

COMPENSATED  
DENSITY/NEUTRON  
PE/LOG

|                              |                           |                |                     |
|------------------------------|---------------------------|----------------|---------------------|
| Company                      | VINCENT OIL COMPANY       | Company        | VINCENT OIL COMPANY |
| Well                         | OVERMYER #3-9             | Well           | OVERMYER #3-9       |
| Field                        | KINGSDOWN NORTHWEST       | Field          | KINGSDOWN NORTHWEST |
| County                       | FORD                      | County         | FORD                |
| State                        | KANSAS                    | State          | KANSAS              |
| Location:                    | API # : 15-057-21031-0000 | Other Services | DIL/MEL<br>SON      |
| Permanent Datum              | 1334' FNL & 1904 FWL      | Elevation      |                     |
| Log Measured From            | GROUND LEVEL              | Elevation      | 2482                |
| Drilling Measured From       | KELLY BUSHING 12' A.G.L.  | Elevation      | 2492                |
|                              | KELLY BUSHING             | Elevation      | 2482                |
| Date                         | 11/23/19                  |                |                     |
| Run Number                   | ONE                       |                |                     |
| Depth Driller                | 5305                      |                |                     |
| Depth Logger                 | 5306                      |                |                     |
| Bottom Logged Interval       | 5286                      |                |                     |
| Top Log Interval             | 4300                      |                |                     |
| Casing Driller               | 8 5/8" @ 692              |                |                     |
| Casing Logger                | 692                       |                |                     |
| Bit Size                     | 7 7/8"                    |                |                     |
| Type Fluid in Hole           | CHEMICAL MUD              |                |                     |
| Density / Viscosity          | 9.1/5.1                   |                |                     |
| pH / Fluid Loss              | 11.0/8.8                  |                |                     |
| Source of Sample             | FLOWLINE                  |                |                     |
| Rm @ Meas. Temp              | .45 @ 55F                 |                |                     |
| Rmt @ Meas. Temp             | .38 @ 55F                 |                |                     |
| Rmc @ Meas. Temp             | .54 @ 55F                 |                |                     |
| Source of Rmt / Rmc          | MEASURED                  |                |                     |
| Rm @ BHT                     | .19 @ 128F                |                |                     |
| Time Circulation Stopped     | 2 HOURS                   |                |                     |
| Time Logger on Bottom        | ///                       |                |                     |
| Maximum Recorded Temperature | 128F                      |                |                     |
| Equipment Number             | 1523                      |                |                     |
| Location                     | HAYS, KANSAS              |                |                     |
| Recorded By                  | GUS PFANENSTIEL           |                |                     |
| Witnessed By                 | TOM DUDGEON               |                |                     |

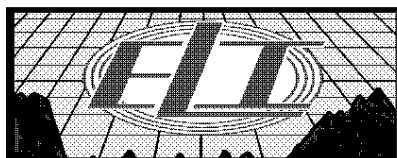
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

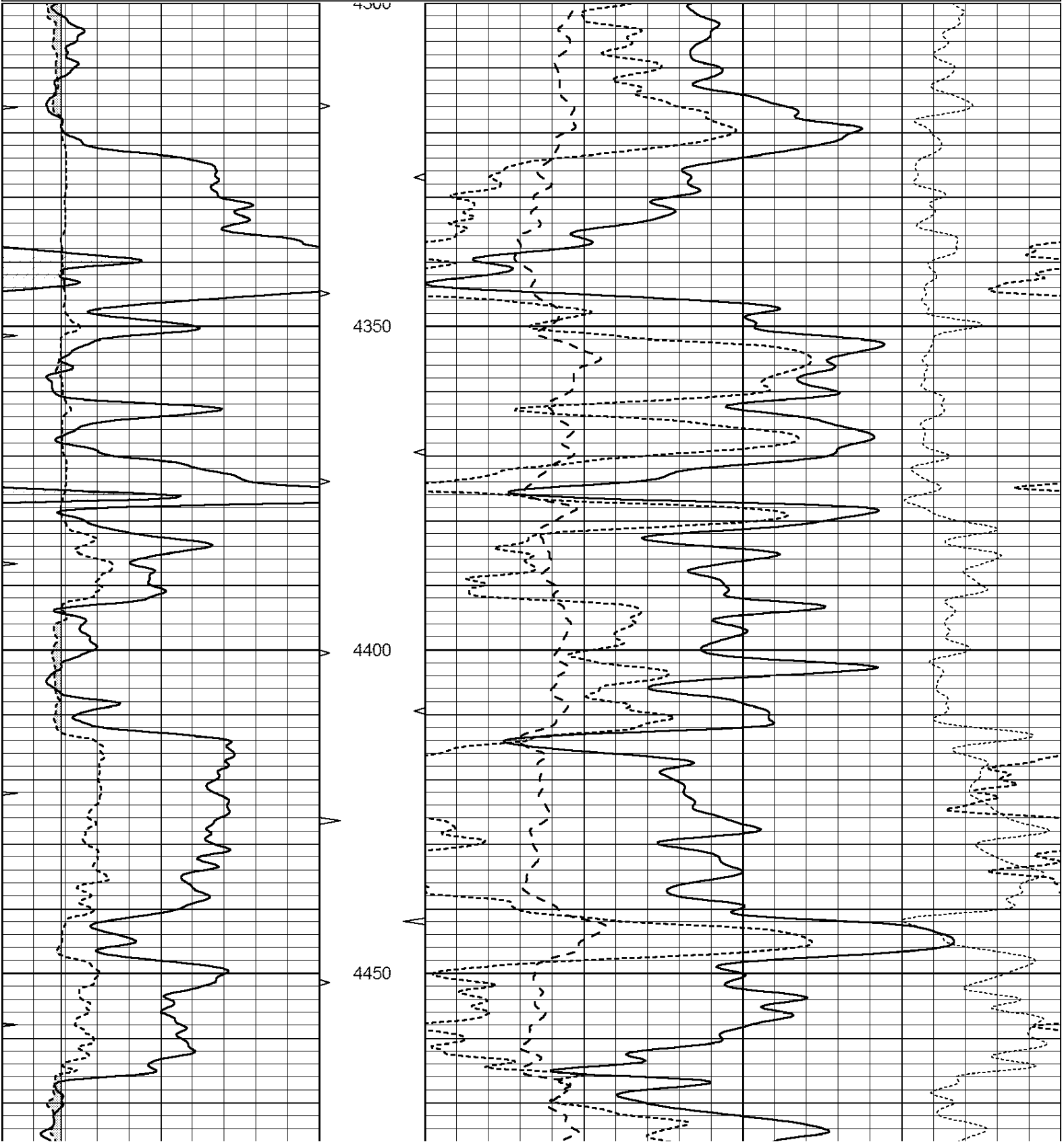
DIRECTIONS  
KINGSDOWN NORTH 1 MILE, EAST 1.5, SOUTH INTO.

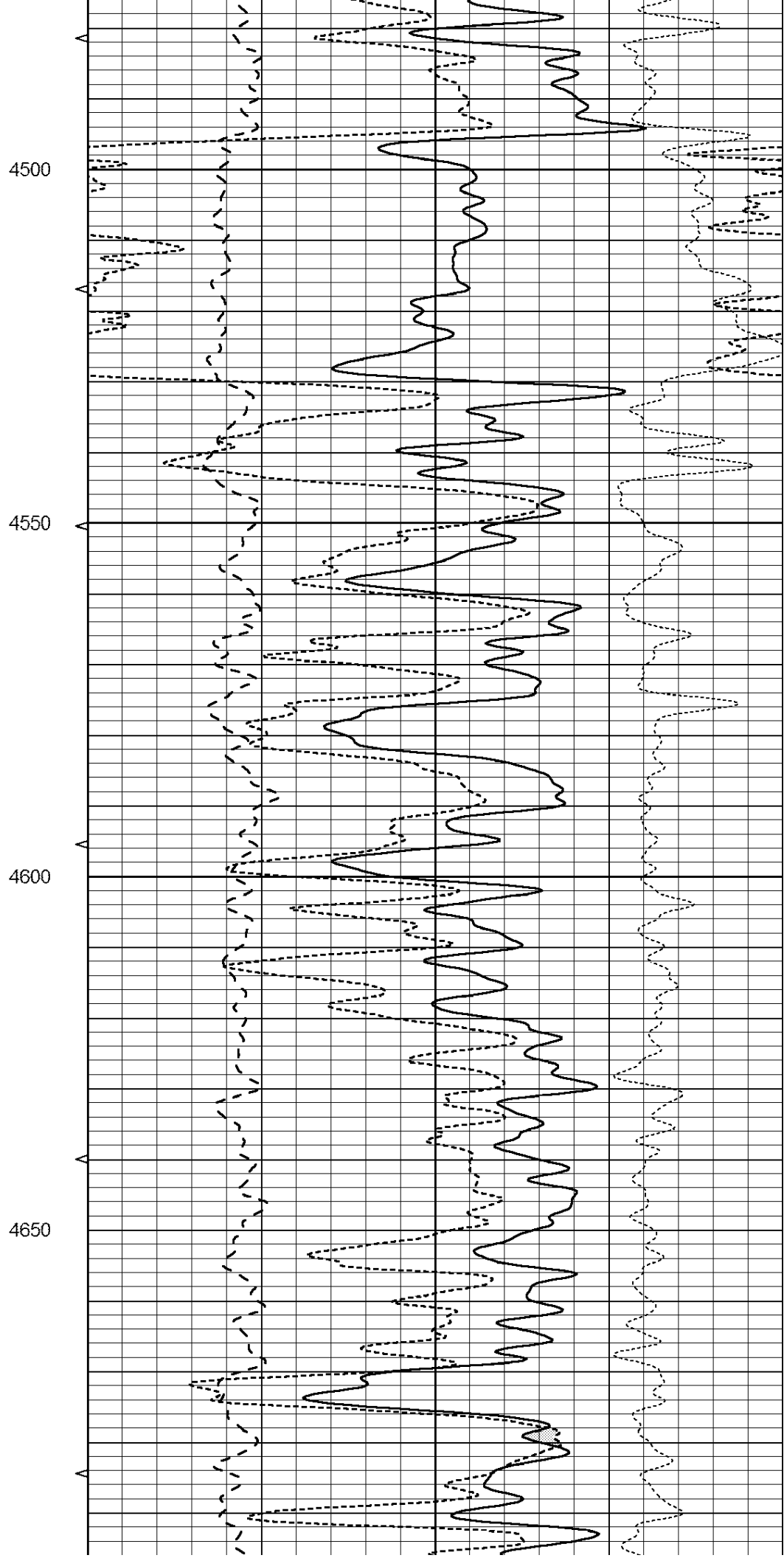
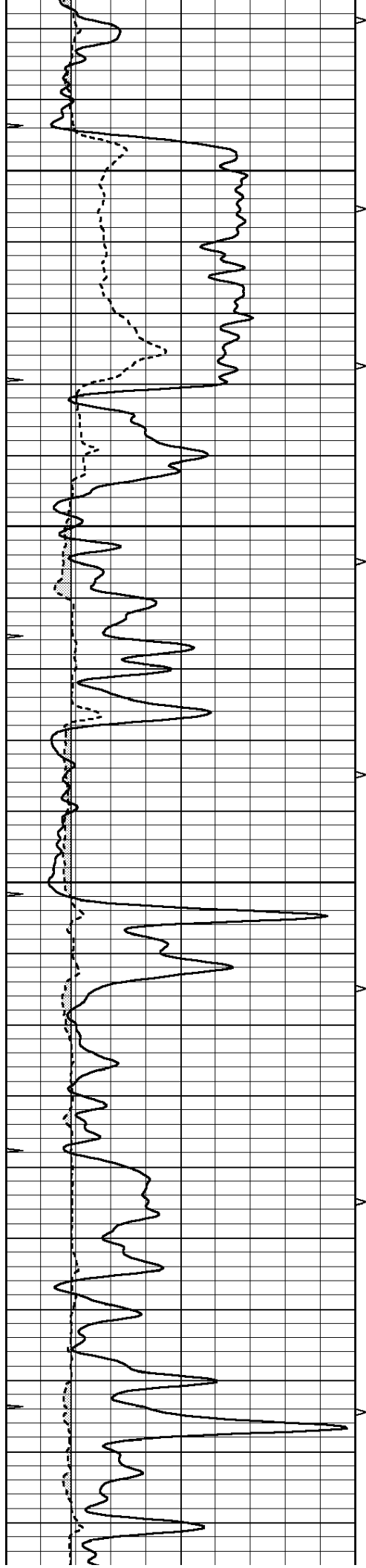


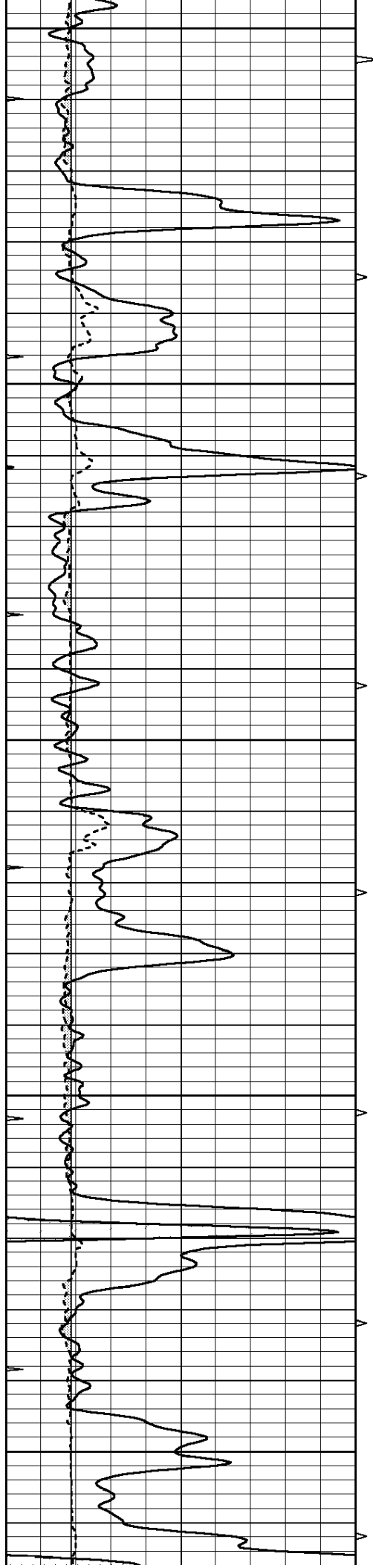
MAIN PASS

Database File: 4462pe.db  
Dataset Pathname: pass5.1  
Presentation Format: \_ldt\_neu  
Dataset Creation: Sat Nov 23 11:42:30 2019  
Charted by: Depth in Feet scaled 1:240

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







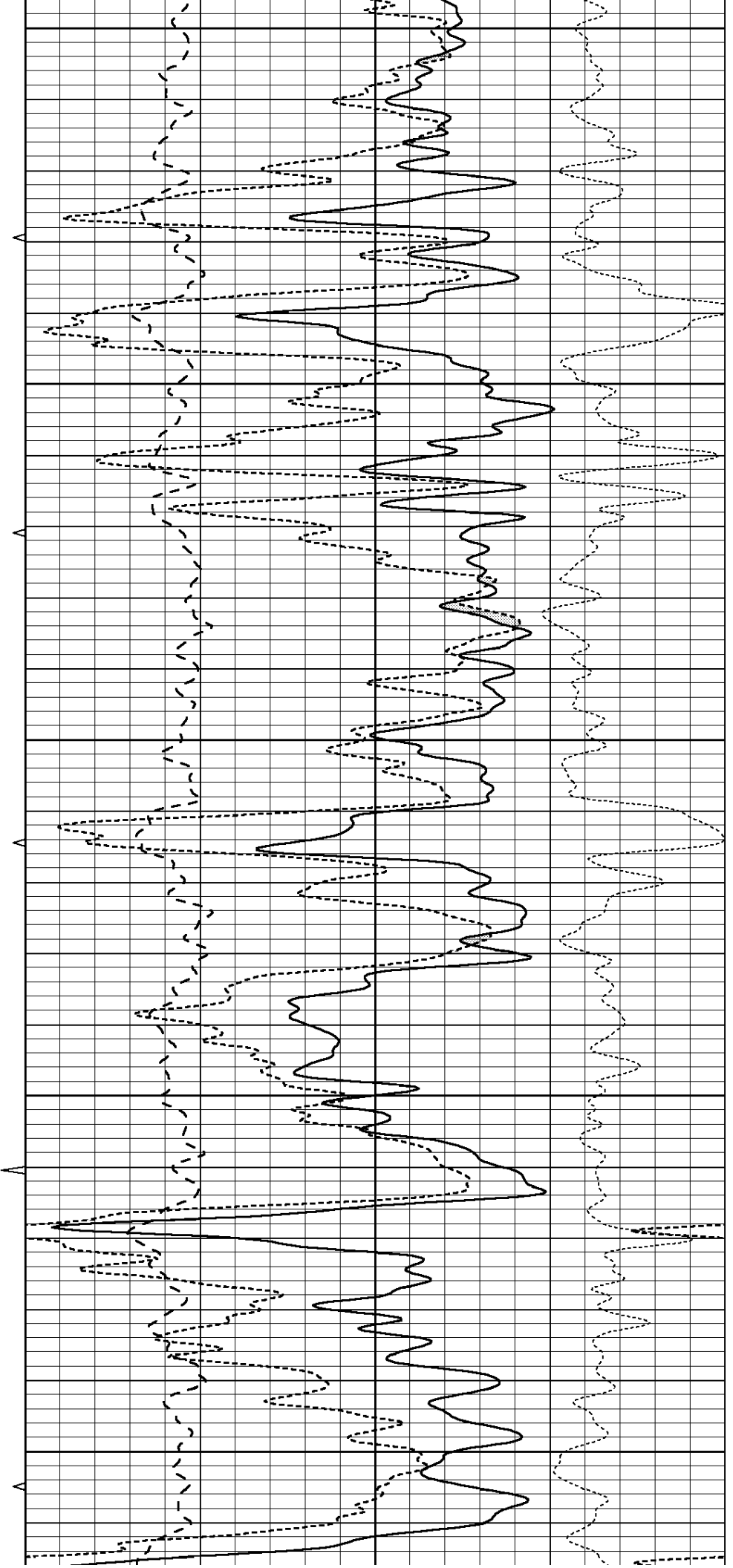
4700

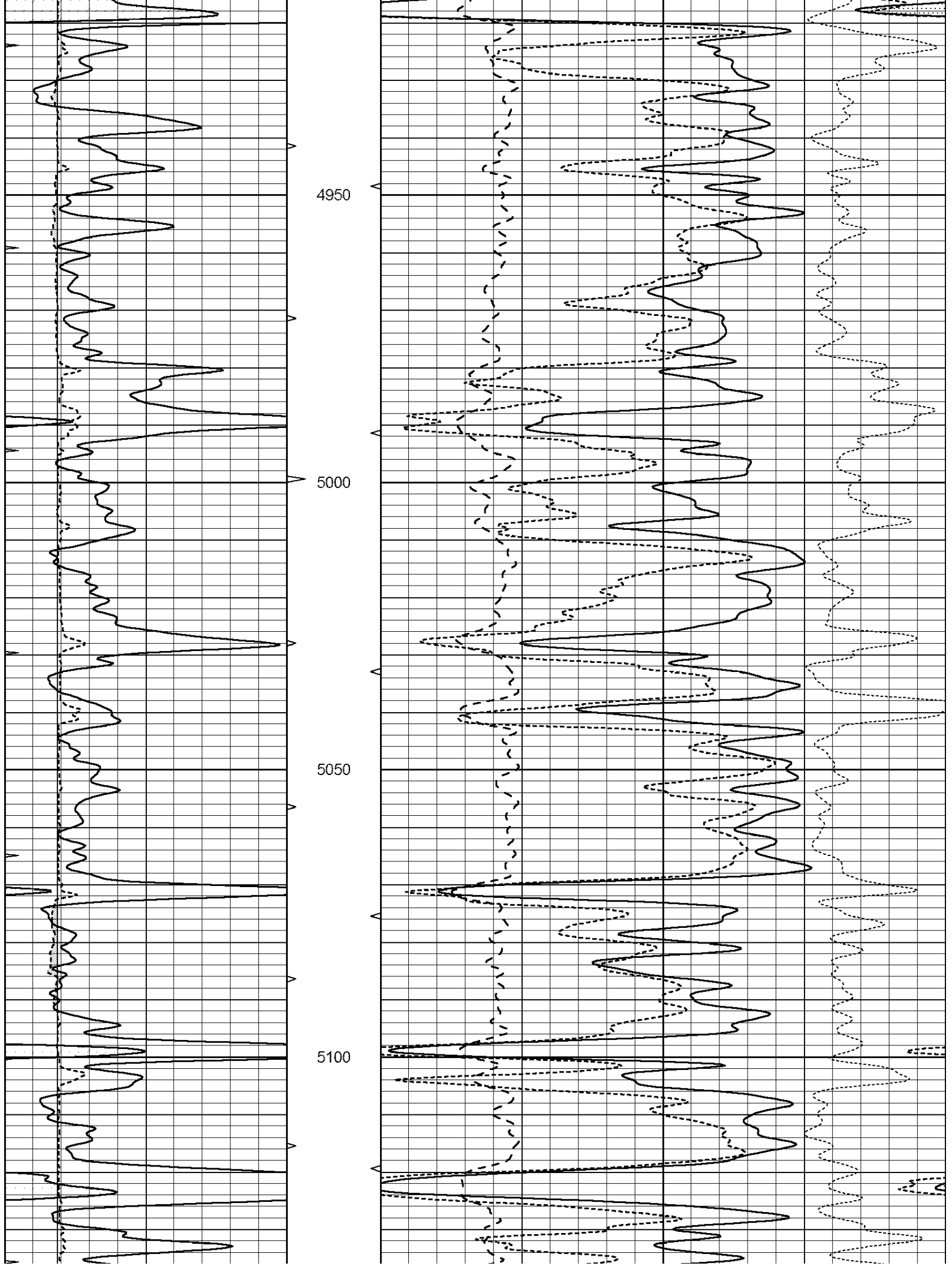
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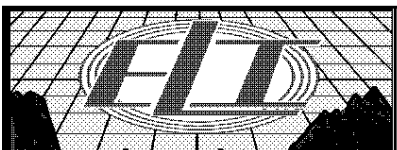
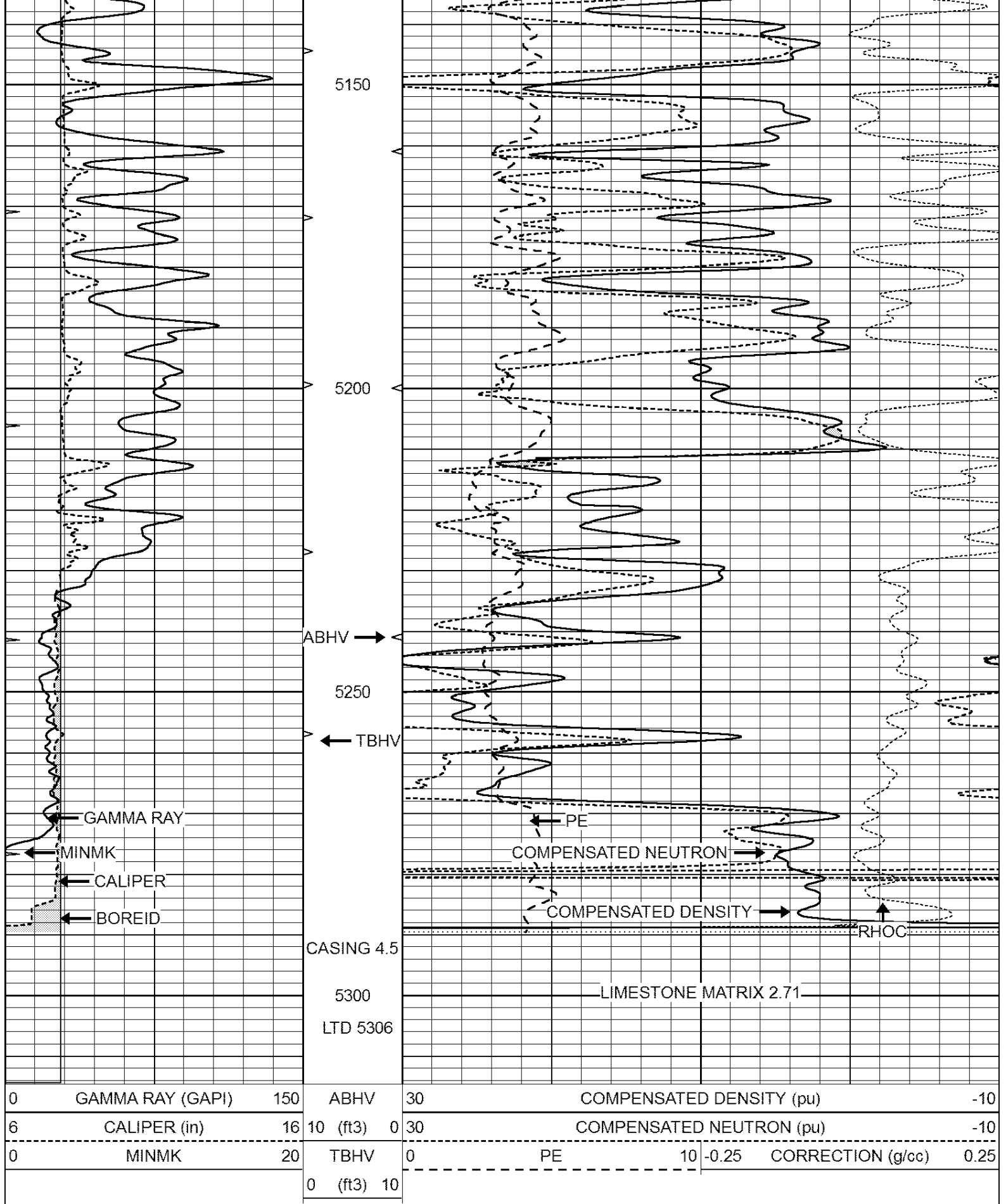
4800

4850

4900



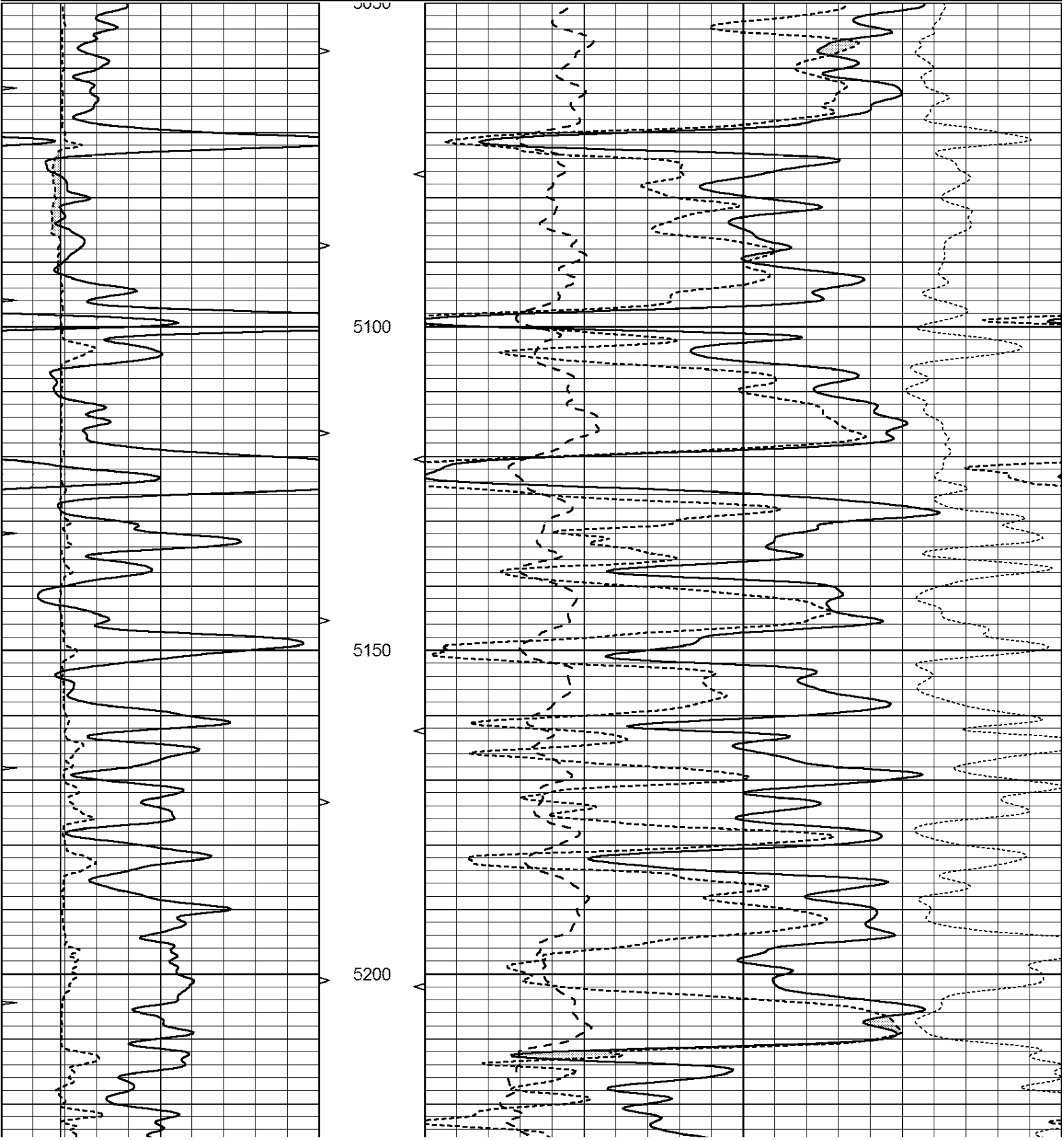


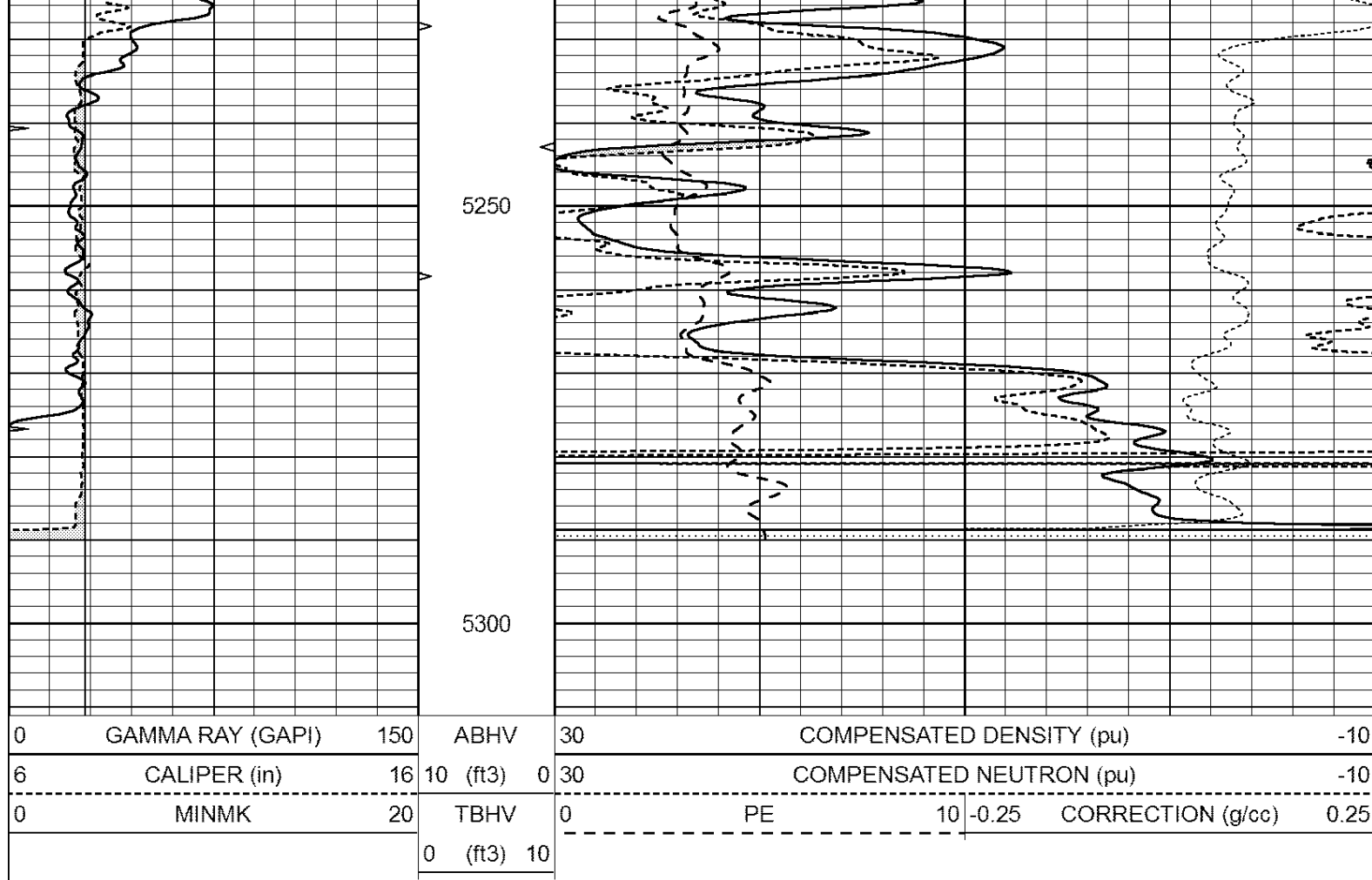


# REPEAT SECTION

Database File: 4462pe.db  
Dataset Pathname: pass4RP  
Presentation Format: \_ldt\_neu  
Dataset Creation: Sat Nov 23 10:05:12 2019 by Calc Open-Cased 090629  
Charted by: Depth in Feet scaled 1:240

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





### Calibration Report

Database File: 4462pe.db  
 Dataset Pathname: pass4RP  
 Dataset Creation: Sat Nov 23 10:05:12 2019 by Calc Open-Cased 090629

### Dual Induction Calibration Report

Serial-Model: PROBE8-DILG  
 Surface Cal Performed: Mon Sep 10 14:28:35 2018  
 Downhole Cal Performed: Mon Sep 10 14:28:38 2018  
 After Survey Verification Performed: Mon Sep 10 14:28:40 2018

#### Surface Calibration

| Readings  |       |       |   | References |         |        | Results |         |
|-----------|-------|-------|---|------------|---------|--------|---------|---------|
| Loop:     | Air   | Loop  |   | Air        | Loop    |        | m       | b       |
| Deep      | 0.015 | 0.648 | V | 0.000      | 400.000 | mmho/m | 620.000 | 0.000   |
| Medium    | 0.029 | 0.796 | V | 0.000      | 464.000 | mmho/m | 590.000 | -12.000 |
| Internal: | Zero  | Cal   |   | Zero       | Cal     |        | m       | b       |
| Deep      | 0.017 | 0.657 | V | 0.000      | 400.000 | mmho/m | 625.153 | -10.619 |
| Medium    | 0.016 | 0.757 | V | 0.000      | 464.000 | mmho/m | 625.992 | -9.739  |

#### Downhole Calibration

| Readings |       |       |        | References |          |        | Results |       |
|----------|-------|-------|--------|------------|----------|--------|---------|-------|
|          | Zero  | Cal   |        | Zero       | Cal      |        | m'      | b'    |
| Deep     | 0.000 | 0.000 | mmho/m | 2.011      | 405.777  | mmho/m | 1.000   | 0.000 |
| Medium   | 0.000 | 0.000 | mmho/m | 7.590      | 503.393  | mmho/m | 1.000   | 0.000 |
| LL3      |       | 7.500 | V      |            | 1500.000 | Ohm-m  |         |       |
|          |       | 0.000 | V      |            | 20.000   | Ohm-m  |         |       |



| CALIBRATION                  |             |                          |          |          |        |               |
|------------------------------|-------------|--------------------------|----------|----------|--------|---------------|
| Detector                     |             | Readings                 |          | Target   |        | Normalization |
| Short Space                  |             | 1.00                     | cps      | 1.00     | cps    | 1.0000        |
| Long Space                   |             | 1.00                     | cps      | 1.00     | cps    | 1.0000        |
| PRE-SURVEY VERIFICATION      |             |                          |          |          |        |               |
| Detector                     |             | Readings                 |          | Measured | Target |               |
| 1)                           | Short Space | cps                      |          | pu       | pu     |               |
|                              | Long Space  | cps                      |          |          |        |               |
| 2)                           | Short Space | cps                      |          | pu       |        |               |
|                              | Long Space  | cps                      |          |          |        |               |
| 3)                           | Short Space | cps                      |          | pu       |        |               |
|                              | Long Space  | cps                      |          |          |        |               |
| POST-SURVEY VERIFICATION     |             |                          |          |          |        |               |
| Detector                     |             | Readings                 |          | Measured | Target |               |
| 1)                           | Short Space | cps                      |          | pu       | pu     |               |
|                              | Long Space  | cps                      |          |          |        |               |
| 2)                           | Short Space | cps                      |          | pu       | pu     |               |
|                              | Long Space  | cps                      |          |          |        |               |
| 3)                           | Short Space | cps                      |          | pu       | pu     |               |
|                              | Long Space  | cps                      |          |          |        |               |
| Gamma Ray Calibration Report |             |                          |          |          |        |               |
| Serial Number:               |             | GR6                      |          |          |        |               |
| Tool Model:                  |             | OPEN                     |          |          |        |               |
| Performed:                   |             | Wed Jul 03 12:57:34 2019 |          |          |        |               |
| Calibrator Value:            |             | 150.0                    | GAPI     |          |        |               |
| Background Reading:          |             | 0.0                      | cps      |          |        |               |
| Calibrator Reading:          |             | 276.0                    | cps      |          |        |               |
| Sensitivity:                 |             | 0.5700                   | GAPI/cps |          |        |               |