



Pioneer Energy Services

Microresistivity Log

API No.	Company Val Energy, Inc.				
	Well 1877 Farms LLC #1-10				
	Field Wildcat				
	County Barber	State	Kansas		
15-007-24104-00-00	Location	S2 NW NW NW 405' FNL / 330' FWL		Other Services CNL / CDL DIL	
	Sec: 10	Twp: 33S	Rge: 12W	Elevation	
Permanent Datum	Ground Level	Elevation 1495		K.B. 1505	
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum		D.F. 1495	
Drilling Measured From	Kelly Bushing			G.L. 1495	
Date	11/8/2013				
Run Number	One				
Depth Driller	4850				
Depth Logger	4860				
Bottom Logged Interval	4859				
Top Log Interval	3000				
Casing Driller	8.625 @ 223				
Casing Logger	220				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity,ppm CL	7000				
Density / Viscosity	9.2 46				
pH / Fluid Loss	9.5 7.2				
Source of Sample	Flowline				
Rm @ Meas. Temp	0.26 @ 52				
Rmf @ Meas. Temp	0.20 @ 52				
Rmc @ Meas. Temp	0.35 @ 52				
Source of Rmf / Rmc	Charts				
Rm @ BHT	0.11 @ 125				
Operating Rig Time	4 Hours				
Max Rec. Temp. F	125				
Equipment Number	17				
Location	Hays				
Recorded By	R. Barnhart				
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.

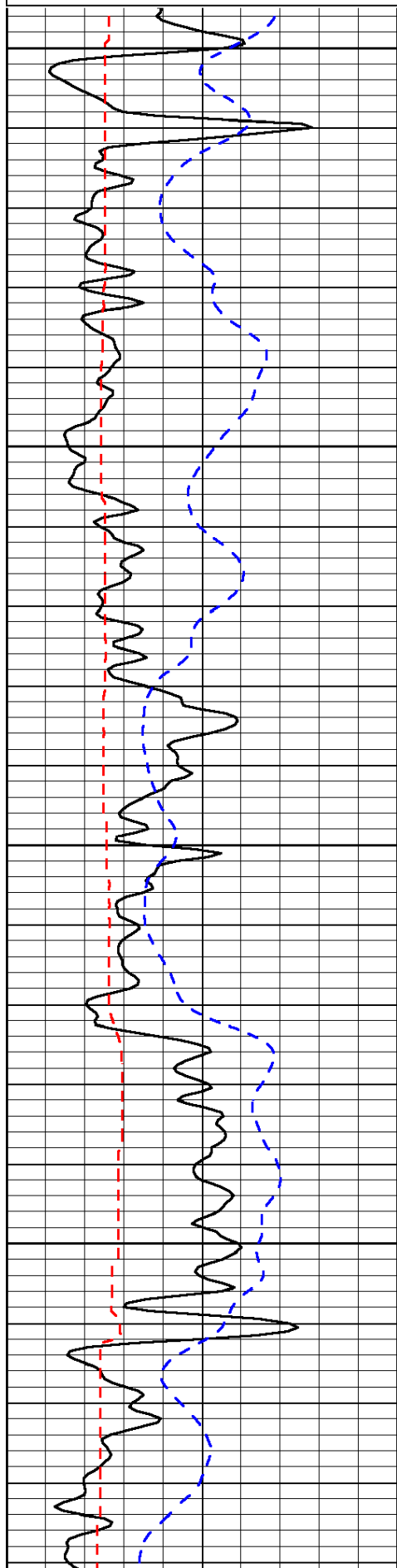
Comments

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

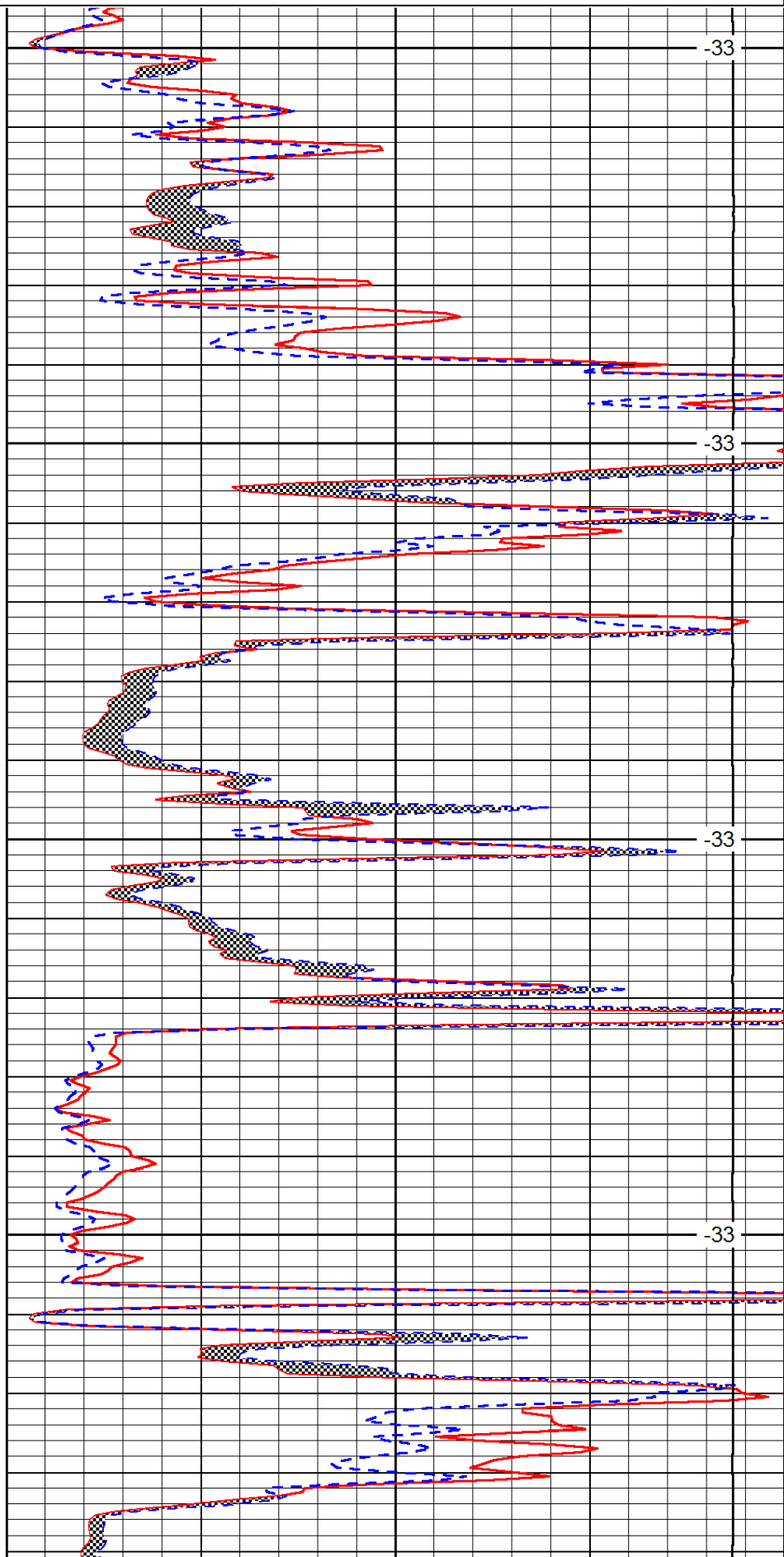
Medicine Lodge, KS:
8S to Sumac Rd., 2W, S into

Database File: c:\warrior\data\val_1877 farms llc #1-10\val_hd.db
Dataset Pathname: dil\valmain
Presentation Format: micro
Dataset Creation: Fri Nov 08 12:35:40 2013
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

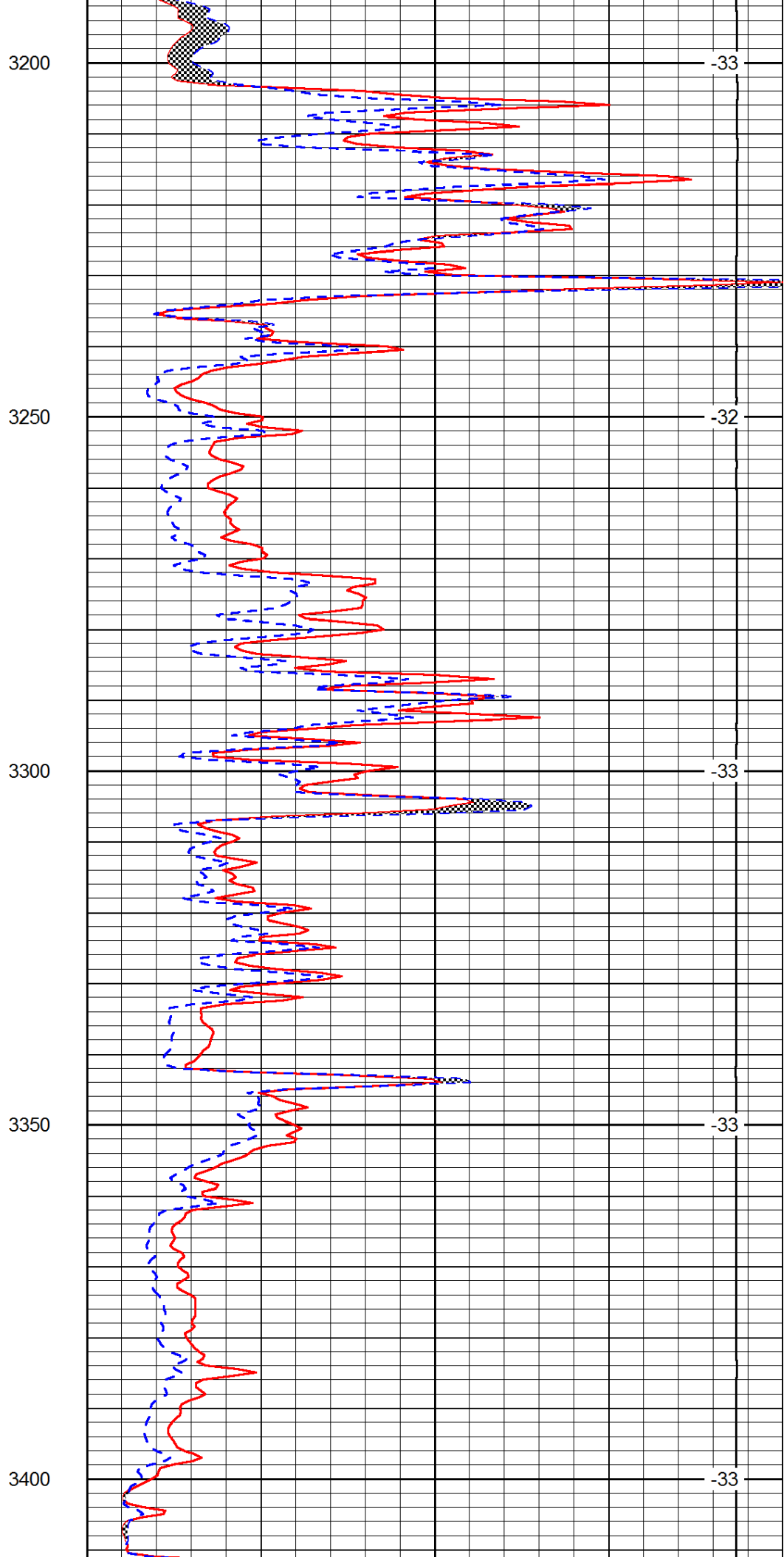
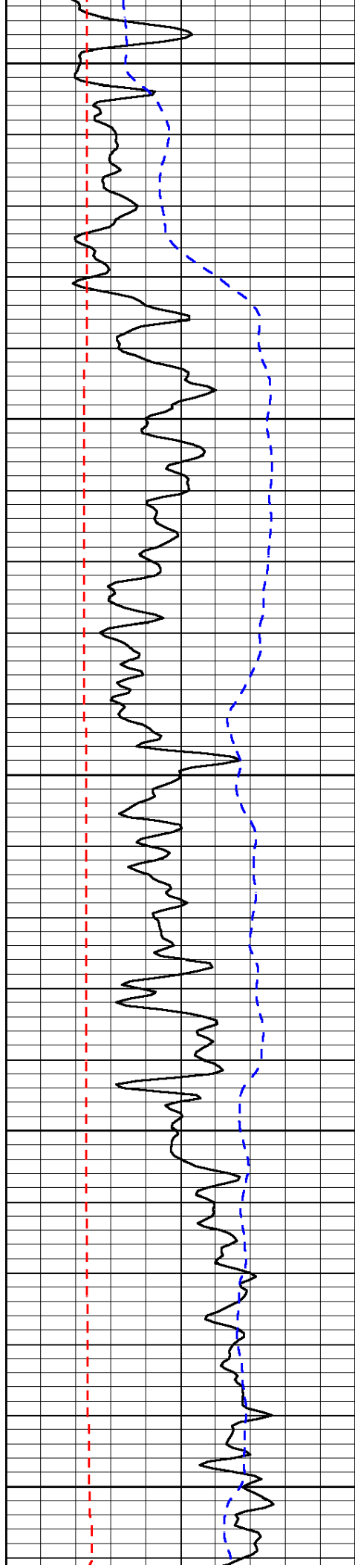


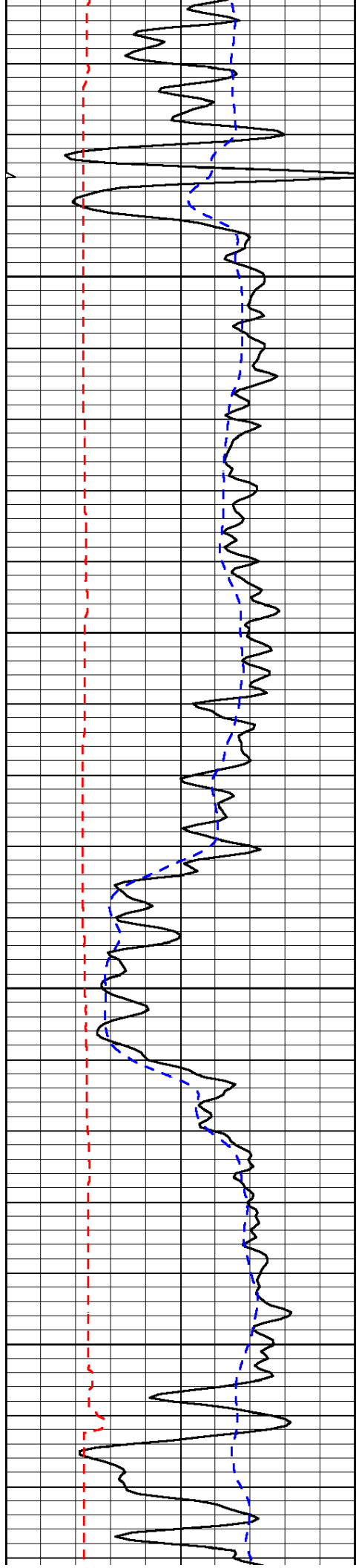
3000
3050
3100
3150



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

LSPD



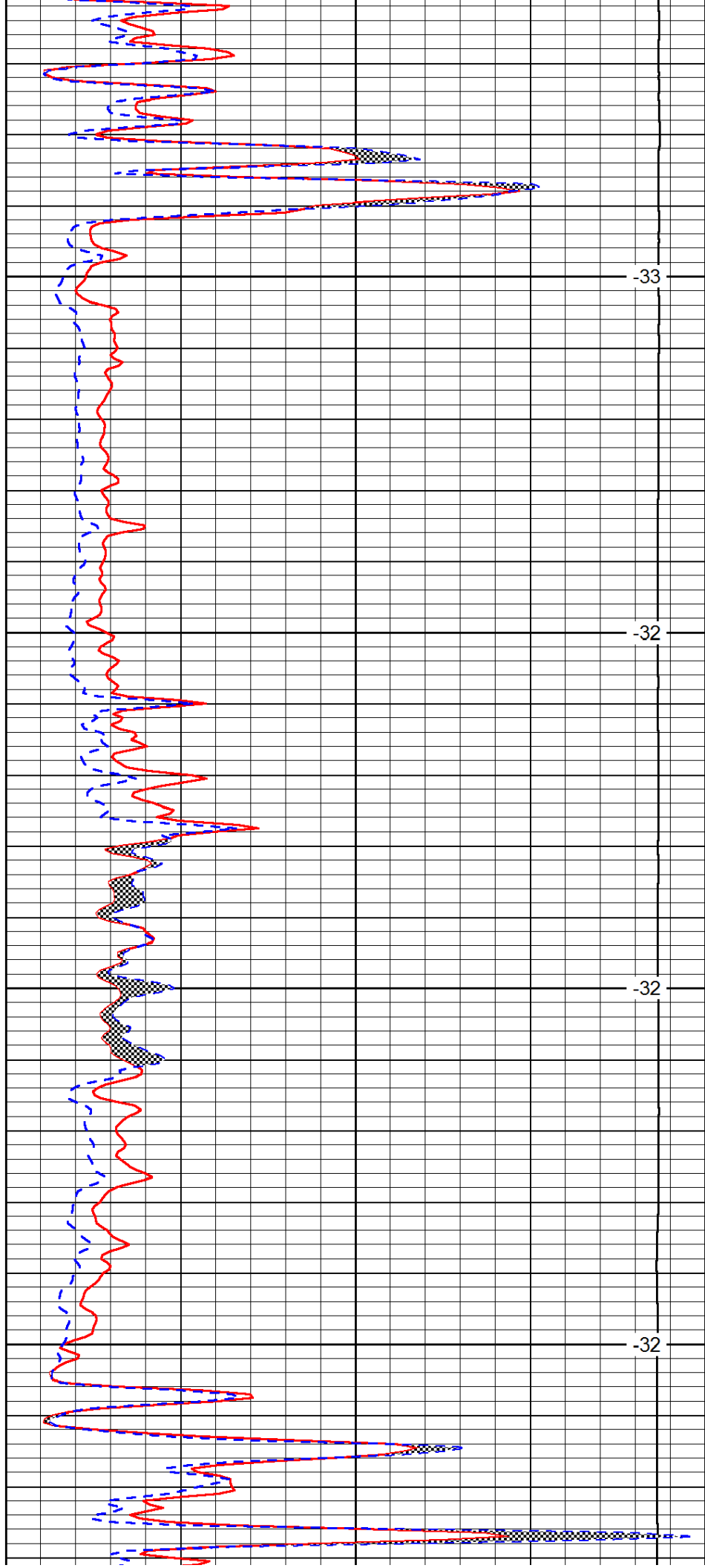


3450

3500

3550

3600

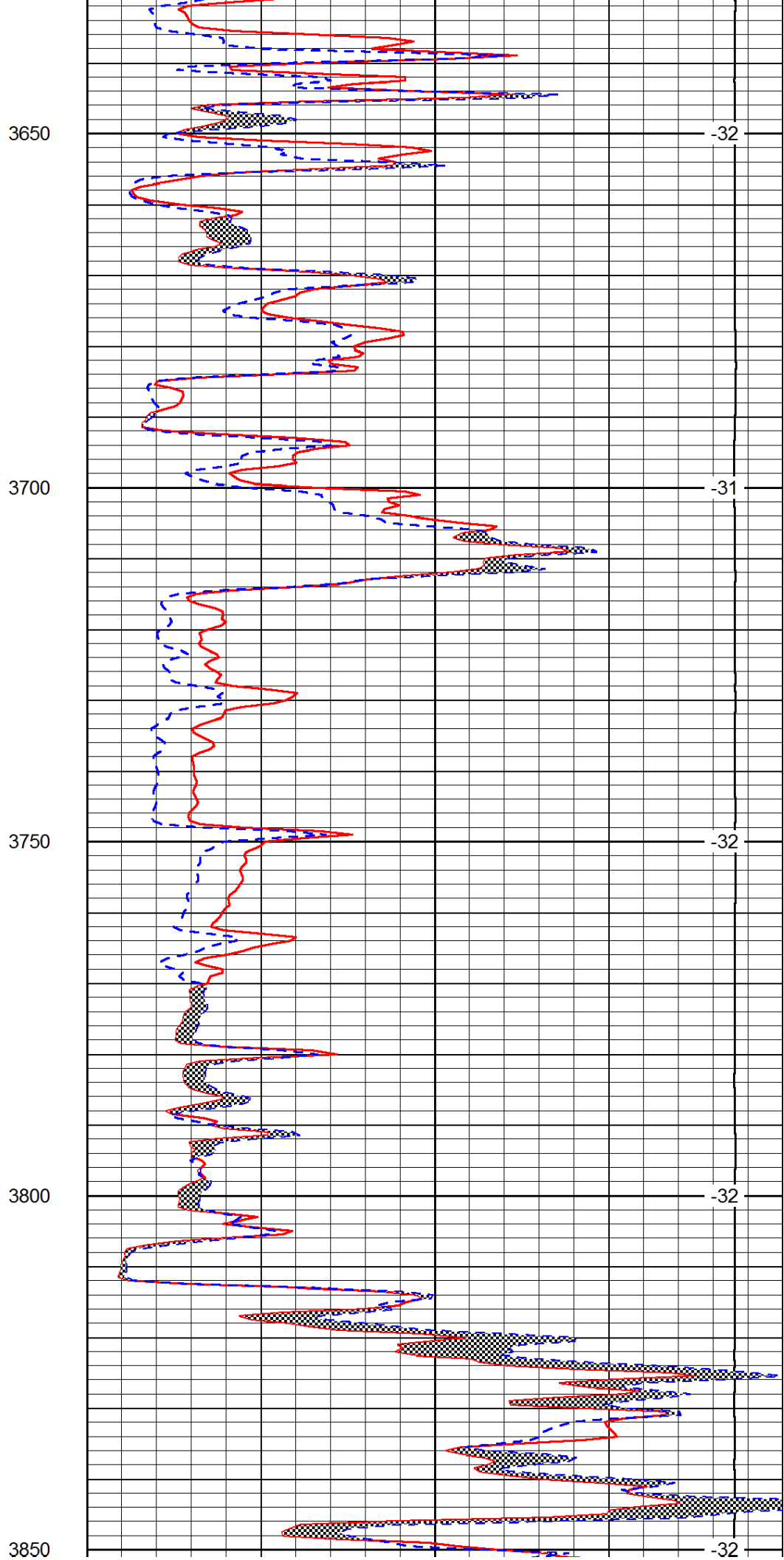
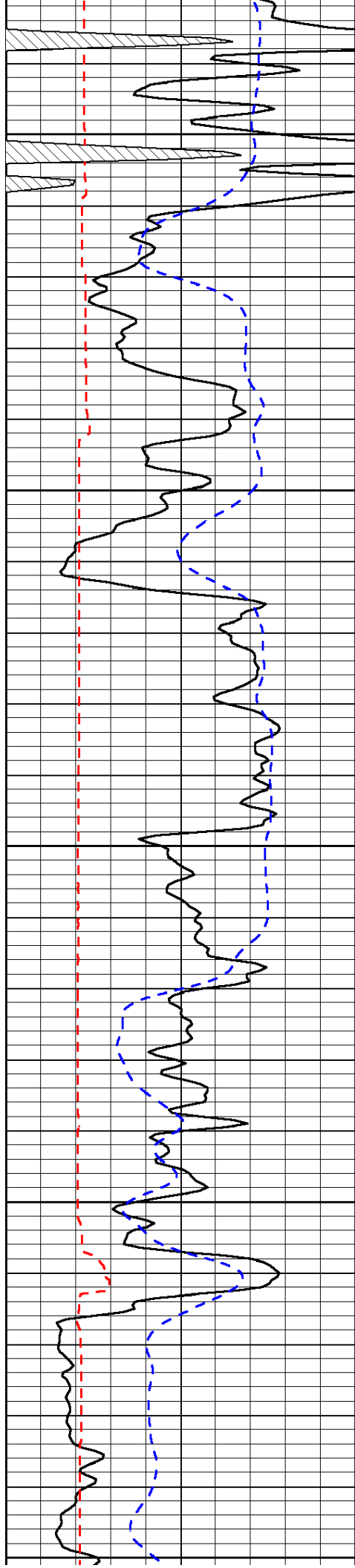


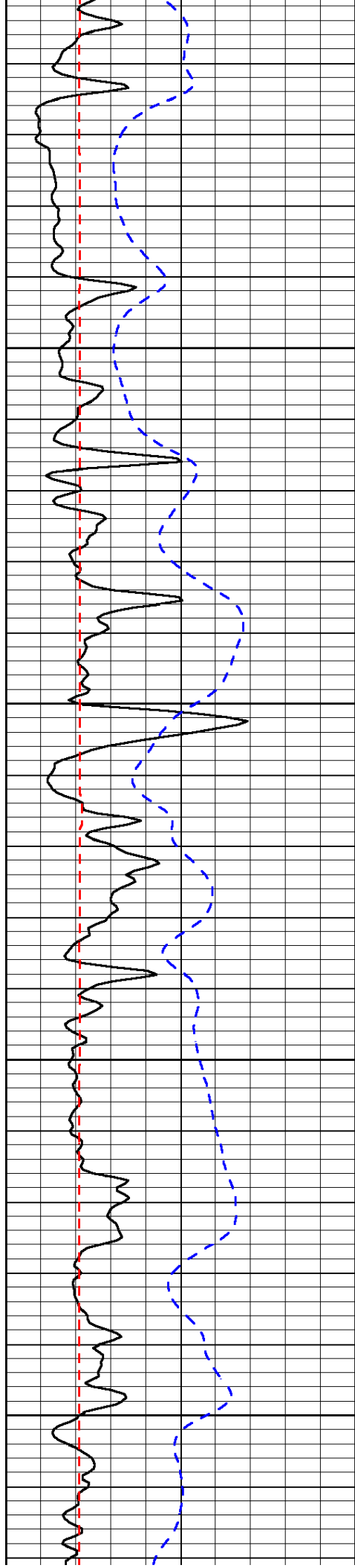
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-32

-32

-32



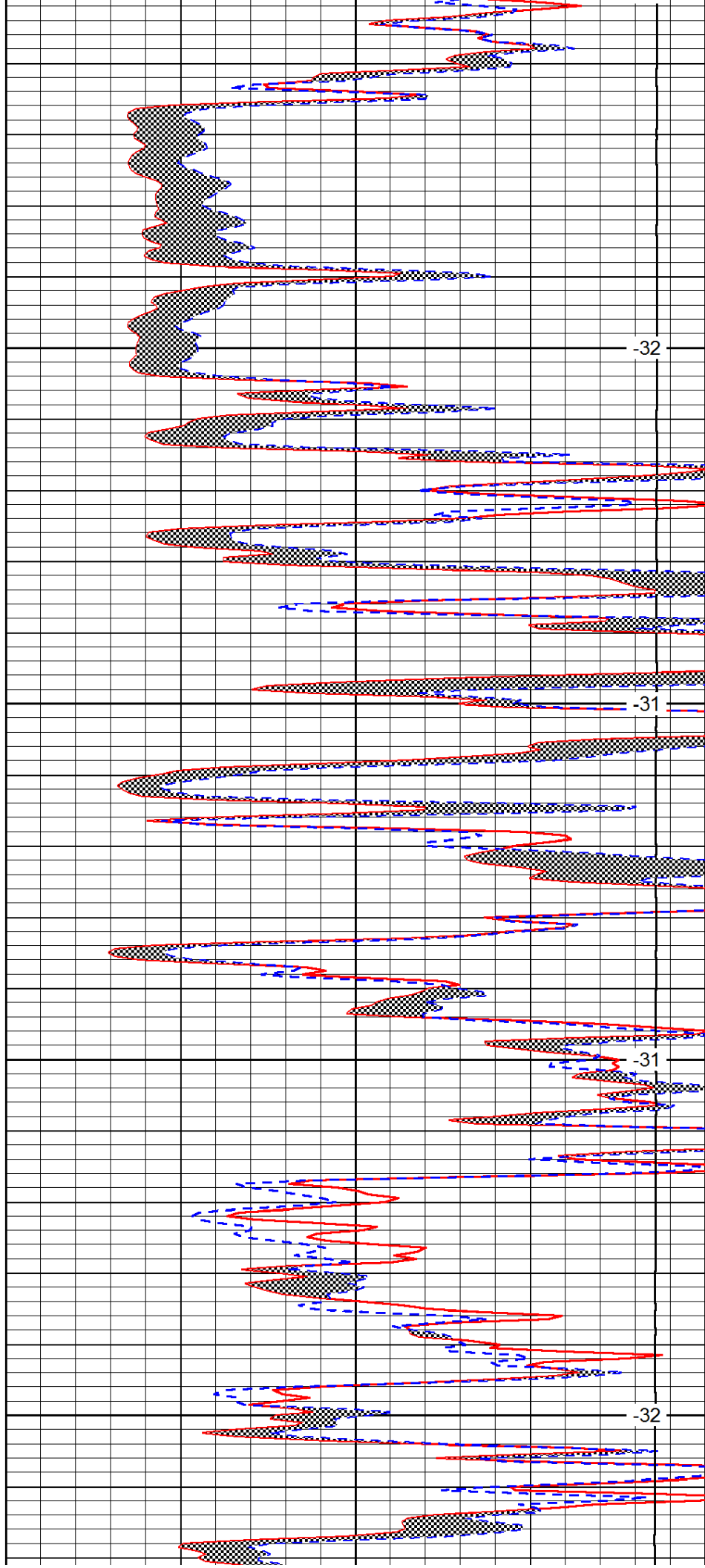


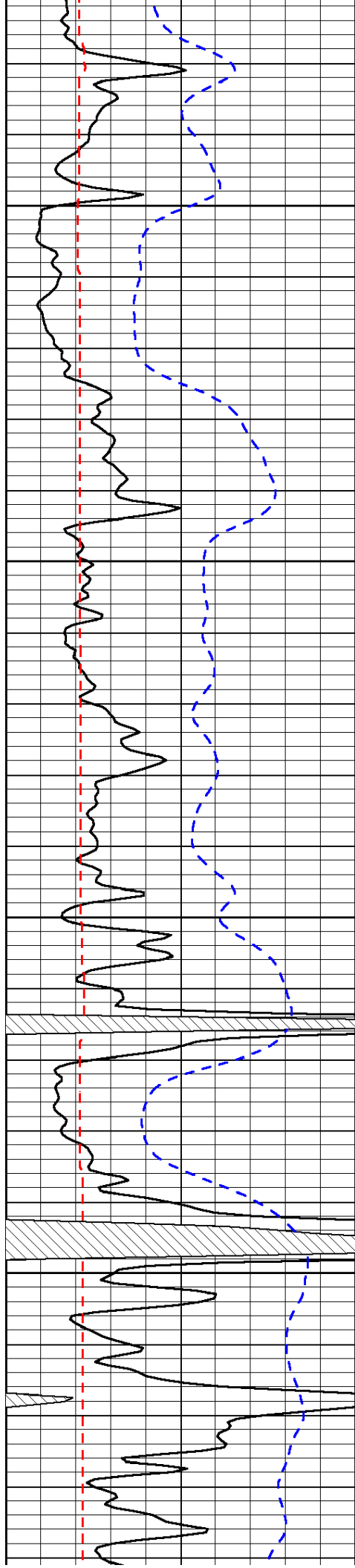
3900

3950

4000

4050



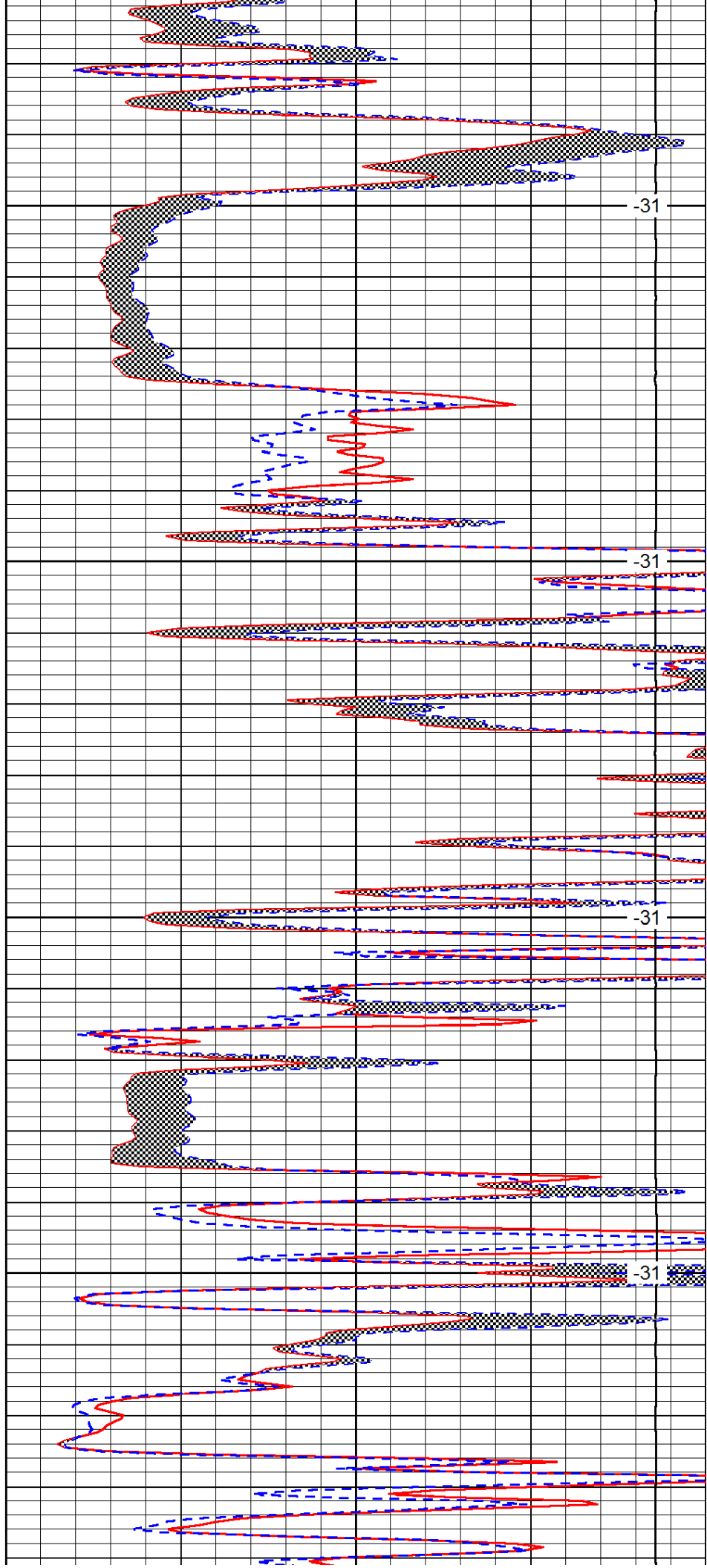


4100

4150

4200

4250

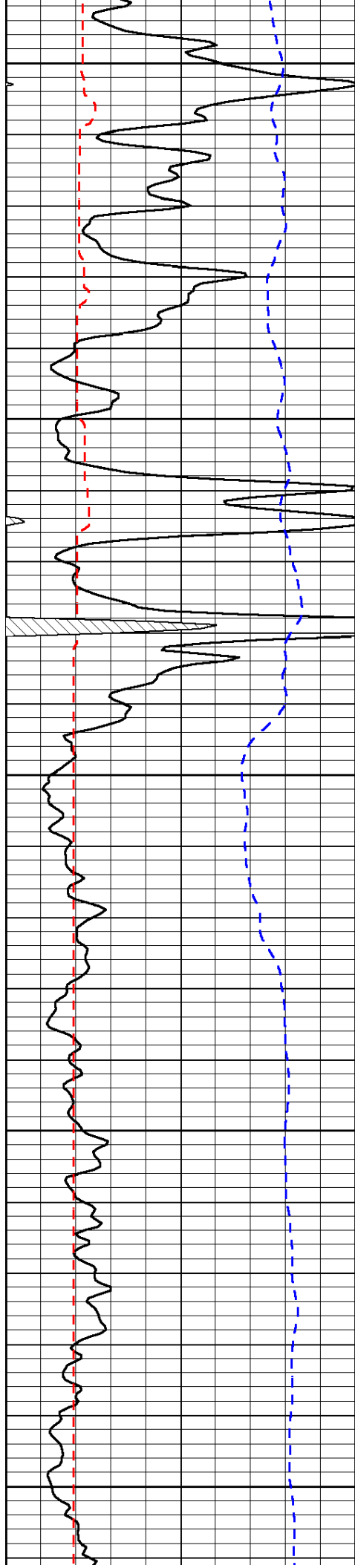


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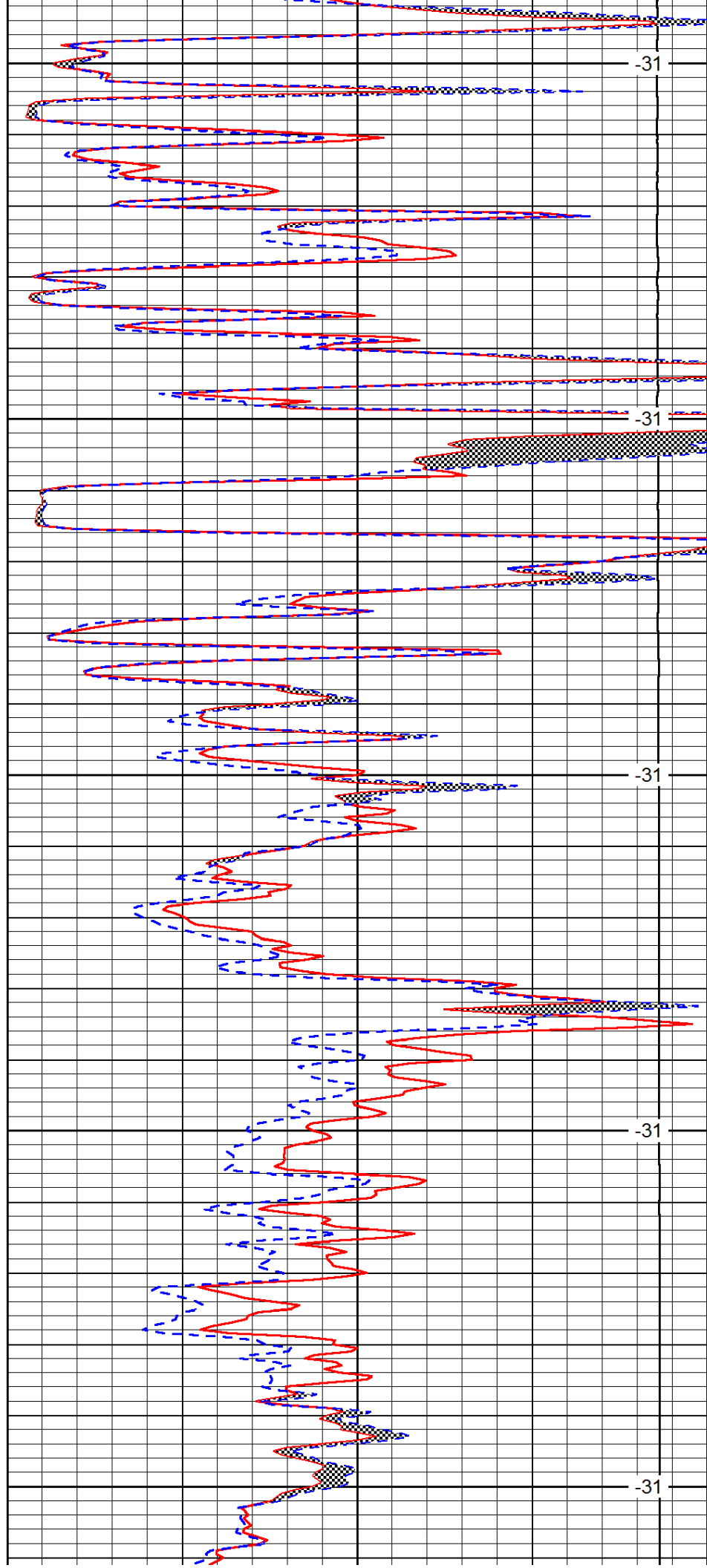
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4350

4400

4450

4500



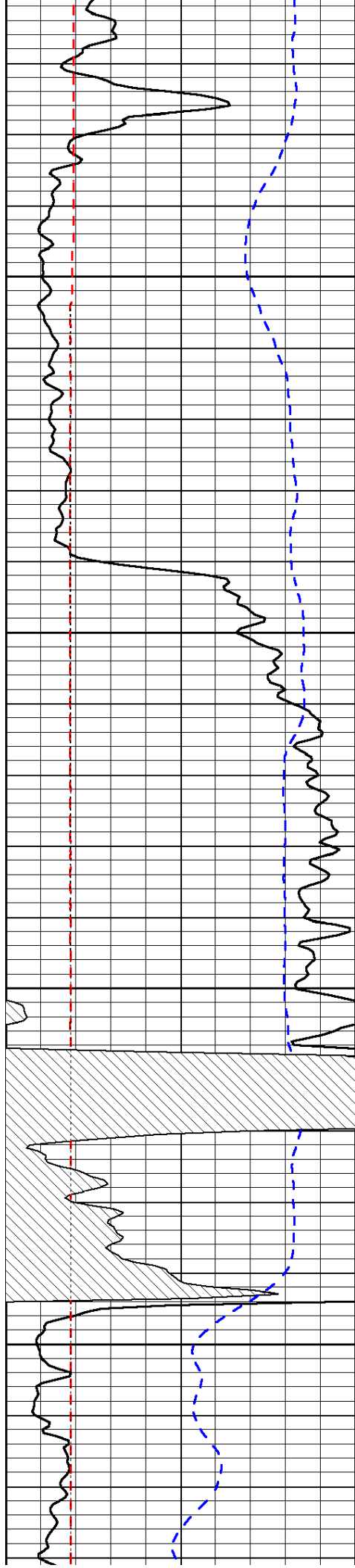
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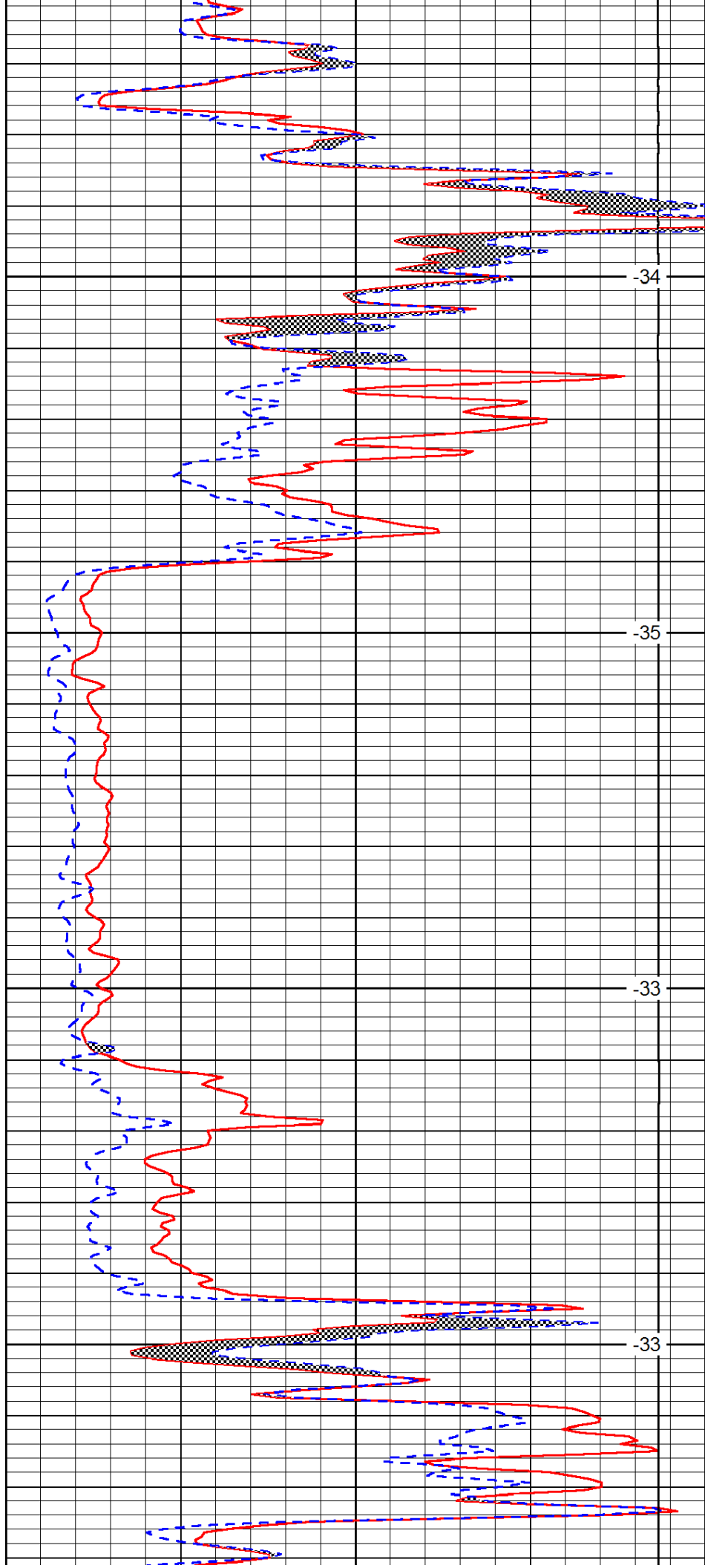


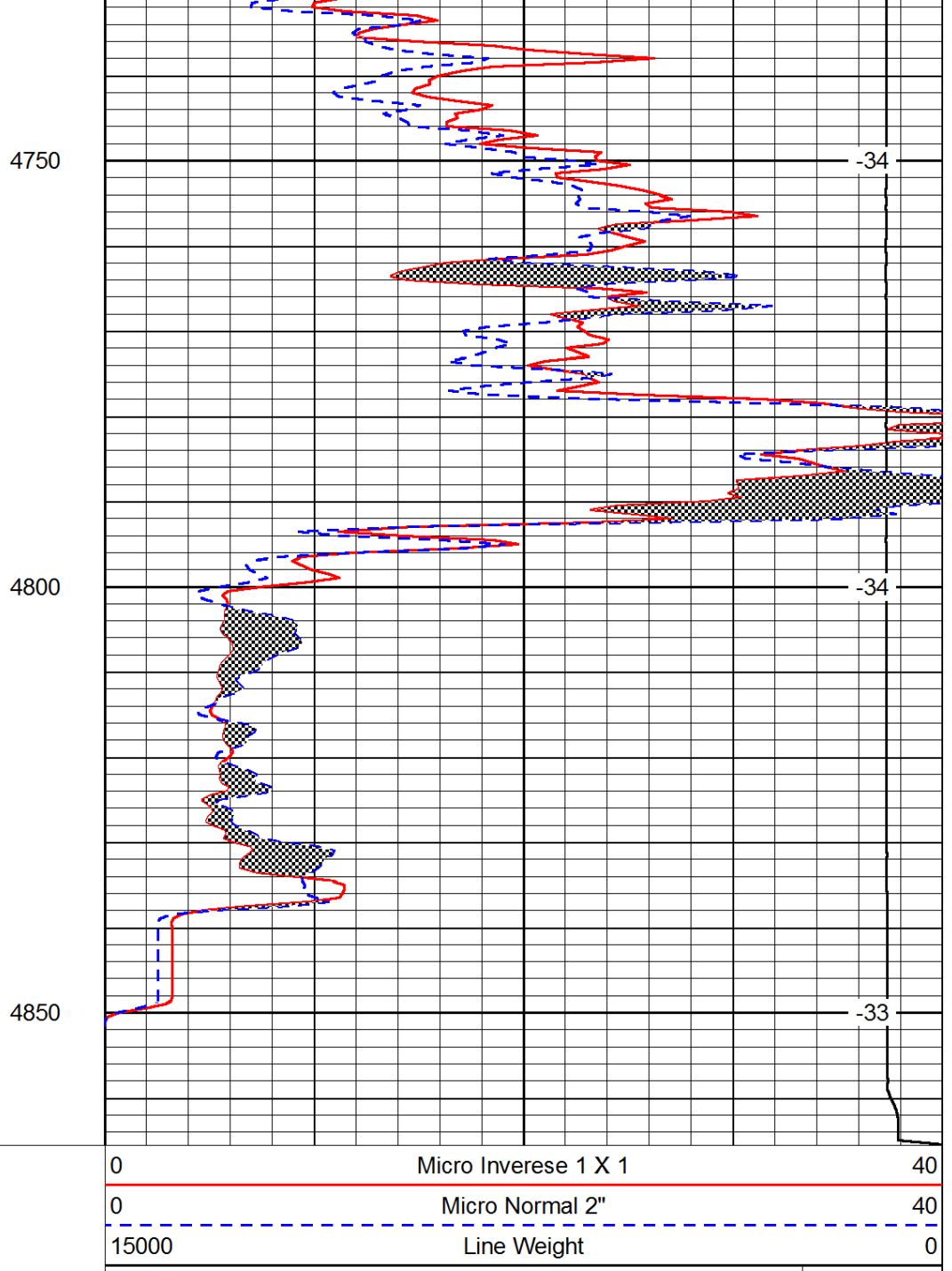
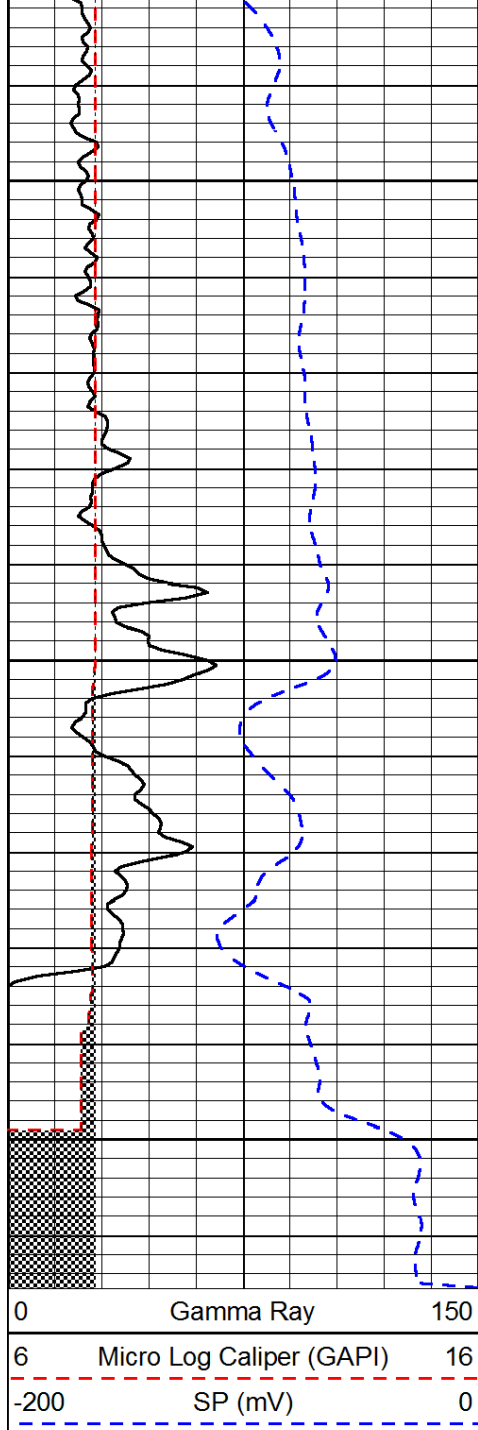
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4600

4650

4700





LSPD