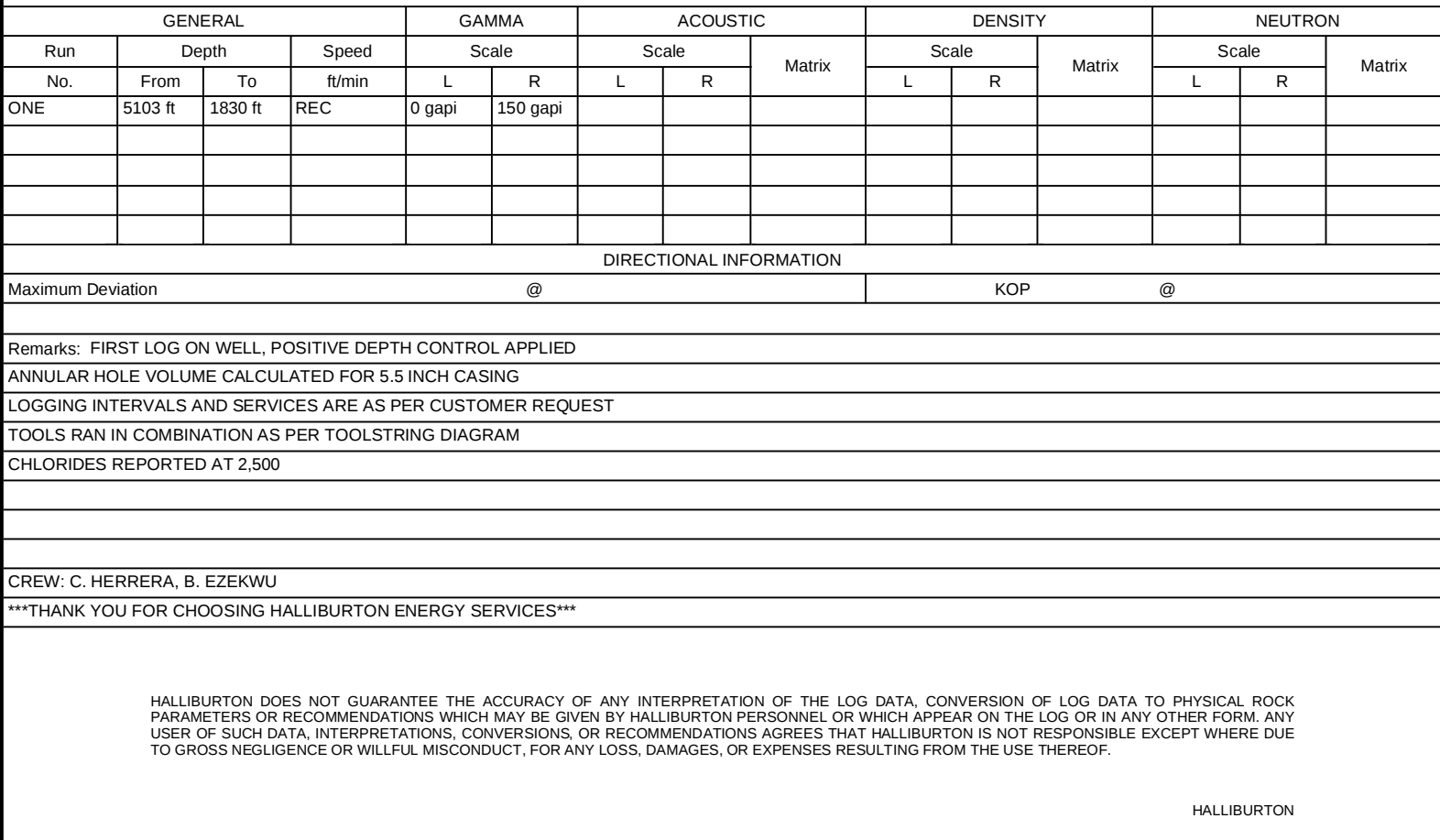
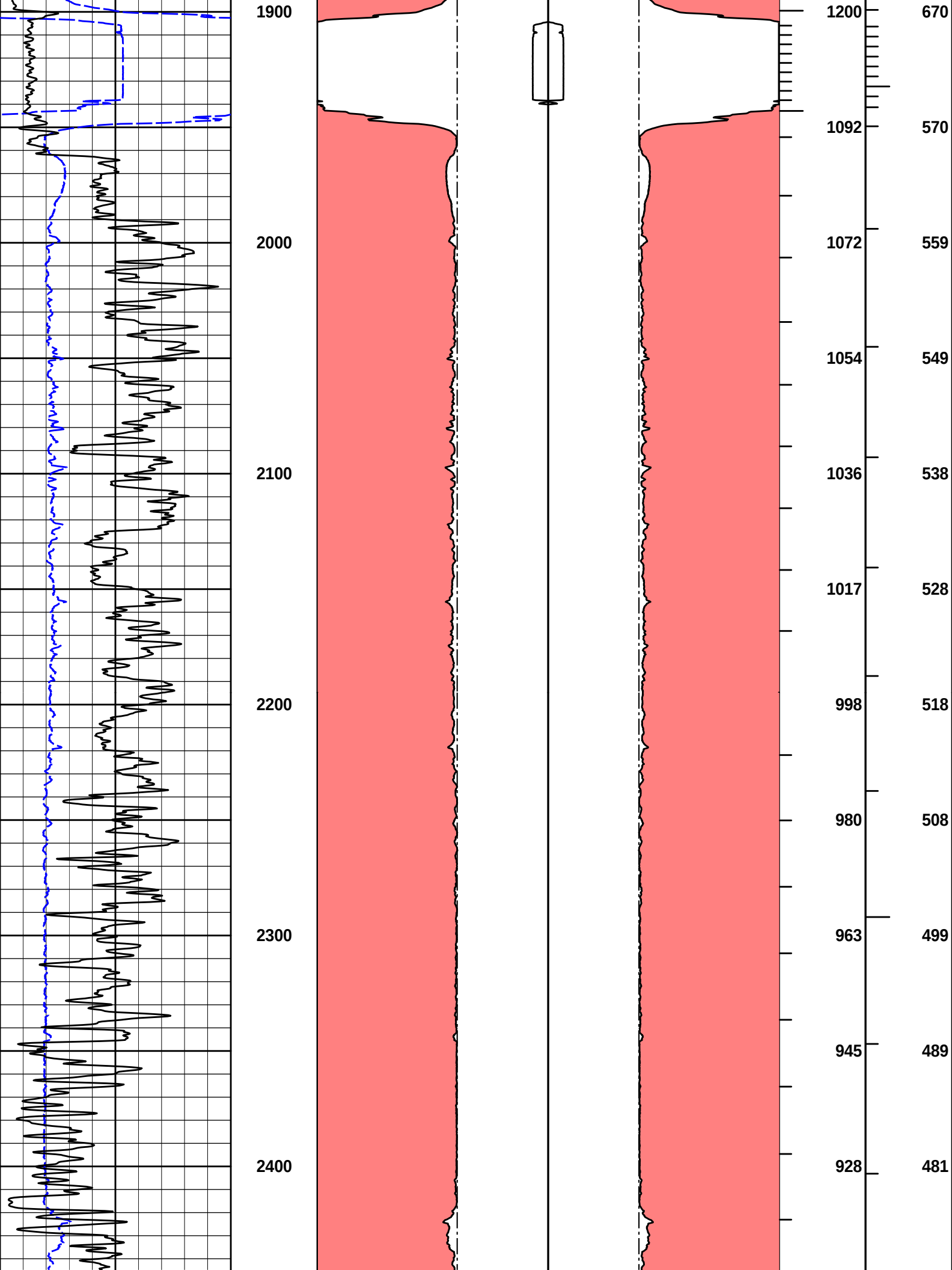


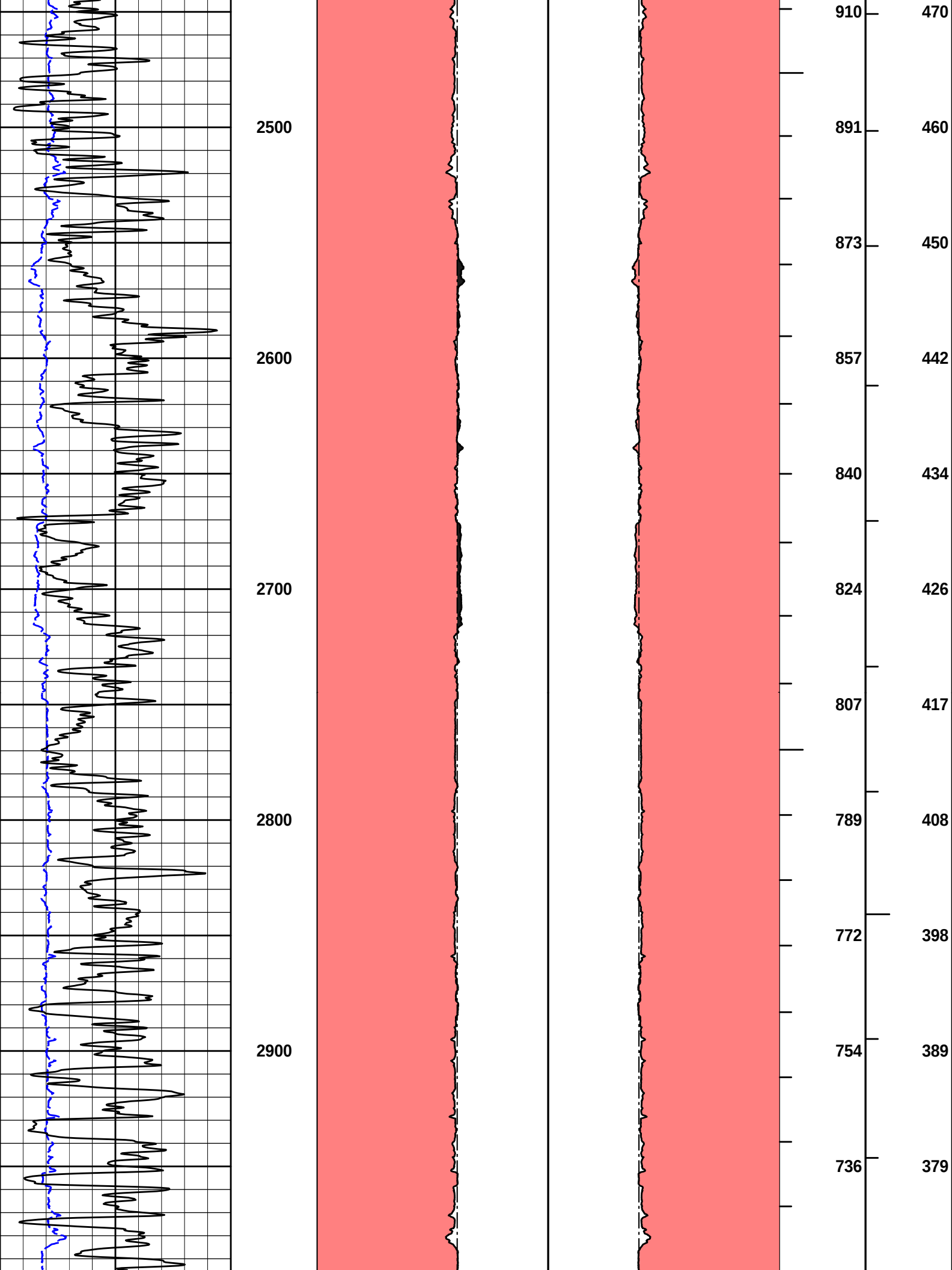
**ANNULAR HOLE VOLUME  
(5.5 INCH CASING)**

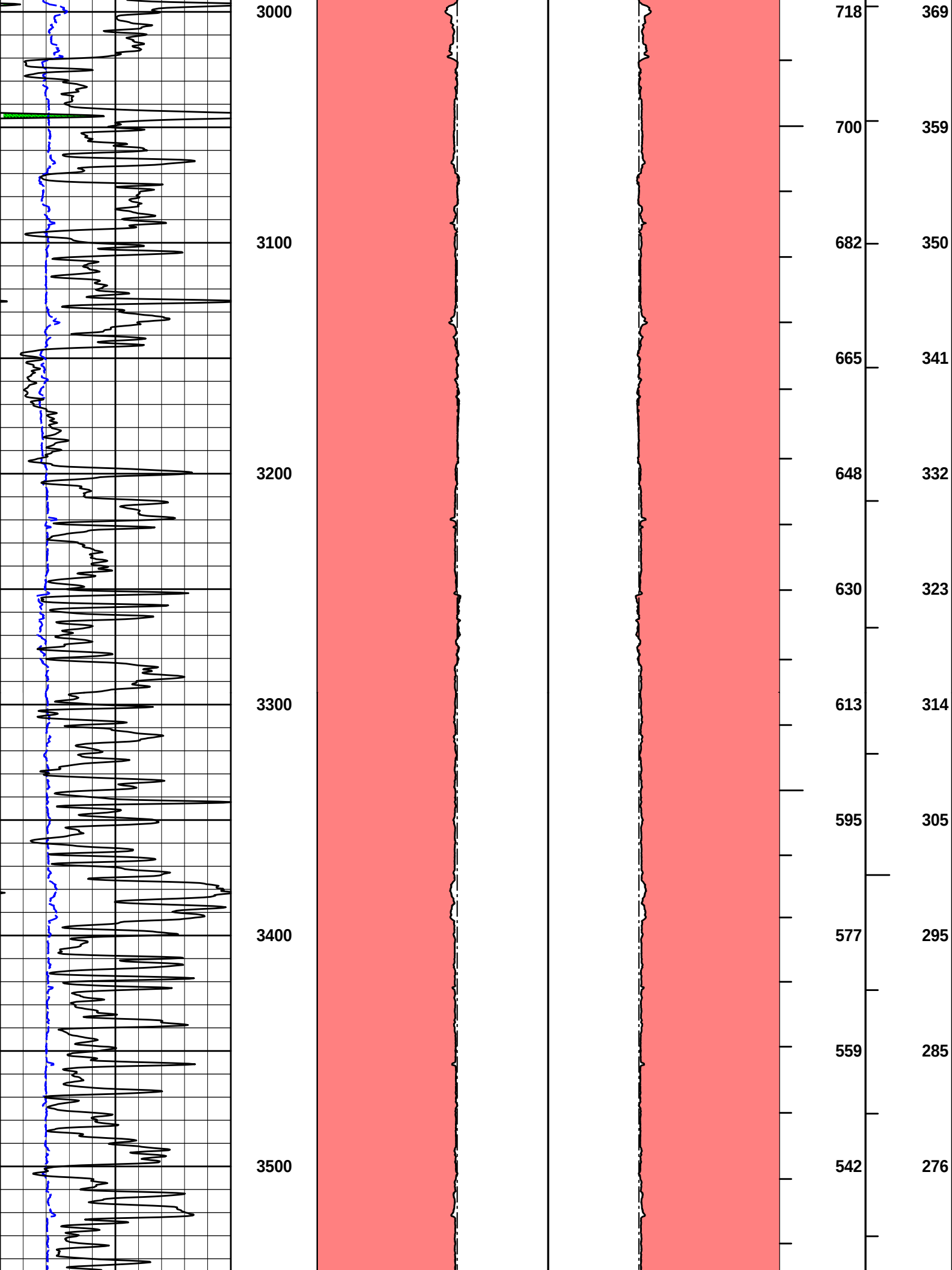
Fold here

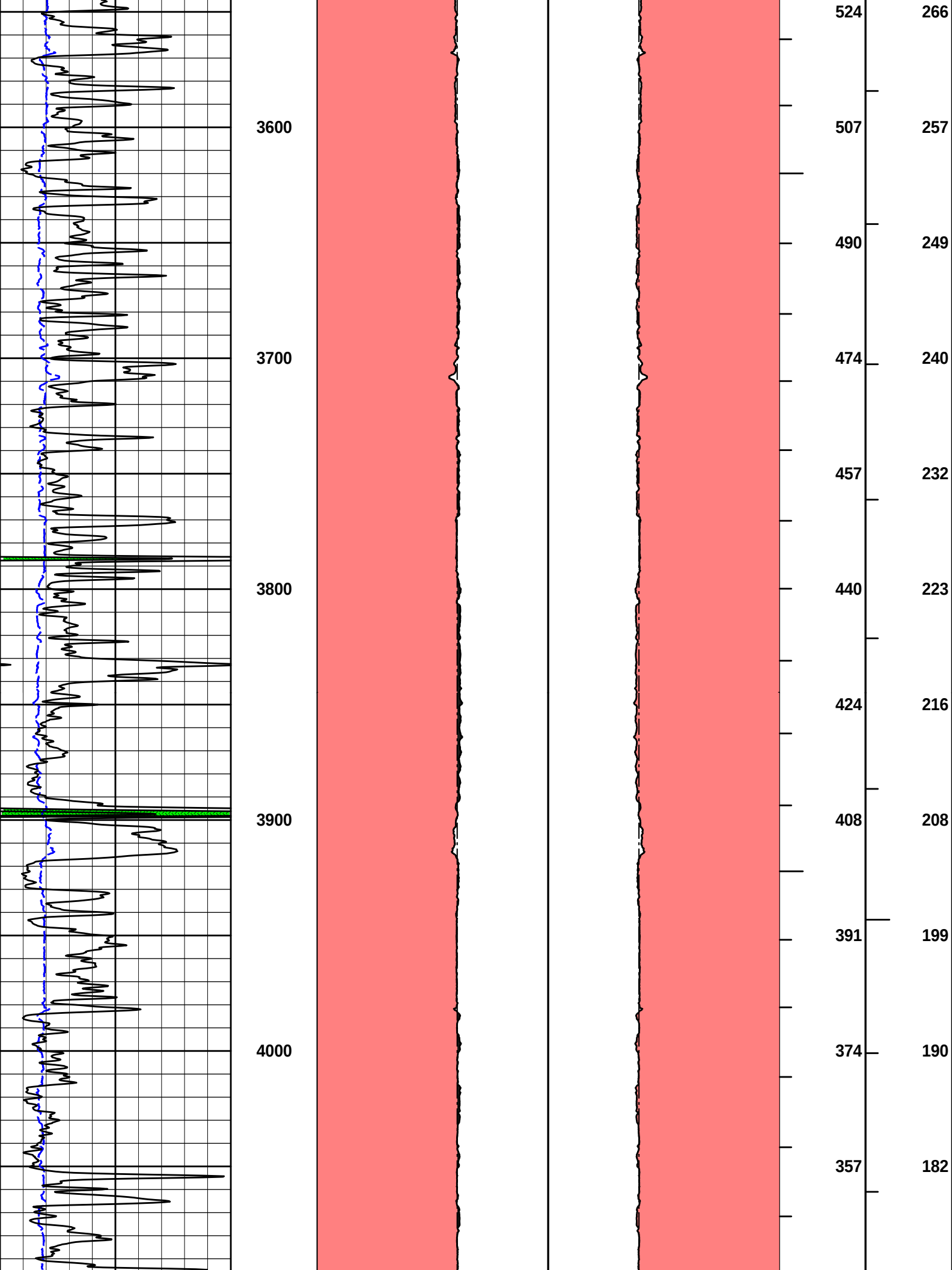
## LOGGING DATA

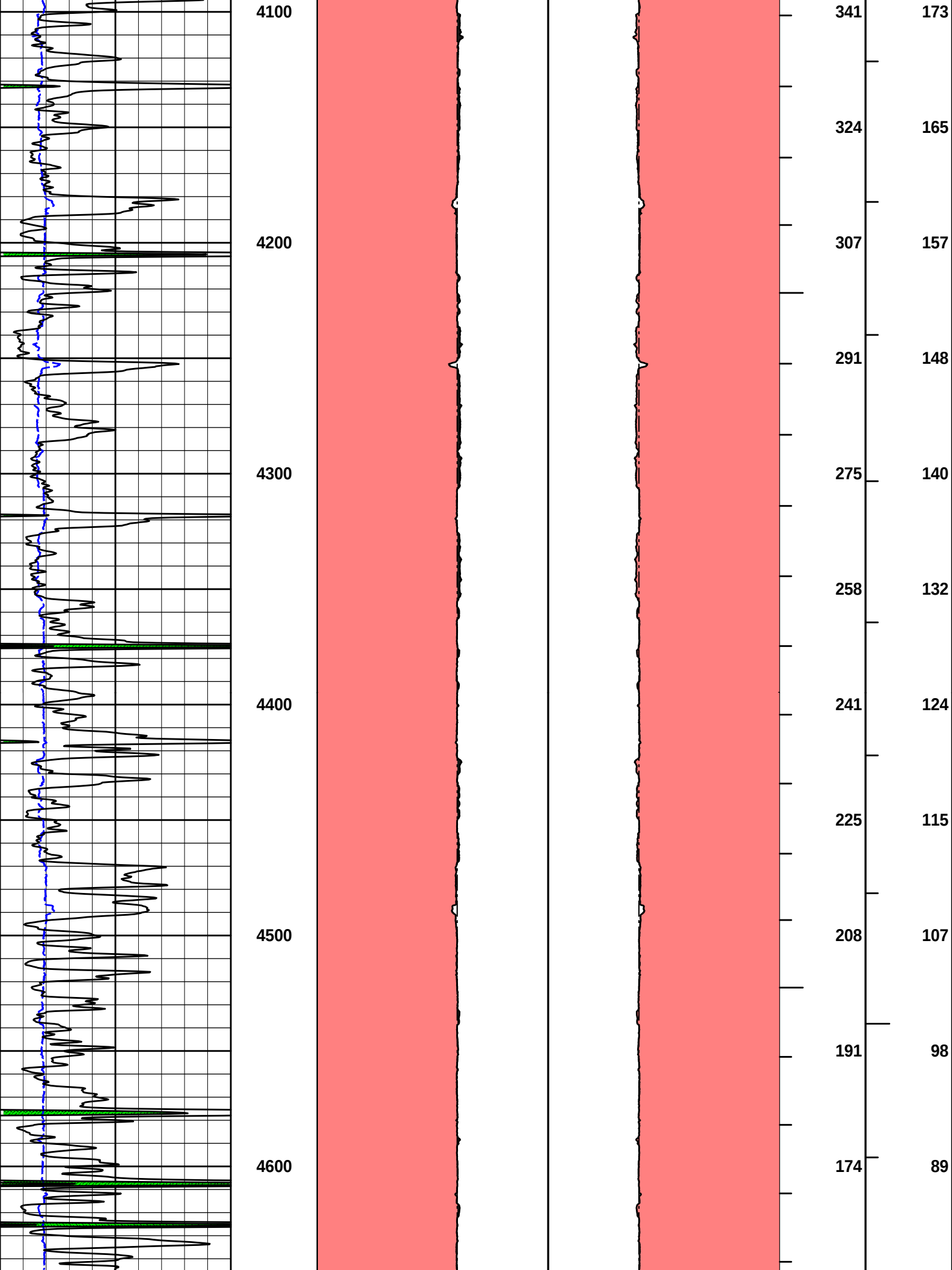


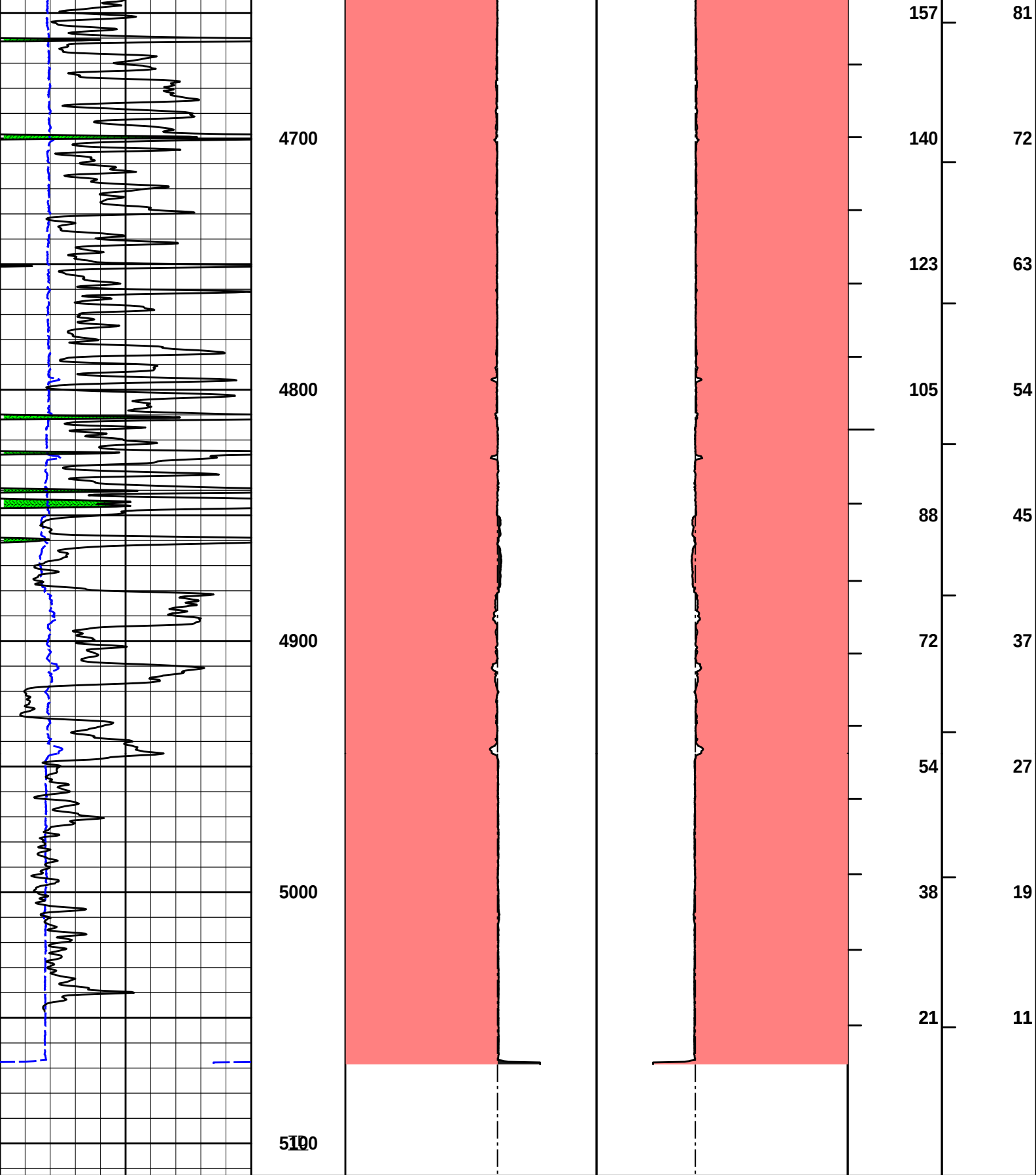












|   |           |     |         |    |          |     |         |      |      |
|---|-----------|-----|---------|----|----------|-----|---------|------|------|
| 6 | CALI      | 16  | 1 : 600 | 20 | CALI     | 0 0 | 20      | BHVT | AHVT |
|   | inches    |     | ft      |    | inches   |     |         |      |      |
| 0 | Gamma API | 150 |         | 20 | Bit Size | 0 0 | 20      |      |      |
|   | api       |     |         |    |          |     |         |      |      |
|   | SHALE     |     |         |    | MUDCAKE  |     | MUDCAKE |      |      |

ANNULAR HOLE VOLUME PLOT

ANNULAR HOLE VOLUME

|             |                           |                                          |        |
|-------------|---------------------------|------------------------------------------|--------|
| COMPANY     | MERIT ENERGY COMPANY, LLC |                                          |        |
| WELL        | McWILLIAMS E-11           |                                          |        |
| FIELD       | COWGILL                   |                                          |        |
| COUNTY      | FINNEY                    | STATE                                    | KANSAS |
| HALLIBURTON |                           | ANNULAR HOLE VOLUME<br>(5.5 INCH CASING) |        |