



Microresistivity  
Log

DIGITAL LOG (785) 625-3858

|                                               |             |                                  |  |
|-----------------------------------------------|-------------|----------------------------------|--|
| API No.                                       |             | Company L.D. Drilling, Inc.      |  |
| 15-009-25,661-00-00                           |             | Well Salvino No. 3-19            |  |
| Field Trapp                                   |             | County Barton State Kansas       |  |
| Location NW SE NE SW<br>1910' FSL & 2010' FWL |             | Other Services<br>CNL/CDL<br>DIL |  |
| Sec: 19 Twp: 16 S Rge: 13 W                   |             | Elevation                        |  |
| Permanent Datum Ground Level                  |             | K.B. 1948                        |  |
| Log Measured From Kelly Bushing               |             | D.F. 1943                        |  |
| Drilling Measured From Kelly Bushing          |             | G.L. 1943                        |  |
| Date                                          | 2/25/2012   |                                  |  |
| Run Number                                    | Two         |                                  |  |
| Depth Driller                                 | 3478        |                                  |  |
| Depth Logger                                  | 3479        |                                  |  |
| Bottom Logged Interval                        | 3478        |                                  |  |
| Top Log Interval                              | 2800        |                                  |  |
| Casing Driller                                | 8.625 @ 913 |                                  |  |
| Casing Logger                                 | 892         |                                  |  |
| Bit Size                                      | 7.875       |                                  |  |
| Type Fluid in Hole                            | Chemical    |                                  |  |
| Salinity, ppm CL                              | 5.000       |                                  |  |
| Density / Viscosity                           | 9.3 56      |                                  |  |
| pH / Fluid Loss                               | 10.0 8.8    |                                  |  |
| Source of Sample                              | Flowline    |                                  |  |
| Rm @ Meas. Temp                               | .60 @ 50    |                                  |  |
| Rmf @ Meas. Temp                              | .45 @ 50    |                                  |  |
| Rmc @ Meas. Temp                              | .81 @ 50    |                                  |  |
| Source of Rmf / Rmc                           | Charts      |                                  |  |
| Rm @ BHT                                      | .27 @ 113   |                                  |  |
| Operating Rig Time                            | 4 Hours     |                                  |  |
| Max Rec. Temp. F                              | 113         |                                  |  |
| Equipment Number                              | 91          |                                  |  |
| Location                                      | Hays        |                                  |  |
| Recorded By                                   | K. Bange    |                                  |  |
| Witnessed By                                  | Josh Austin |                                  |  |

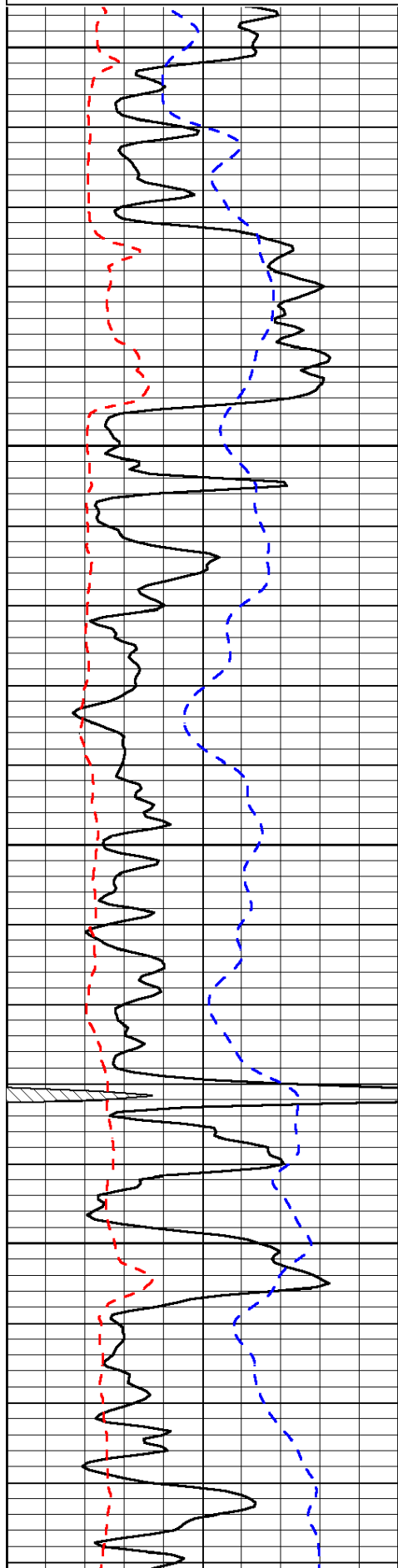
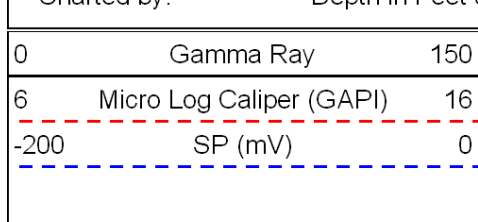
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Comments

Thank you for using Log-Tech, Inc.  
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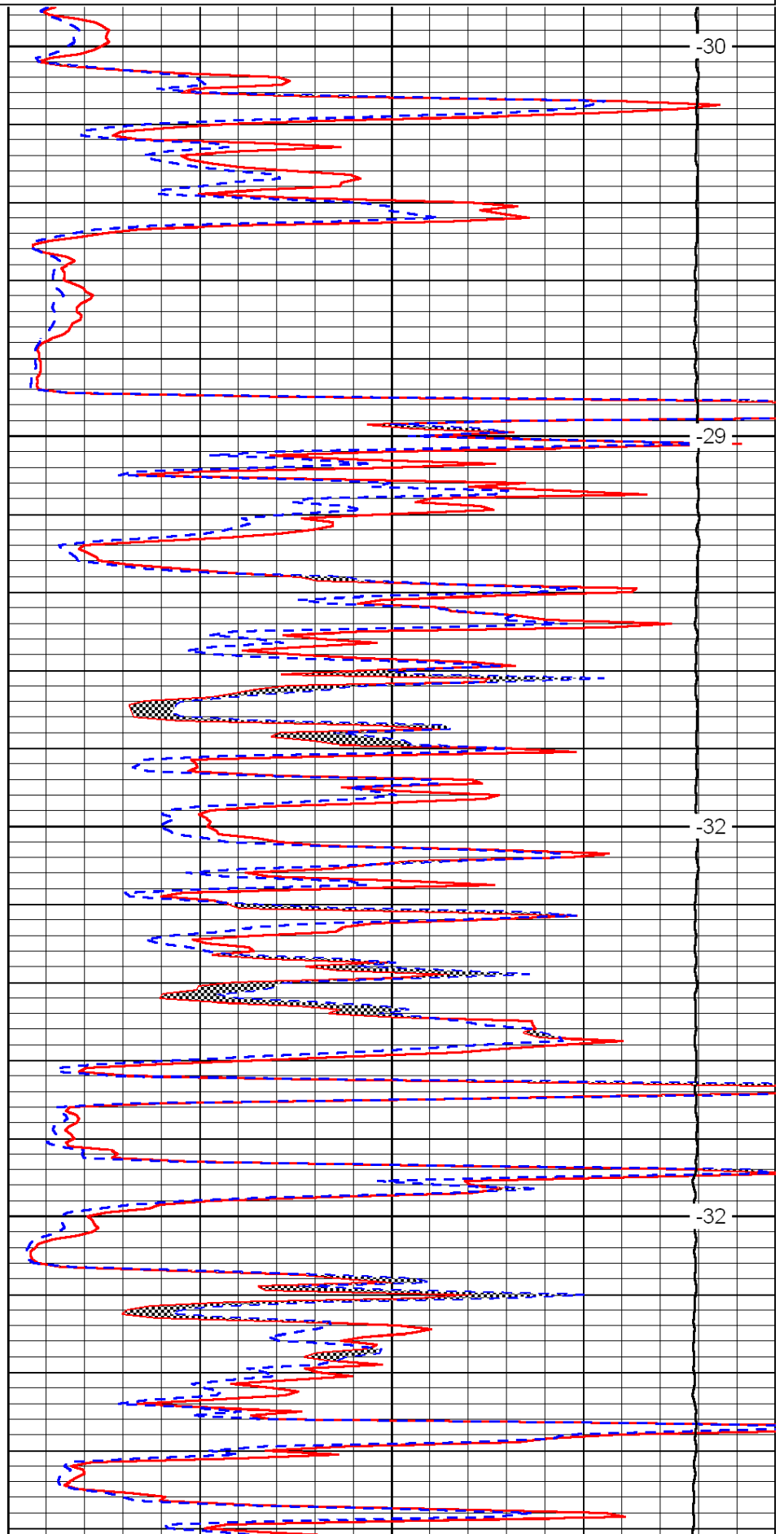


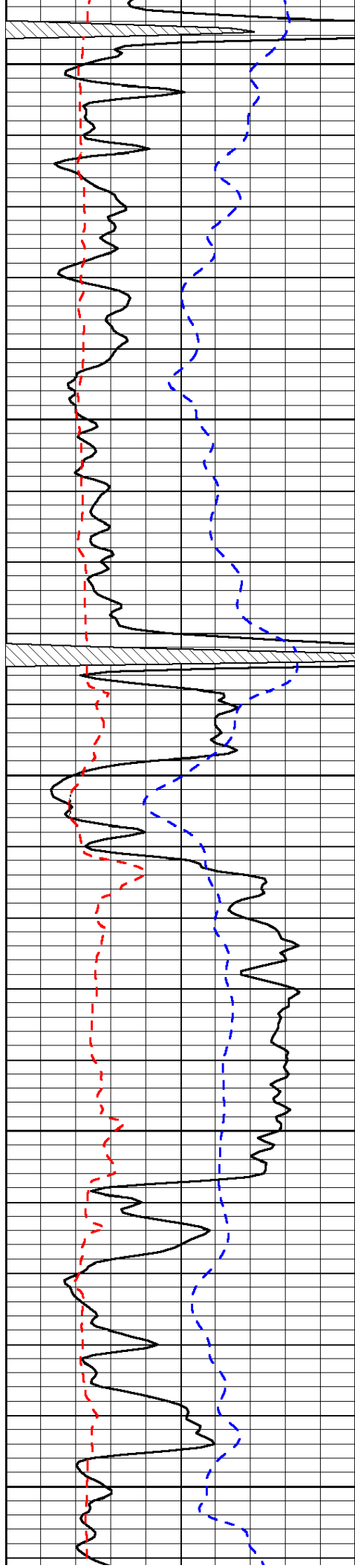
2800

2850

2900

2950





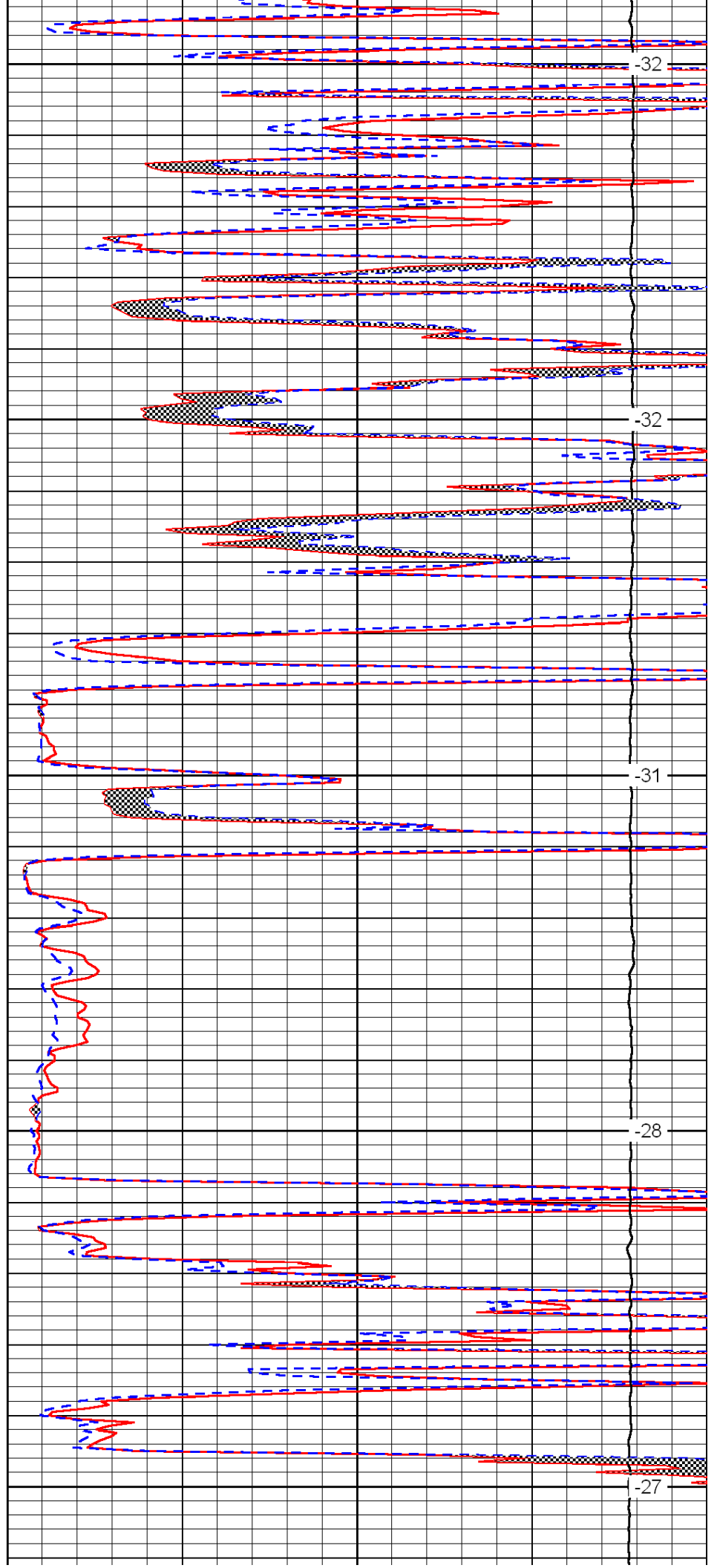
3000

3050

3100

3150

3200



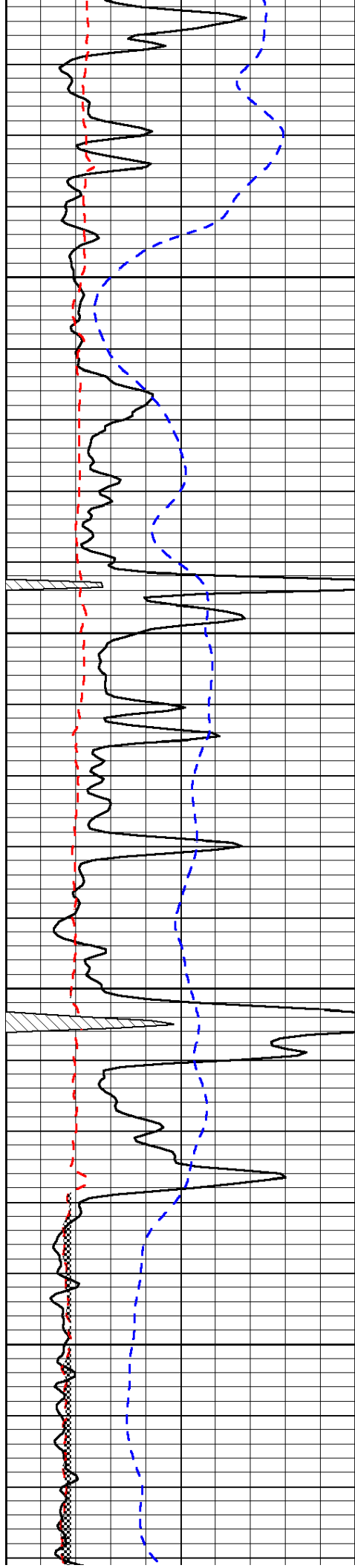
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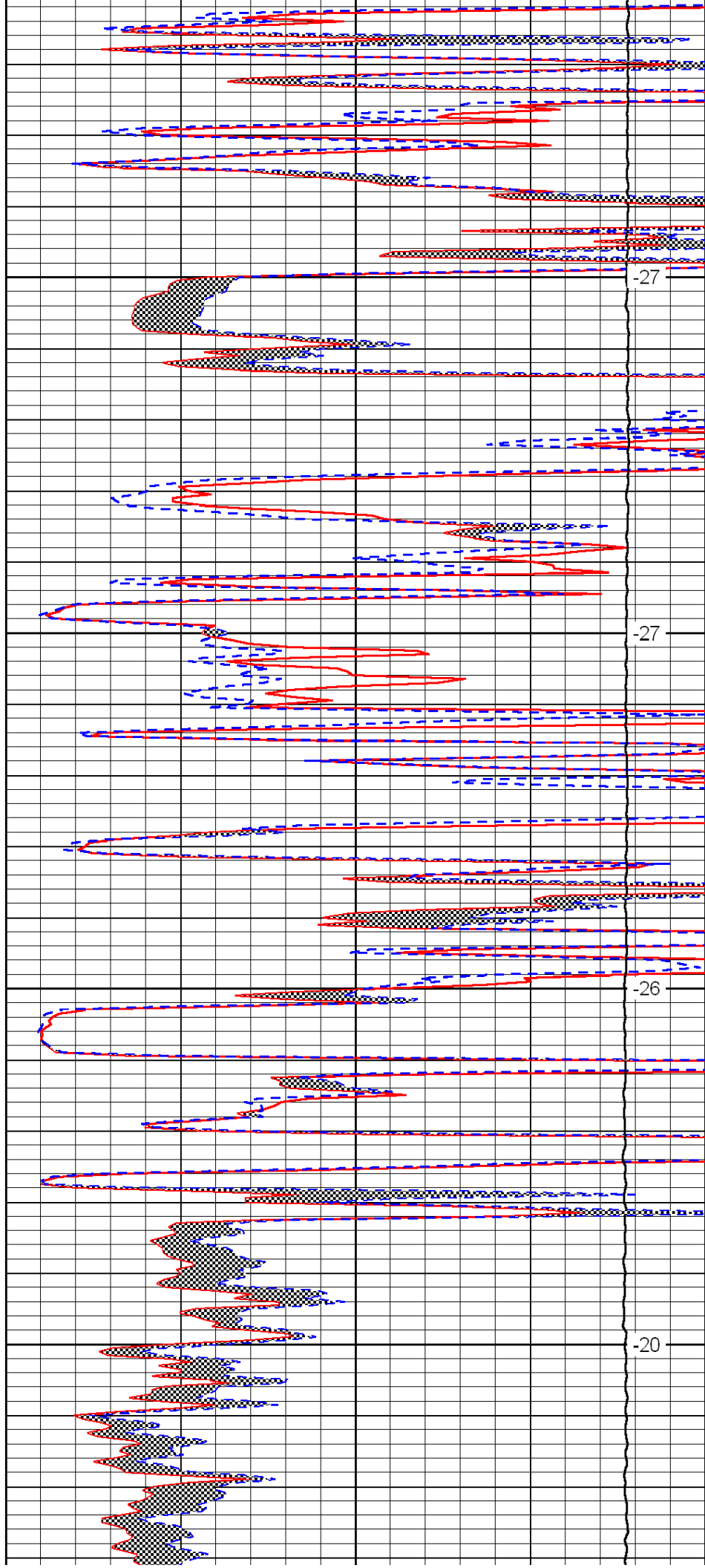


3250

3300

3350

3400

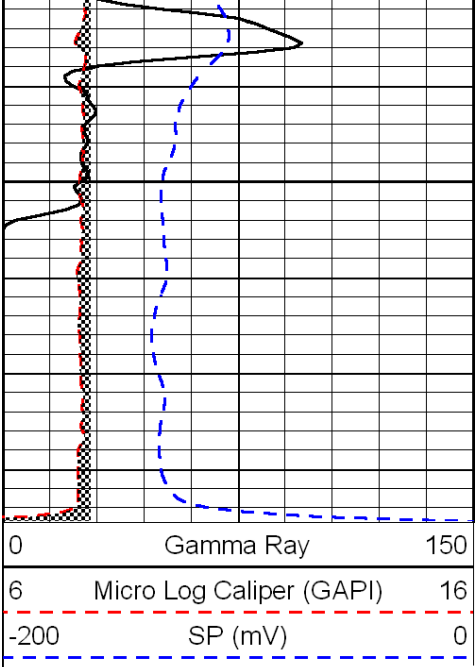


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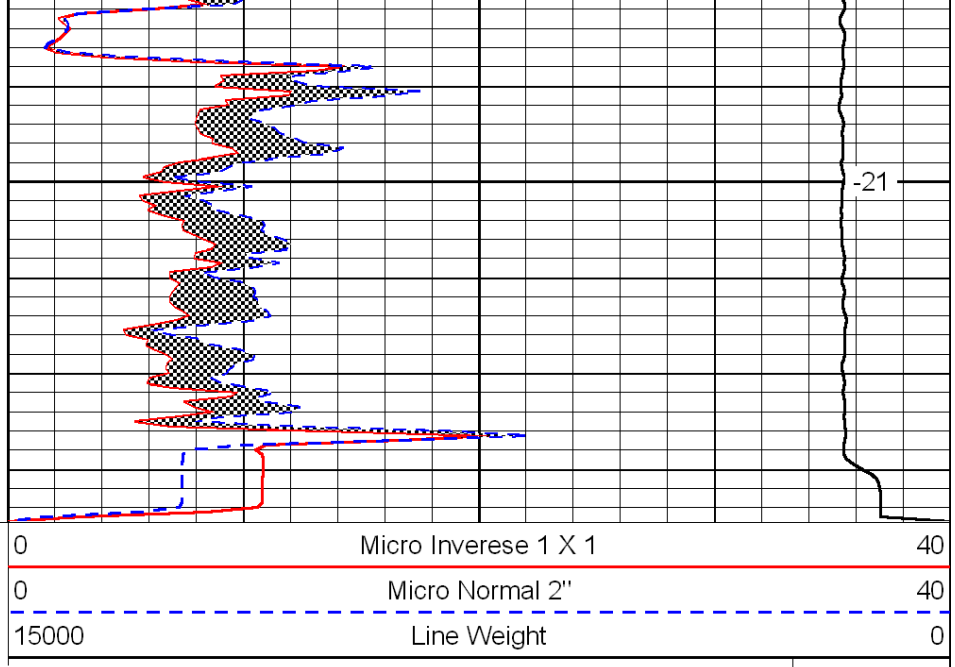
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3450



-21

LSPD