



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	15-109-20,843-00-00		
Company	MAK-J Energy Kansas, LLC.		
Well	FP Dirks #3-28		
Field	Dirks		
County	Logan	State	Kansas
Location	SW NE NE NW 468' FNL & 2117' FWL		
Sec: 28	Twp: 15 S	Rge: 35 W	
Permanent Datum	Ground Level	Elevation	3220
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
		Other Services	CNL/CDL DIL/BHCS
		Elevation	K.B. 3230 D.F. 3220 G.L. 3220

Date	3/26/2010
Run Number	Two
Depth Driller	4860
Depth Logger	4854
Bottom Logged Interval	4853
Top Log Interval	3400
Casing Driller	8.625 @ 308
Casing Logger	309
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	3.000
Density / Viscosity	9.2 56
pH / Fluid Loss	10.5 8.0
Source of Sample	Flowline
Rm @ Meas. Temp	.5 @ 70
Rmf @ Meas. Temp	.38 @ 70
Rmc @ Meas. Temp	.69 @ 70
Source of Rmf / Rmc	Charts
Rm @ BHT	.28 @ 125
Operating Rig Time	5 Hours
Max Rec. Temp. F	126
Equipment Number	4
Location	Hays
Recorded By	K. Bange
Witnessed By	Steve Murphy

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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

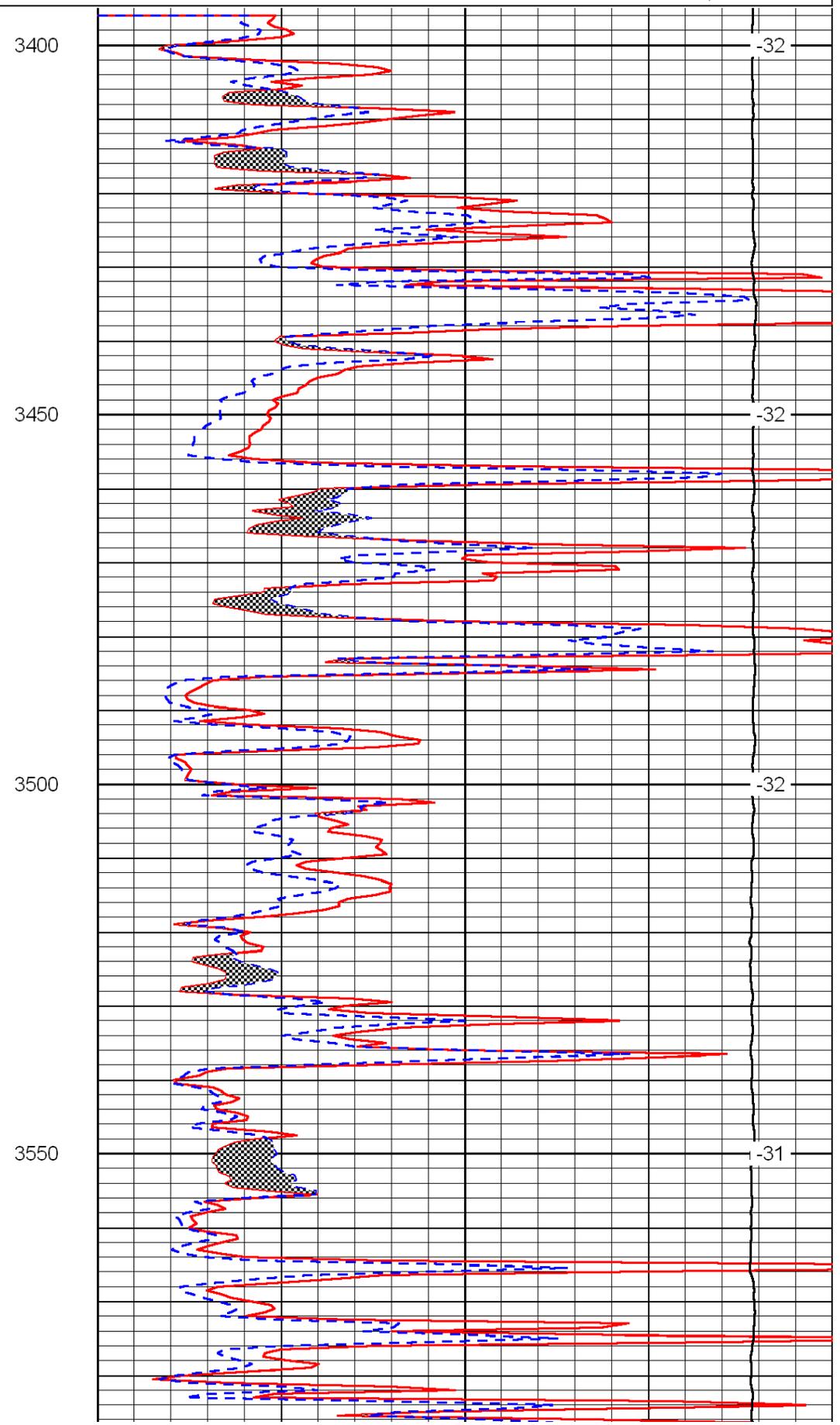
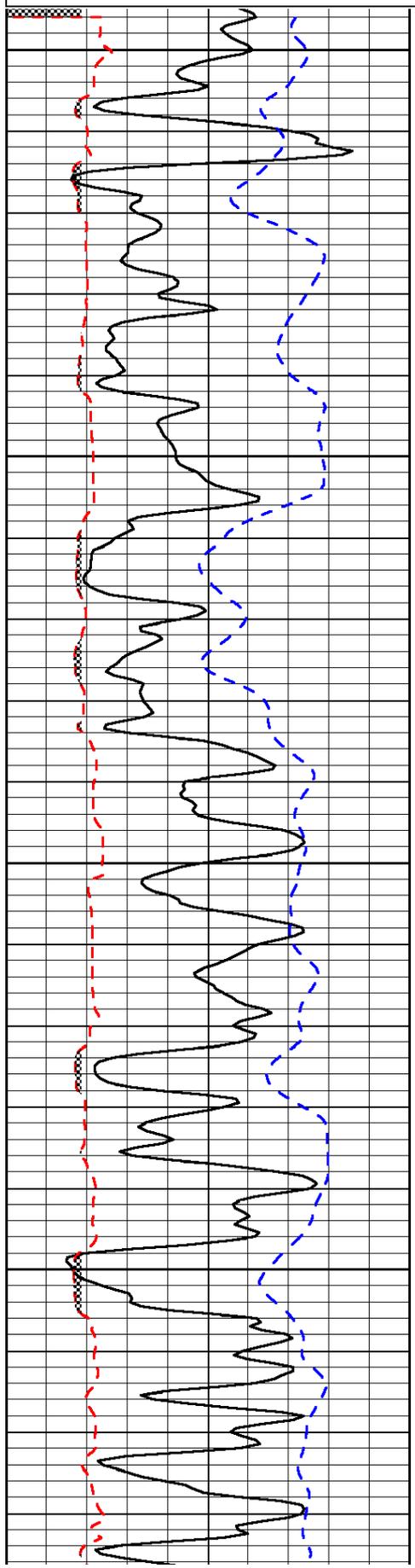
Hwy 4 & 83 Jct., 1 N to 95, W to Pence rd (rd 220) 16 W to 20 rd,
N to T, 1/4 W to Adobe rd, 2 N, E into

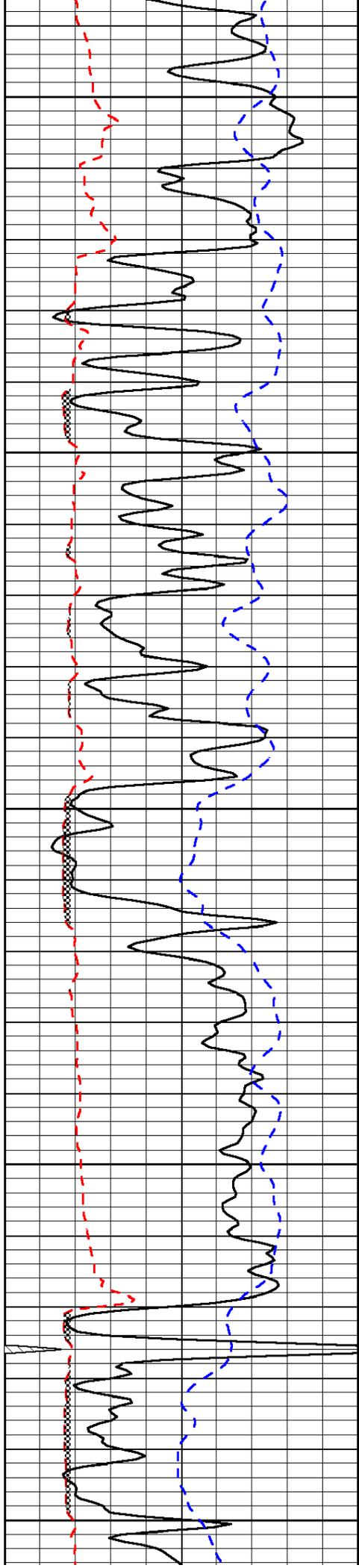
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 Dataset Pathname: dil/mak2in
 Presentation Format: micro
 Dataset Creation: Fri Mar 26 14:12:41 2010
 Charted by: Depth in Feet scaled 1:240

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)





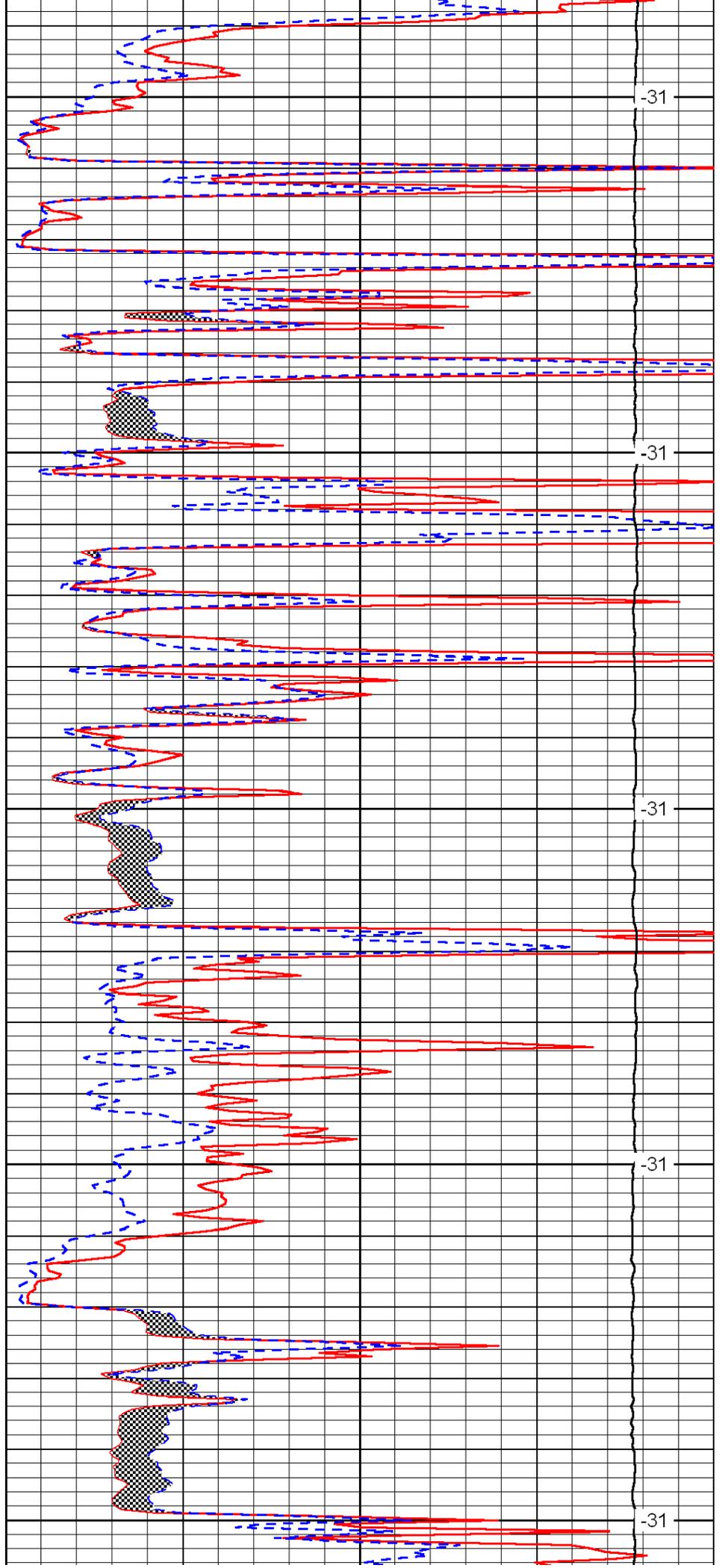
3600

3650

3700

3750

3800



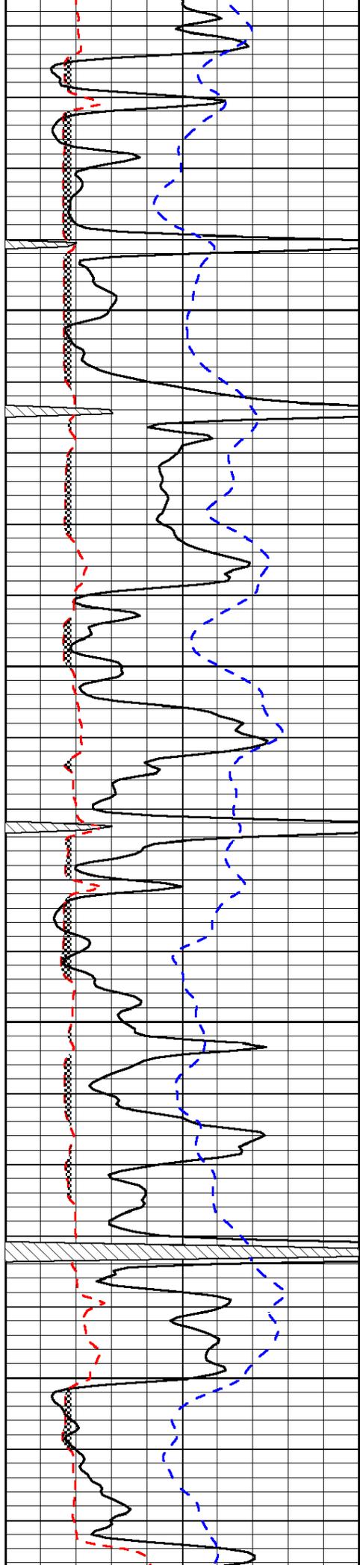
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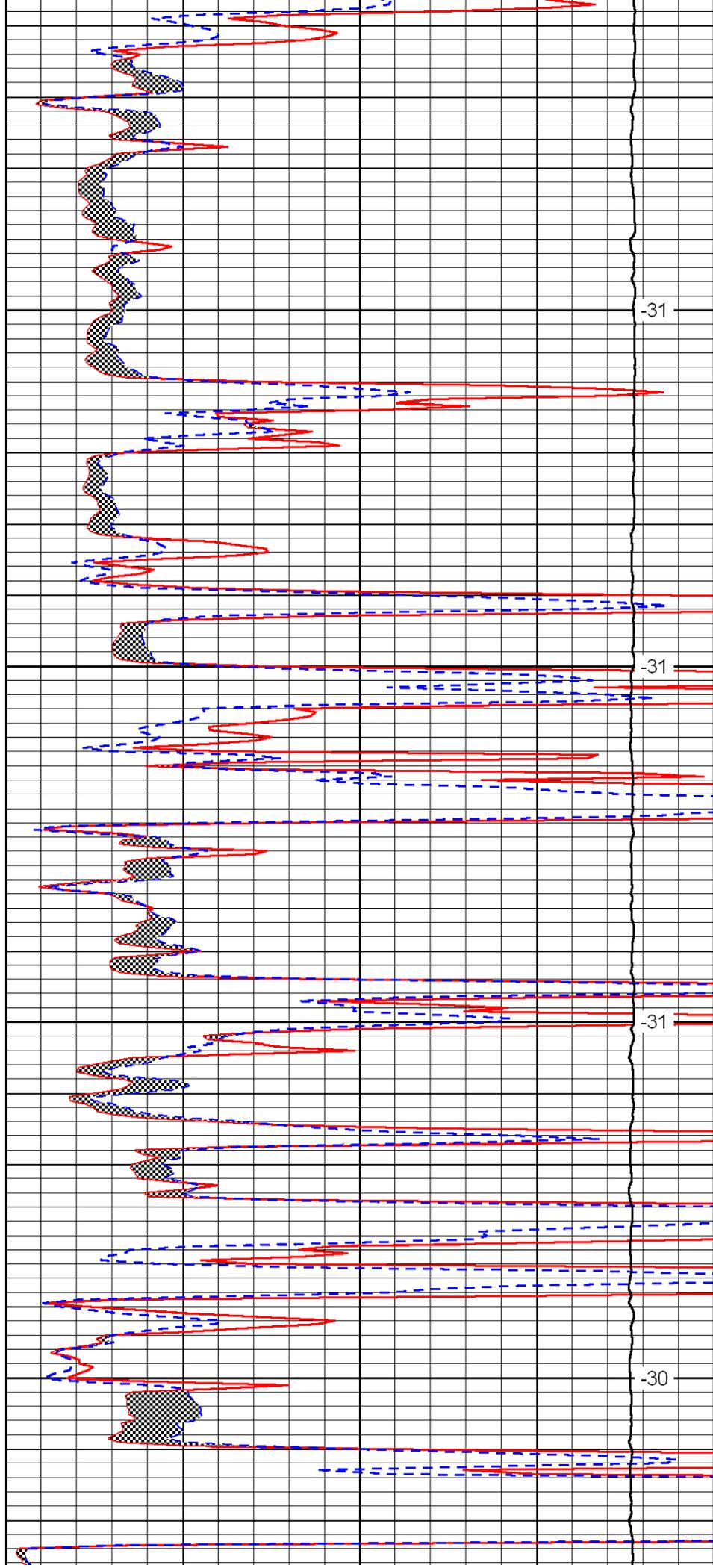


3850

3900

3950

4000

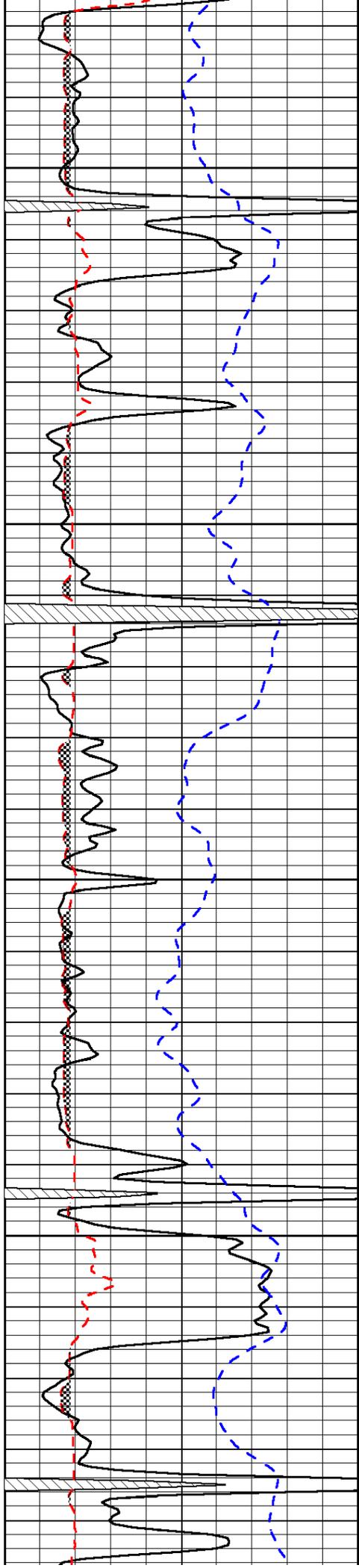


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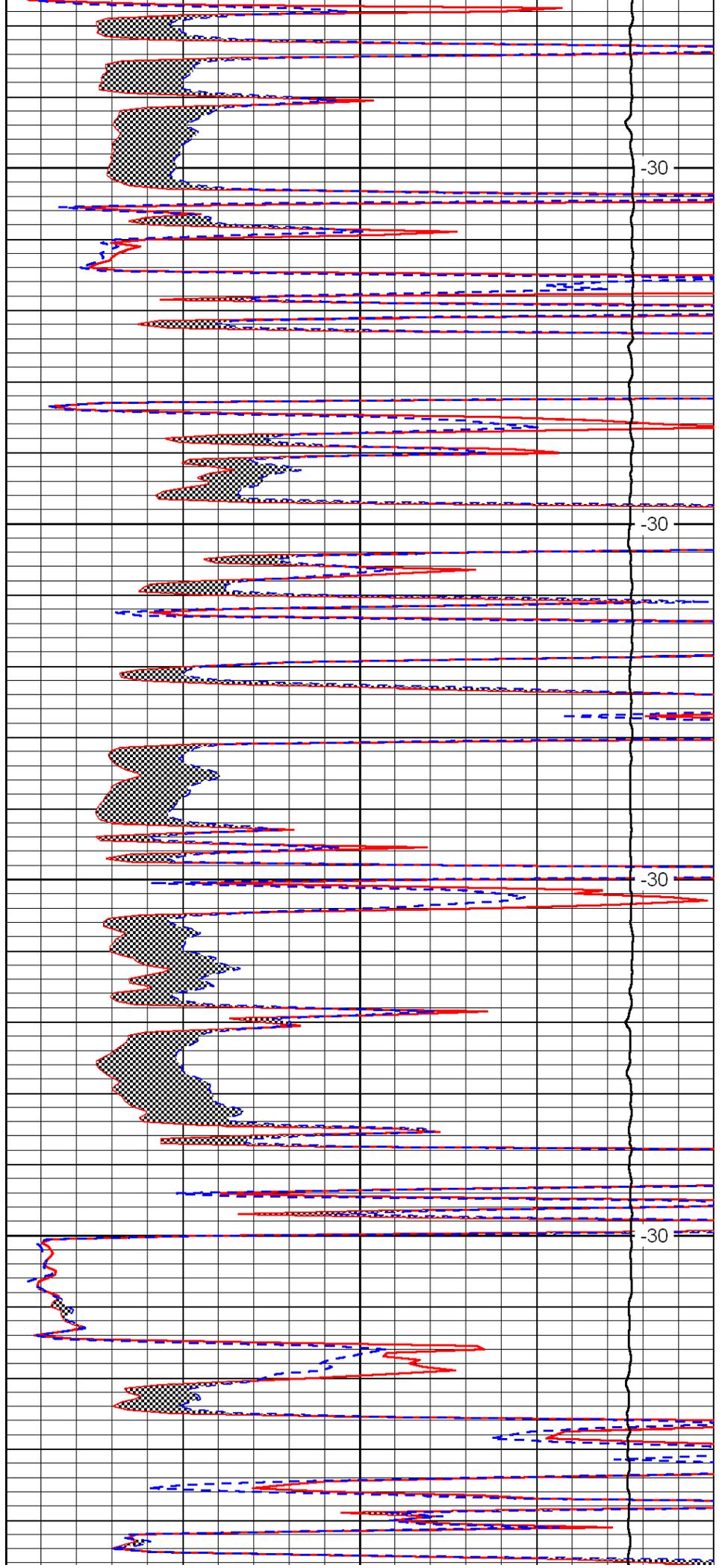


4050

4100

4150

4200

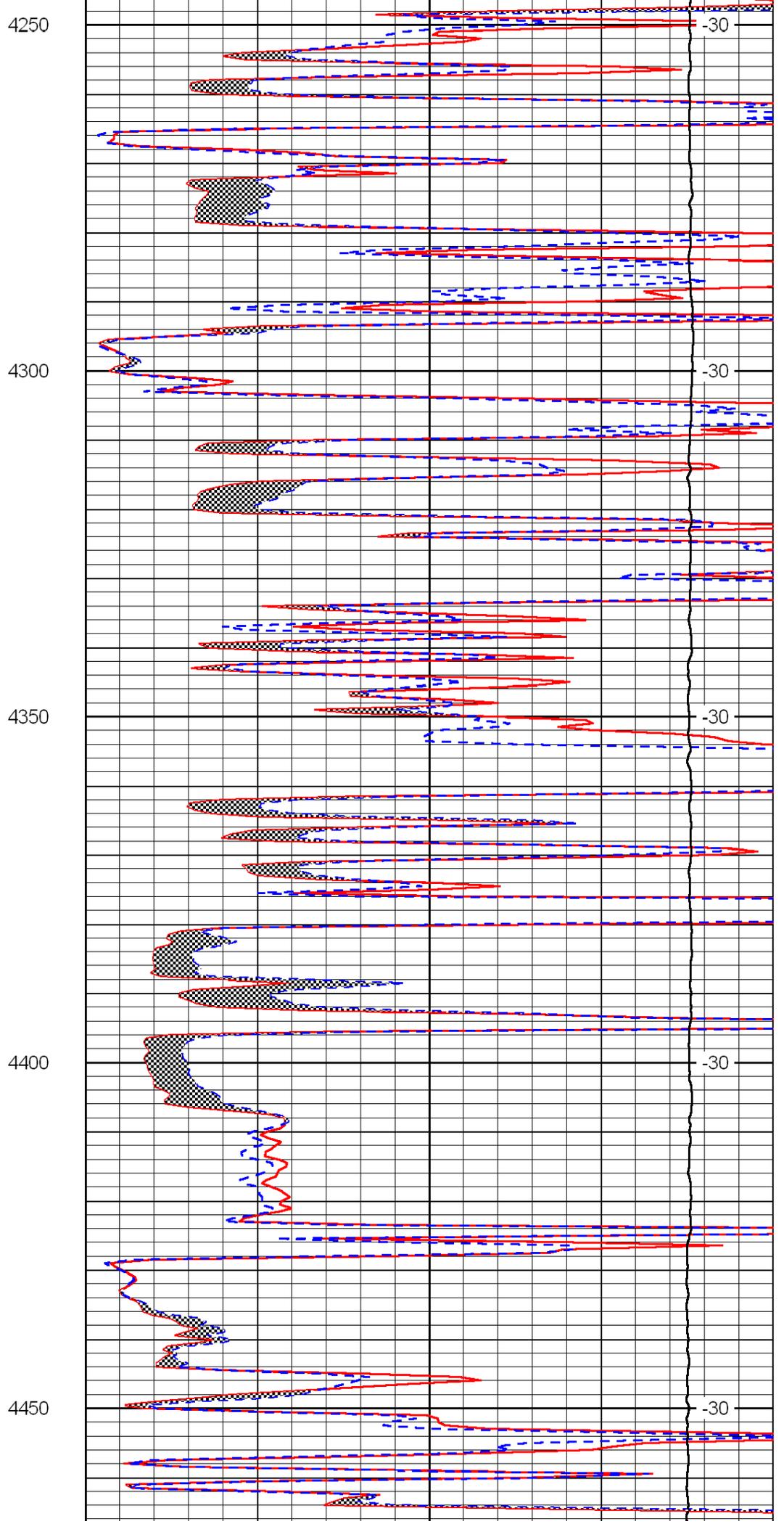
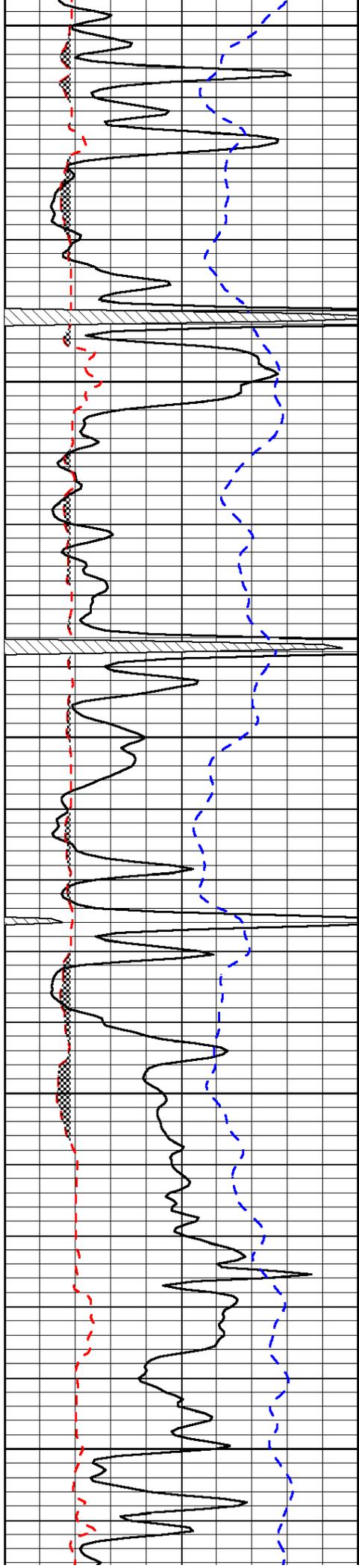


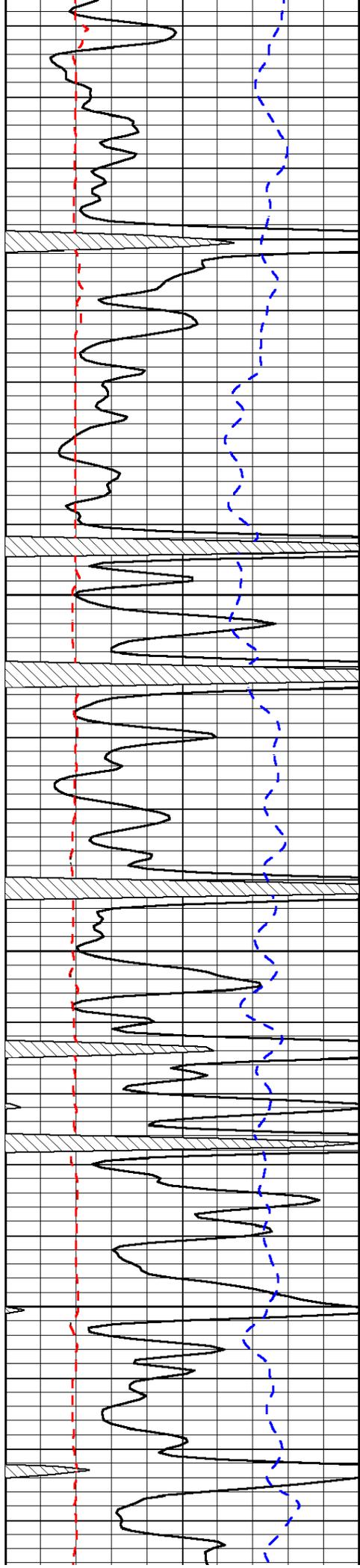
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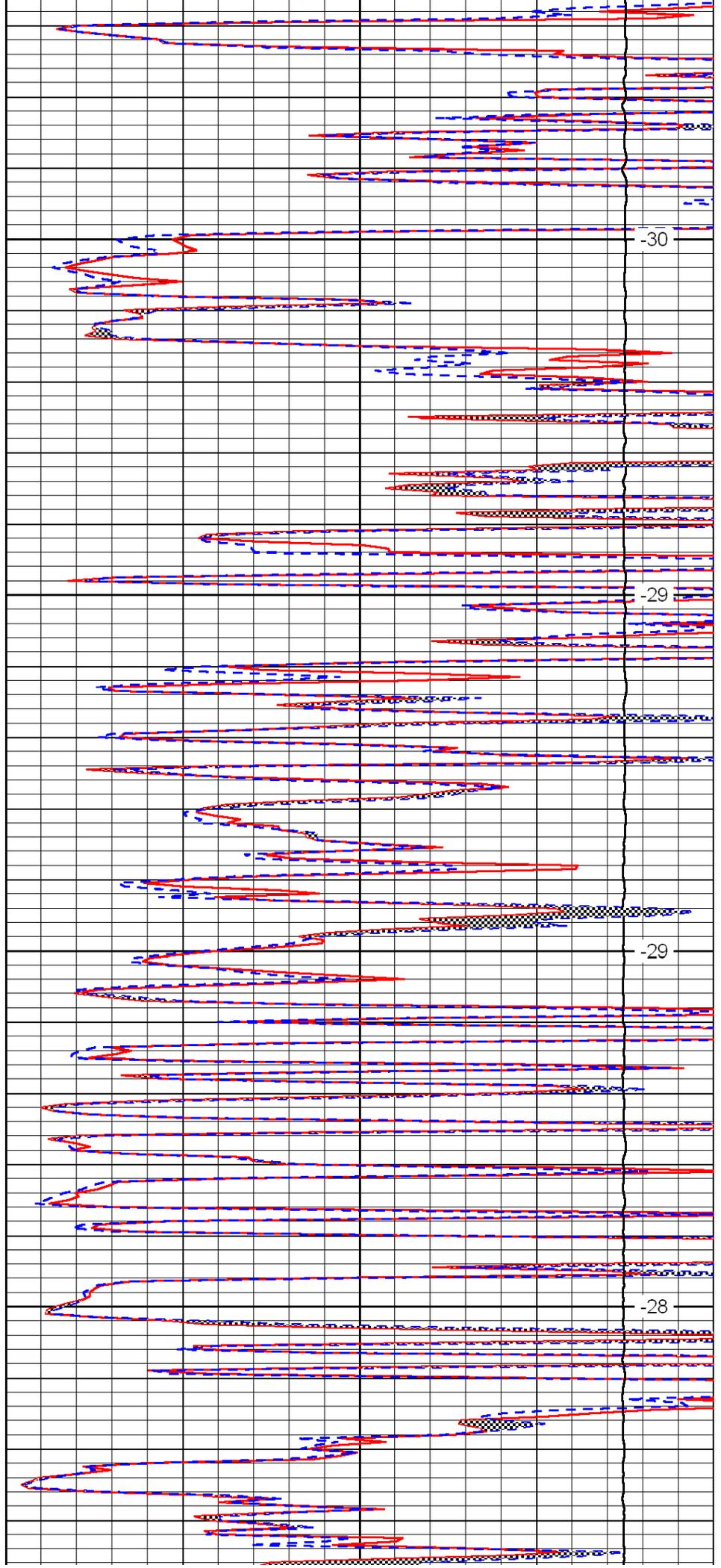


4500

4550

4600

4650

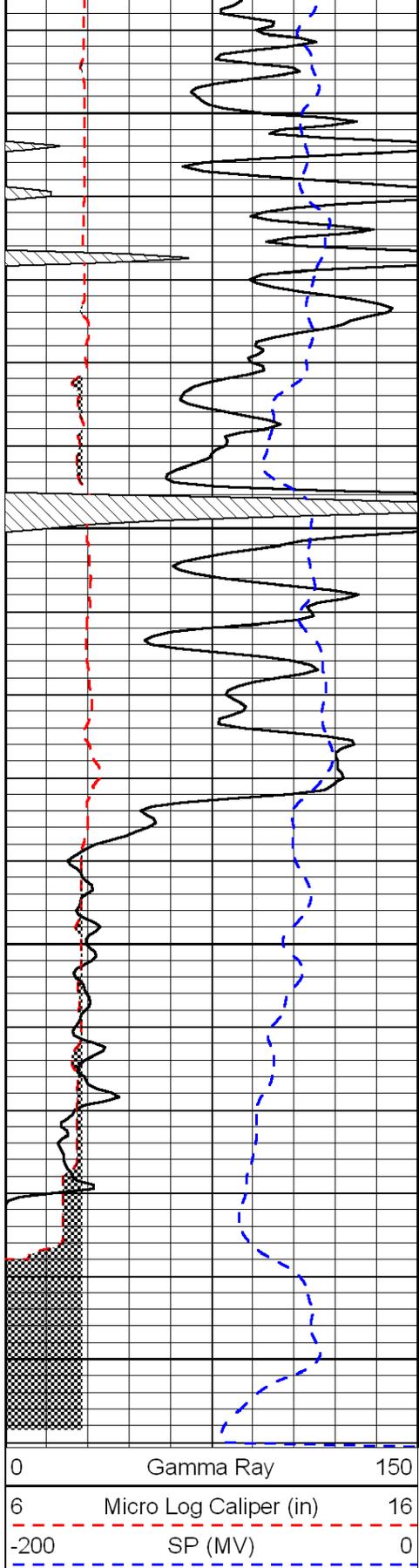


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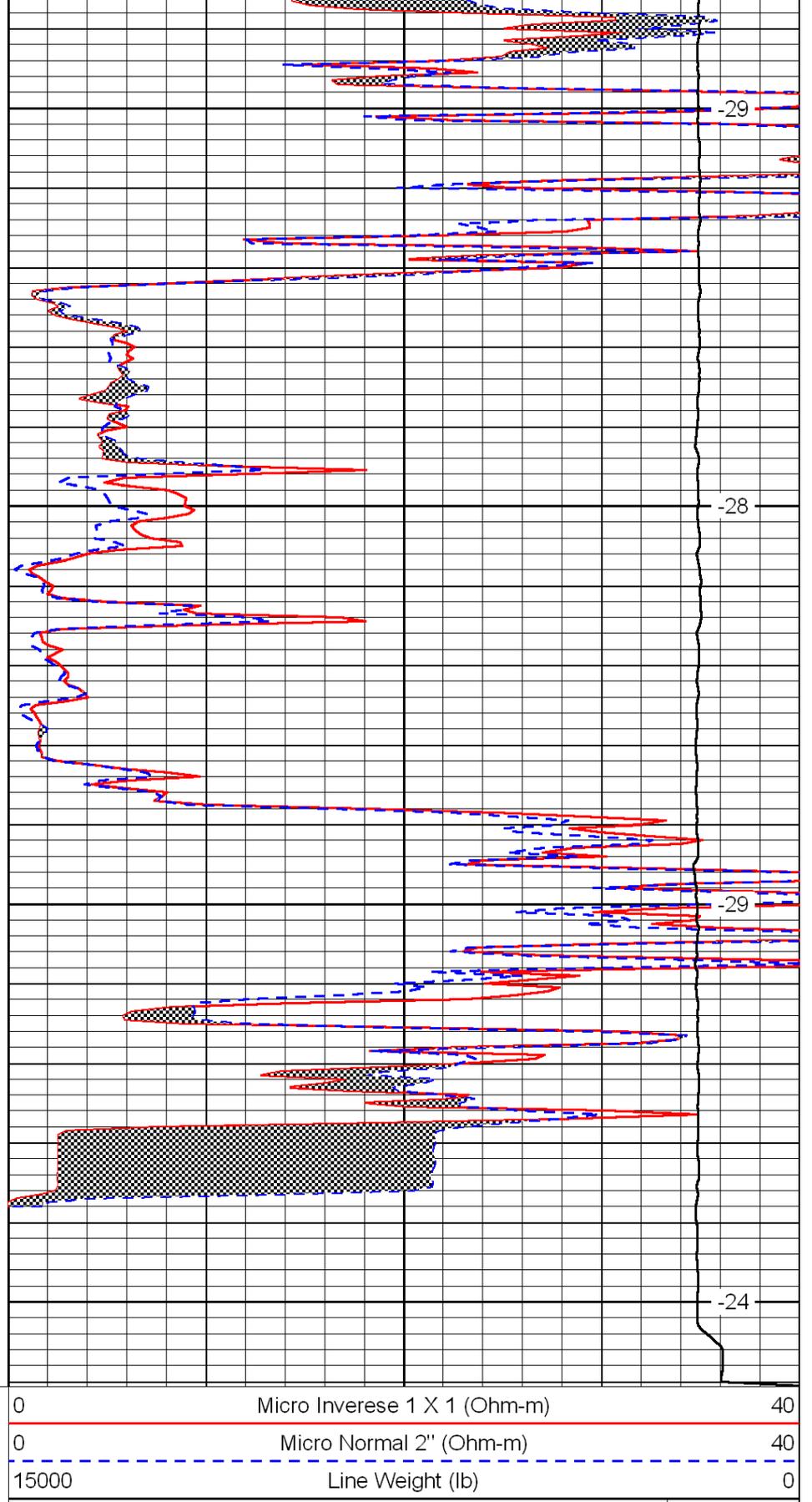


4700

4750

4800

4850



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LSPD
(ft/min)