



Microresistivity Log

Pioneer Energy Services

API No.

15-171-20966-00-00

Company H & B Petroleum Corp.

Well Daubert #1

Field Wildcat

County Scott State

Kansas

Location 990' FNL & 2310' FEL

Sec: 5 Twp: 19 S Rge: 31 W

Other Services
CNL/CDL
DIL

Permanent Datum Ground Level Elevation 2973
Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 08-16-2013

Run Number Two

Depth Driller 4700

Depth Logger 4702

Bottom Logged Interval 4701

Top Log Interval 3600

Casing Driller 8.625 @ 347

Casing Logger 346

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity,ppm CL 2600

Density / Viscosity 9.1 68

pH / Fluid Loss 8.5 8.8

Source of Sample Flowline

Rm @ Meas. Temp 1.00 @ 78

Rmf @ Meas. Temp 0.75 @ 78

Rmc @ Meas. Temp 1.35 @ 78

Source of Rmf / Rmc Charts

Rm @ BHT 0.62 @ 125

Operating Rig Time 4 Hours

Max Rec. Temp. F 125

Equipment Number 91

Location Hays

Recorded By Y. Ruiz

Witnessed By D. Schmidt

Kurt Talbott

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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.

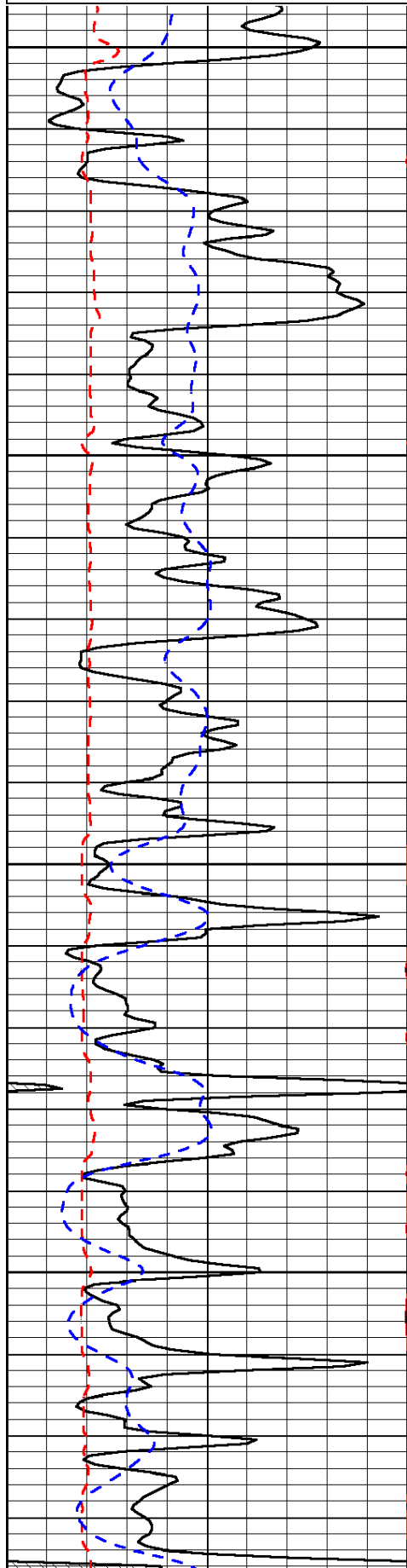
Comments

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

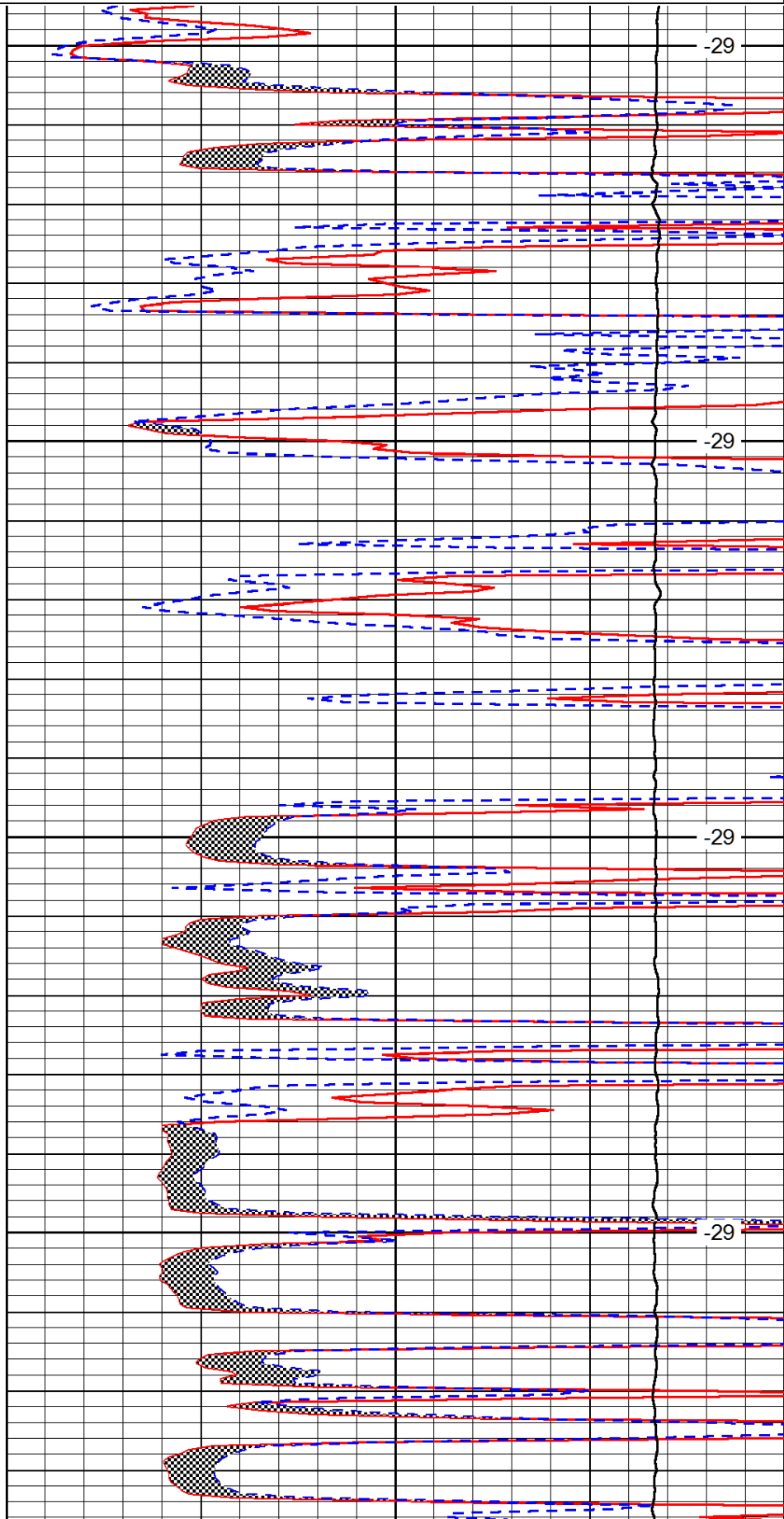
Scott City,
East to Taos Rd, 3 1/4 South,
West into

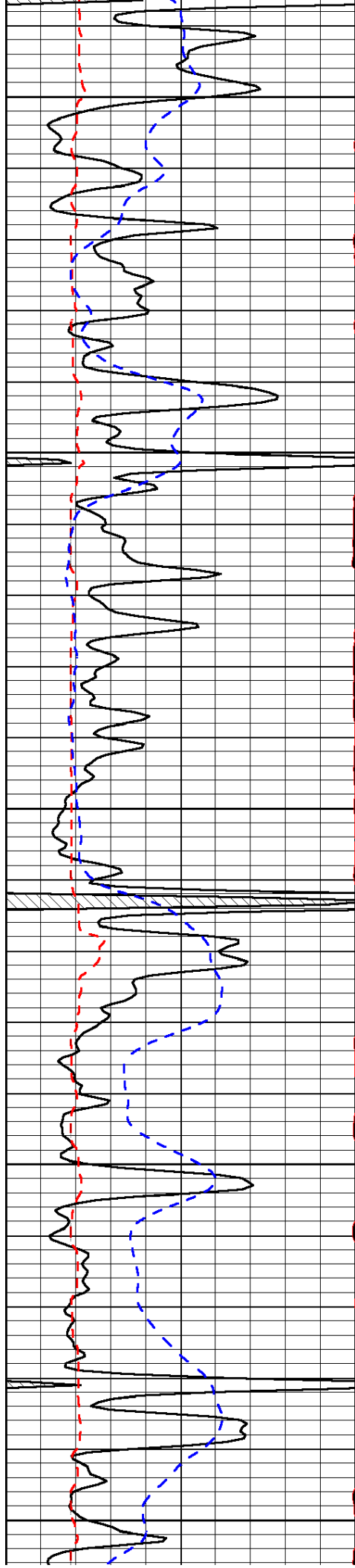
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Dataset Pathname: dil/hbstk
Presentation Format: micro
Dataset Creation: Fri Aug 16 18:55:49 2013
Charted by: Depth in Feet scaled 1:240

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)





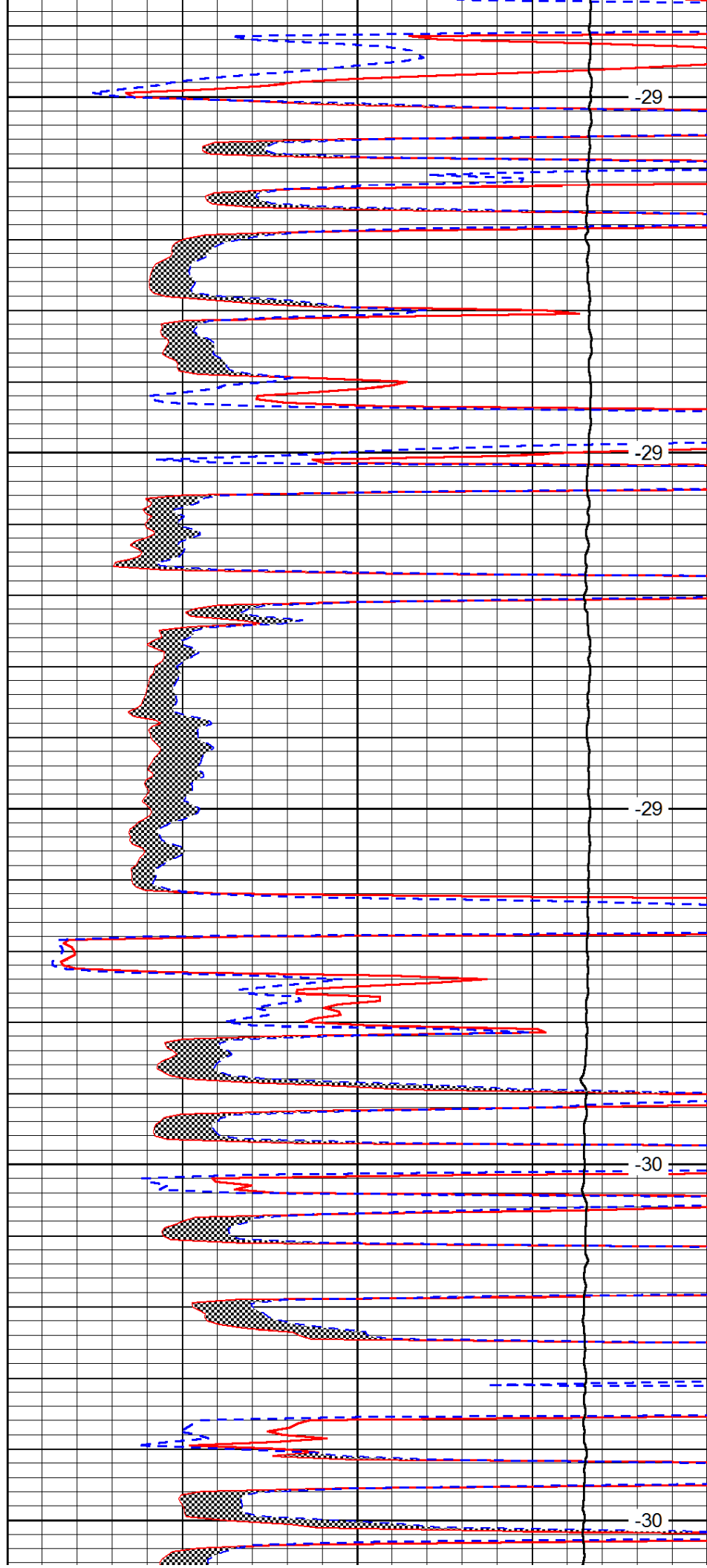
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3850

3900

3950

4000



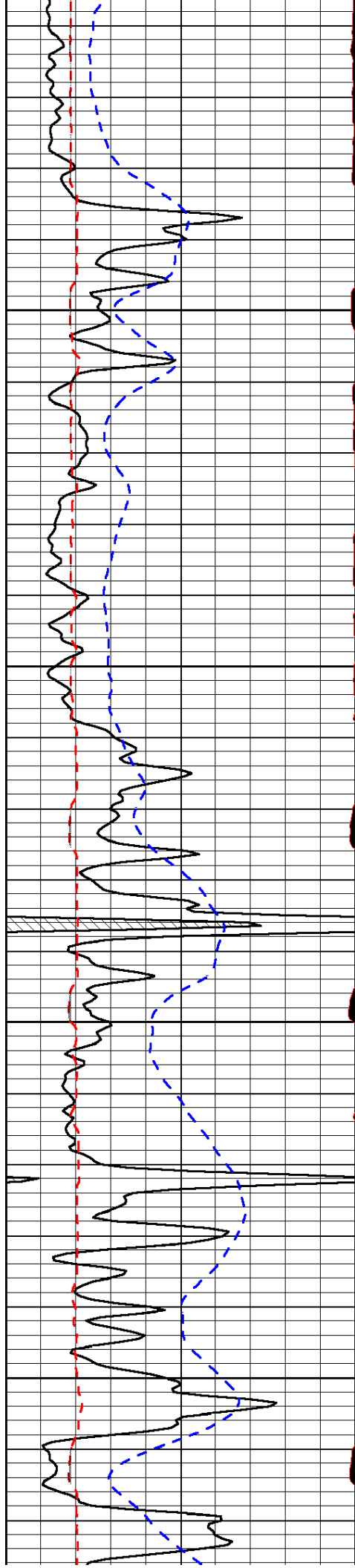
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-29

-29

-30

-30

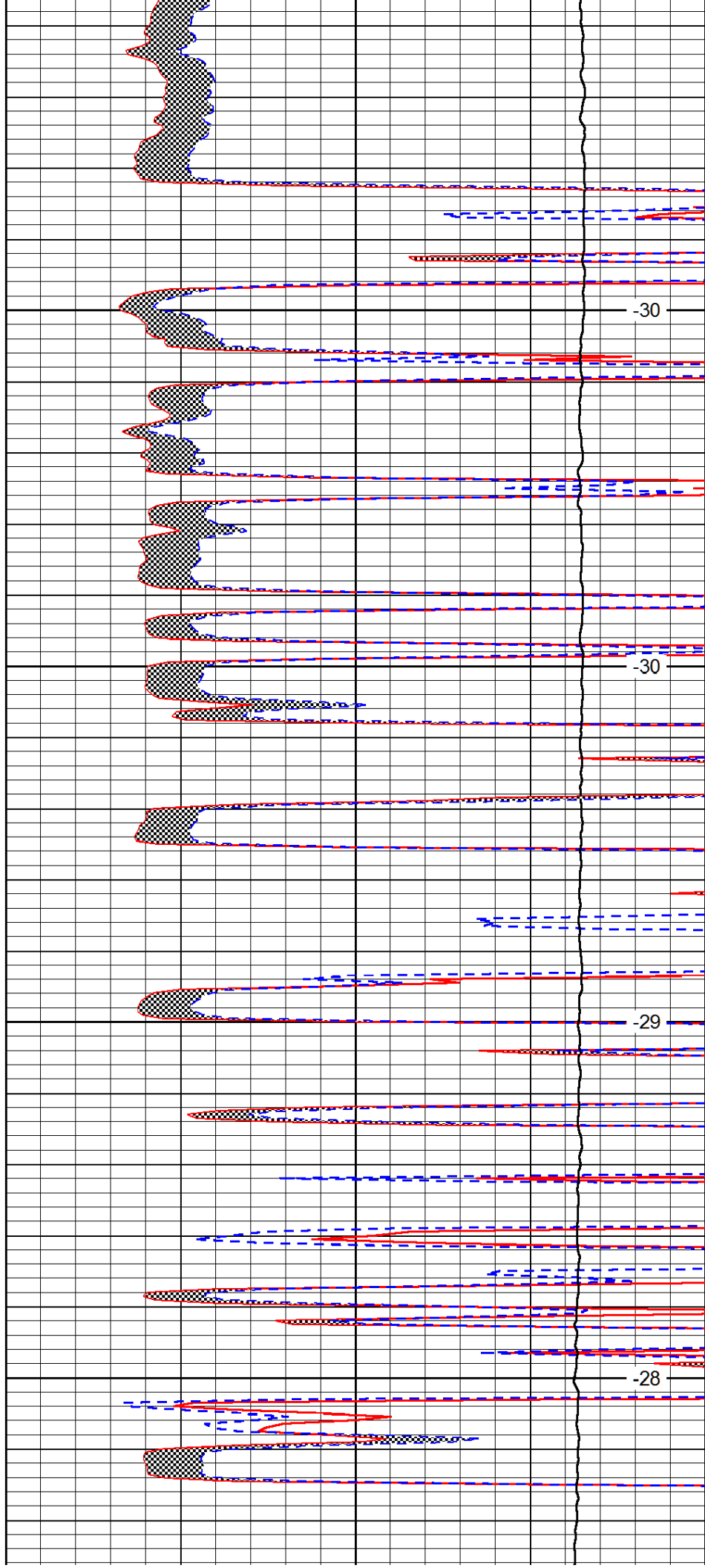


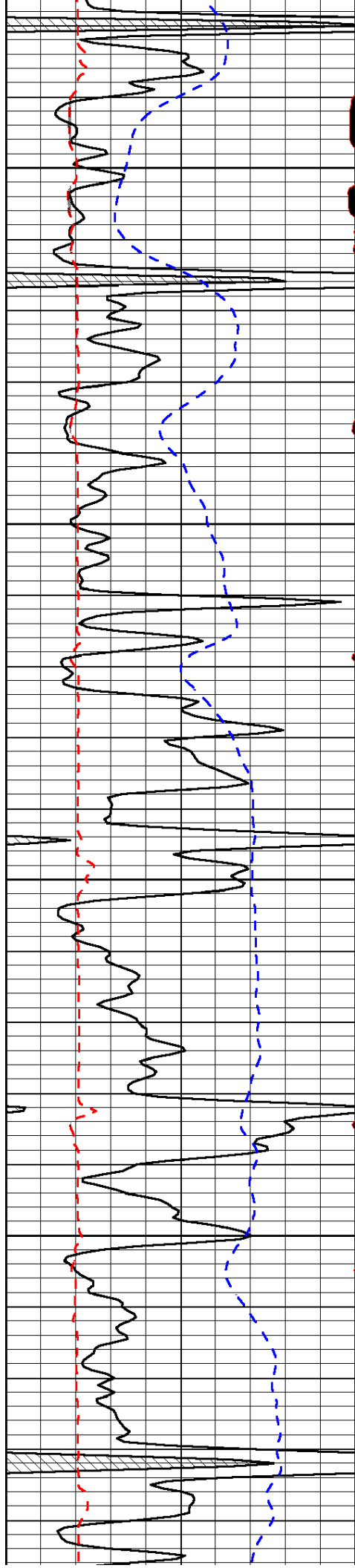
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4100

4150

4200



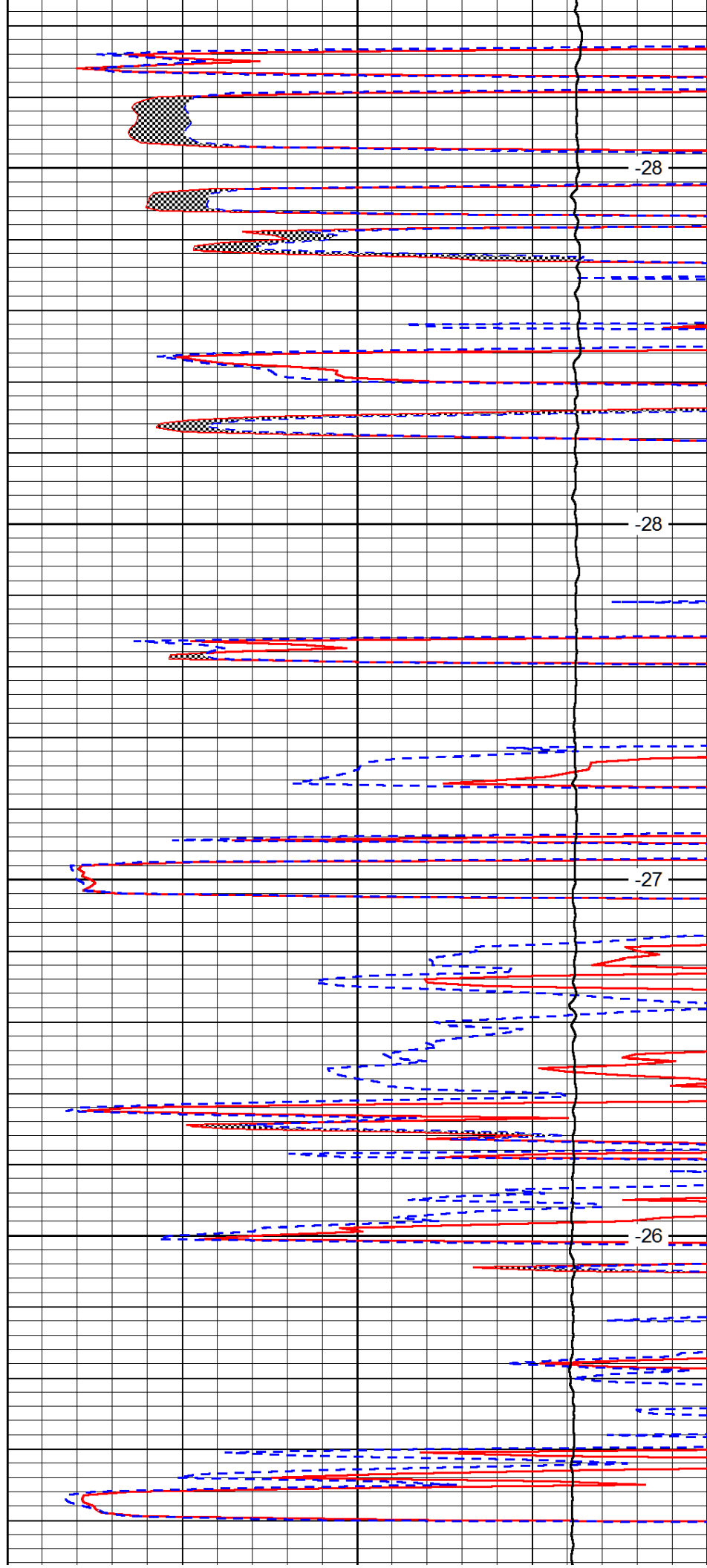


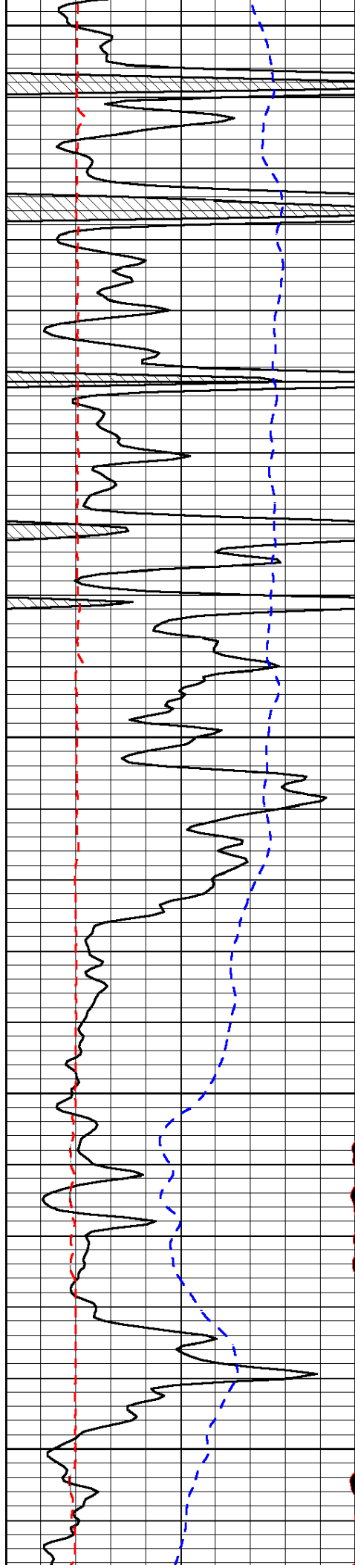
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4350

4400





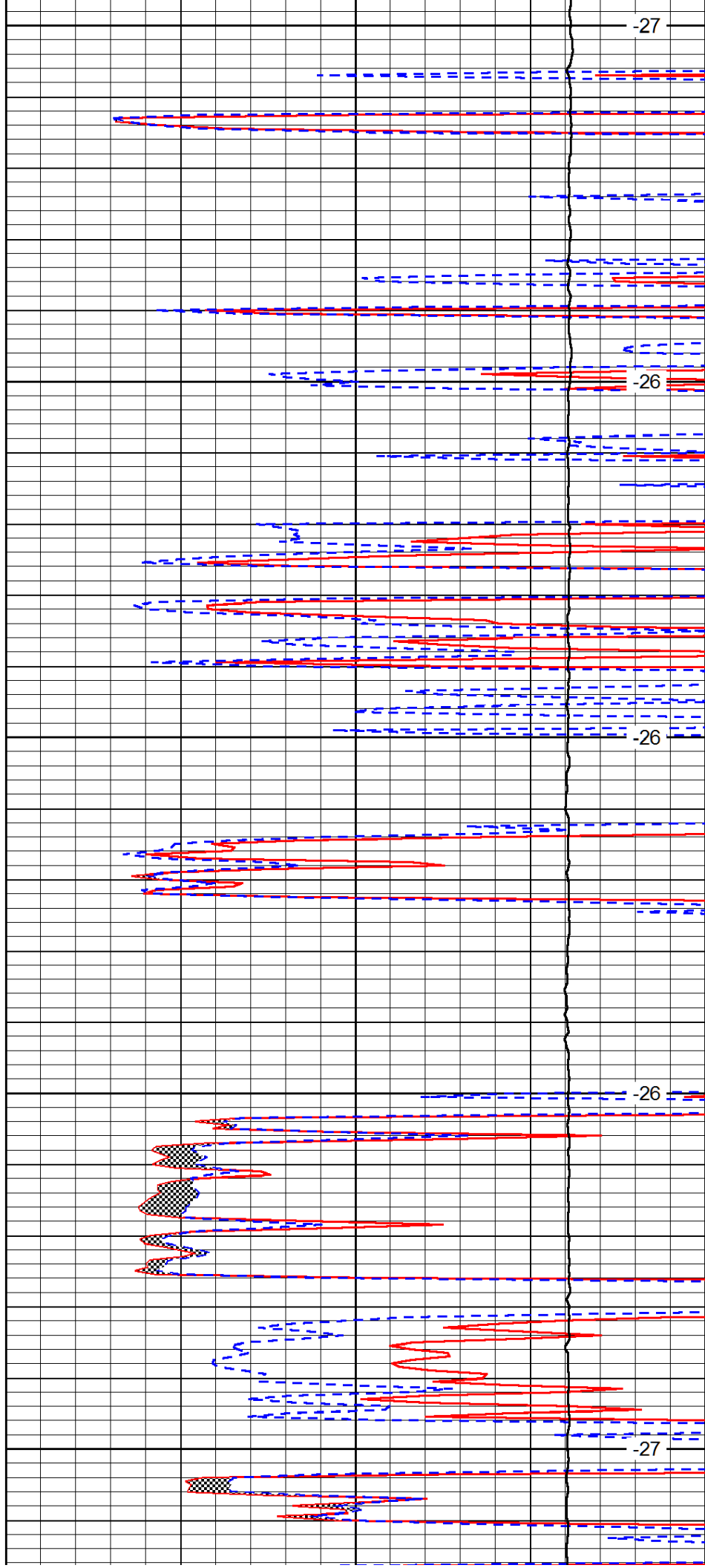
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4600

4650



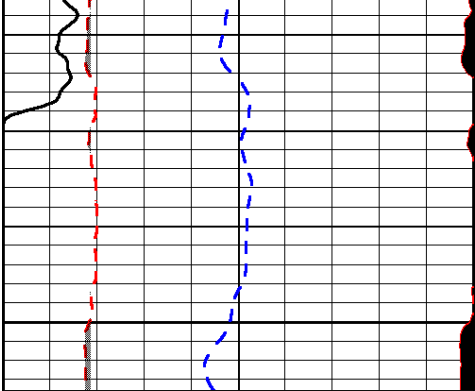
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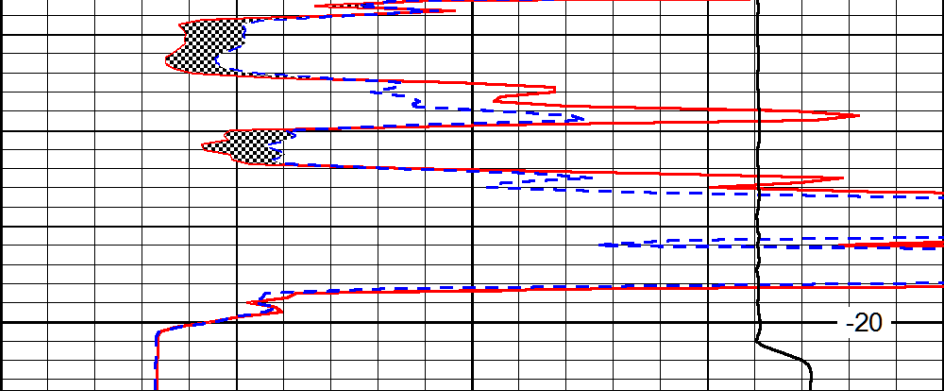
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-27



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4700



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LSPD (ft/min)
