



Microresistivity Log

Pioneer Energy Services

API No.

15-009-25,857-00-00

Company LB Exploration, Inc.

Well Kingston No. 5

Field Larkin North

County Barton State

Kansas

Location

NE-NE-SE-NE
1374' FNL & 173' FEL

Sec: 3 Twp: 17S Rge: 14W

Permanent Datum Ground Level Elevation 1956
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
DIL

Elevation
K.B. 1969
D.F. 1956
G.L. 1956

Date

7/18/2013

Run Number

Two

Depth Driller

3520

Depth Logger

3518

Bottom Logged Interval

3517

Top Log Interval

2600

Casing Driller

8.625 @ 440

Casing Logger

436

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

7.000

Density / Viscosity

8.9 49

pH / Fluid Loss

10.0 8.8

Source of Sample

Flowline

Rm @ Meas. Temp

.38 @ 80

Rmf @ Meas. Temp

.29 @ 80

Rmc @ Meas. Temp

.51 @ 80

Source of Rmf / Rmc

Charts

Rm @ BHT

.27 @ 111

Operating Rig Time

4 Hours

Max Rec. Temp. F

111

Equipment Number

15

Location

Hays

Recorded By

J. Henrickson

Witnessed By

D. Kerr

Steve Peterman

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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.

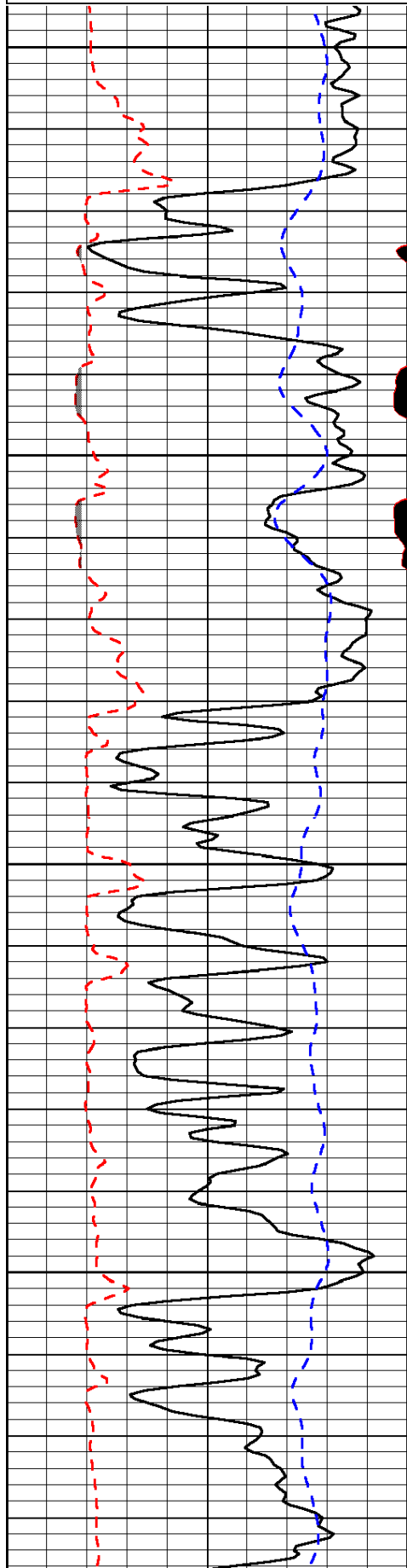
Comments

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

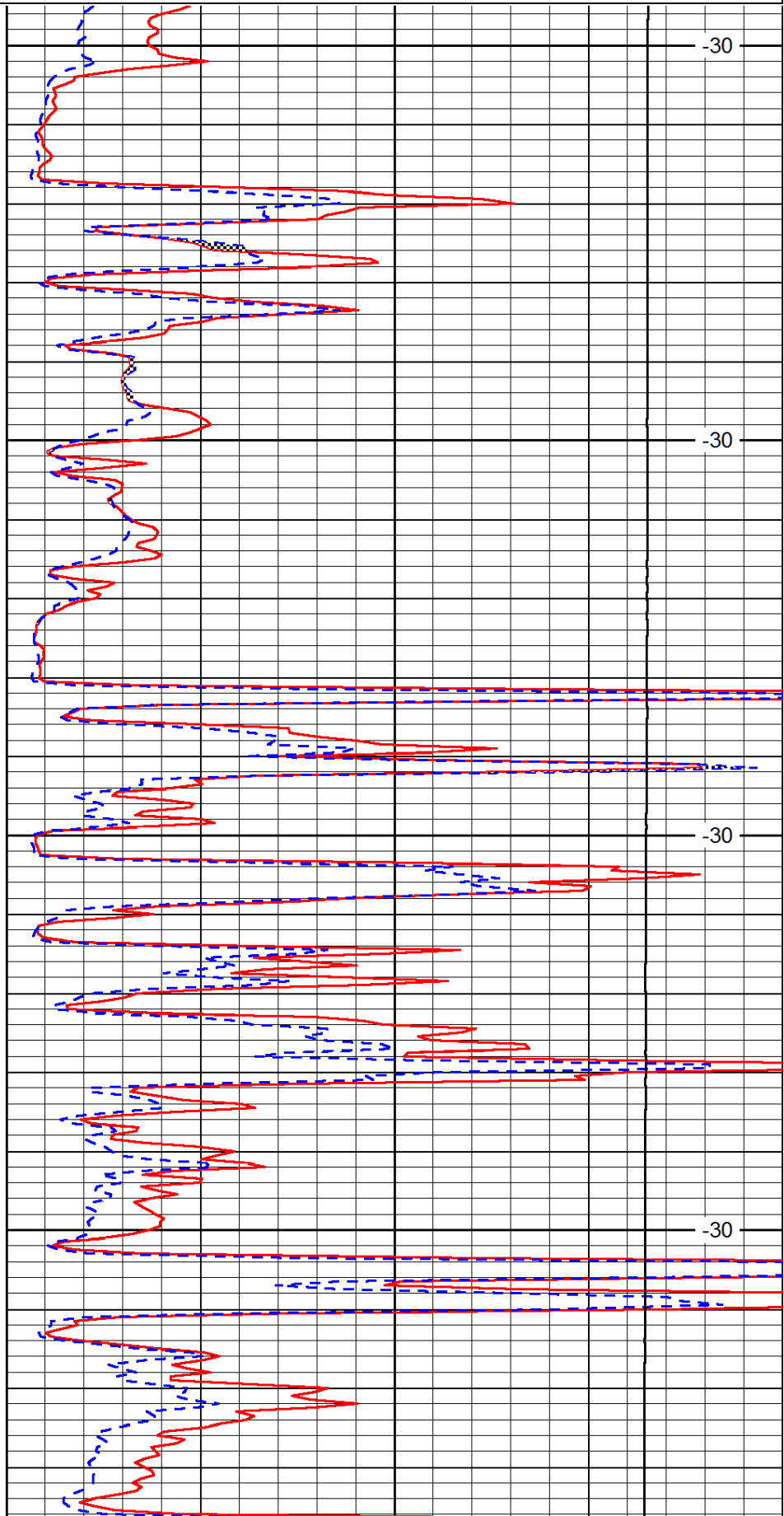
Hoisington Kansas
4 North on Hwy 281, West Into

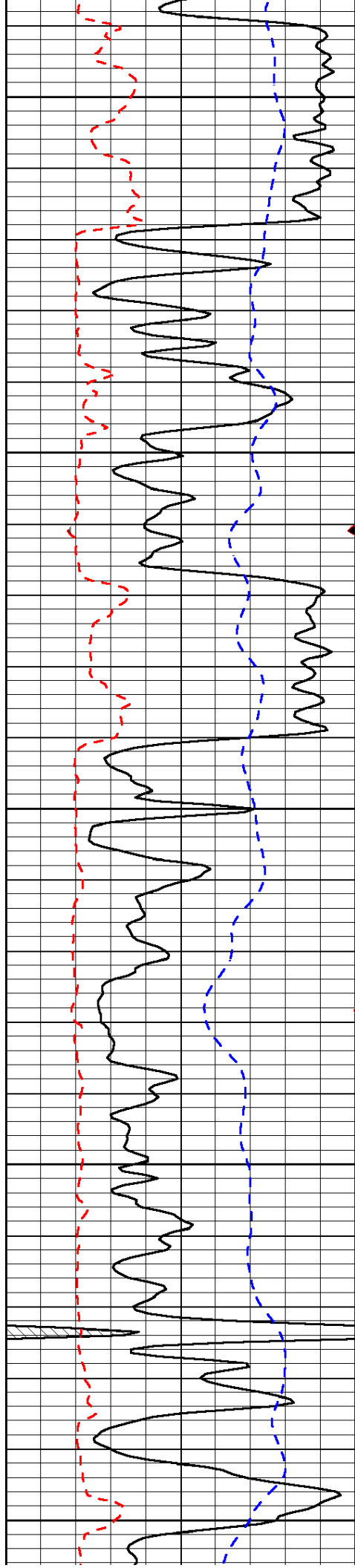
Database File: lb_exploration_kingston_5hd.db
Dataset Pathname: DIL/lbstk
Presentation Format: micro
Dataset Creation: Thu Jul 18 04:30:21 2013
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0



0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0
		LSPD (ft/min)





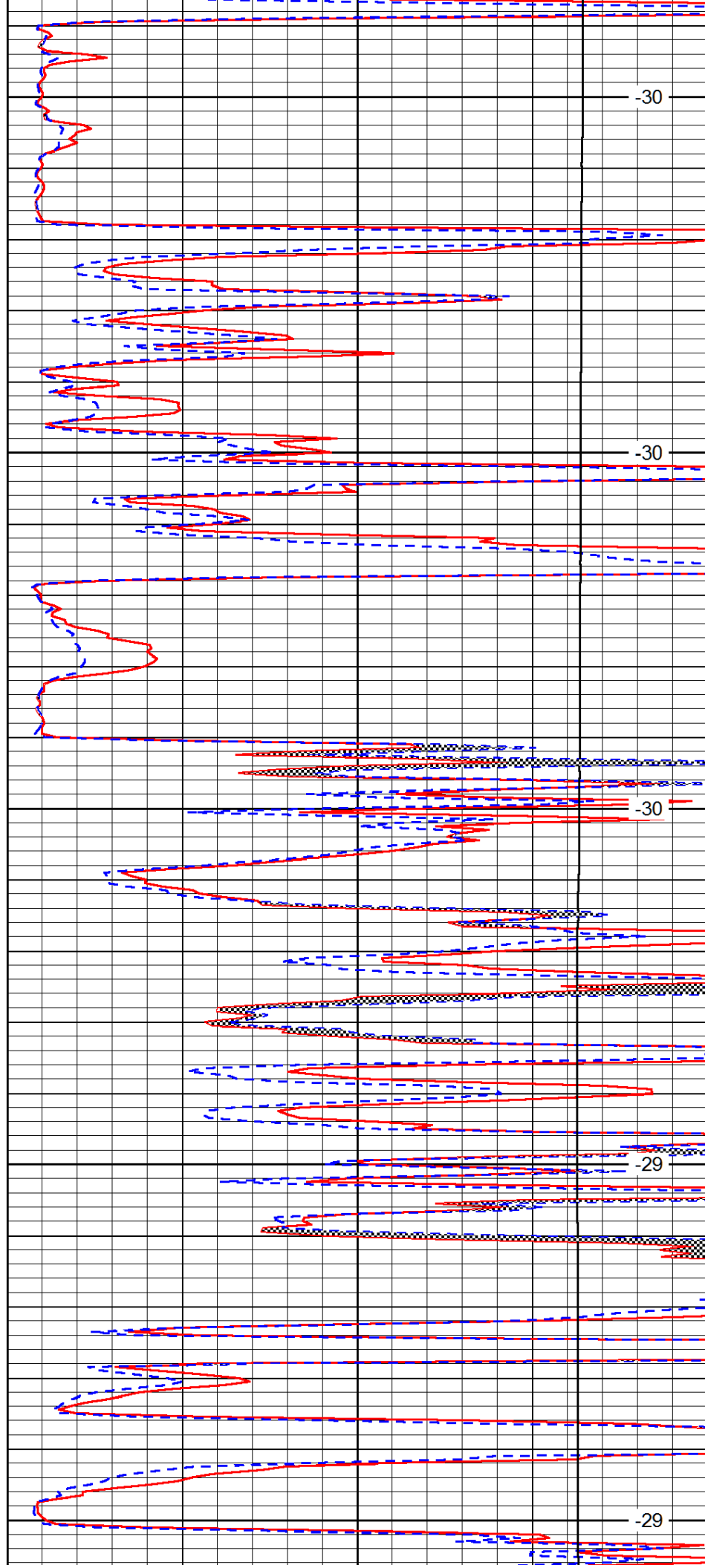
2800

2850

2900

2950

3000



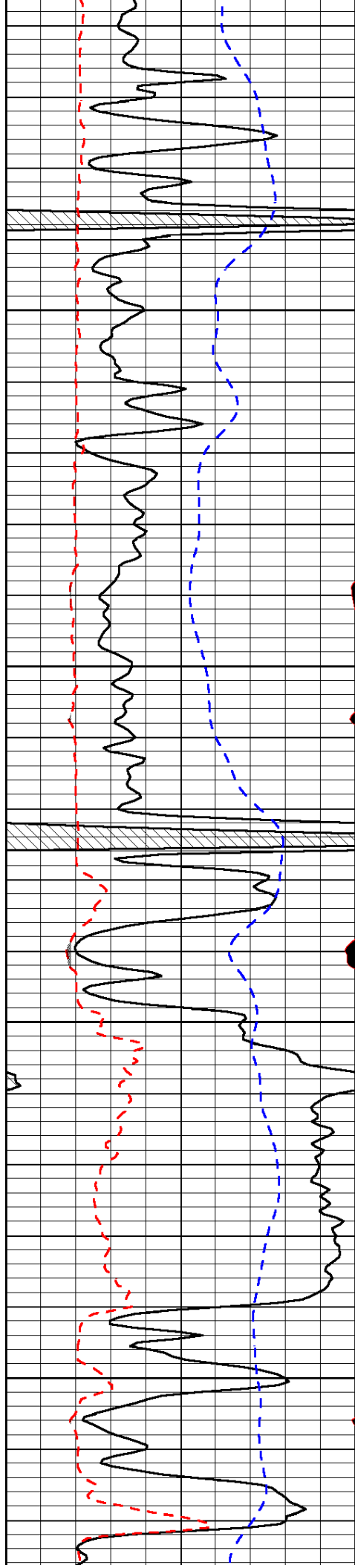
-30

-30

-30

-29

-29

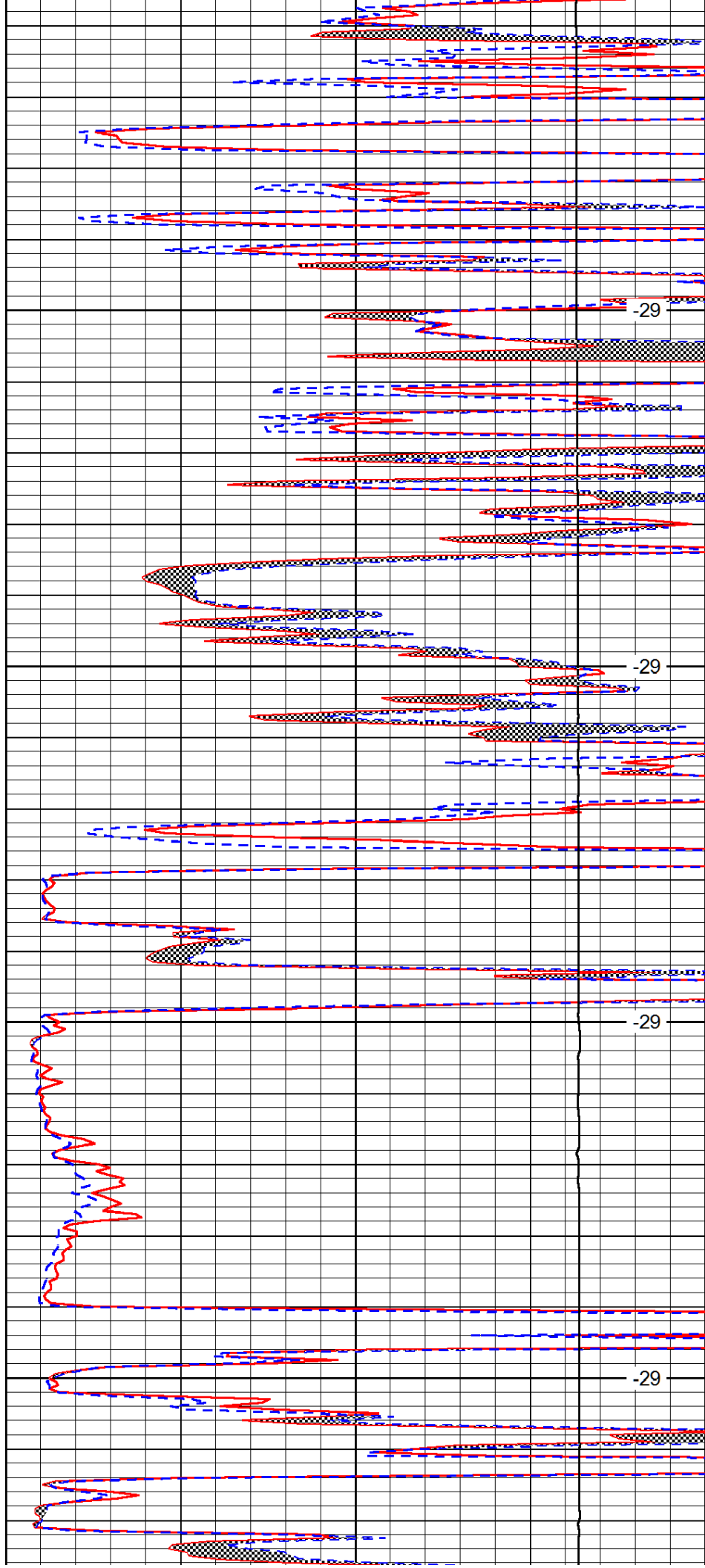


3050

3100

3150

3200

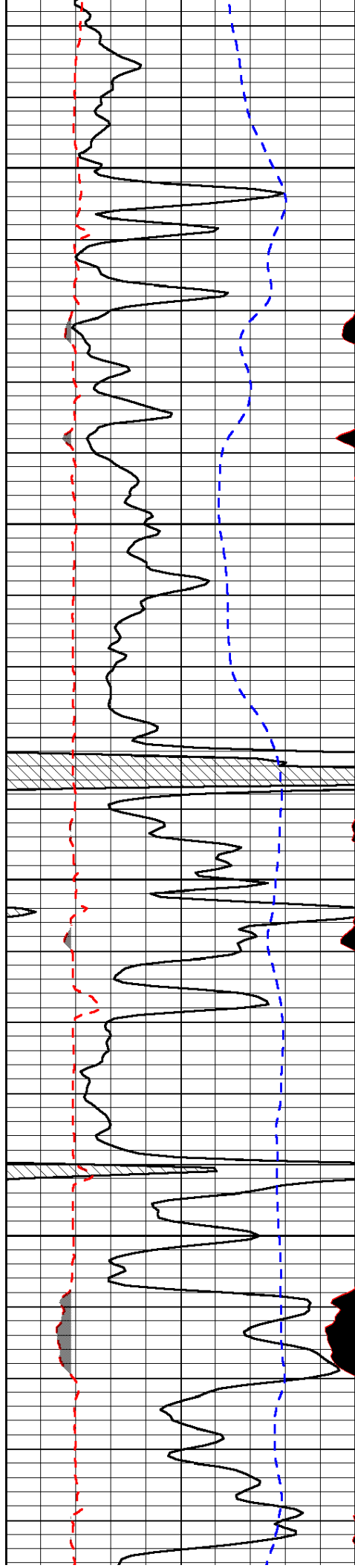


-29

-29

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3250

3300

3350

3400

