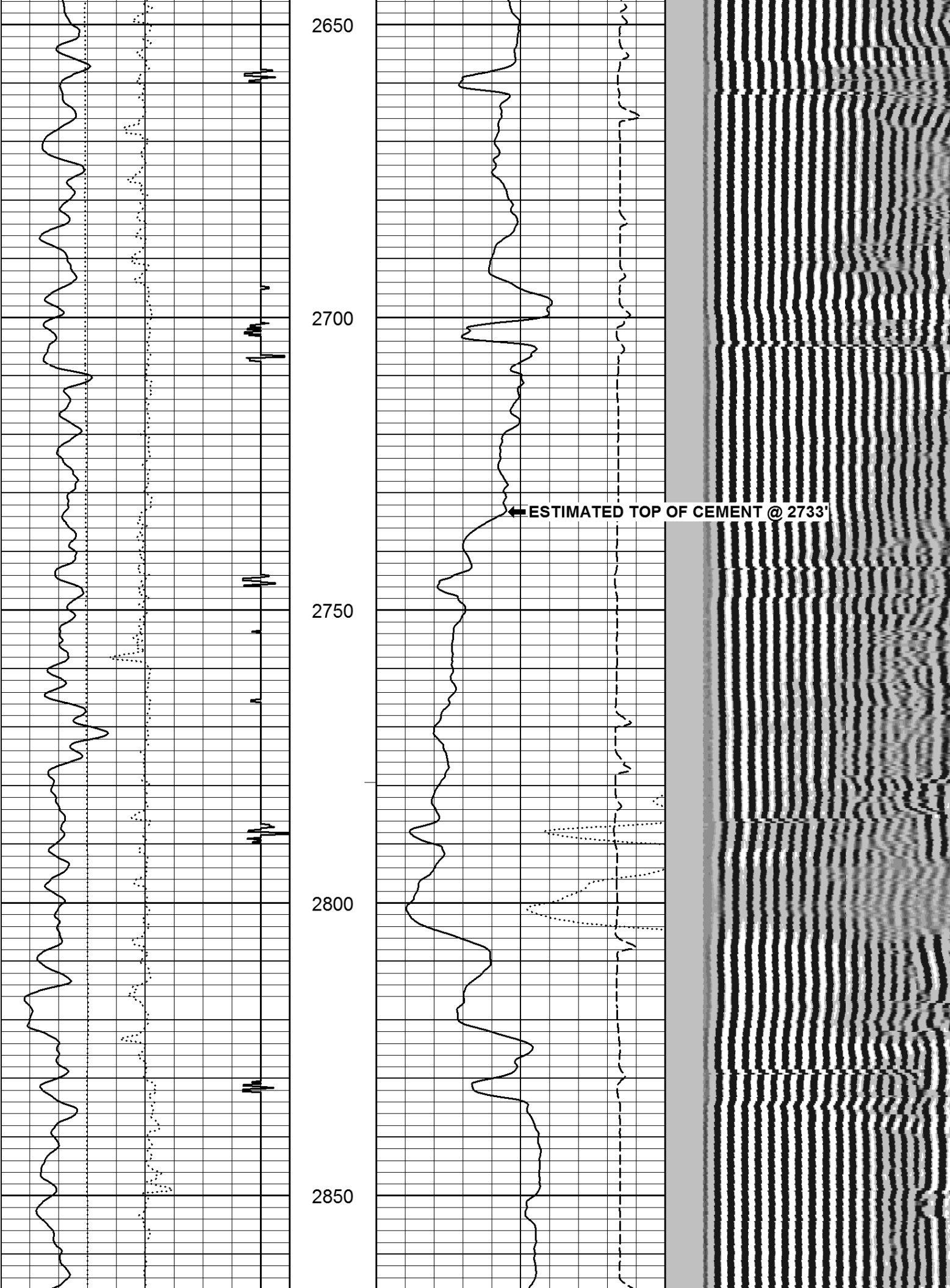


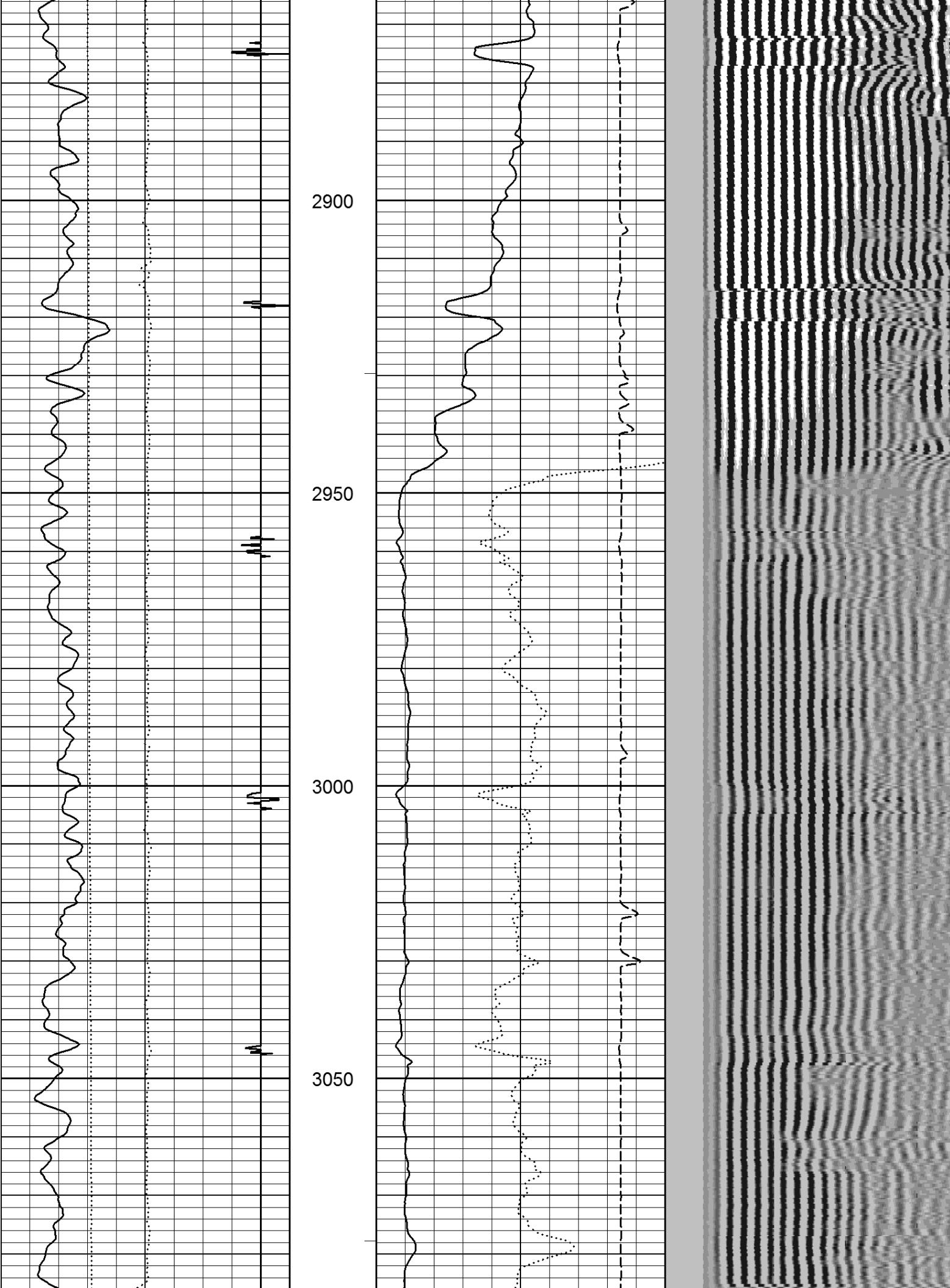


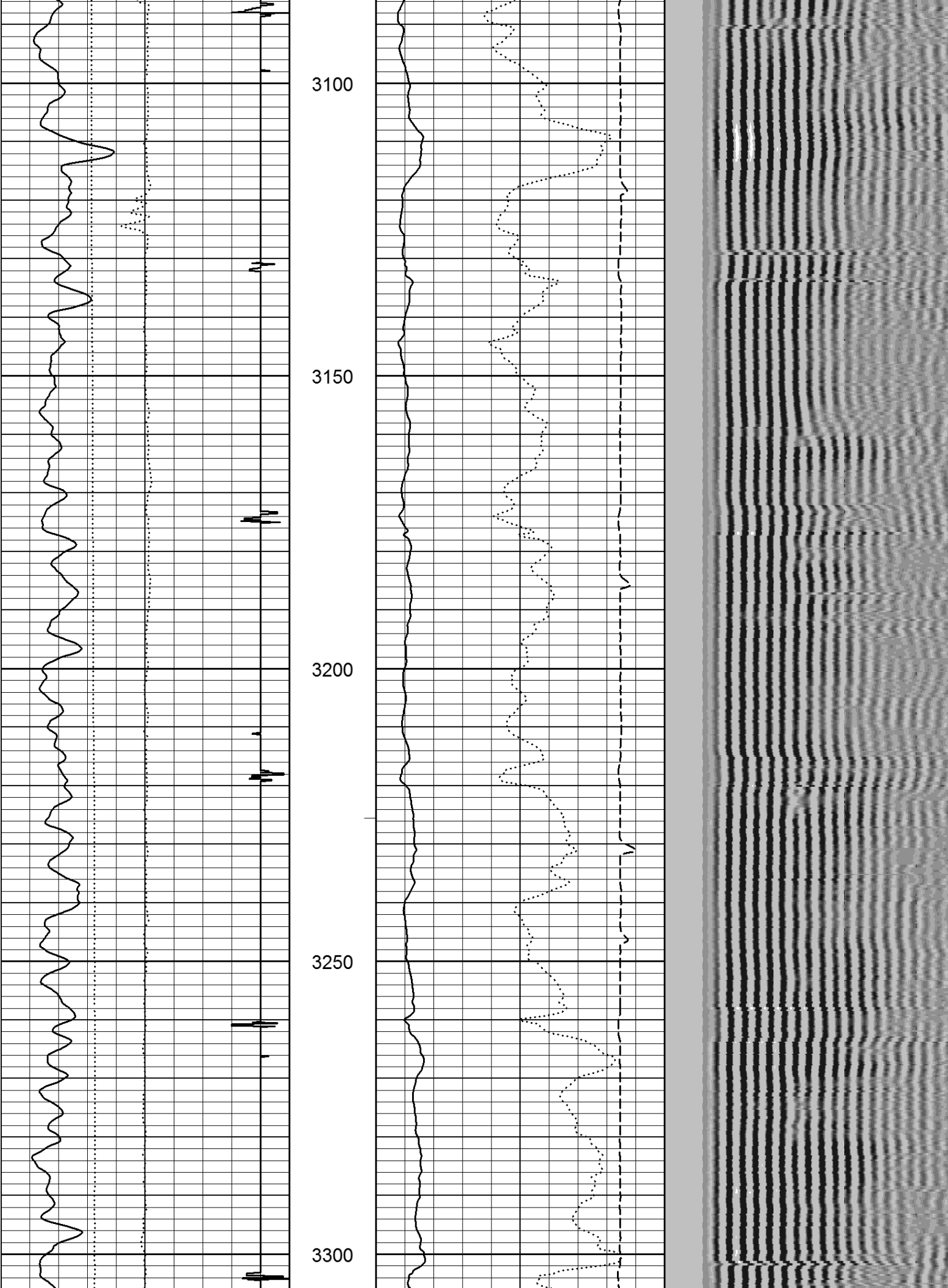


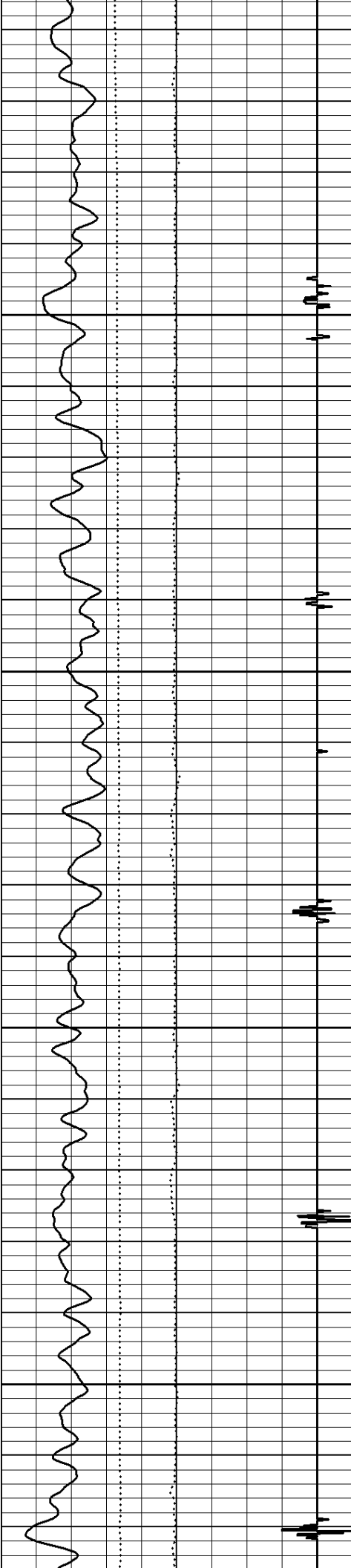










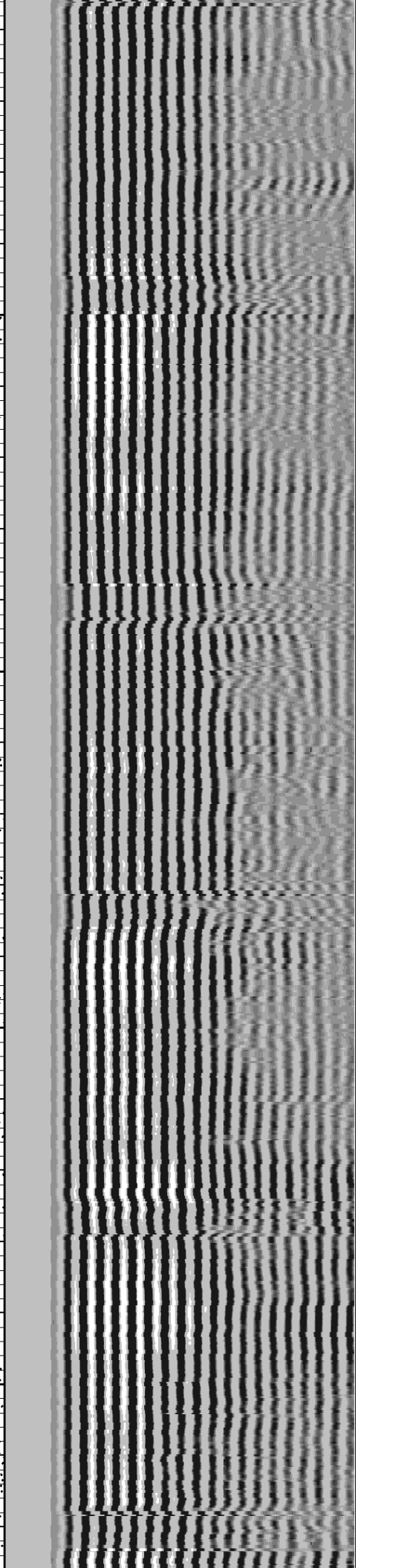


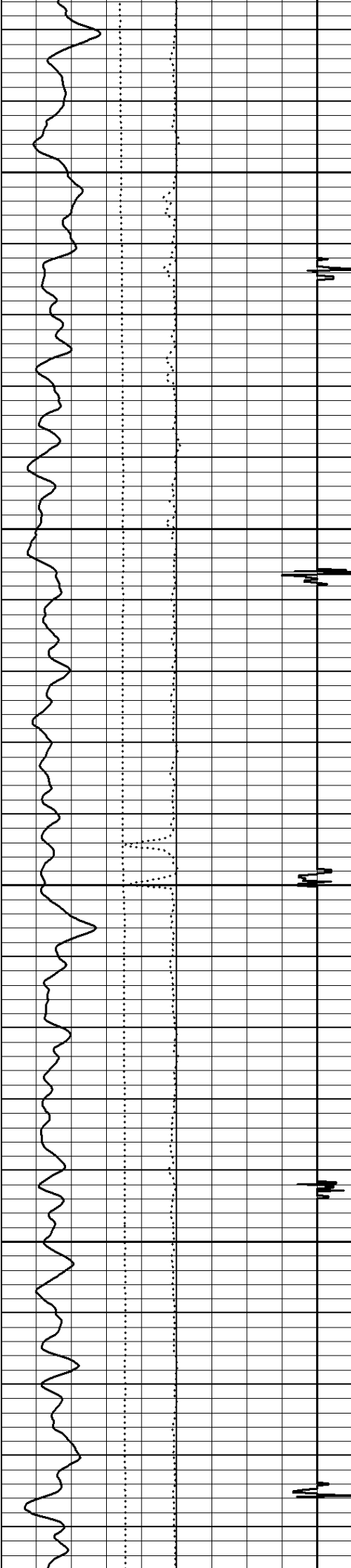
3350

3400

3450

3500



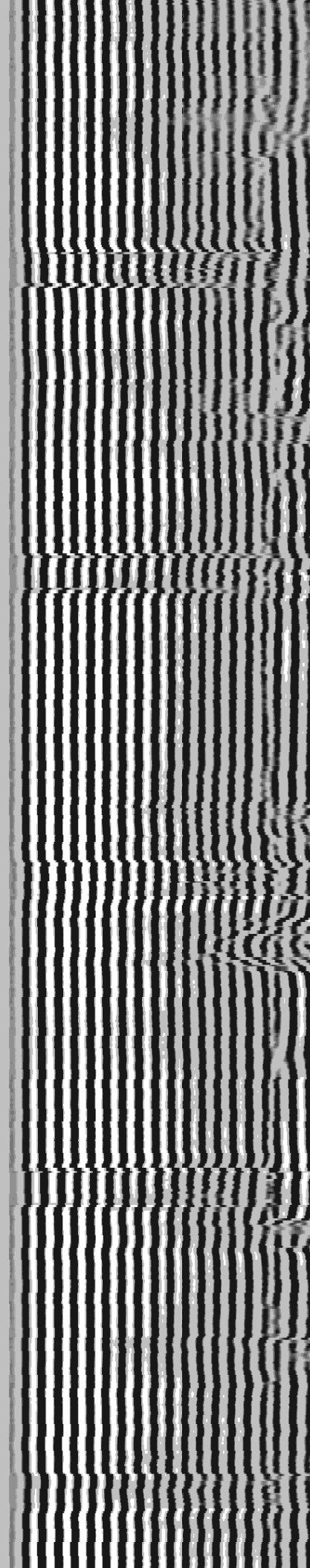
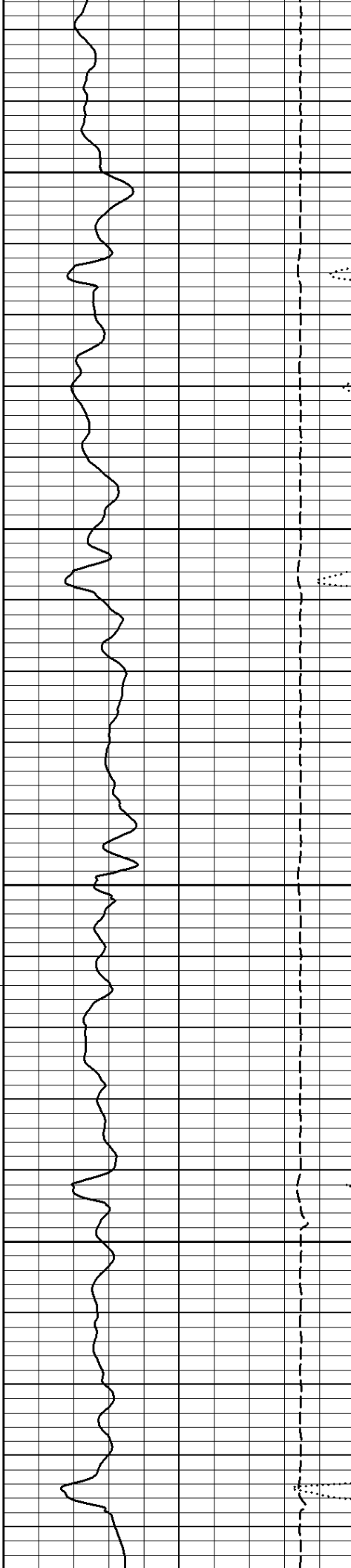


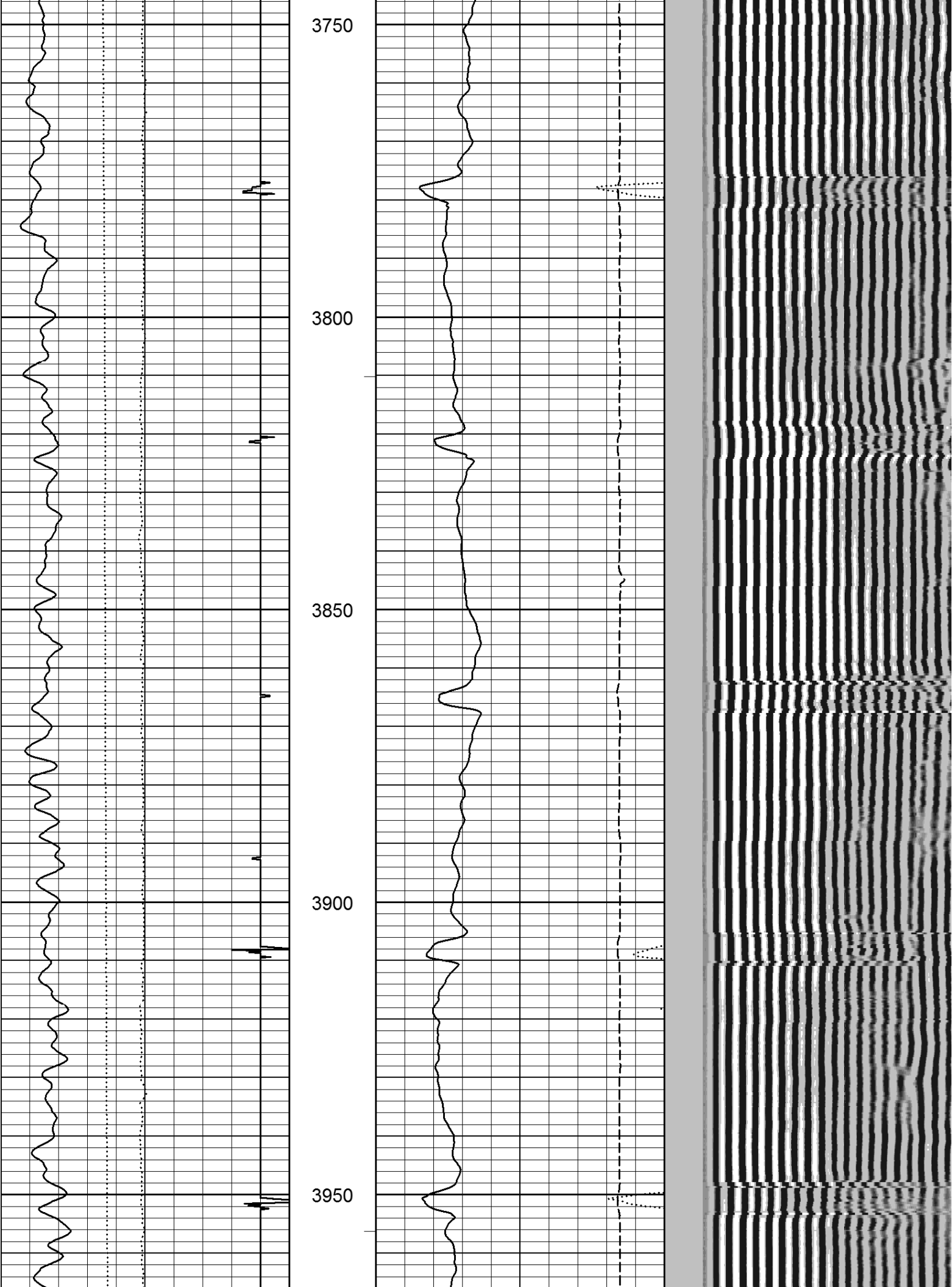
3550

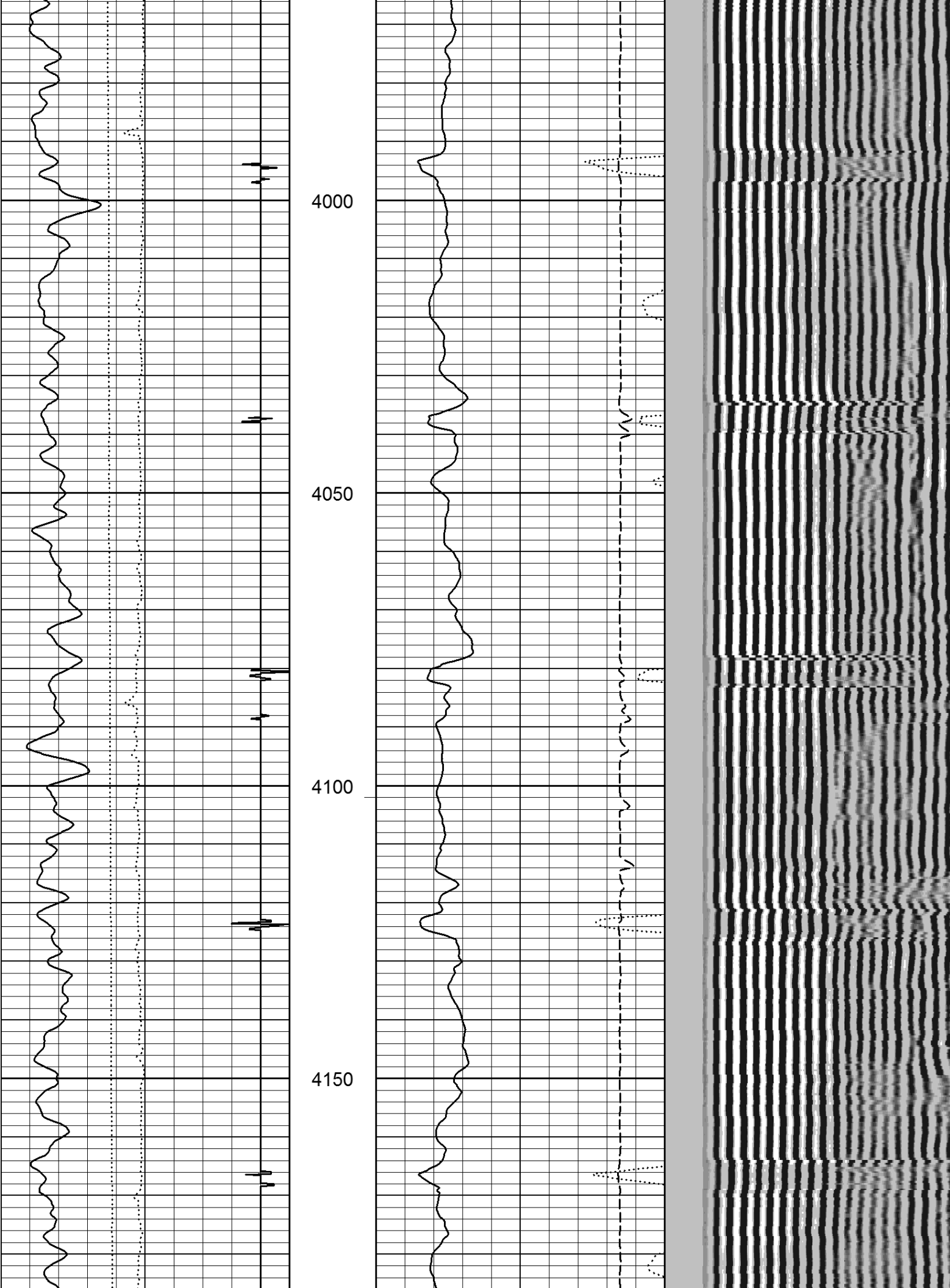
3600

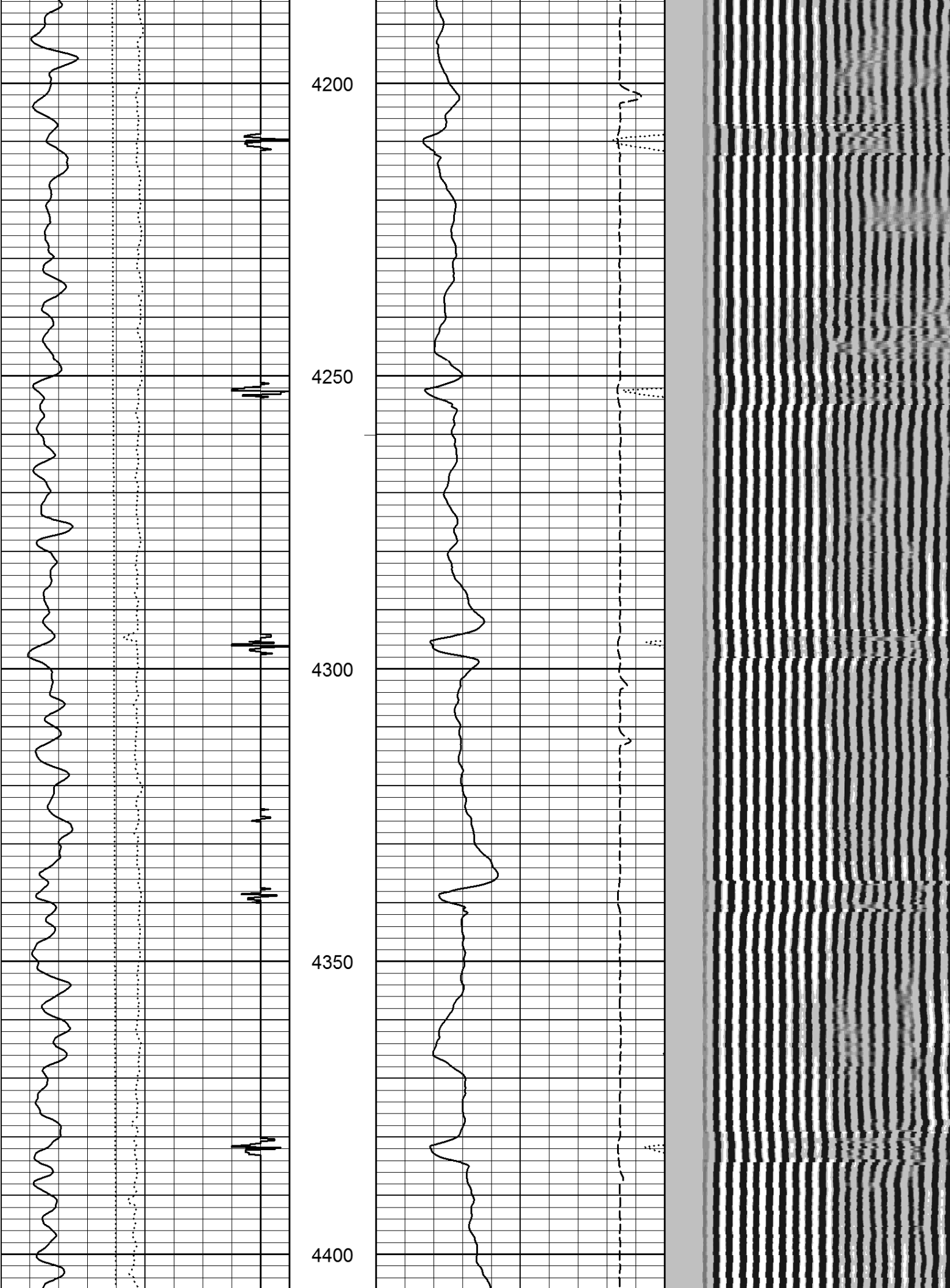
3650

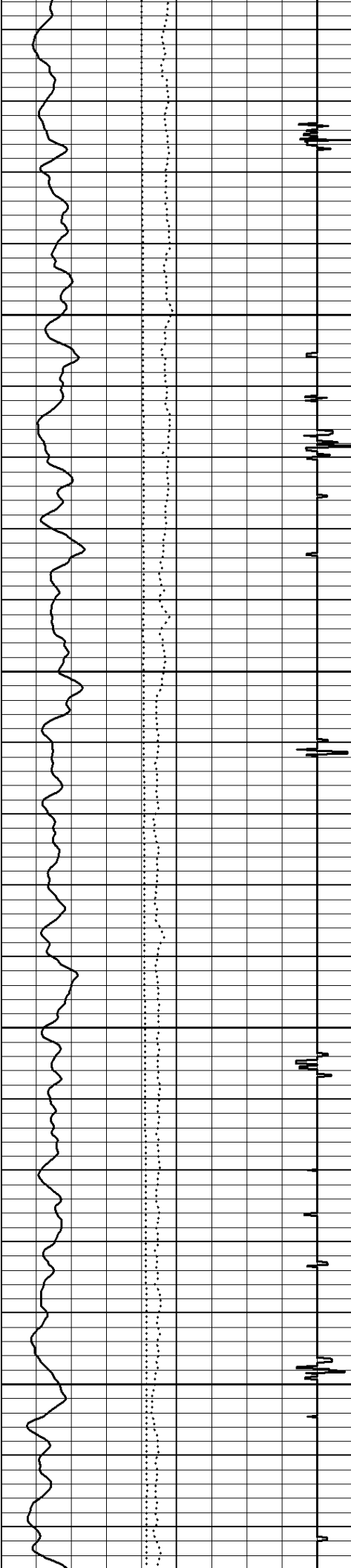
3700









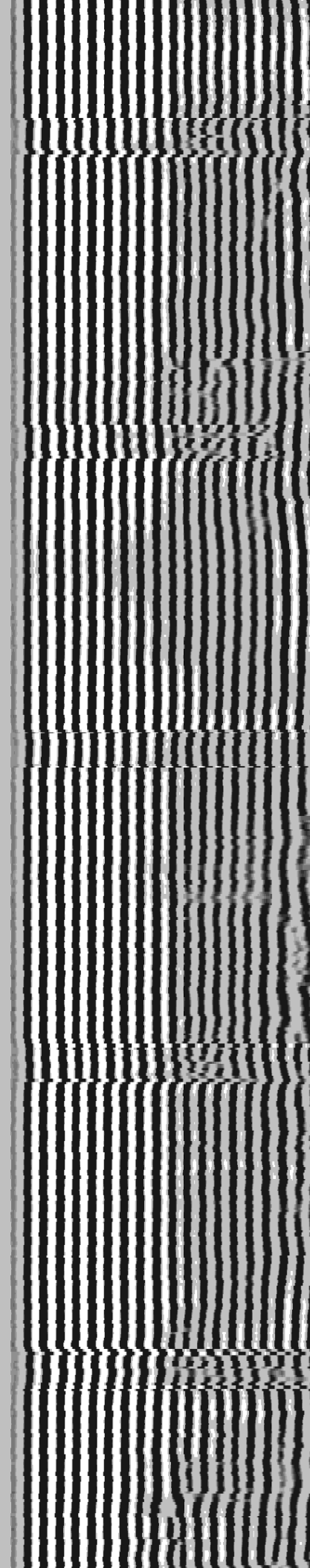
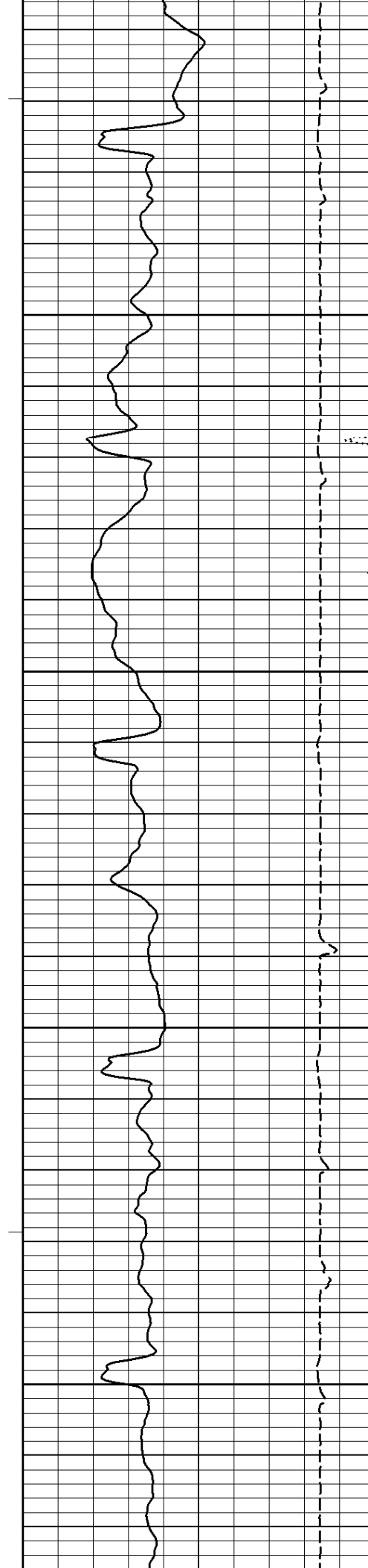


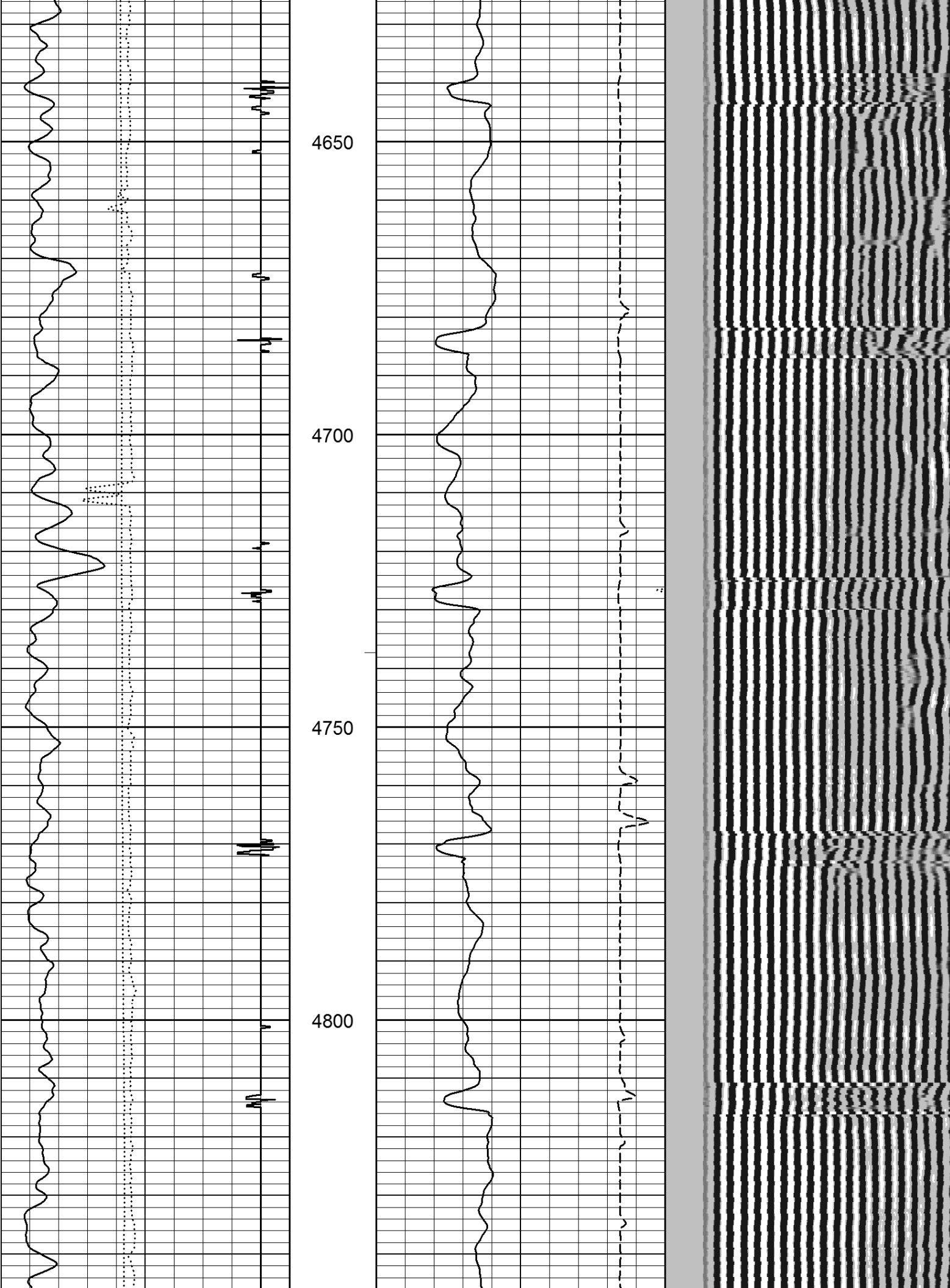
4450

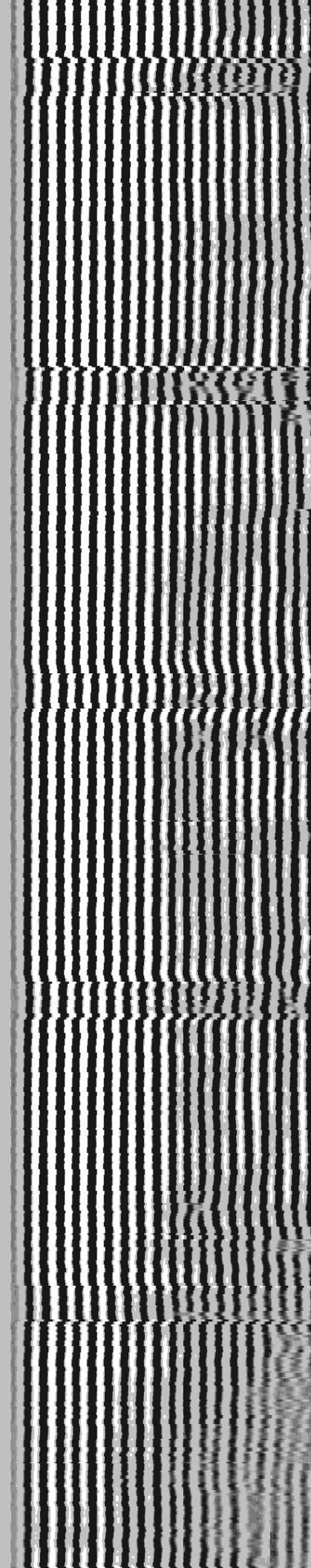
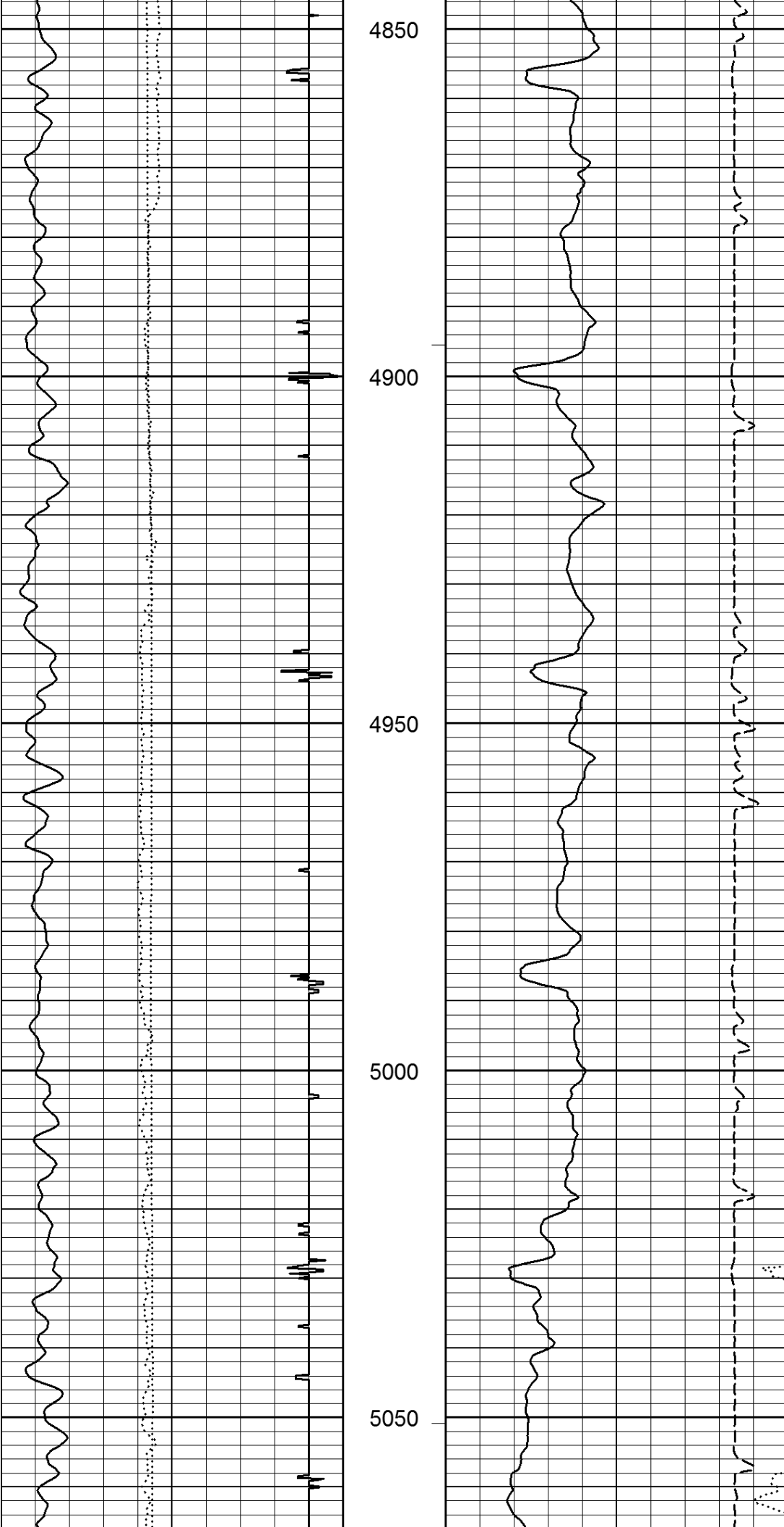
4500

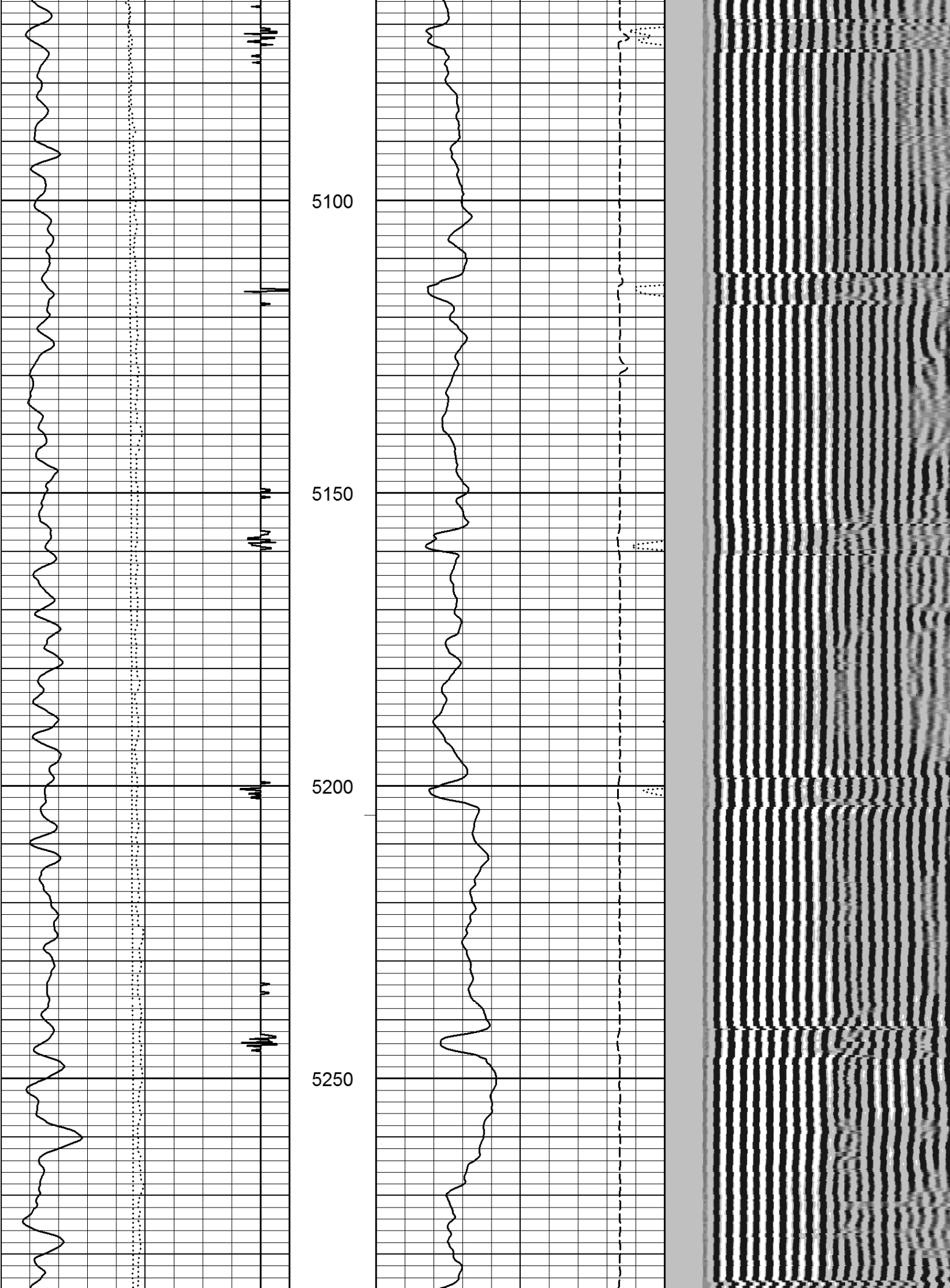
4550

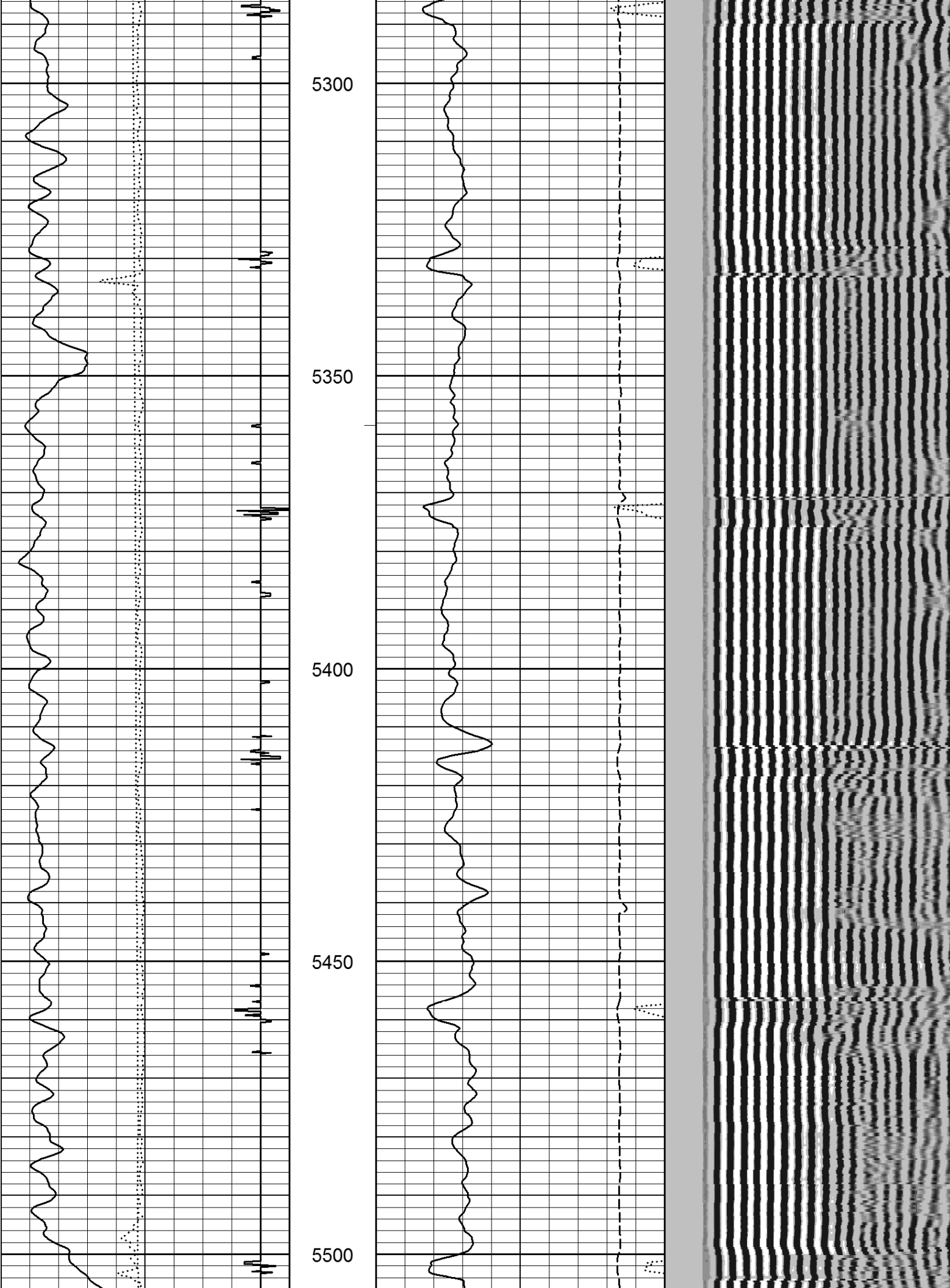
4600

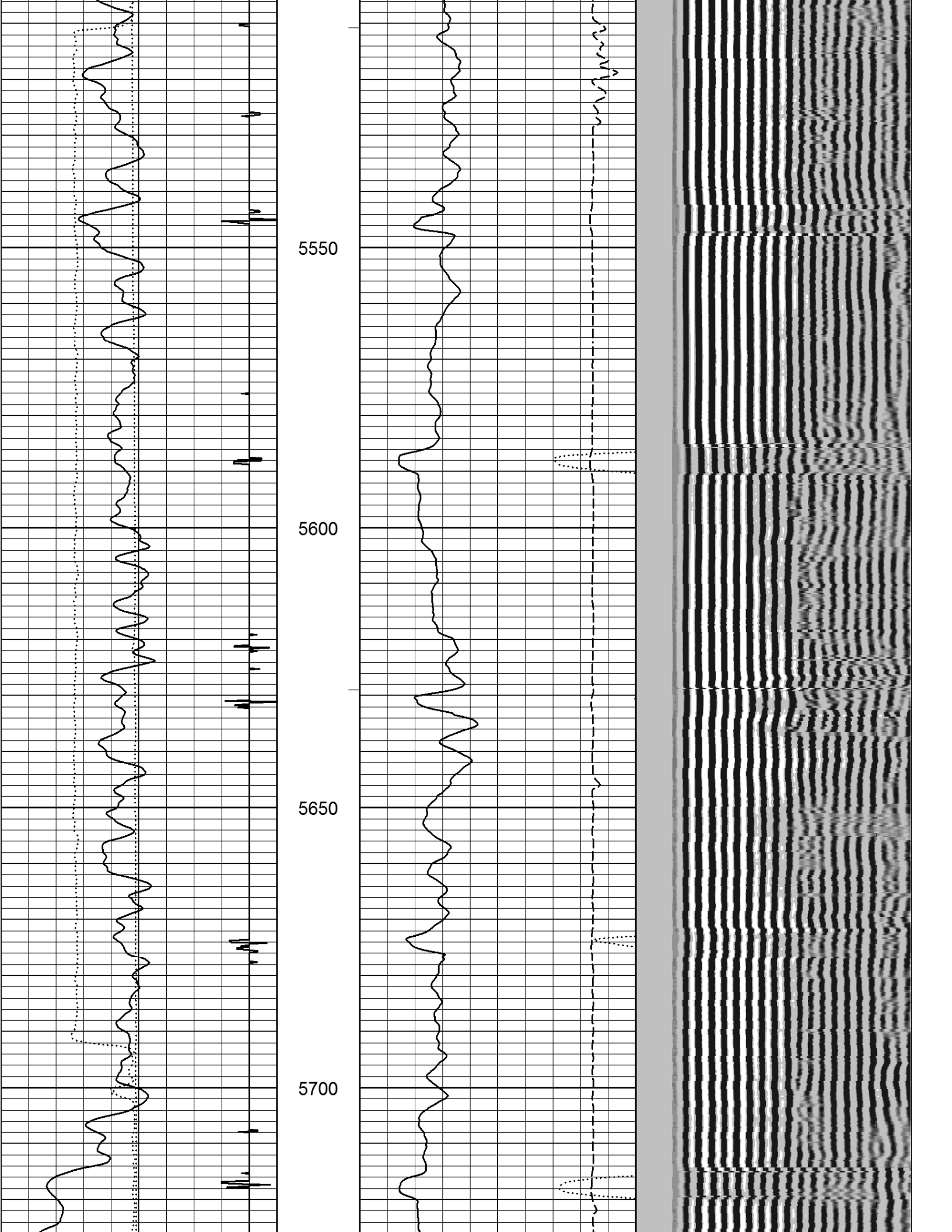


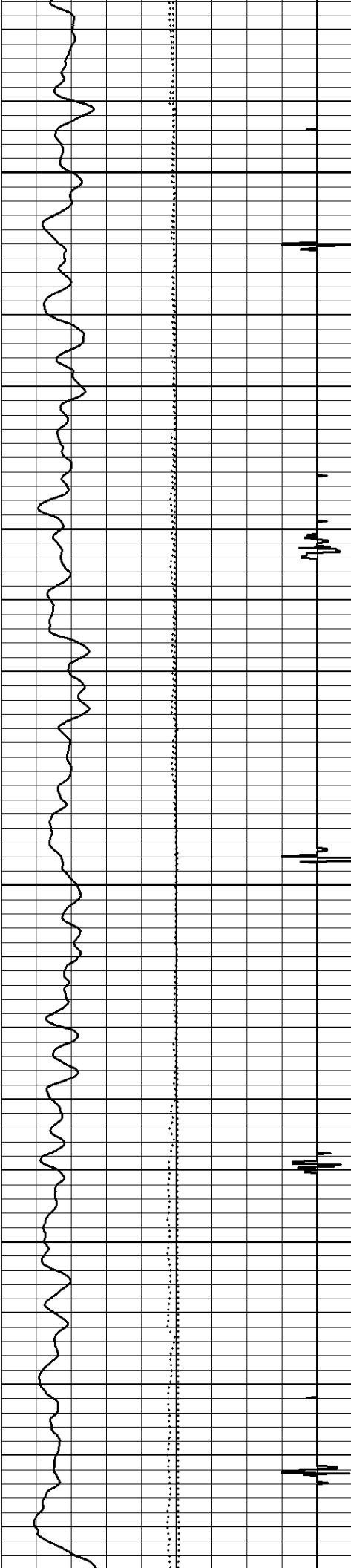










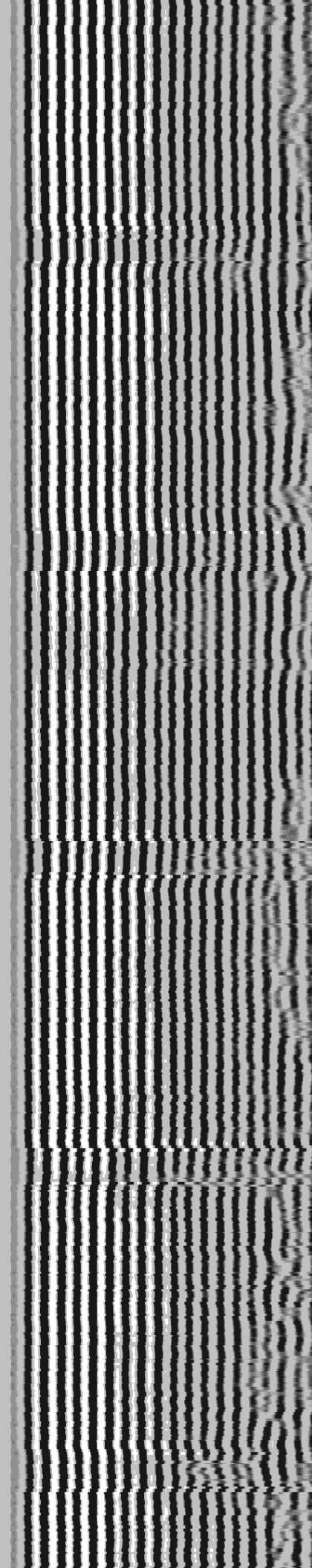
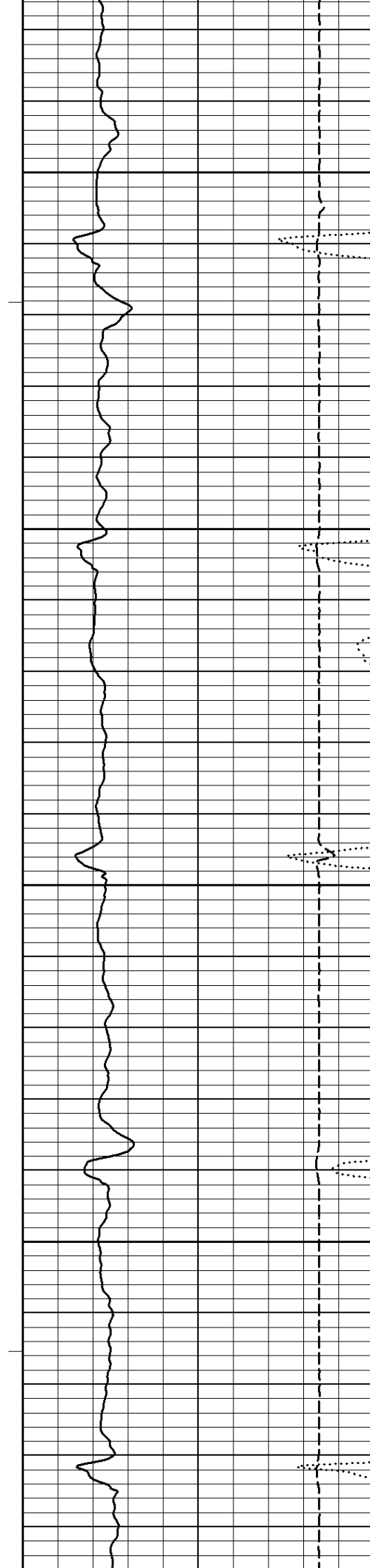


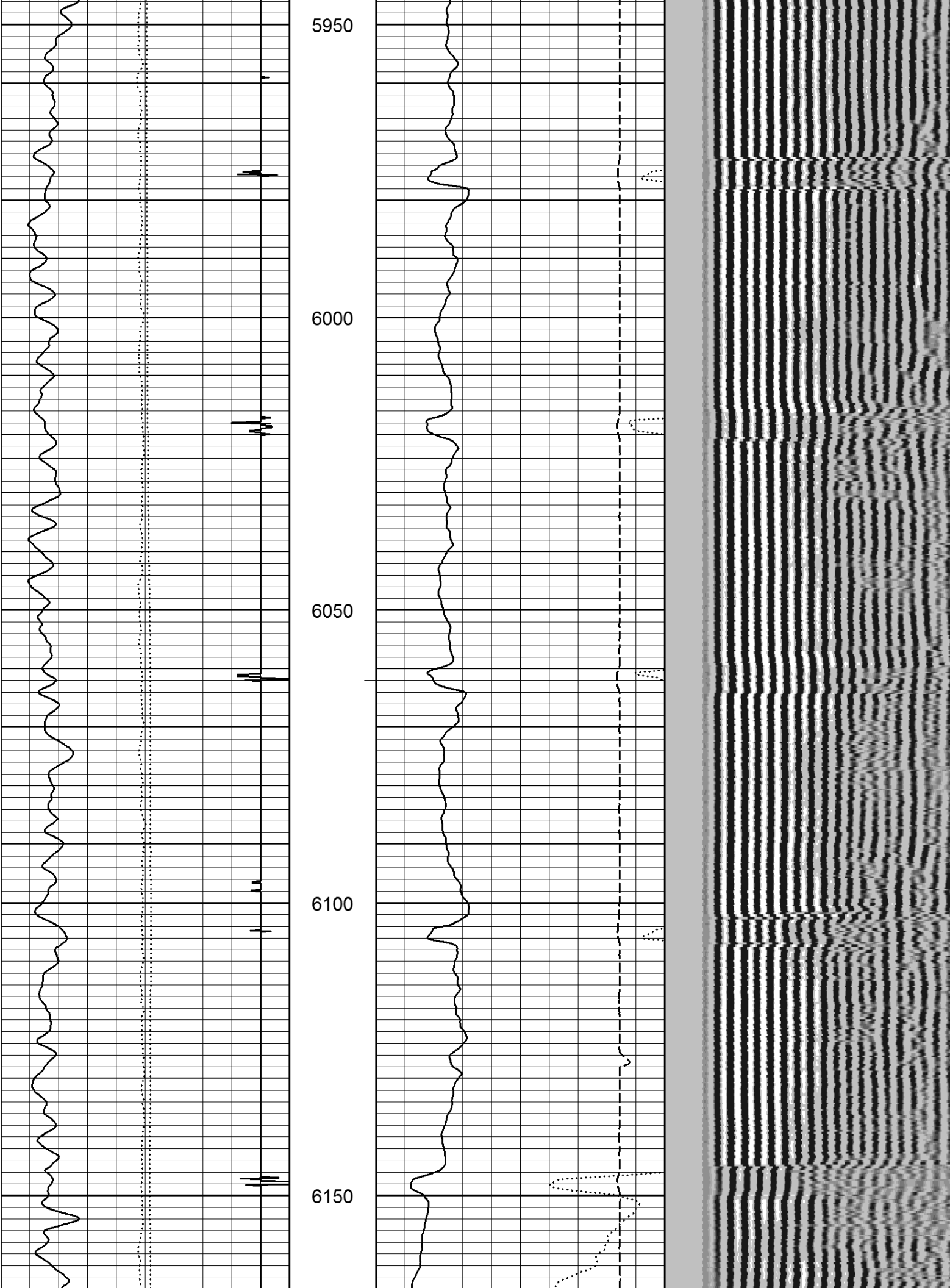
5750

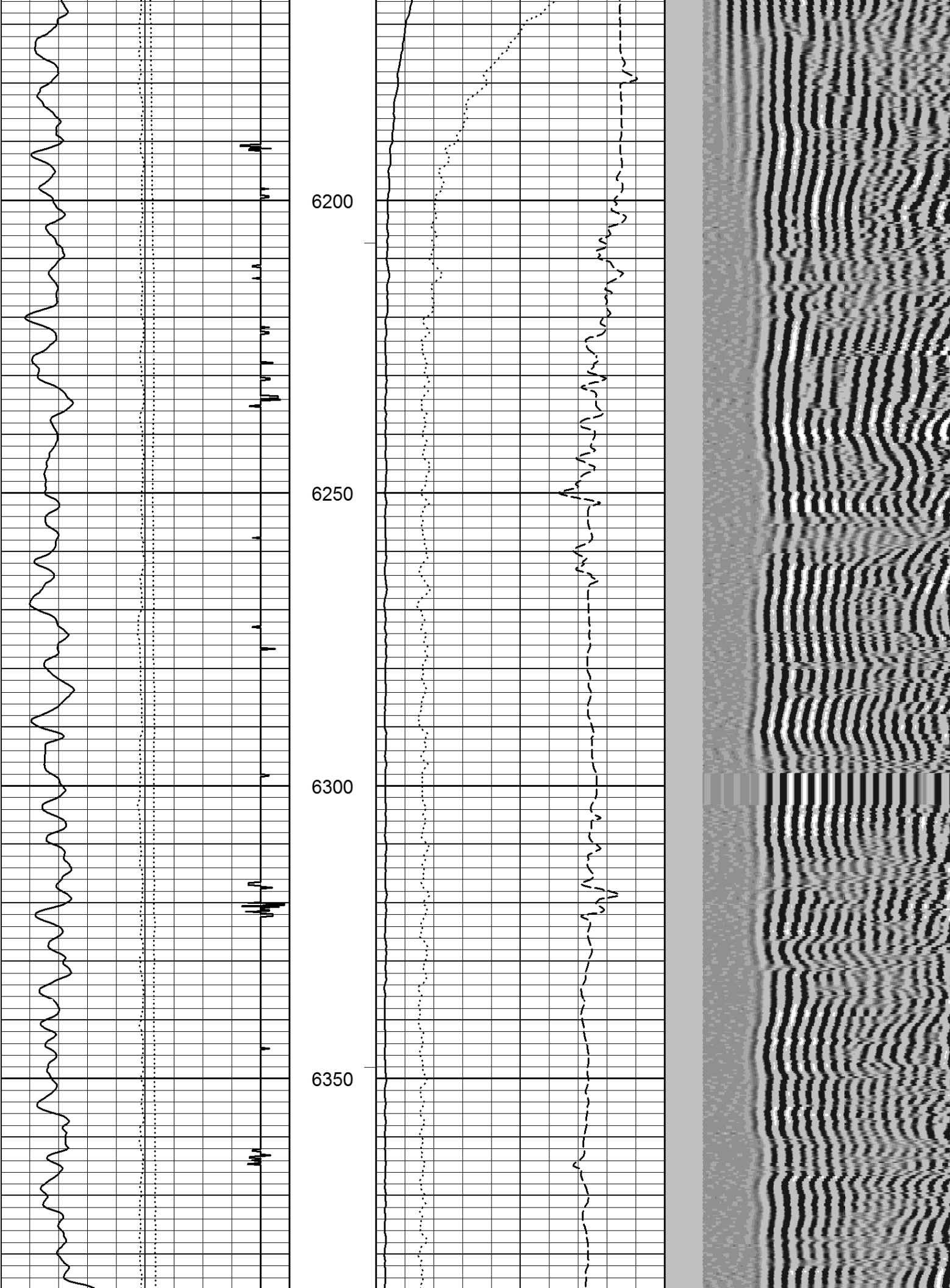
5800

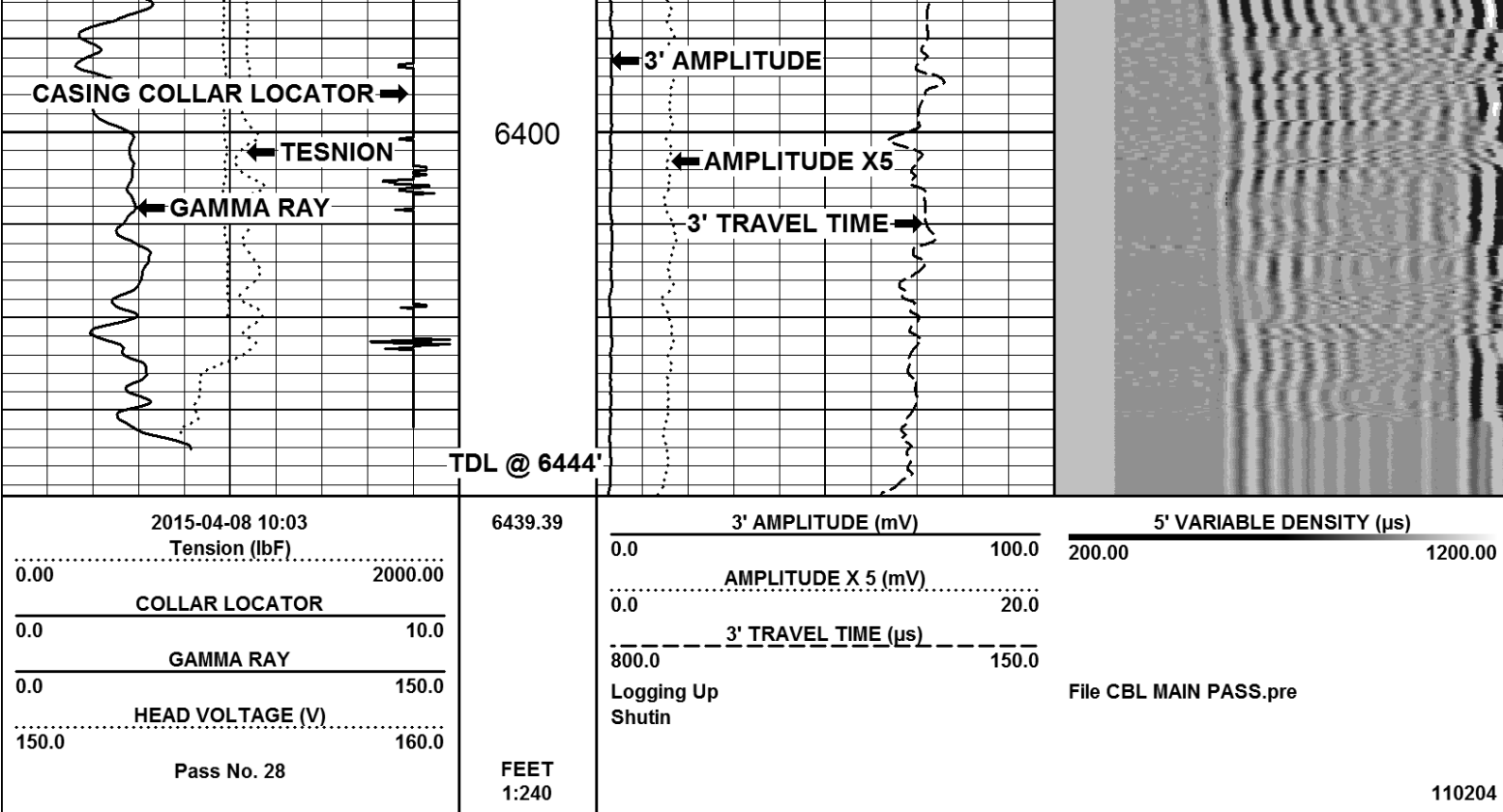
5850

5900









Company PDC ENERGY INC.

Well STATE 6523 11-28

Field WATTENBERG

County WELD **State** COLORADO

1/4'S NWNV **SEC.** 28 **TWP.** 6N **RGE.** 63W