



**COMPLETION  
& PRODUCTION  
SERVICES CO.**

**MICRO  
LOG**

|                                            |                            |                     |                                                  |
|--------------------------------------------|----------------------------|---------------------|--------------------------------------------------|
| Company                                    | MAI OIL OPERATIONS, INC.   |                     |                                                  |
| Well                                       | G.D. MAIER #10             |                     |                                                  |
| Field                                      | TRAPP                      |                     |                                                  |
| County                                     | RUSSELL                    | State               | KANSAS                                           |
| Location:                                  | API # : 15-167-24004-00-00 |                     | Other Services<br>CNL/CDL<br>DIL                 |
| 1610' FNL & 1300' FEL<br>NW - NW - SE - NE |                            |                     |                                                  |
| SEC 15 TWP 15S RGE 14W                     |                            |                     | Elevation<br>K.B. 1803<br>D.F. 1801<br>G.L. 1795 |
| Permanent Datum                            | GROUND LEVEL               |                     |                                                  |
| Log Measured From                          | KELLY BUSHING 8' A.G.L.    |                     |                                                  |
| Drilling Measured From                     | KELLY BUSHING              |                     |                                                  |
| Date                                       | 12/3/14                    |                     |                                                  |
| Run Number                                 | TWO                        |                     |                                                  |
| Depth Driller                              | 3310                       |                     |                                                  |
| Depth Logger                               | 3312                       |                     |                                                  |
| Bottom Logged Interval                     | 3310                       |                     |                                                  |
| Top Log Interval                           | 2300                       |                     |                                                  |
| Casing Driller                             | 8 5/8 @ 516'               |                     |                                                  |
| Casing Logger                              | 515'                       |                     |                                                  |
| Bit Size                                   | 7.875                      |                     |                                                  |
| Type Fluid in Hole                         | CHEMICAL MUD               |                     |                                                  |
| Density / Viscosity                        | 9.4/68                     | CHLORIDES 7,000 PPM |                                                  |
| pH / Fluid Loss                            | 10.0/8.8                   |                     |                                                  |
| Source of Sample                           | FLOWLINE                   |                     |                                                  |
| Rm @ Meas. Temp                            | 0.70 @ 66F                 |                     |                                                  |
| Rmf @ Meas. Temp                           | 0.52 @ 66F                 |                     |                                                  |
| Rmc @ Meas. Temp                           | 0.84 @ 66F                 |                     |                                                  |
| Source of Rmf / Rmc                        | MEASURED                   |                     |                                                  |
| Rm @ BHT                                   | 0.42 @ 110F                |                     |                                                  |
| Time Circulation Stopped                   | 2 HOURS                    |                     |                                                  |
| Time Logger on Bottom                      |                            |                     |                                                  |
| Maximum Recorded Temperature               | 110F                       |                     |                                                  |
| Equipment Number                           | 3802                       |                     |                                                  |
| Location                                   | HAYS, KS.                  |                     |                                                  |
| Recorded By                                | IAN MABB                   |                     |                                                  |
| Witnessed By                               | WMATT URBAN                |                     |                                                  |

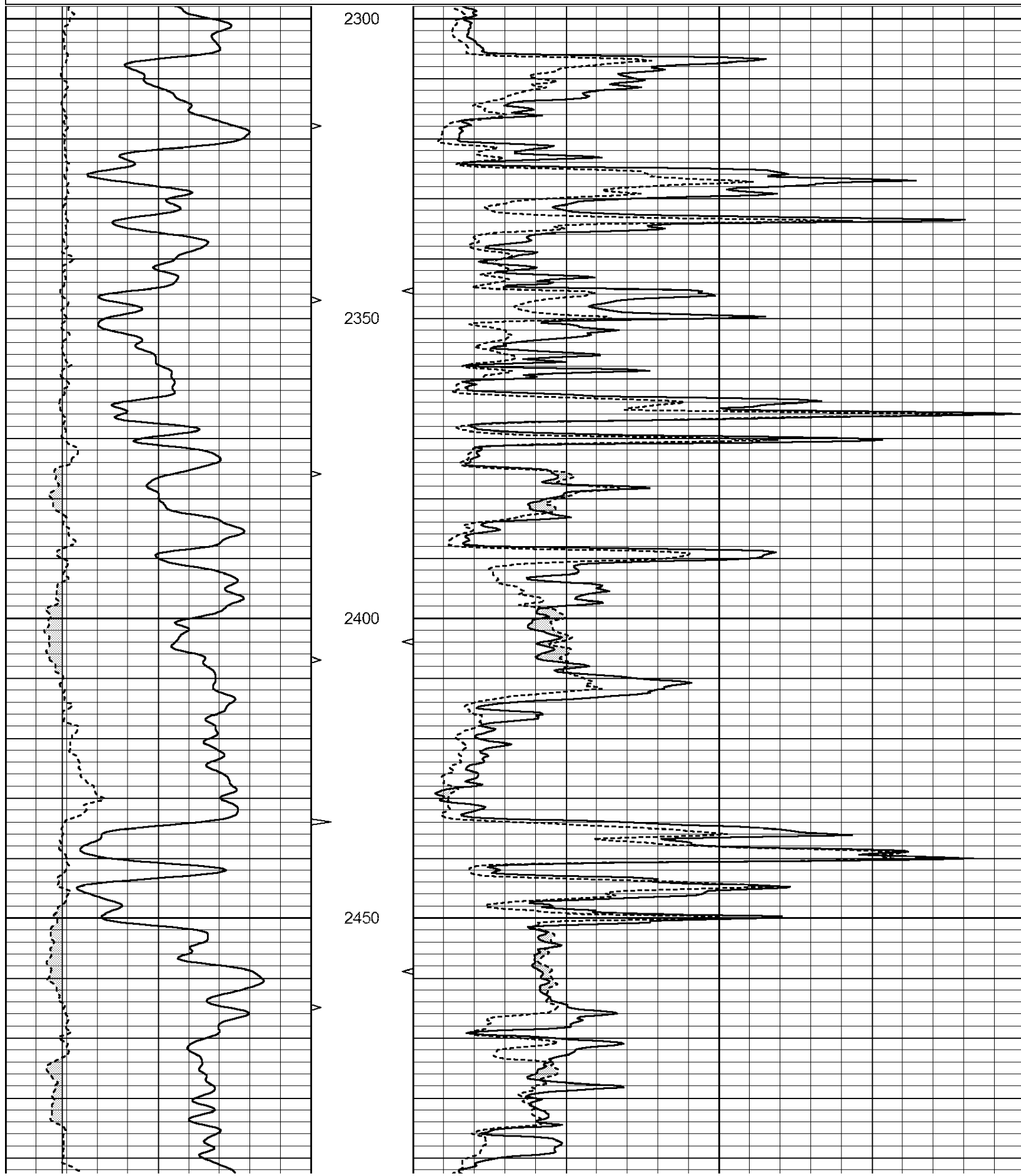
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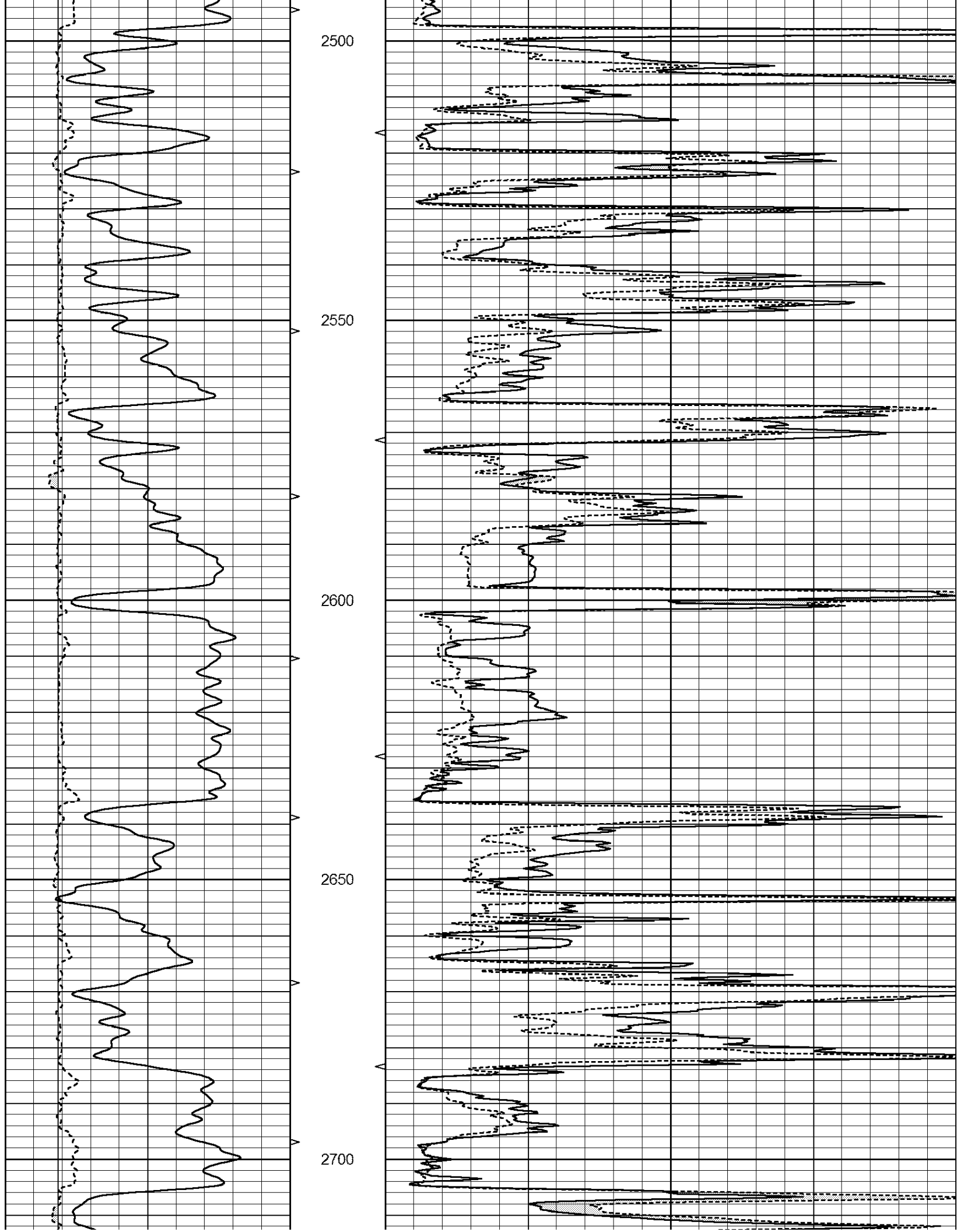
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

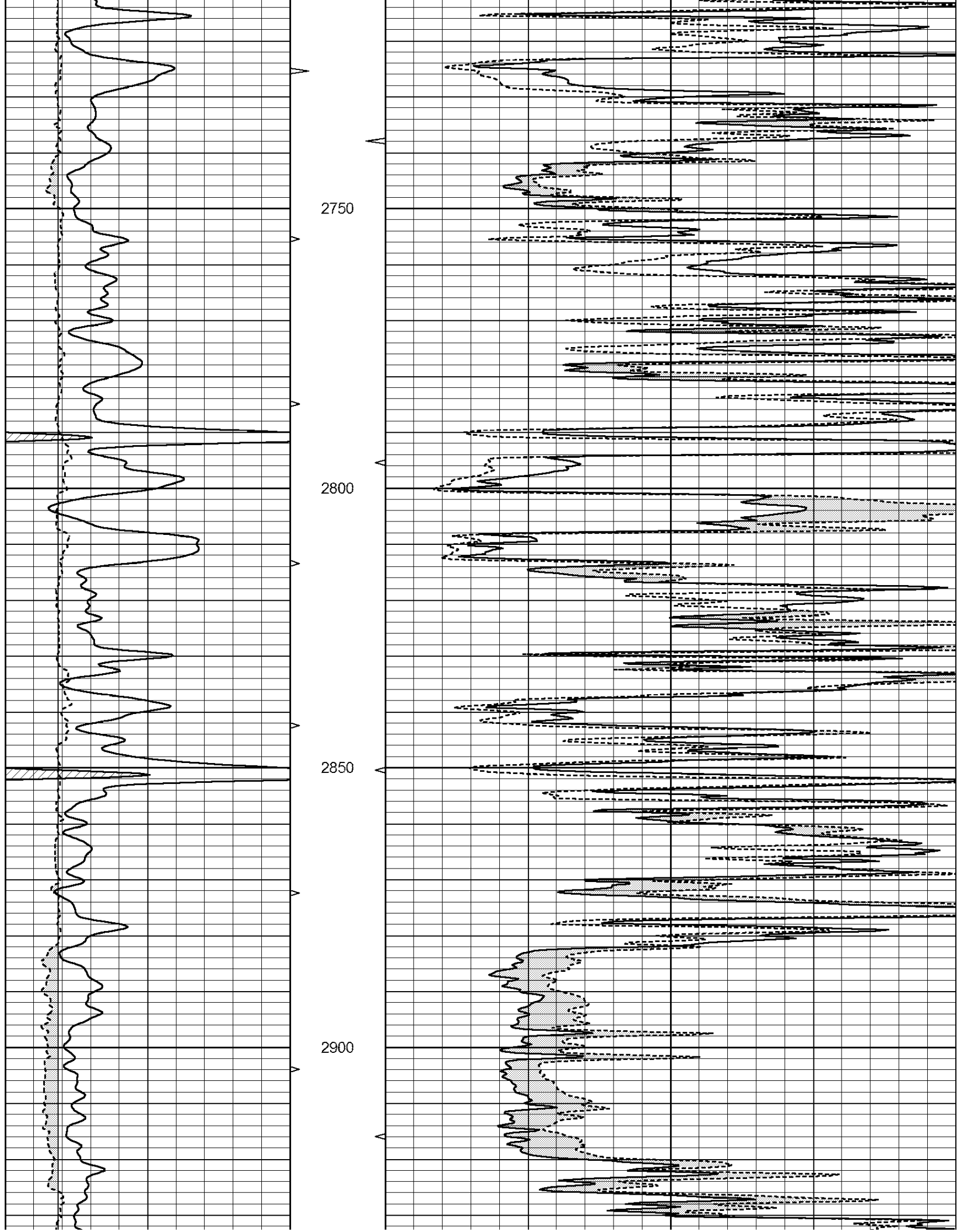
Comments

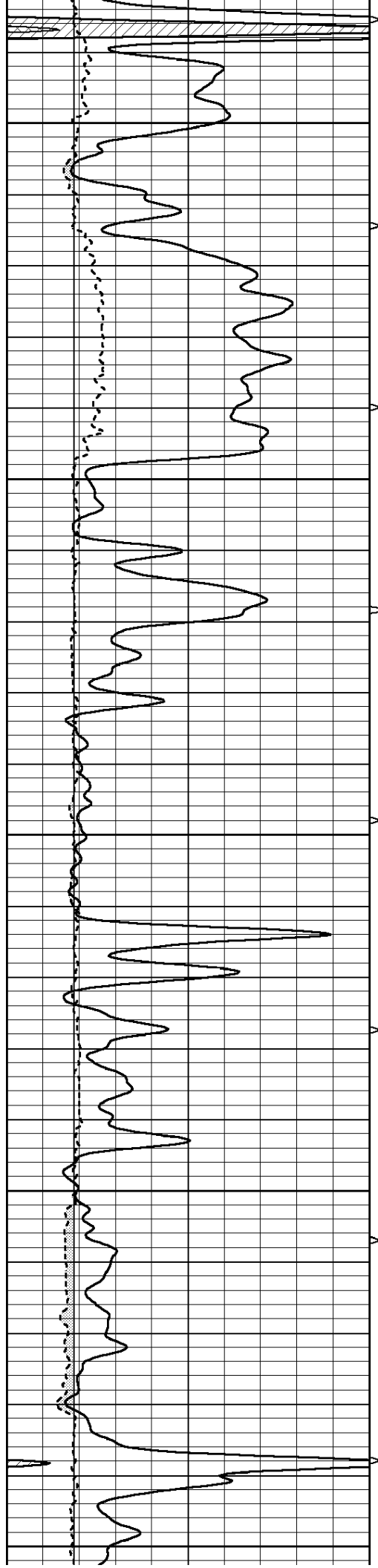
NABORS COMPLETION & PRODUCTION SERVICES CO.  
785 ( 628 - 6395 )  
THANK YOU FOR YOUR BUSINESS  
DIRECTIONS : RUSSELL, KS. - SOUTH 6 MILES TO MITCHELL RD. - WEST 1/2 MILE - SOUTH INTO

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









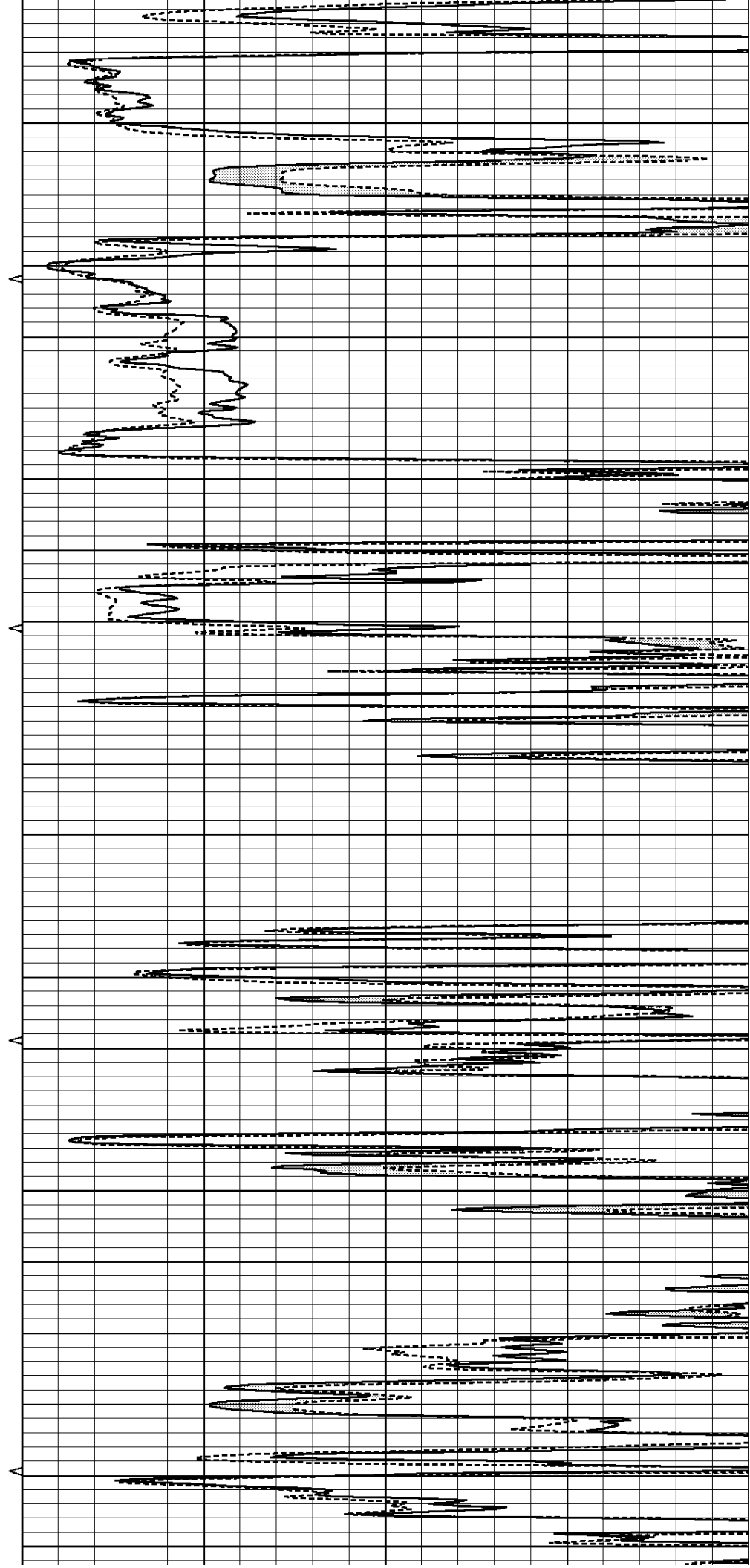
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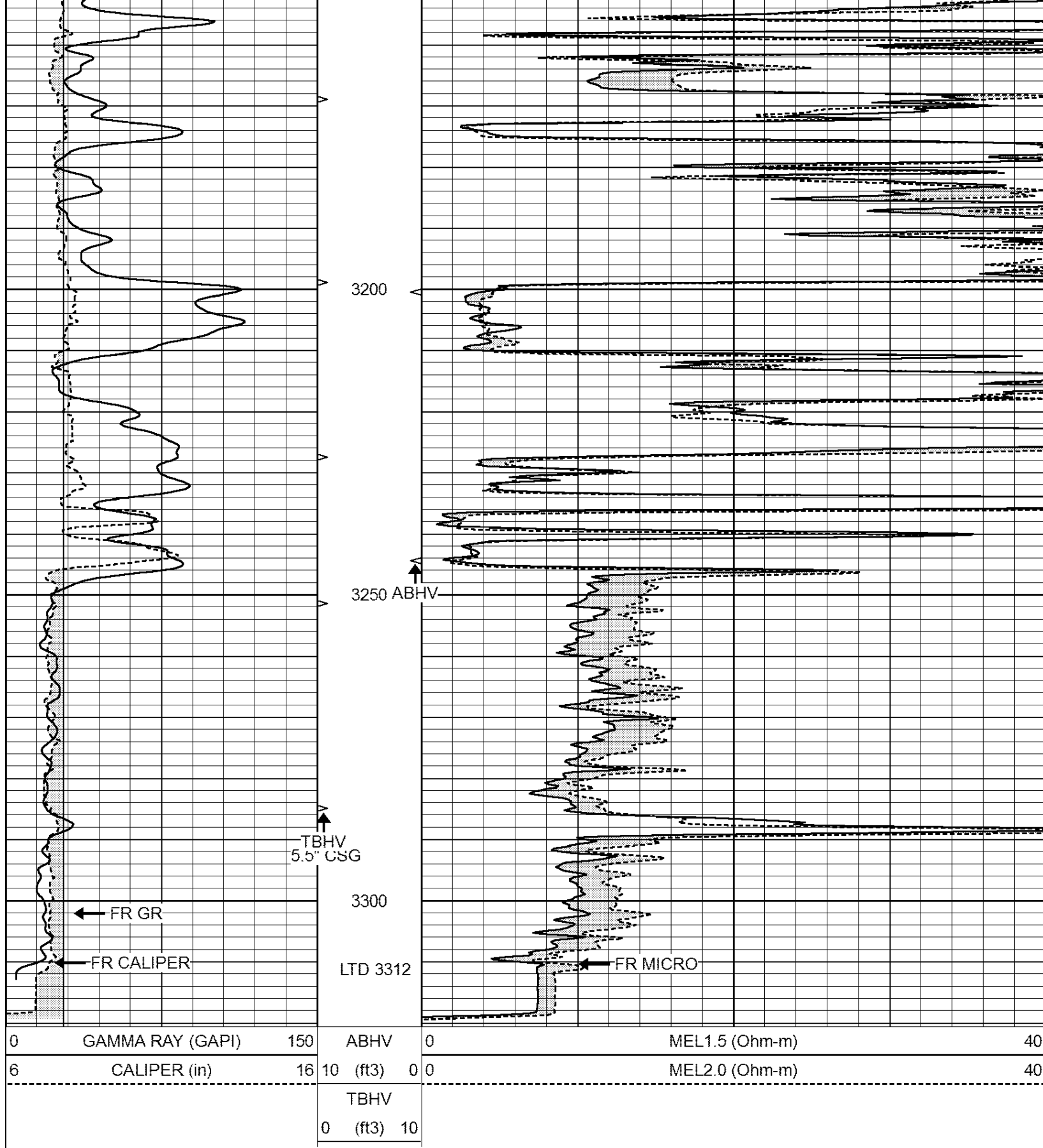
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3050

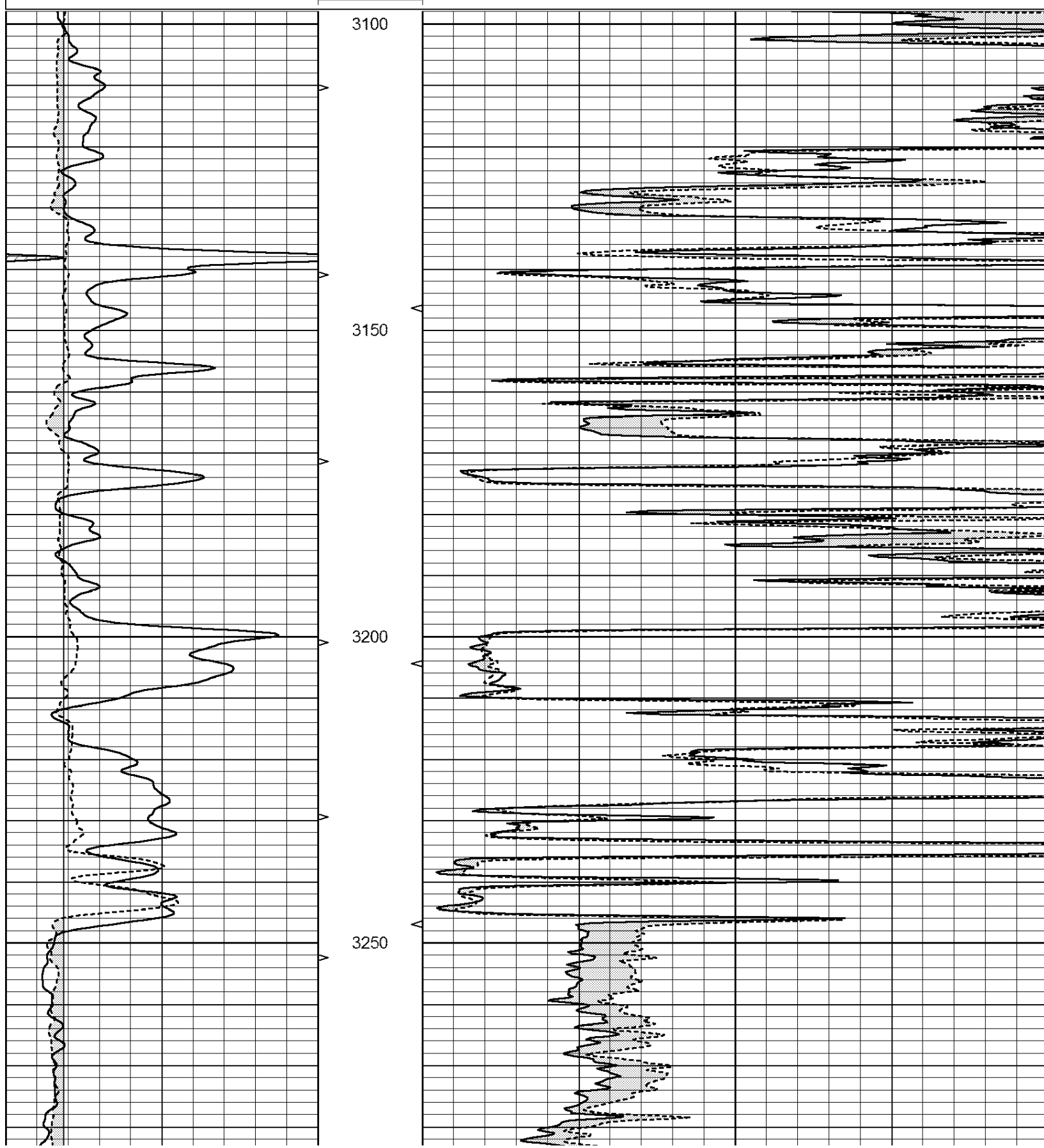
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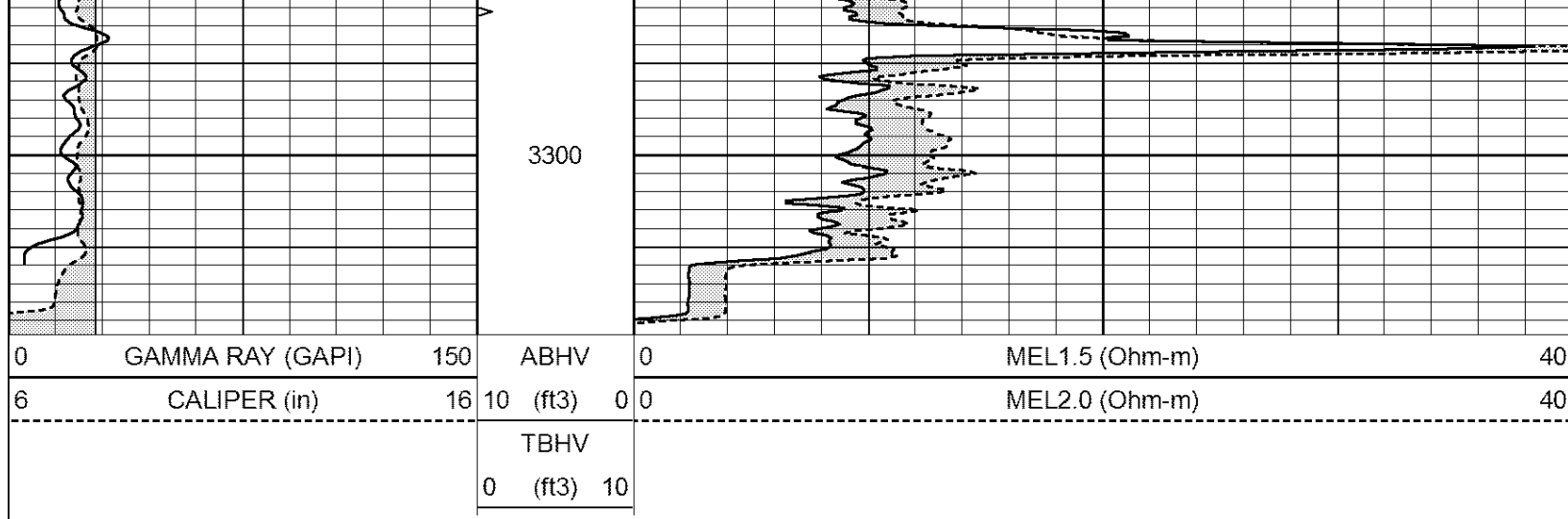
3150





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





### Calibration Report

Database File: 26268ddn.db  
 Dataset Pathname: pass8.1  
 Dataset Creation: Thu Dec 04 02:39:22 2014 by Calc Open-Cased 090629

### MICRO Calibration Report

|                      |                          |               |
|----------------------|--------------------------|---------------|
| Serial Number:       | MICRO4                   |               |
| Tool Model:          | PROBE                    |               |
| Performed:           | Wed Aug 13 17:16:52 2014 |               |
| Caliper Calibration: | Gain=2.000               | Offset=-5.000 |
| References           | Low Cal                  | High Cal      |
| Readings             | 8.600                    | 14.000        |
|                      | 5.934                    | 7.767         |
| 1.5" Calibration:    | Gain=42.000              | Offset=-1.600 |
| References           | Low Cal                  | High Cal      |
| Readings             | 0.000                    | 20.000        |
|                      | 0.013                    | 1.547         |
| 2" Calibration:      | Gain=42.000              | Offset=-0.600 |
| References           | Low Cal                  | High Cal      |
| Readings             | 0.000                    | 20.000        |
|                      | 0.017                    | 1.202         |

### Gamma Ray Calibration Report

|                     |                          |          |
|---------------------|--------------------------|----------|
| Serial Number:      | GR2                      |          |
| Tool Model:         | OPEN                     |          |
| Performed:          | Tue Nov 25 21:32:24 2014 |          |
| Calibrator Value:   | 200.0                    | GAPI     |
| Background Reading: | 0.0                      | cps      |
| Calibrator Reading: | 740.0                    | cps      |
| Sensitivity:        | 0.8000                   | GAPI/cps |