



# Microresistivity Log

DIGITAL LOG (785) 625-3858

|                                      |             |                                     |  |
|--------------------------------------|-------------|-------------------------------------|--|
| API No.                              |             | Company Cholla Production, LLC.     |  |
| 15-195-22,709-00-00                  |             | Well Schroeder No. 1-16             |  |
|                                      |             | Field Wildcat                       |  |
|                                      |             | County Trego State Kansas           |  |
| Location                             |             | NW SE NE NE<br>640' FEL & 975' FNL  |  |
| Sec: 16                              |             | Twp: 11 S Rge: 23 W                 |  |
| Permanent Datum Ground Level         |             | Elevation 2280                      |  |
| Log Measured From Kelly Bushing      |             | 5 Ft. Above Perm. Datum             |  |
| Drilling Measured From Kelly Bushing |             | K.B. 2285<br>D.F. 2280<br>G.L. 2280 |  |
| Date                                 | 5/10/2011   |                                     |  |
| Run Number                           | Two         |                                     |  |
| Depth Driller                        | 4075        |                                     |  |
| Depth Logger                         | 4074        |                                     |  |
| Bottom Logged Interval               | 4073        |                                     |  |
| Top Log Interval                     | 3100        |                                     |  |
| Casing Driller                       | 8.625 @ 263 |                                     |  |
| Casing Logger                        | 260         |                                     |  |
| Bit Size                             | 7.875       |                                     |  |
| Type Fluid in Hole                   | Chemical    |                                     |  |
| Salinity, ppm CL                     | 2,500       |                                     |  |
| Density / Viscosity                  | 9.3 58      |                                     |  |
| pH / Fluid Loss                      | 10.5 7.8    |                                     |  |
| Source of Sample                     | Flowline    |                                     |  |
| Rm @ Meas. Temp                      | .90 @ 70    |                                     |  |
| Rmf @ Meas. Temp                     | .68 @ 70    |                                     |  |
| Rmc @ Meas. Temp                     | 1.22 @ 70   |                                     |  |
| Source of Rmf / Rmc                  | Charts      |                                     |  |
| Rm @ BHT                             | .53 @ 119   |                                     |  |
| Operating Rig Time                   | 5 Hours     |                                     |  |
| Max Rec. Temp. F                     | 119         |                                     |  |
| Equipment Number                     | 4           |                                     |  |
| Location                             | Hays        |                                     |  |
| Recorded By                          | K. Bange    |                                     |  |
| Witnessed By                         | Bill Goff   |                                     |  |

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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.

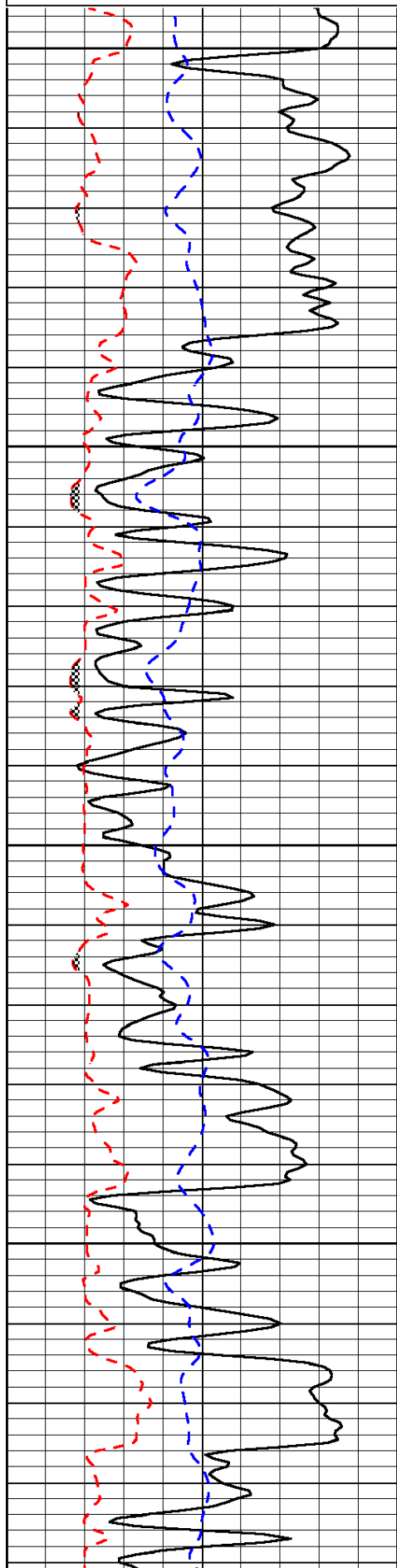
## Comments

Thank you for using Log-Tech, Inc.  
(785) 625-3858

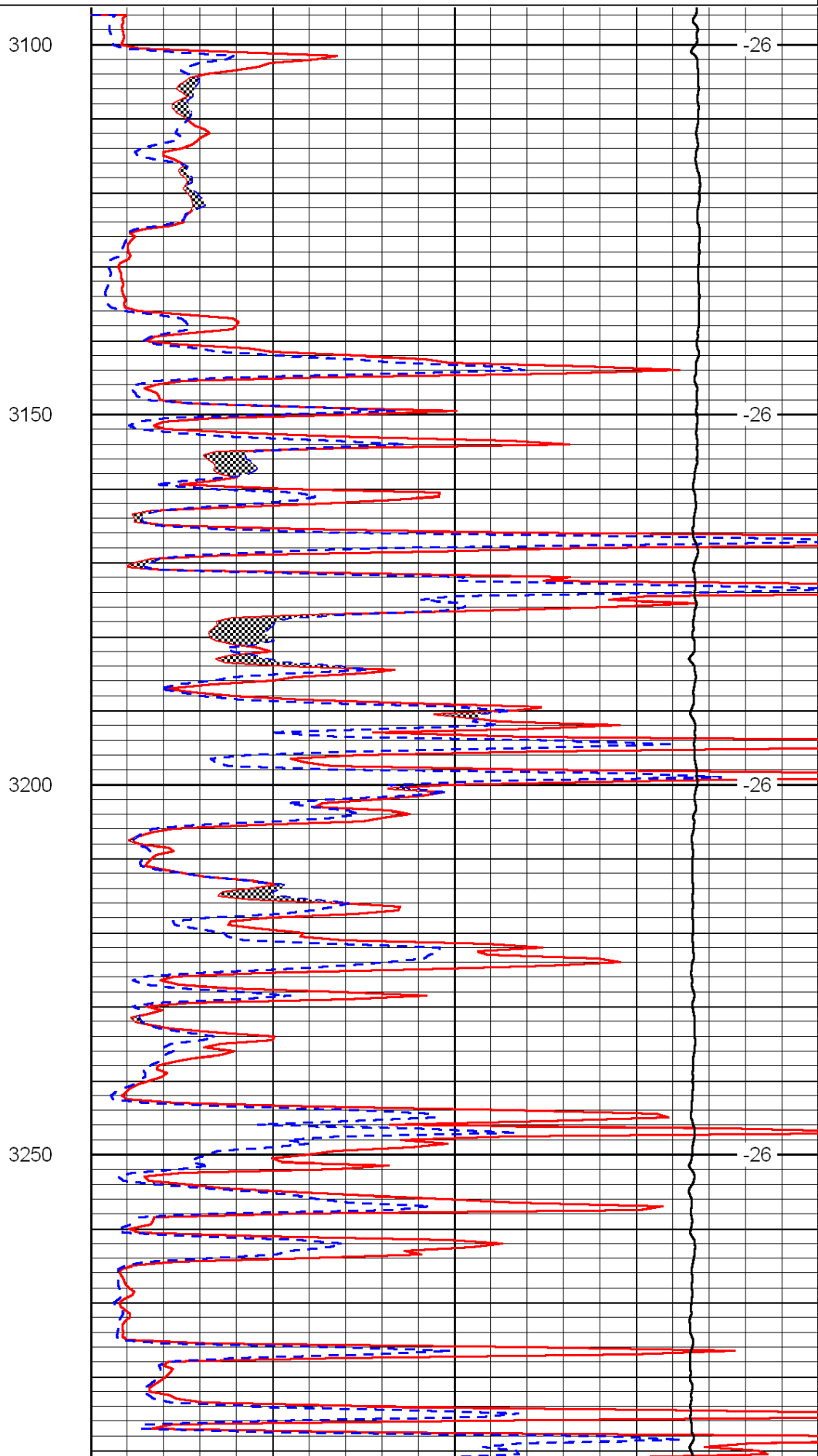
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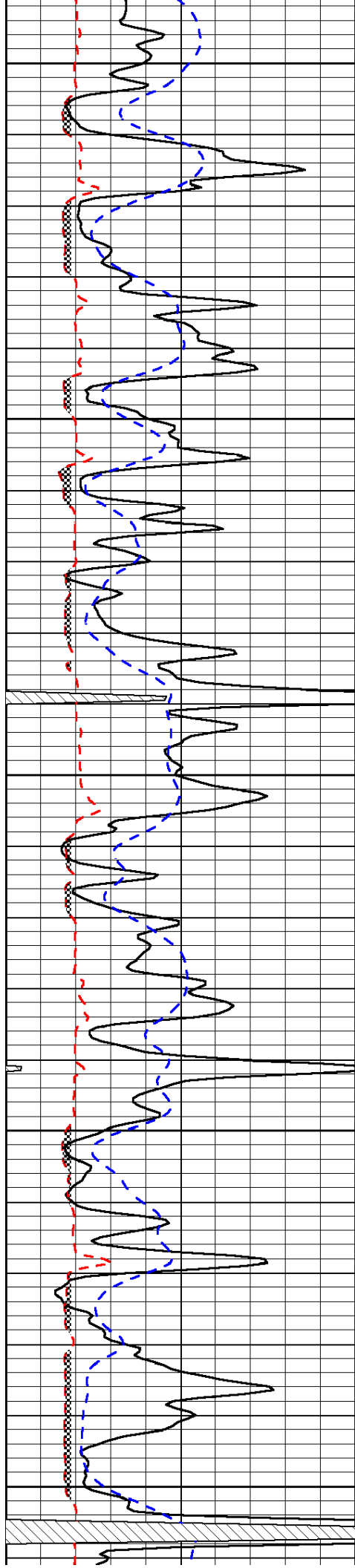
Database File: c:\warrior\data\cholla\_schroeder no. 1-16\cholla051011hd.db  
Dataset Pathname: dil\cholla2in  
Presentation Format: micro  
Dataset Creation: Tue May 10 21:03:09 2011  
Charted by: Depth in Feet scaled 1:240

|                                         |                          |     |
|-----------------------------------------|--------------------------|-----|
| Charted by: Depth in Feet scaled 1:2.15 |                          |     |
| 0                                       | Gamma Ray                | 150 |
| 6                                       | Micro Log Caliper (GAPI) | 16  |
| -200                                    | SP (mV)                  | 0   |



|       |                     |      |
|-------|---------------------|------|
| 0     | Micro Inverse 1 X 1 | 40   |
| 0     | Micro Normal 2"     | 40   |
| 15000 | Line Weight         | 0    |
|       |                     | LSPD |





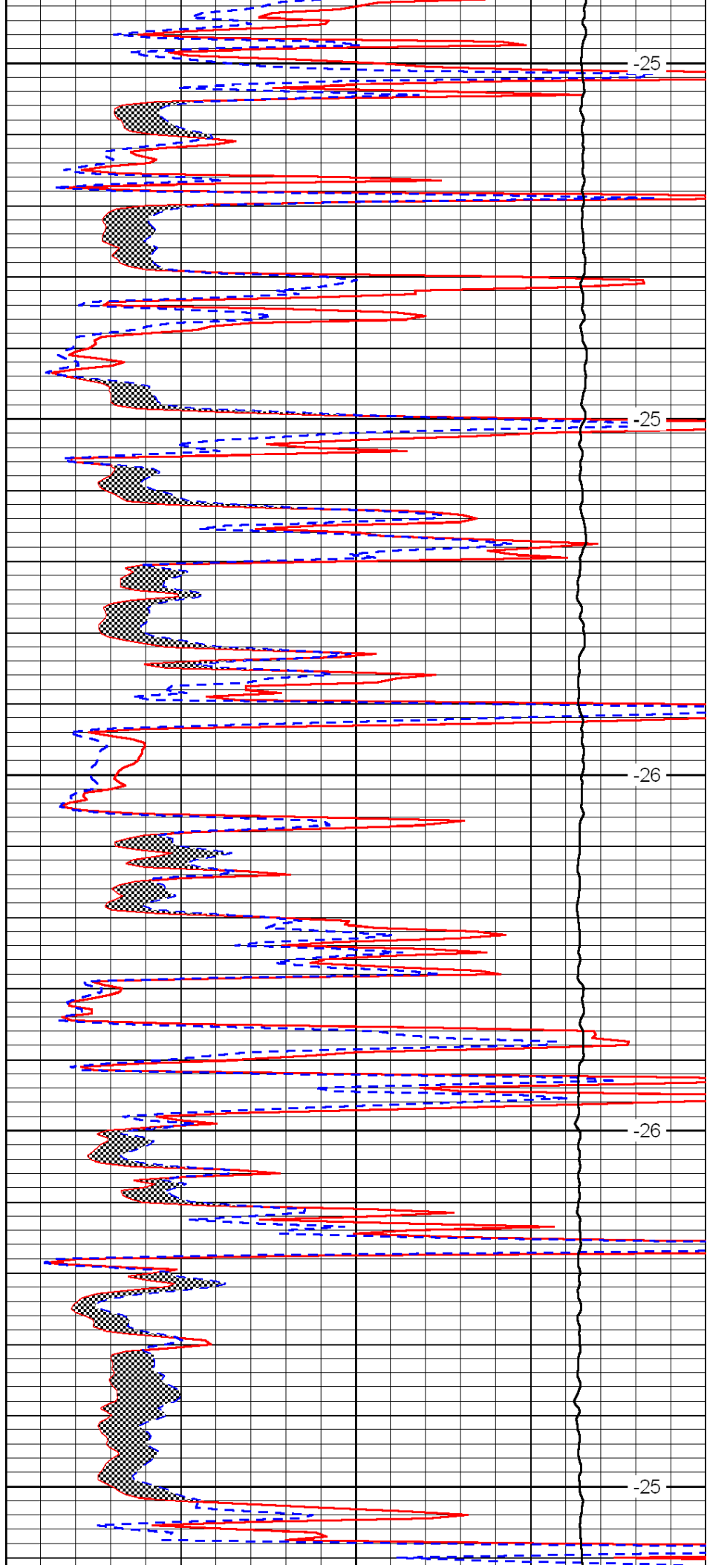
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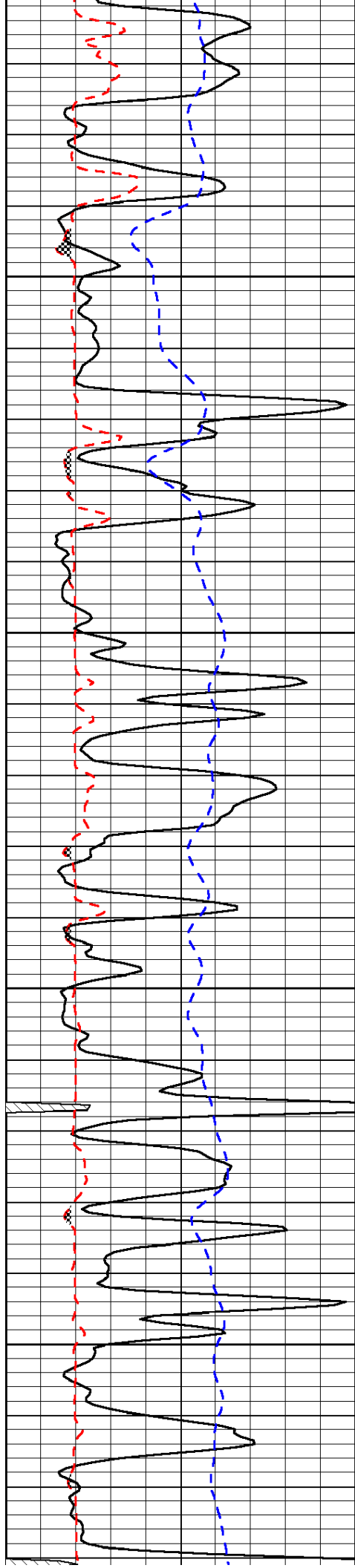
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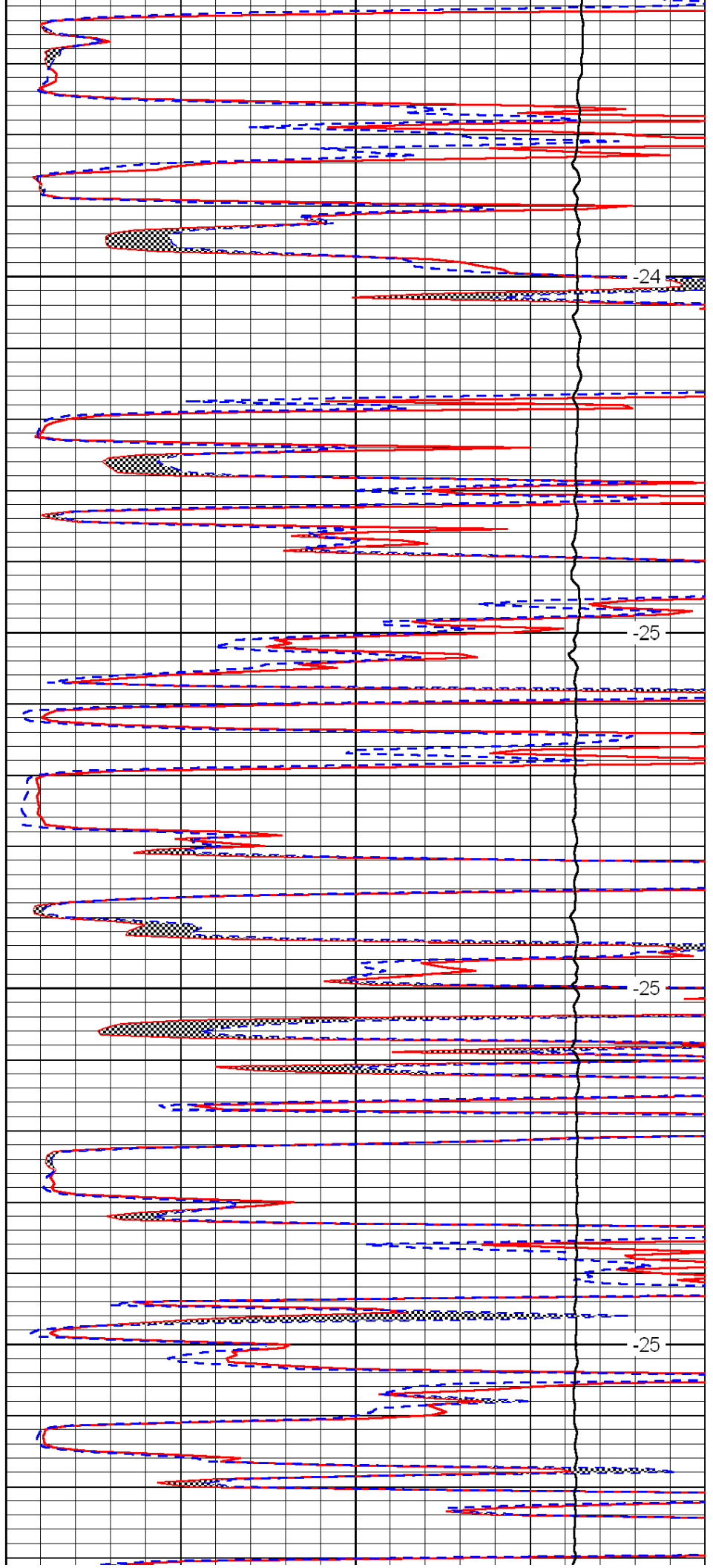


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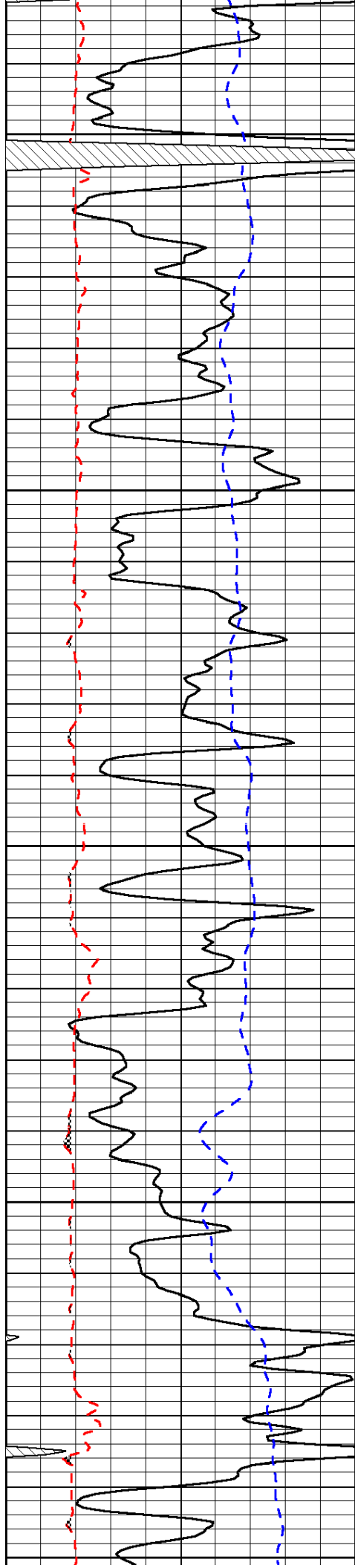


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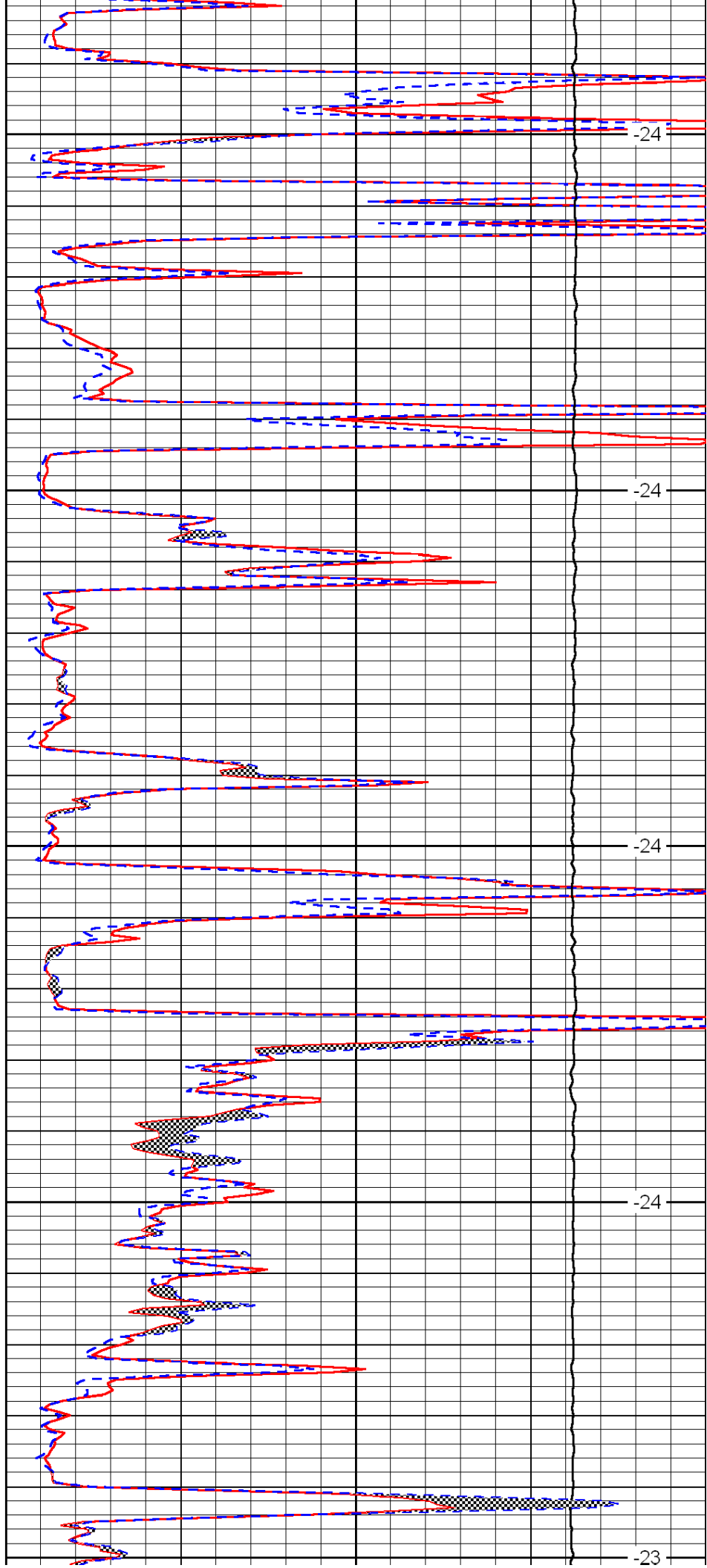
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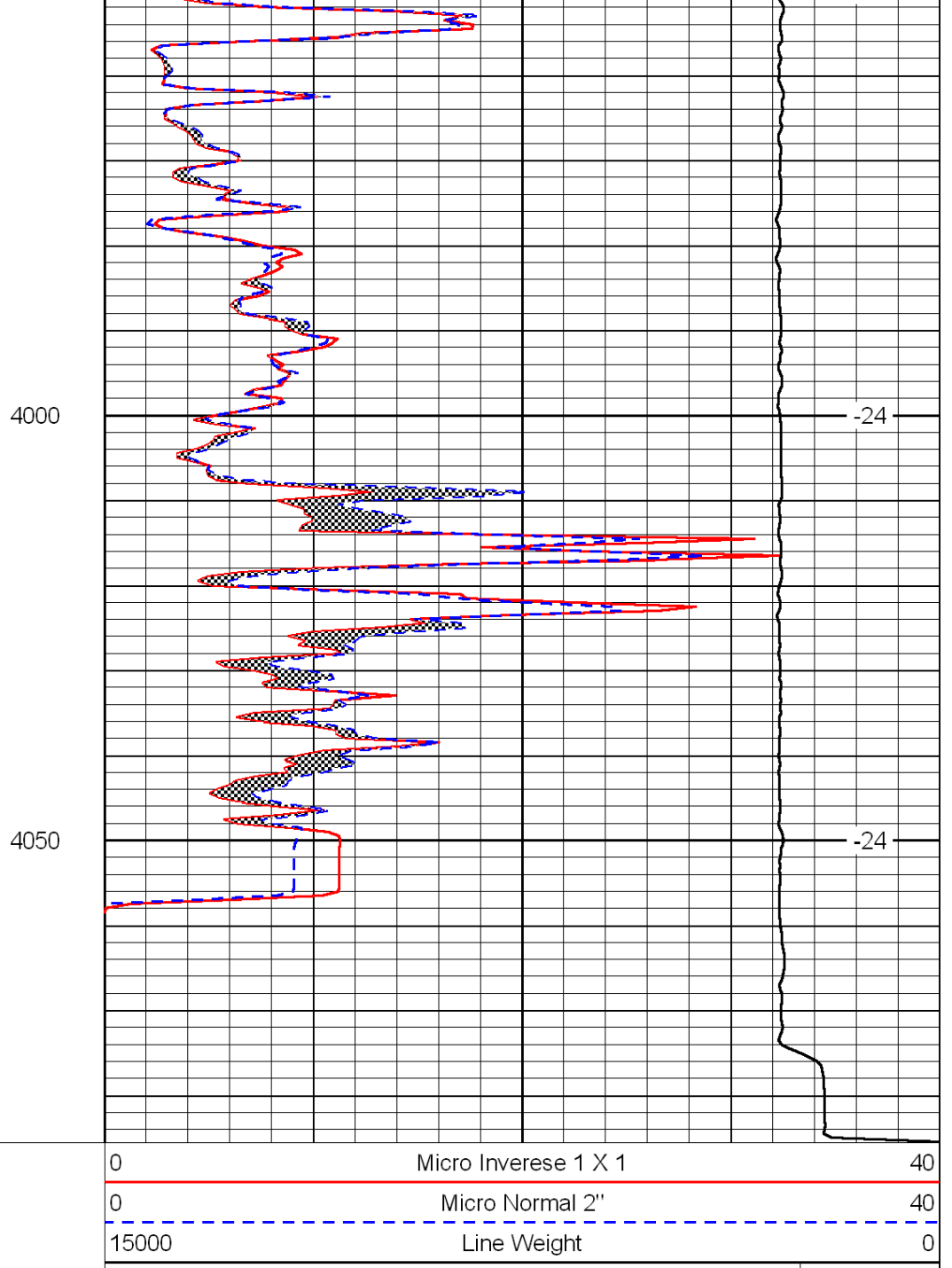
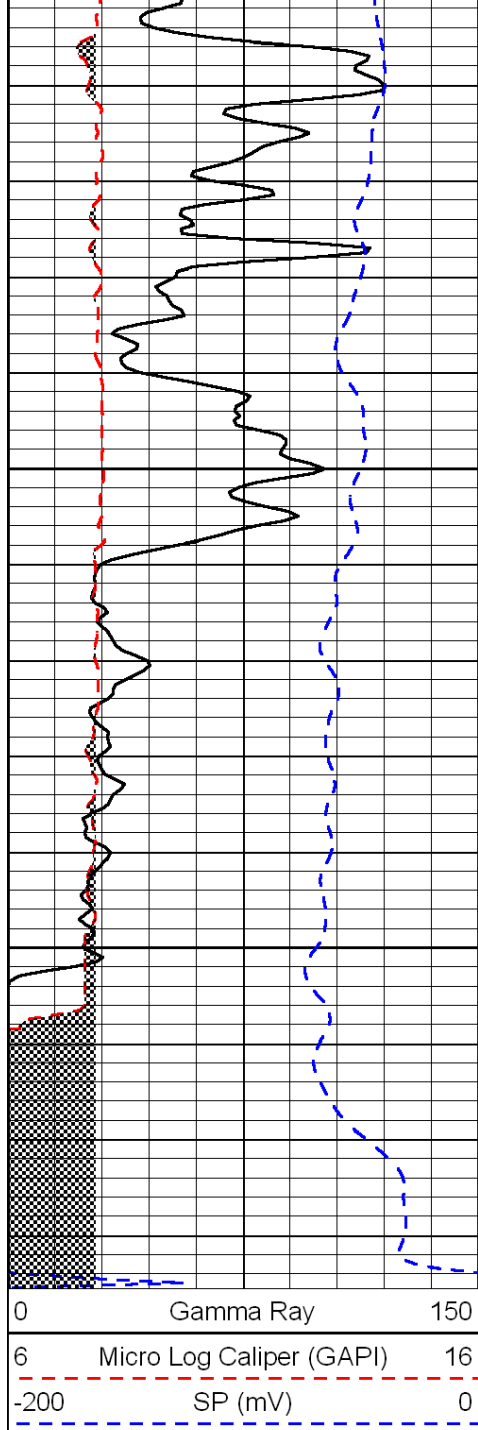
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LSPD