



Microresistivity Log

Pioneer Energy Services

API No.

15-063-22165-00-00

Company Lario Oil & Gas Company

Well Ottley #4-4

Field Logo SE

County Gove State

Kansas

Location

995' FNL & 335' FWL

Other Services
CNL/CDL
DIL

Sec: 4

Twp: 13S

Rge: 31W

Elevation

Permanent Datum Ground Level

Elevation 2938

Log Measured From Kelly Bushing

8 Ft. Above Perm. Datum

K.B. 2946
D.F. 2938
G.L. 2938

Date

1/9/2014

Run Number

Two

Depth Driller

4750

Depth Logger

4746

Bottom Logged Interval

4745

Top Log Interval

3500

Casing Driller

8.625 @ 259

Casing Logger

260

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2300

Density / Viscosity

9.5 52
10.5 7.2

pH / Fluid Loss

Flowline

Source of Sample

1.96 @ 30

Rm @ Meas. Temp

1.47 @ 30

Rmf @ Meas. Temp

2.65 @ 30

Rmc @ Meas. Temp

Charts

Source of Rmf / Rmc

0.47 @ 126

Rm @ BHT

4 Hours

Operating Rig Time

126

Max Rec. Temp. F

91

Equipment Number

Hays

Location

D. Schmidt

Recorded By

Steve Davis

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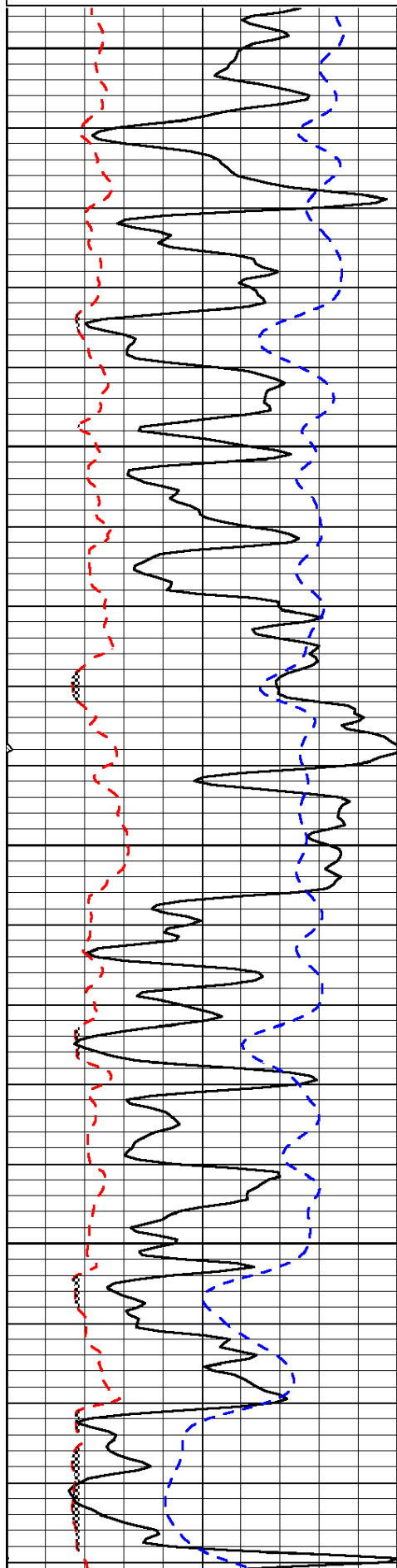
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 Pioneer Energy Services
www.pioneerres.com
785 625 3858
Oakley,
11 South on Hwy 83 to Seneca Rd, 4 East, 1/4 South,
East into

Database File: c:\warrior\data\lario_ottley #4-4\lario_010914hd.db
Dataset Pathname: dil\larstck
Presentation Format: micro
Dataset Creation: Thu Jan 09 08:53:16 2014
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

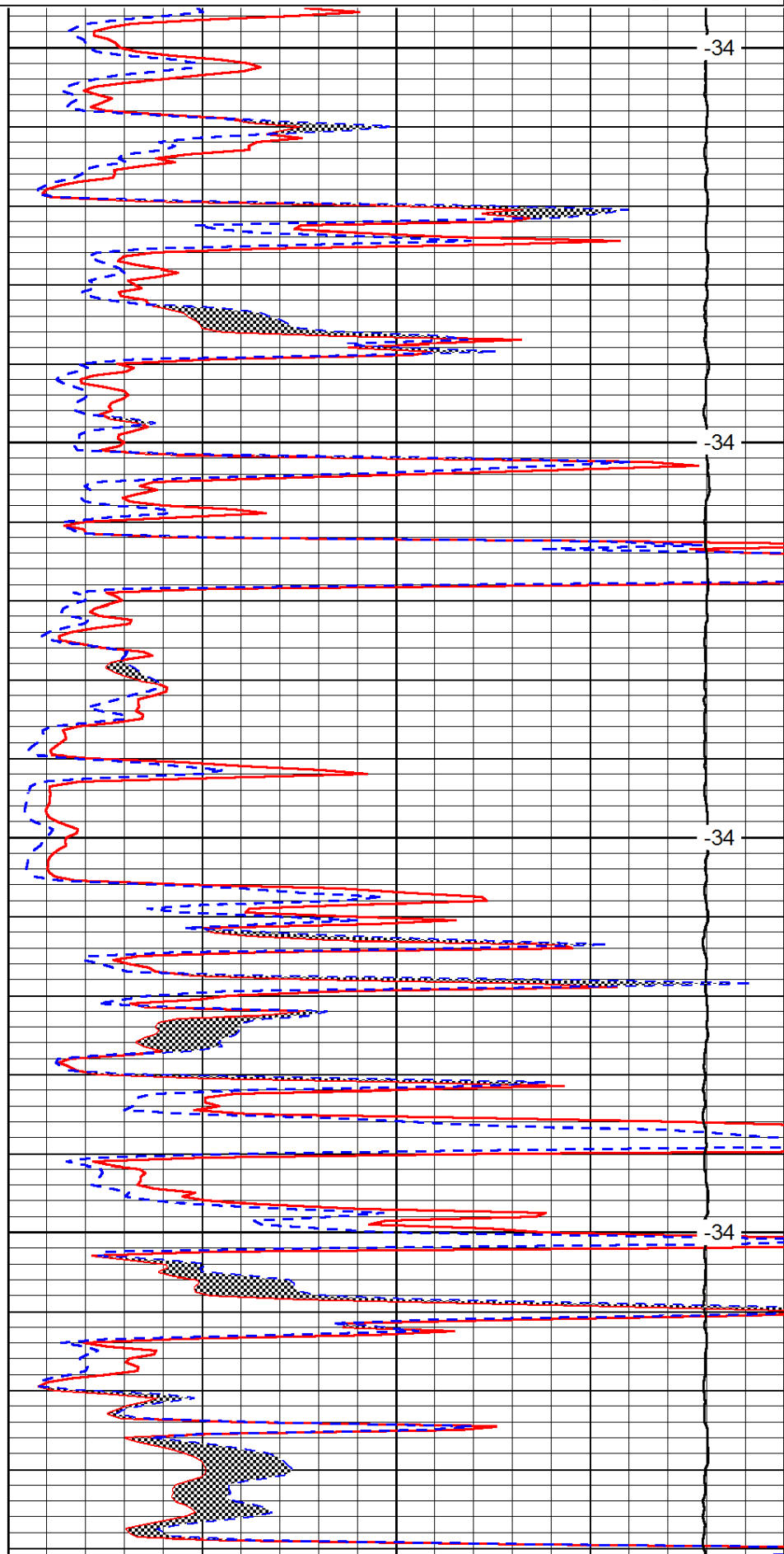


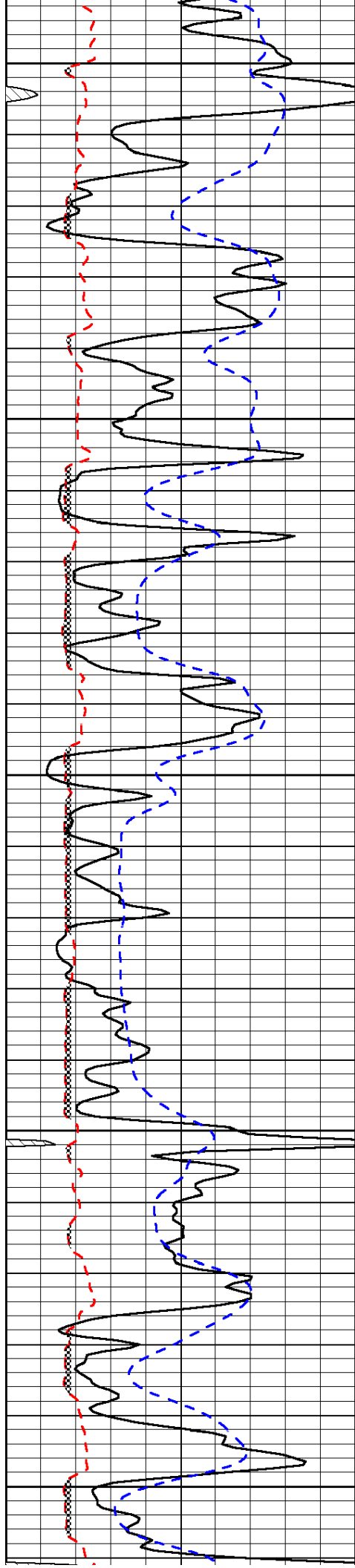
3500

3550

3600

3650





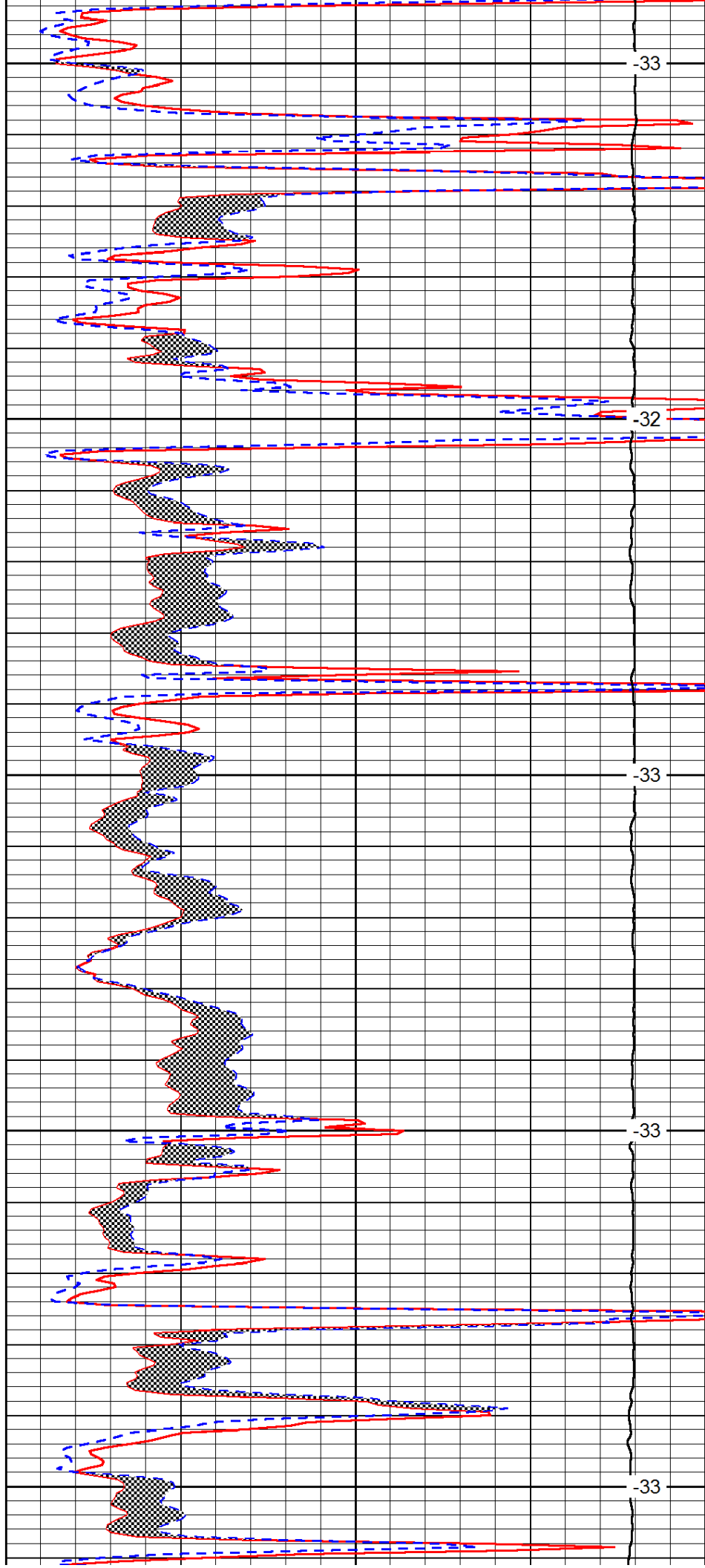
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3750

3800

3850

3900



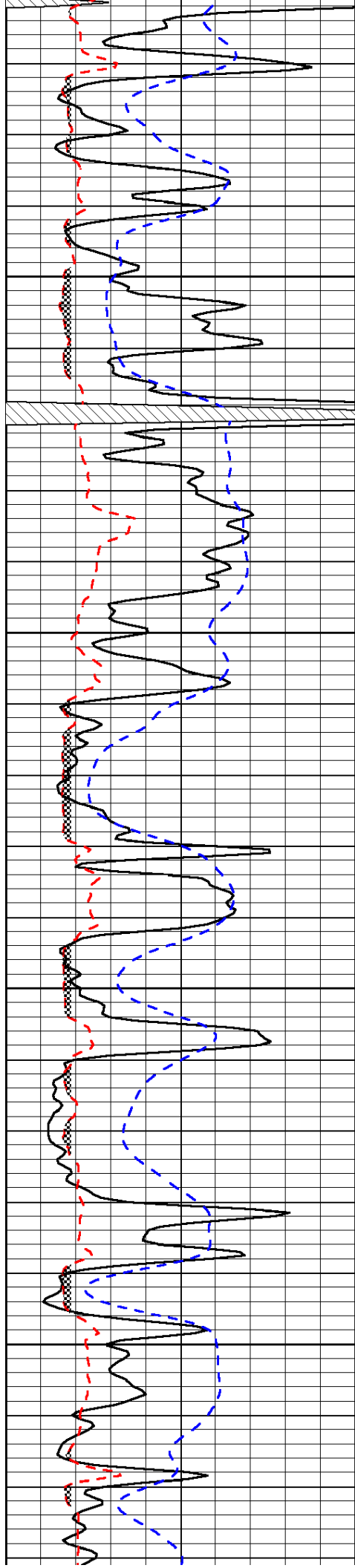
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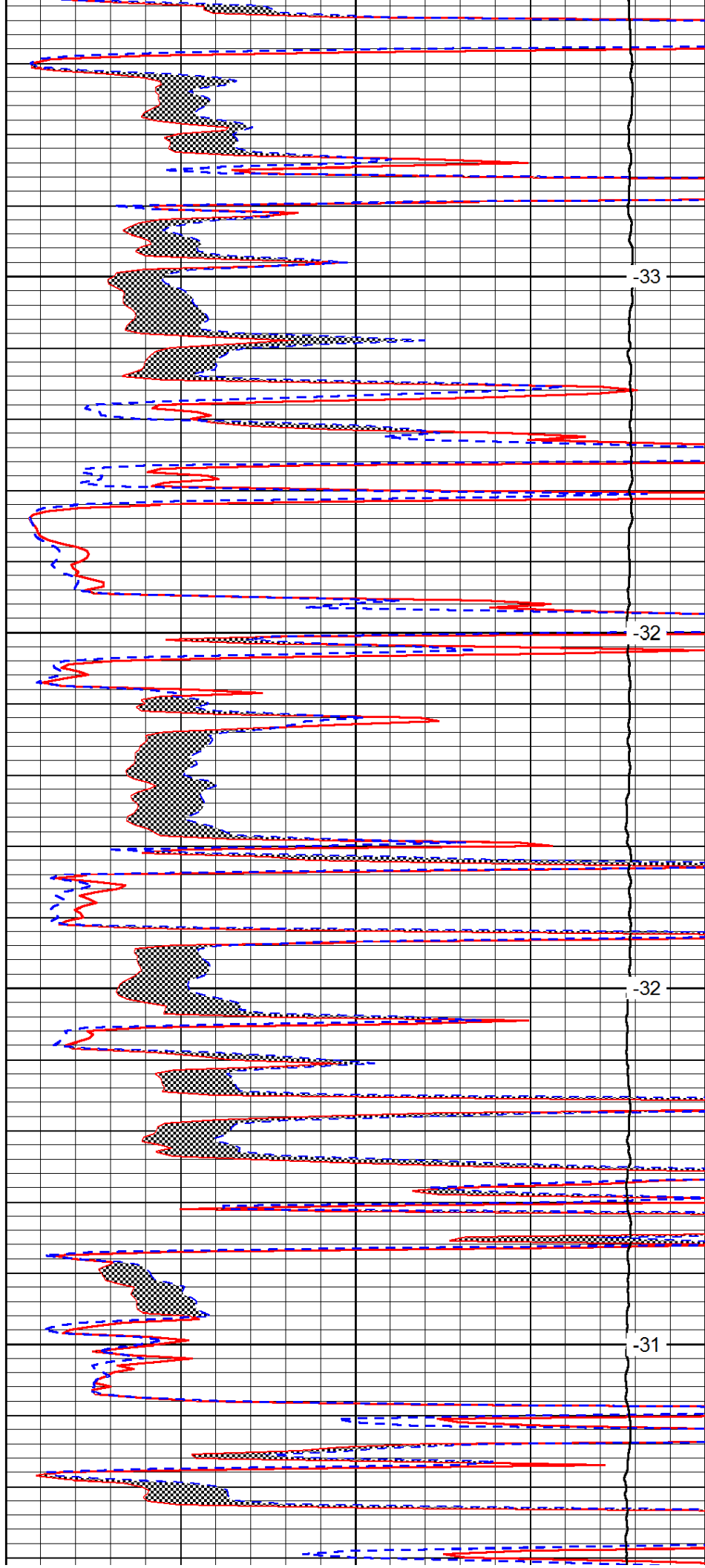


3950

4000

4050

4100

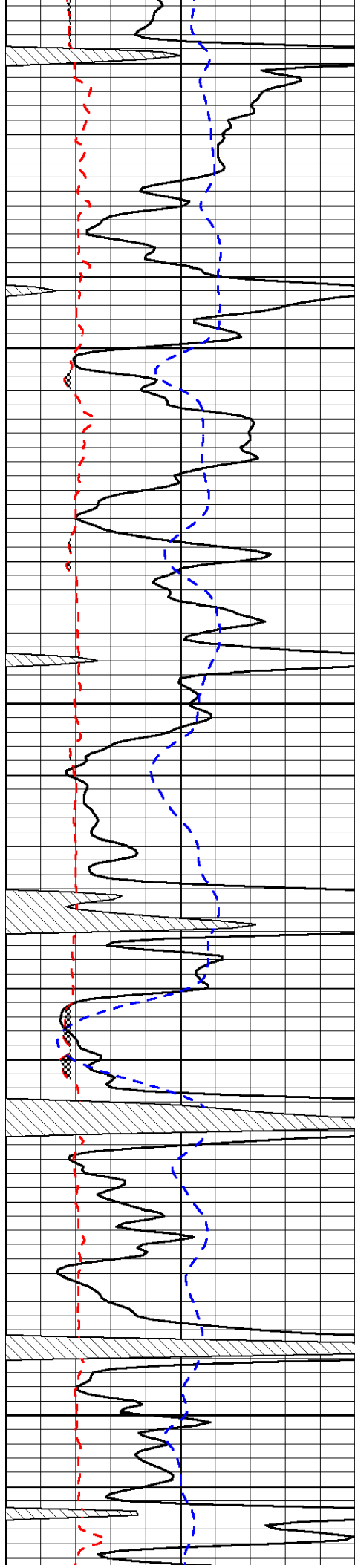


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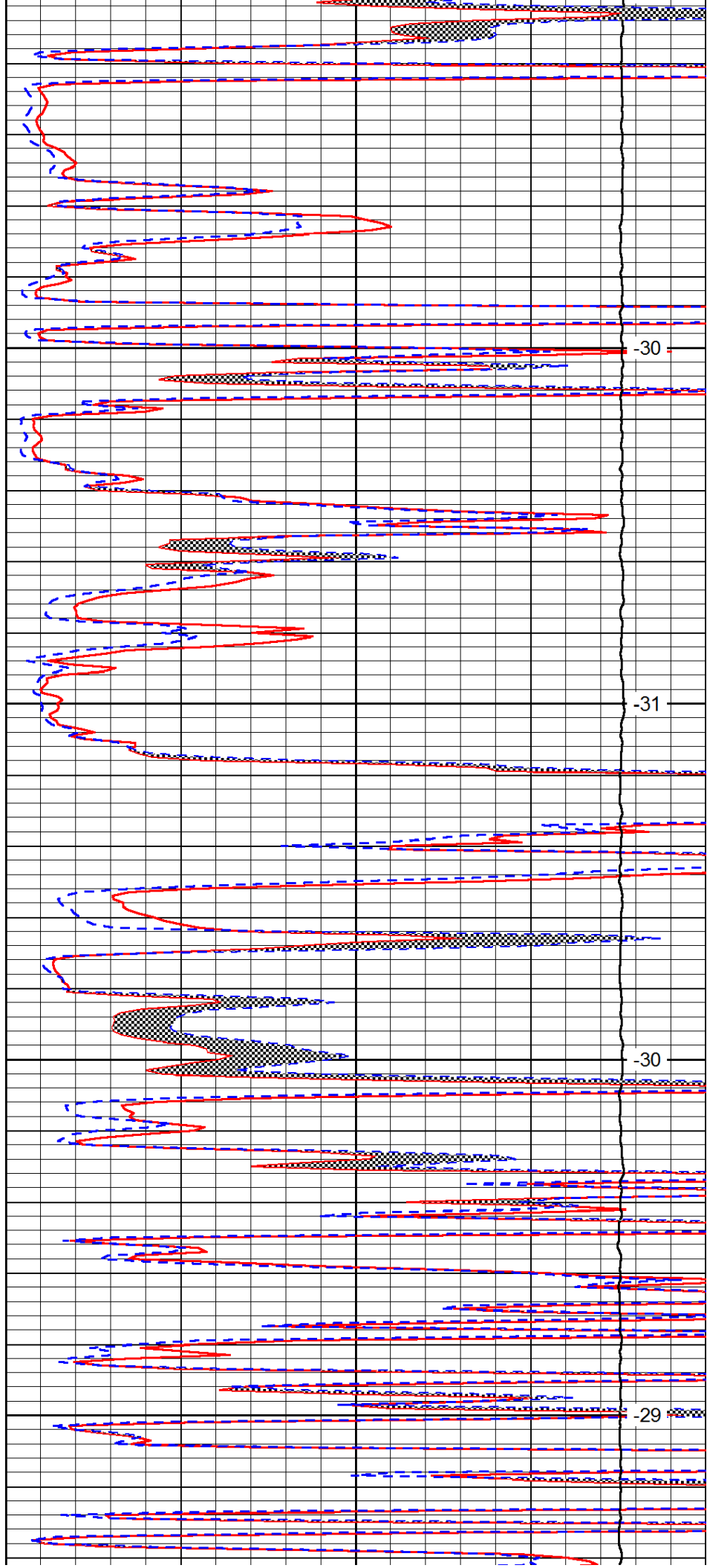


4400

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4500

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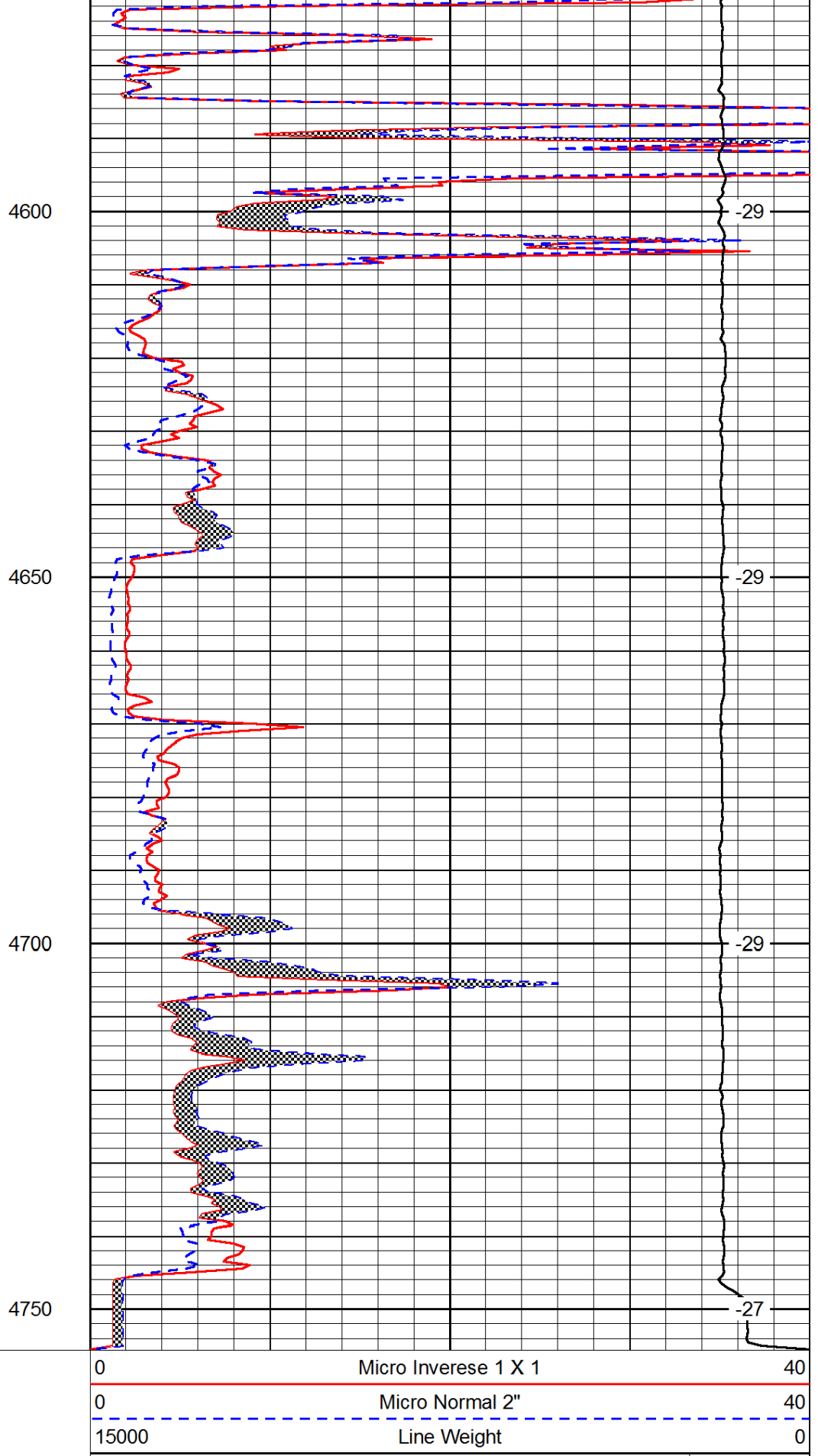
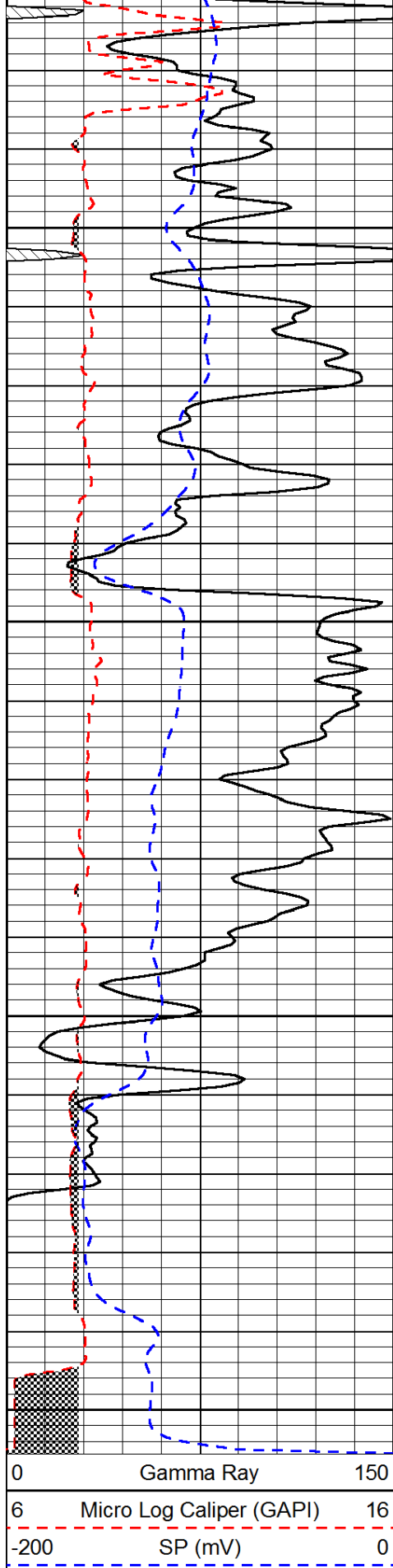


-30

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-29



LSPD