



## MICRO LOG

Company SHAKESPEARE OIL COMPANY INC.  
Well YORK #3-2  
Field TRI - COUNTY  
County SCOTT State KANSAS

Location: API #: 15-171-21305-0000  
702' FSL & 624' FEL  
SW - NE - SE - SE

Other Services  
CDL/CNL/PE  
DIL

SEC 2 TWP 16S RGE 31W

Permanent Datum GROUND LEVEL Elevation 2858  
Log Measured From KELLY BUSHING 10' A.G.L.  
Drilling Measured From KELLY BUSHING

Elevation  
K.B. 2868  
D.F. 2866  
G.L. 2858

Date 12/5/22

Run Number TWO

Depth Driller 4610

Depth Logger 4608

Bottom Logged Interval 4606

Top Log Interval 3700

Casing Driller 8 5/8" @ 226'

Casing Logger 226

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.4/43

pH / Fluid Loss 10.0/7.2

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.60 @ 58F

Rmf @ Meas. Temp 1.20 @ 58F

Rmc @ Meas. Temp 1.92 @ 58F

Source of Rmf / Rmc MEASURED

Rm @ BHT .761 @ 122F

Time Circulation Stopped 4 HOURS

Time Logger on Bottom 7:30 P.M.

Maximum Recorded Temperature 122F

Equipment Number 8916

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By VERN SCHRAG

<<< 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

THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395  
DIRECTIONS:

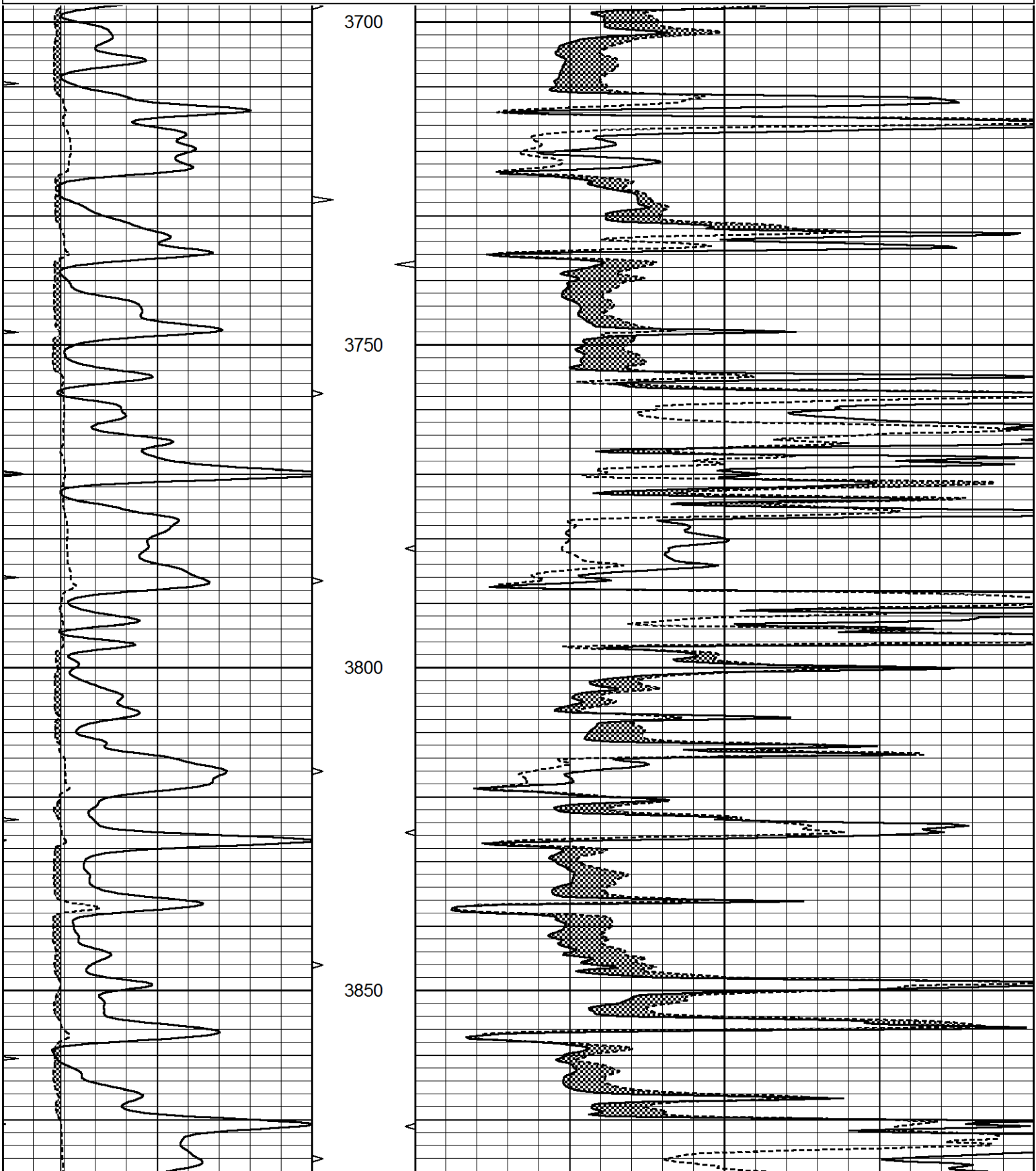
HEALY, KS., 2W. ON HWY 4 TO "BISON RD.", 3 1/2N. TO CURVE, 2 W. TO "BISON 2 RD.", N. TO "RD. 280", W. TO FARM, N. TO "RD. 290", 1 1/2 W. PAST TANK BATTERY, N. INTO

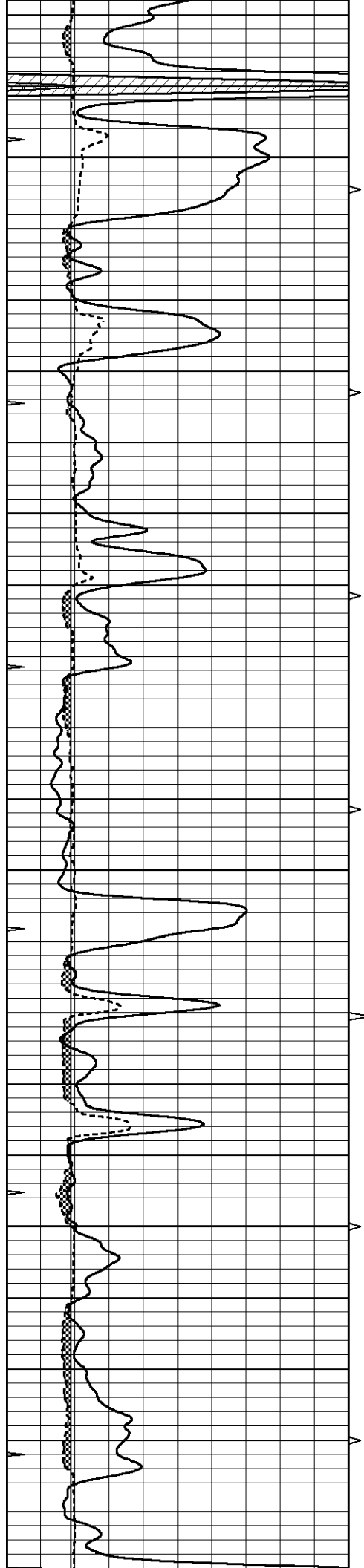


## MAIN SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 6811pe.db                  |
| Dataset Pathname    | pass6.2                    |
| Presentation Format | _micro                     |
| Dataset Creation    | Mon Dec 05 20:46:26 2022   |
| Charted by          | Depth in Feet scaled 1:240 |

|   |                  |     |          |    |                |    |
|---|------------------|-----|----------|----|----------------|----|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV     | 0  | MEL1.5 (Ohm-m) | 40 |
| 6 | CALIPER (in)     | 16  | 10 (ft3) | 0  | MEL2.0 (Ohm-m) | 40 |
| 0 | MINMK            | 20  | TBHV     |    |                |    |
|   |                  |     | 0 (ft3)  | 10 |                |    |



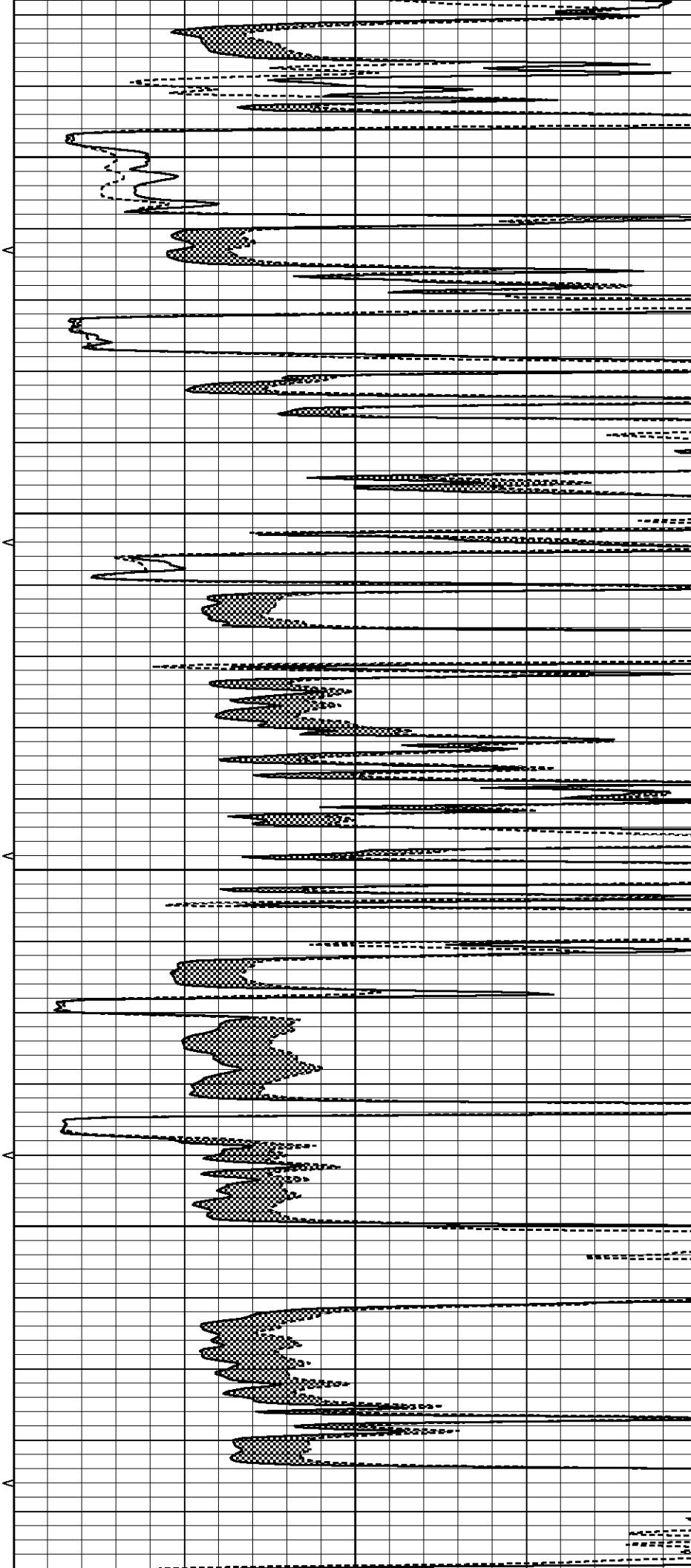


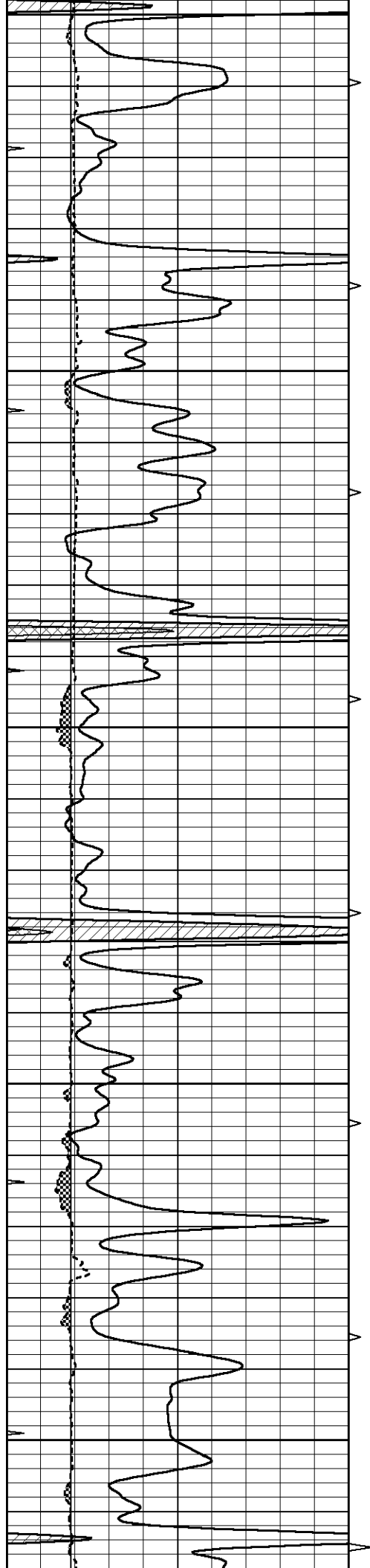
3900

3950

4000

4050





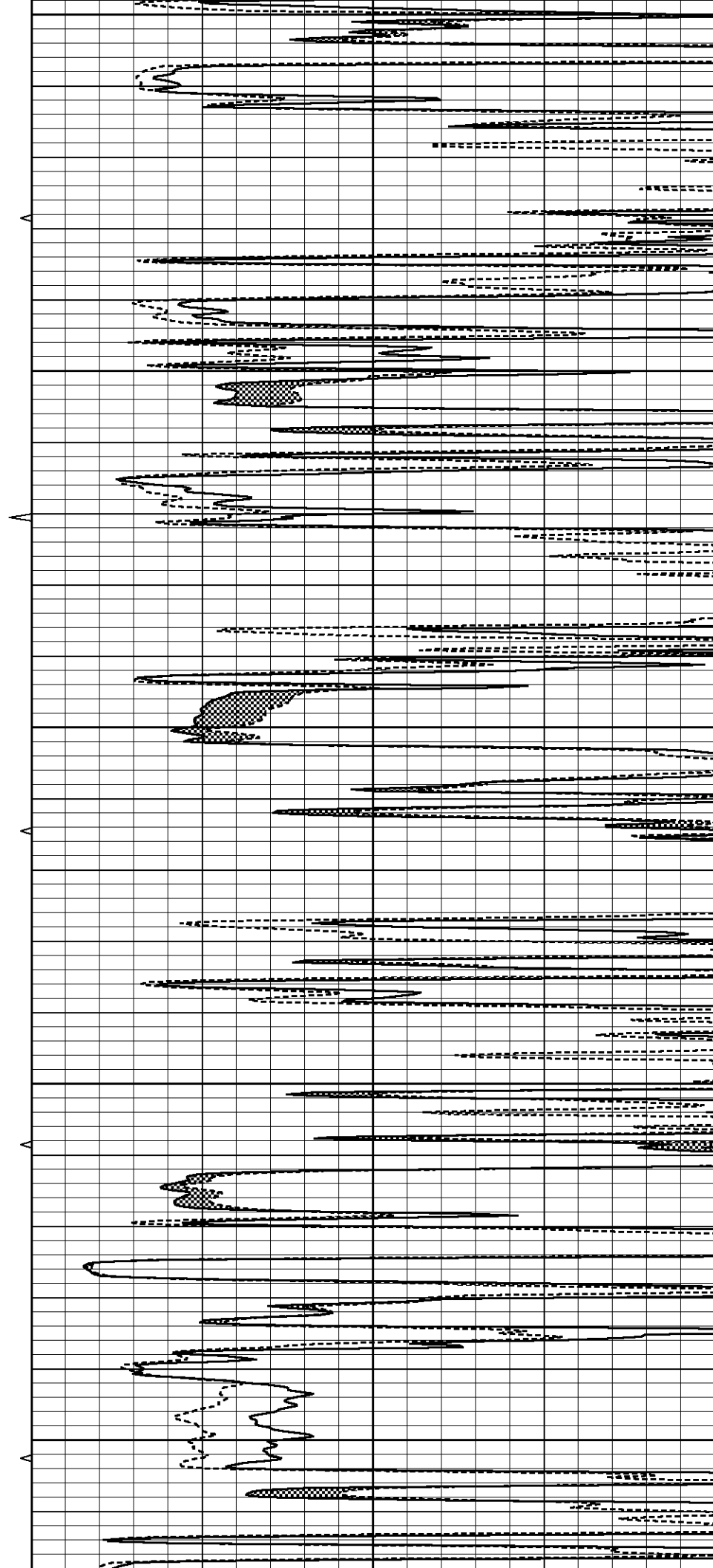
4100

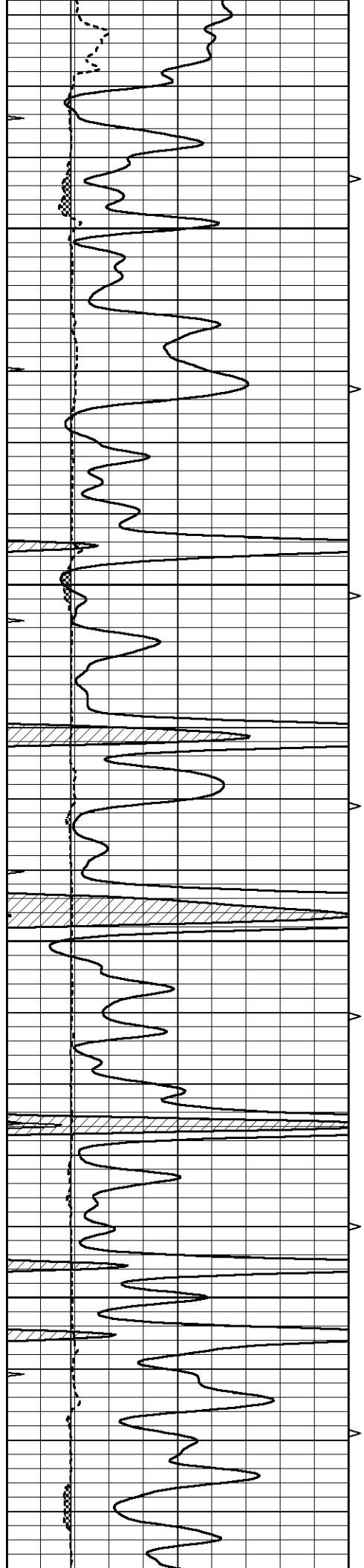
4150

4200

4250

4300



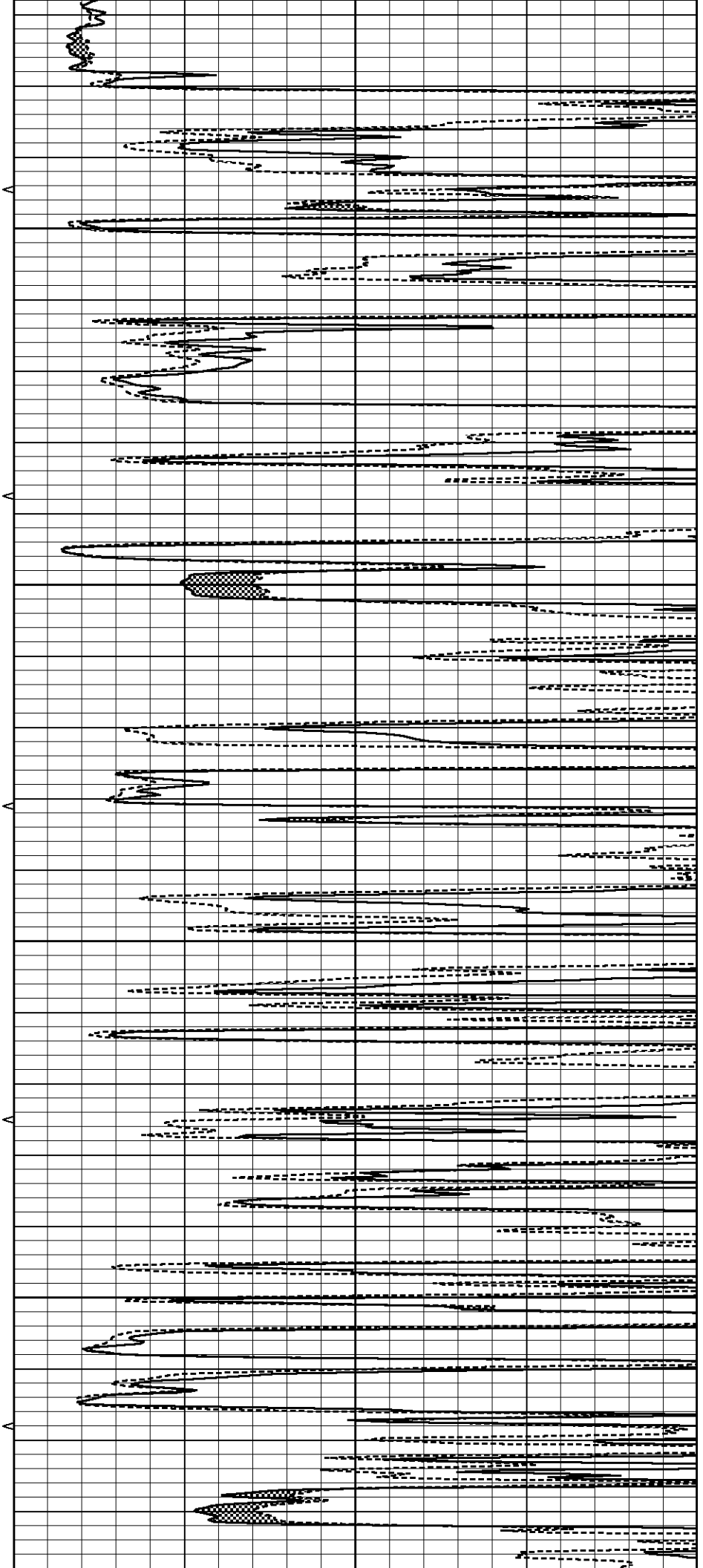


4350

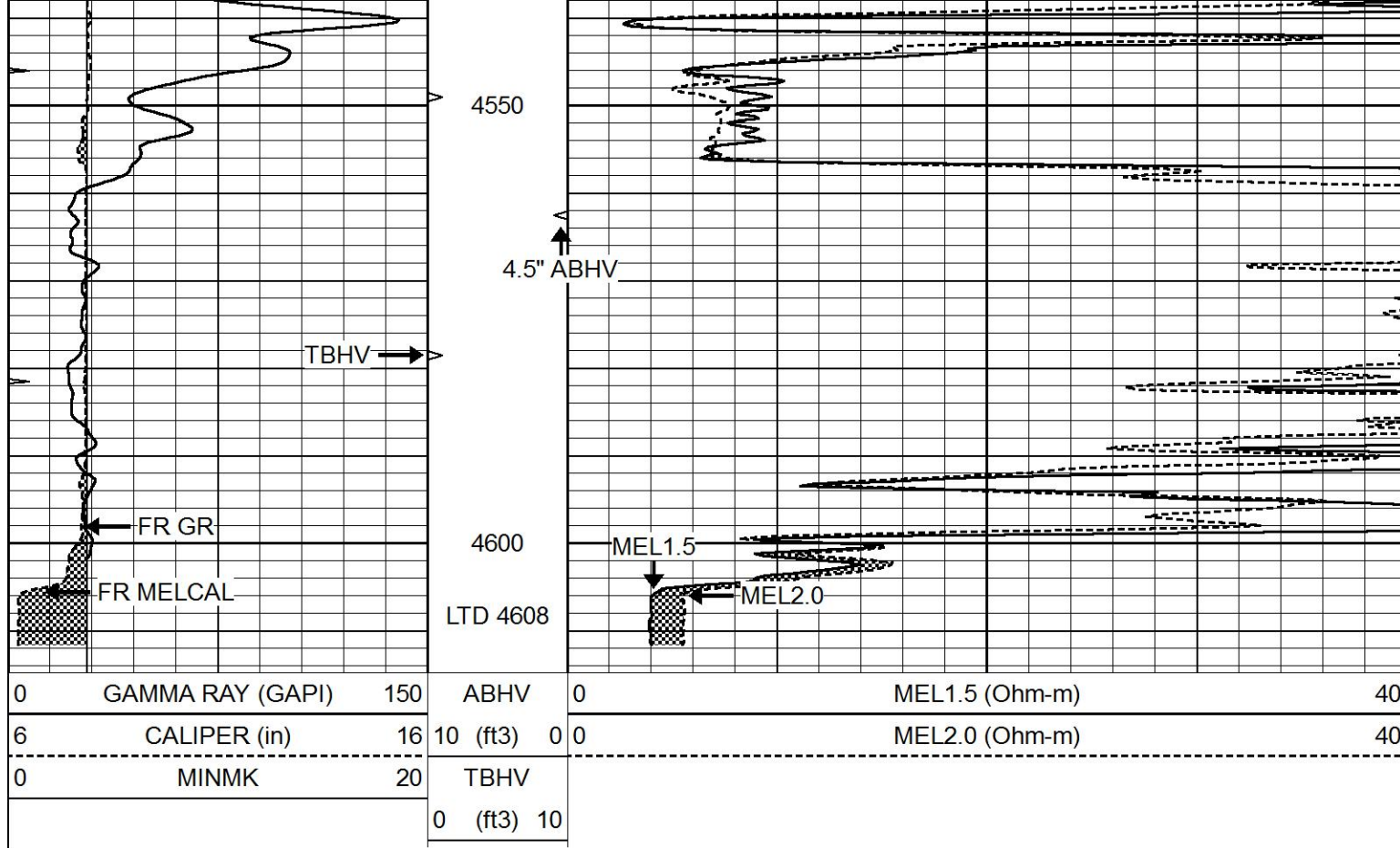
4400

4450

4500



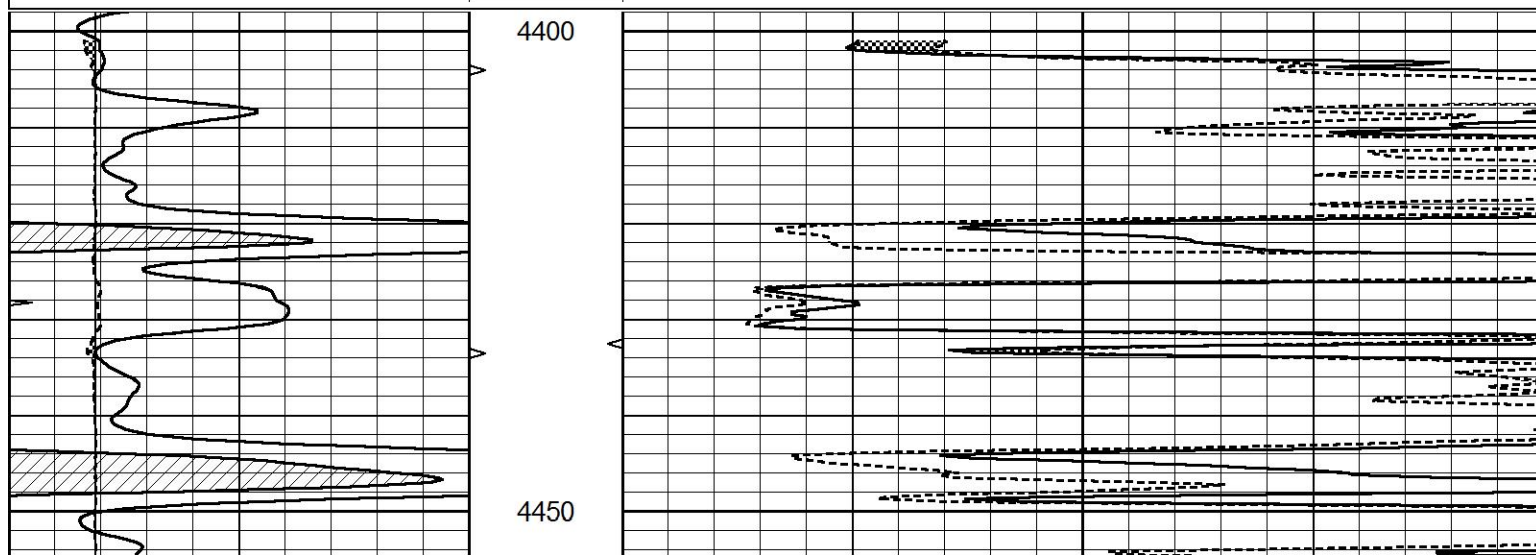


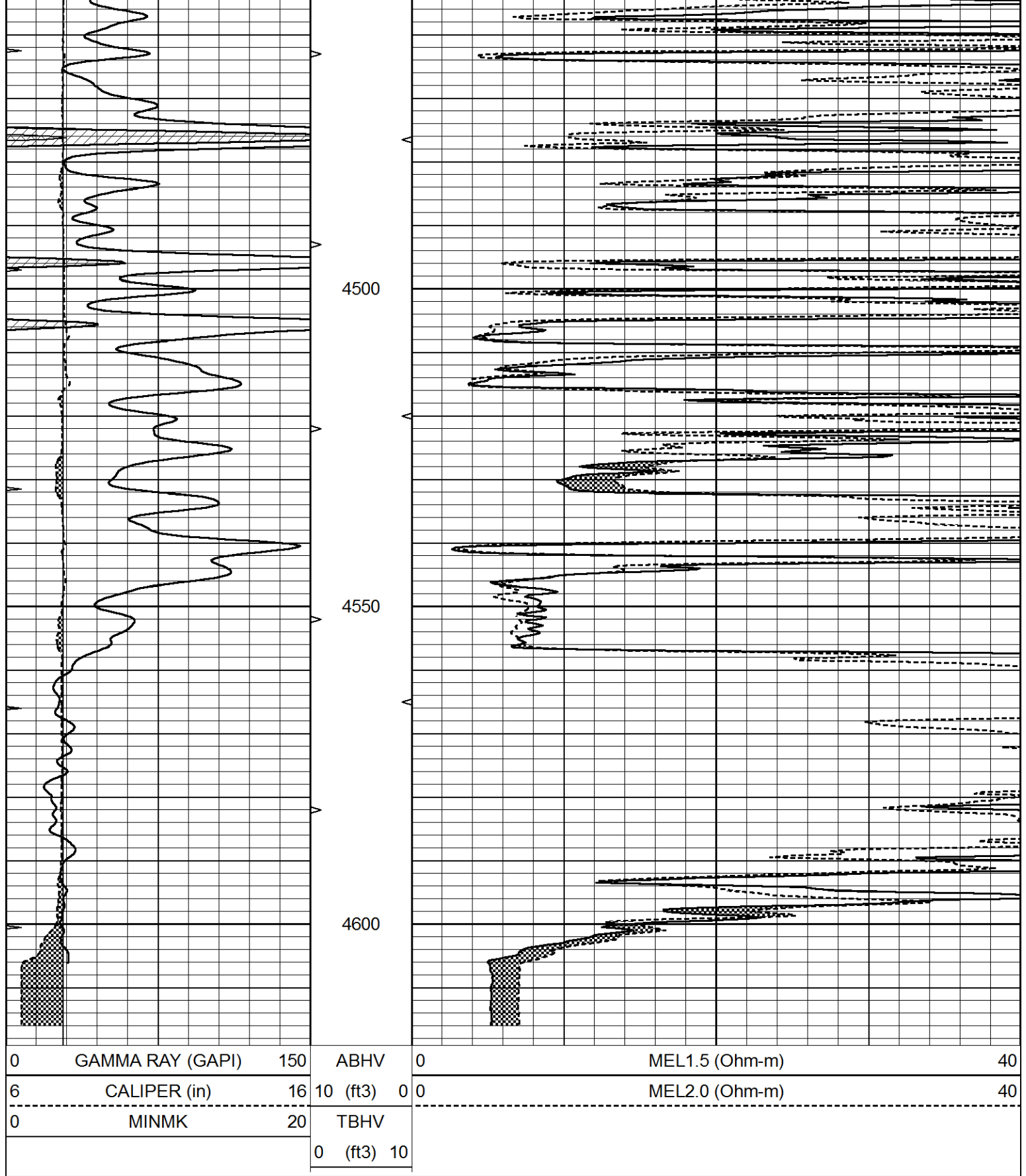


# REPEAT SECTION

Database File 6811pe.db  
 Dataset Pathname pass5.1  
 Presentation Format \_micro  
 Dataset Creation Mon Dec 05 20:48:20 2022  
 Charted by Depth in Feet scaled 1:240

|   |                  |     |            |   |                |    |
|---|------------------|-----|------------|---|----------------|----|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV       | 0 | MEL1.5 (Ohm-m) | 40 |
| 6 | CALIPER (in)     | 16  | 10 (ft3) 0 | 0 | MEL2.0 (Ohm-m) | 40 |
| 0 | MINMK            | 20  | TBHV       |   |                |    |
|   |                  |     | 0 (ft3) 10 |   |                |    |





### Calibration Report

Database File 6811pe.db  
 Dataset Pathname pass6.2  
 Dataset Creation Mon Dec 05 20:46:26 2022

### MICRO Calibration Report

Serial Number:  
 Tool Model:

MICRO6  
 PROBE

|                              |                                   |                    |
|------------------------------|-----------------------------------|--------------------|
| Tool Model:<br>Performed:    | PROBE<br>Sun Dec 04 02:05:56 2022 |                    |
| Caliper Calibration:         | Gain=-2.735                       | Offset=18.612      |
| References                   | Low Cal<br>8.000                  | High Cal<br>16.000 |
| Readings                     | 3.880                             | 0.955              |
| 1.5" Calibration:            | Gain=40.000                       | Offset=0.000       |
| References                   | Low Cal<br>0.000                  | High Cal<br>20.000 |
| Readings                     | 0.002                             | 0.624              |
| 2" Calibration:              | Gain=50.000                       | Offset=0.000       |
| References                   | Low Cal<br>0.000                  | High Cal<br>20.000 |
| Readings                     | 0.006                             | 0.468              |
| Gamma Ray Calibration Report |                                   |                    |
| Serial Number:               | GR5                               |                    |
| Tool Model:                  | OPEN                              |                    |
| Performed:                   | Fri Dec 02 09:58:24 2022          |                    |
| Calibrator Value:            | 1.0                               | GAPI               |
| Background Reading:          | 0.0                               | cps                |
| Calibrator Reading:          | 1.0                               | cps                |
| Sensitivity:                 | 0.5600                            | GAPI/cps           |