



## MICRO LOG

|                                      |                                                                        |                     |
|--------------------------------------|------------------------------------------------------------------------|---------------------|
| Company                              | DOWNING - NELSON OIL COMPANY                                           |                     |
| Well                                 | VELMA UNIT #1-14                                                       |                     |
| Field                                | COTTON EAST                                                            |                     |
| County                               | TREGO                                                                  |                     |
| State                                | KANSAS                                                                 |                     |
| Company                              | DOWNING - NELSON OIL COMPANY, INC.                                     |                     |
| Well                                 | VELMA UNIT #1-14                                                       |                     |
| Field                                | COTTON EAST                                                            |                     |
| County                               | TREGO                                                                  |                     |
| State                                | KANSAS                                                                 |                     |
| Location:                            | API # : 15-195-23122-0000<br>140' FNL & 2195' FEL<br>NE - NW - NW - NE |                     |
| Permanent Datum                      | GROUND LEVEL                                                           | Elevation 2344      |
| Log Measured From                    | KELLY BUSHING                                                          | 8' A.G.L.           |
| Drilling Measured From               | KELLY BUSHING                                                          |                     |
| SEC 14 TWP 12S RGE 21W               |                                                                        |                     |
| Other Services<br>CDL/CNL<br>DIL/SON |                                                                        |                     |
| Elevation                            |                                                                        |                     |
| K.B. 2352<br>D.F. 2350<br>G.L. 2344  |                                                                        |                     |
| Date                                 | 6/12/21                                                                |                     |
| Run Number                           | TWO                                                                    |                     |
| Depth Driller                        | 4118                                                                   |                     |
| Depth Logger                         | 4119                                                                   |                     |
| Bottom Logged Interval               | 4103                                                                   |                     |
| Top Log Interval                     | 3200                                                                   |                     |
| Casing Driller                       | 8 5/8"@224'                                                            |                     |
| Casing Logger                        | 224                                                                    |                     |
| Bit Size                             | 7 7/8"                                                                 |                     |
| Type Fluid in Hole                   | CHEMICAL MUD                                                           | CHLORIDES 4.000 PPM |
| Density / Viscosity                  | 9.3/56                                                                 |                     |
| pH / Fluid Loss                      | 10.5/9.4                                                               |                     |
| Source of Sample                     | FLOWLINE                                                               |                     |
| Rm @ Meas. Temp                      | .650@90F                                                               |                     |
| Rmf @ Meas. Temp                     | .488@90F                                                               |                     |
| Rmc @ Meas. Temp                     | .780@90F                                                               |                     |
| Source of Rmf / Rmc                  | MEASUREMENT                                                            |                     |
| Rm @ BHT                             | .500@117F                                                              |                     |
| Time Circulation Stopped             | 4 HOURS                                                                |                     |
| Time Logger on Bottom                | 10:15 P.M.                                                             |                     |
| Maximum Recorded Temperature         | 117F                                                                   |                     |
| Equipment Number                     | 922339                                                                 |                     |
| Location                             | HAYS, KANSAS                                                           |                     |
| Recorded By                          | JEFF LUEBBERS                                                          |                     |
| Witnessed By                         | RON NELSON                                                             |                     |

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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.

15-195-23122-0000

Comments

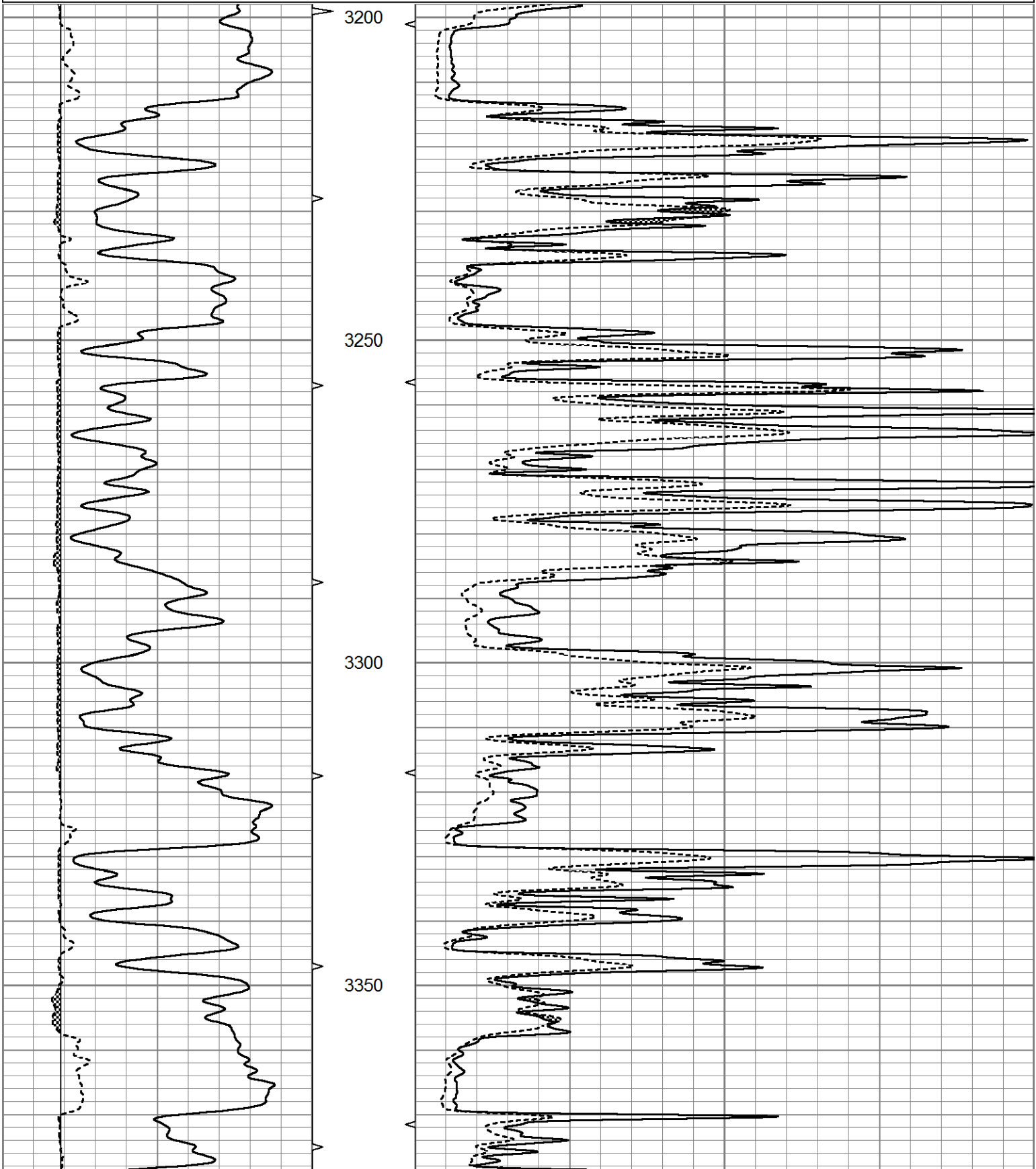
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395  
DIRECTIONS  
ELLIS, KS. & I-70, N. TO CURVE, "LOCUST GROVE RD.", W. TO "400 AVE.", 2N., W. INTO ON TRAIL

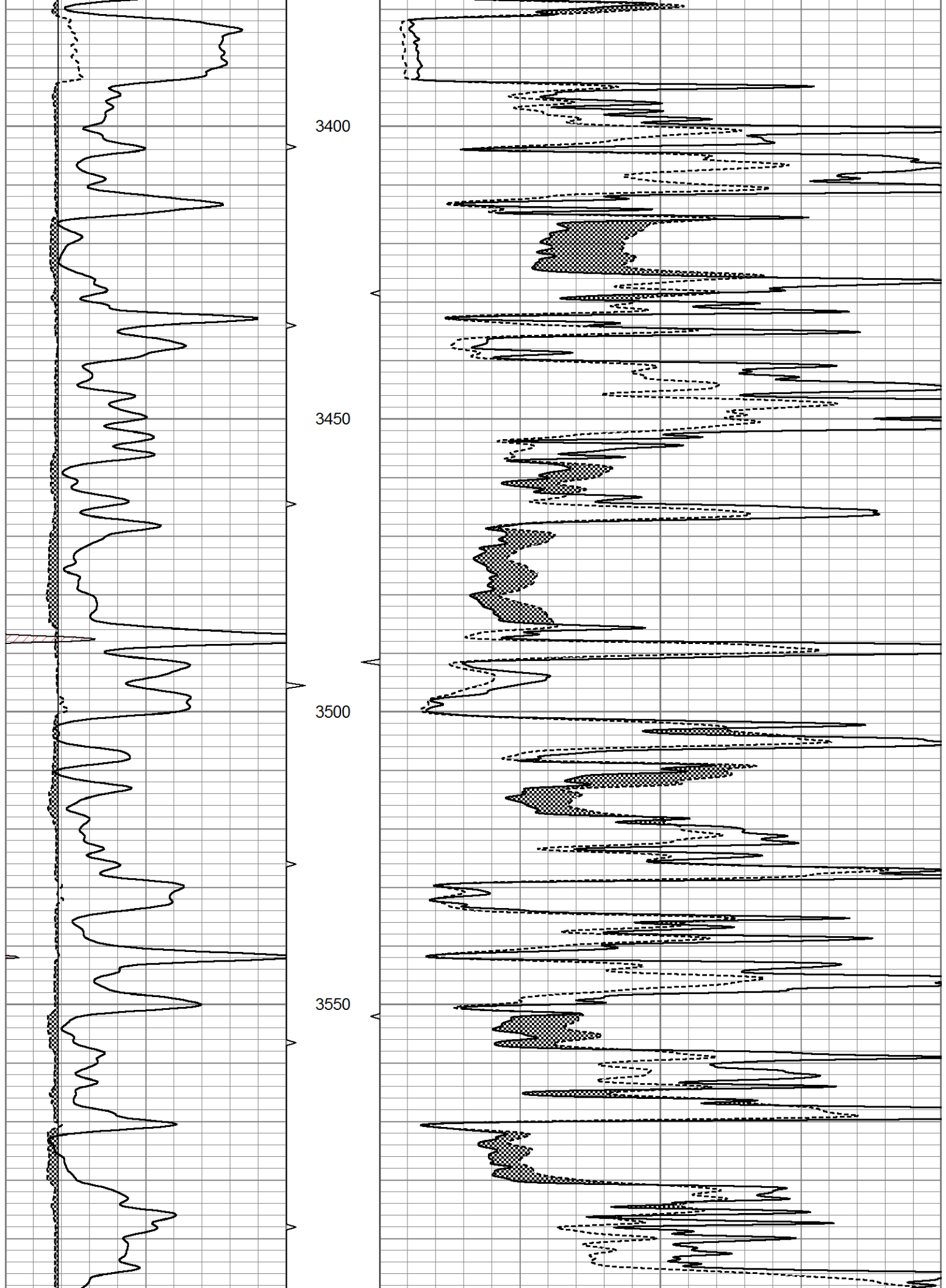


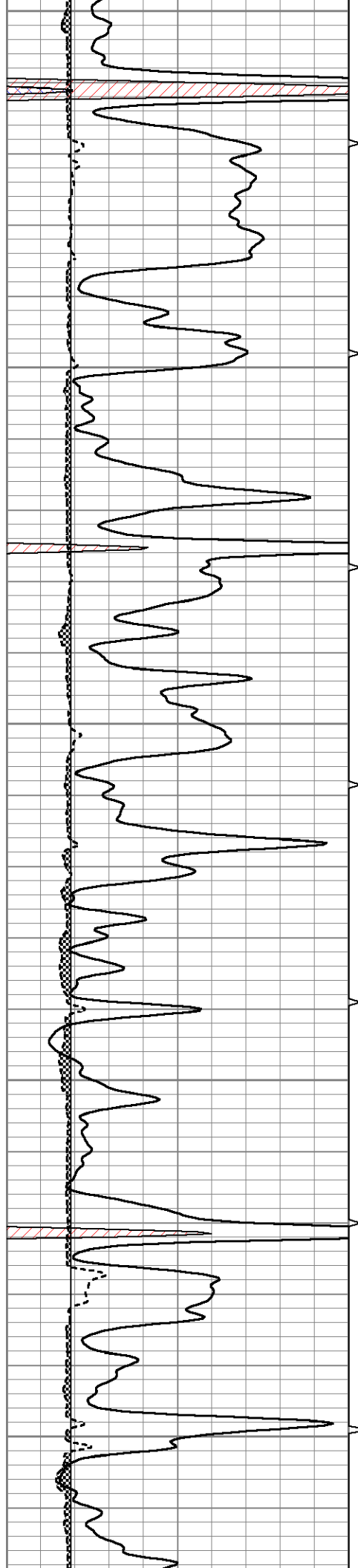
# MAIN SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 5576ddn.db                 |
| Dataset Pathname    | pass6.3                    |
| Presentation Format | micro                      |
| Dataset Creation    | Sat Jun 12 22:46:53 2021   |
| Charted by          | Depth in Feet scaled 1:240 |

|   |             |     |            |   |               |    |
|---|-------------|-----|------------|---|---------------|----|
| 0 | GR (GAPI)   | 150 | ABHV       | 0 | MEL20 (Ohm-m) | 40 |
| 6 | MELCAL (in) | 16  | 10 (ft3)   | 0 | MEL15 (Ohm-m) | 40 |
|   |             |     | ABHV       |   |               |    |
|   |             |     | 0 (ft3) 10 |   |               |    |







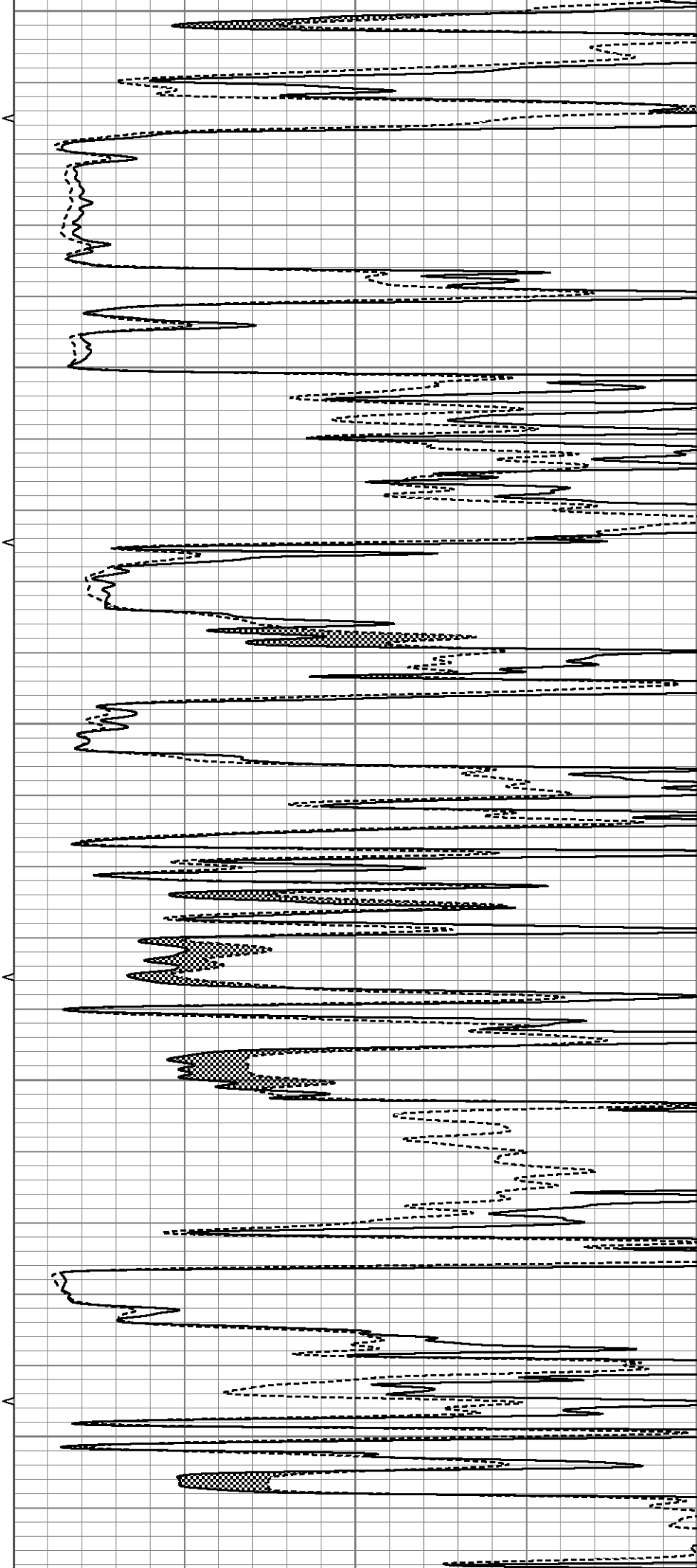
3600

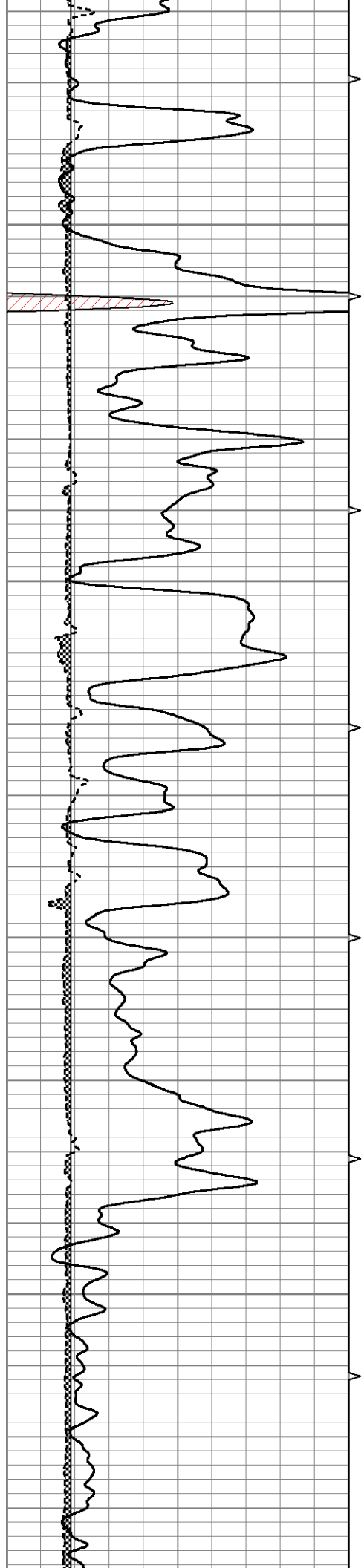
3650

3700

3750

3800



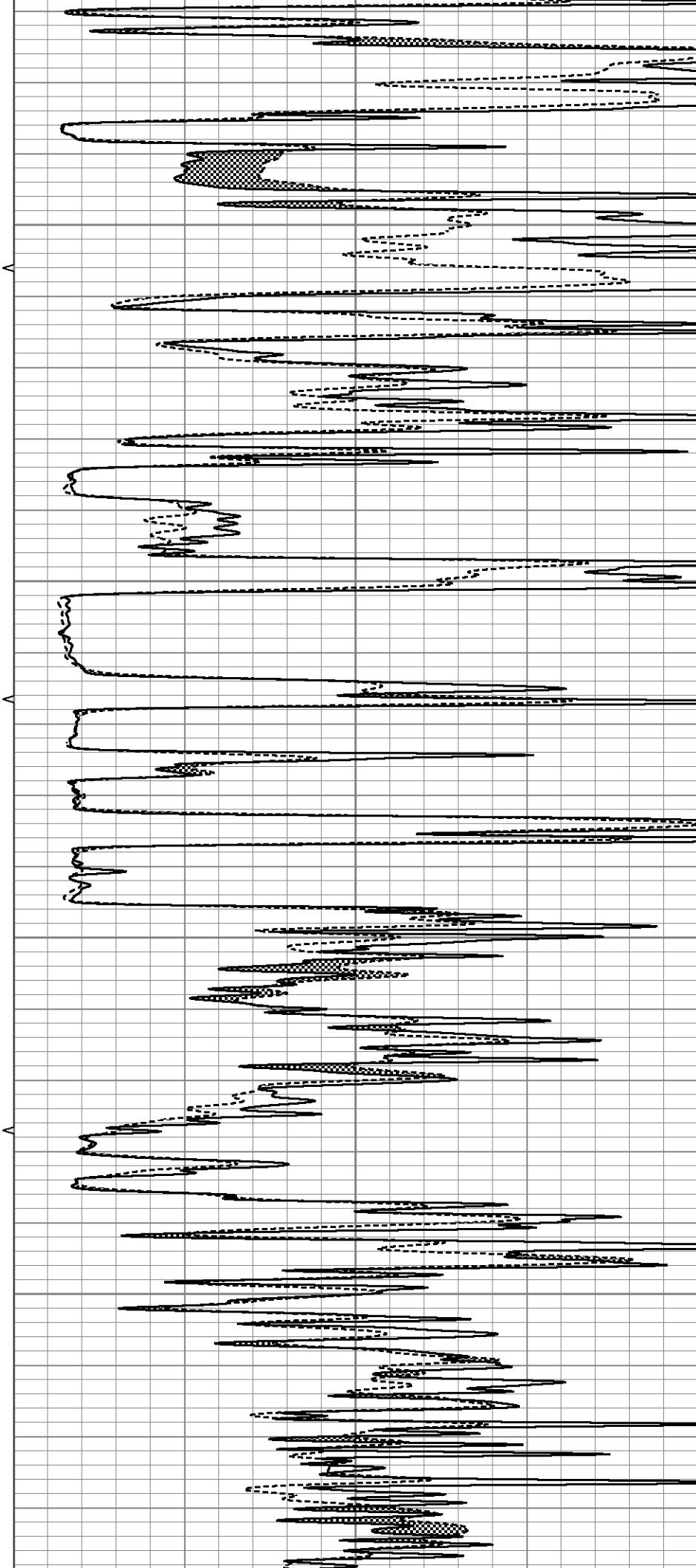


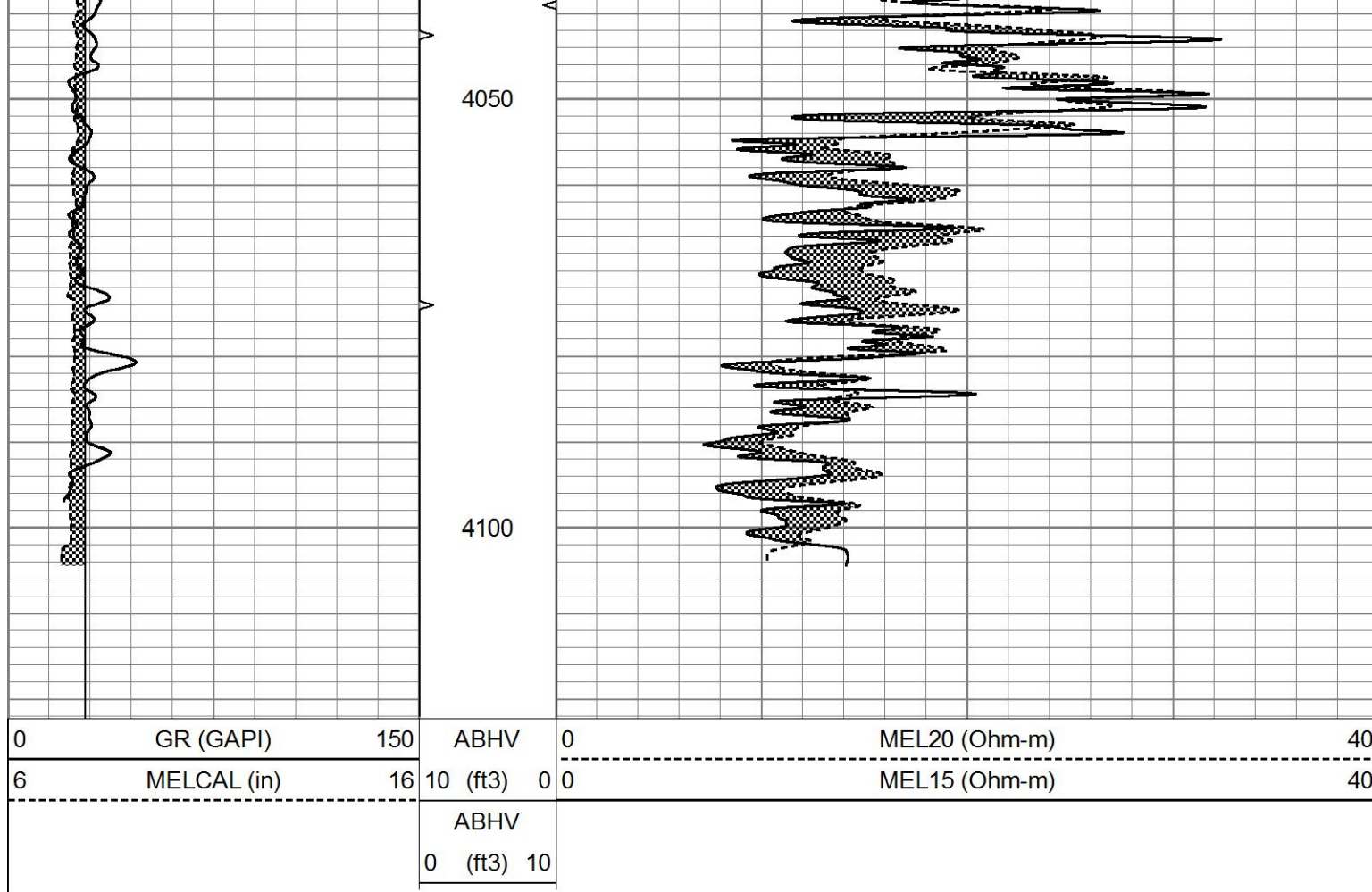
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3900

3950

4000

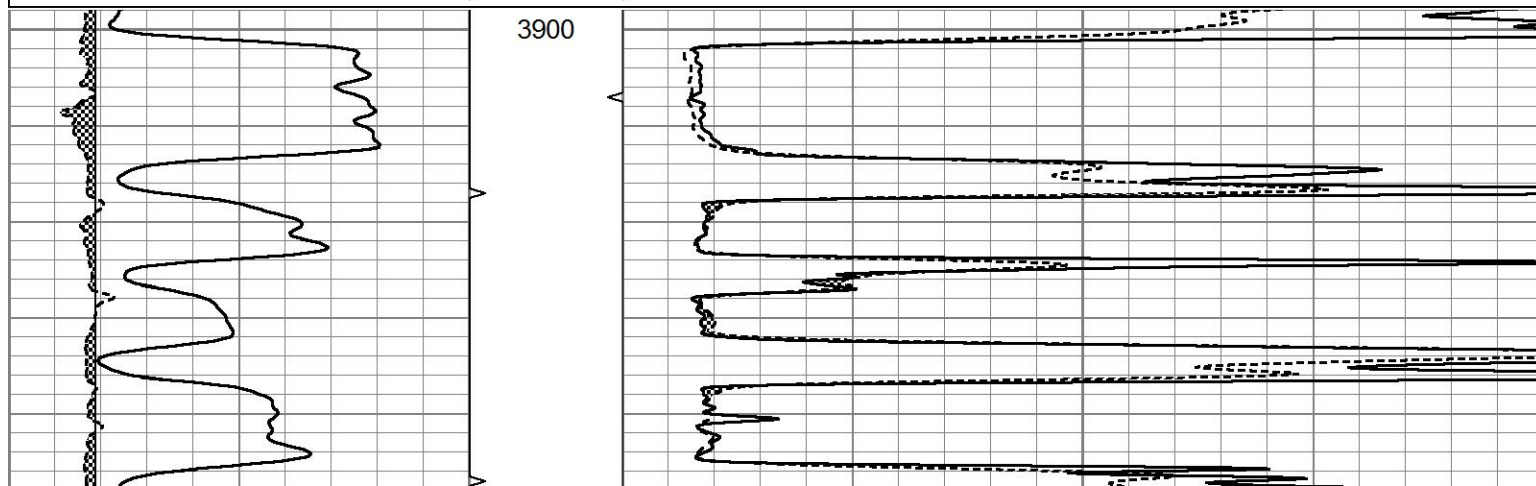


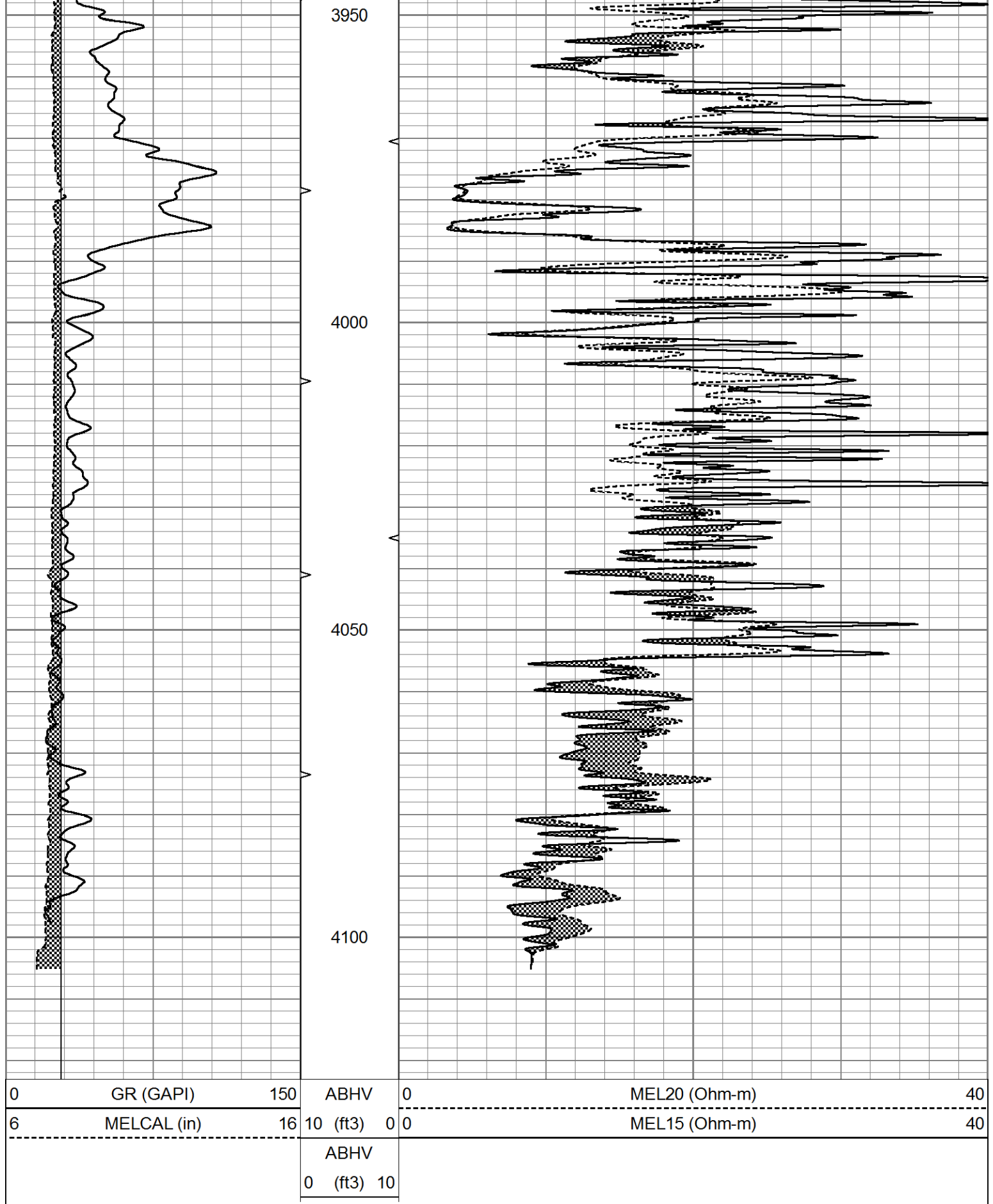


# REPEAT SECTION

Database File 5576ddn.db  
 Dataset Pathname pass5.2  
 Presentation Format micro  
 Dataset Creation Sat Jun 12 22:22:50 2021  
 Charted by Depth in Feet scaled 1:240

|   |             |     |            |   |               |    |
|---|-------------|-----|------------|---|---------------|----|
| 0 | GR (GAPI)   | 150 | ABHV       | 0 | MEL20 (Ohm-m) | 40 |
| 6 | MELCAL (in) | 16  | 10 (ft3) 0 | 0 | MEL15 (Ohm-m) | 40 |
|   |             |     | ABHV       |   |               |    |
|   |             |     | 0 (ft3) 10 |   |               |    |





### Calibration Report

Database File 5576ddn.db  
 Dataset Pathname pass6.3  
 Dataset Creation Sat Jun 12 22:46:53 2021

## MICRO Calibration Report

|                |                          |
|----------------|--------------------------|
| Serial Number: | 070912                   |
| Tool Model:    | ProbeN                   |
| Performed:     | Thu Jun 10 23:36:23 2021 |

|                      |            |              |
|----------------------|------------|--------------|
| Caliper Calibration: | Gain=3.478 | Offset=0.696 |
| References           | Low Cal    | High Cal     |
| Readings             | 8.000      | 16.000       |
|                      | 2.100      | 4.400        |

|                   |             |              |
|-------------------|-------------|--------------|
| 1.5" Calibration: | Gain=30.000 | Offset=0.500 |
| References        | Low Cal     | High Cal     |
| Readings          | 0.000       | 20.000       |
|                   | 0.002       | 1.239        |

|                 |             |               |
|-----------------|-------------|---------------|
| 2" Calibration: | Gain=50.000 | Offset=-0.200 |
| References      | Low Cal     | High Cal      |
| Readings        | 0.000       | 20.000        |
|                 | 0.003       | 1.075         |

## Gamma Ray Calibration Report

|                     |                          |          |
|---------------------|--------------------------|----------|
| Serial Number:      | 070559                   |          |
| Tool Model:         | OPEN_GR                  |          |
| Performed:          | Wed Apr 21 02:21:11 2021 |          |
| Calibrator Value:   | 1.0                      | GAPI     |
| Background Reading: | 0.0                      | cps      |
| Calibrator Reading: | 1.0                      | cps      |
| Sensitivity:        | 0.3500                   | GAPI/cps |