

MICRO
LOG



Company MAI OIL OPERATIONS, INC.
Well KULTGEN #18
Field CHEYENNE VIEW
County BARTON State KANSAS

Location: API #: 15-009-26272-0000
1280' FNL & 1350' FWL
SW - SW - NE - NW
SEC 12 TWP 19S RGE 12W
Permanent Datum GROUND LEVEL Elevation 1799
Log Measured From KELLY BUSHING 9' A.G.L
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL
Elevation
K.B. 1808
D.F. 1806
G.L. 1799

| | | | |
|------------------------------|-------------------|---------------------|--|
| Date | 9/10/19 | | |
| Run Number | TWO | | |
| Depth Driller | 3460 | | |
| Depth Logger | 3458 | | |
| Bottom Logged Interval | 3456 | | |
| Top Log Interval | 2650 | | |
| Casing Driller | 8 5/8" @ 392' | | |
| Casing Logger | 392' | | |
| Bit Size | 7 7/8 | | |
| Type Fluid in Hole | CHEMICAL MUD | CHLORIDES 10000 PPM | |
| Density / Viscosity | 9.4/62 | | |
| pH / Fluid Loss | 8.5/16.0 | | |
| Source of Sample | FLOWLINE | | |
| Rm @ Meas. Temp | .25 @ 94F | | |
| Rmf @ Meas. Temp | .18 @ 94F | | |
| Rmc @ Meas. Temp | .30 @ 94F | | |
| Source of Rmf / Rmc | MEASUREMENT | | |
| Rm @ BHT | .21 @ 111F | | |
| Time Circulation Stopped | 2 HOURS | | |
| Time Logger on Bottom | //// | | |
| Maximum Recorded Temperature | 111F | | |
| Equipment Number | 3802 | | |
| Location | HAYS, KANSAS | | |
| Recorded By | JASON CAPPELLUCCI | | |
| Witnessed By | JIM MUSGROVE | | |

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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

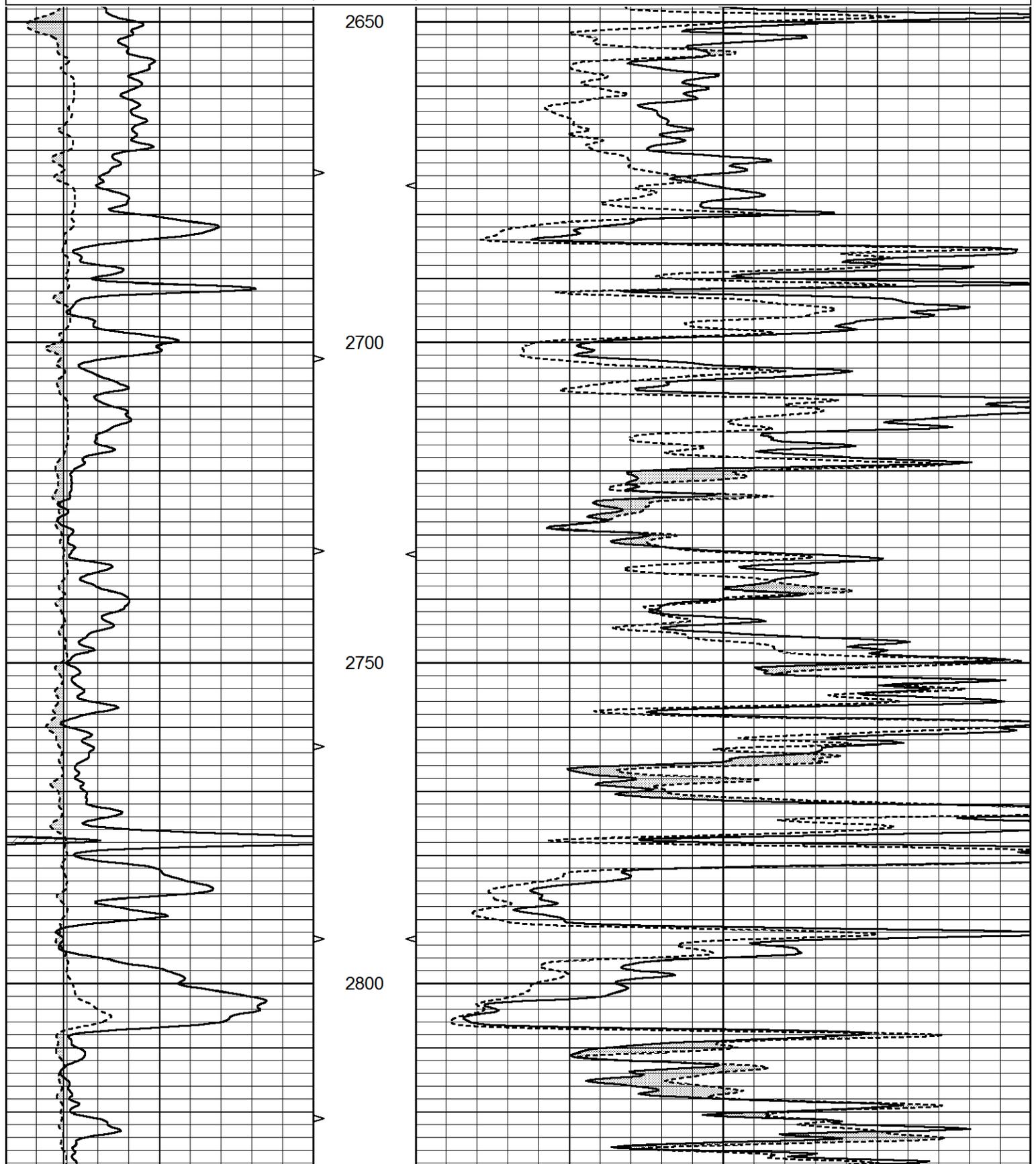
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
ELLINWOOD, KS. - 4 NORTH ON 100TH AVE TO 40 RD. - 3/4 WEST - SOUTH INTO

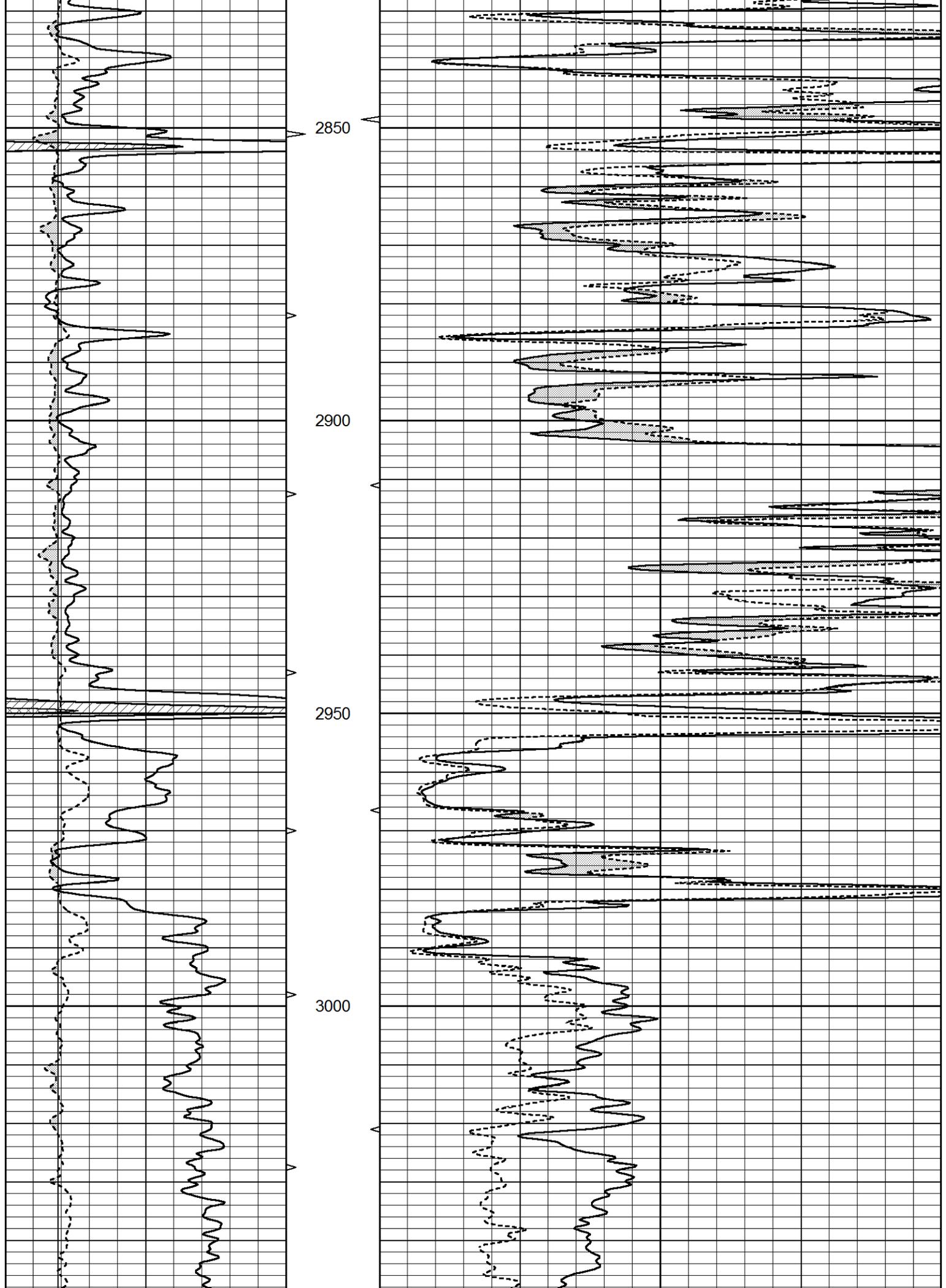


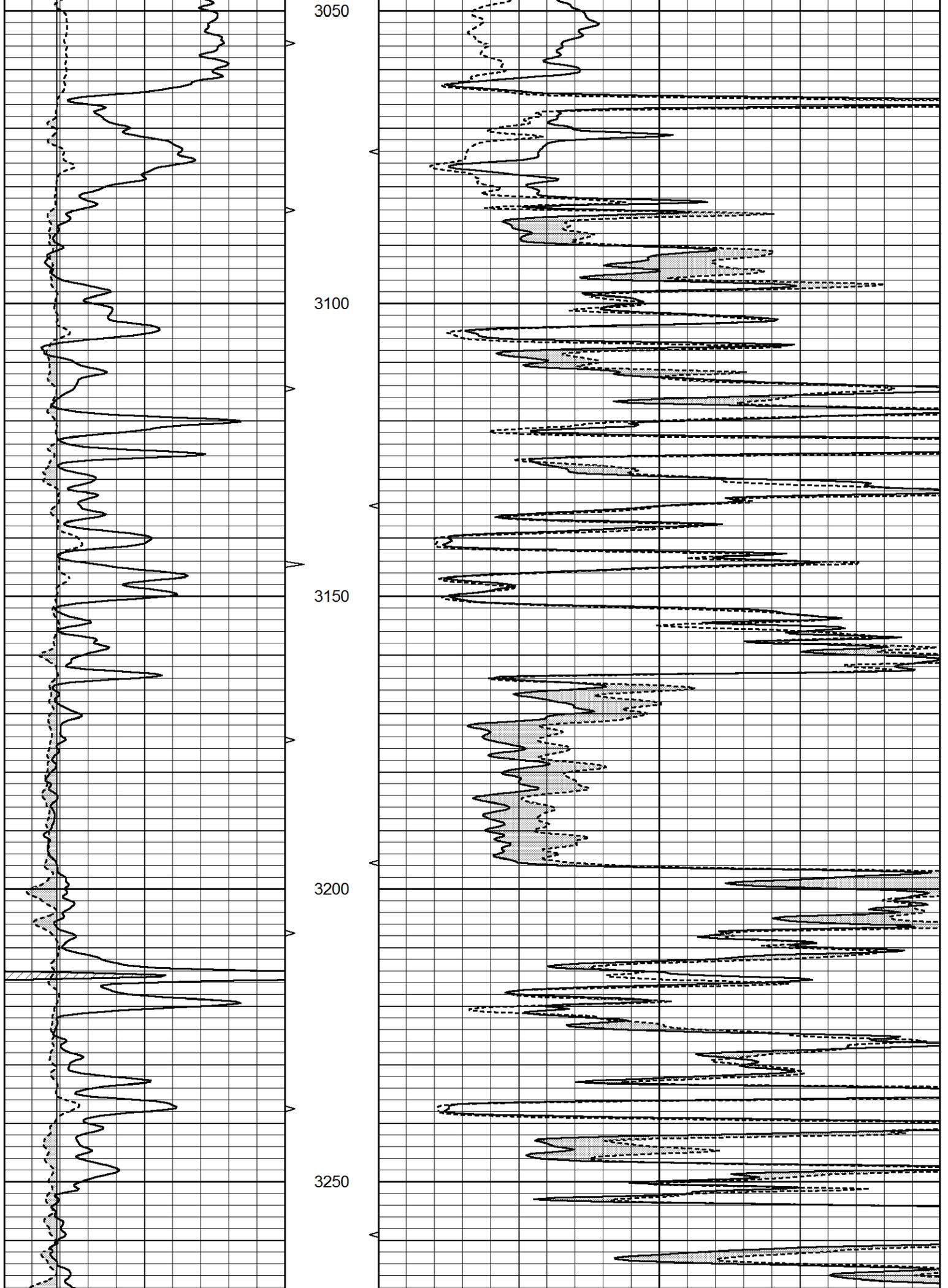
MAIN SECTION

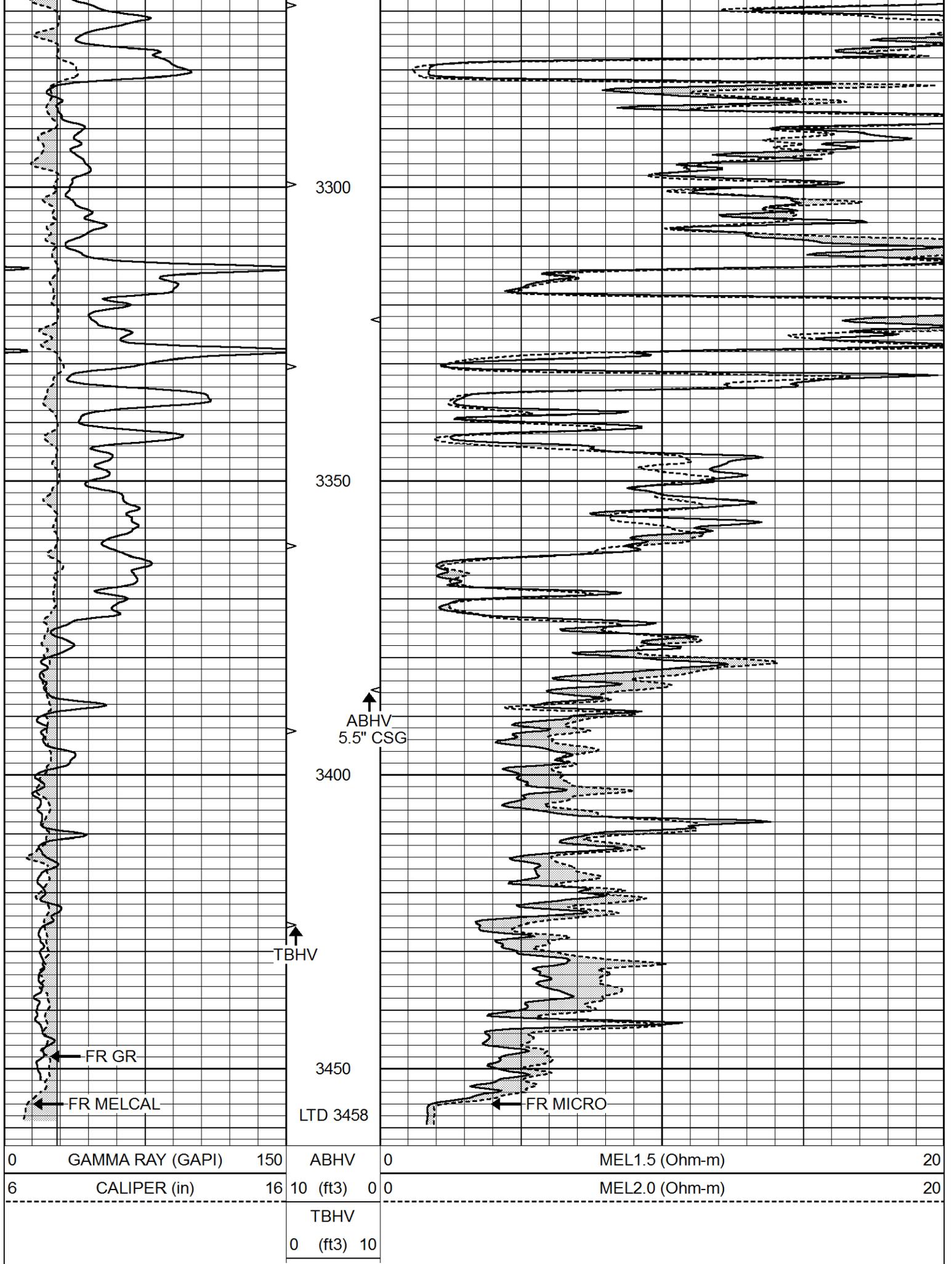
Database File 3992ddn8.db
 Dataset Pathname pass6.1
 Presentation Format _micro
 Dataset Creation Tue Sep 10 15:10:49 2019
 Charted by Depth in Feet scaled 1:240

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









| | | |
|---|------------------|-----|
| 0 | GAMMA RAY (GAPI) | 150 |
| 6 | CALIPER (in) | 16 |

| | | |
|------|---|----------|
| ABHV | 0 | 10 (ft3) |
| TBHV | 0 | 10 (ft3) |

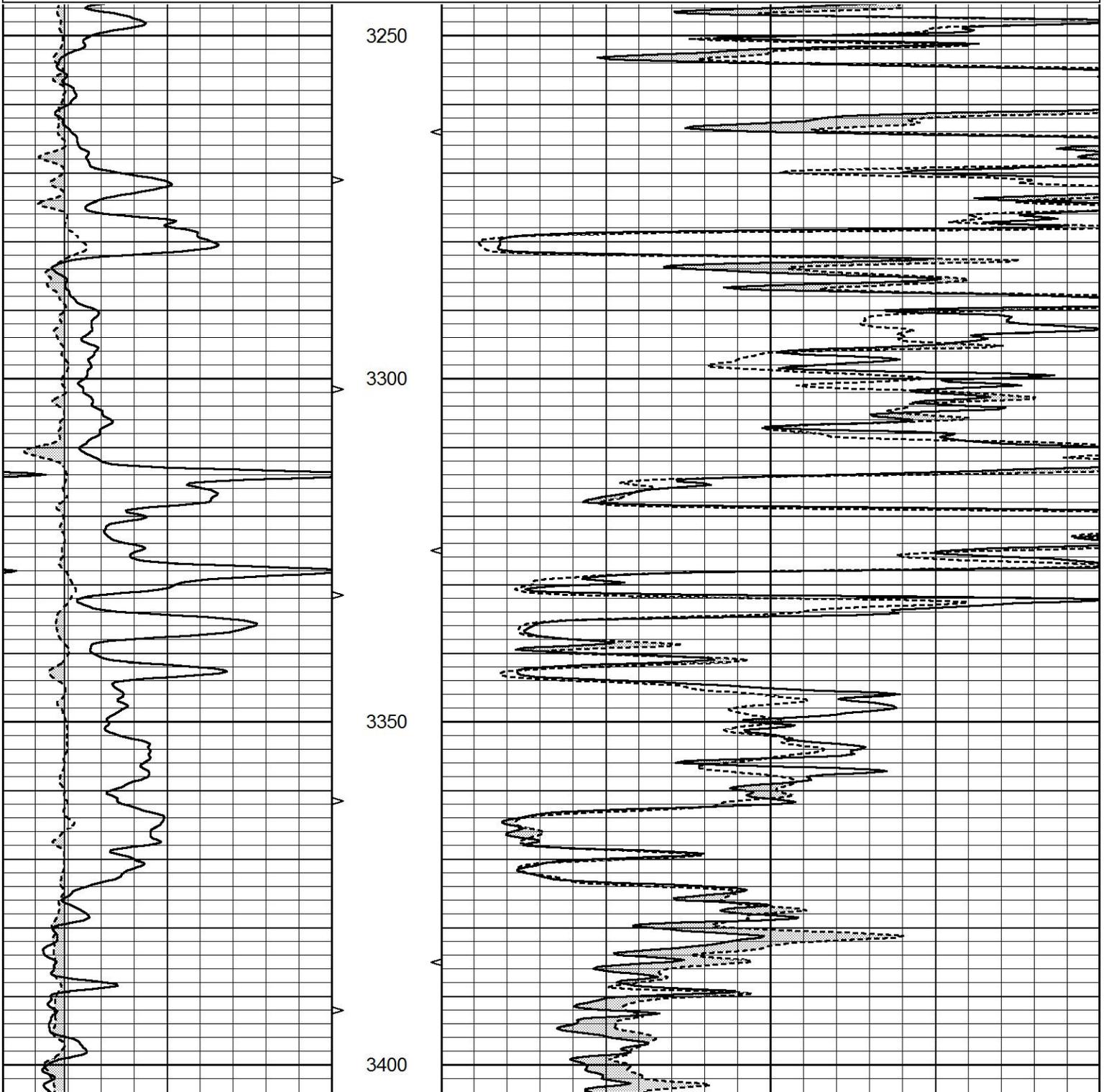
| | | |
|----------------|---|----|
| MEL1.5 (Ohm-m) | 0 | 20 |
| MEL2.0 (Ohm-m) | 0 | 20 |



REPEAT SECTION

Database File 3992ddn8.db
 Dataset Pathname pass5.1
 Presentation Format _micro
 Dataset Creation Tue Sep 10 14:55:57 2019
 Charted by Depth in Feet scaled 1:240

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



Gamma Ray Calibration Report

| | | |
|---------------------|--------------------------|----------|
| Serial Number: | 070558 | |
| Tool Model: | Probe1 | |
| Performed: | Mon Jan 21 19:38:56 2019 | |
| Calibrator Value: | 1.0 | GAPI |
| Background Reading: | 0.0 | cps |
| Calibrator Reading: | 1.0 | cps |
| Sensitivity: | 0.2500 | GAPI/cps |