

LOG-TECH



Microresistivity Log

DIGITAL LOG

(785) 625-3858

15-051-25,938-00-00

Company Bowman Oil Company

Well Arnhold No. 1

Field Bemis-Shutts

County Ellis State

Kansas

Location 1825' FSL & 2970' FEL

Sec: 13 Twp: 12 S Rge: 18 W

Other Services
CNL/CDL
DIL

Elevation

K.B. 2147
D.F.
G.L. 2142

Permanent Datum Ground Level Elevation 2142

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Date 1/24/2010

Run Number Two

Depth Driller 3732

Depth Logger 3732

Bottom Logged Interval 3731

Top Log Interval 3000

Casing Driller 8.625 @ 218

Casing Logger 214

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 4.000

Density / Viscosity 9.2 55

pH / Fluid Loss 10.5 8.8

Source of Sample Flowline

Rm @ Meas. Temp 1.70 @ 47

Rmf @ Meas. Temp 1.28 @ 47

Rmc @ Meas. Temp 2.30 @ 47

Source of Rmf / Rmc Charts

Rm @ BHT 0.71 @ 113

Operating Rig Time 3-1/2 Hours

Max Rec. Temp. F 113

Equipment Number 15

Location Hays

Recorded By B. Becker

Witnessed By Bill Bowman

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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

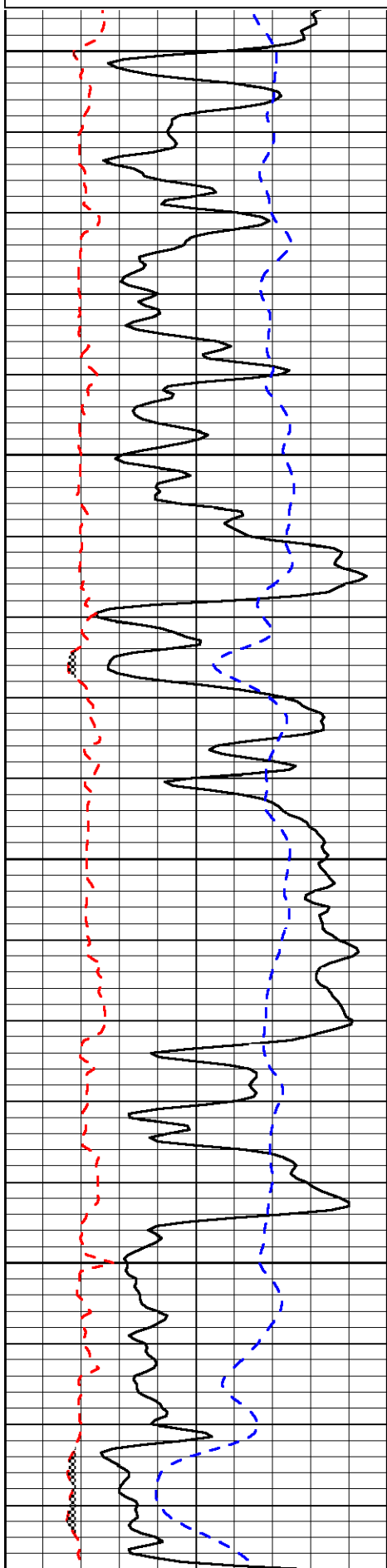
Hays, Ks; North to Buckeye Rd; 2-1/2 East;
North into location

Database File: c:\warrior\data\bowman_arnhold no. 1\bowhd.db
Dataset Pathname: DIL/bowstk
Presentation Format: micro
Dataset Creation: Sun Jan 24 05:13:38 2010
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (in)	16
-200	SP (MV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
15000	Line Weight (lb)	0

LSPD
(ft/min)

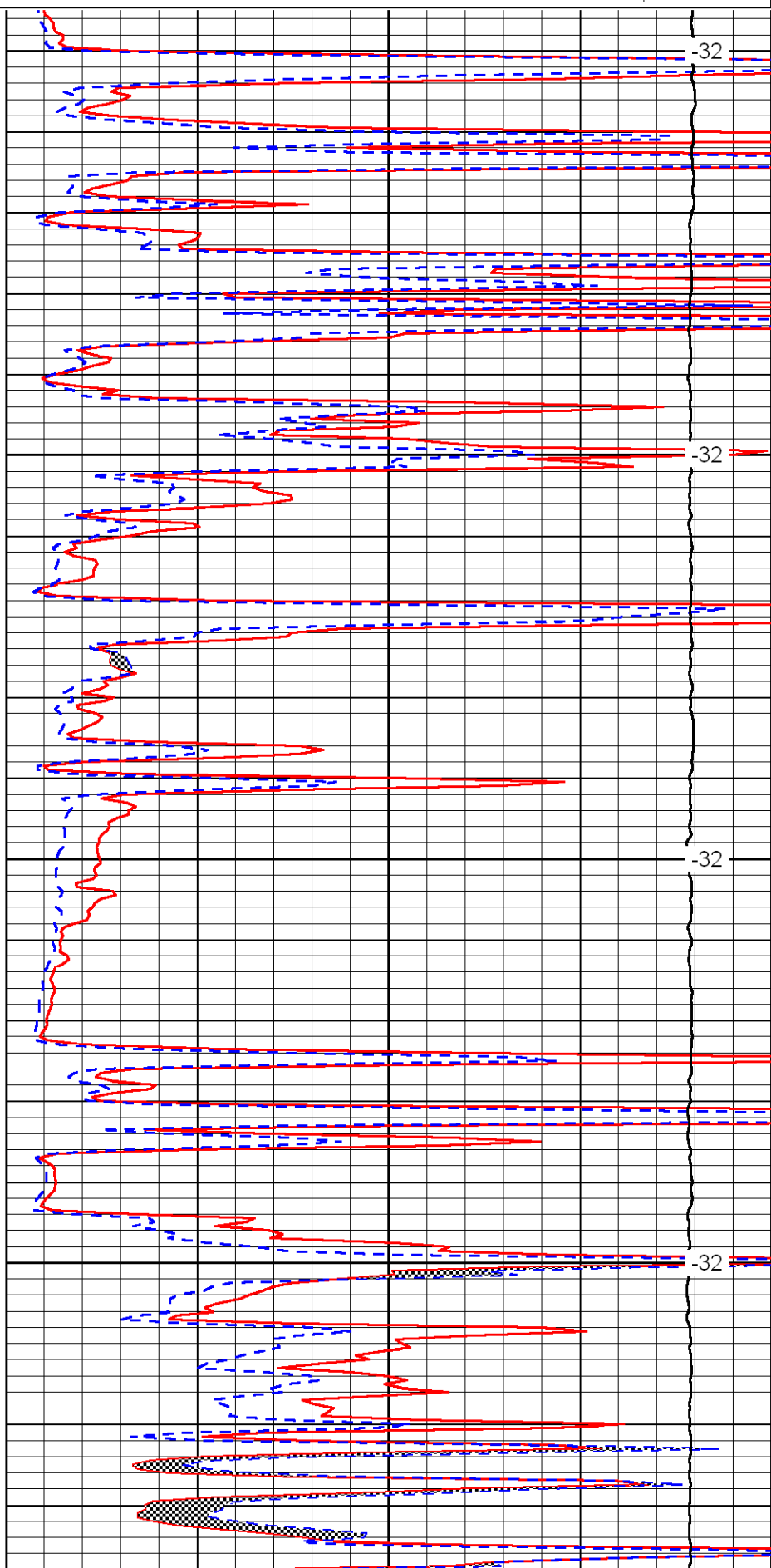


3000

3050

3100

3150

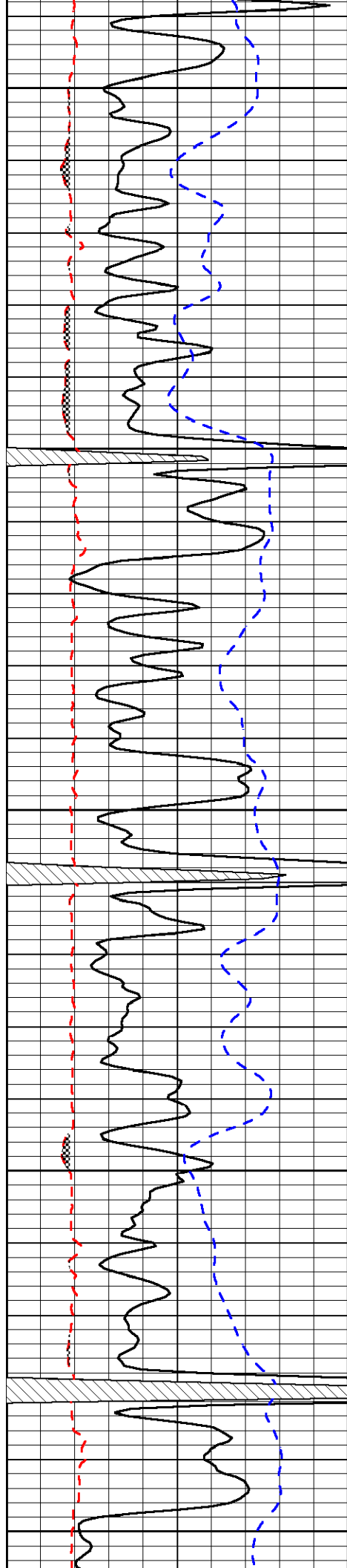


-32

-32

-32

-32



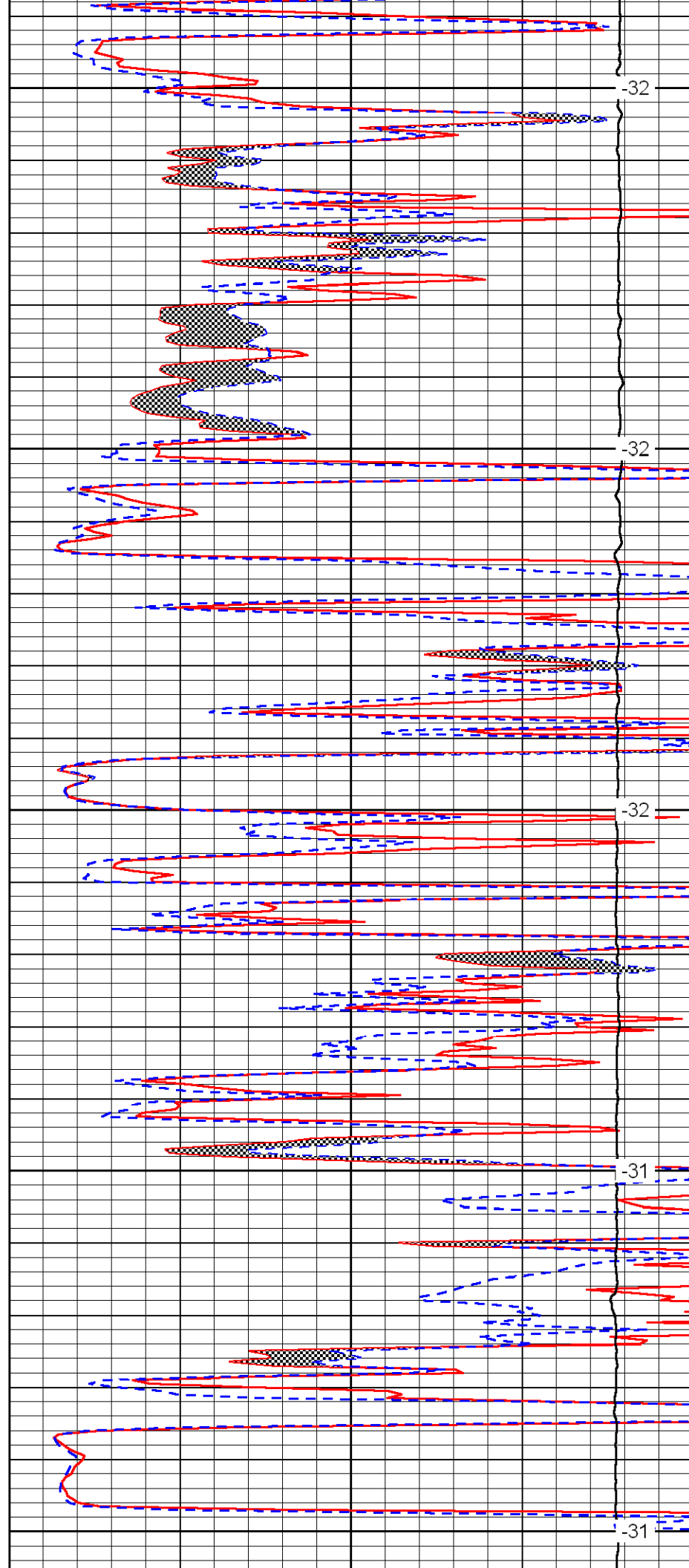
3200

3250

3300

3350

3400



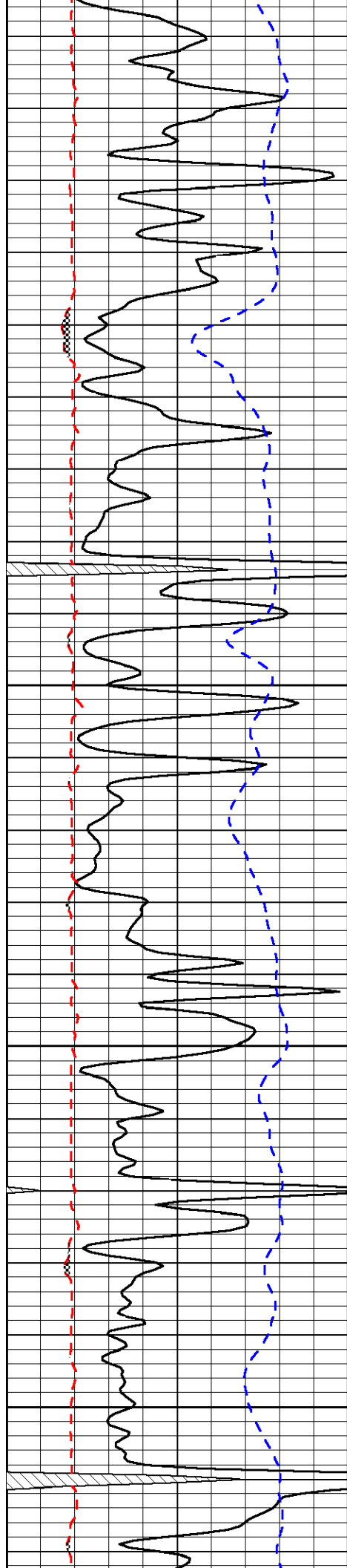
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-32

-32

-31

-31

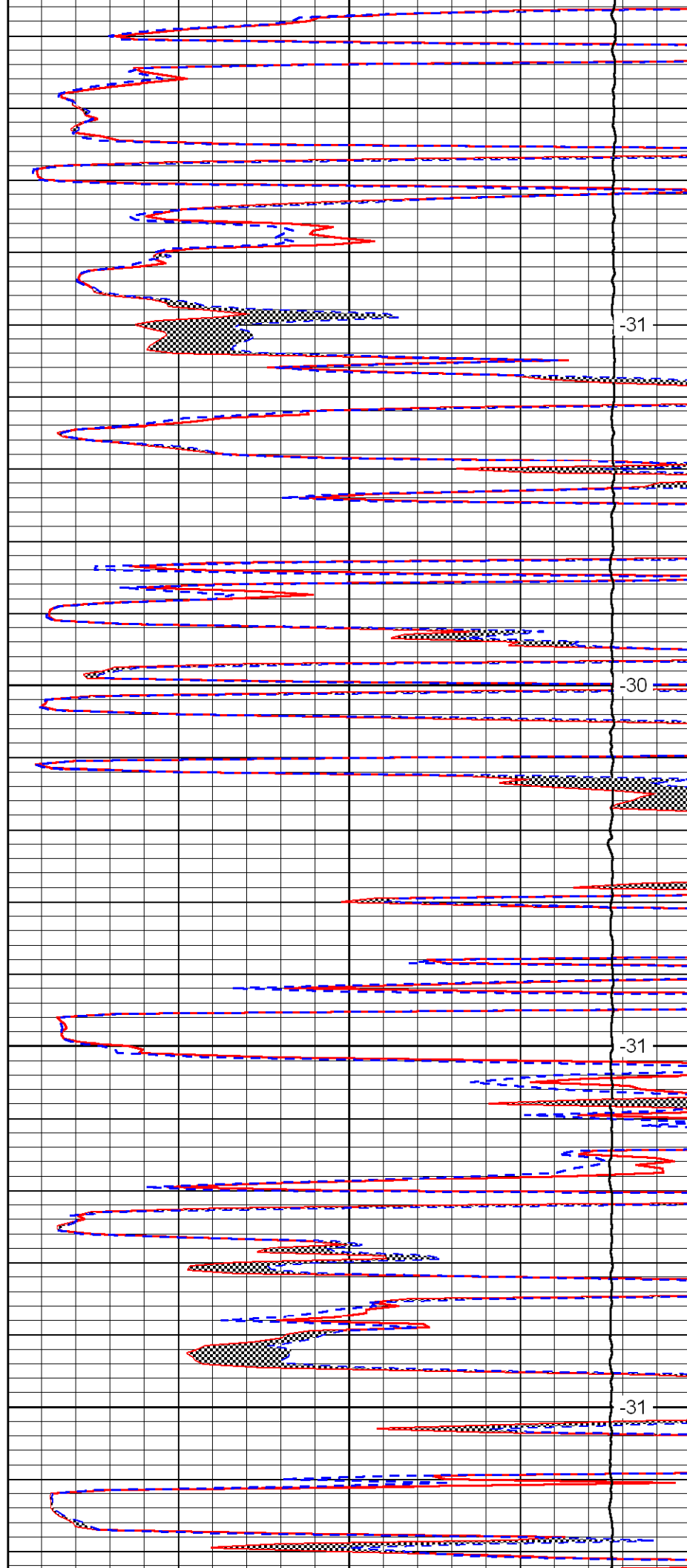


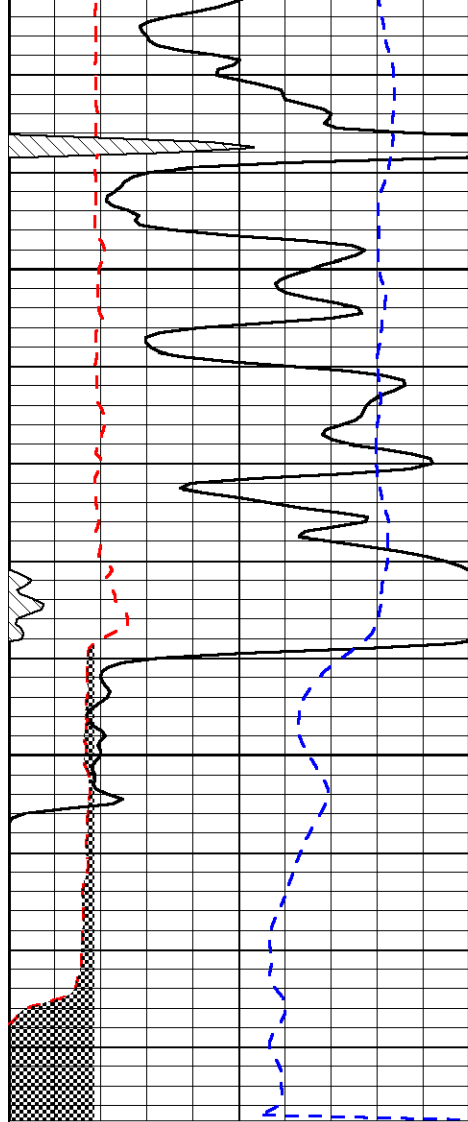
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3500

3550

3600

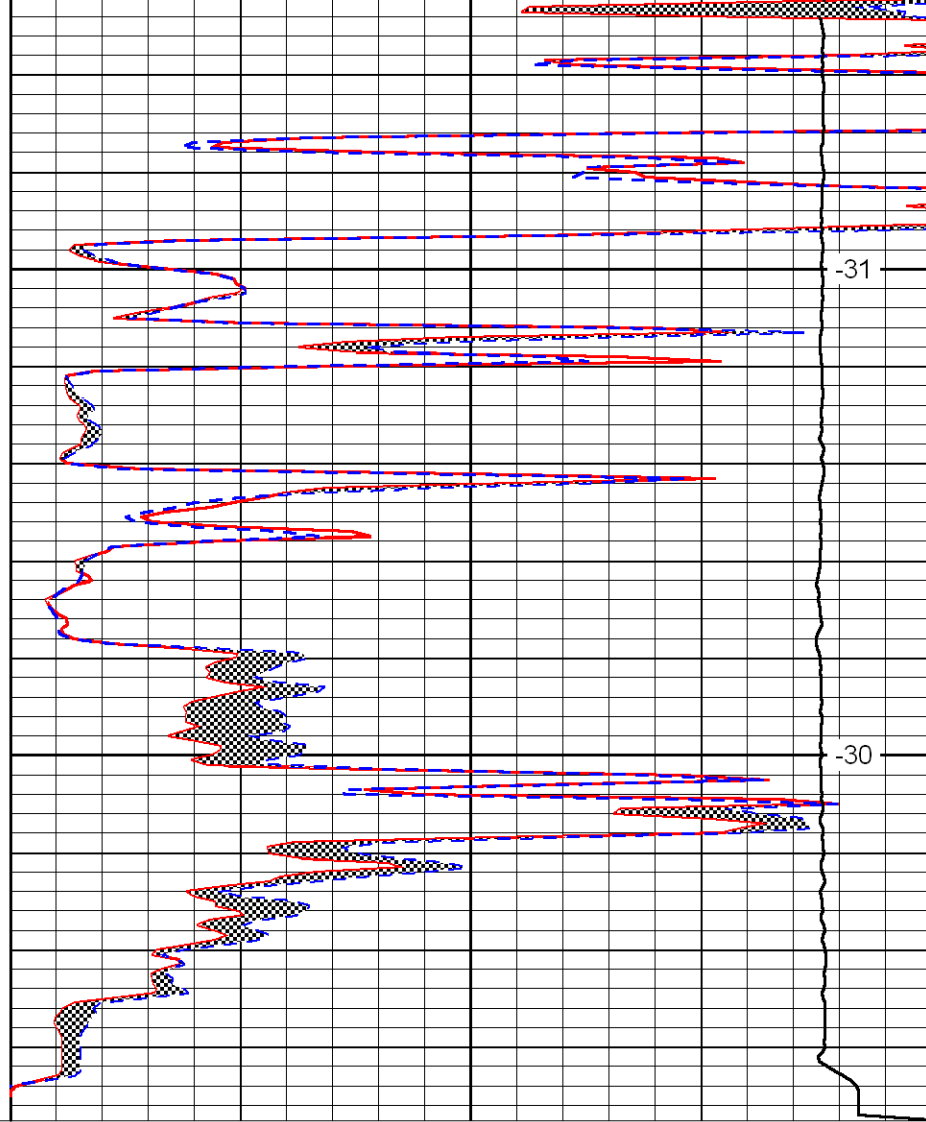




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