



Pioneer Energy Services

Microresistivity Log

15-023-21370-00-00

API No.	Company Berexco, LLC				
	Well Mears A #3-9				
	Field Jones Canyon Southeast				
	County	Cheyenne	State	Kansas	
15-023-21370-00-00	Location	780' FSL & 640' FEL			Other Services RAG
	Sec: 9	Twp: 1 S	Rge: 37 W	Elevation K.B. 3263 D.F. 3252 G.L. 3252	
Permanent Datum	Ground Level	Elevation 3252			
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum			
Drilling Measured From	Kelly Bushing				
Date	4/2/2014				
Run Number	Two				
Depth Driller	4760				
Depth Logger	4759				
Bottom Logged Interval	4758				
Top Log Interval	3500				
Casing Driller	8.625 @ 314				
Casing Logger	313				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity,ppm CL	700				
Density / Viscosity	9.0	77			
pH / Fluid Loss	10.0	6.4			
Source of Sample	Flowline				
Rm @ Meas. Temp	1.00 @ 40				
Rmf @ Meas. Temp	0.75 @ 40				
Rmc @ Meas. Temp	1.35 @ 40				
Source of Rmf / Rmc	Charts				
Rm @ BHT	0.32 @ 124				
Operating Rig Time	5 Hours				
Max Rec. Temp. F	124				
Equipment Number	17				
Location	Hays				
Recorded By	Y. Ruiz				
Witnessed By	Bryan Bynog				

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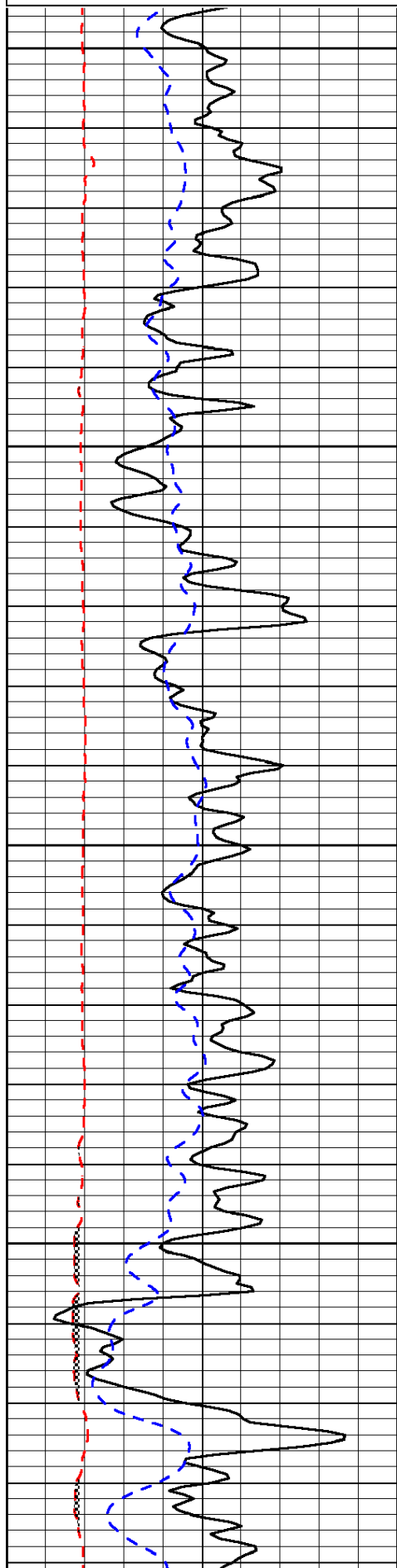
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
Bird City,
North to 702 Rd, East to 30 Rd, 2 South, 1 North, 1 West,
South into

Database File: c:\warrior\data\berexco_mears a no. 3-9\berhd.db
Dataset Pathname: Rag/berrag
Presentation Format: micro
Dataset Creation: Wed Apr 02 08:41:30 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



3500

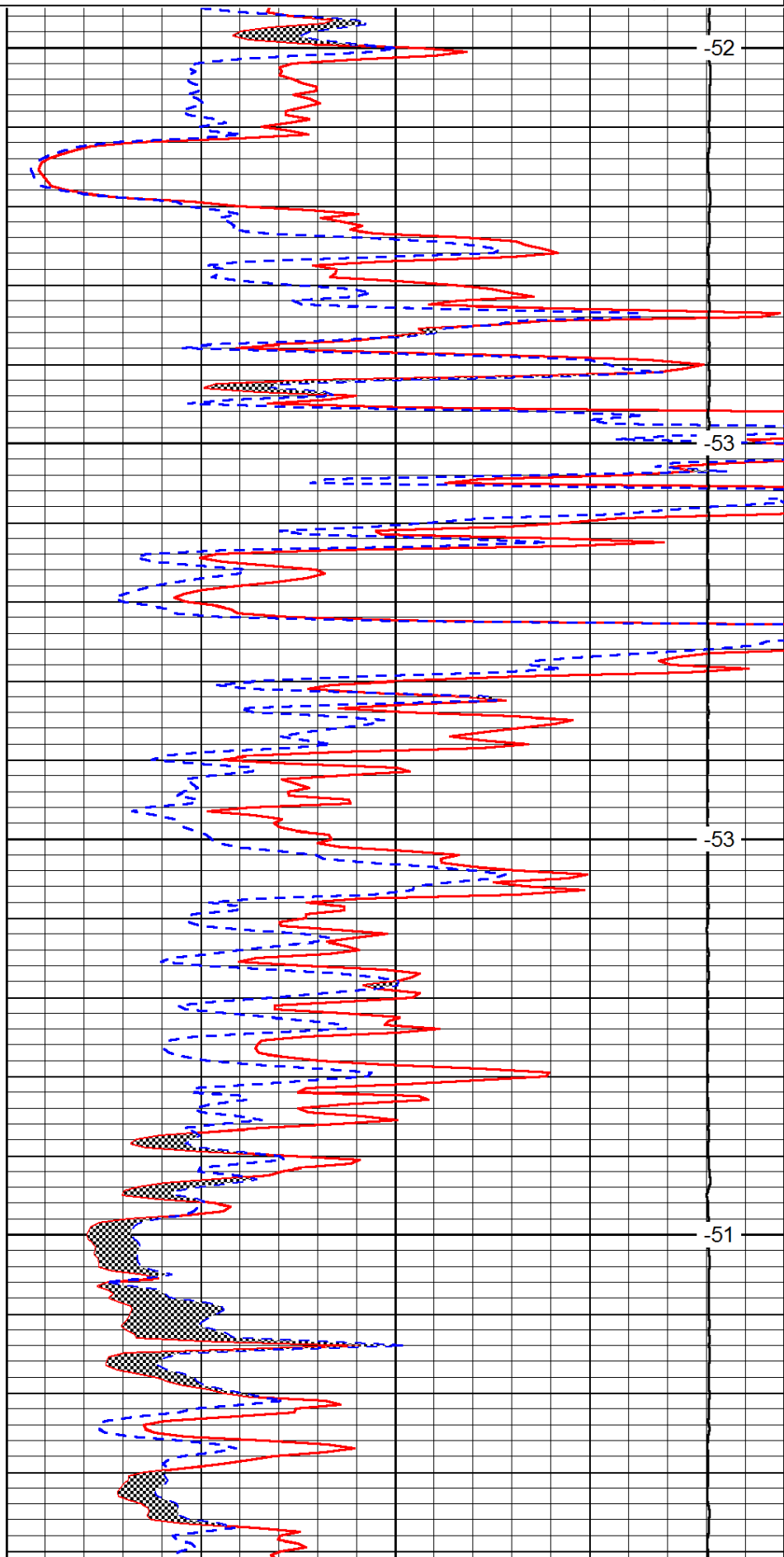
3550

3600

3650

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

LSPD

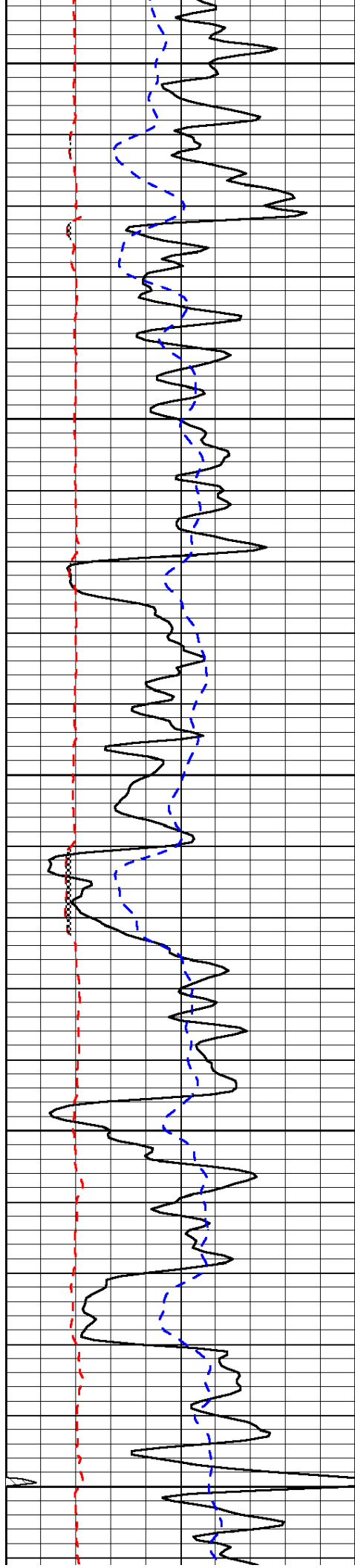


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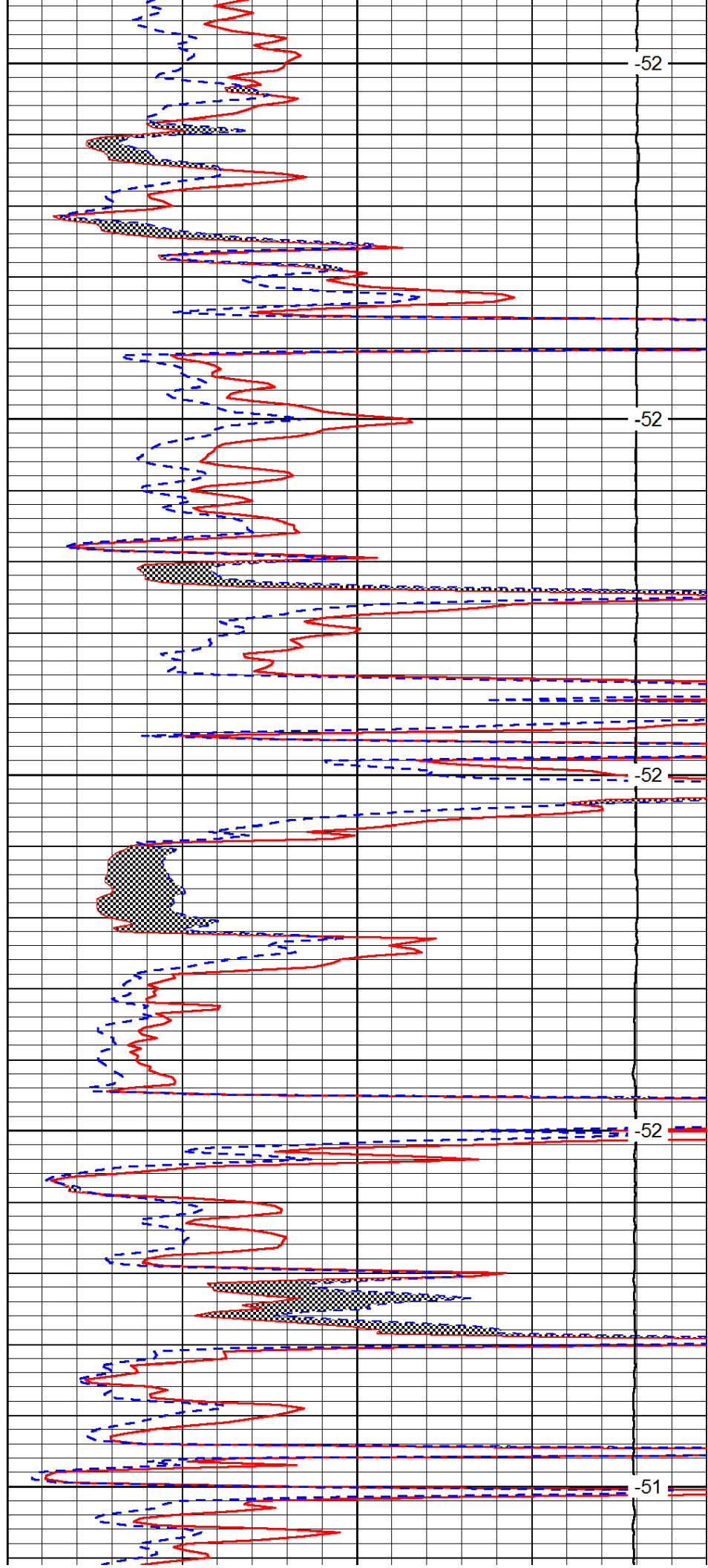
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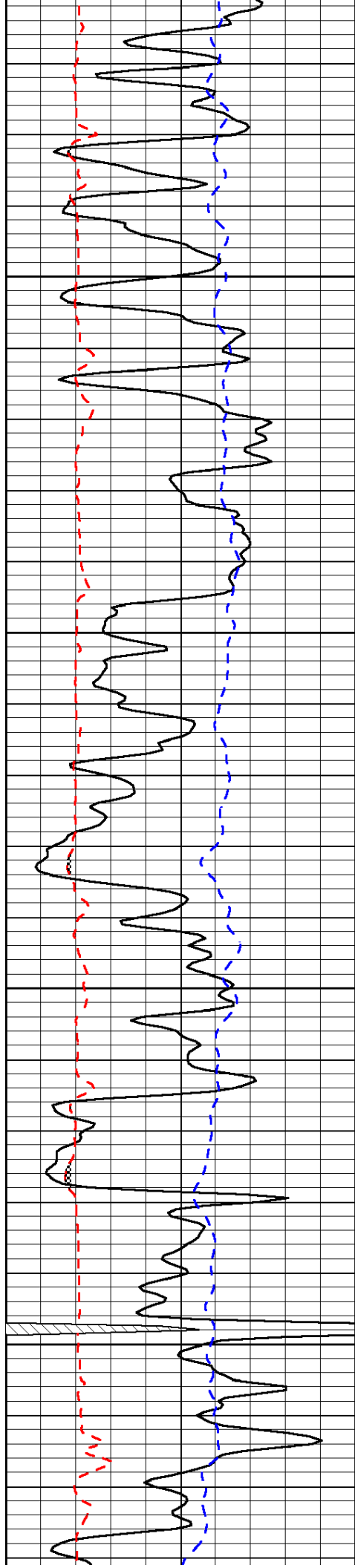
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3850

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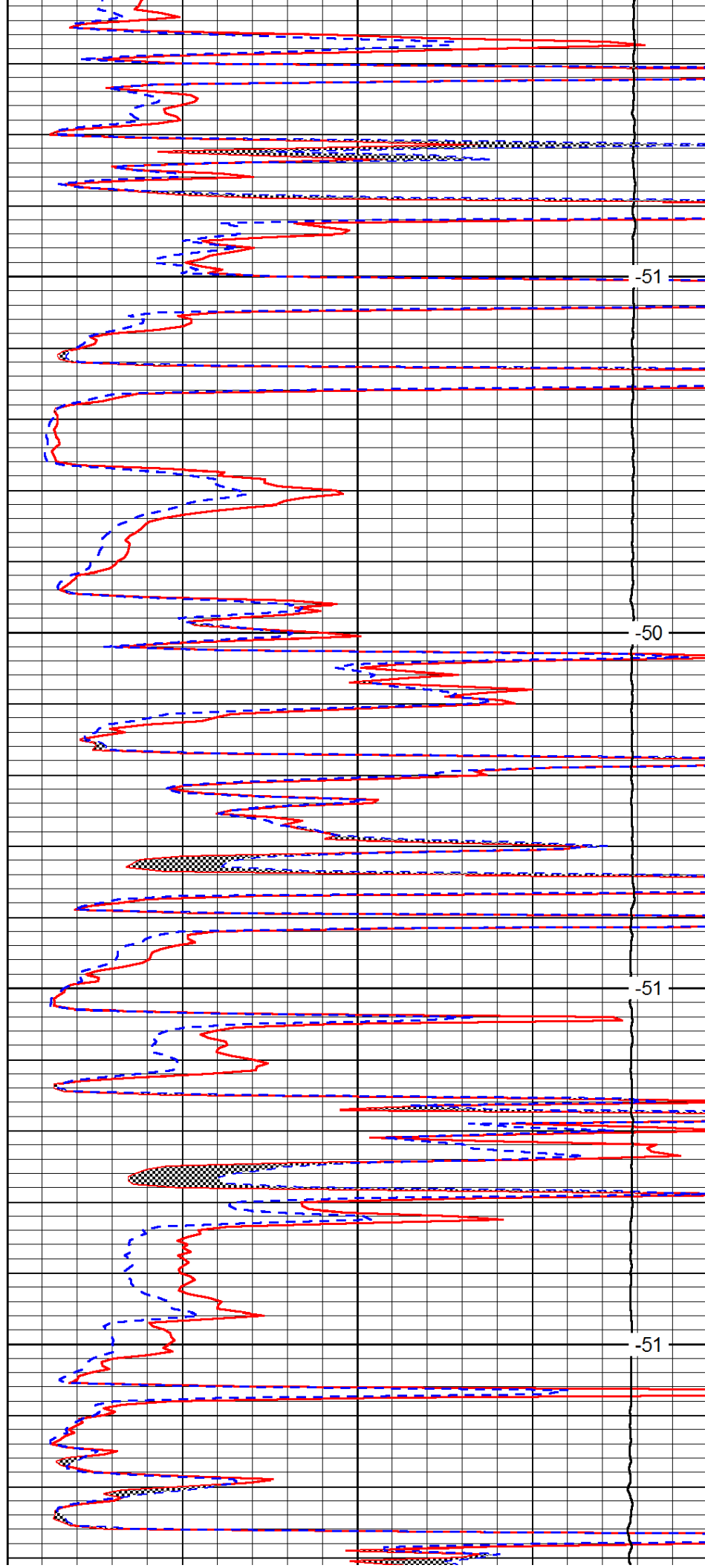


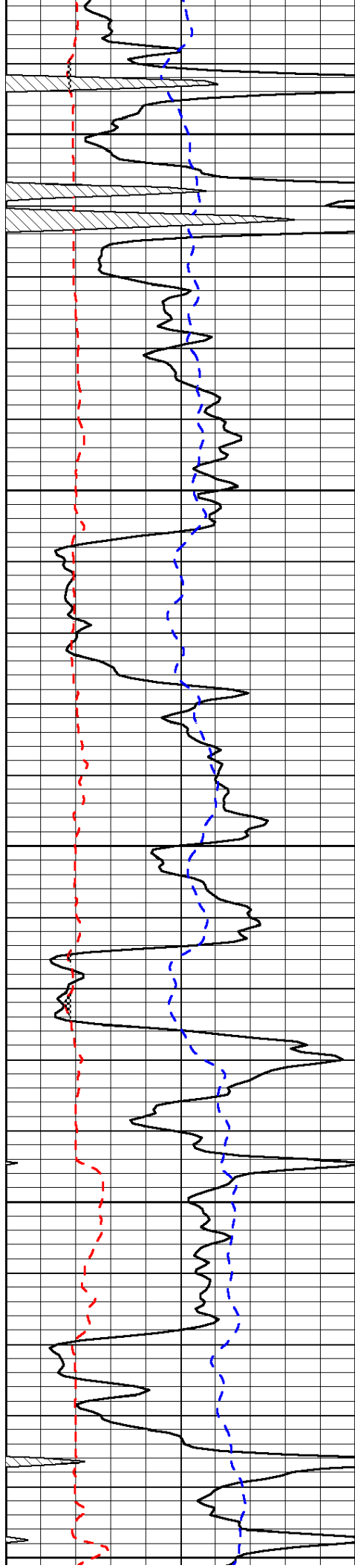
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4050

4100





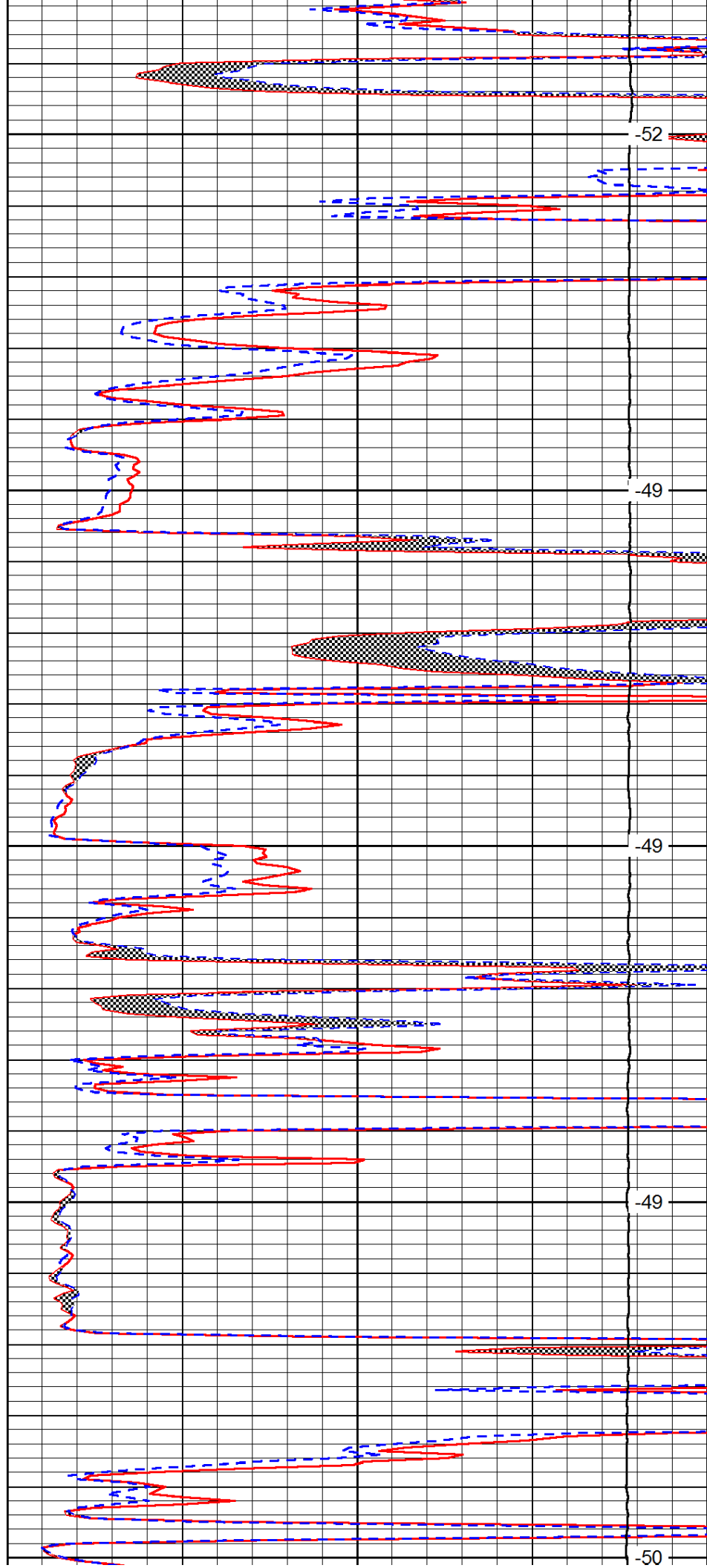
4150

4200

4250

4300

4350



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