



Microresistivity Log

Pioneer Energy Services

API No.

15-101-22,492-00-00

Company Larson Engineering, Inc.

Well Geneva #1-28

Field Wildcat

County Lane State

Kansas

Location

S/2 SE NE NW
1103' FNL & 2310' FWL

Sec: 28

Twp: 18S

Rge: 28W

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation

K.B. 2707
D.F. 2707
G.L. 2700

Date

2/20/2014

Run Number

Two

Depth Driller

4585

Depth Logger

4580

Bottom Logged Interval

4579

Top Log Interval

3600

Casing Driller

8.625 @ 274

Casing Logger

273

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2800

Density / Viscosity

9.3 65

pH / Fluid Loss

9.5 8.8

Source of Sample

Flowline

Rm @ Meas. Temp

0.70 @ 63

Rmf @ Meas. Temp

0.53 @ 63

Rmc @ Meas. Temp

0.95 @ 63

Source of Rmf / Rmc

Charts

Rm @ BHT

0.36 @ 122

Operating Rig Time

4 Hours

Max Rec. Temp. F

122

Equipment Number

15

Location

Hays

Recorded By

D. Kerr

Witnessed By

Vern Schrag

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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.

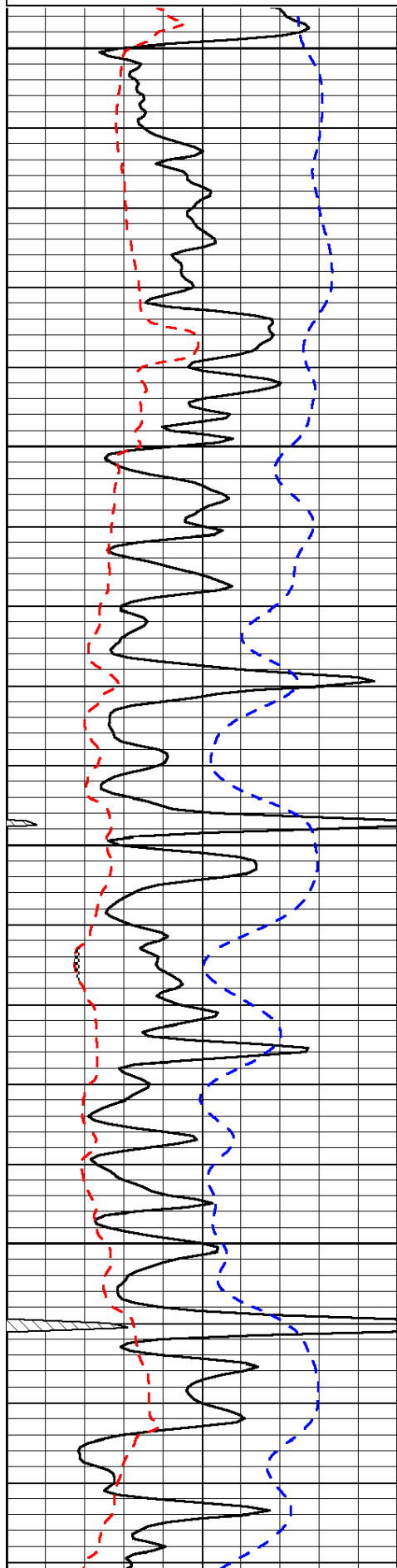
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

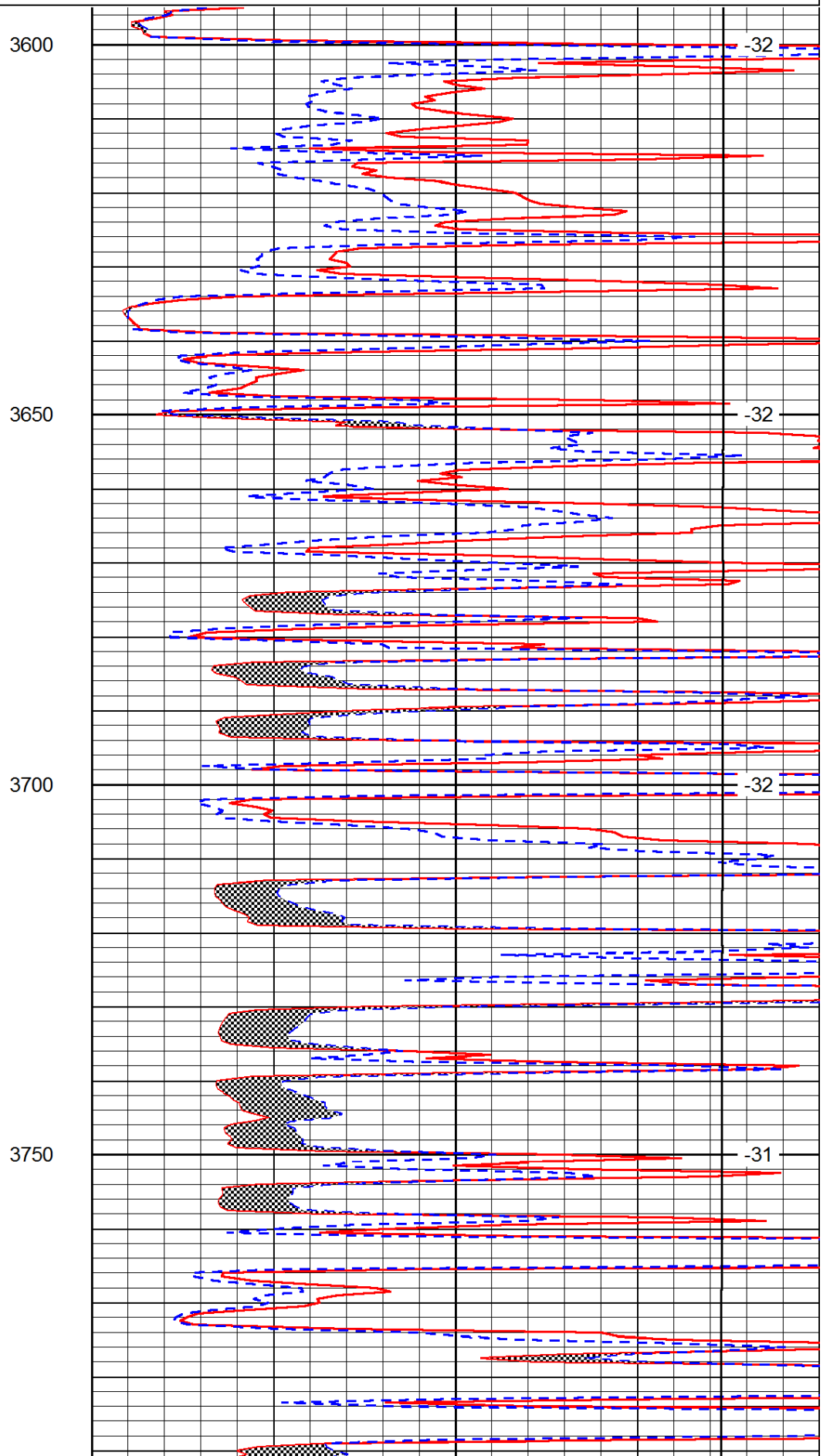
Dighton KS, 2 East to Mustang RD,
1 South, East Into

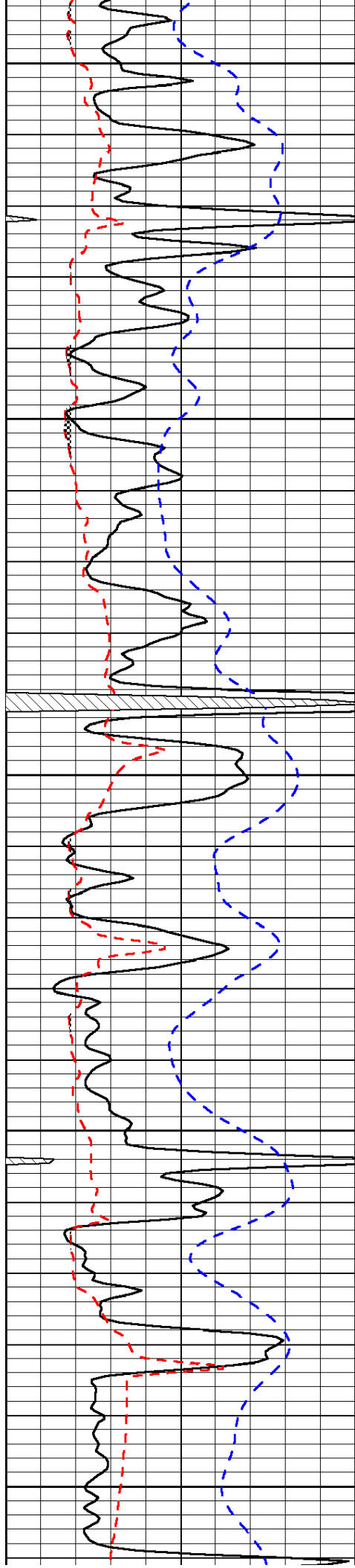
Database File: c:\warrior\data\larson_geneva #1-28\larson_geneva_1_28hd.db
Dataset Pathname: DIL\larstk
Presentation Format: micro
Dataset Creation: Thu Feb 20 19:59:04 2014
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0





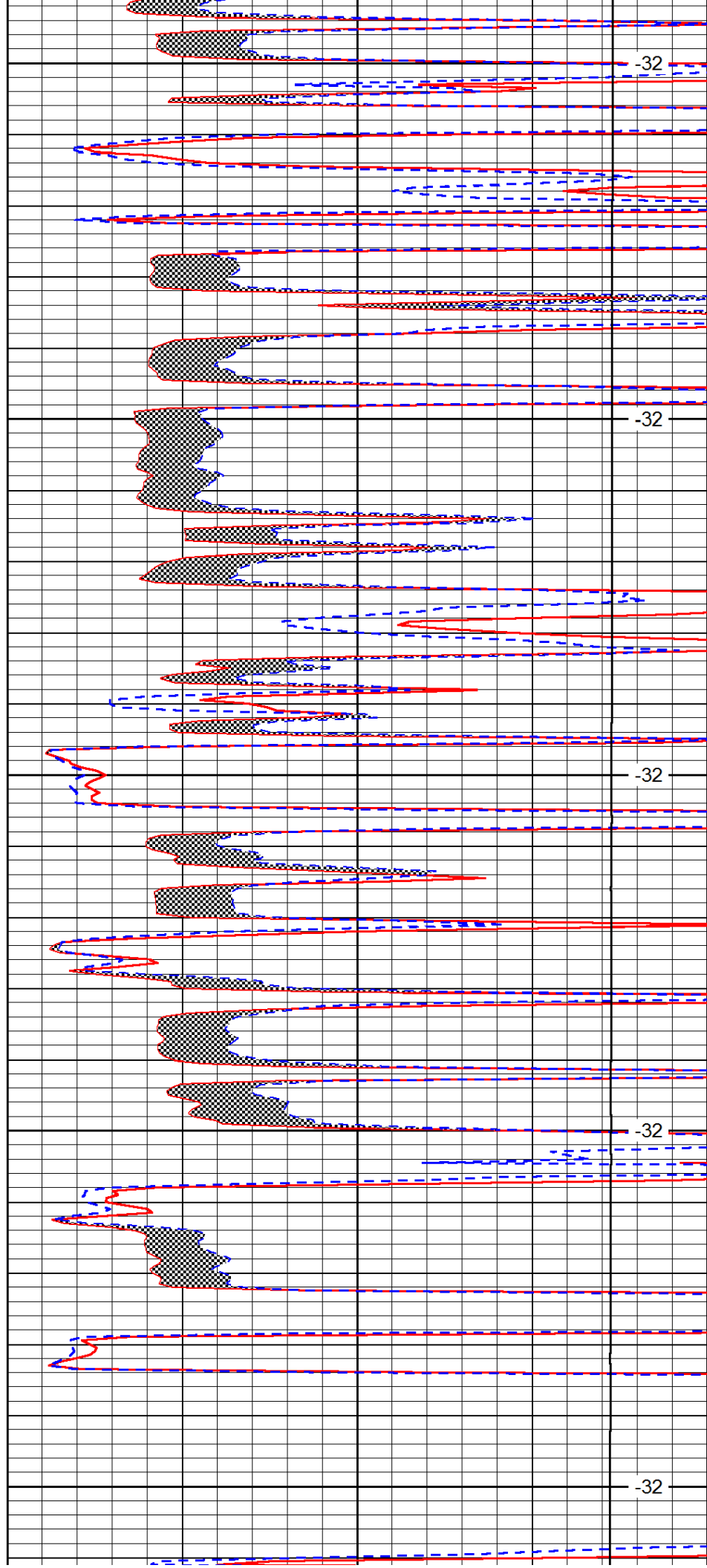
3800

3850

3900

3950

4000



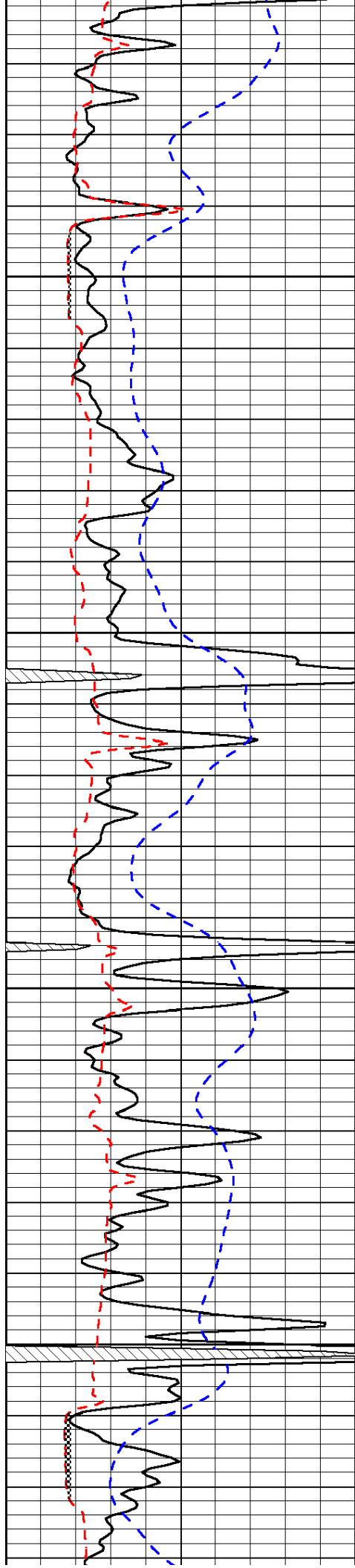
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-32

-32

-32

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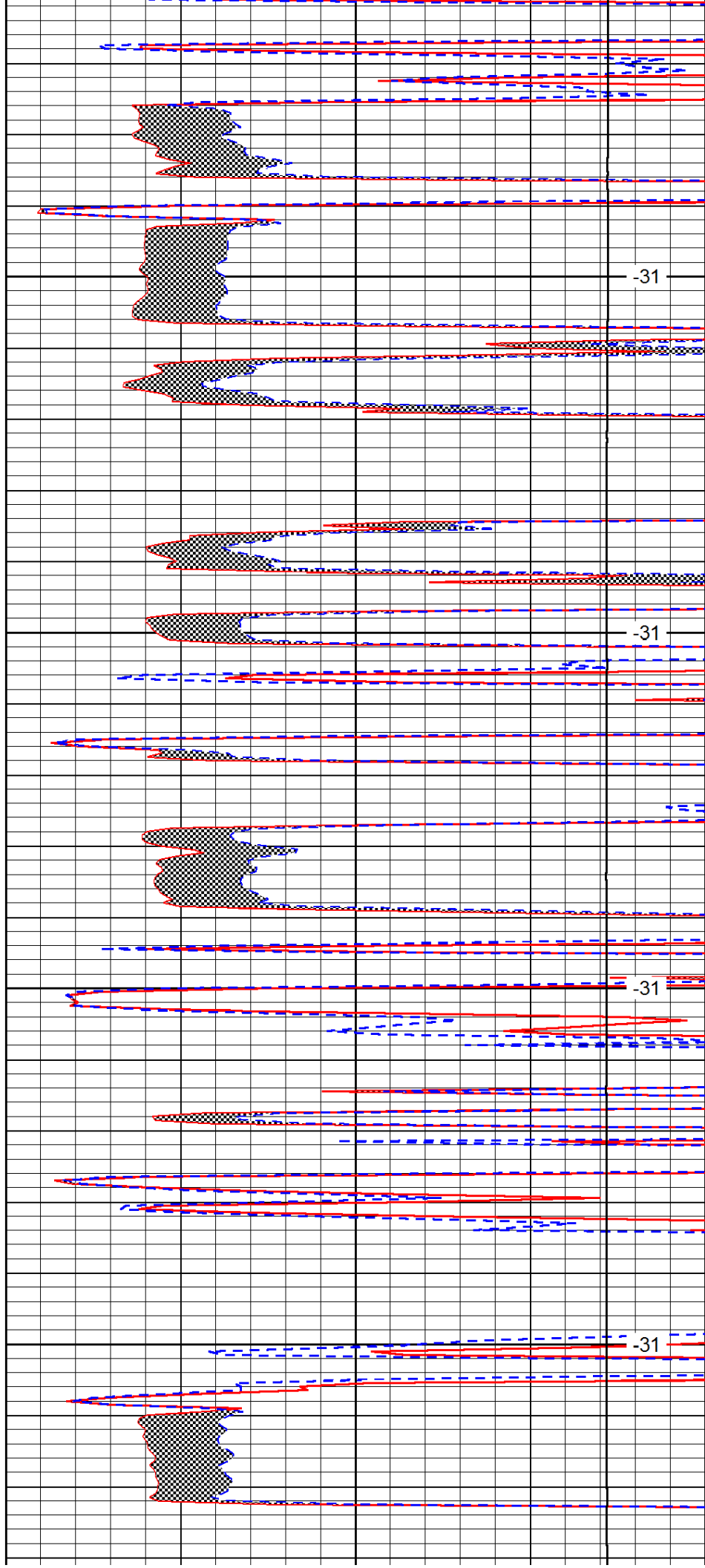


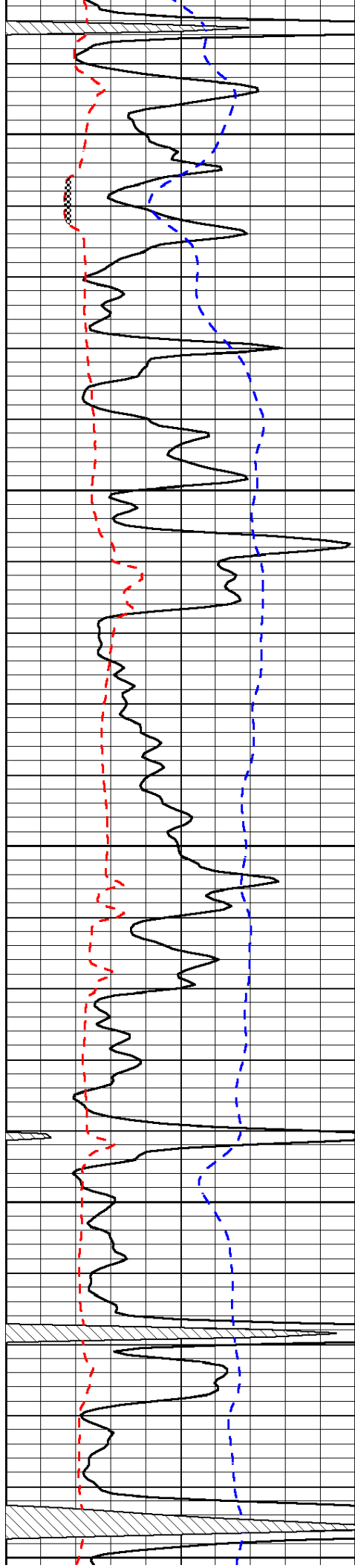
4050

4100

4150

4200





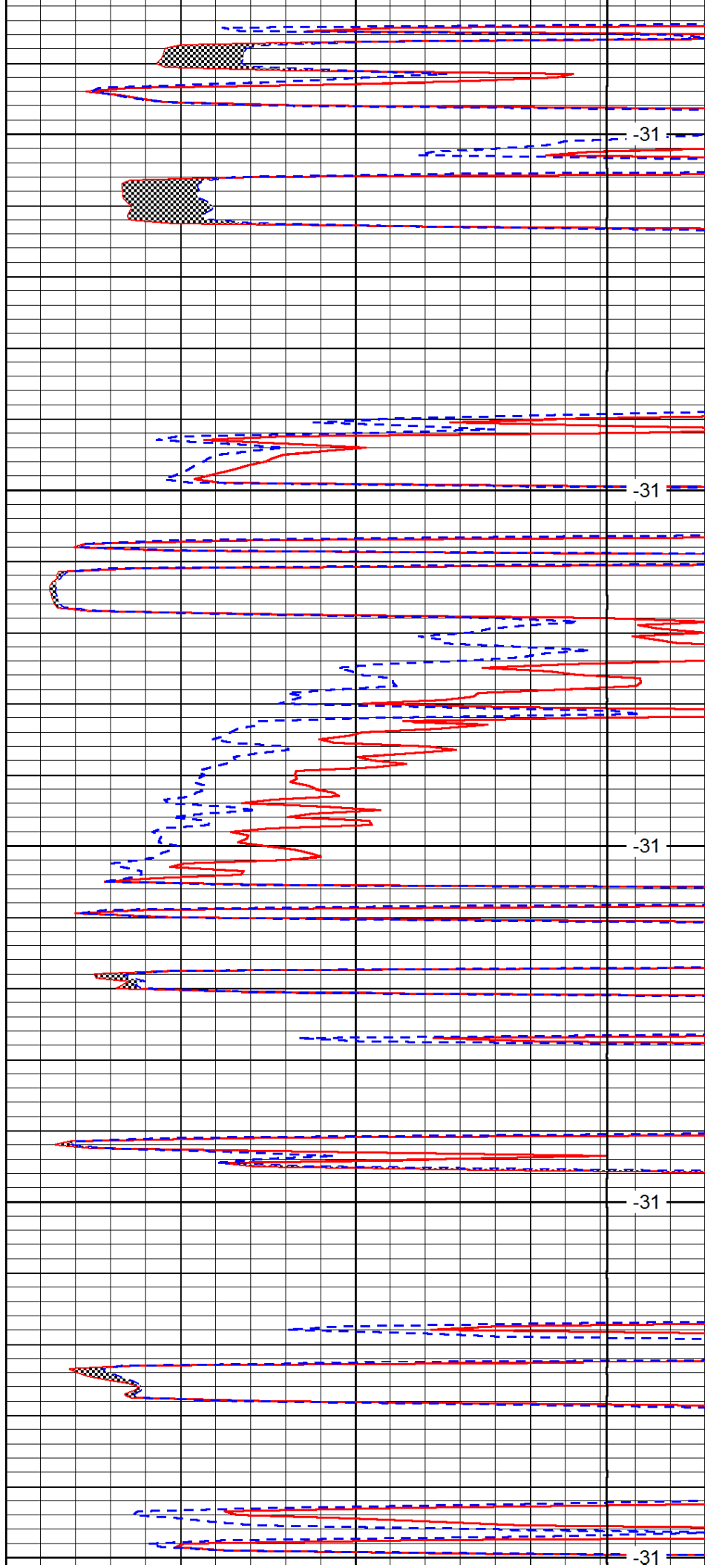
4250

4300

4350

4400

4450



-31

-31

-31

-31

-31

