



Pioneer Energy Services

Microresistivity Log

API No.	15-083-21,900-00-00		
Company	Becker Oil Corporation	Location	SW-SE-SE-SE 83' FSL & 558' FEL
Well	Winter Land and Cattle No. 1	County	Hodgeman State
Field	Saw Log Creek	State	Kansas
Sec:	36	Twp:	23S
Drilling Measured From	Kelly Bushing	Rge:	22W
Log Measured From	Kelly Bushing	Elevation	2303
Drilling Measured From	Kelly Bushing	Other Services	CNL/CDL DIL

Date	12/20/13
Run Number	Two
Depth Driller	4570
Depth Logger	4567
Bottom Logged Interval	4566
Top Log Interval	3800
Casing Driller	8.625 @ 255
Casing Logger	253
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	4,500
Density / Viscosity	9.0 58
pH / Fluid Loss	9.0 8.8
Source of Sample	Flowline
Rm @ Meas. Temp	.68 @ 51
Rmf @ Meas. Temp	.51 @ 51
Rmc @ Meas. Temp	.92 @ 51
Source of Rmf / Rmc	Charts
Rm @ BHT	.28 @ 122
Operating Rig Time	4 Hours
Max Rec. Temp. F	122
Equipment Number	15
Location	Hays
Recorded By	J. Henrickson
Witnessed By	Clyde Becker

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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

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(785) 625-3858

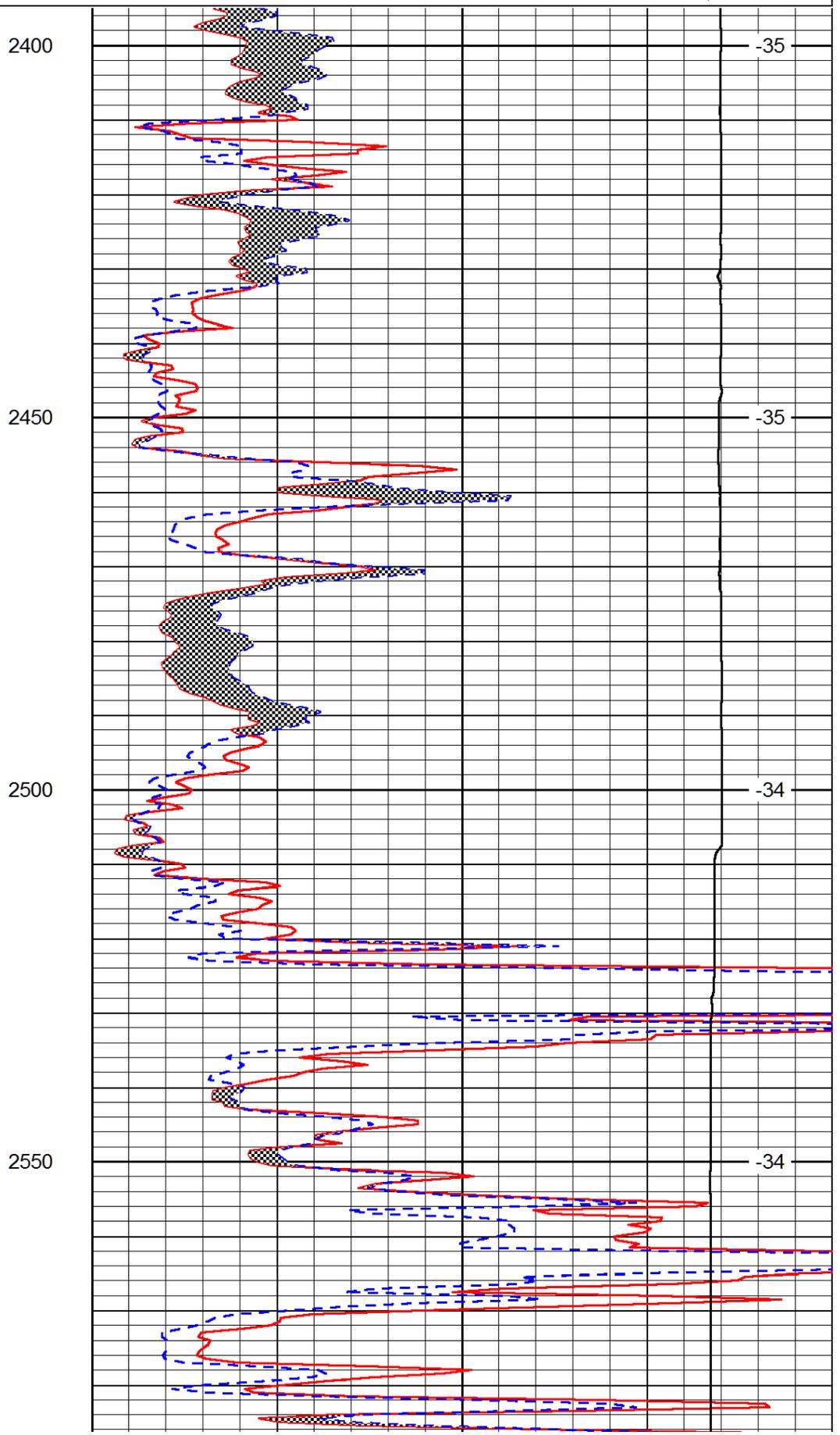
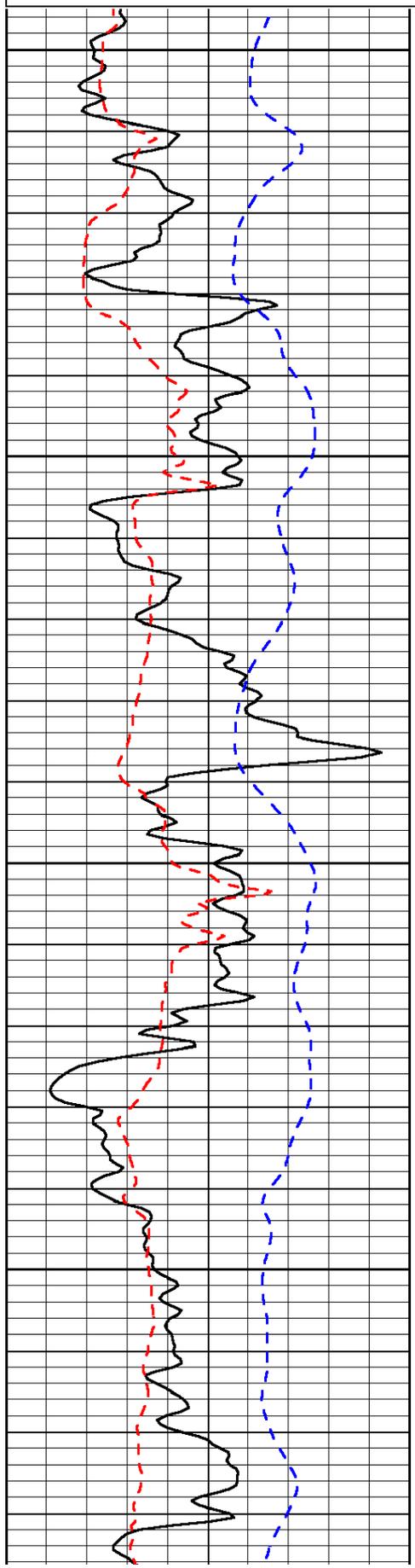
Burdett Kansas
West on 156 HWY to 232 Rd, 1 South, 1 West, 1 South 1, East, South to H Rd,
2 West, South Into

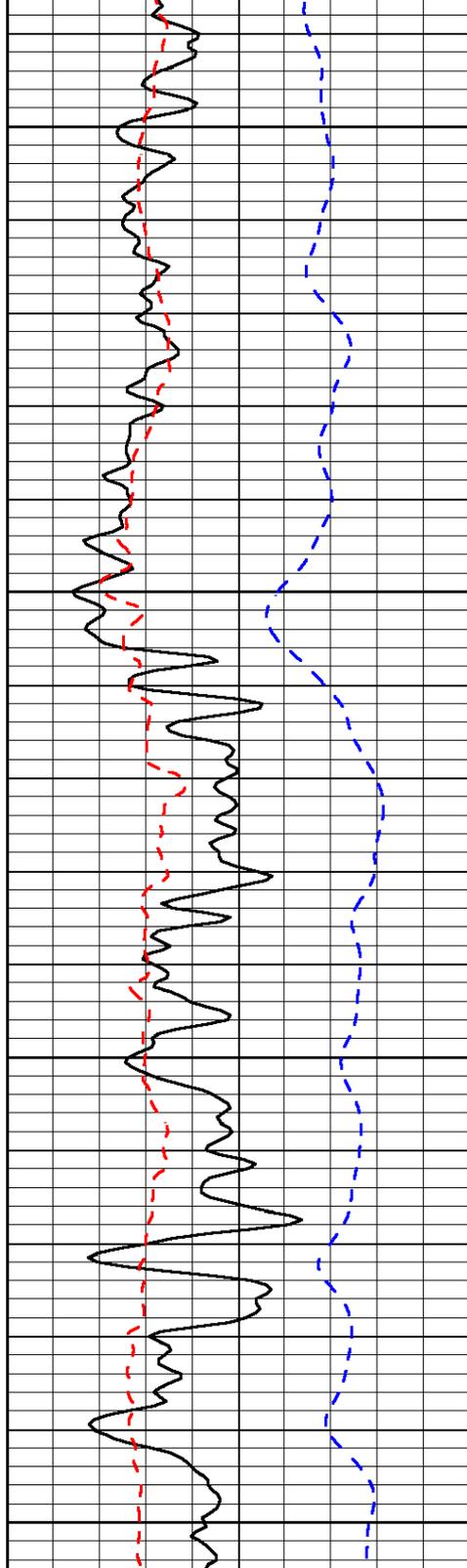
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 Dataset Pathname: DIL/beckstk
 Presentation Format: micro
 Dataset Creation: Fri Dec 20 09:31:36 2013
 Charted by: Depth in Feet scaled 1:240

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

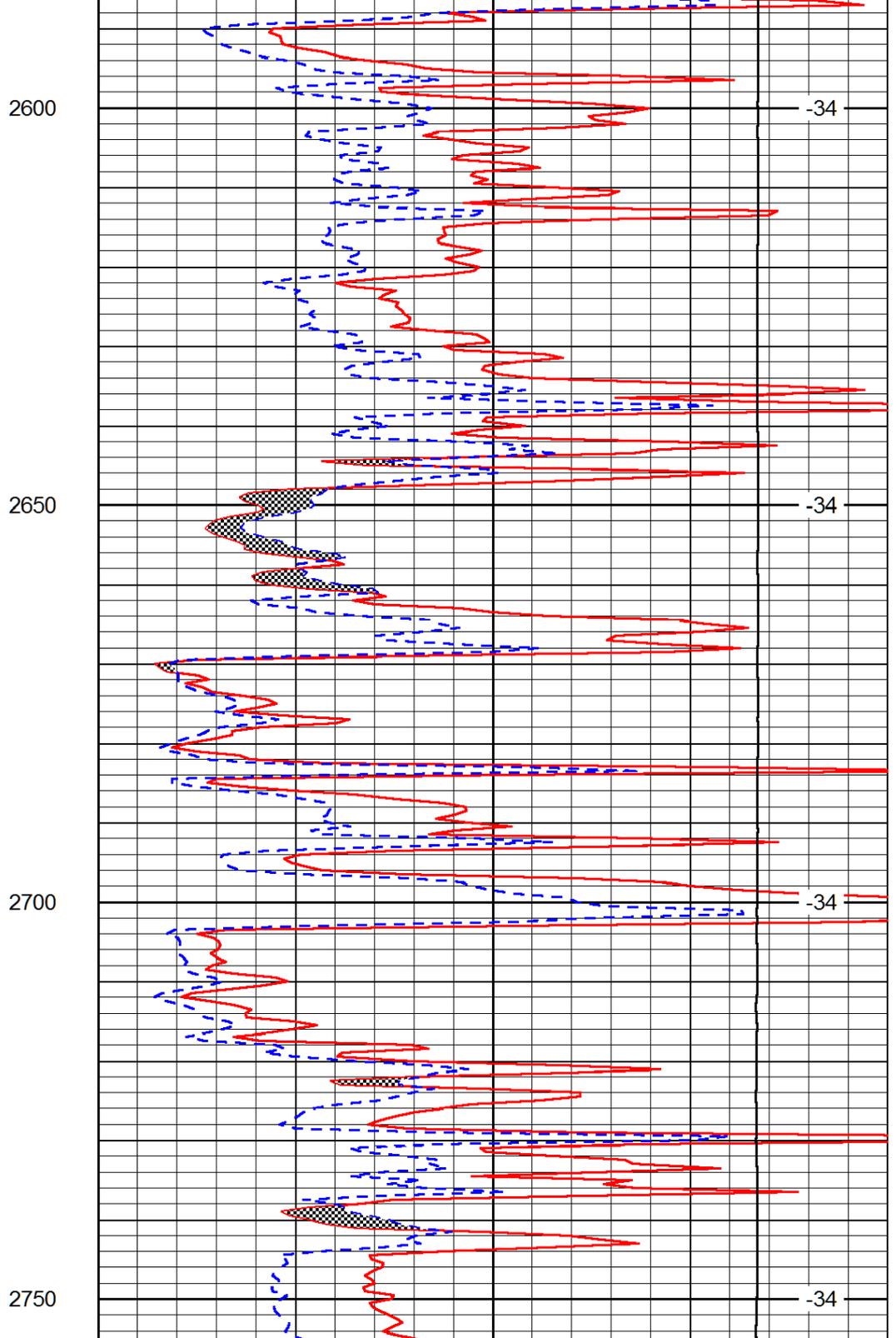
0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD
(ft/min)





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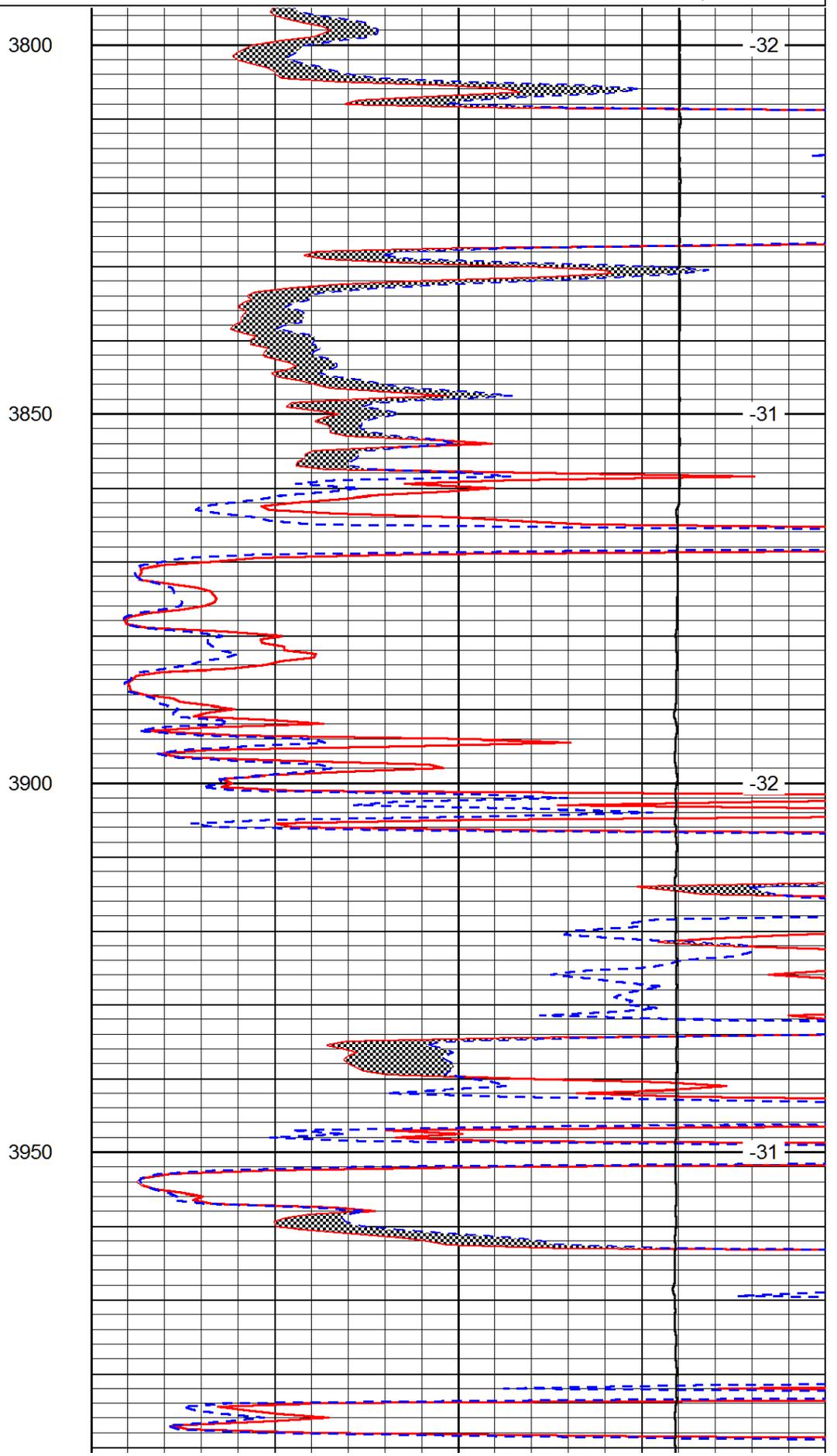
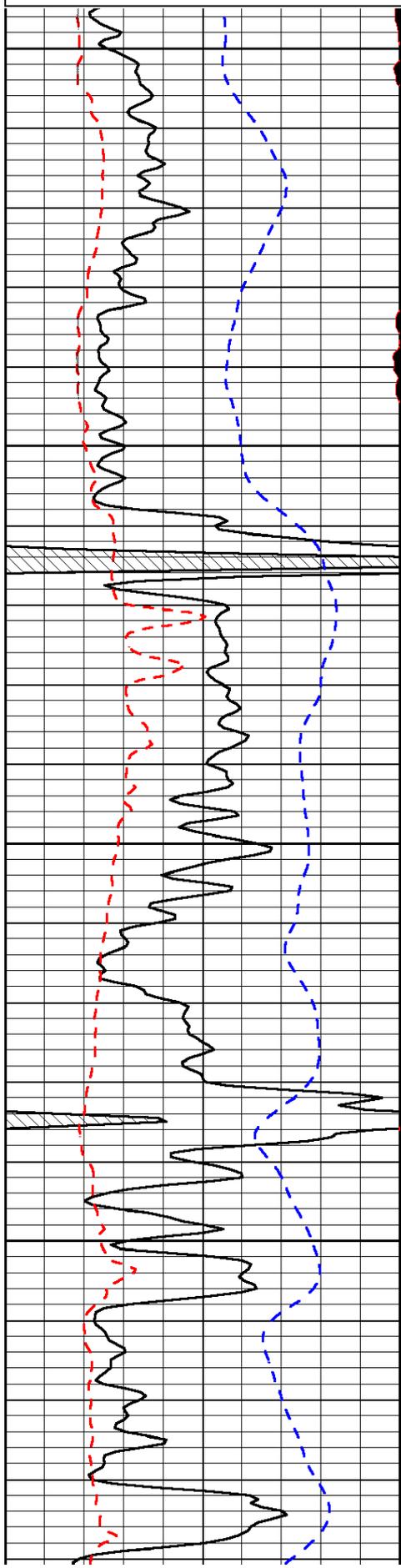
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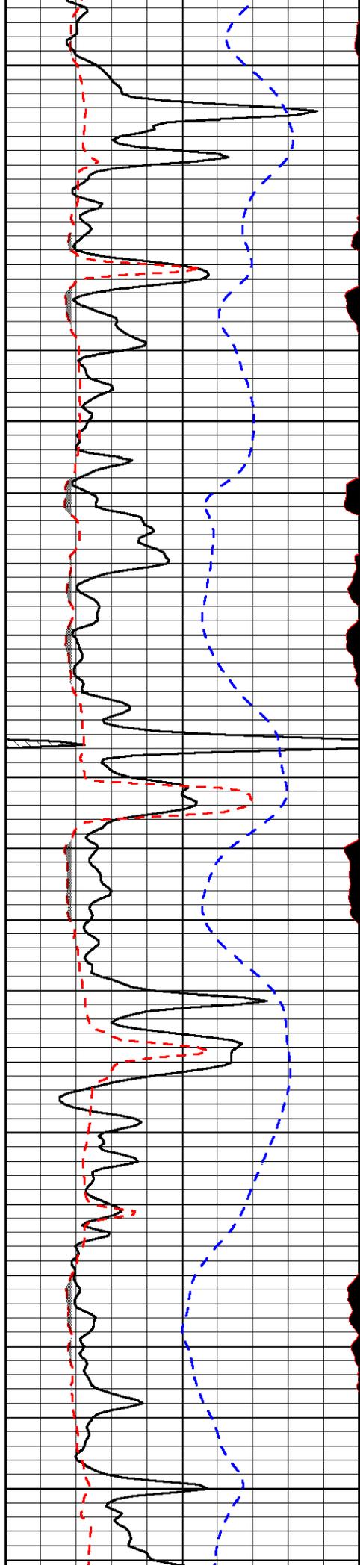
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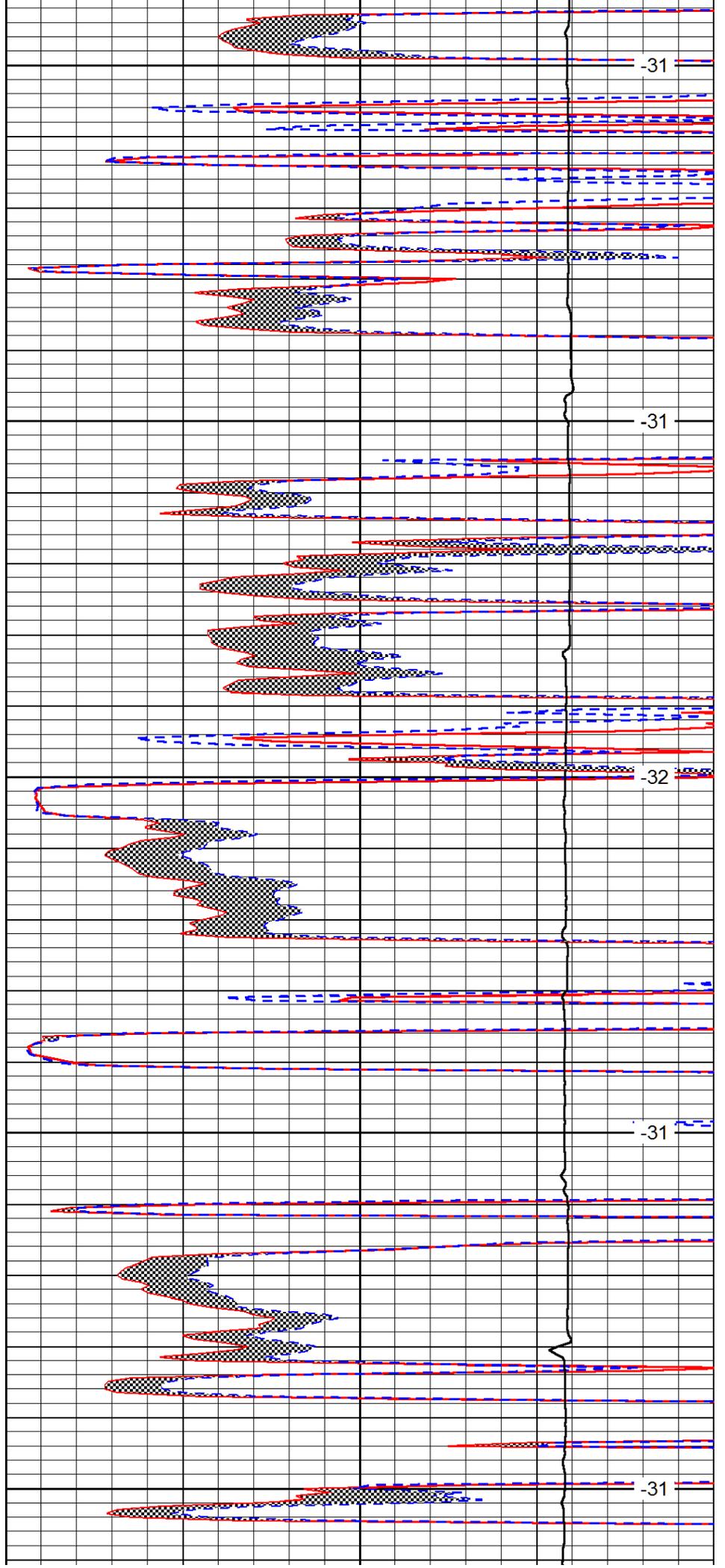
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4050

4100

4150

4200



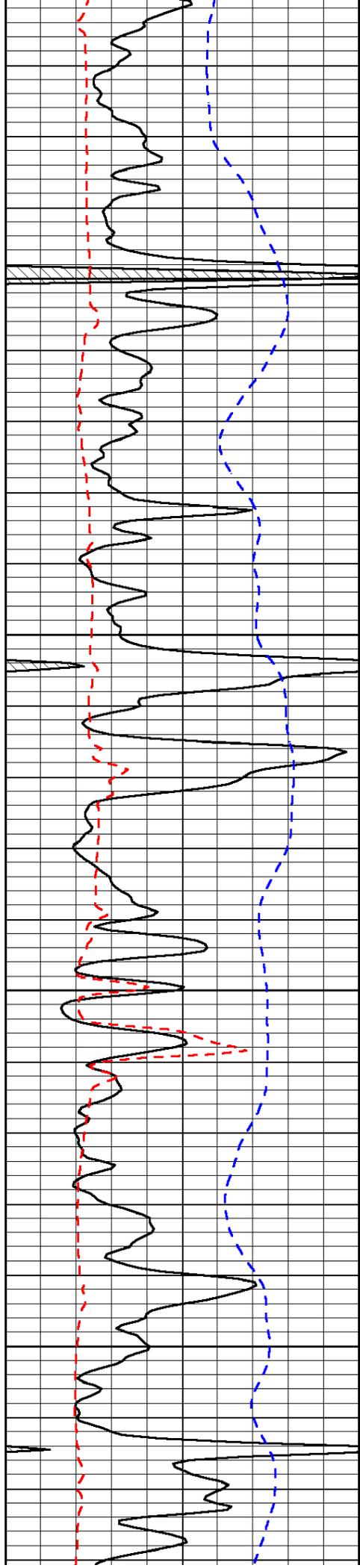
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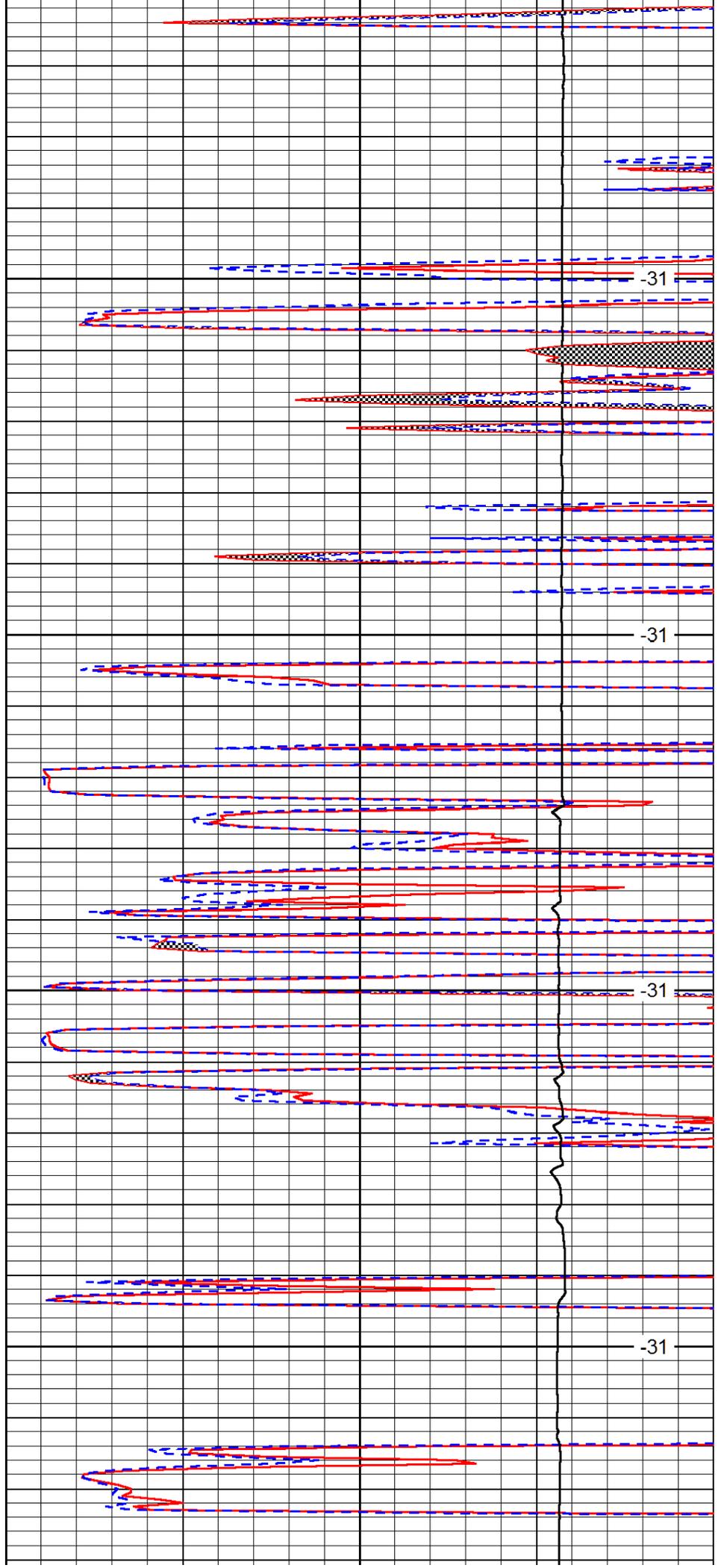


4250

4300

4350

4400

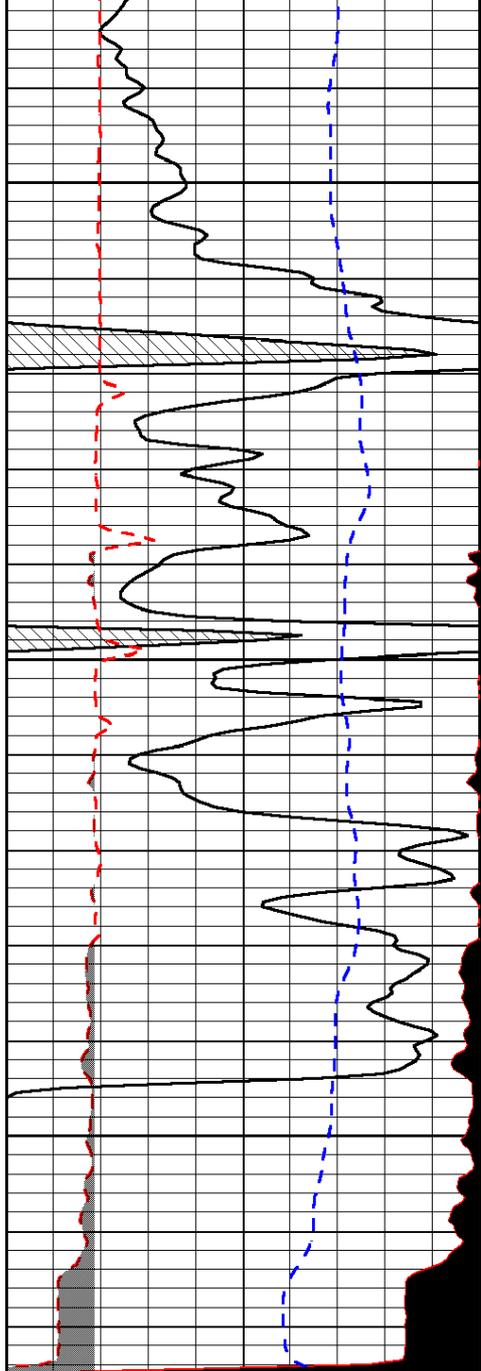


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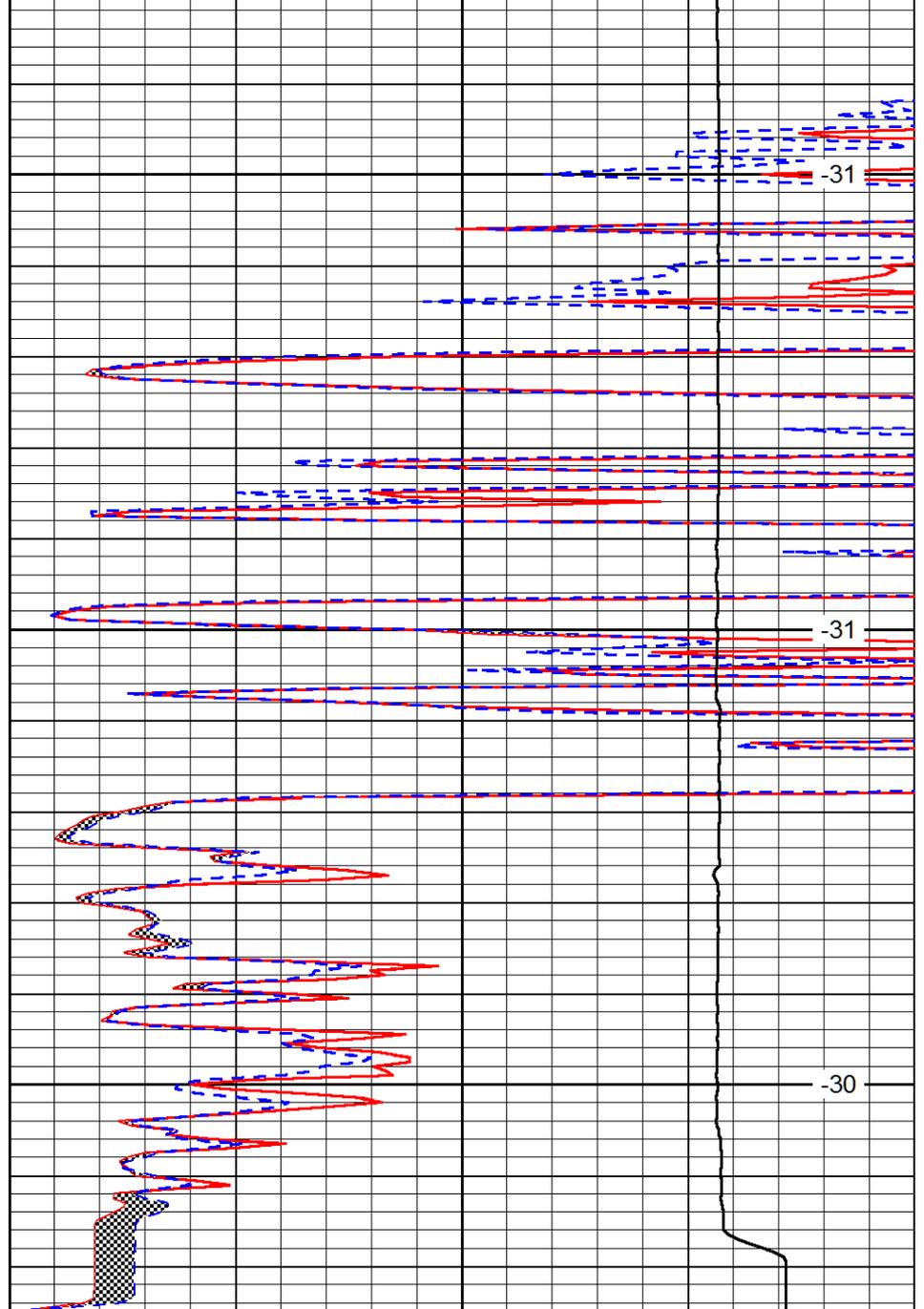


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