



Microresistivity Log

Pioneer Energy Services

API No.

15-065-24,033-00-00

Company Mar-Lou Oil Company, LLC.

Well Davignon No. 5

Field Morel

County Graham

State

Kansas

Location

330' FNL & 990' FWL

Sec: 20

Twp: 9S

Rge: 21W

Elevation

Permanent Datum Ground Level Elevation 2335
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2344
D.F. 2335
G.L. 2335

Date

7/18/2014

Run Number

Two

Depth Driller

3900

Depth Logger

3900

Bottom Logged Interval

3899

Top Log Interval

3200

Casing Driller

8.625 @ 220

Casing Logger

220

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

1000

Density / Viscosity

9.0 65

pH / Fluid Loss

10.5 8.0

Source of Sample

Flowline

Rm @ Meas. Temp

1.31 @ 72

Rmf @ Meas. Temp

.98 @ 72

Rmc @ Meas. Temp

1.77 @ 72

Source of Rmf / Rmc

Charts

Rm @ BHT

.82 @ 115

Operating Rig Time

4 Hours

Max Rec. Temp. F

115

Equipment Number

108

Location

Hays

Recorded By

J. Long

D. Fischer

Witnessed By

Roger Fisher

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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.

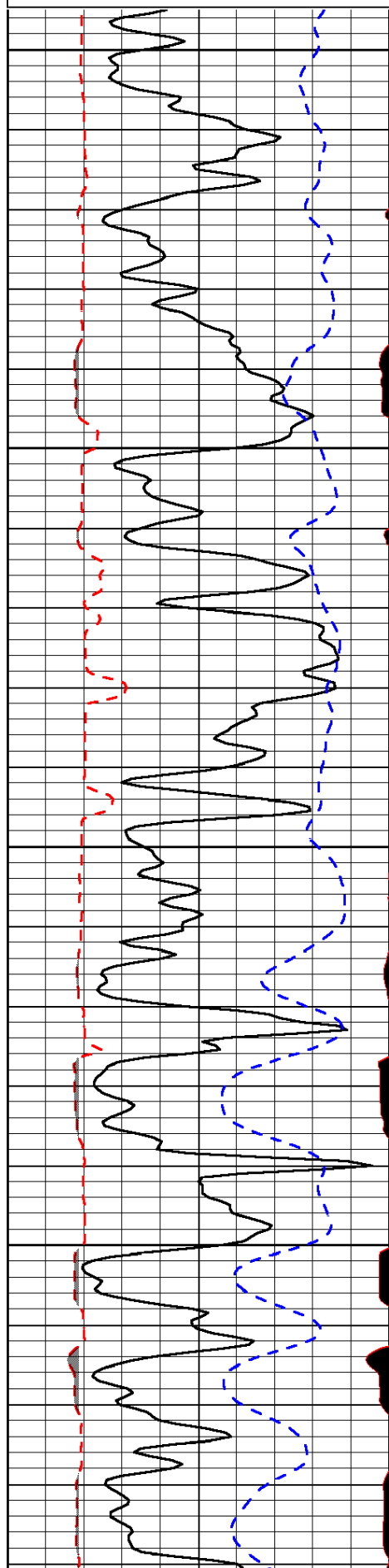
Comments

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

Bogue Ks., 7 1/4 South, East Into.

Database File: mar-lou_davignon_5hd.db
Dataset Pathname: DIL/marstck
Presentation Format: micro
Dataset Creation: Fri Jul 18 05:25:12 2014
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 (mV)	0



3200

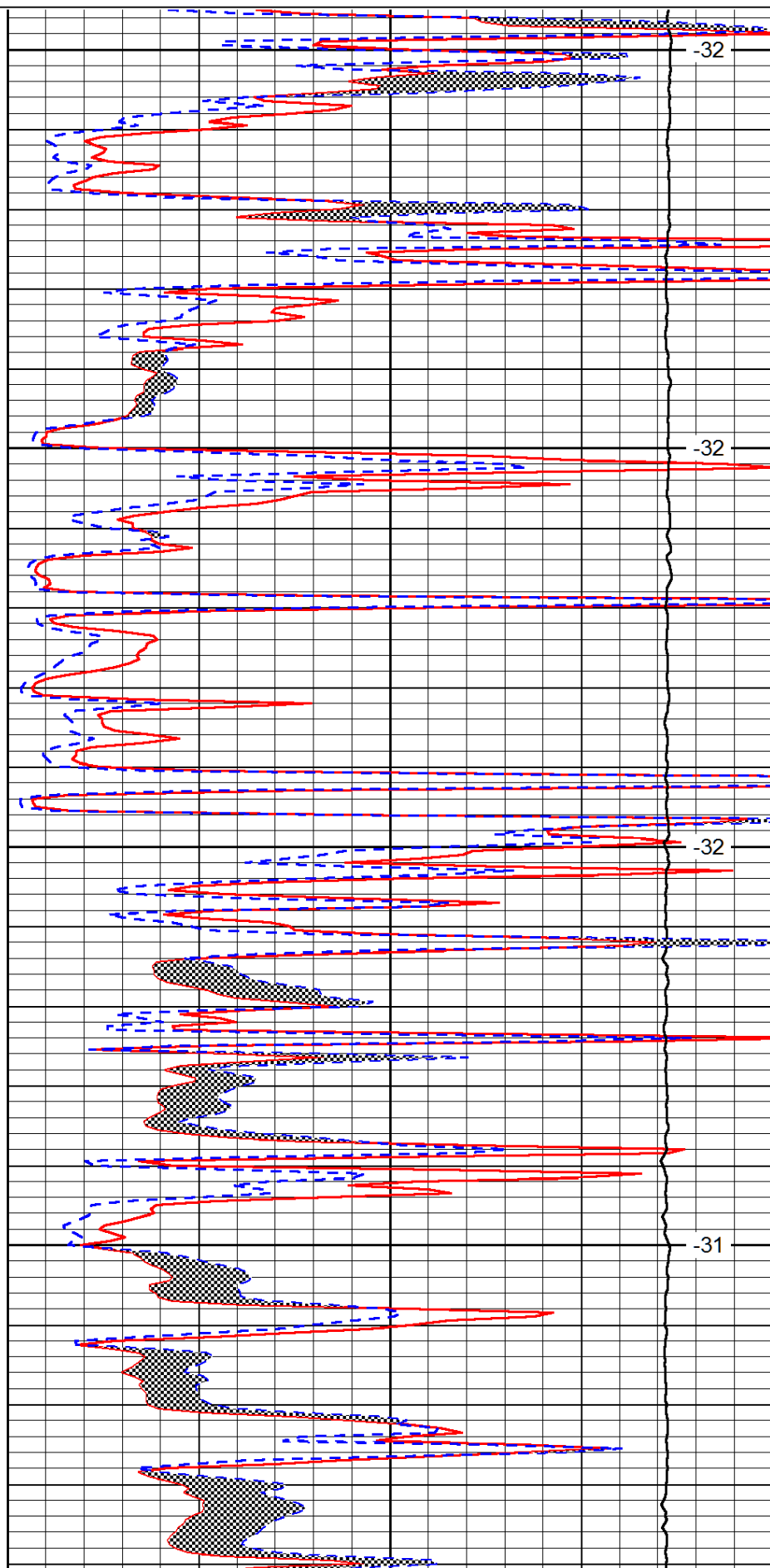
3250

3300

3350

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

LSPD

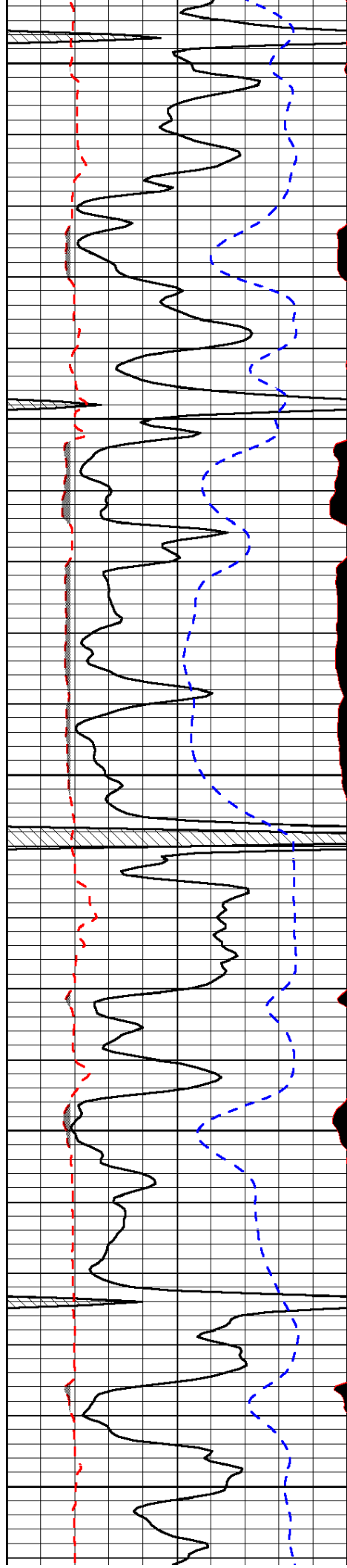


-32

-32

-32

-31



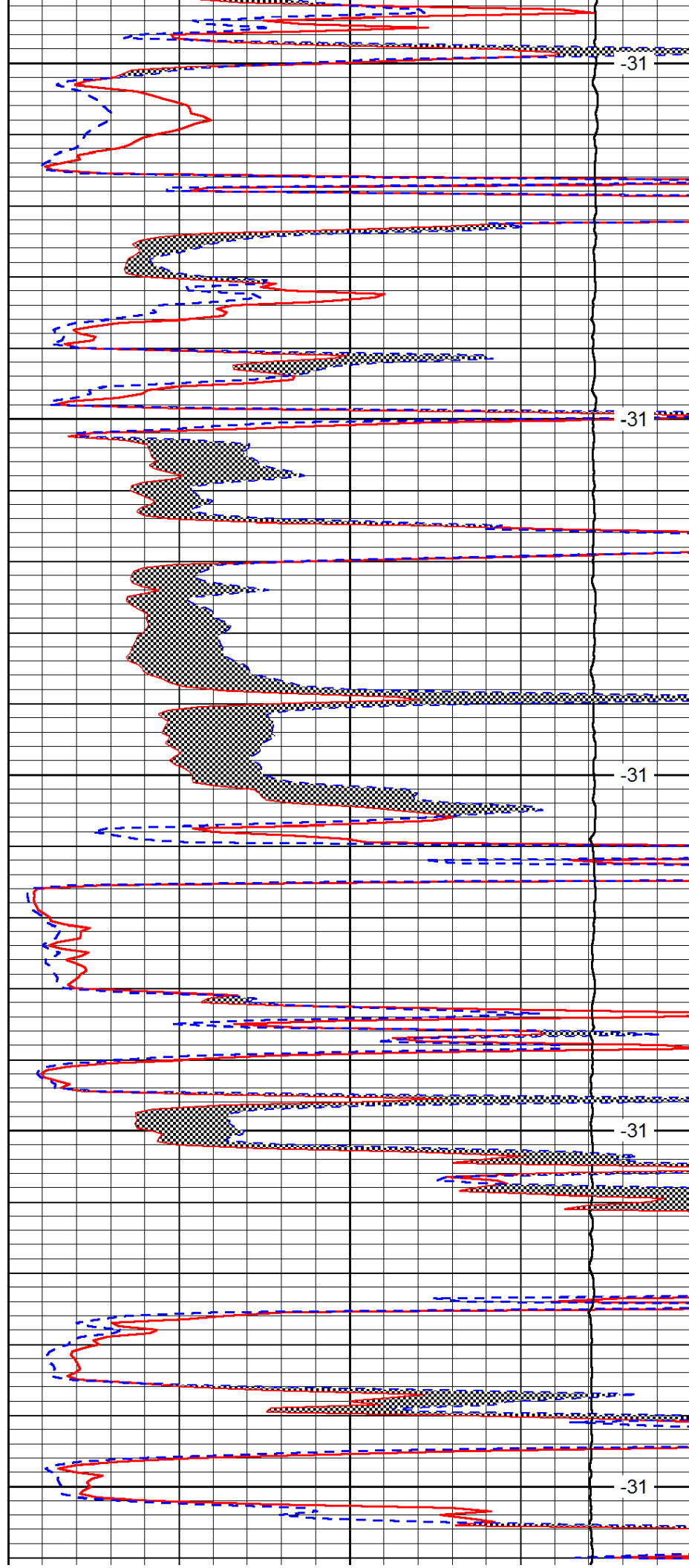
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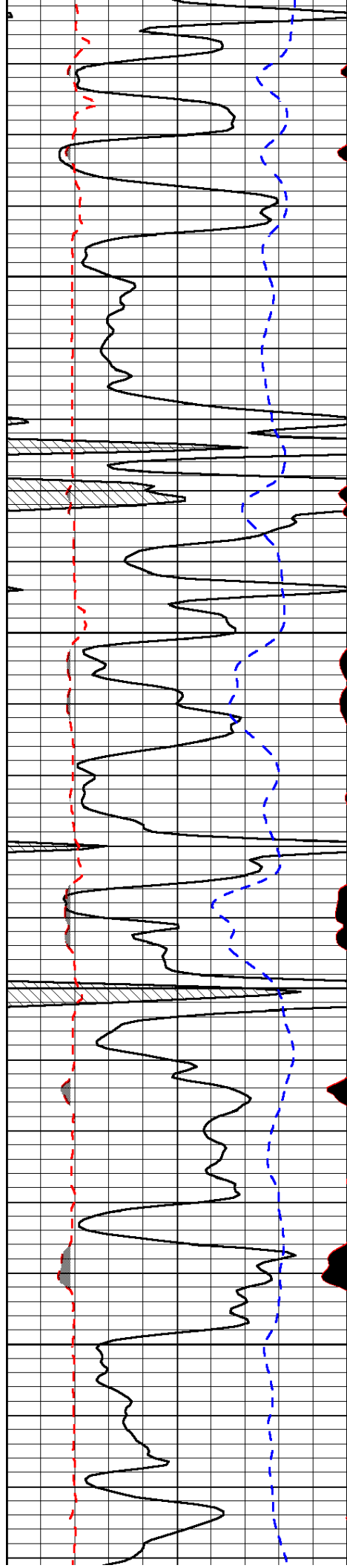
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3500

3550

3600



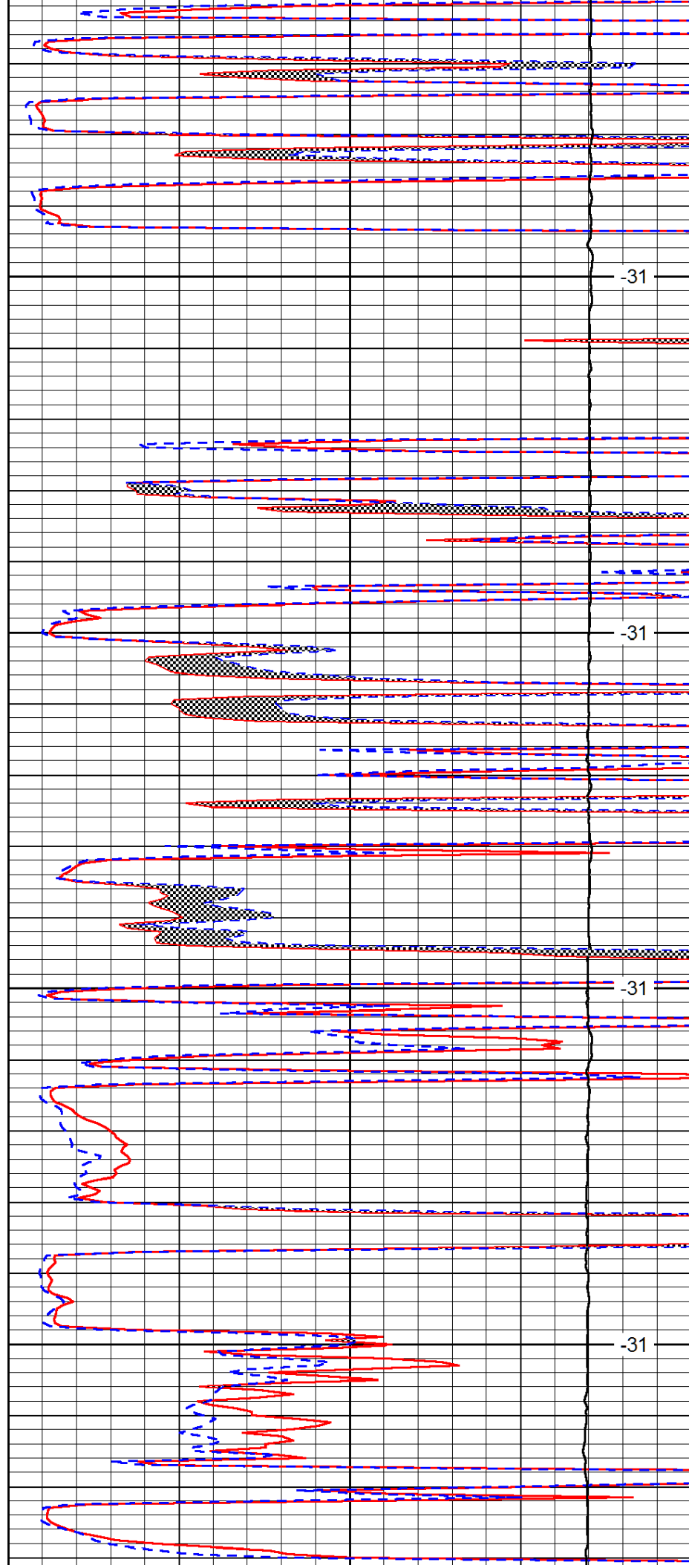


3650

3700

3750

3800

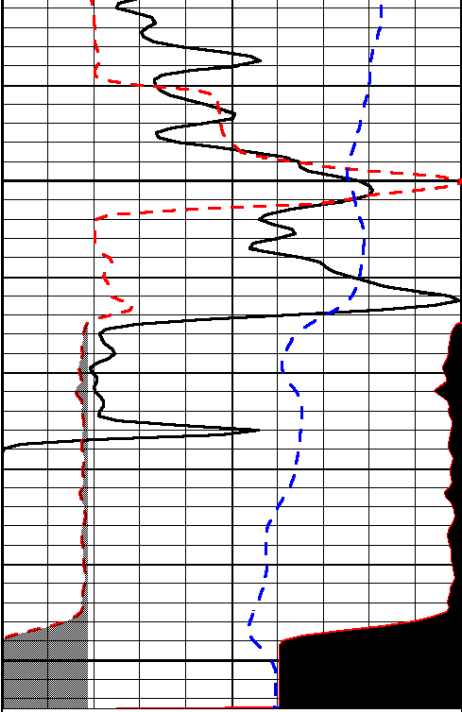


-31

-31

-31

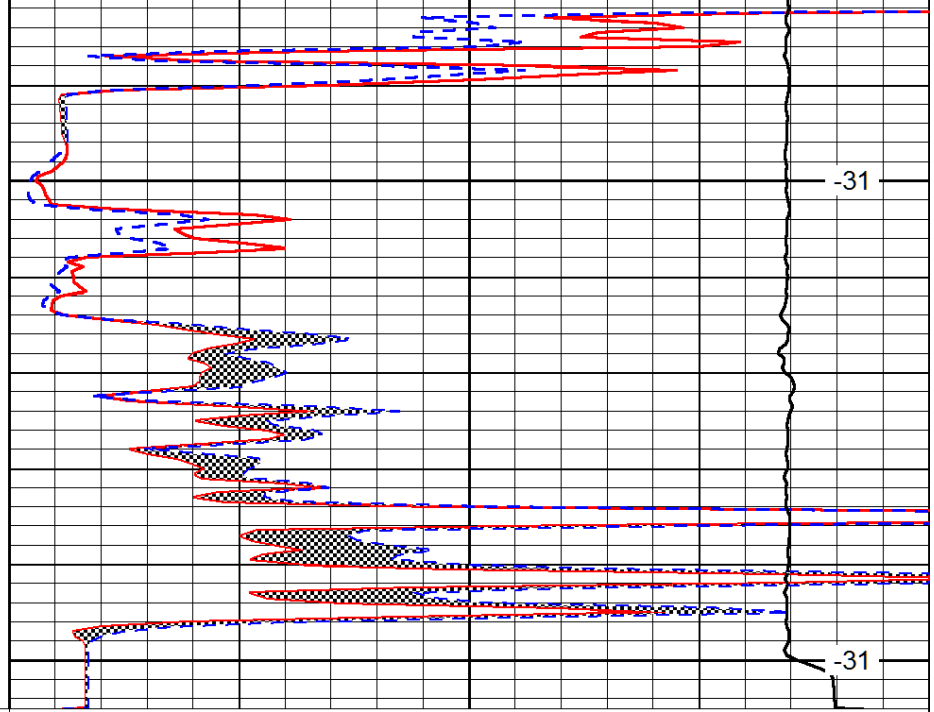
-31



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