# MICRO LOG

Company DEUTSCH OIL COMPANY
Well HOEME TRUST #5-17
Field IUKA - CARMI
County PRATT State KANSAS

Location: API # : 15-151-22558-0000
660' FNL & 990' FWL
E/2 - NW - NW
SEC 17 TWP 27S RGE 12W

Other Services
CDL/CNL/PE
DIL/FF

Elevation
K.B. 1866
D.F. 1864
G.L. 1858

Permanent Datum GROUND LEVEL Elevation 1858
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

| | | | |
|---|---|---|---|
| Date | 12/2/22 | | |
| Run Number | TWO | | |
| Depth Driller | 4470 | | |
| Depth Logger | 4468 | | |
| Bottom Logged Interval | 4452 | | |
| Top Log Interval | 3300 | | |
| Casing Driller | 10 3/4"@242' | | |
| Casing Logger | 242 | | |
| Bit Size | 7 7/8" | | |
| Type Fluid in Hole | CHEMICAL MUD | CHLORIDES: 8,000 PPM | |
| Density / Viscosity | 9.4/52 | | |
| pH / Fluid Loss | 10.5/8.8 | | |
| Source of Sample | FLOWLINE | | |
| Rm @ Meas. Temp | .950@53F | | |
| Rmf @ Meas. Temp | .713@53F | | |
| Rmc @ Meas. Temp | 1.14@53F | | |
| Source of Rmf / Rmc | MEASURED | | |
| Rm @ BHT | .420@120F | | |
| Time Circulation Stopped | 4 HOURS | | |
| Time Logger on Bottom | 9:00 A.M. | | |
| Maximum Recorded Temperature | 120F | | |
| Equipment Number | 8916 | | |
| Location | HAYS, KANSAS | | |
| Recorded By | JEFF LUEBBERS | | |
| Witnessed By | AARON YOUNG | | |

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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.

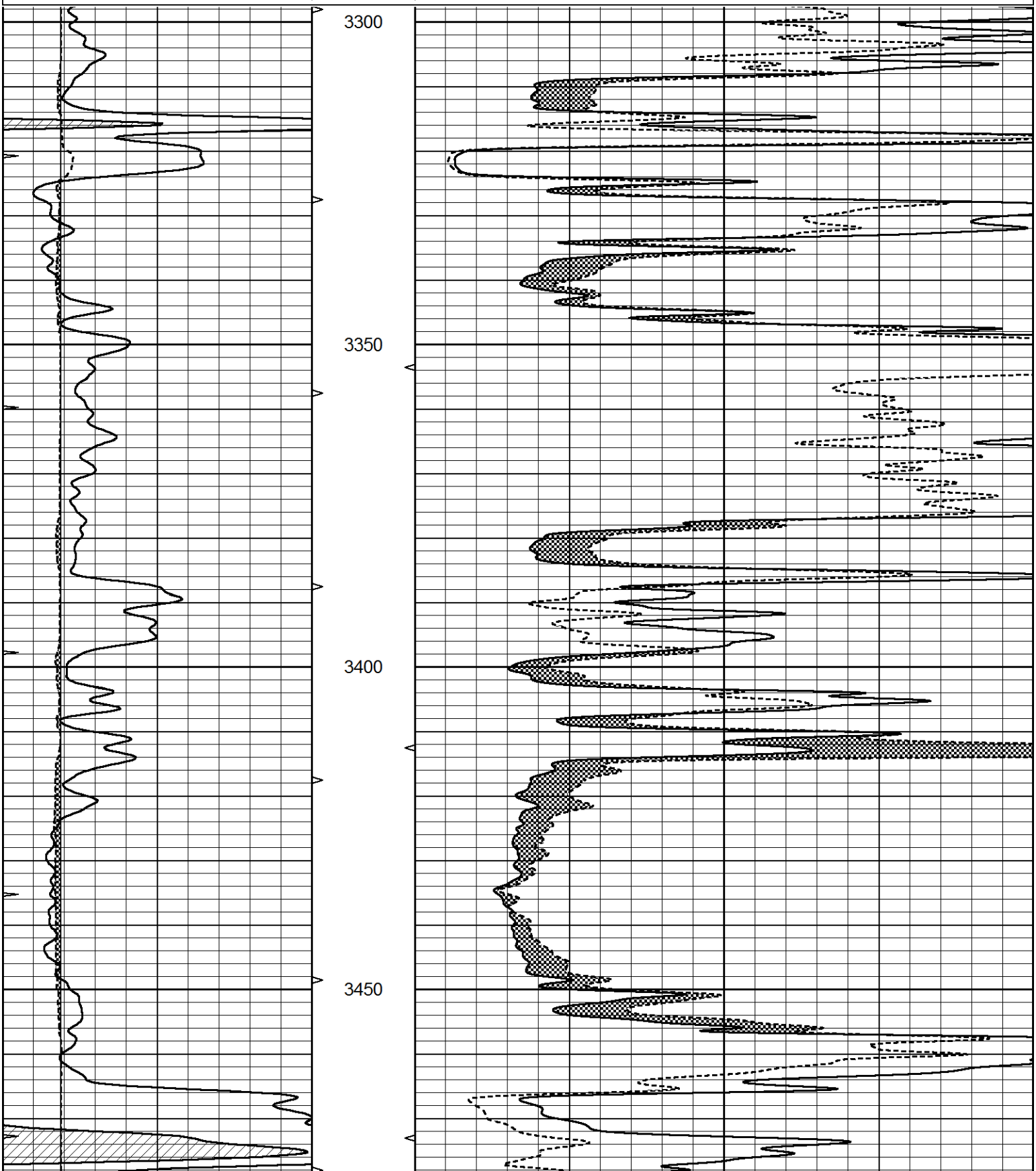
Comments

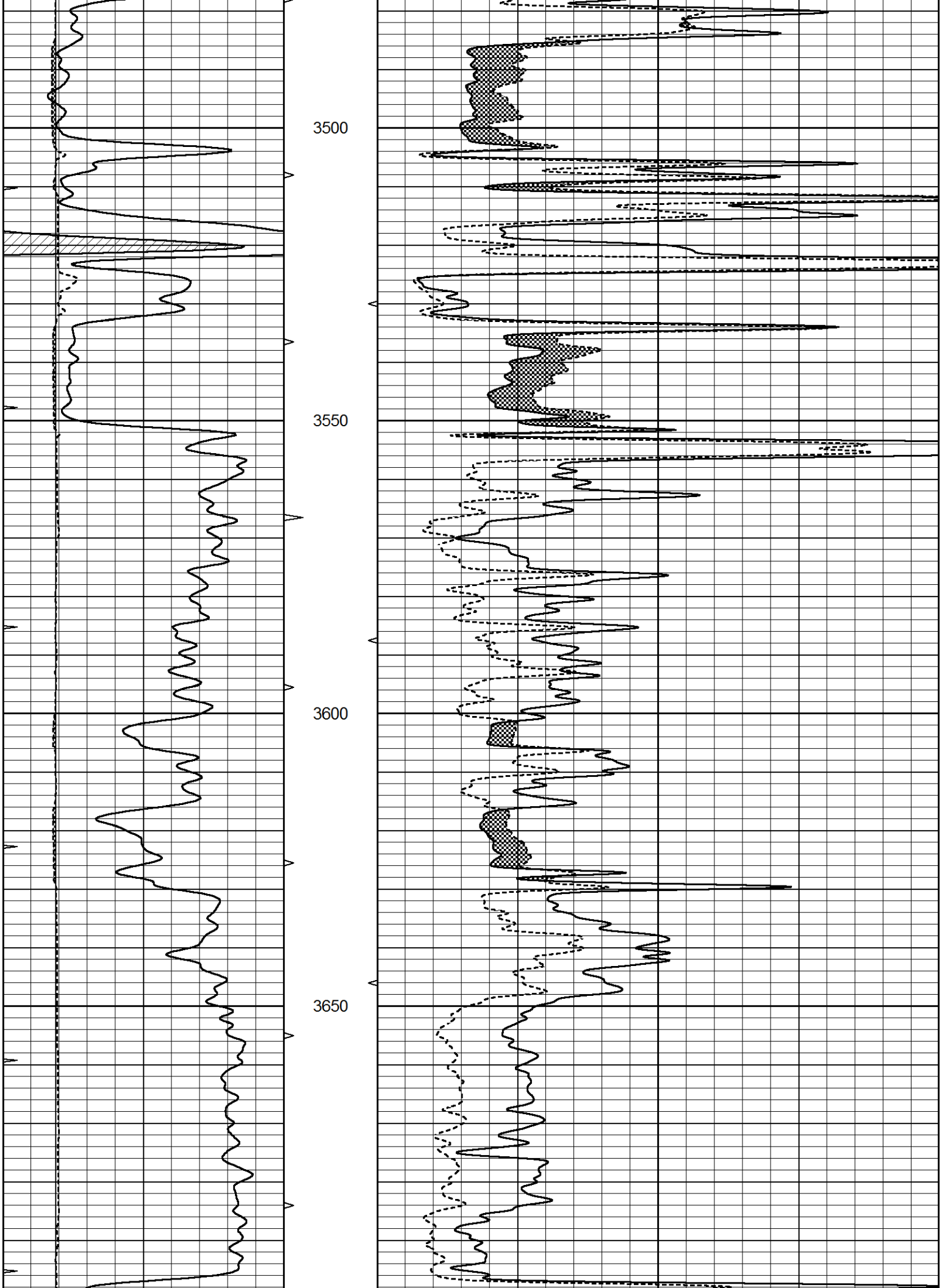
THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395
DIRECTIONS:
PRATT, KS., N.E. ON HWY 61 TO (NATRONA CHURCH) 3/4E., N INTO

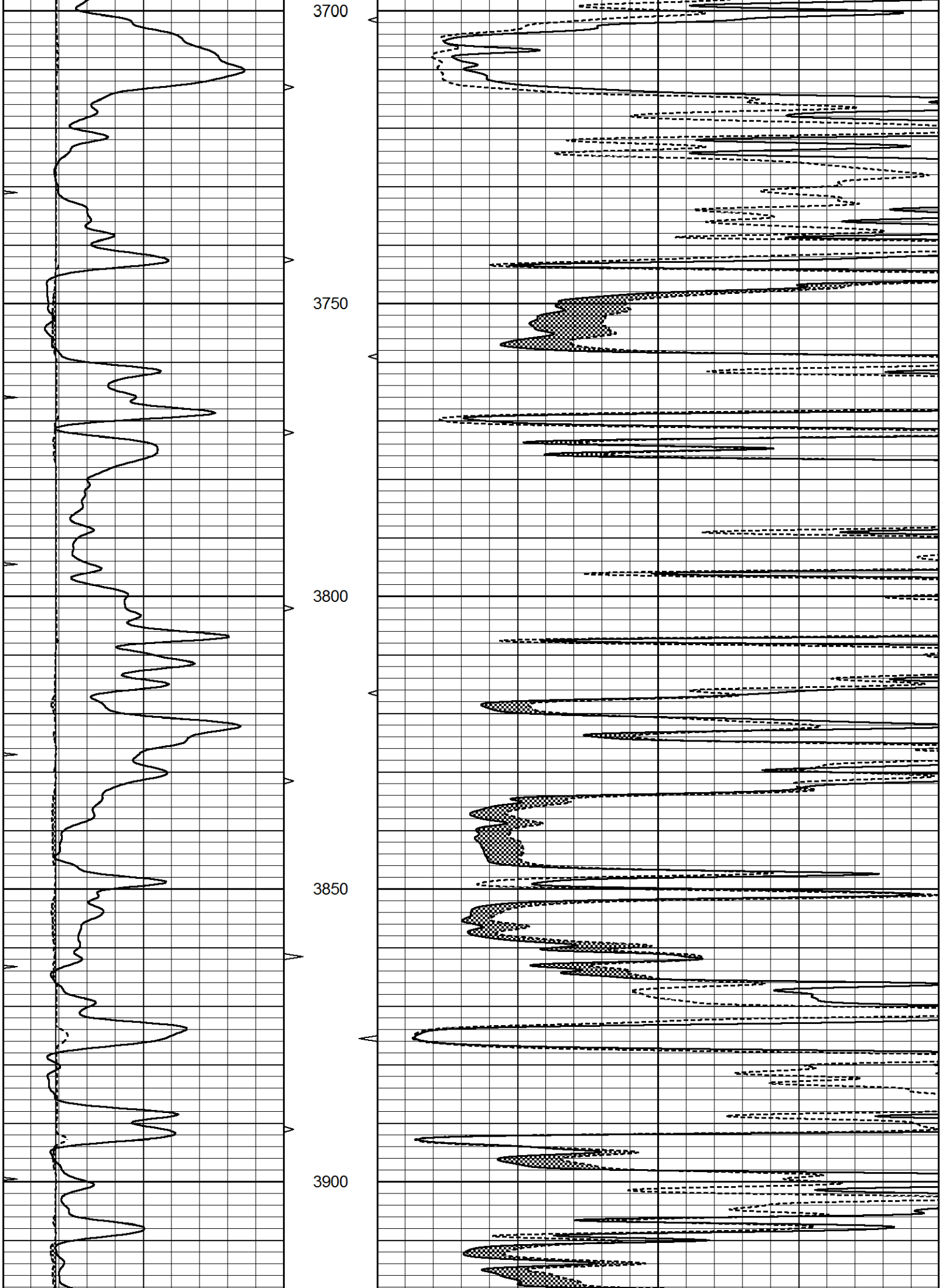
MAIN SECTION

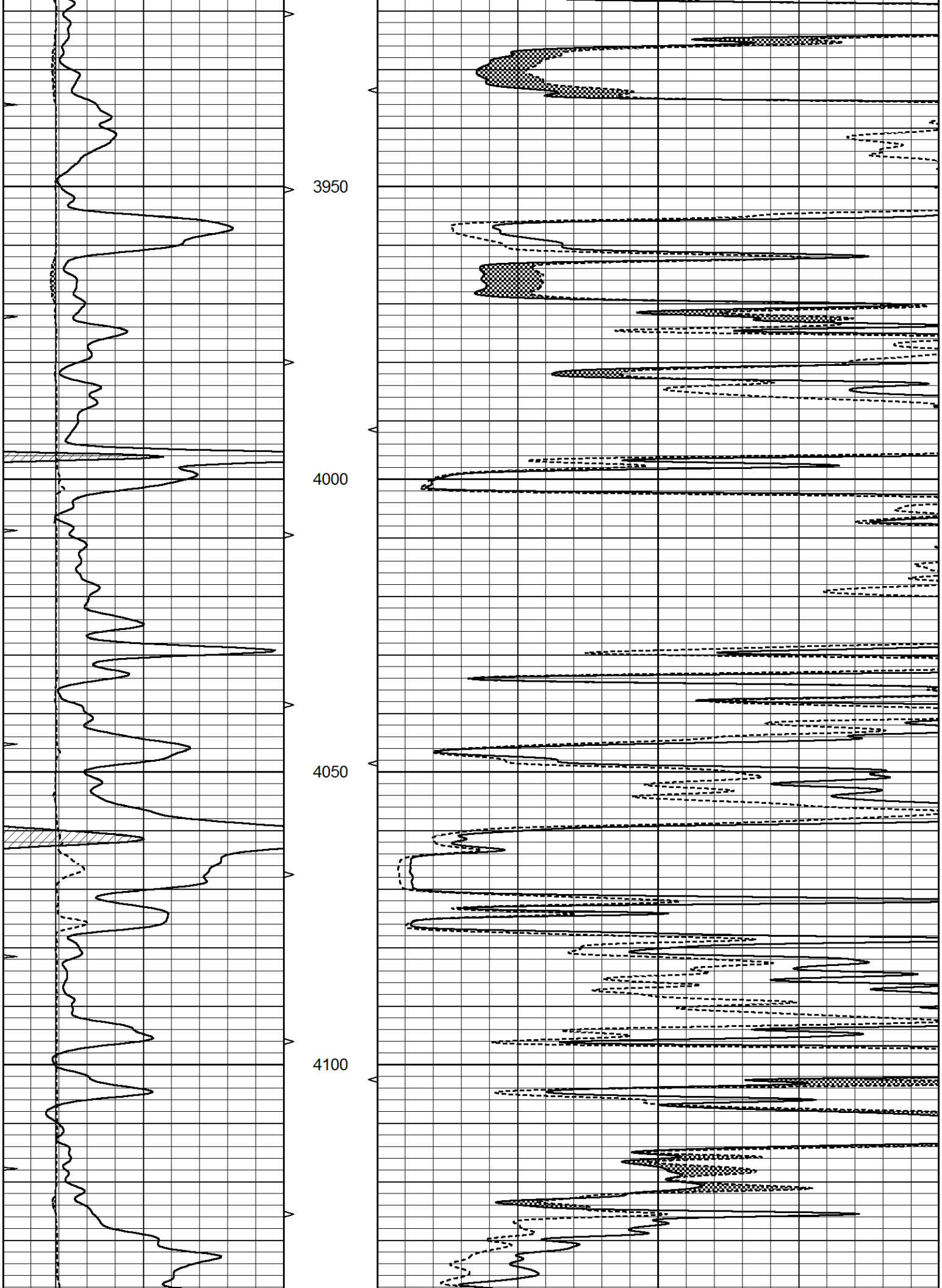
| | |
|---|---|
| Database File | 6807pe.db |
| Dataset Pathname | pass6.2 |
| Presentation Format | _micro |
| Dataset Creation | Fri Dec 02 10:06:44 2022 |
| Charted by | Depth in Feet scaled 1:240 |

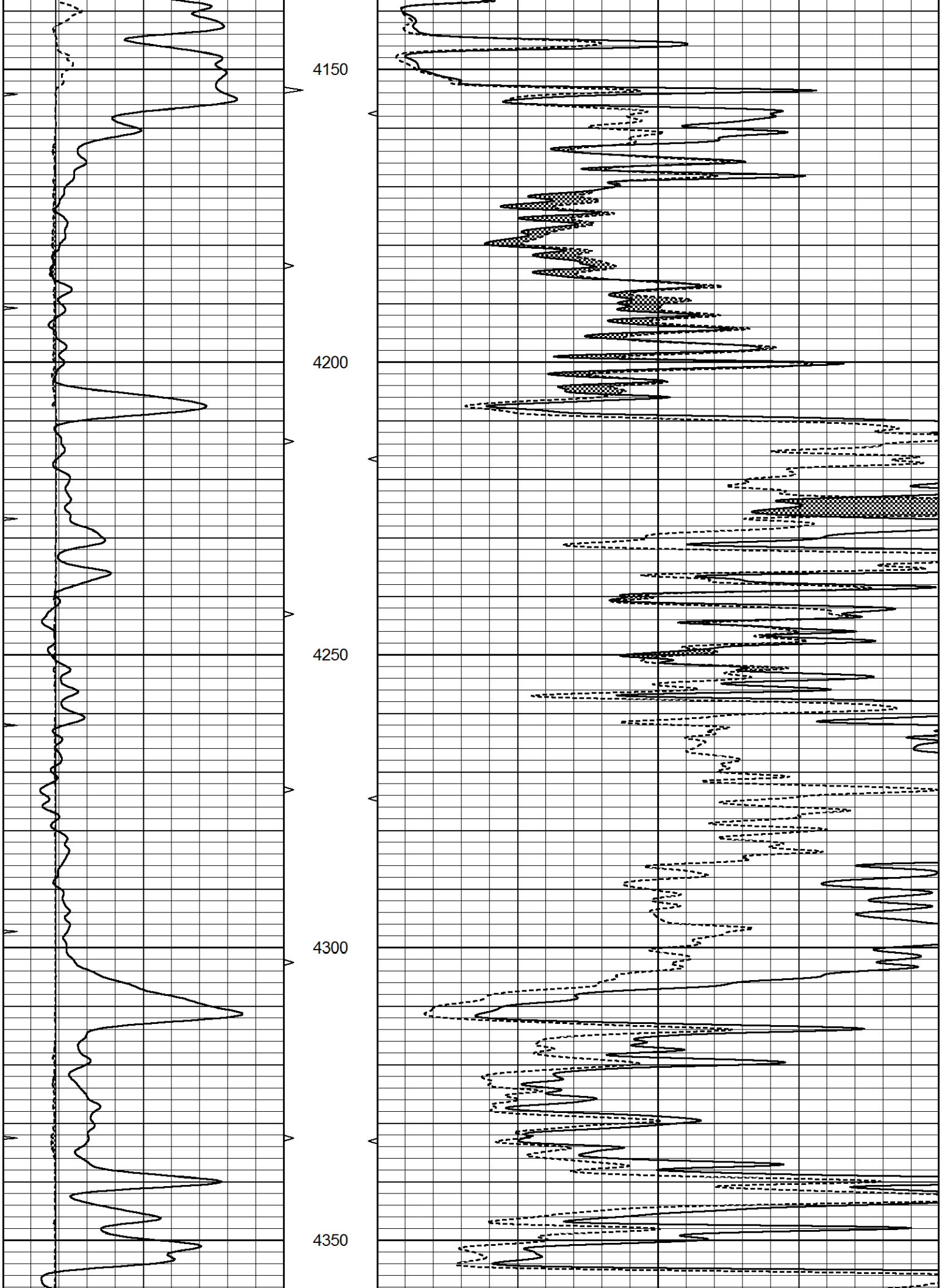
| | | | | | |
|---|---|---|---|---|---|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV | 0 | MEL1.5 (Ohm-m) 40 |
| 6 | CALIPER (in) | 16 | 10 (ft3) 0 | 0 | MEL2.0 (Ohm-m) 40 |
| 0 | MINMK | 20 | TBHV | | |
| | | | 0 (ft3) 10 | | |

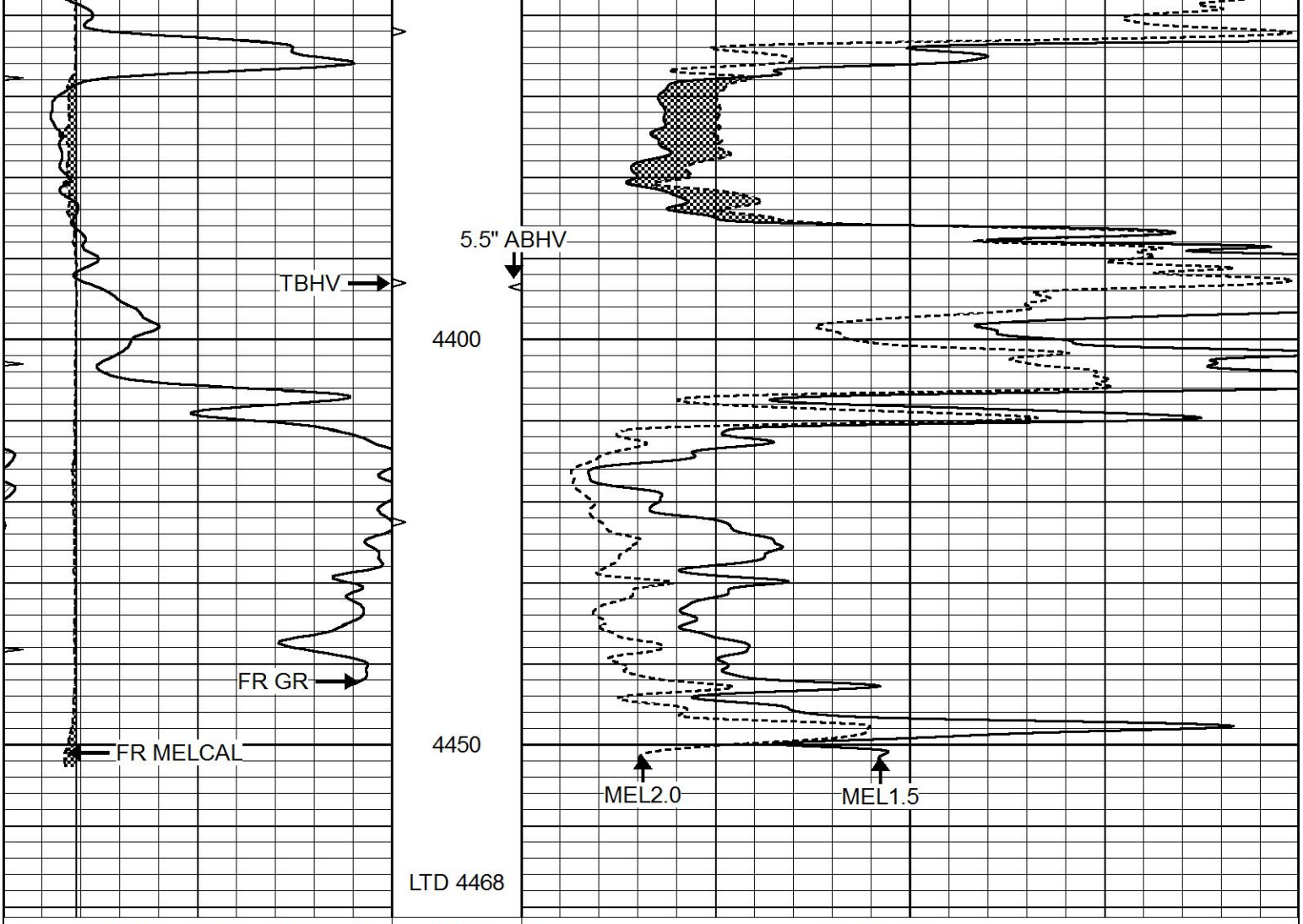



3500
3550
3600
3650


3700
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3800
3850
3900


3950
4000
4050
4100


4150
4200
4250
4300
4350

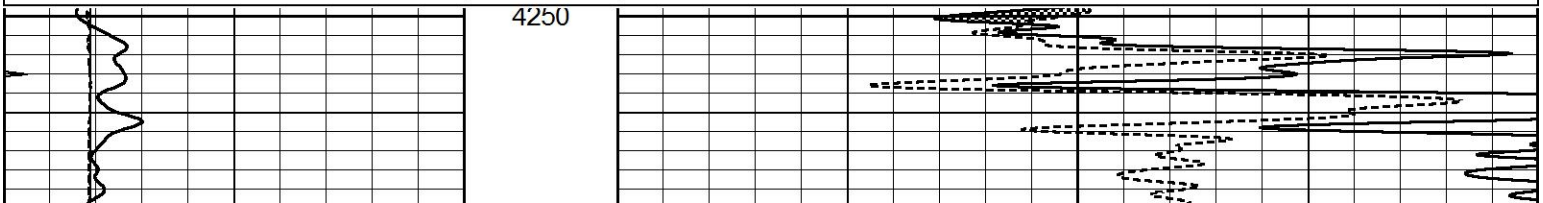


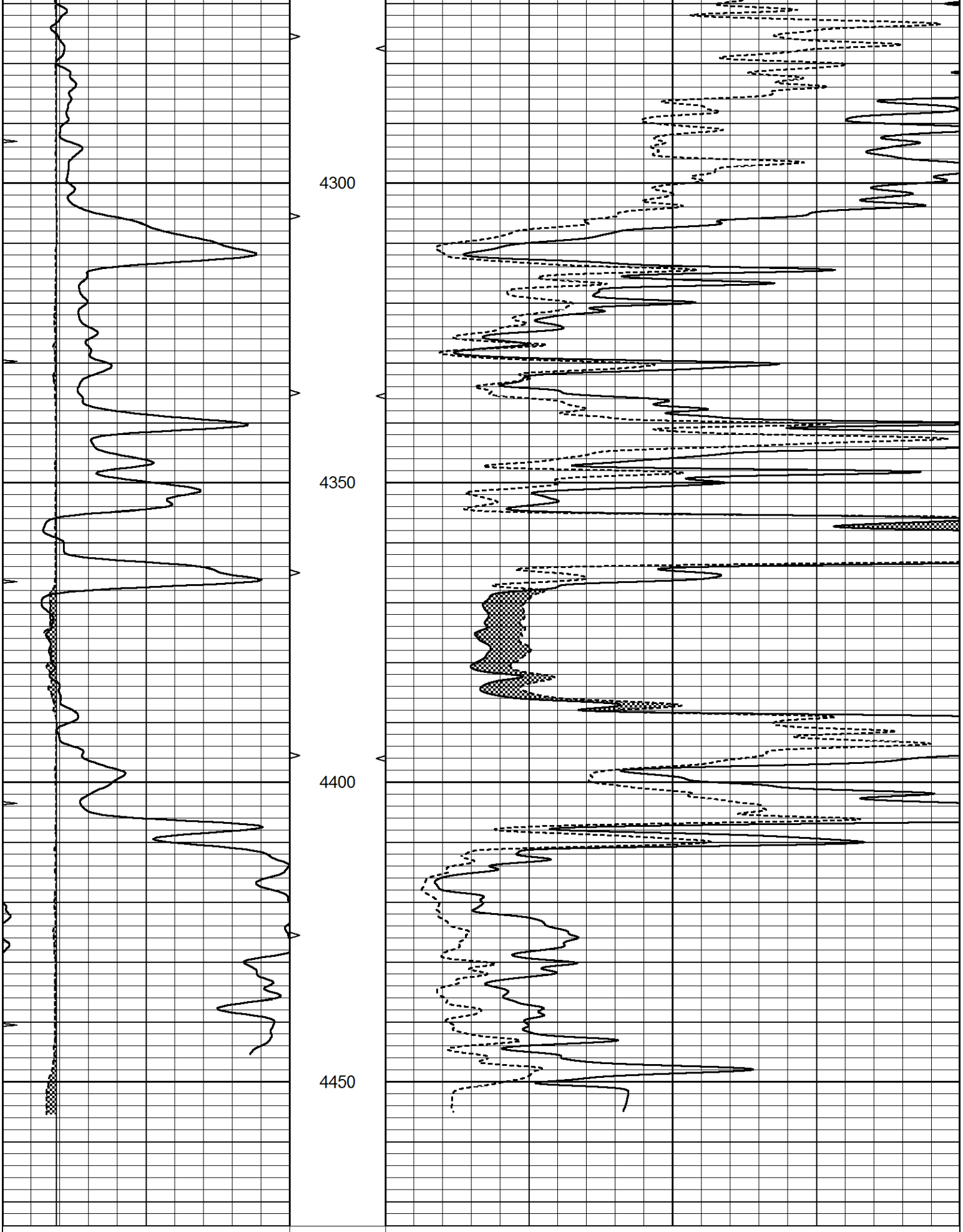

| | | | | | |
|---|---|---|---|---|---|
| 0 | GAMMA RAY (GAPI) 150 | ABHV | 0 | MEL1.5 (Ohm-m) | 40 |
| 6 | CALIPER (in) 16 | 10 (ft3) 0 | 0 | MEL2.0 (Ohm-m) | 40 |
| 0 | MINMK 20 | TBHV | | | |
| | | 0 (ft3) 10 | | | |

# REPEAT SECTION

| | |
|---|---|
| Database File | 6807pe.db |
| Dataset Pathname | pass5.4 |
| Presentation Format | _micro |
| Dataset Creation | Fri Dec 02 10:01:01 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 | | | |






| | | | | | |
|---|---|---|---|---|---|
| 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 | 6807pe.db |
| Dataset Pathname | pass6.2 |
| Dataset Creation | Fri Dec 02 10:06:44 2022 |

### MICRO Calibration Report

| | | |
|---|---|---|
| Serial Number: | MICRO6 | |
| Tool Model: | PROBE | |
| Performed: | Fri Dec 02 09:32:02 2022 | |
| Caliper Calibration: | Gain=-2.698 | Offset=18.577 |
| | Low Cal | High Cal |
| References | 8.000 | 16.000 |
| Readings | 3.920 | 0.955 |
| 1.5" Calibration: | Gain=40.000 | Offset=0.000 |
| | Low Cal | High Cal |
| References | 0.000 | 20.000 |
| Readings | 0.002 | 0.624 |
| 2" Calibration: | Gain=60.000 | Offset=-1.000 |
| | Low Cal | High Cal |
| References | 0.000 | 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 |