



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-009-25,699-00-00

Company H & D Exploration, LLC.

Well Doonan "A" #1

Field Lake Barton

County Barton State Kansas

Location

NE NW/SE NE
1342' FNL & 730' FEL

Other Services
CNL/CDL
DIL/BHCS

Sec: 28 Twp: 18 S Rge: 13 W

Permanent Datum Ground Level Elevation 1804
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1812
D.F. 1812
G.L. 1804

Date 6/03/2012

Run Number Two

Depth Driller 3375

Depth Logger 3375

Bottom Logged Interval 3374

Top Log Interval 2800

Casing Driller 8.625 @ 711

Casing Logger 710

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 9.800

Density / Viscosity 9.1 57

pH / Fluid Loss 10.0 10.0

Source of Sample Flowline

Rm @ Meas. Temp .62 @ 79

Rmf @ Meas. Temp .47 @ 79

Rmc @ Meas. Temp .84 @ 79

Source of Rmf / Rmc Charts

Rm @ BHT .44 @ 112

Operating Rig Time 5 Hours

Max Rec. Temp. F 112

Equipment Number 91

Location Hays

Recorded By K. Bange

Witnessed By Kurt Talbott

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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.

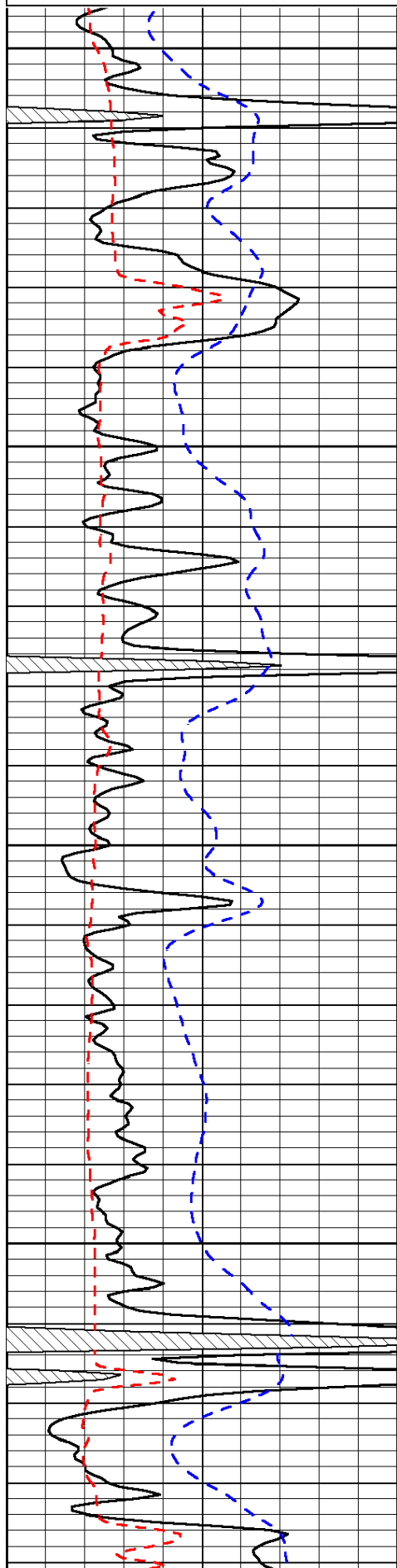
Comments

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

Hoisington, 4 S to NE 60 rd,
1 E to NE 10 rd, 1 N, W into

Database File: c:\warrior\data\h & d exploration_doonan a #1\h&d060312hd.db
Dataset Pathname: dil/hdstack
Presentation Format: micro
Dataset Creation: Sun Jun 03 16:38:53 2012
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

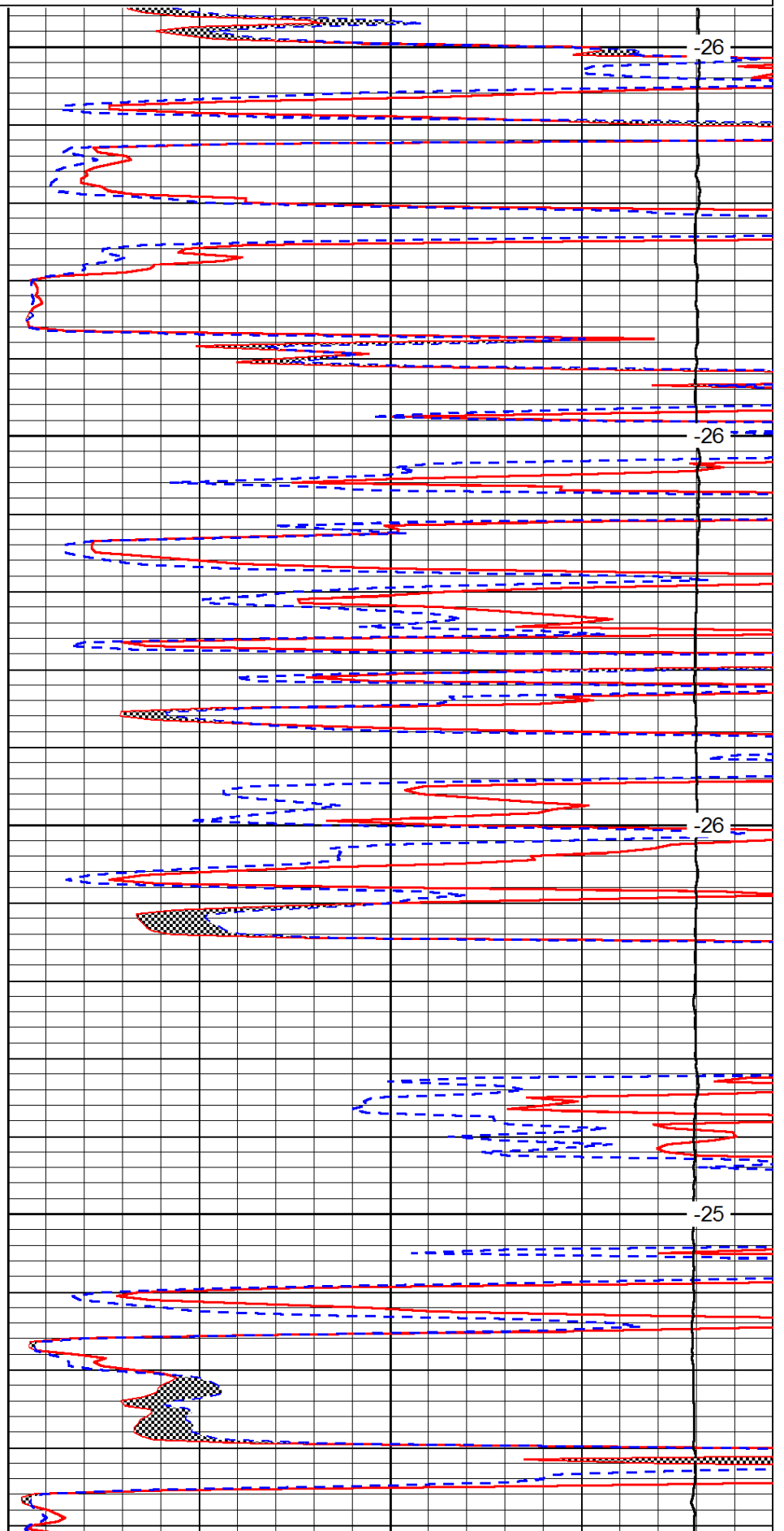


2800

2850

2900

2950

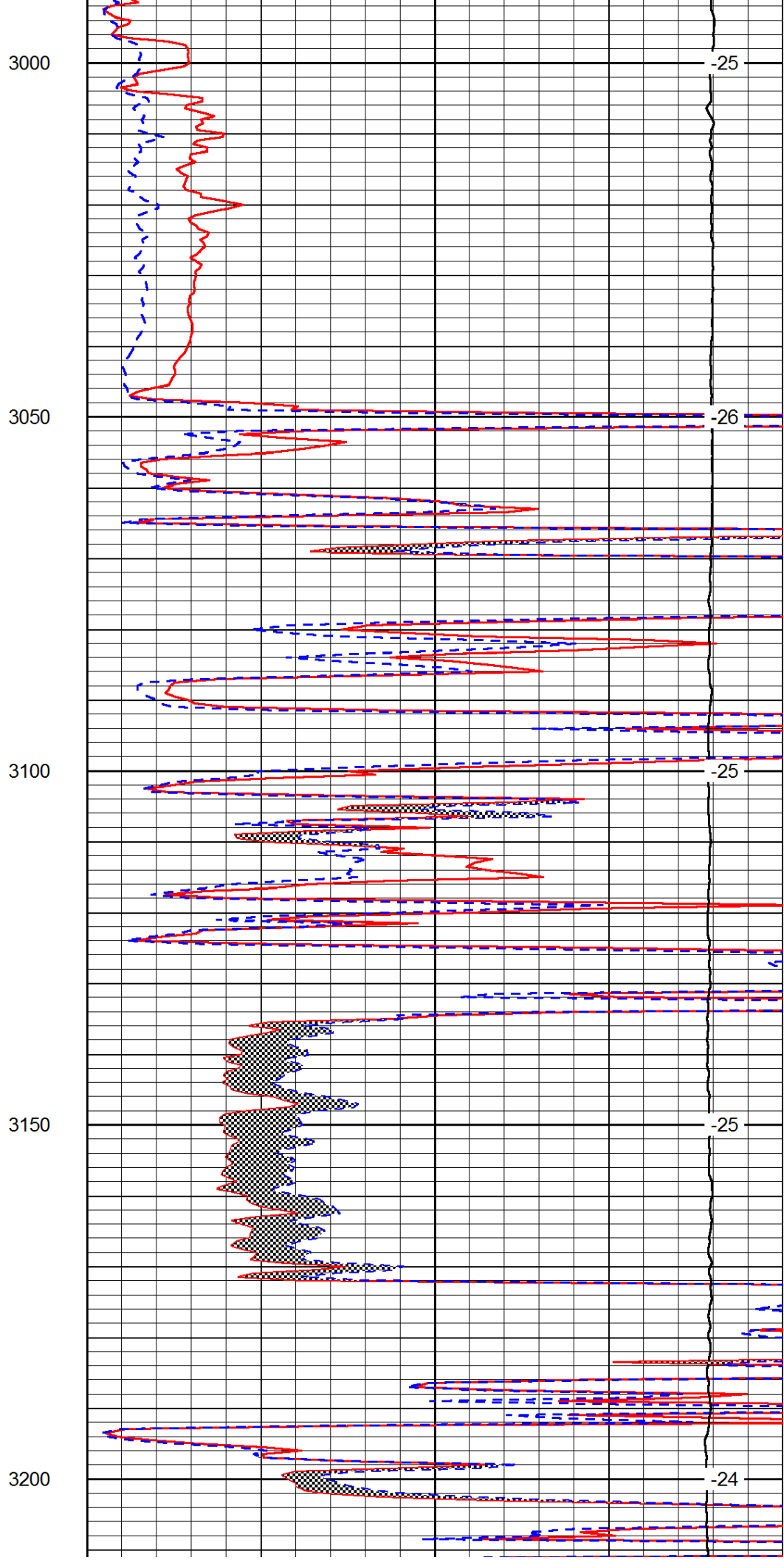
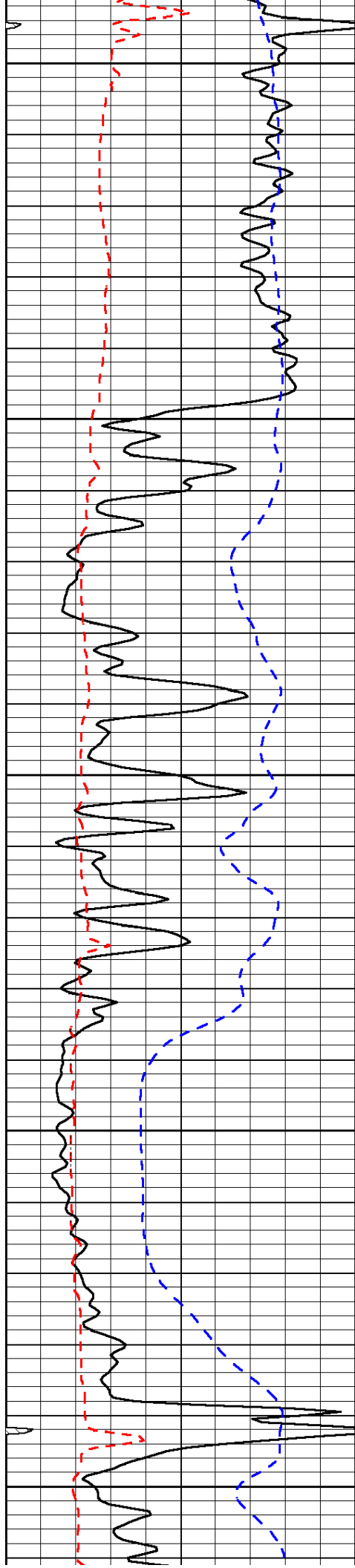


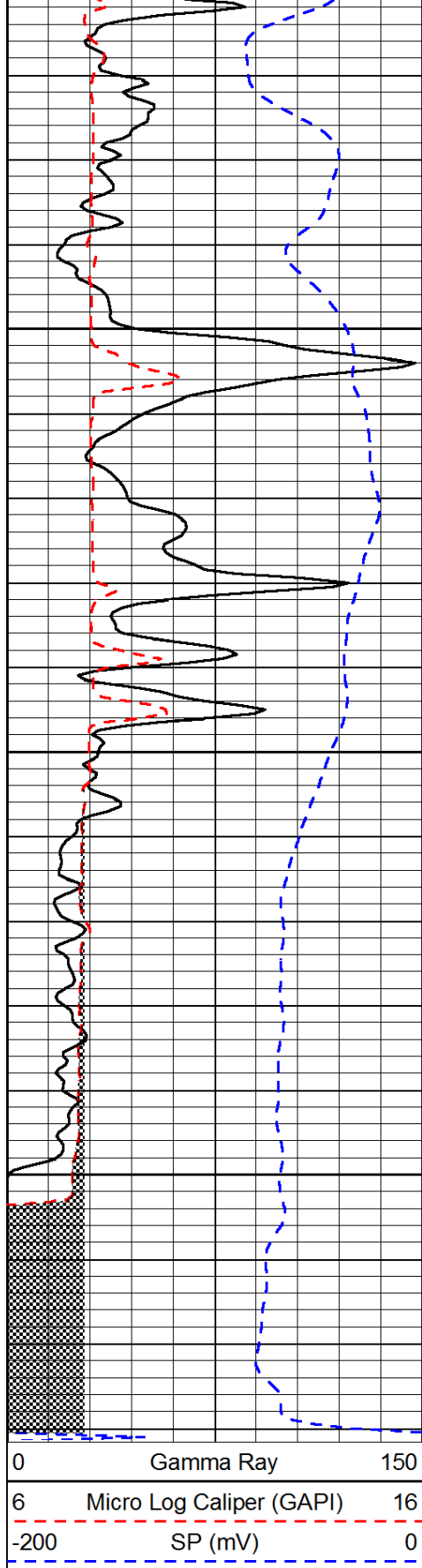
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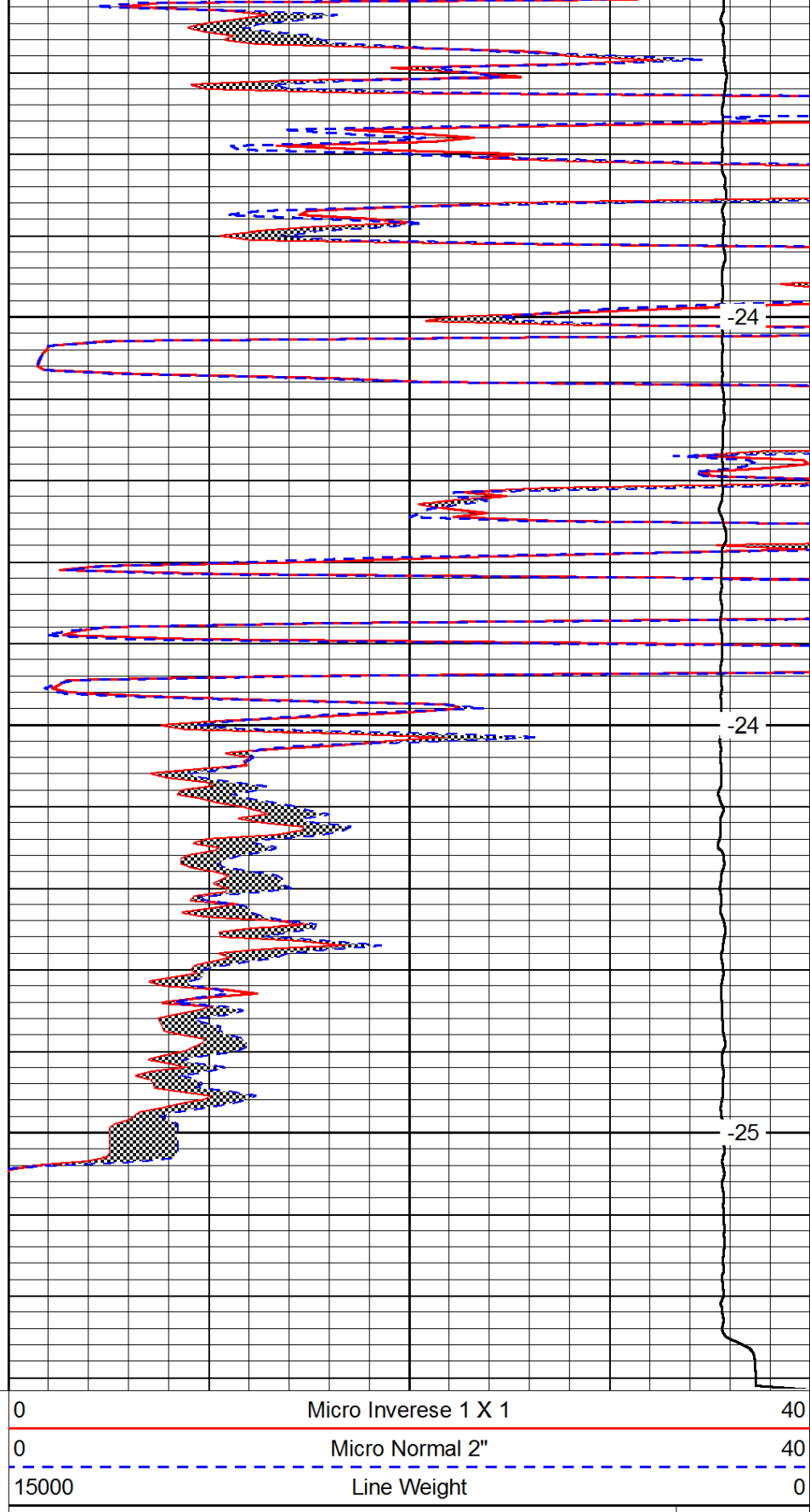




3250

3300

3350



LSPD