



Microresistivity Log

DIGITAL LOG (785) 625-3858

15-065023,490-00-00

API No.

Company Clipper Engery, LLC

Well Hart No. 1

Field Wildcat

County Graham

State

Kansas

Location

NE - SW - SW - NE
2000' FNL & 2180' FEL

Sec: 32

Twp: 7 S

Rge: 21 W

Elevation

K.B. 2111
D.F. 2103
G.L. 2103

Permanent Datum Ground Level Elevation 2103
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date

11/2/2008

Run Number

Two

Depth Driller

3760

Depth Logger

3760

Bottom Logged Interval

3759

Top Log Interval

2800

Casing Driller

8.625 @ 222

Casing Logger

119

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

1.000

Density / Viscosity

9.1 59

pH / Fluid Loss

10.5 7.6

Source of Sample

Flowline

Rm @ Meas. Temp

2.10 @ 65

Rmf @ Meas. Temp

1.58 @ 65

Rmc @ Meas. Temp

2.84 @ 65

Source of Rmf / Rmc

Charts

Rm @ BHT

1.20 @ 114

Operating Rig Time

3 Hours

Max Rec. Temp. F

114

Equipment Number

15

Location

Hays

Recorded By

B. Becker

Witnessed By

Bill Robinson

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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.

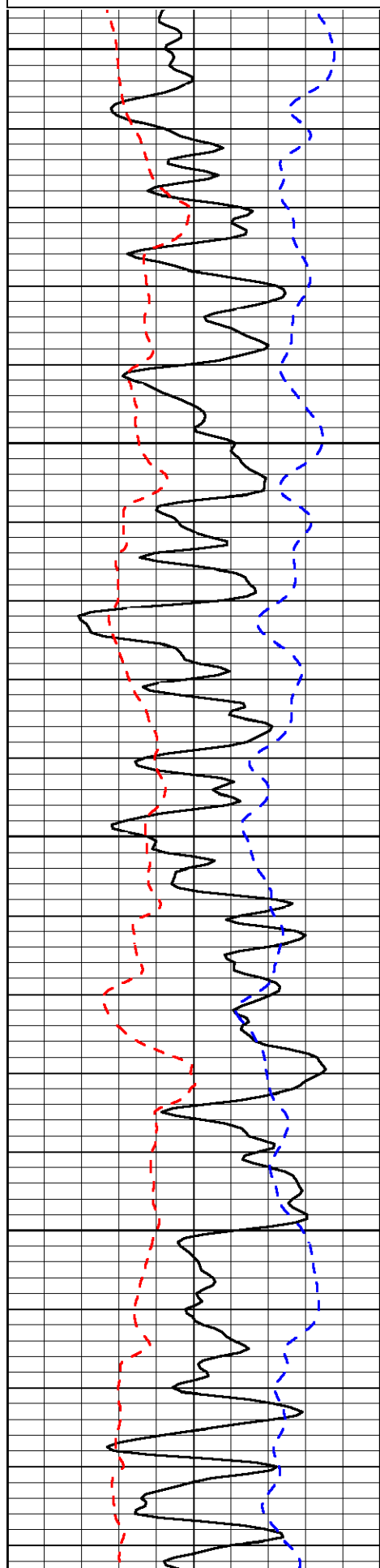
Comments

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

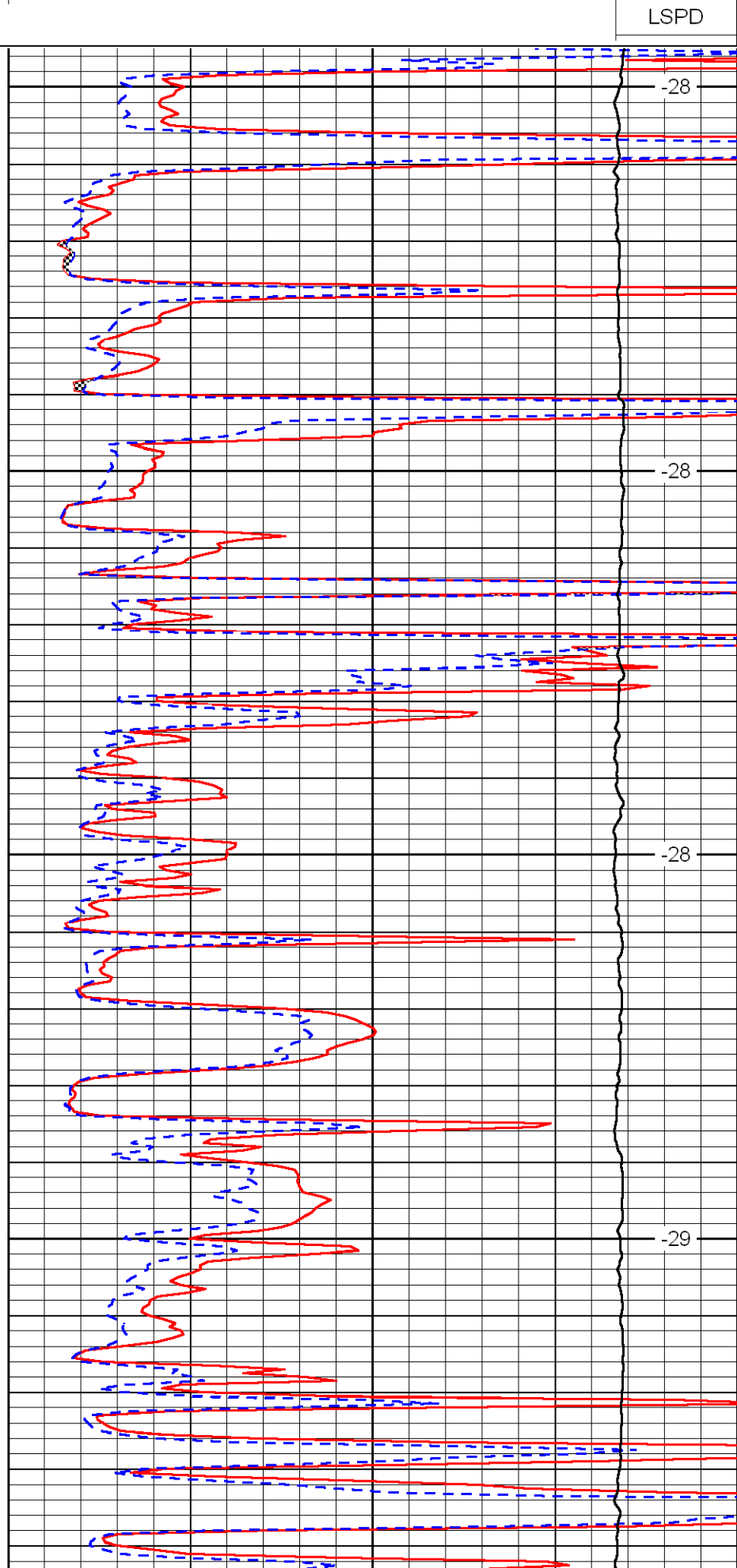
Bogue, Ks; 3-1/2 North; West Into

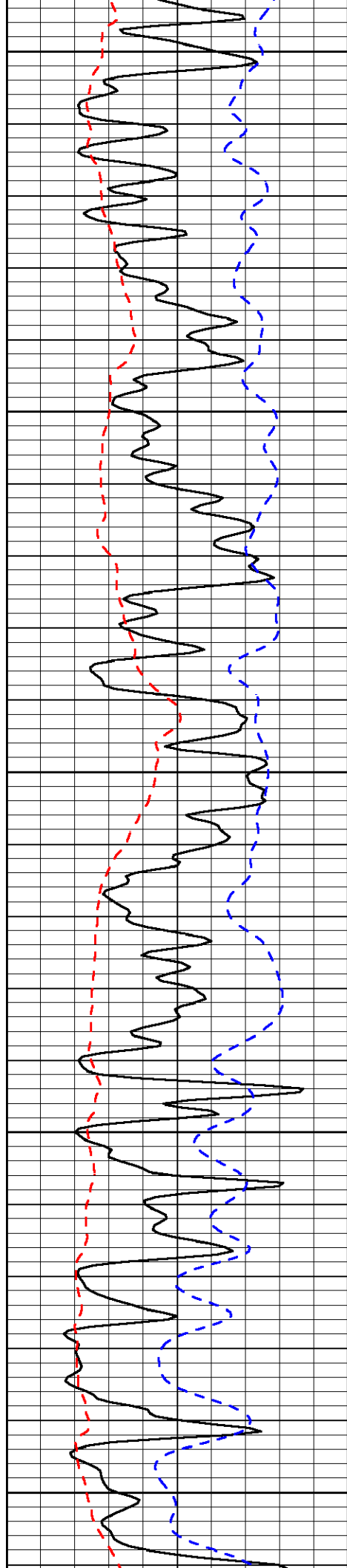
Database File: c:\warrior\data\clipper_hart no. 1\clipperhd.db
Dataset Pathname: DIL/clipstk
Presentation Format: micro
Dataset Creation: Sun Nov 02 15:31:40 2008
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP	0



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0





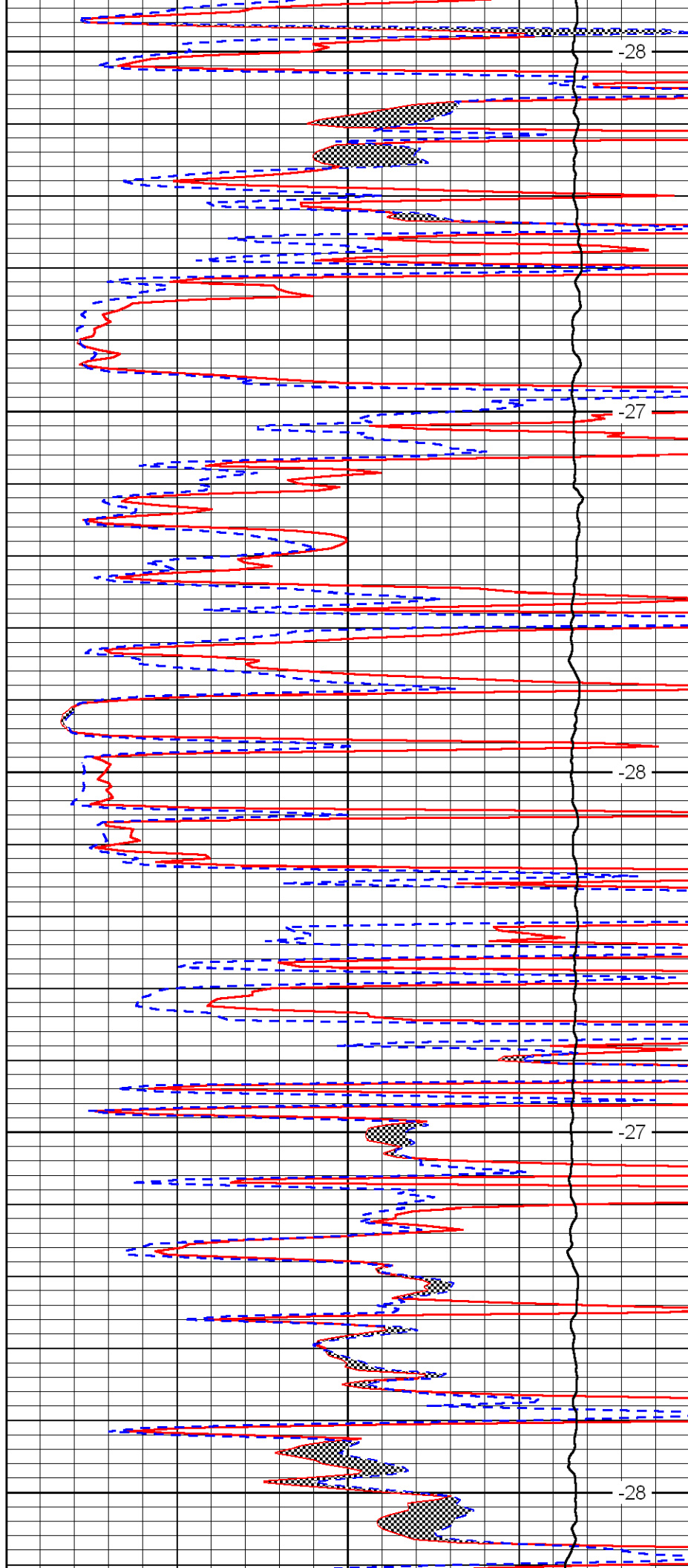
3000

3050

3100

3150

3200



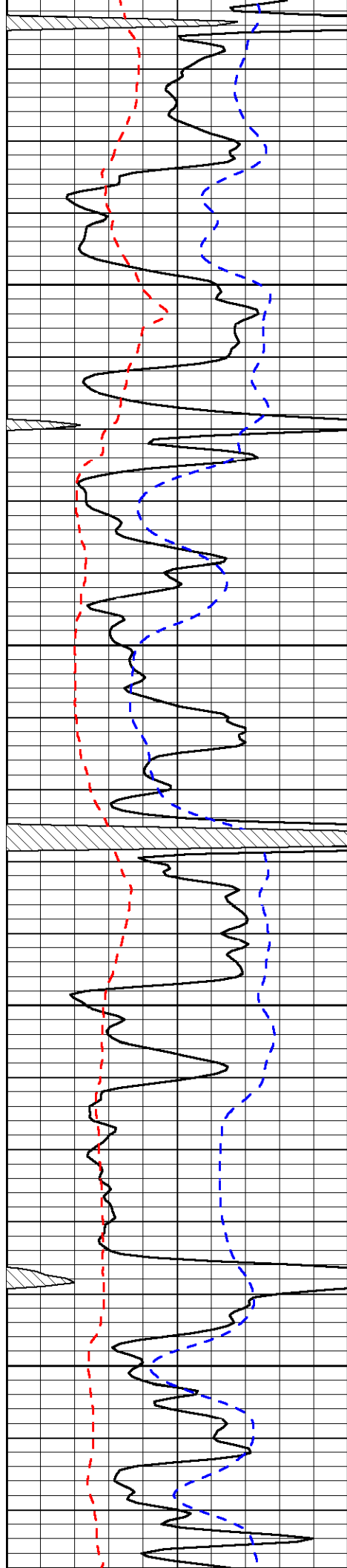
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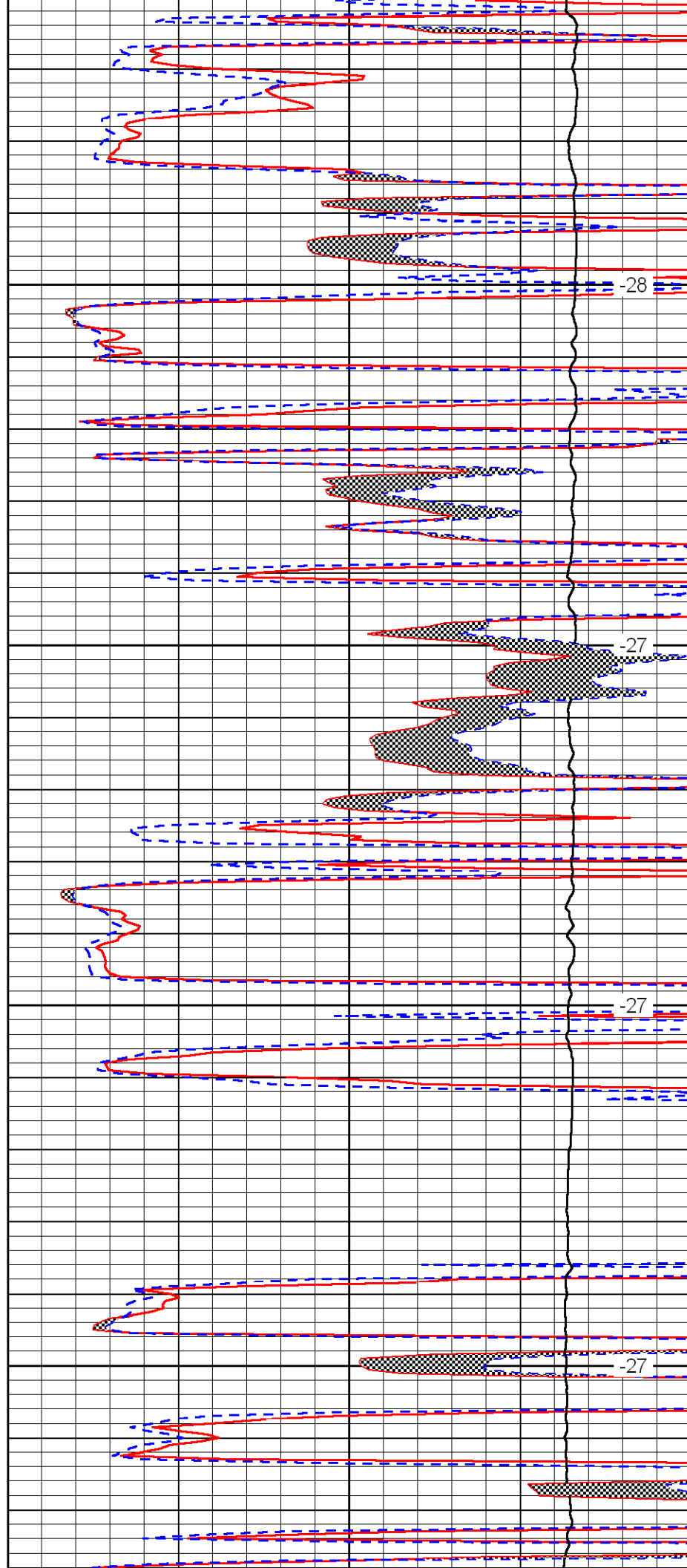


3250

3300

3350

3400

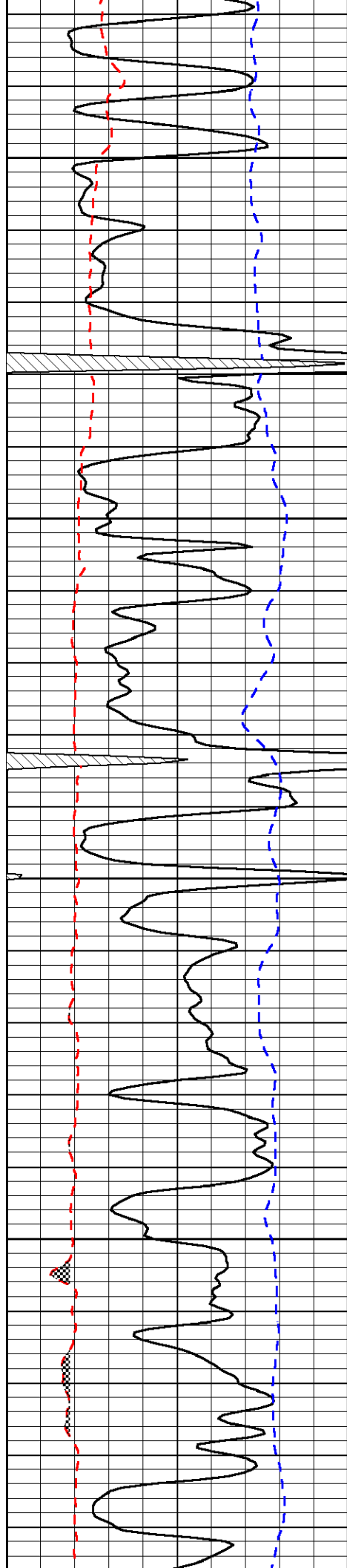


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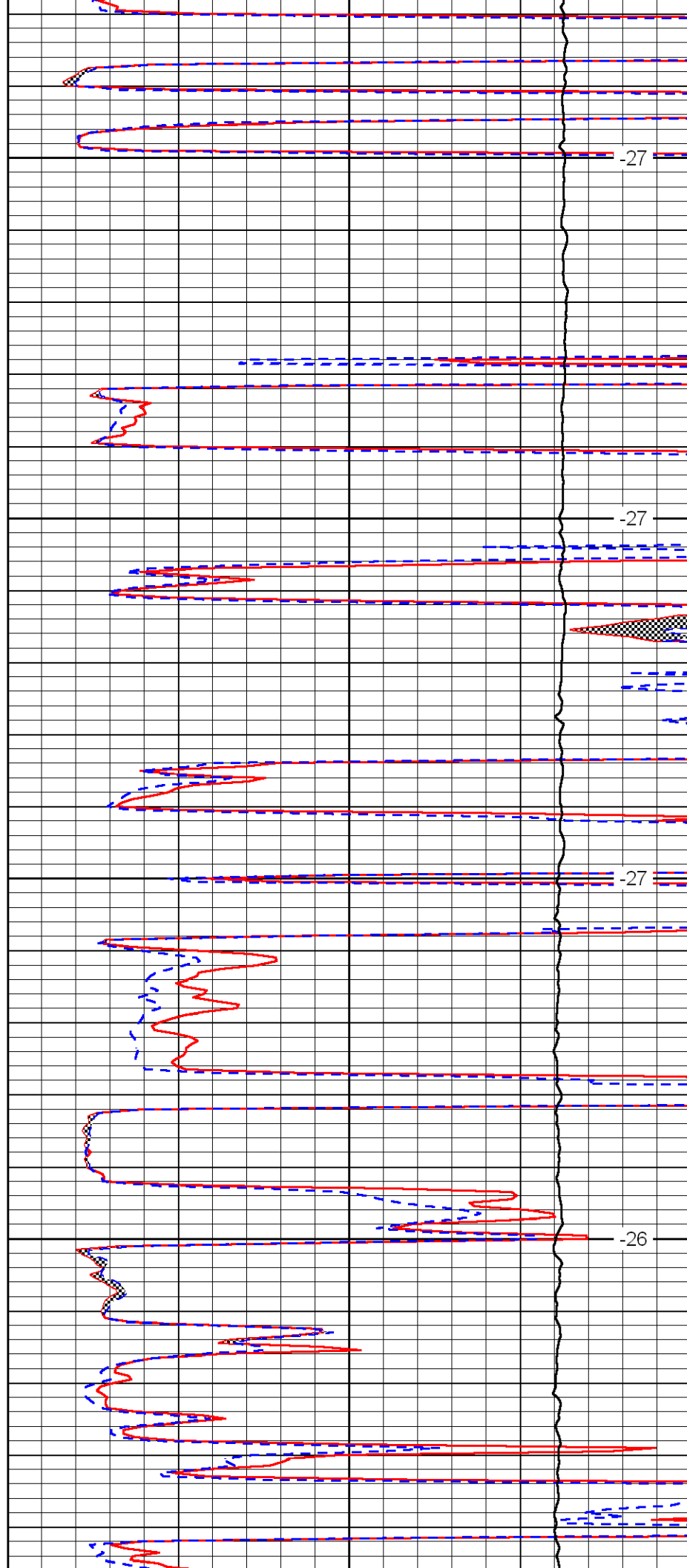


3450

3500

3550

3600

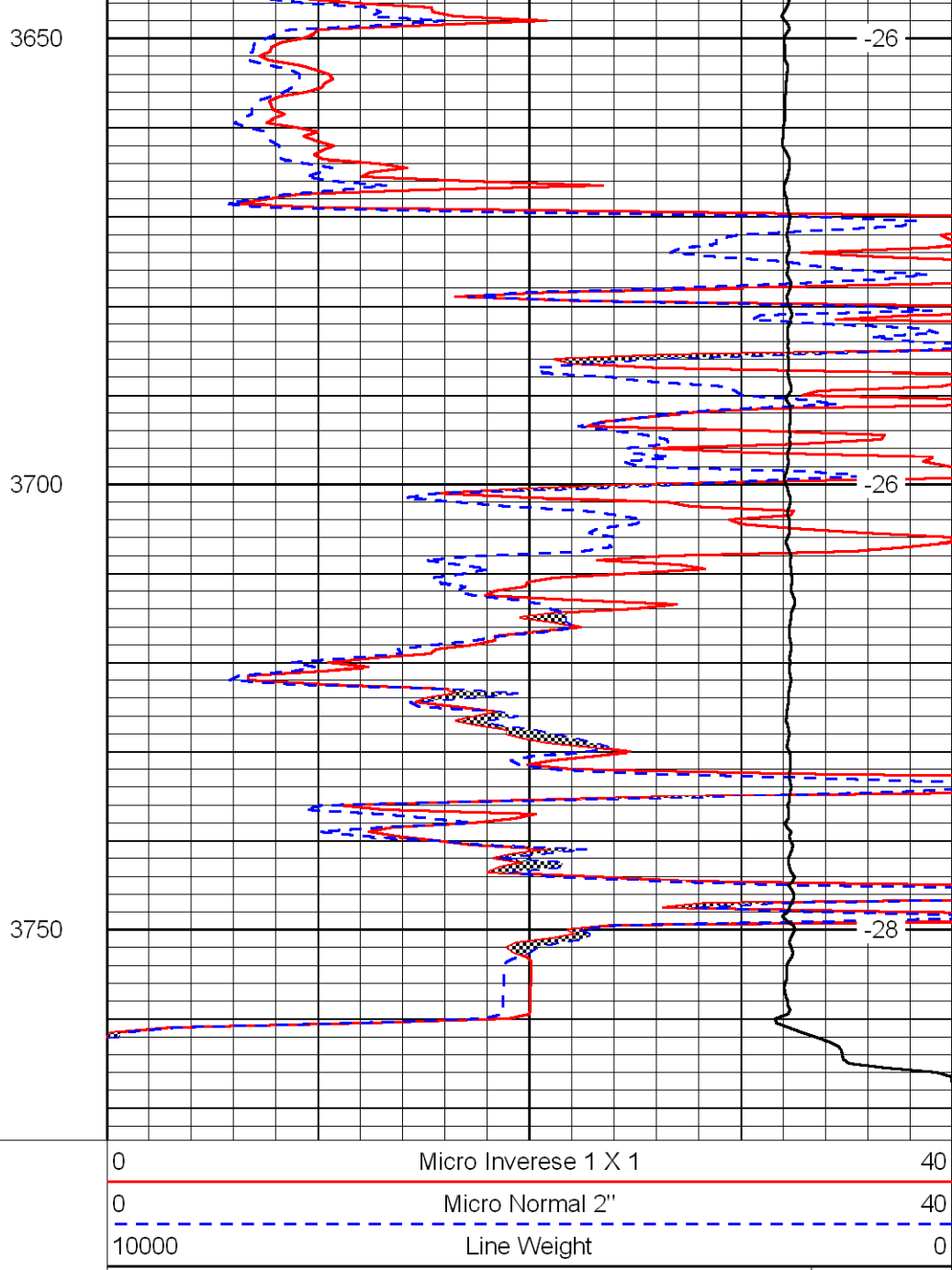
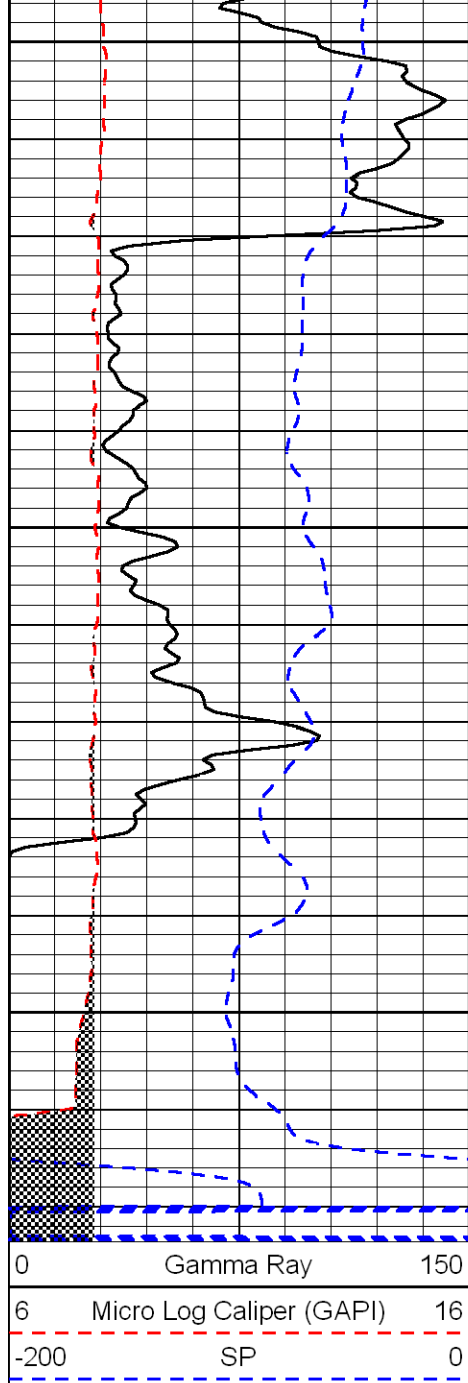


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LSPD