

# DUAL RECEIVER CEMENT BOND LOG

|                        |        |                          |       |
|------------------------|--------|--------------------------|-------|
| Company                |        | JOHN O. FARMER, INC.     |       |
| Well                   |        | A. WASINGER #9           |       |
| Field                  |        | N/A                      |       |
| County                 |        | ELLIS                    |       |
| State                  |        | KANSAS                   |       |
| Location:              |        | APL # : 15-051-27045-000 |       |
| SEC 15 TWP 15S RGE 18W |        | 890' FSL & 430' FEL      |       |
| Permanent Datum        |        | GROUND LEVEL             |       |
| Log Measured From      |        | KELLY BUSHING 8' A.G.L.  |       |
| Drilling Measured From |        | KELLY BUSHING            |       |
| Elevation              |        | 2007'                    |       |
| Date                   |        | SEPT. 12, 2022           |       |
| Run Number             |        | ONE                      |       |
| Depth Driller          |        | 3692'                    |       |
| Depth Logger           |        | 3643'                    |       |
| Bottom Logged Interval |        | 3642'                    |       |
| Top Log Interval       |        | 2500'                    |       |
| Open Hole Size         |        | ///                      |       |
| Type Fluid             |        | WATER                    |       |
| Density / Viscosity    |        | ///                      |       |
| Max. Recorded Temp.    |        | 105F                     |       |
| Estimated Cement Top   |        | 2610'                    |       |
| Time Well Ready        |        | ///                      |       |
| Time Logger on Bottom  |        | ///                      |       |
| Equipment Number       |        | PT-09                    |       |
| Location               |        | HAYS                     |       |
| Recorded By            |        | BOB KLAUS                |       |
| Witnessed By           |        | VAL DREHER               |       |
| Borehole Record        |        | Tubing Record            |       |
| Run Number             | Bit    | From                     | To    |
| ONE                    | 12.25" | 0                        | 1172' |
| TWO                    | 7.875" | 1172'                    | 3692' |
| Casing Record          | Size   | Wgt/Ft                   | Top   |
| Surface String         | 8 5/8" |                          | 0     |
| Prot. String           |        |                          |       |
| Production String      | 5 1/2" | 14#                      | 0     |
| Liner                  |        |                          | 3691' |

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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.

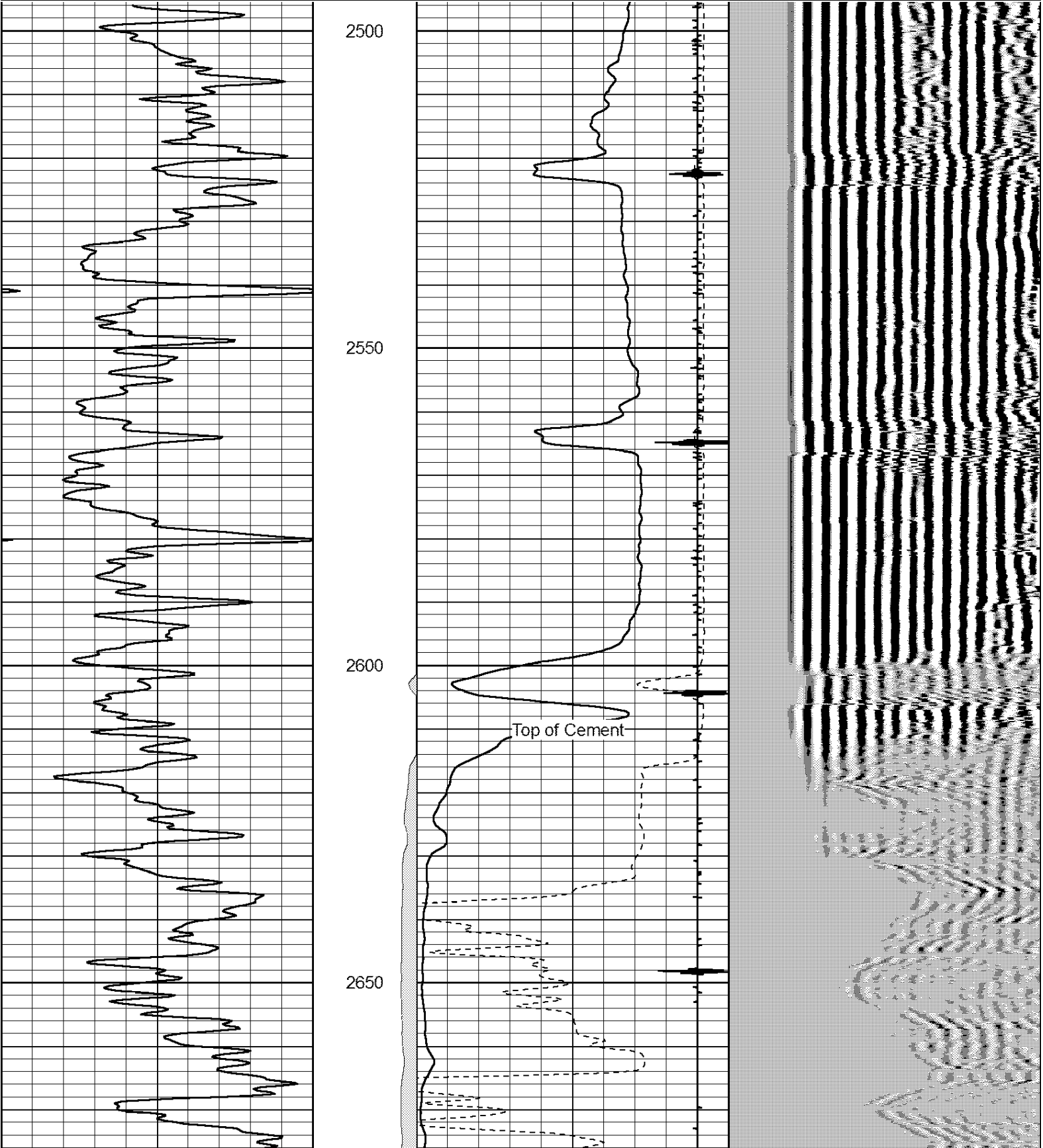
## Comments

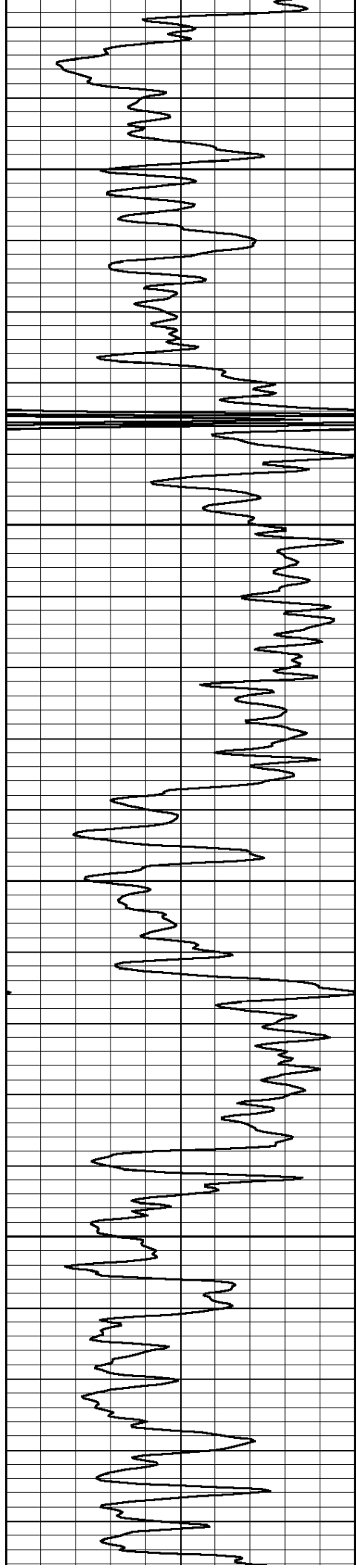
THANK YOU FOR USING  
PERF-TECH WIRELINE SERVICES, INC.  
785-628-3969

DIRECTIONS: HAYS, Ks.  
SOUTH to CHETOLA Rd,  
EAST to 260 Rd, NORTH into

Database File: sept122209a.db  
Dataset Pathname: pass3  
Presentation Format: 3x5  
Dataset Creation: Mon Sep 12 15:40:52 2022 by Log Std Casedhole 06040  
Charted by: Depth in Feet scaled 1:240

|   |                  |     |     |                       |     |     |                     |      |
|---|------------------|-----|-----|-----------------------|-----|-----|---------------------|------|
| 0 | Gamma Ray (GAPI) | 150 | 0   | 3' AMPLITUDE (mV)     | 100 | 200 | 5' Variable Density | 1100 |
|   |                  |     | 475 | 3' TRAVEL TIME (usec) | 235 |     |                     |      |
|   |                  |     | 9   | Collar Locator        | -1  |     |                     |      |



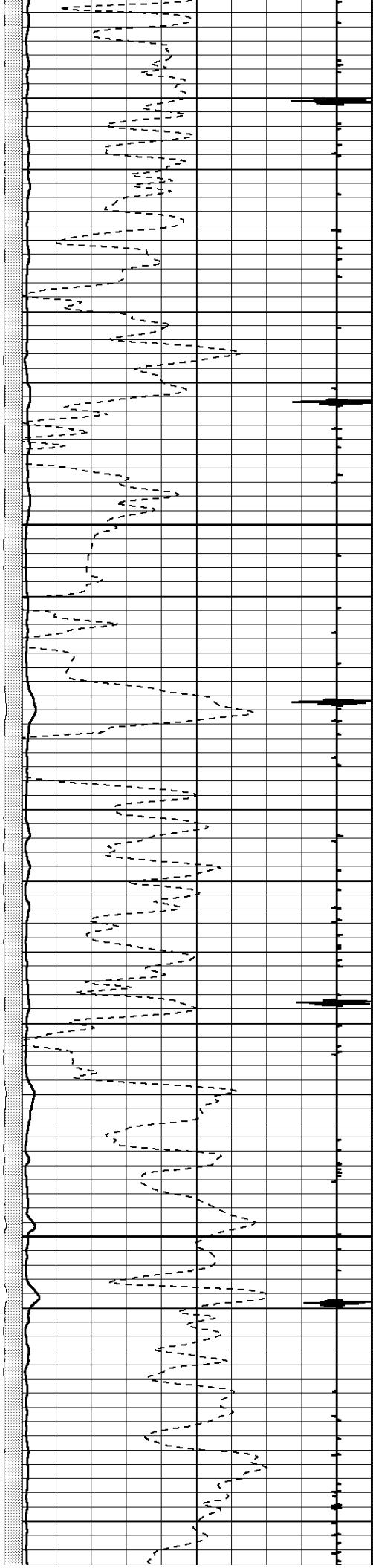


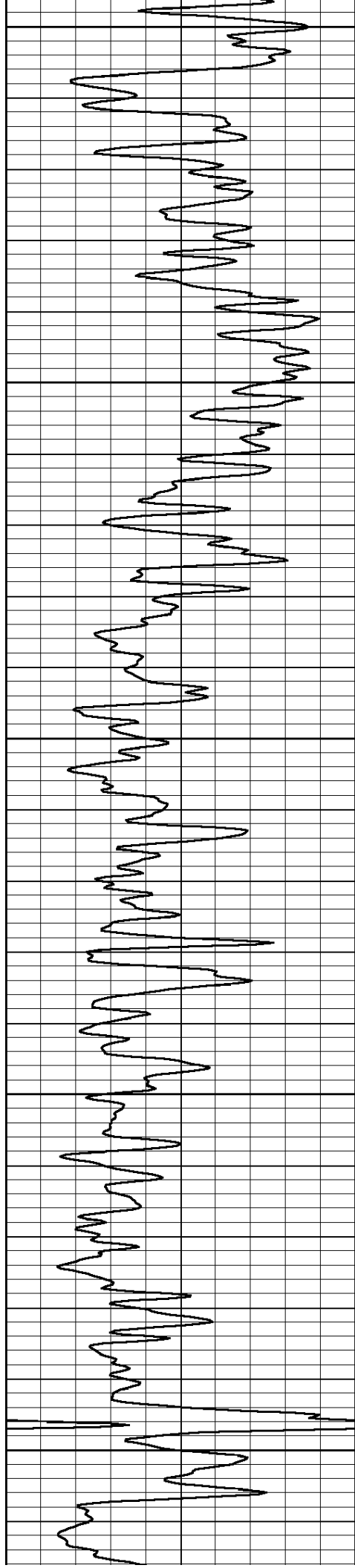
2700

2750

2800

2850





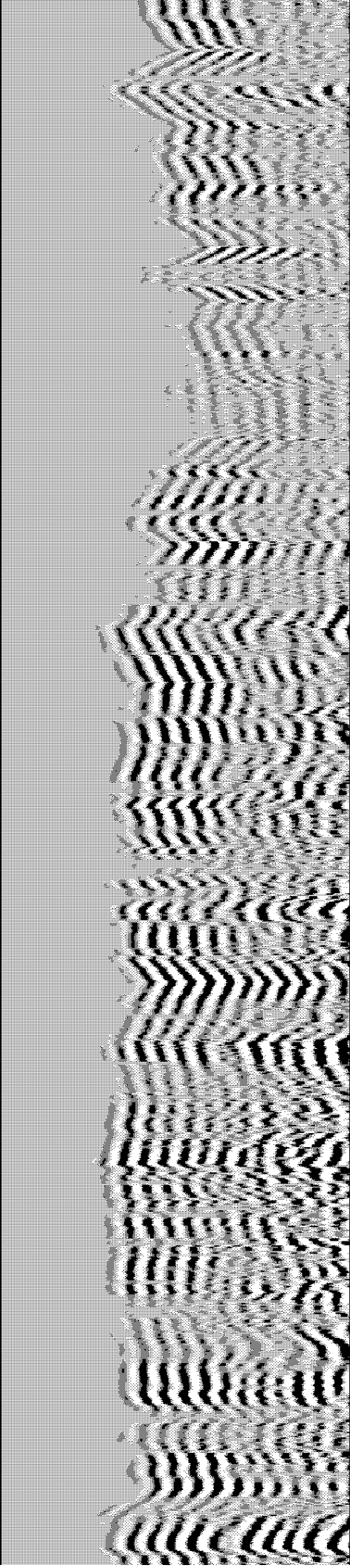
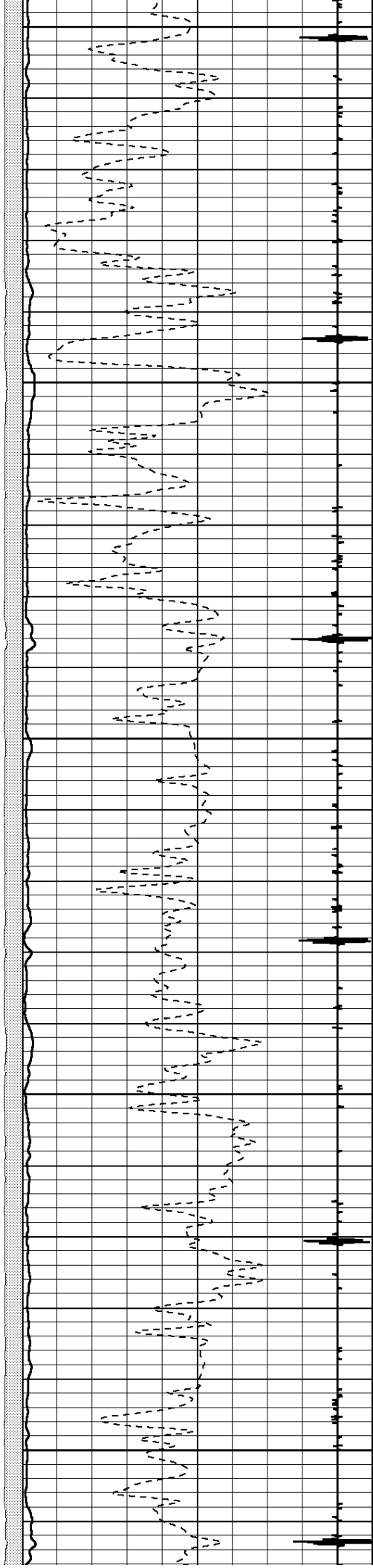
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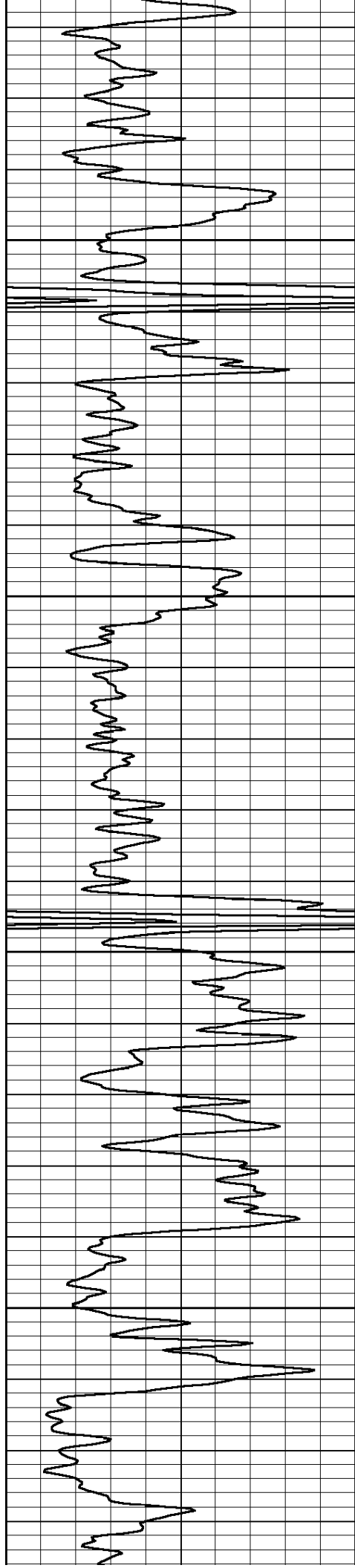
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3000

3050

3100



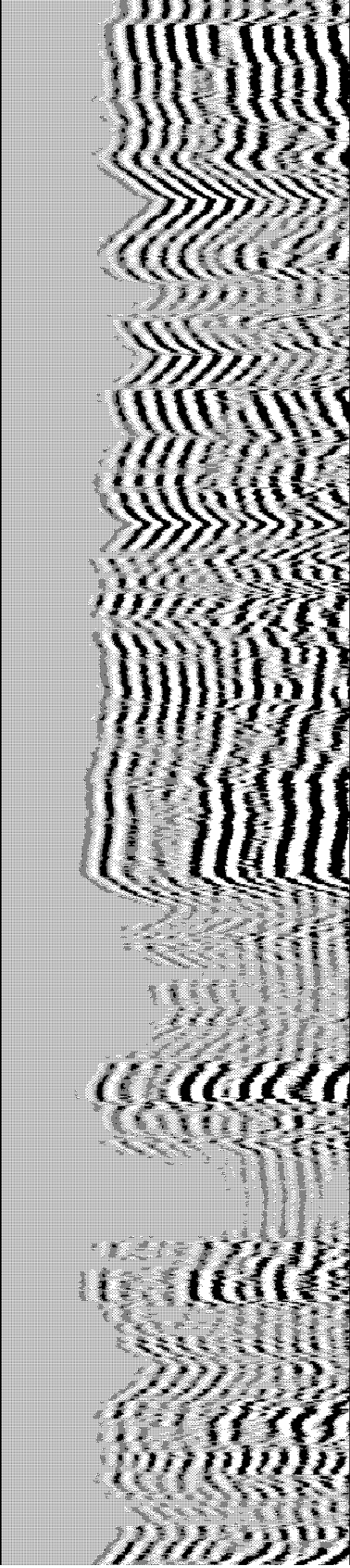
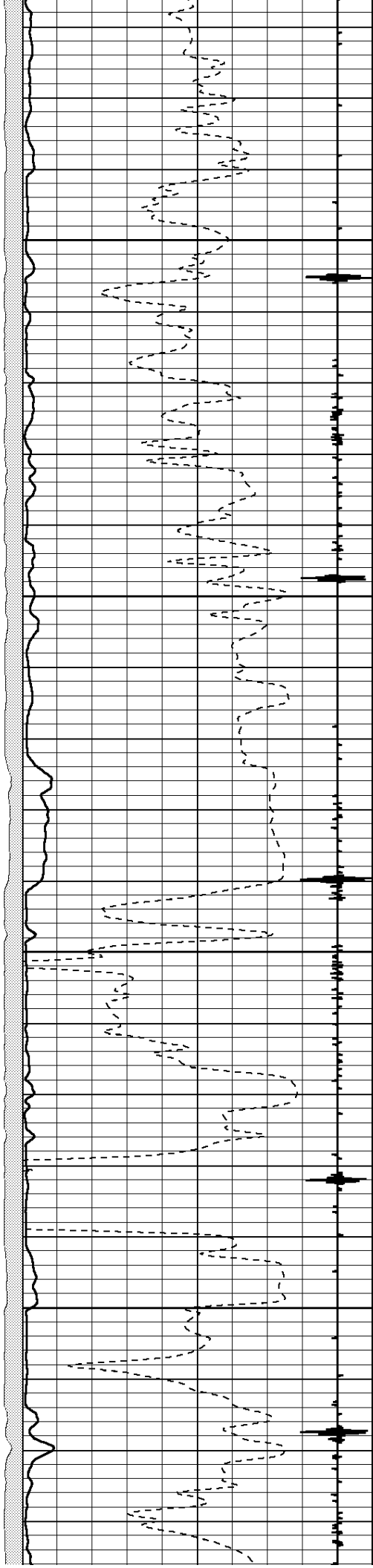


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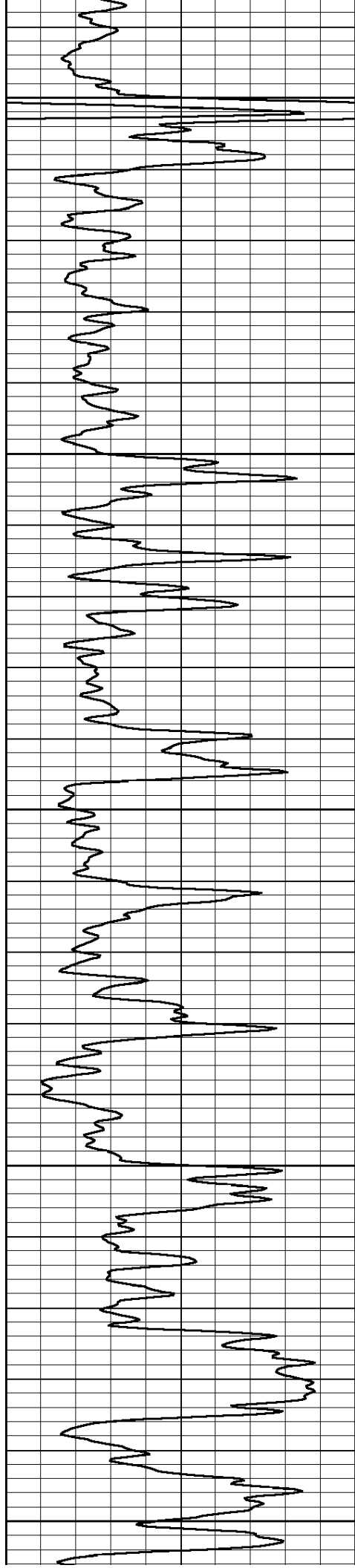
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3250

3300







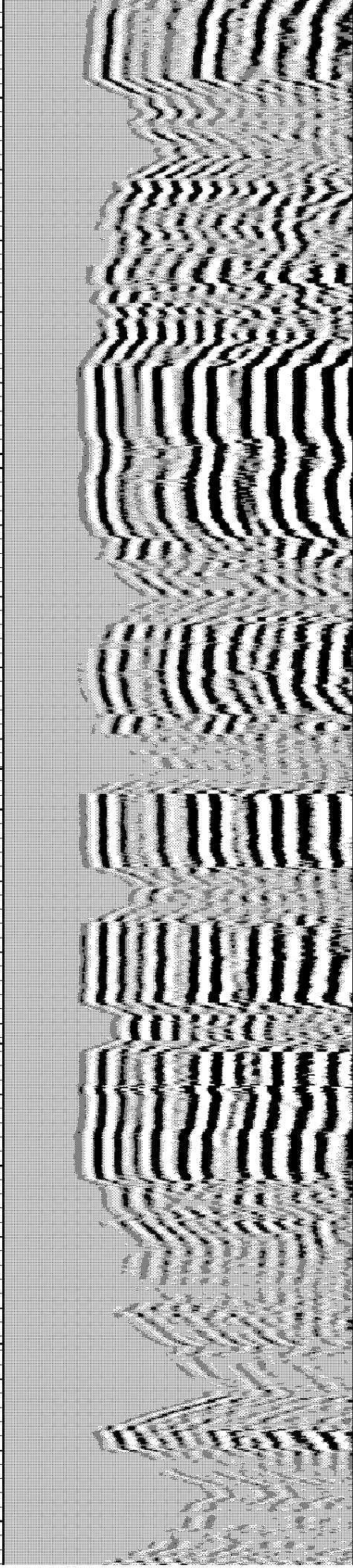
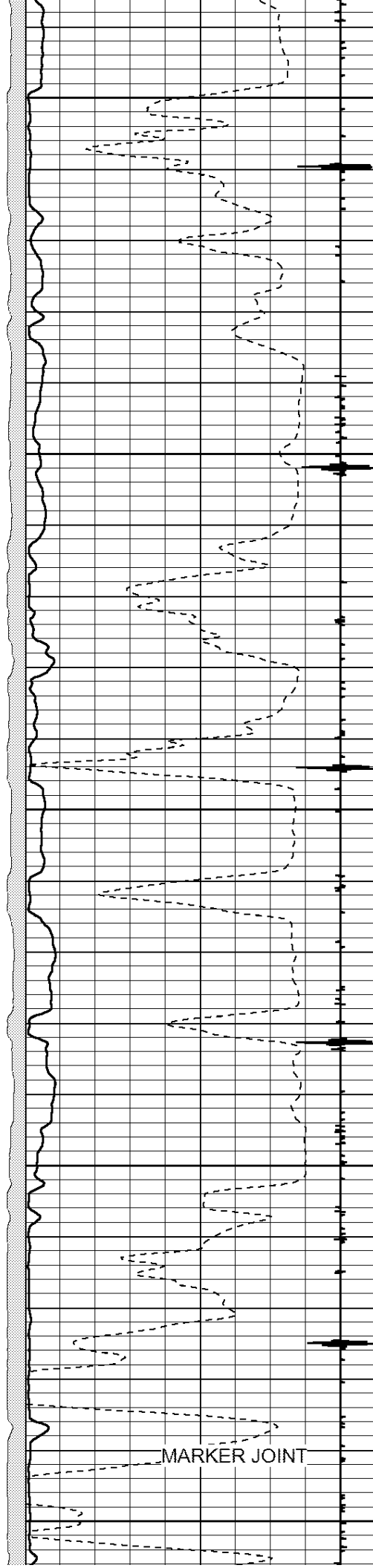
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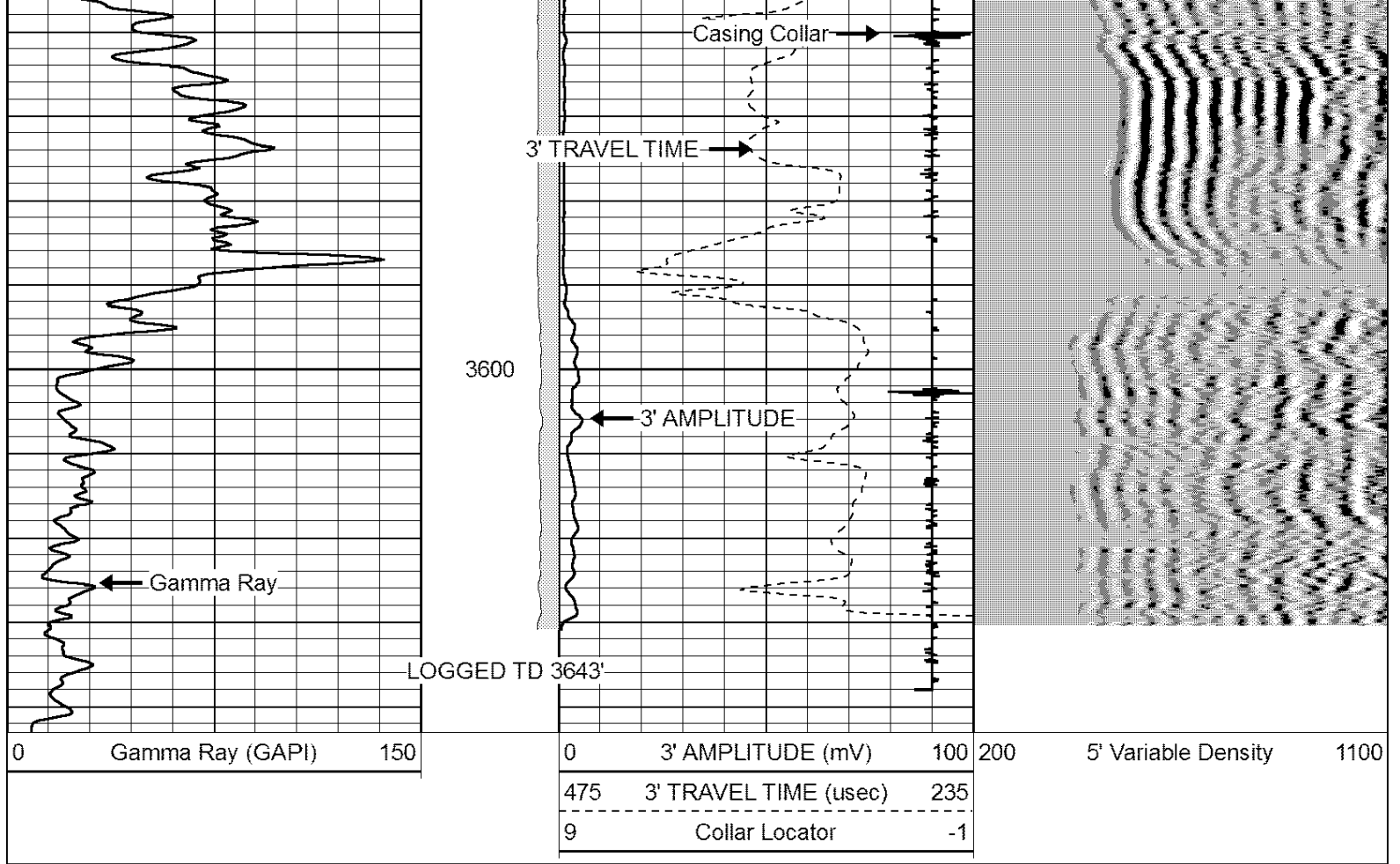
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3450

3500

3550

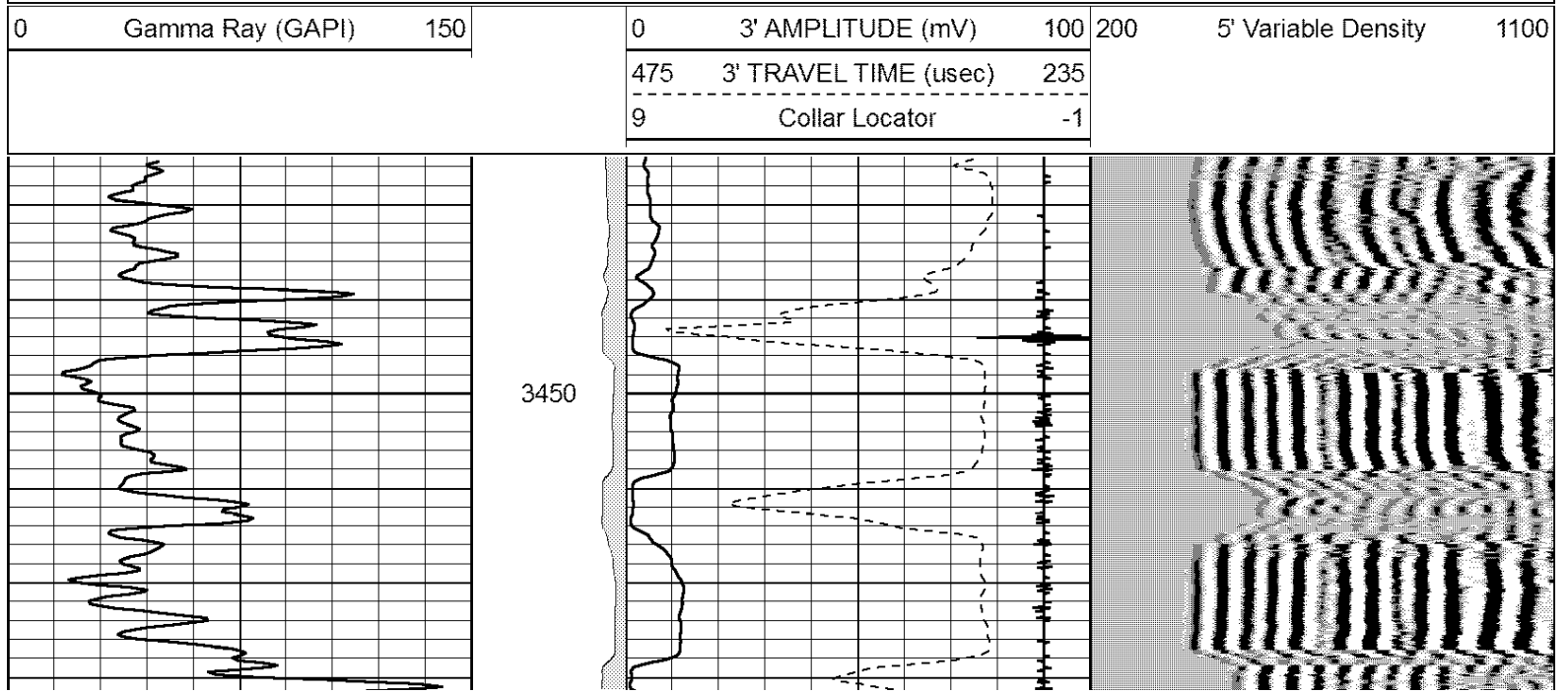


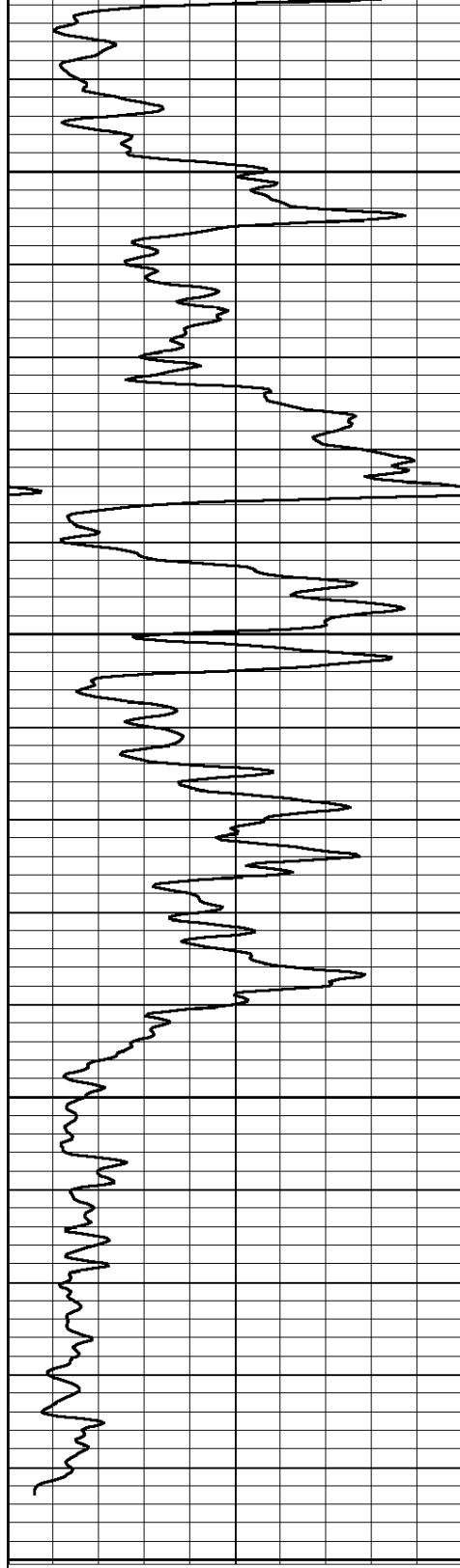


**Perf-Tech**  
Wireline Services, Inc.

# REPEAT SECTION

Database File: sept122209a.db  
Dataset Pathname: pass2  
Presentation Format: 3x5  
Dataset Creation: Mon Sep 12 15:34:53 2022 by Log Std Casedhole 06040  
Charted by: Depth in Feet scaled 1:240





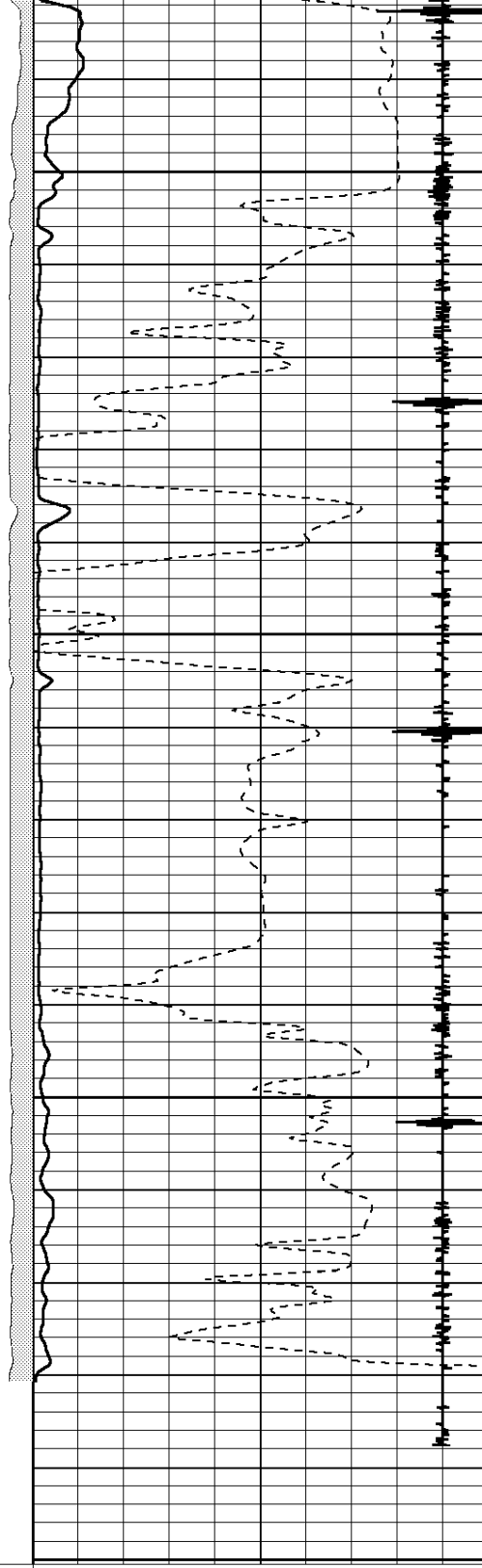
0      Gamma Ray (GAPI)      150

3500

3550

3600

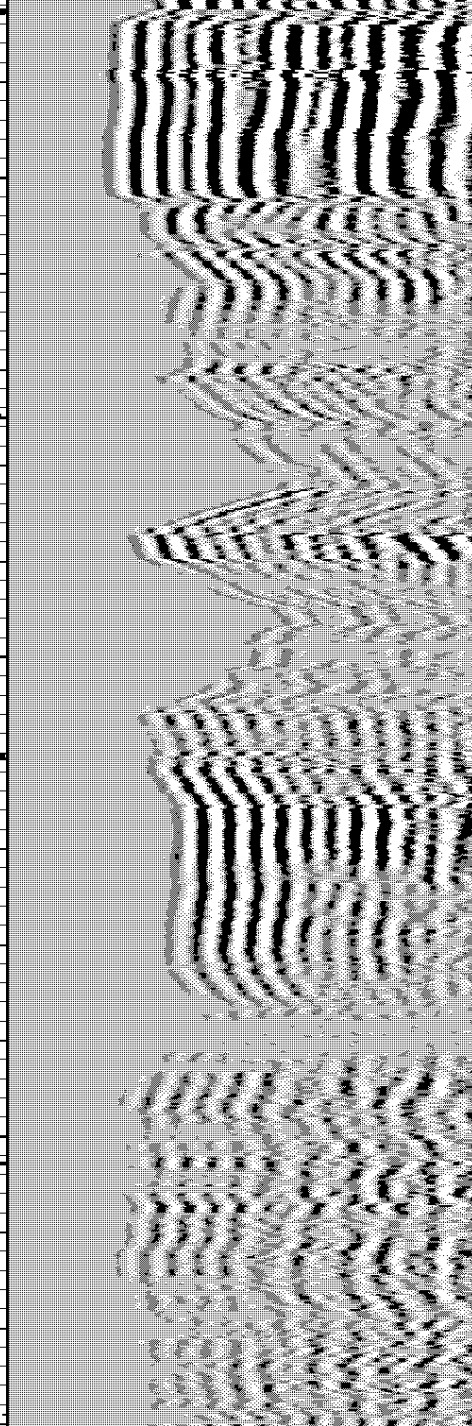
3650



0      3' AMPLITUDE (mV)      100

475      3' TRAVEL TIME (usec)      235

9      Collar Locator      -1



200      5' Variable Density      1100