

LOG-TECH



DIGITAL LOG

(785) 625-3858

Microresistivity Log

API No. 15-051-26,315-00-00

Company **TDI, Inc.**
 Well **Bieker No. 2**
 Field **Martina East**
 County **Ellis** State **Kansas**

Location **W2 NW NE SE
 2,310' FSL & 1,265' FEL**

Sec: **24** Twp: **15S** Rge: **19W**

Other Services
 CNL/CDL
 DIL

Permanent Datum **Ground Level** Elevation **1979**
 Log Measured From **Kelly Bushing** 10 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
 K.B. 1989
 D.F. 1979
 G.L. 1979

Date	7/17/2012
Run Number	Two
Depth Driller	3750
Depth Logger	3748
Bottom Logged Interval	3747
Top Log Interval	2600
Casing Driller	8.625 @ 1173
Casing Logger	1171
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	2000
Density / Viscosity	9.2 57
pH / Fluid Loss	10.5 6.8
Source of Sample	Flowline
Rm @ Meas. Temp	.82 @ 78
Rmf @ Meas. Temp	.62 @ 78
Rmc @ Meas. Temp	1.11 @ 78
Source of Rmf / Rmc	Charts
Rm @ BHT	.56 @ 114
Operating Rig Time	4 Hours
Max Rec. Temp. F	114
Equipment Number	108
Location	Hays
Recorded By	J. Long
Witnessed By	Tom Denning

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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

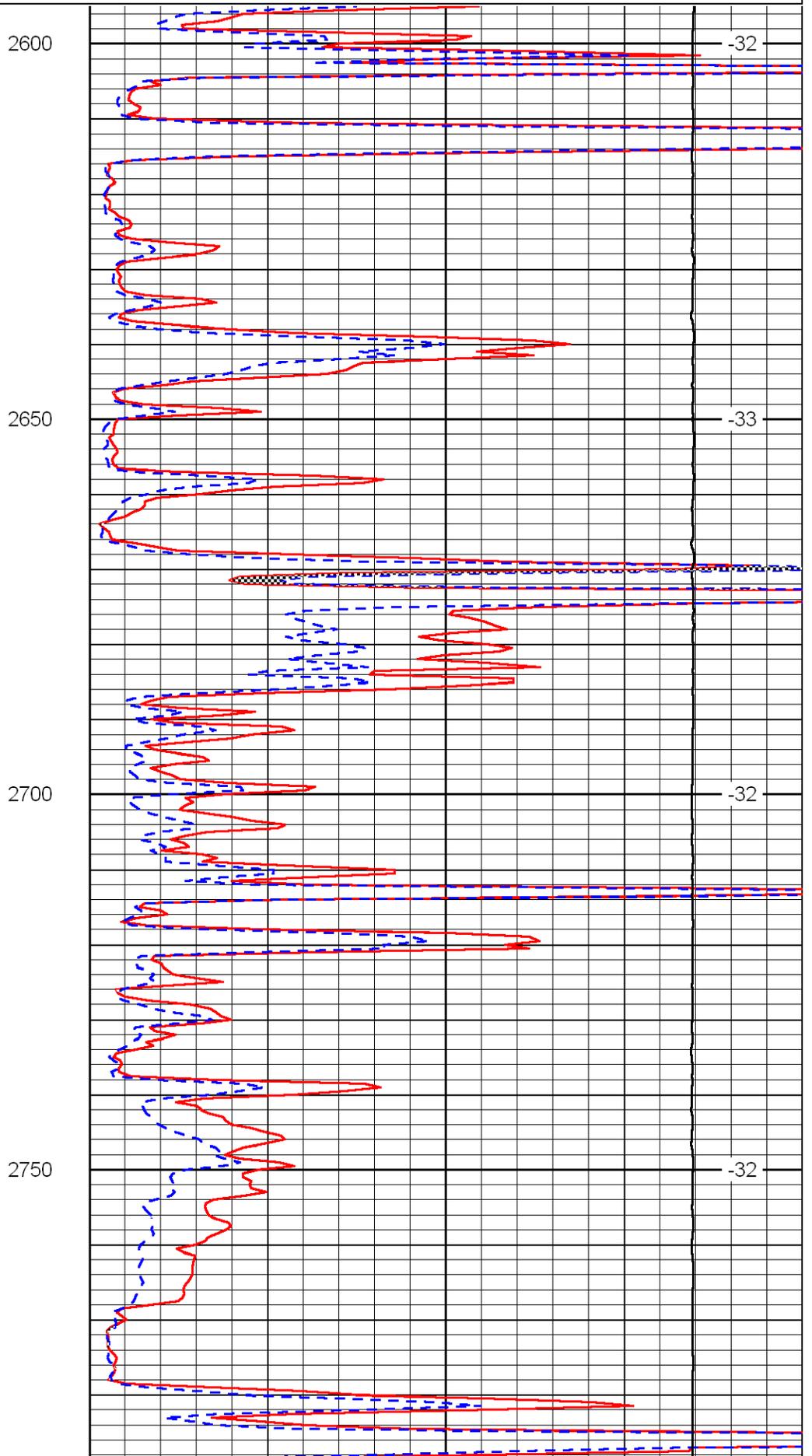
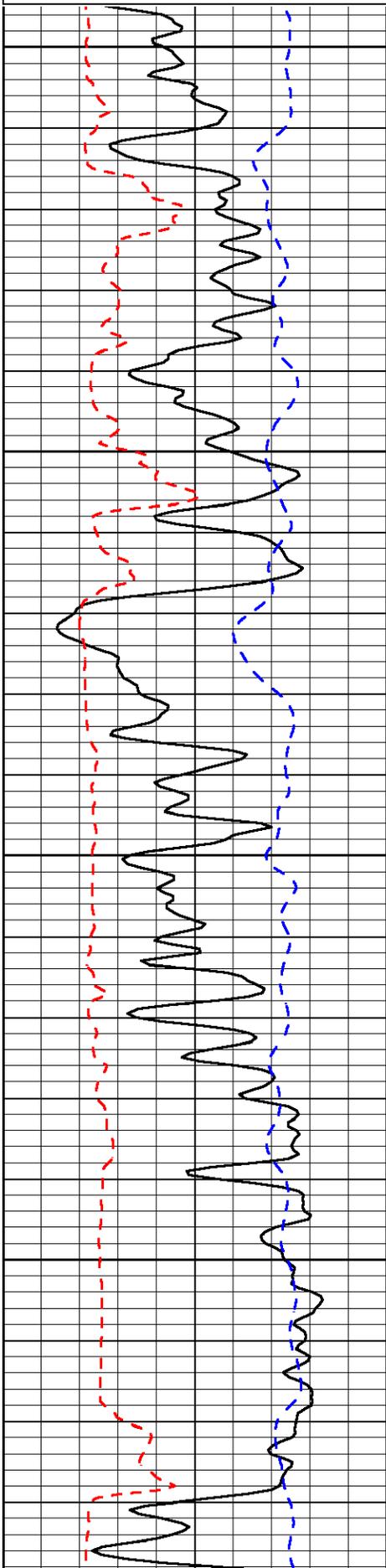
Thank you for using Log-Tech, Inc.
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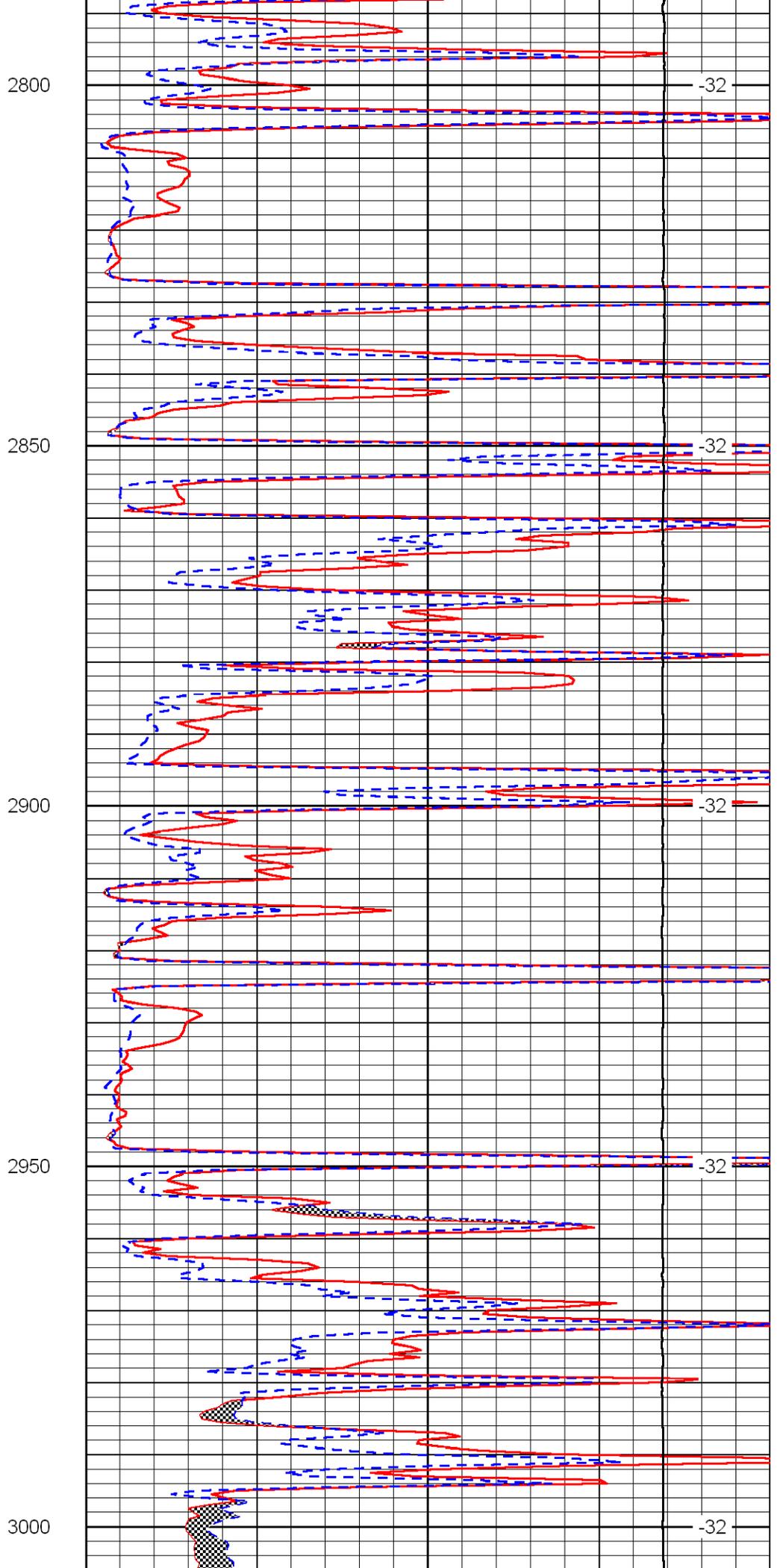
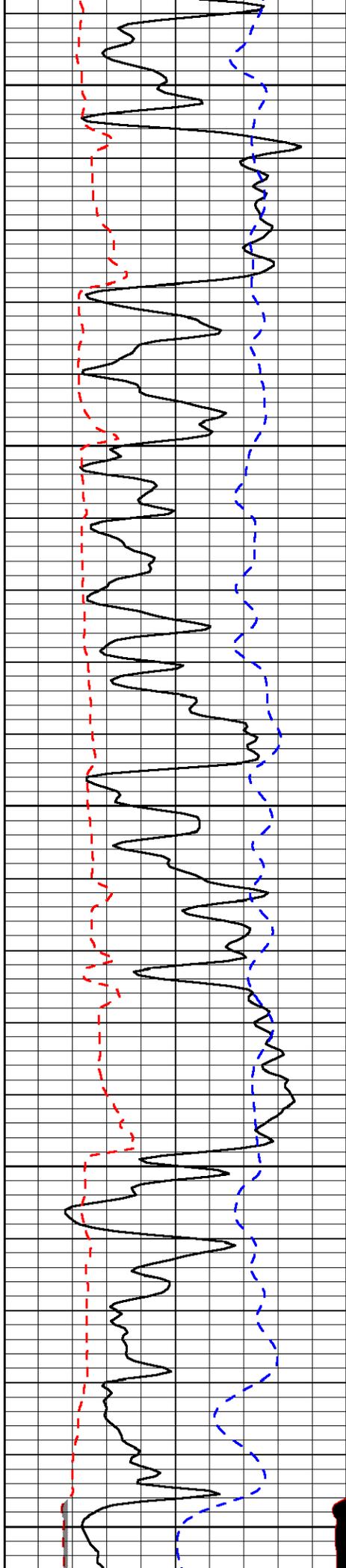
Hays, 5 1/3 South to Antonino Road, 3 West, 3 1/2 South, West Into

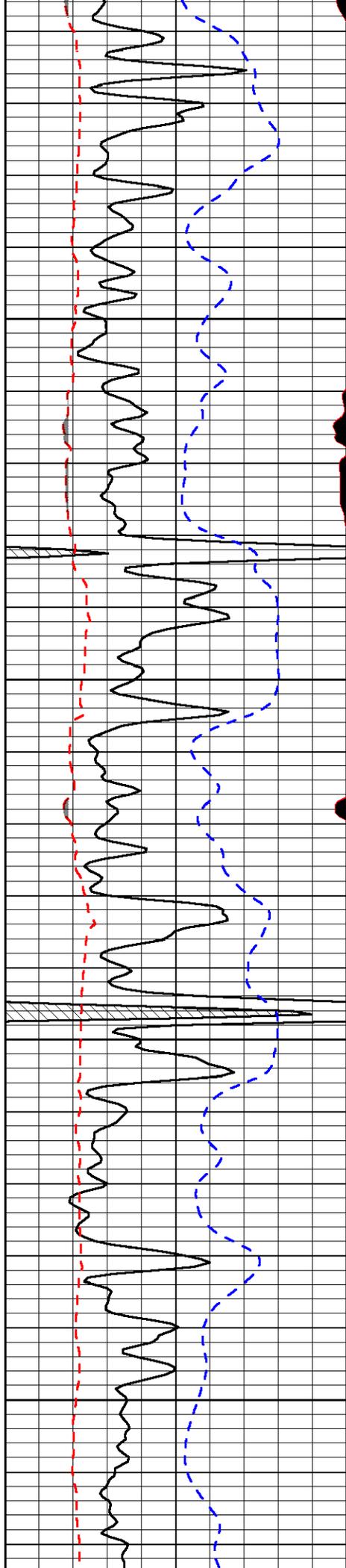
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 Presentation Format: micro
 Dataset Creation: Tue Jul 17 14:25:06 2012
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0

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





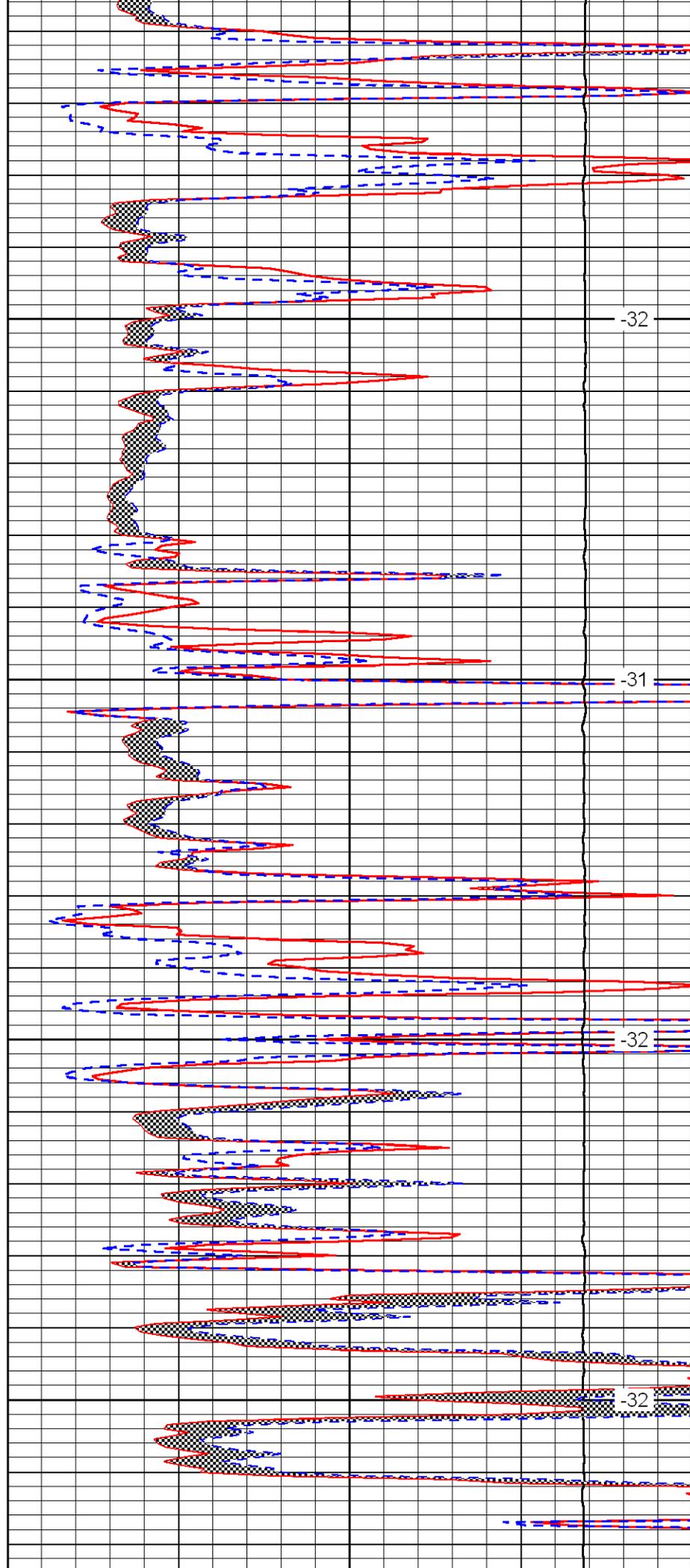


3050

3100

3150

3200

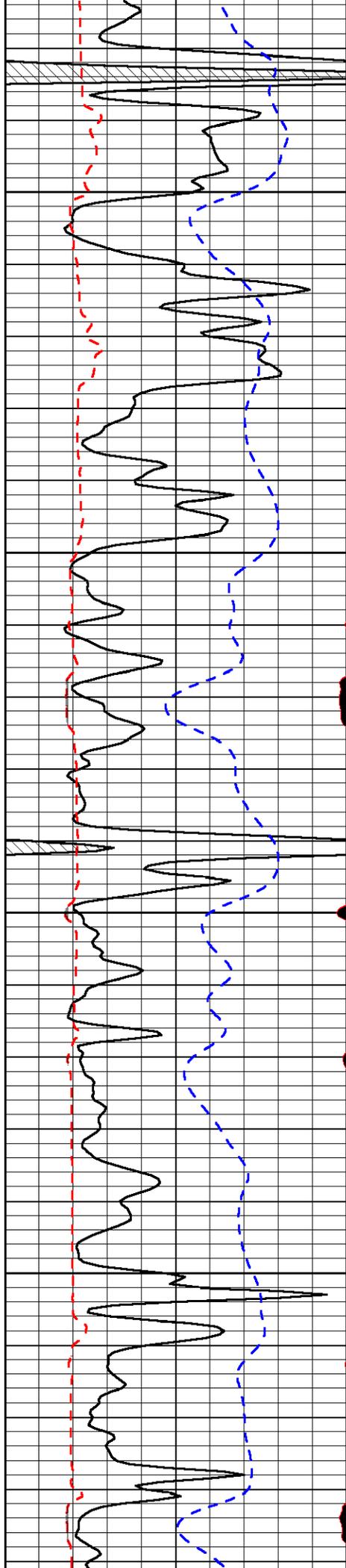


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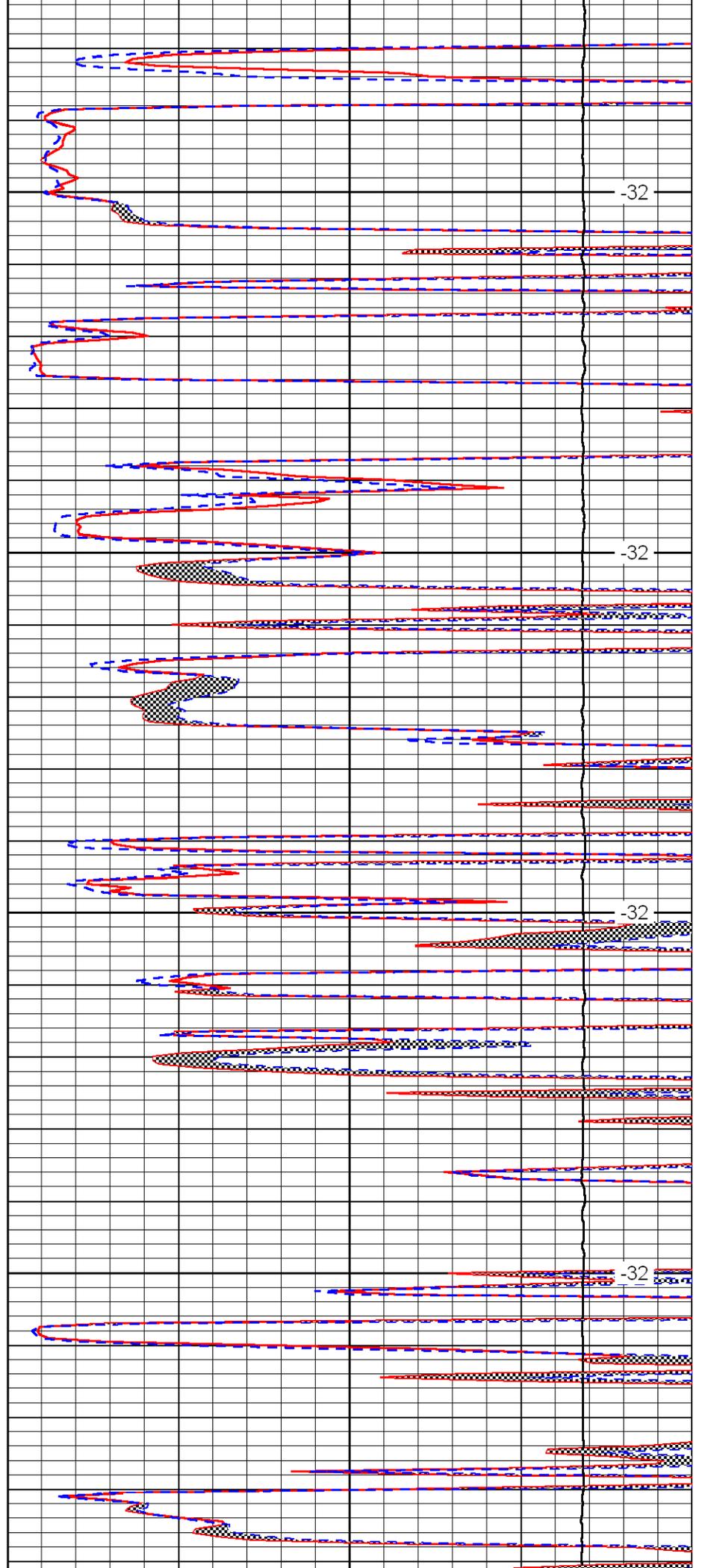


3250

3300

3350

3400

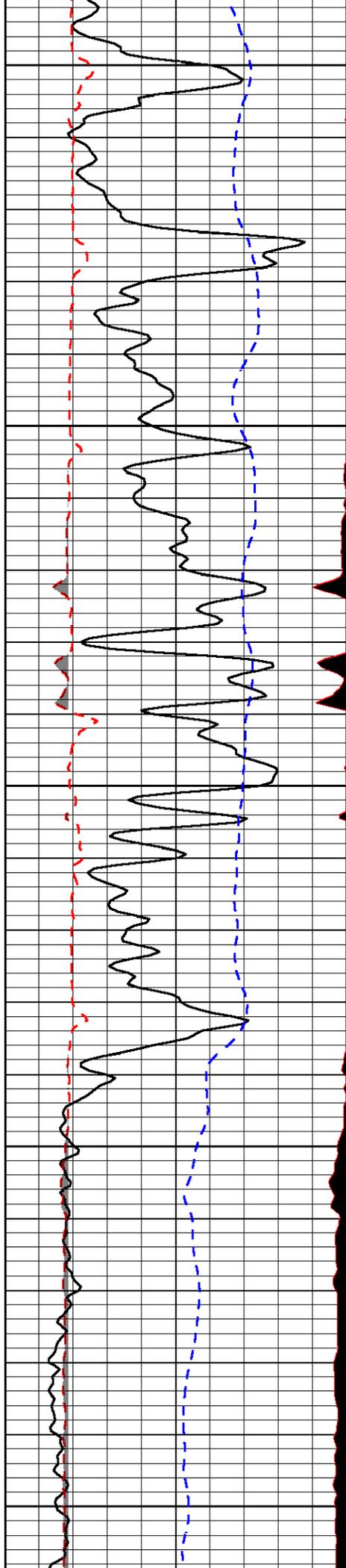


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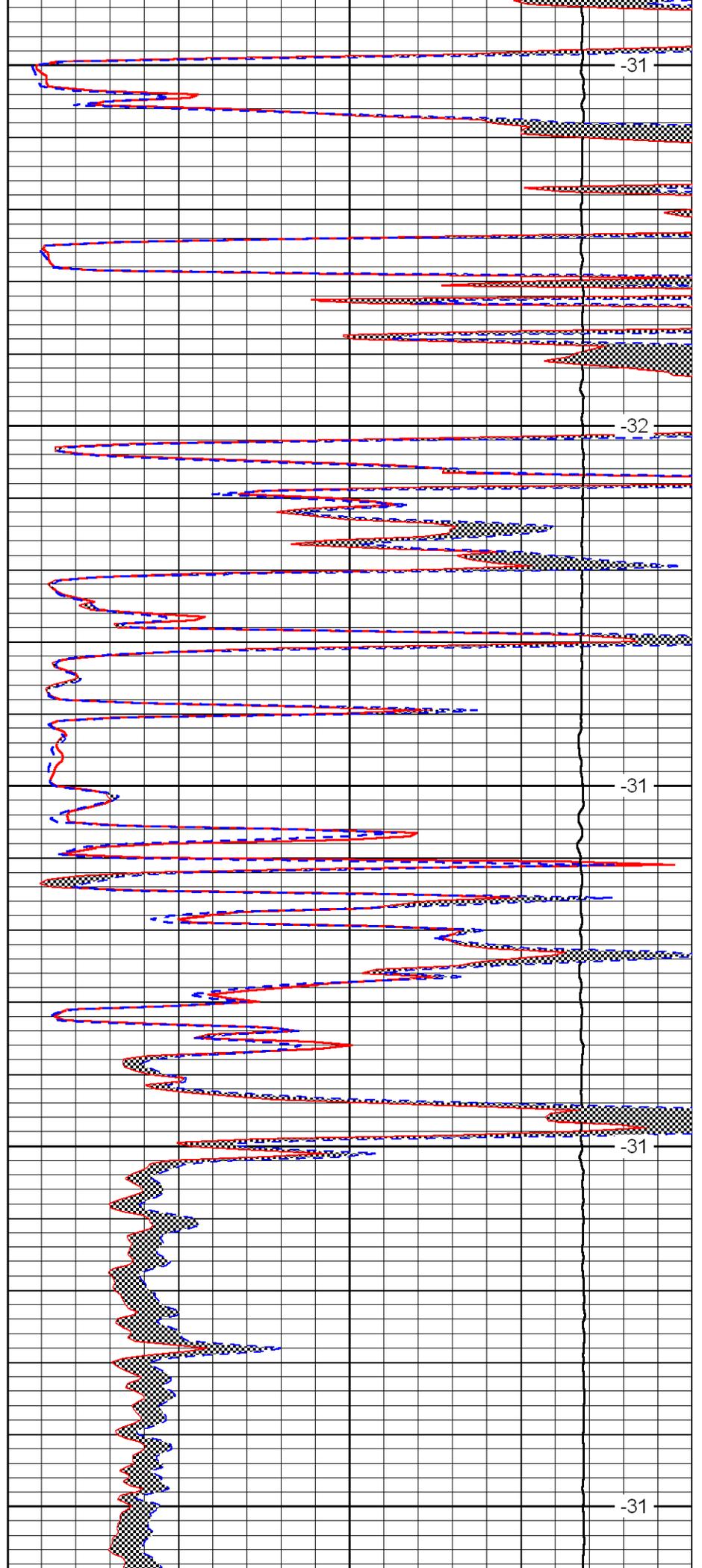
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3500

3550

3600

3650



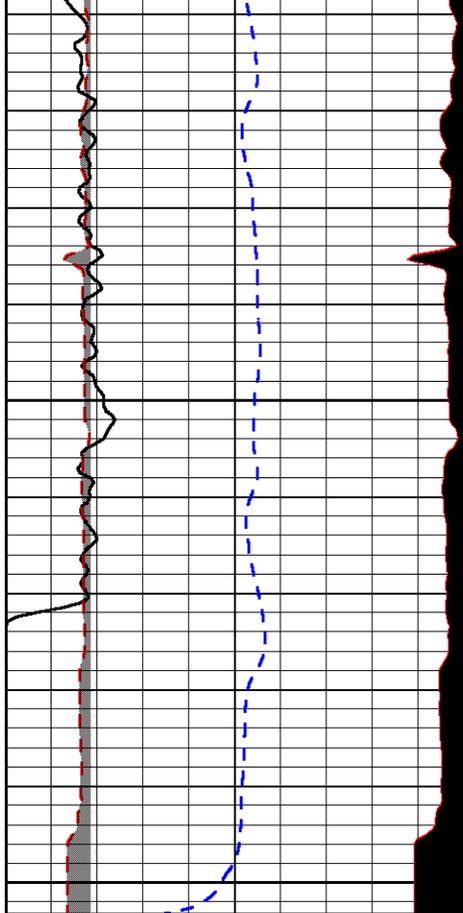
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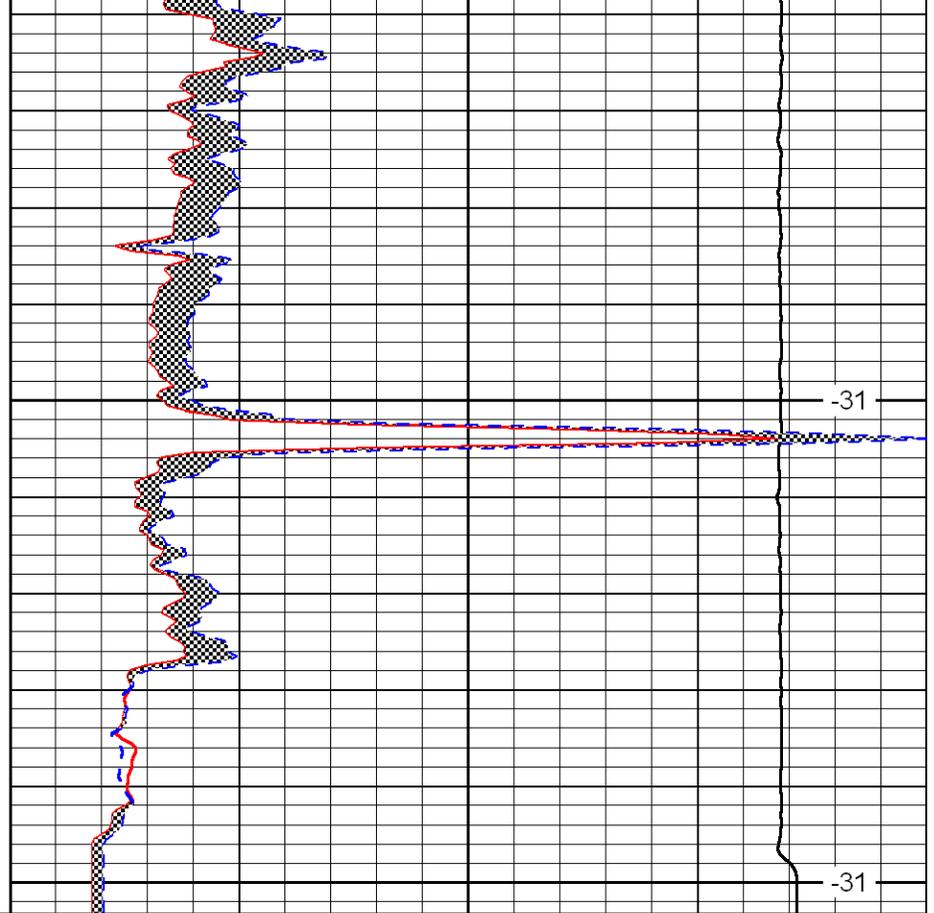
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