



Pioneer Energy Services

Microresistivity Log

API No.	Company Val Energy, Inc.		
	Well Pyle No. 5-3		
	Field Unnamed		
	County Barber	State	Kansas
	Location	SW NE SW 1650' FSL & 1650' FWL	
	Sec: 3	Twp: 33 S	Rge: 12 W
	Permanent Datum	Ground Level	Elevation 1488
	Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	
Date	9/19/2012		
Run Number	Two		
Depth Driller	4850		
Depth Logger	4857		
Bottom Logged Interval	4856		
Top Log Interval	3300		
Casing Driller	8.625 @ 223		
Casing Logger	228		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	5000		
Density / Viscosity	9.4	52	
pH / Fluid Loss	11.0	9.6	
Source of Sample	Flowline		
Rm @ Meas. Temp	.45 @ 70		
Rmf @ Meas. Temp	.34 @ 70		
Rmc @ Meas. Temp	.61 @ 70		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.25 @ 125		
Operating Rig Time	3 1/2 Hours		
Max Rec. Temp. F	125		
Equipment Number	15		
Location	Hays		
Recorded By	D. Kerr		
Witnessed By	Zeb Stewart		

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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.

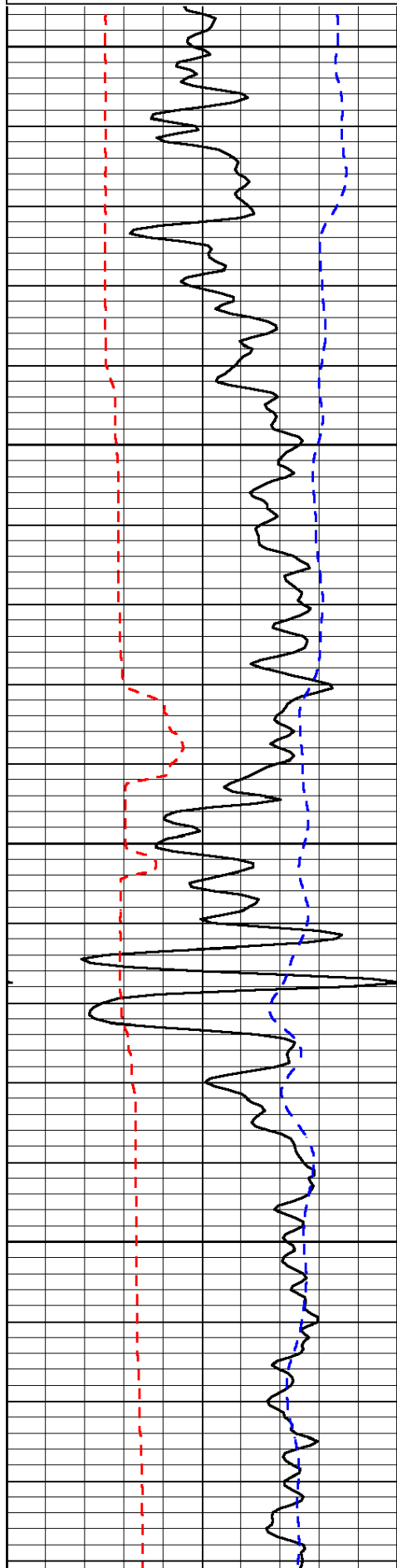
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

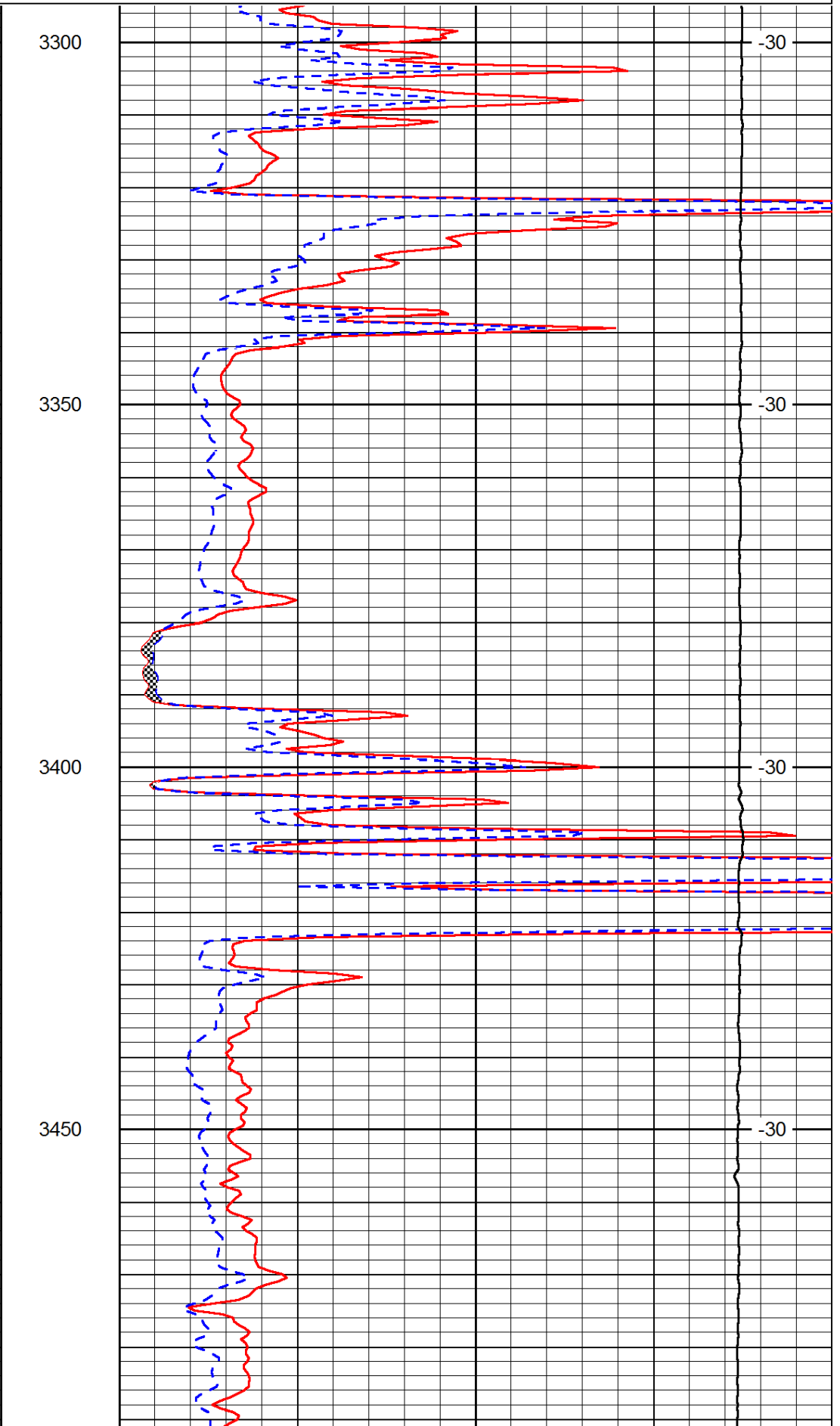
Medicine Lodge KS, South to Sumac RD,
1 3/4 West, 1/4 NorthEast, South Into

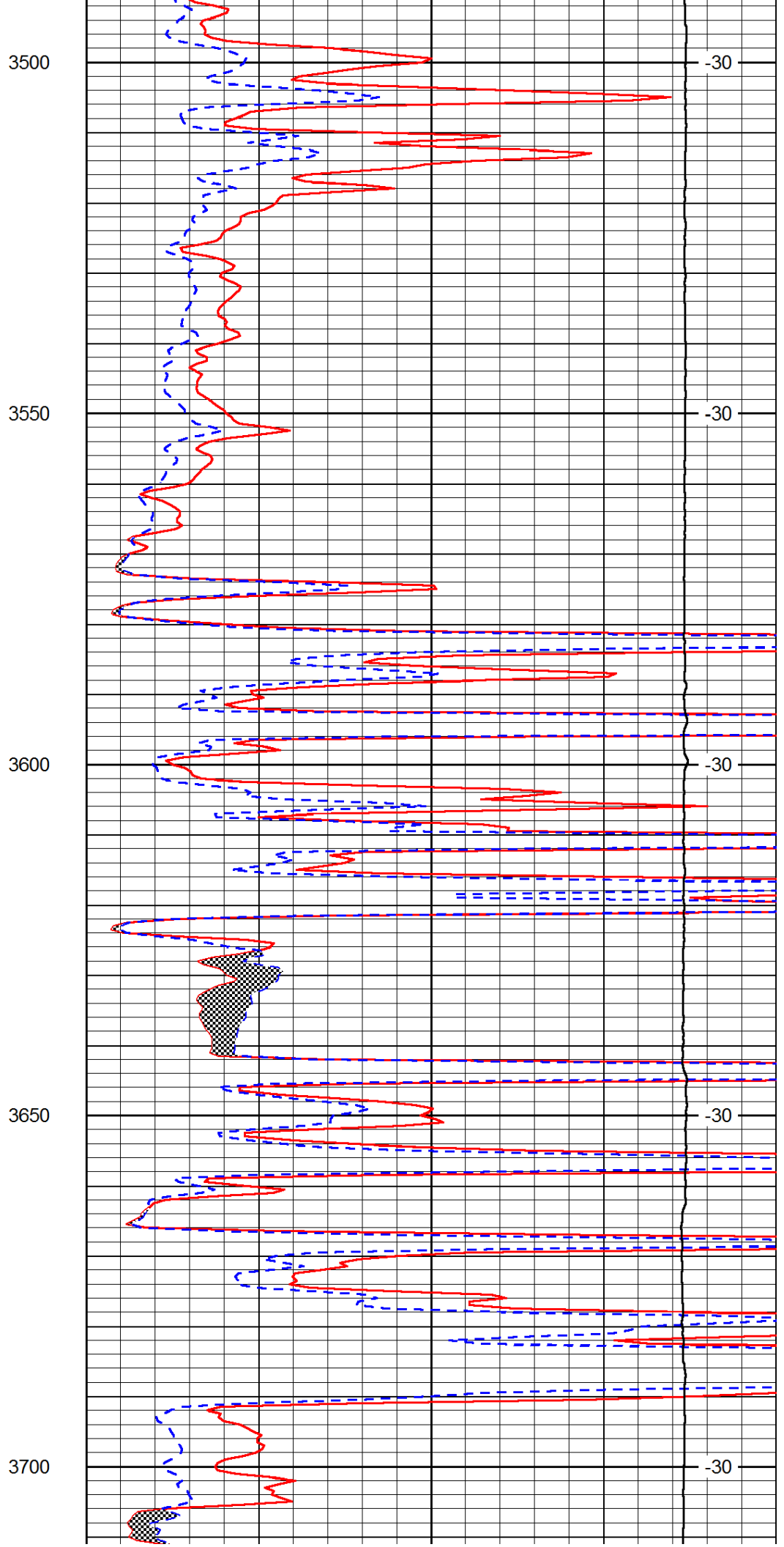
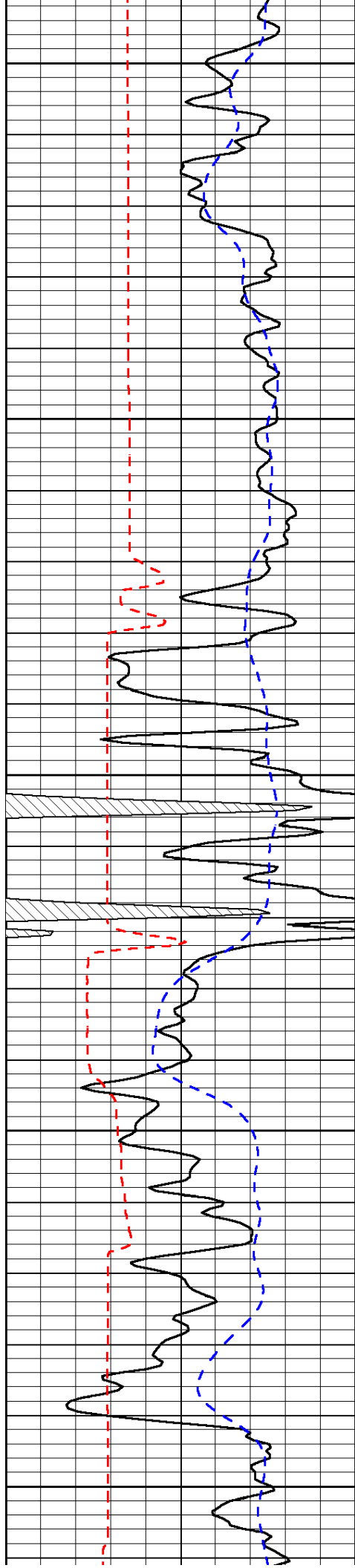
Database File: c:\warrior\data\val_pyle no. 5-3\val_pyle_5_3hd.db
Dataset Pathname: DIL\valstk
Presentation Format: micro
Dataset Creation: Wed Sep 19 13:59:44 2012
Charted by: Depth in Feet scaled 1:240

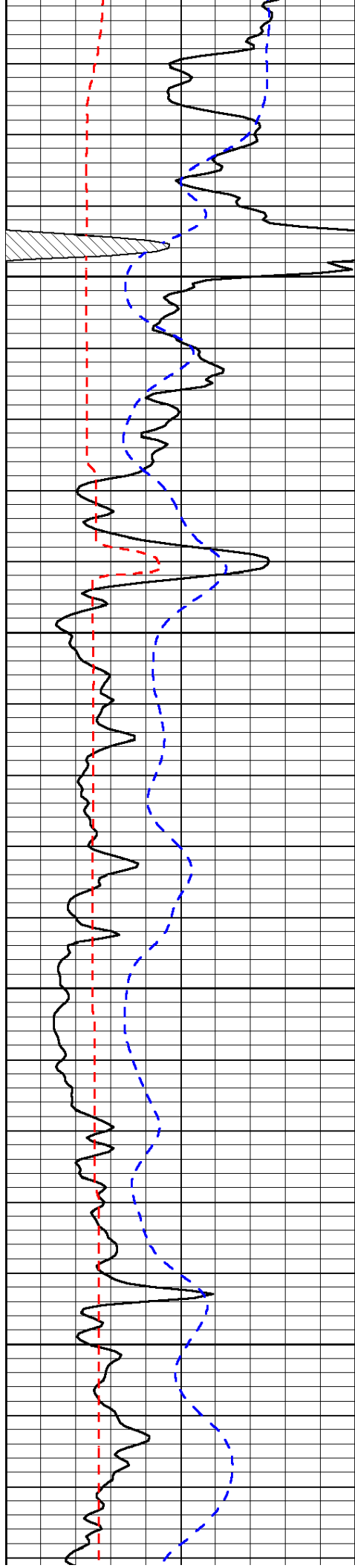
Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0





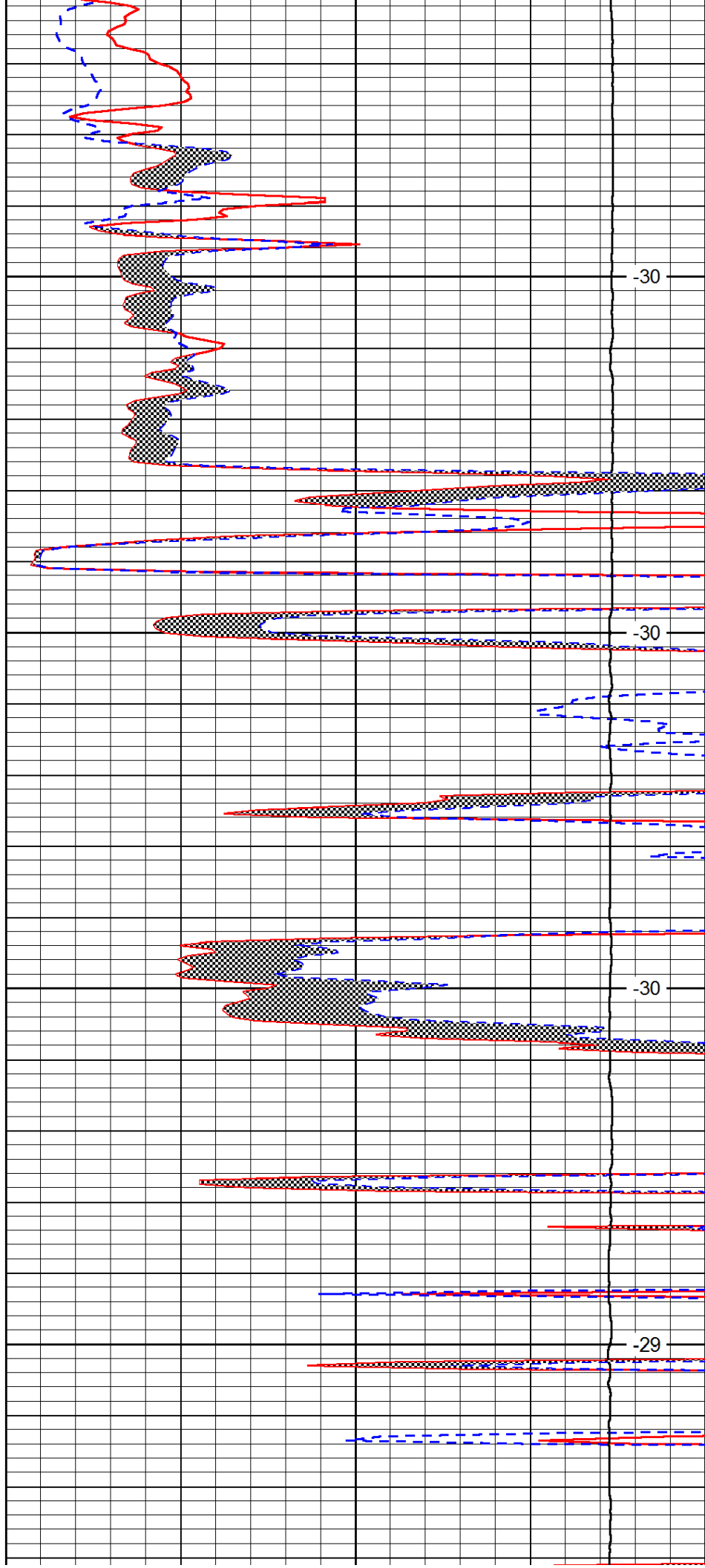


3750

3800

3850

3900

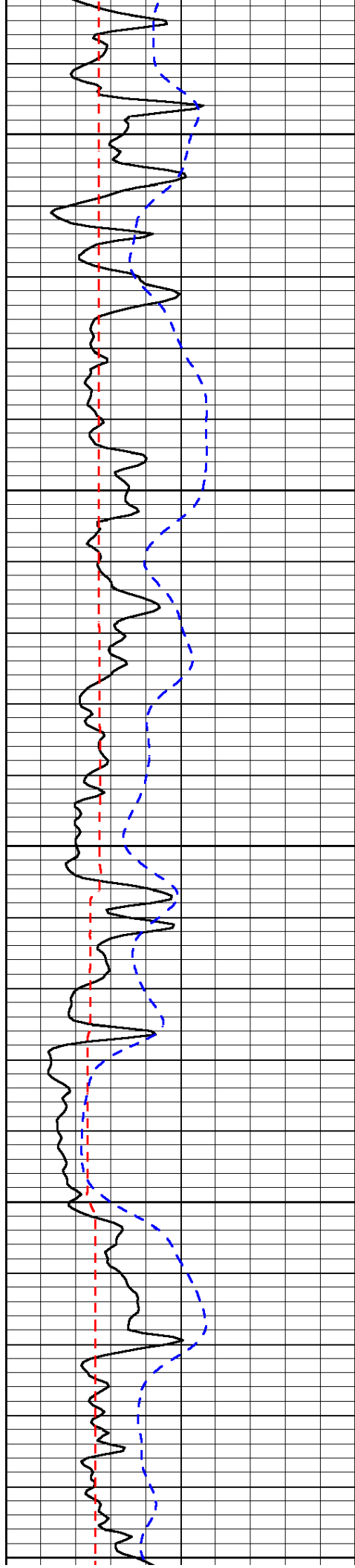


-30

-30

-30

-29



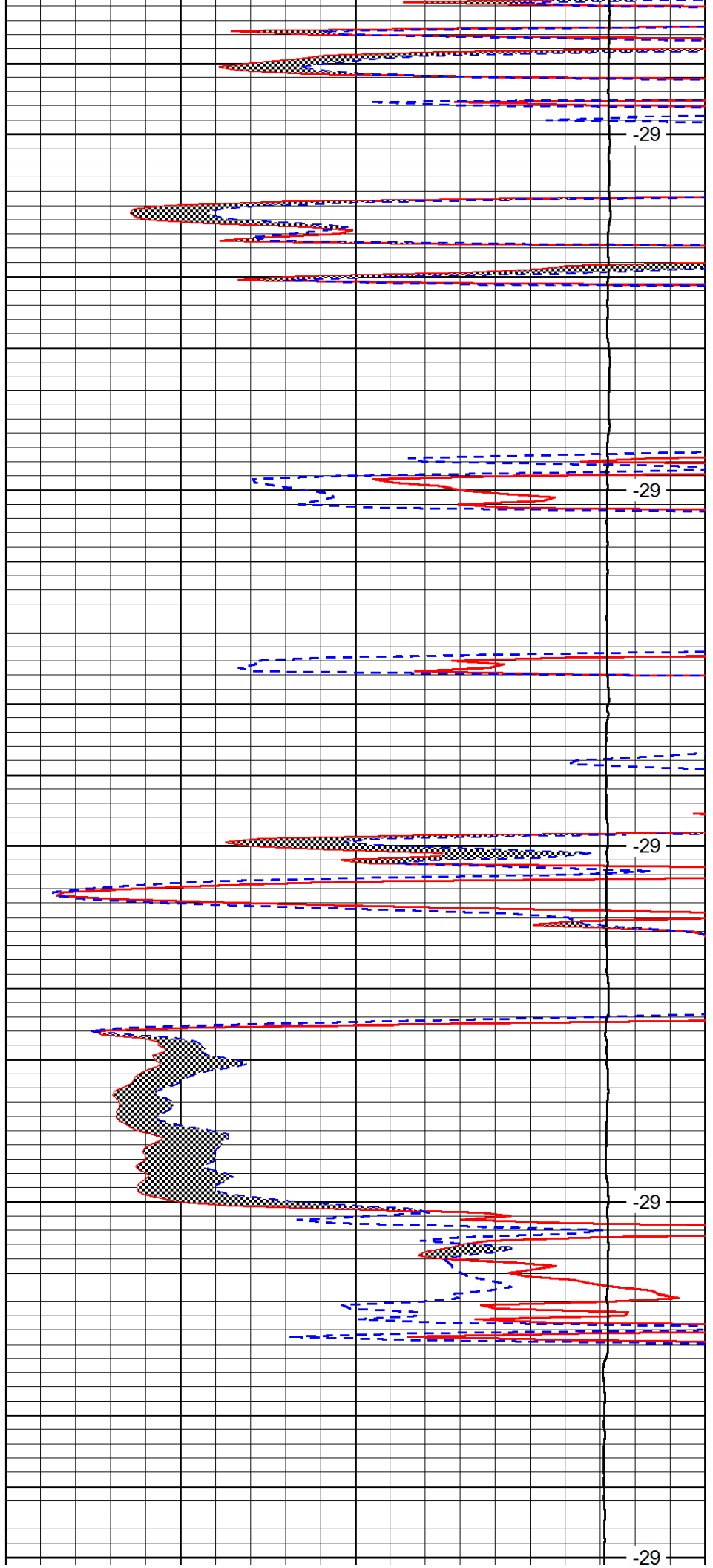
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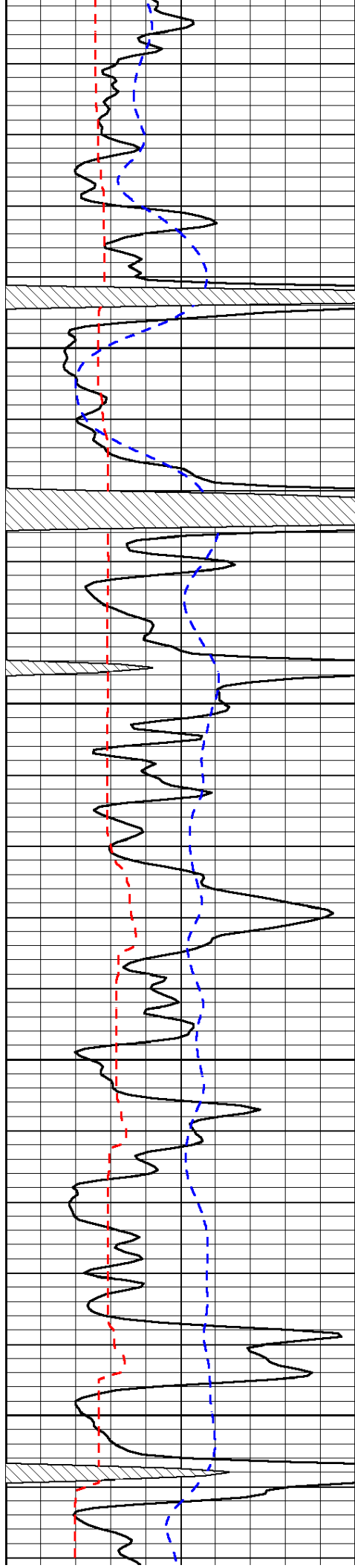
4000

4050

4100

4150



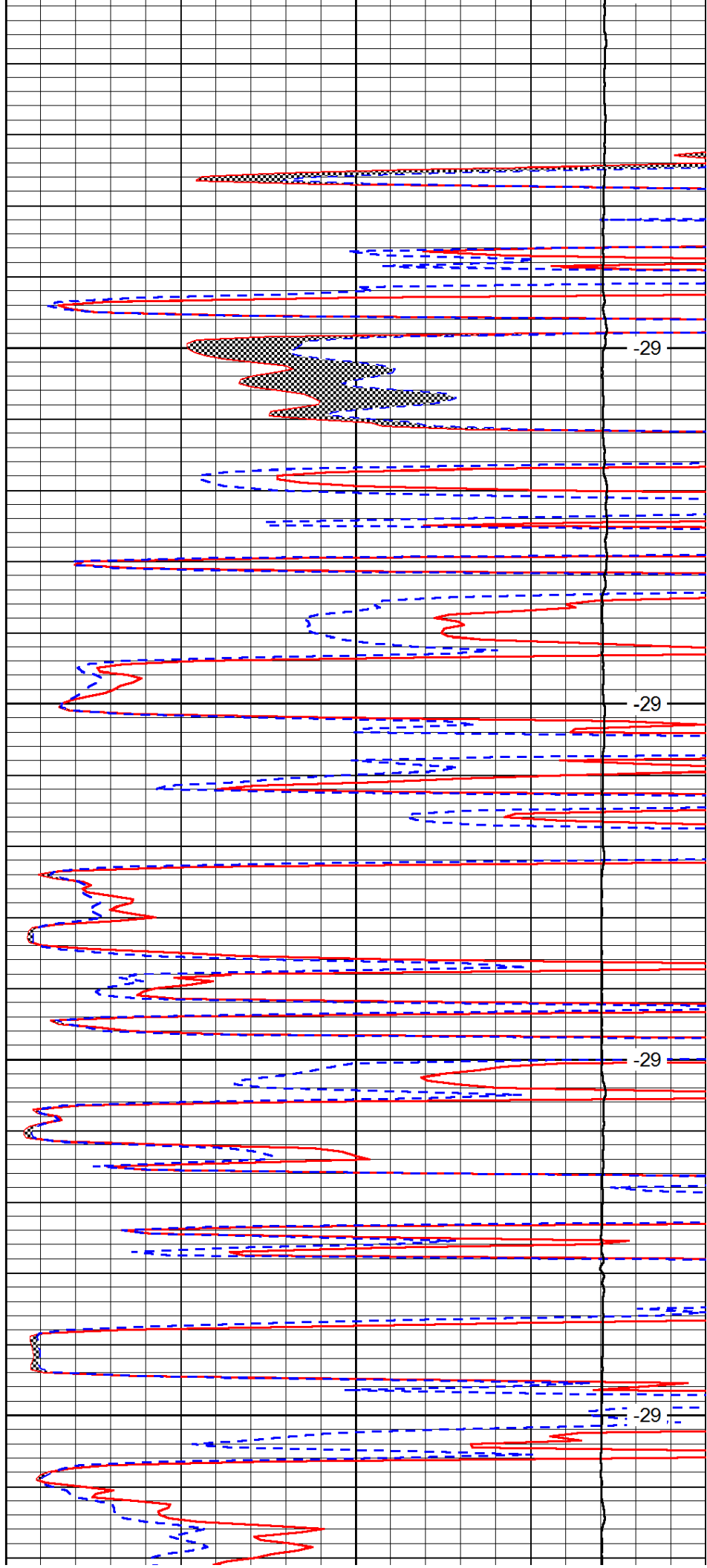


4200

4250

4300

4350

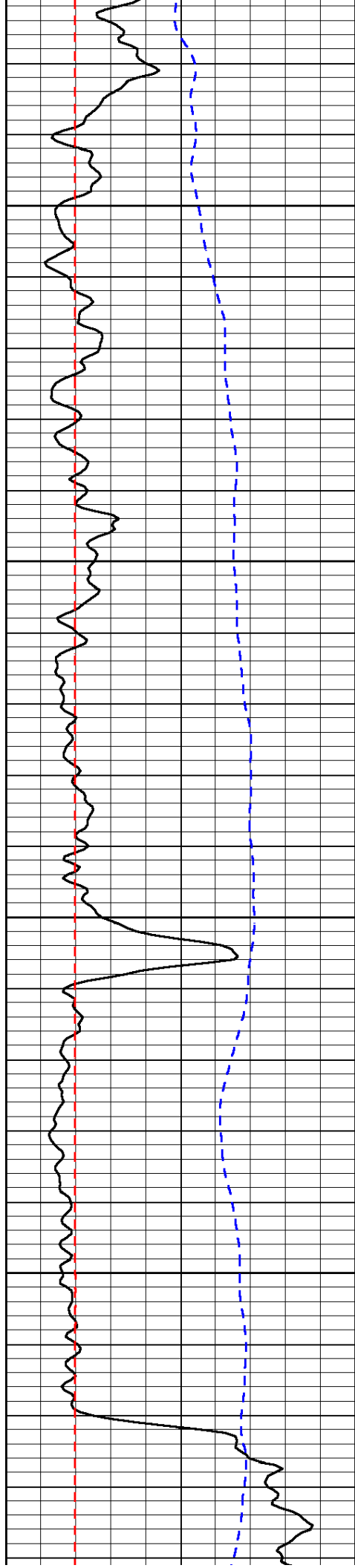


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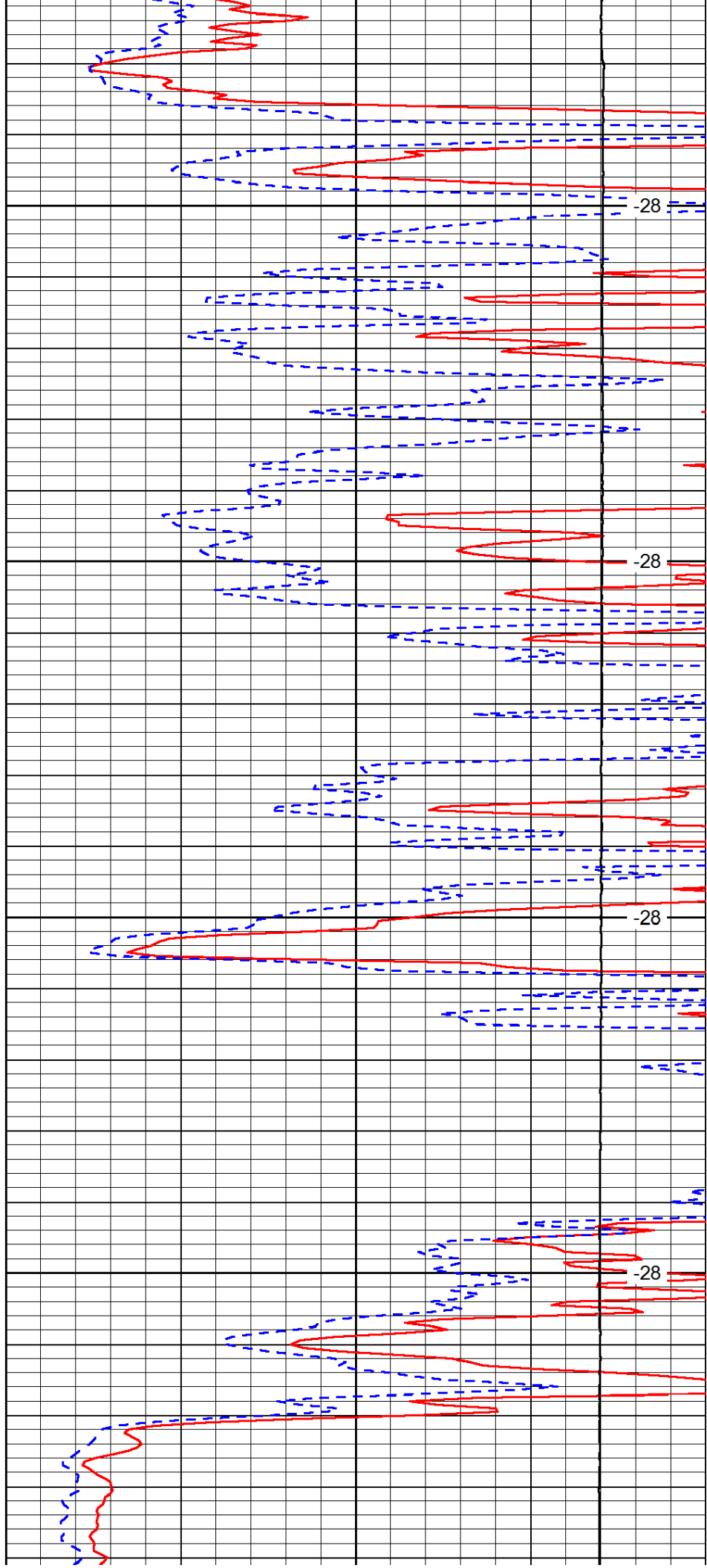


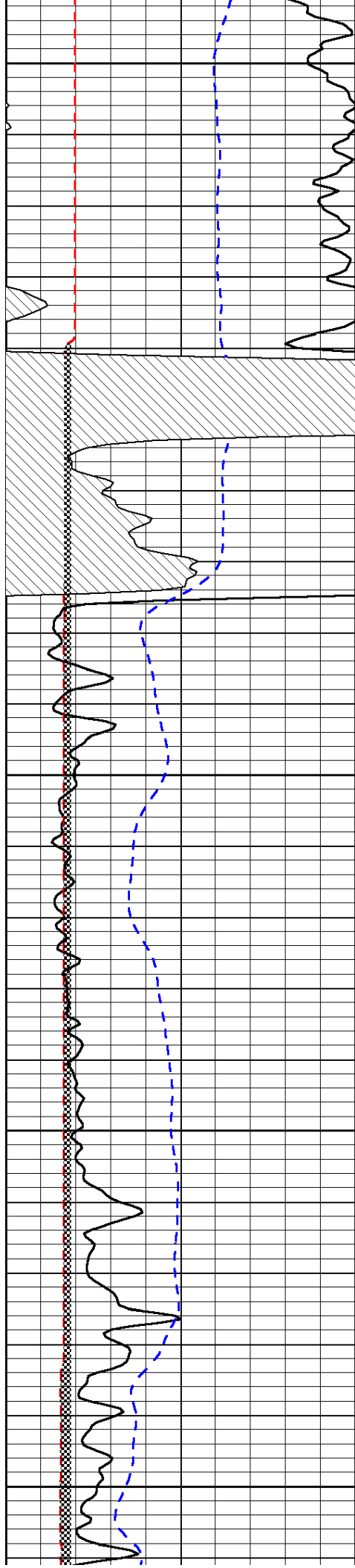
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4450

4500

4550





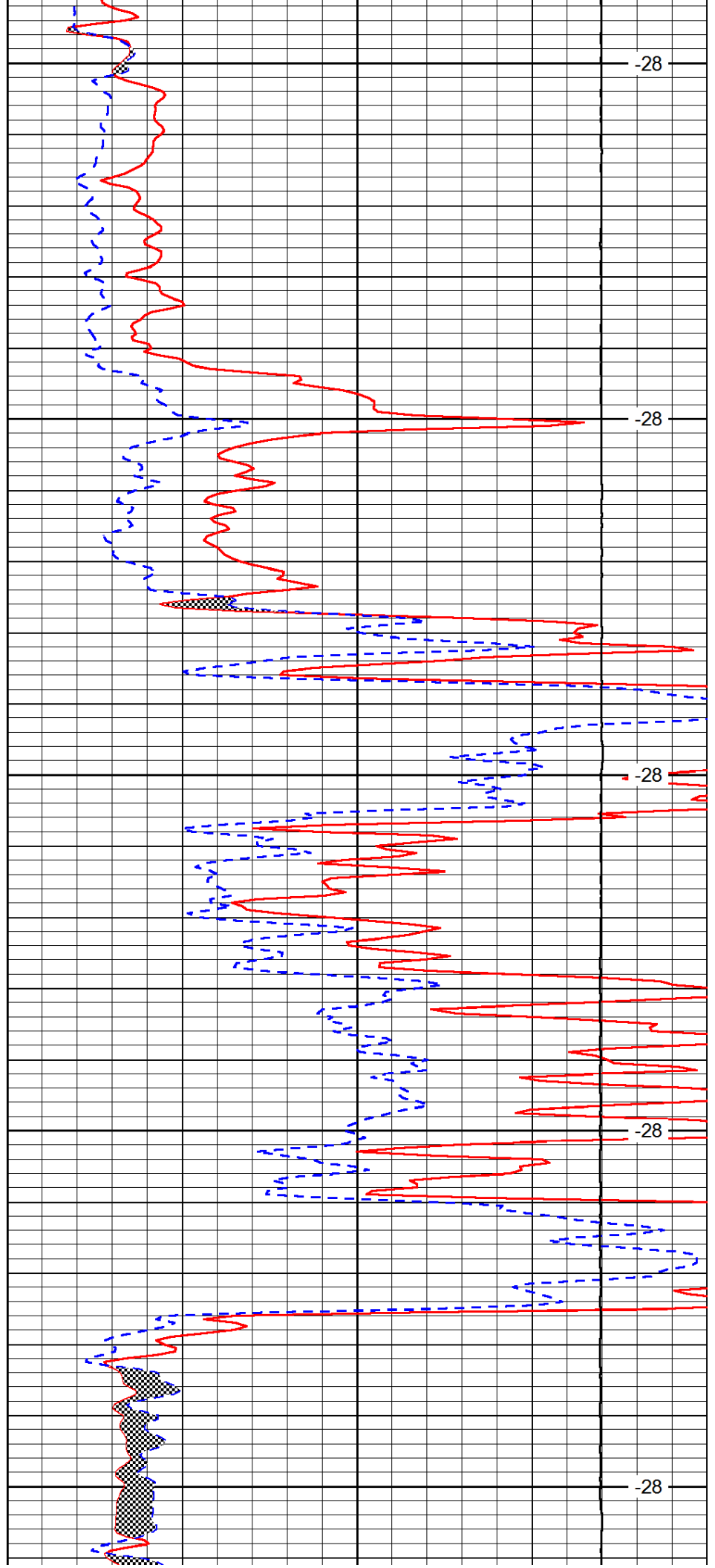
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4650

4700

4750

4800



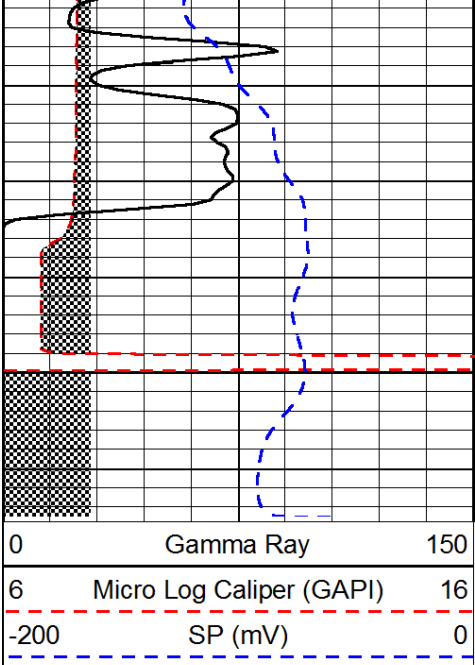
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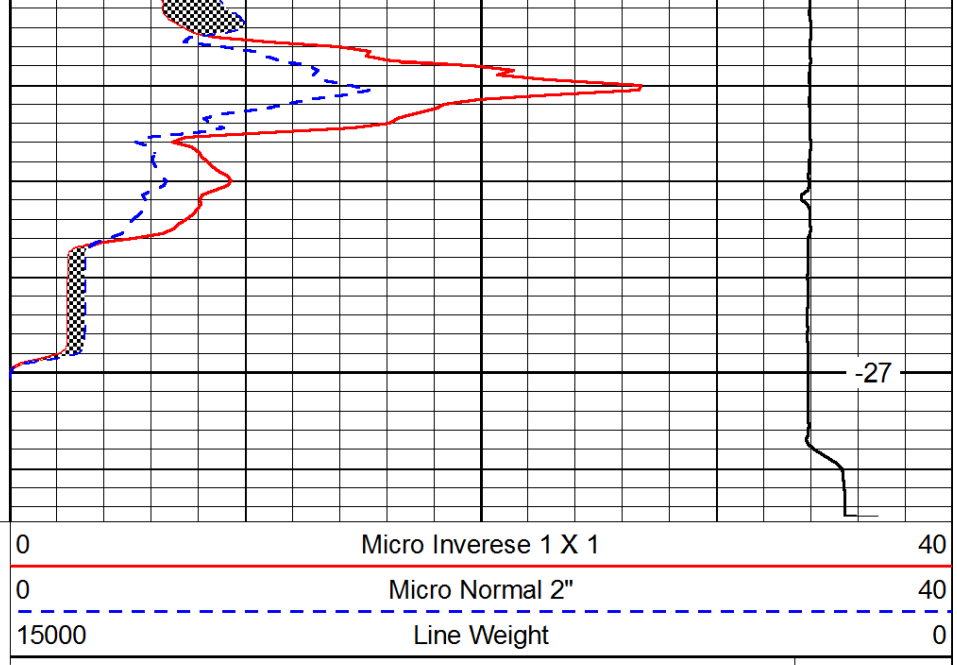
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-28



4850



-27

LSPD