



Microresistivity Log

DIGITAL LOG (785) 625-3858

15-195-22,785-00-00

Company Herman L. Loeb, LLC

Well Eva Richardson No. 4-19

Field Mong

County Trego

State

Kansas

Location

SE SW NE SE
1,520' FSL & 985' FEL

Other Services
CNL/CDL
DIL

Sec: 19

Twp: 11S

Rge: 22W

Elevation

Permanent Datum

Ground Level

Elevation 2291

Log Measured From

Kelly Bushing

11 Ft. Above Perm. Datum

K.B. 2302
D.F.
G.L. 2291

Drilling Measured From

Kelly Bushing

Date

6/5/2012

Run Number

Two

Depth Driller

3990

Depth Logger

3990

Bottom Logged Interval

3989

Top Log Interval

3300

Casing Driller

8.625 @ 250

Casing Logger

260

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2600

Density / Viscosity

9.3 52

pH / Fluid Loss

10.5 7.8

Source of Sample

Flowline

Rm @ Meas. Temp

.87 @ 74

Rmf @ Meas. Temp

.65 @ 74

Rmc @ Meas. Temp

1.17 @ 74

Source of Rmf / Rmc

Charts

Rm @ BHT

.56 @ 116

Operating Rig Time

4 Hours

Max Rec. Temp. F

116

Equipment Number

108

Location

Hays

Recorded By

J. Long

Witnessed By

Jim Hall

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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.

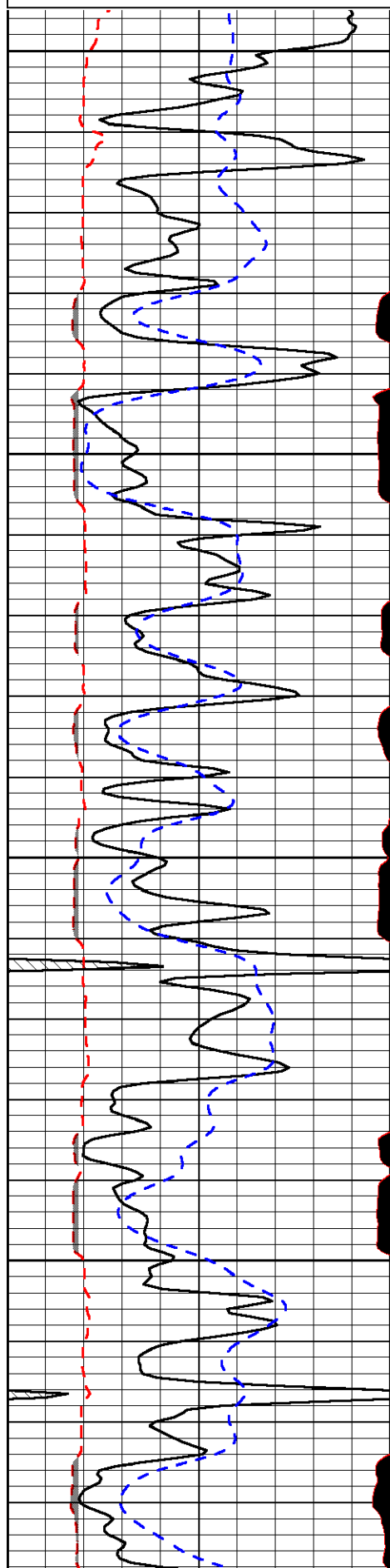
Comments

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

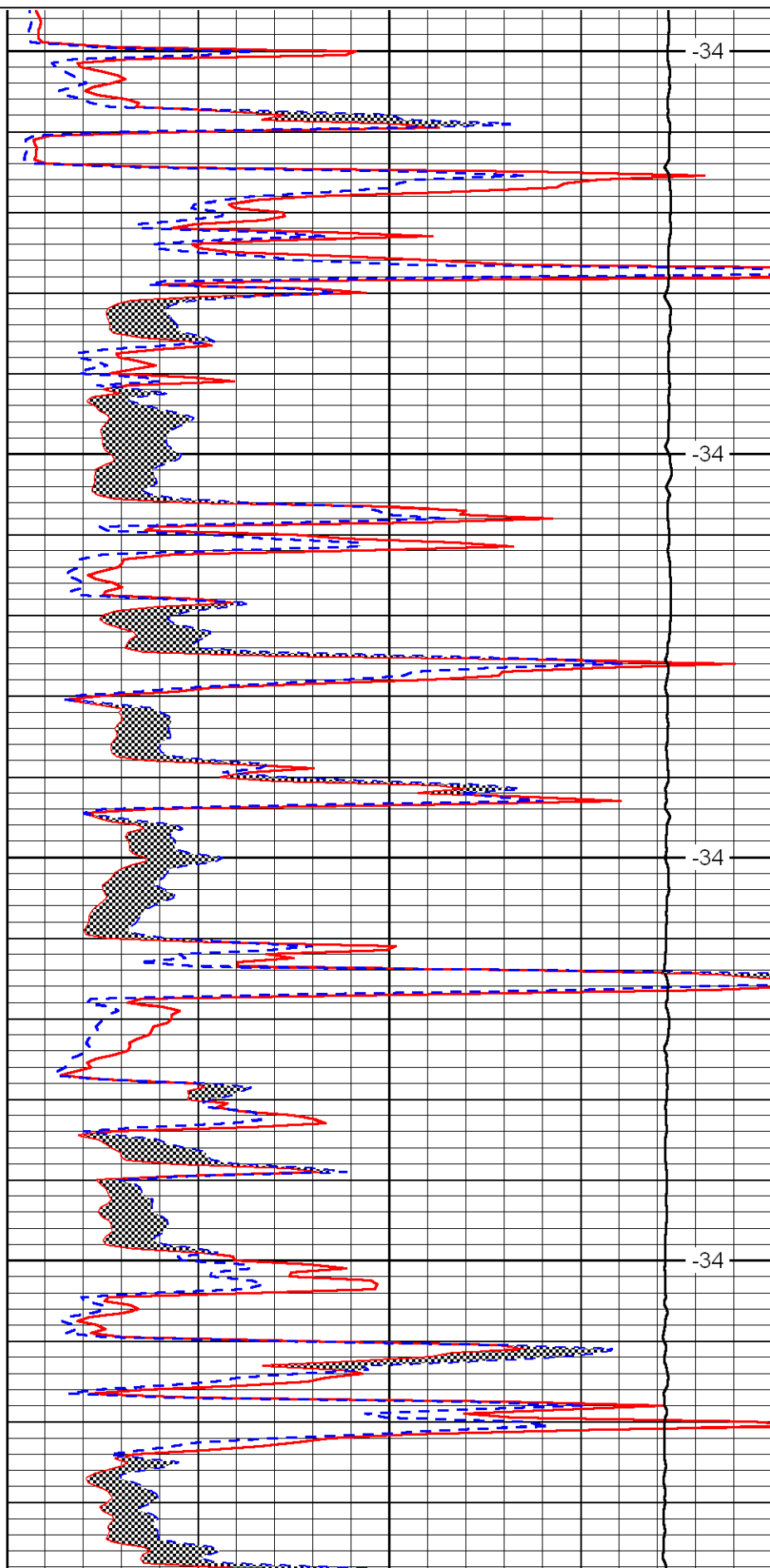
Wakeeney (North Edge), 4 East on H Road to 300 Road, 3 1/4 North, West Into (North side of Tank Battery

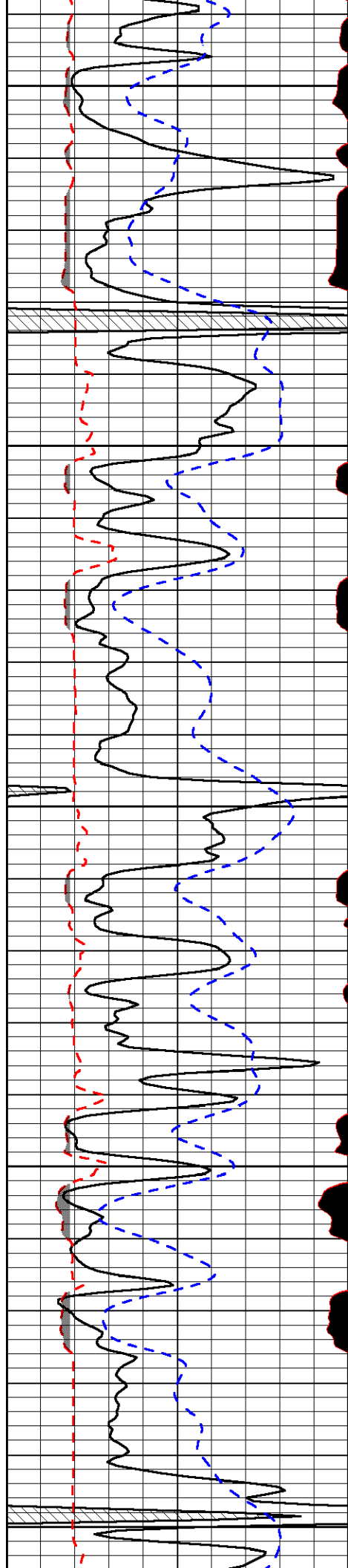
Database File: hermanlloeb_evarichardson_4-19hd.db
Dataset Pathname: dil/hermstock
Presentation Format: micro
Dataset Creation: Tue Jun 05 06:40:59 2012
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0



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





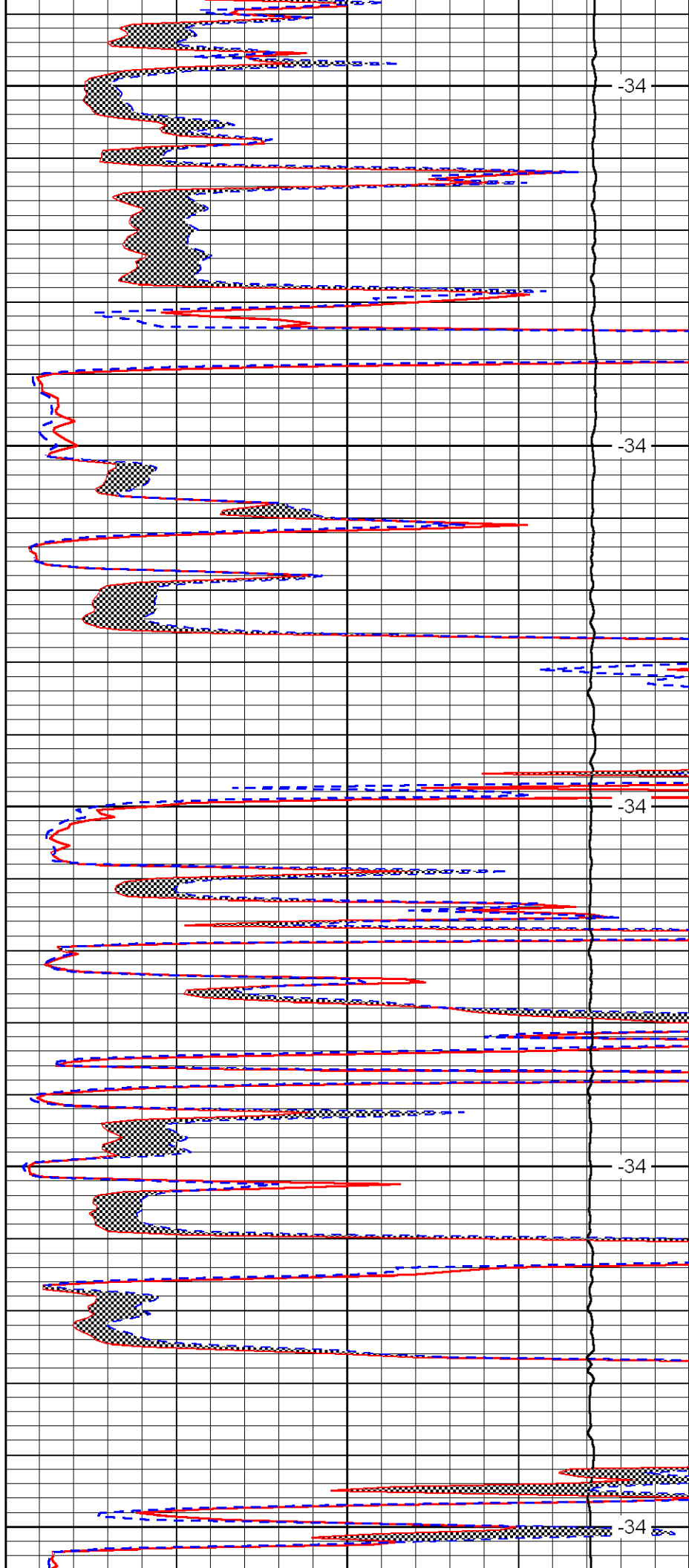
3500

3550

3600

3650

3700



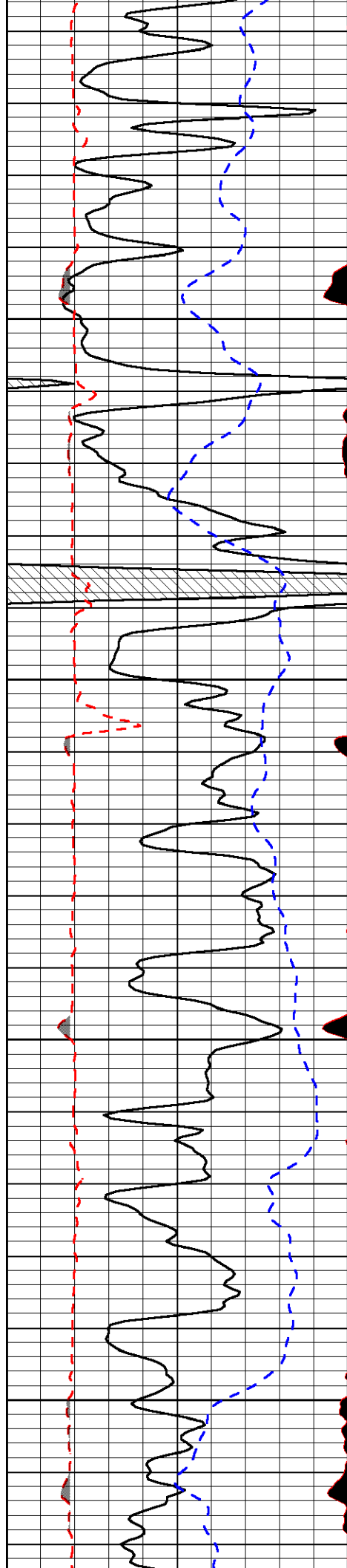
-34

-34

-34

-34

-34

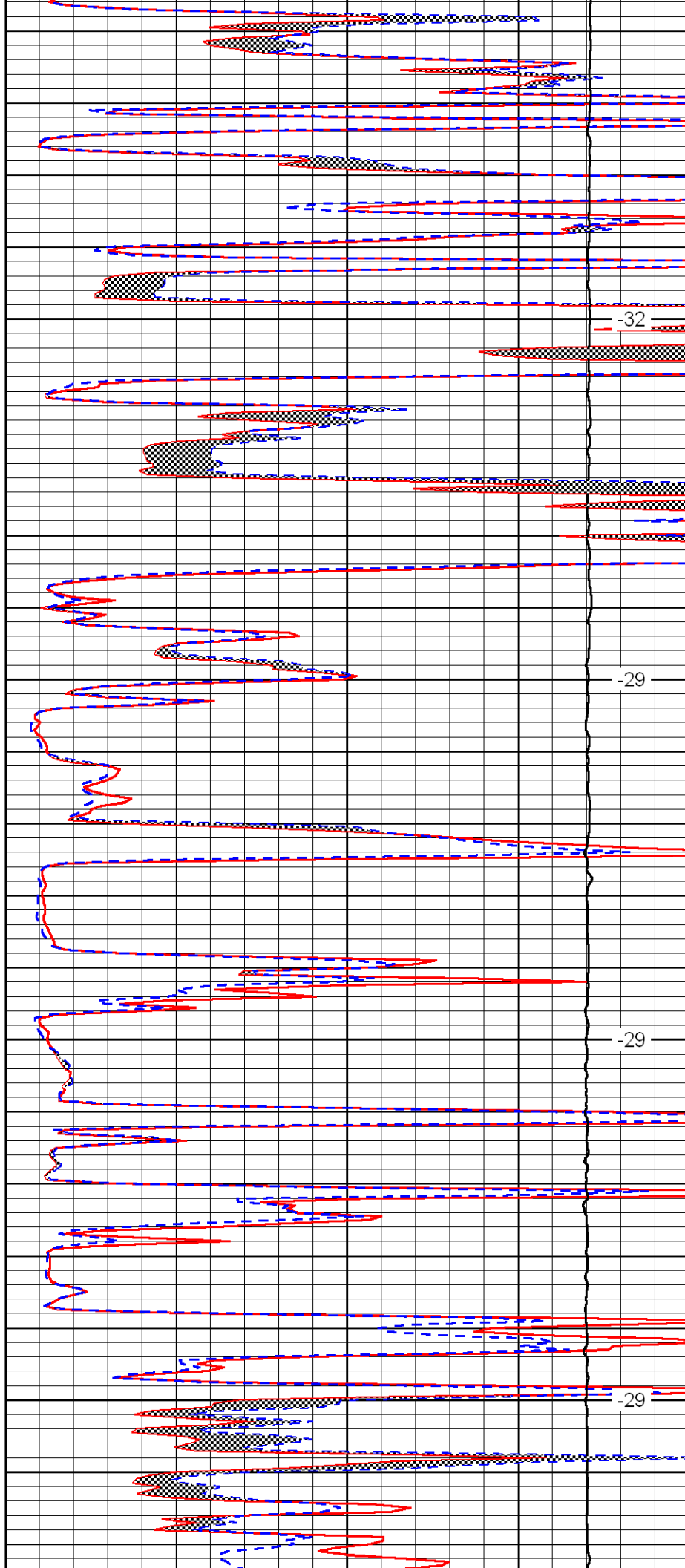


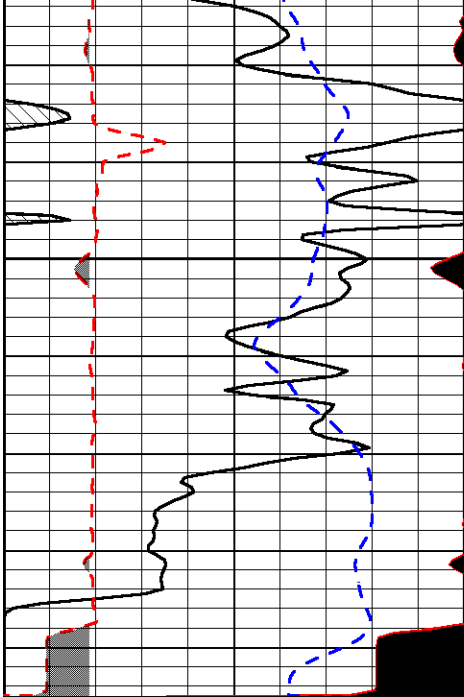
3750

3800

3850

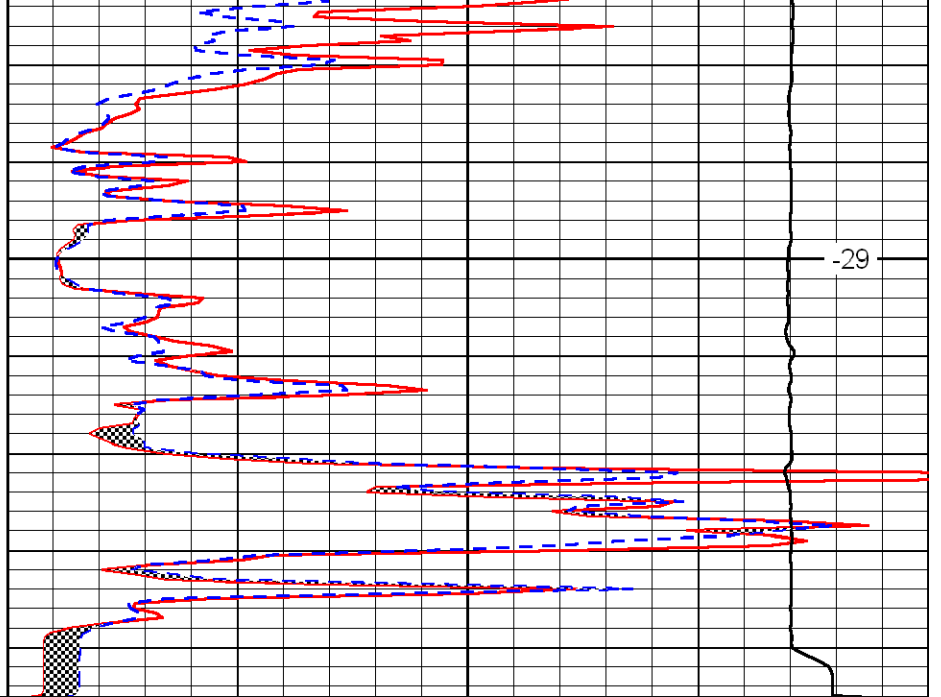
3900





3950

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-29

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10000	Line Weight	0
		LSPD