



# COMPENSATED DENSITY/NEUTRON LOG

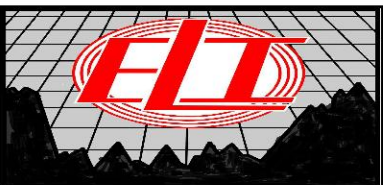
|                              |                            |                    |                           |
|------------------------------|----------------------------|--------------------|---------------------------|
| Company                      | GREAT PLAINS ENERGY, INC.  |                    |                           |
| Well                         | OELKERS FAMILY TRUST #1-19 |                    |                           |
| Field                        |                            |                    |                           |
| County                       | RUSH                       | State              | KANSAS                    |
| Location:                    | API # : 15-165-22172-0000  |                    | Other Services<br>DIL/MEL |
|                              | 1980' FNL & 1980' FEL      |                    |                           |
| Permanent Datum              | SEC 19 TWP 16S RGE 19W     | Elevation          |                           |
| Log Measured From            | GROUND LEVEL               | Elevation          | K.B. 2108                 |
| Drilling Measured From       | KELLY BUSHING 7' A.G.L     |                    | D.F. 2106                 |
|                              | KELLY BUSHING              |                    | G.L. 2101                 |
| Date                         | 6/17/20                    |                    |                           |
| Run Number                   | ONE                        |                    |                           |
| Depth Driller                | 3900                       |                    |                           |
| Depth Logger                 | 3900                       |                    |                           |
| Bottom Logged Interval       | 3876                       |                    |                           |
| Top Log Interval             | 3100                       |                    |                           |
| Casing Driller               | 8 5/8" @ 1130'             |                    |                           |
| Casing Logger                | 1130                       |                    |                           |
| Bit Size                     | 7 7/8                      |                    |                           |
| Type Fluid in Hole           | CHEMICAL MUD               | CHLORIDES 6800 PPM |                           |
| Density / Viscosity          | 9.3/58                     |                    |                           |
| pH / Fluid Loss              | 10.0/6.4                   |                    |                           |
| Source of Sample             | FLOWLINE                   |                    |                           |
| Rm @ Meas. Temp              | 0.50 @ 87F                 |                    |                           |
| Rmf @ Meas. Temp             | 0.37 @ 87F                 |                    |                           |
| Rmc @ Meas. Temp             | 0.60 @ 87F                 |                    |                           |
| Source of Rmf / Rmc          | MEASUREMENT                |                    |                           |
| Rm @ BHT                     | 0.40 @ 108F                |                    |                           |
| Time Circulation Stopped     | 2 HOURS                    |                    |                           |
| Time Logger on Bottom        | ////                       |                    |                           |
| Maximum Recorded Temperature | 108F                       |                    |                           |
| Equipment Number             | 3802                       |                    |                           |
| Location                     | HAYS, KANSAS               |                    |                           |
| Recorded By                  | JASON CAPPELLUCCI          |                    |                           |
| Witnessed By                 | RICHARD BELL               |                    |                           |

<<< 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

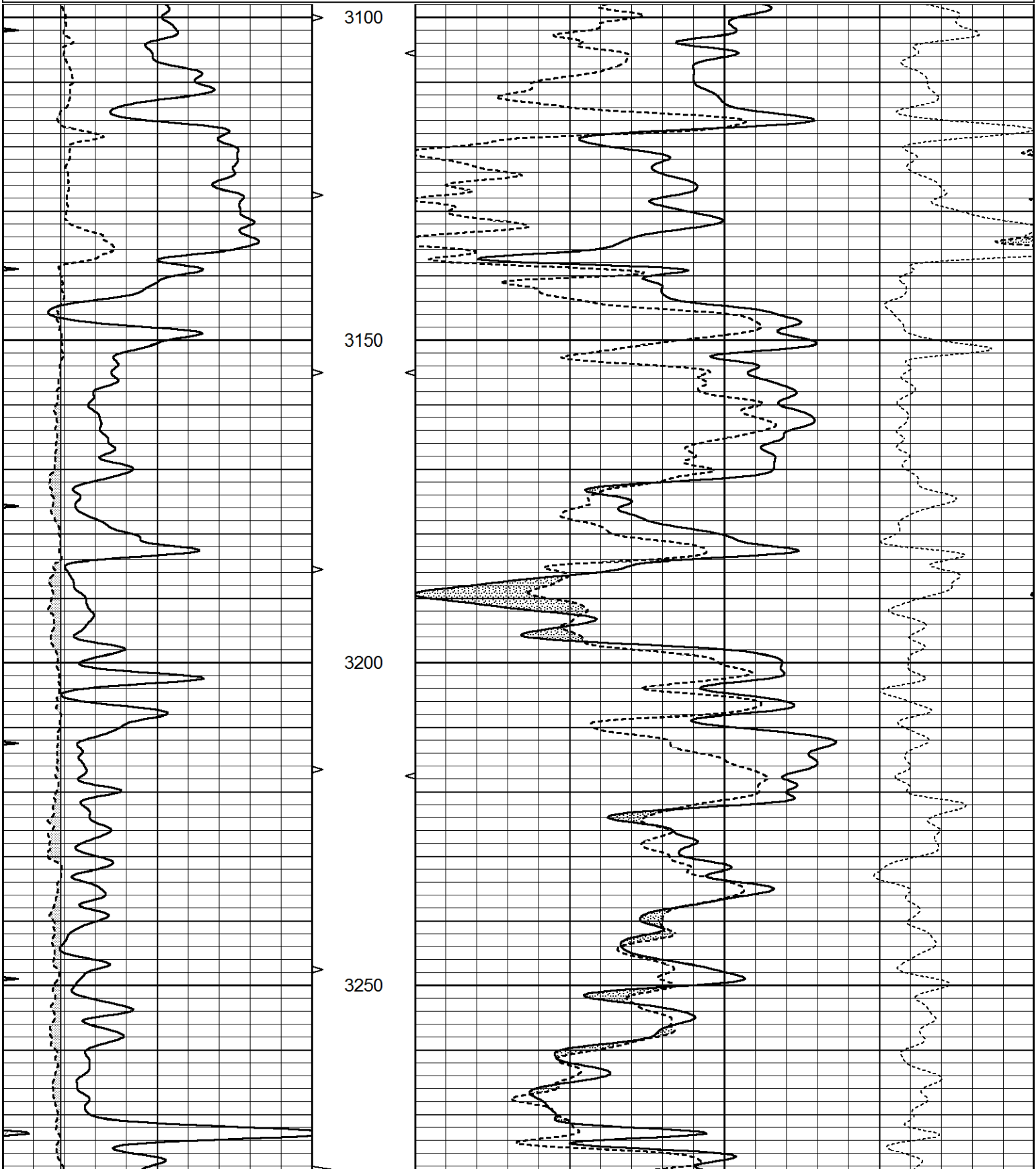
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. ( 785 ) 628-6395  
DIRECTIONS  
LIEBENTHAL, KS. - 1/2 SOUTH TO McCRACKEN BLKTOP - 7 1/2 WEST TO RD. 170  
1 NORTH - 1/2 WEST - SOUTH INTO

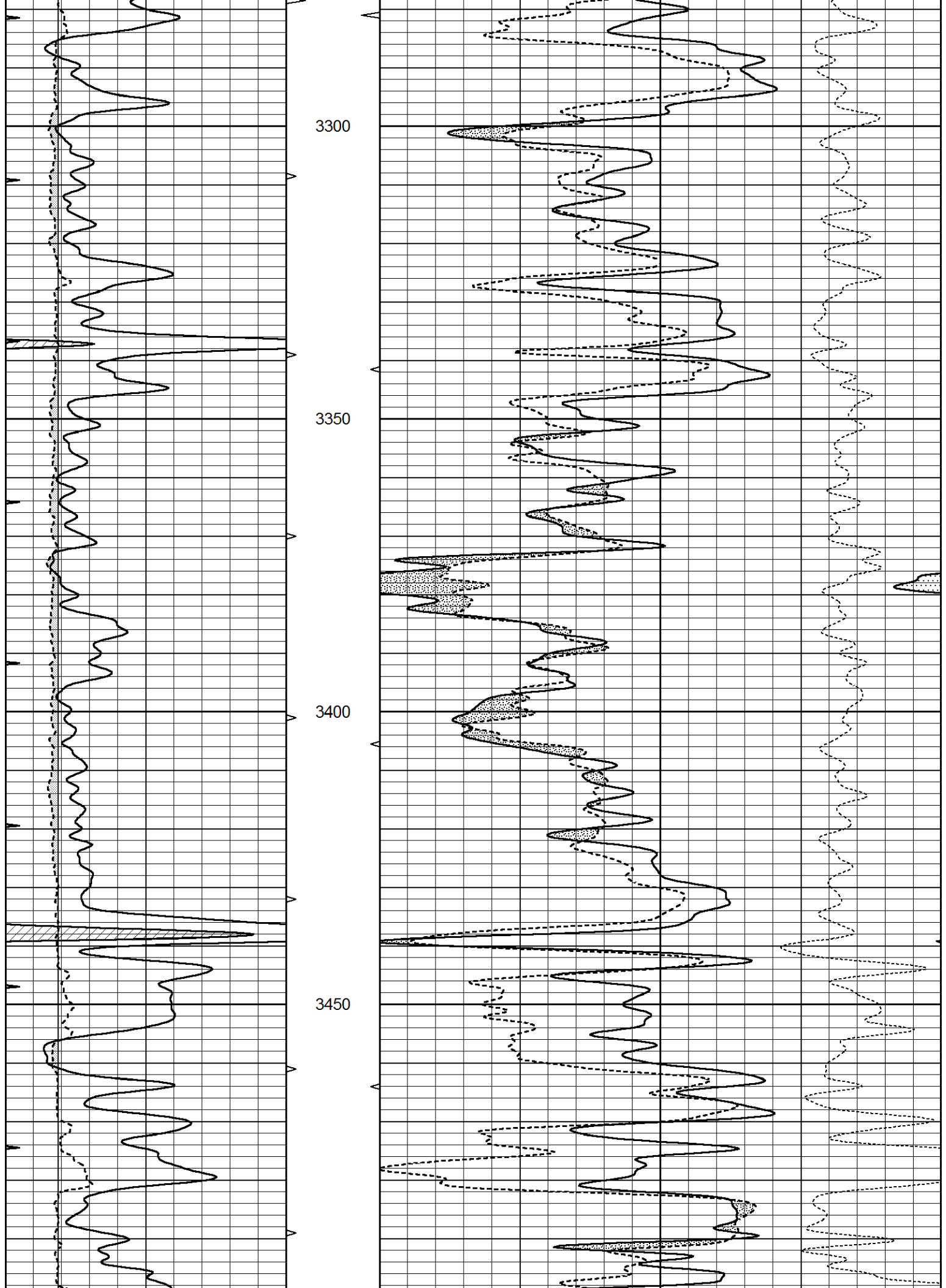


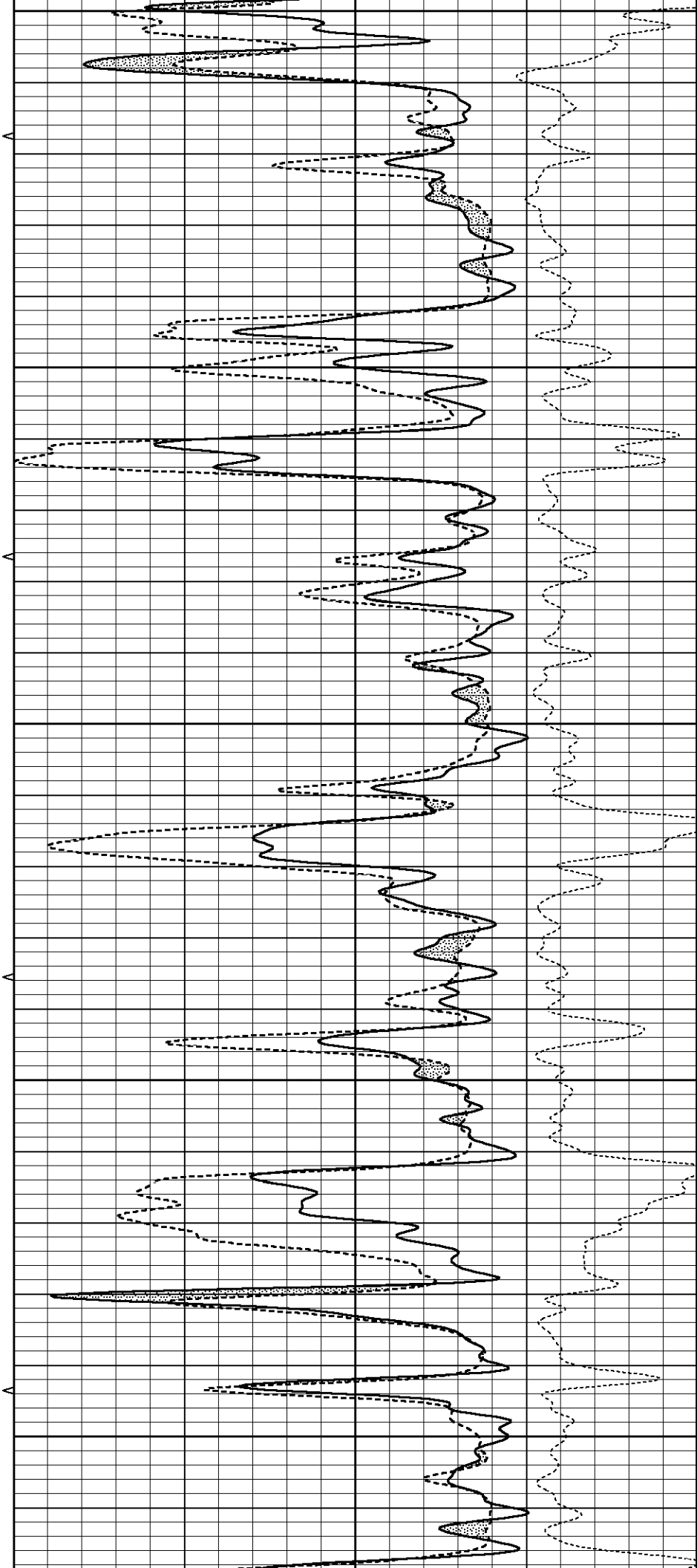
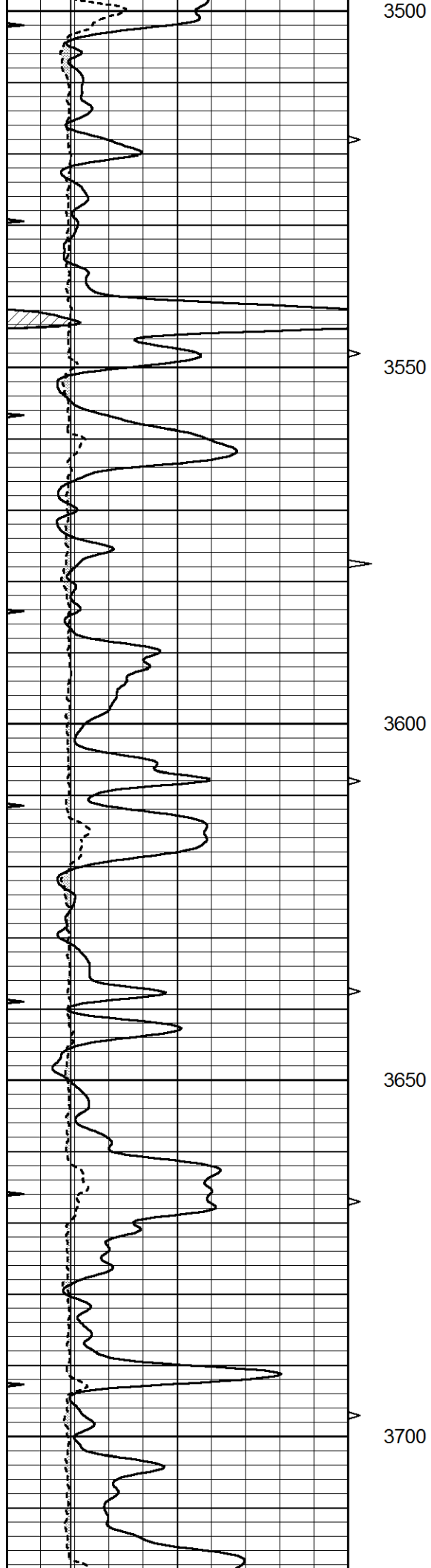
# MAIN SECTION

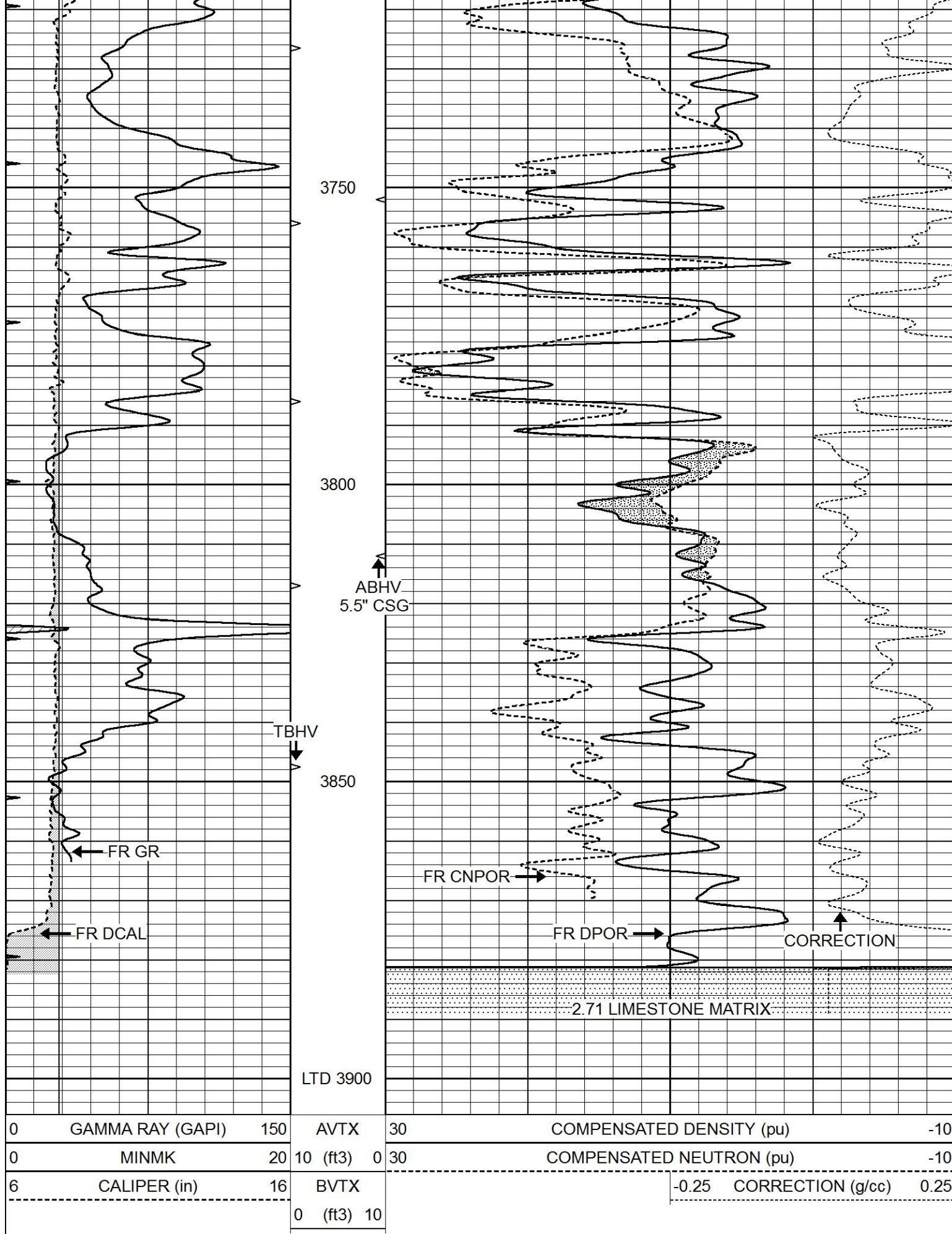
|                     |                            |
|---------------------|----------------------------|
| Database File       | 4740ddn.db                 |
| Dataset Pathname    | pass3.1                    |
| Presentation Format | _den_neu                   |
| Dataset Creation    | Wed Jun 17 17:32:48 2020   |
| Charted by          | Depth in Feet scaled 1:240 |

|   |                  |     |            |    |                          |      |
|---|------------------|-----|------------|----|--------------------------|------|
| 0 | GAMMA RAY (GAPI) | 150 | AVTX       | 30 | COMPENSATED DENSITY (pu) | -10  |
| 0 | MINMK            | 20  | 10 (ft3) 0 | 30 | COMPENSATED NEUTRON (pu) | -10  |
| 6 | CALIPER (in)     | 16  | BVTX       |    | -0.25 CORRECTION (g/cc)  | 0.25 |
|   |                  |     | 0 (ft3) 10 |    |                          |      |







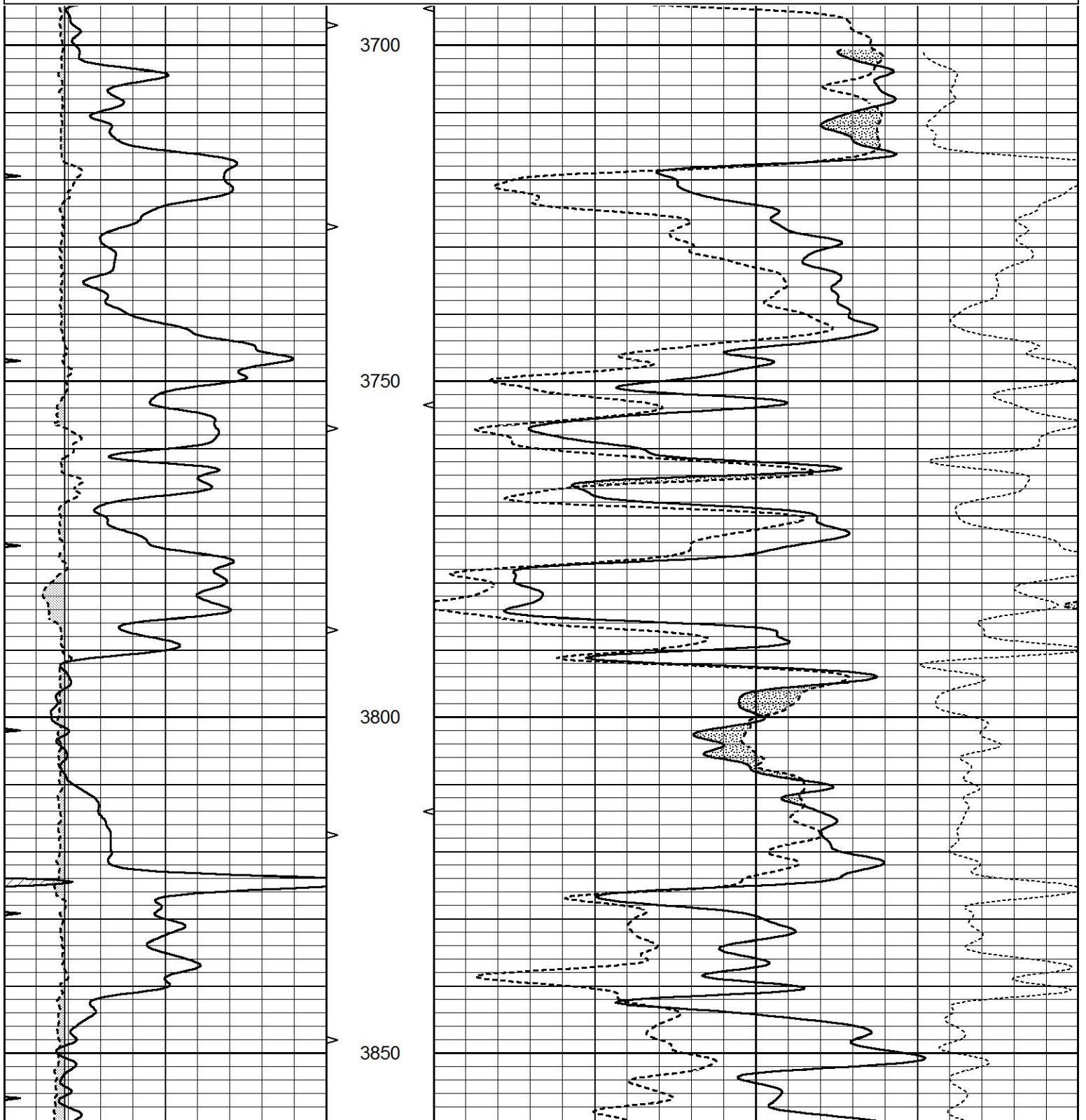


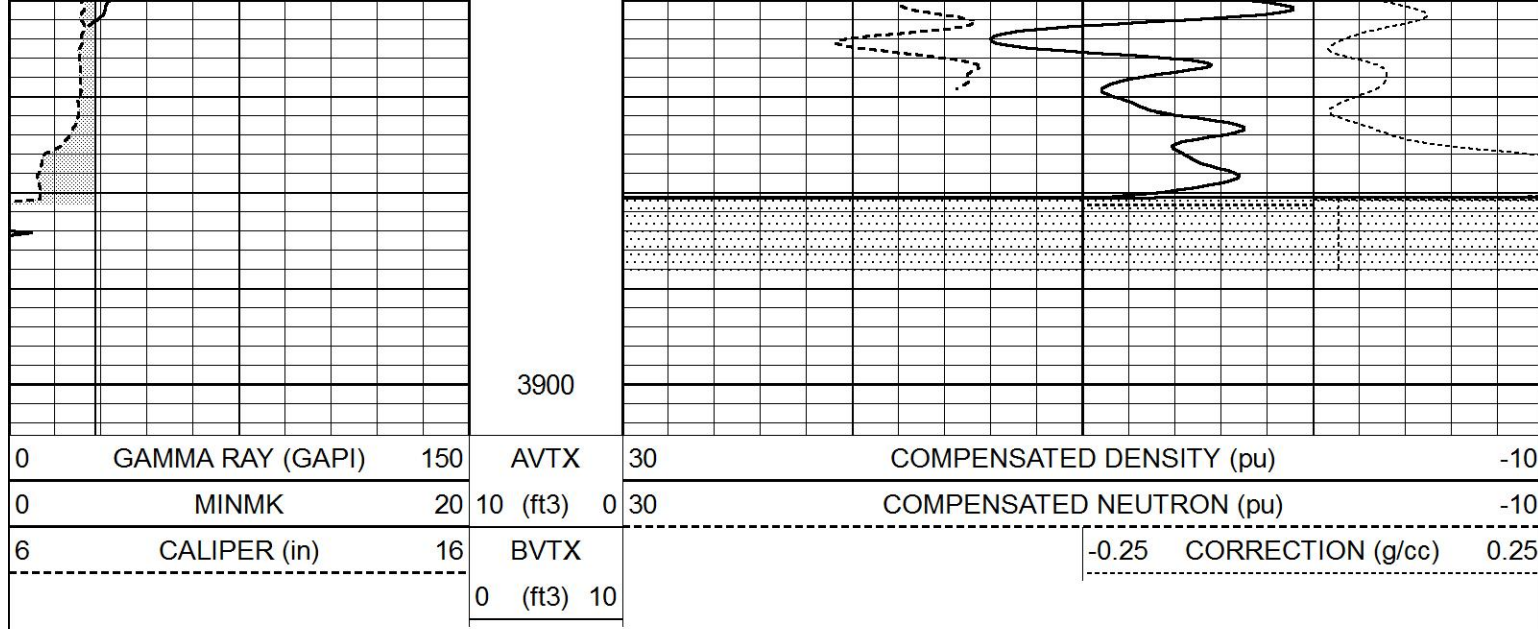


# REPEAT SECTION

Database File 4740ddn.db  
Dataset Pathname pass2.1  
Presentation Format \_den\_neu  
Dataset Creation Wed Jun 17 17:07:26 2020  
Charted by Depth in Feet scaled 1:240

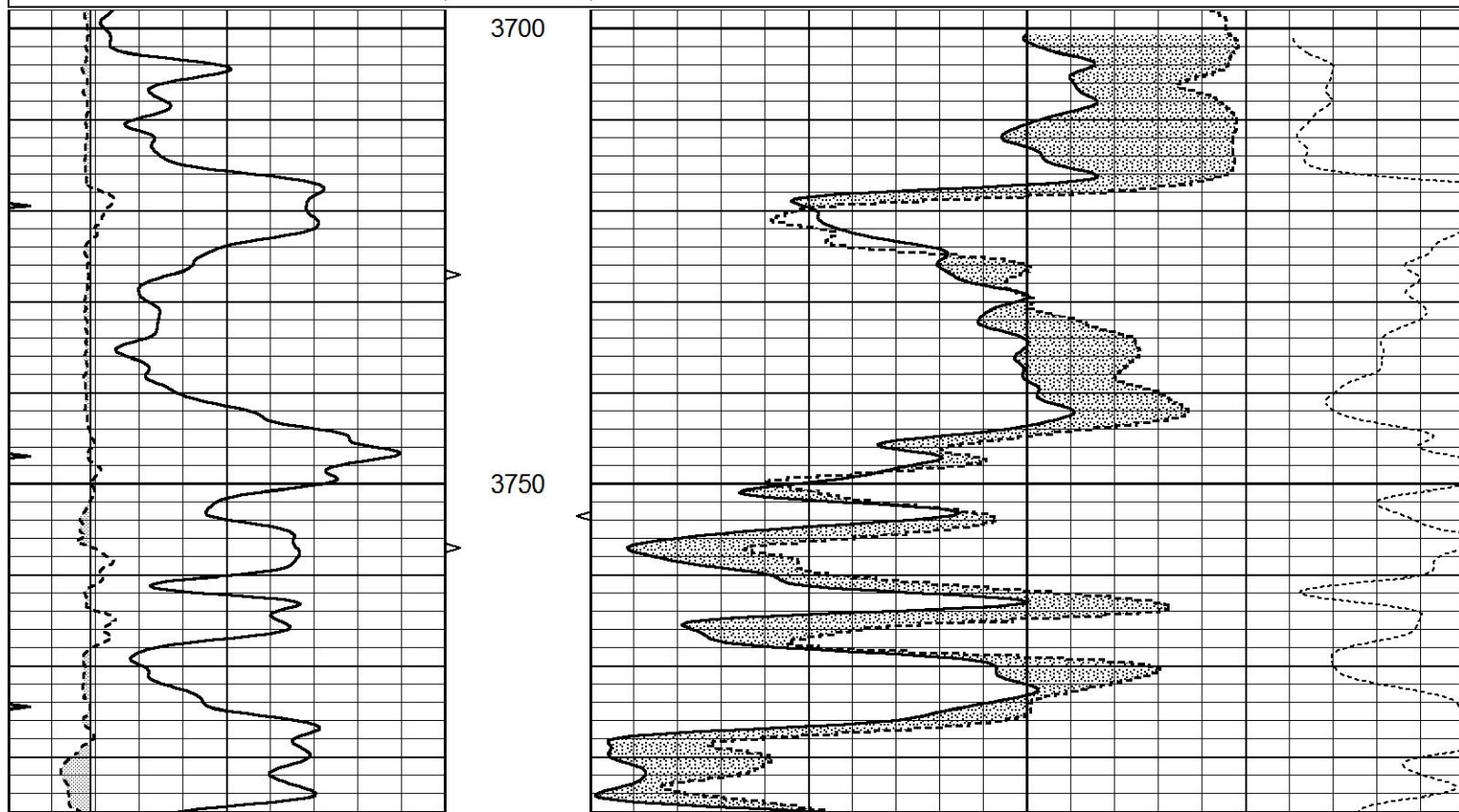
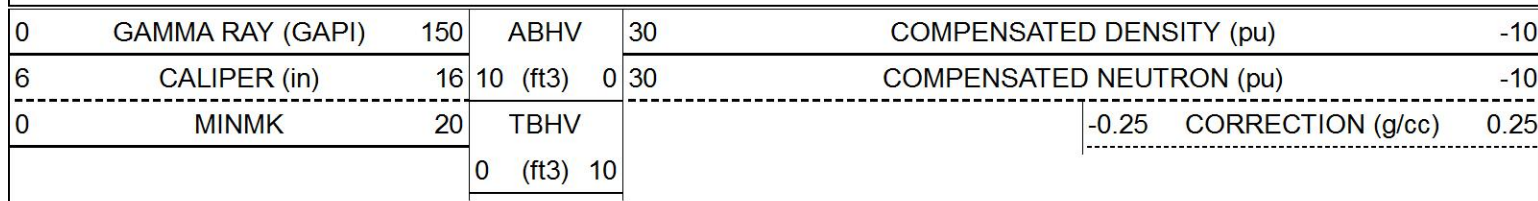
|   |                  |     |            |    |                          |      |
|---|------------------|-----|------------|----|--------------------------|------|
| 0 | GAMMA RAY (GAPI) | 150 | AVTX       | 30 | COMPENSATED DENSITY (pu) | -10  |
| 0 | MINMK            | 20  | 10 (ft3) 0 | 30 | COMPENSATED NEUTRON (pu) | -10  |
| 6 | CALIPER (in)     | 16  | BVTX       |    | -0.25 CORRECTION (g/cc)  | 0.25 |
|   |                  |     | 0 (ft3) 10 |    |                          |      |

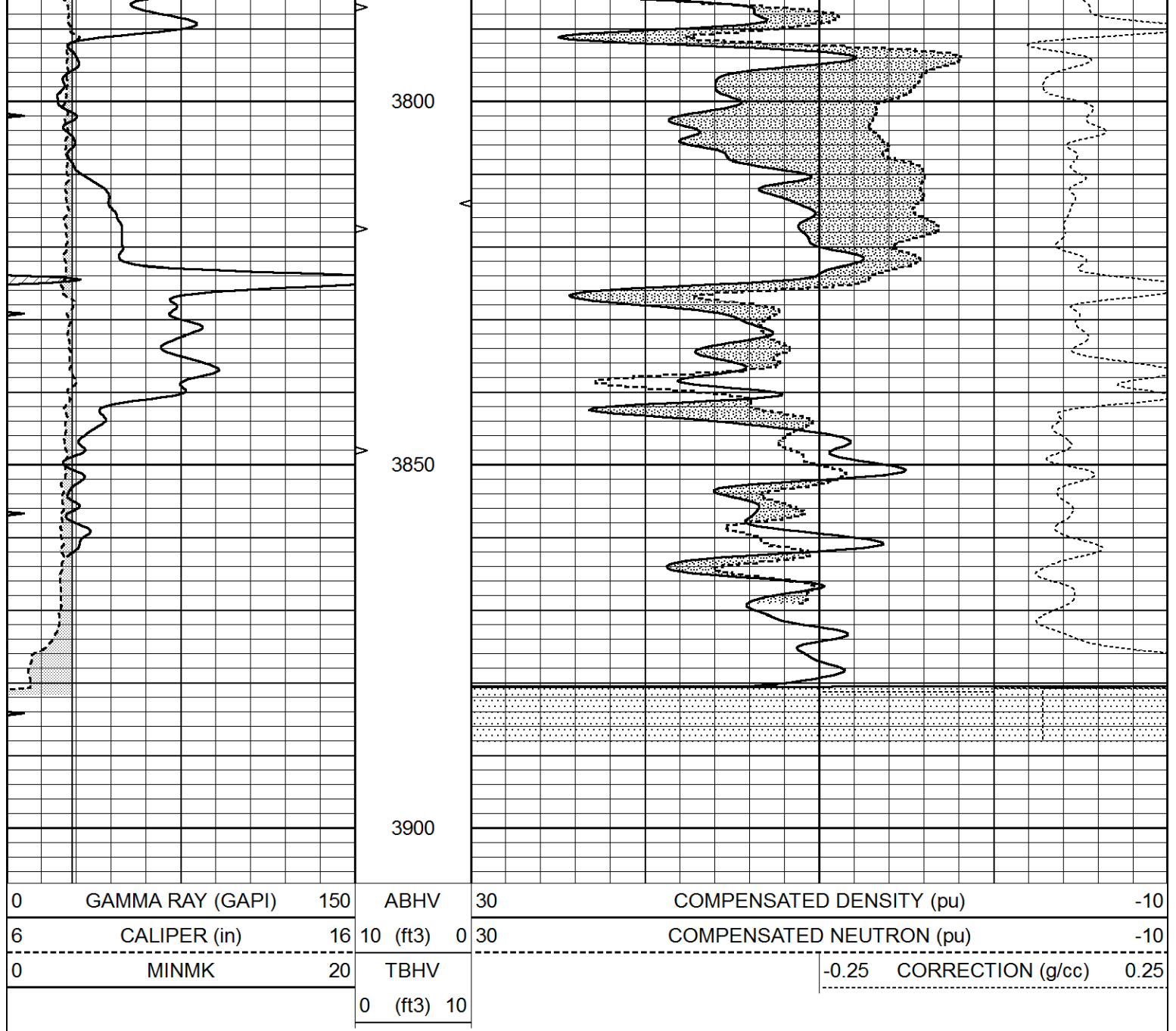




# DOLOMITE MATRIX

Database File 4740ddn.db  
 Dataset Pathname pass2.2  
 Presentation Format den\_neu  
 Dataset Creation Wed Jun 17 17:05:34 2020  
 Charted by Depth in Feet scaled 1:240





### Calibration Report

Database File 4740ddn.db  
 Dataset Pathname pass3.1  
 Dataset Creation Wed Jun 17 17:32:48 2020

### Dual Induction Calibration Report

Serial-Model: FW1410-56-Probe  
 Surface Cal Performed: Mon Jun 15 22:52:02 2020  
 Downhole Cal Performed: Tue Jul 25 12:15:37 2017  
 After Survey Verification Performed: Tue Jul 25 12:15:38 2017

#### Surface Calibration

| Readings  |        |       |   | References |         |        | Results |        |
|-----------|--------|-------|---|------------|---------|--------|---------|--------|
| Loop:     | Air    | Loop  |   | Air        | Loop    |        | m       | b      |
| Deep      | 0.008  | 0.765 | V | 1.000      | 400.000 | mmho/m | 400.061 | -3.201 |
| Medium    | -0.056 | 0.761 | V | 1.000      | 464.000 | mmho/m | 425.187 | 32.510 |
| Internal: | Zero   | Cal   |   | Zero       | Cal     |        | m       | b      |

|                                              |               |           |                                     |         |          |          |         |        |
|----------------------------------------------|---------------|-----------|-------------------------------------|---------|----------|----------|---------|--------|
| Deep                                         | 0.005         | 0.624     | V                                   | 0.000   | 400.000  | mmho/m   | 645.611 | -3.034 |
| Medium                                       | 0.012         | 0.721     | V                                   | 0.000   | 464.000  | mmho/m   | 653.591 | -7.532 |
| Downhole Calibration                         |               |           |                                     |         |          |          |         |        |
| Readings                                     |               |           | References                          |         |          | Results  |         |        |
|                                              | Zero          | Cal       |                                     | Zero    | Cal      |          | m'      | b'     |
| Deep                                         | -0.647        | 301.329   | mmho/m                              | -0.780  | 336.378  | mmho/m   | 1.117   | -0.058 |
| Medium                                       | 38.256        | 411.013   | mmho/m                              | 39.046  | 441.706  | mmho/m   | 1.080   | -2.280 |
| LL3                                          |               | 7.471     | V                                   |         | 2500.000 | Ohm-m    |         |        |
|                                              |               | 0.001     | V                                   |         | 20.000   | Ohm-m    |         |        |
|                                              |               | -7.085    | V                                   |         | 5000.000 | mmho-m   |         |        |
| After Survey Verification                    |               |           |                                     |         |          |          |         |        |
| Readings                                     |               |           | Targets                             |         |          | Results  |         |        |
|                                              | Zero          | Cal       |                                     | Zero    | Cal      |          | m'      | b'     |
| Deep                                         | 0.000         | 0.000     | mmho/m                              | -0.647  | 301.329  | mmho/m   | 1.000   | 0.000  |
| Medium                                       | 0.000         | 0.000     | mmho/m                              | 38.256  | 411.013  | mmho/m   | 1.000   | 0.000  |
| LL3                                          |               | 0.000     | Ohm-m                               |         | 1500.000 | Ohm-m    |         |        |
|                                              |               | 0.000     | Ohm-m                               |         | 20.000   | Ohm-m    |         |        |
|                                              |               | 0.000     | mmho-m                              |         | 3745.000 | mmho-m   |         |        |
| Litho Density Calibration Report             |               |           |                                     |         |          |          |         |        |
| Serial: 140703                               |               |           |                                     |         |          |          |         |        |
| Model: V4_10P                                |               |           |                                     |         |          |          |         |        |
| Source Number: 74GBq-19                      |               |           |                                     |         |          |          |         |        |
| Master Calibration                           |               |           | Performed: Thu May 21 10:43:15 2020 |         |          |          |         |        |
|                                              | Background    | Aluminum  | Magnesium                           |         |          |          |         |        |
| Window 1                                     | 531.08        | 5459.71   | 23833.72                            | cps     |          |          |         |        |
| Window 2                                     | 42.08         | 1230.06   | 5814.64                             | cps     |          |          |         |        |
| Window 4                                     | 232.81        | 1236.34   | 5296.40                             | cps     |          |          |         |        |
| Window 5                                     | 564.62        | 8687.43   | 16546.07                            | cps     |          |          |         |        |
| Window 6                                     | 44.20         | 1453.03   | 2846.27                             | cps     |          |          |         |        |
| Window 8                                     | 270.67        | 2786.28   | 5209.33                             | cps     |          |          |         |        |
| Bulk Density                                 | -             | 2.6020    | 1.6830                              | g/cc    |          |          |         |        |
| Pe                                           | -             | 3.0000    | 2.5070                              | b/e     |          |          |         |        |
| LS Alpha:                                    | : -1.8459     | SS Alpha: | : -0.7701                           | LS CPE: |          | : 1.1427 |         |        |
| LS Beta:                                     | : 125609.8082 | SS Beta:  | : 19396.7594                        | SS CPE: |          | : 1.5007 |         |        |
| Before Survey Background Counts Verification |               |           | Performed: Wed Dec 31 18:00:00 1969 |         |          |          |         |        |
| Window 1                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 2                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 4                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 5                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 6                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 8                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| After Survey Background Counts Verification  |               |           | Performed: Wed Dec 31 18:00:00 1969 |         |          |          |         |        |
| Window 1                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 2                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 4                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 5                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 6                                     | 0.00          | cps       |                                     |         |          |          |         |        |
| Window 8                                     | 0.00          | cps       |                                     |         |          |          |         |        |

