



PIONEER

Pioneer Energy Services

Microresistivity Log

API No.	Company Berexco, LLC				
	Well Theresa #1-27				
	Field East Fork				
	County Rawlins	State	Kansas		
15-153-21121-00-00	Location	330' FNL & 2280' FWL		Other Services RAG/DIL	
	Sec: 27	Twp: 1S	Rge: 36W	Elevation	
Permanent Datum	Ground Level	Elevation 3122		K.B. 3133	
Log Measured From	Kelly Bushing	11	Ft. Above Perm. Datum	D.F. 3122	
Drilling Measured From	Kelly Bushing	G.L. 3122			
Date	3/24/2015				
Run Number	Two				
Depth Driller	4400				
Depth Logger	4402				
Bottom Logged Interval	4401				
Top Log Interval	3500				
Casing Driller	8.625 @ 300				
Casing Logger	304				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	1000				
Density / Viscosity	9.5	53			
pH / Fluid Loss	9.5	7.2			
Source of Sample	Flowline				
Rm @ Meas. Temp	1.20 @ 52				
Rmf @ Meas. Temp	0.90 @ 52				
Rmc @ Meas. Temp	1.62 @ 52				
Source of Rmf / Rmc	Charts				
Rm @ BHT	0.52 @ 120				
Operating Rig Time	4 Hours				
Max Rec. Temp. F	120				
Equipment Number	91				
Location	Hays				
Recorded By	D. Schmidt				
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.

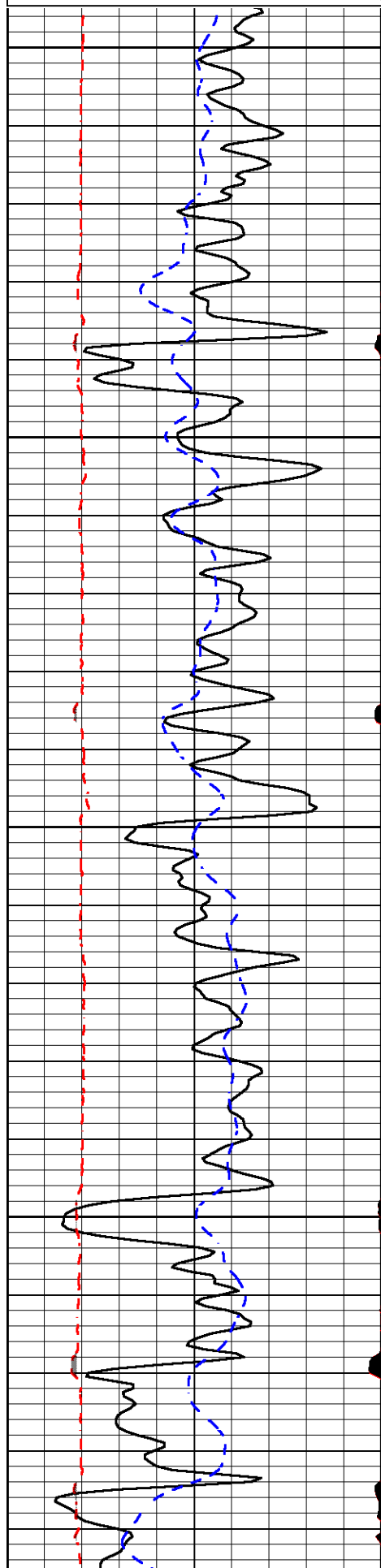
Comments

Thank you for using Pioneer Energy Services
785.625.3858

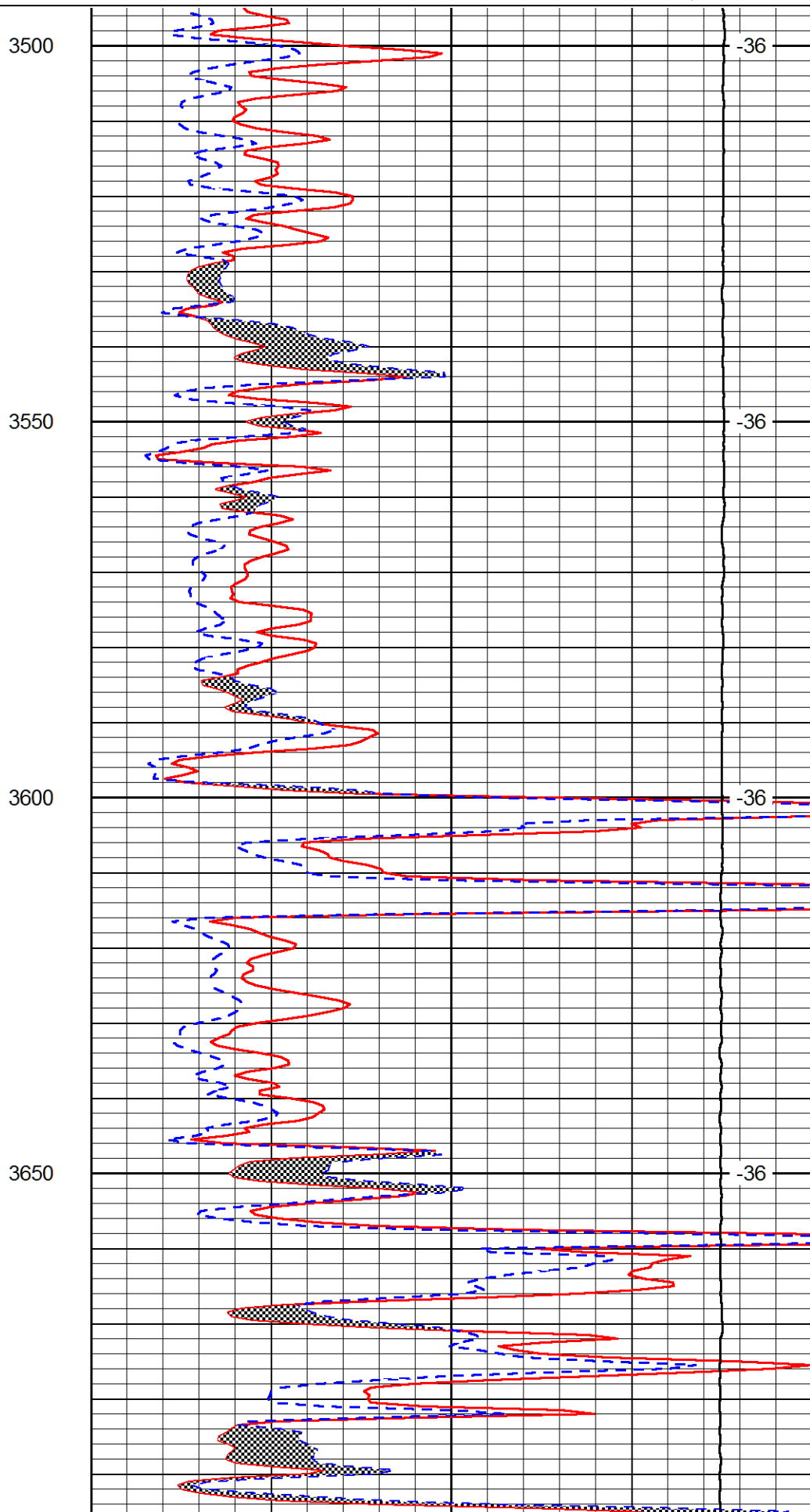
McDonald,
North to Z Rd, 1/2 East,
1 1/2 North to location

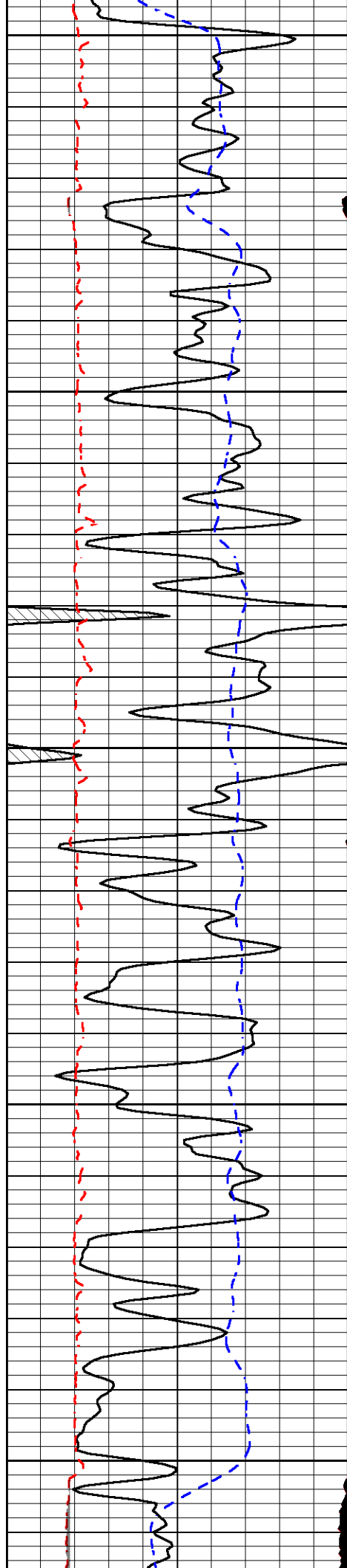
Database File berexco_theresa 1-27hd.db
Dataset Pathname dil/bxrgmdl
Presentation Format micro
Dataset Creation Tue Mar 24 14:34:40 2015
Charted by Depth in Feet scaled 1:240

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



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0
		LSPD





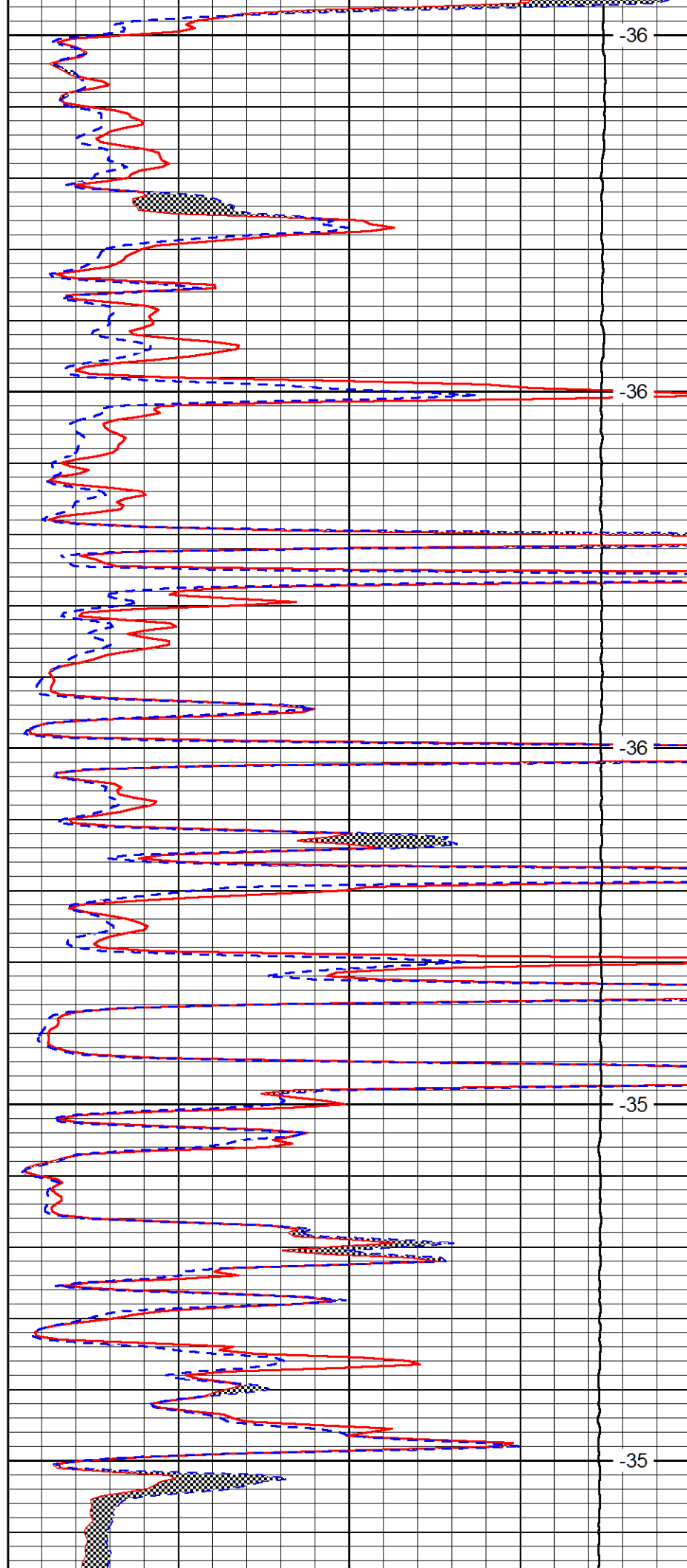
3700

3750

3800

3850

3900



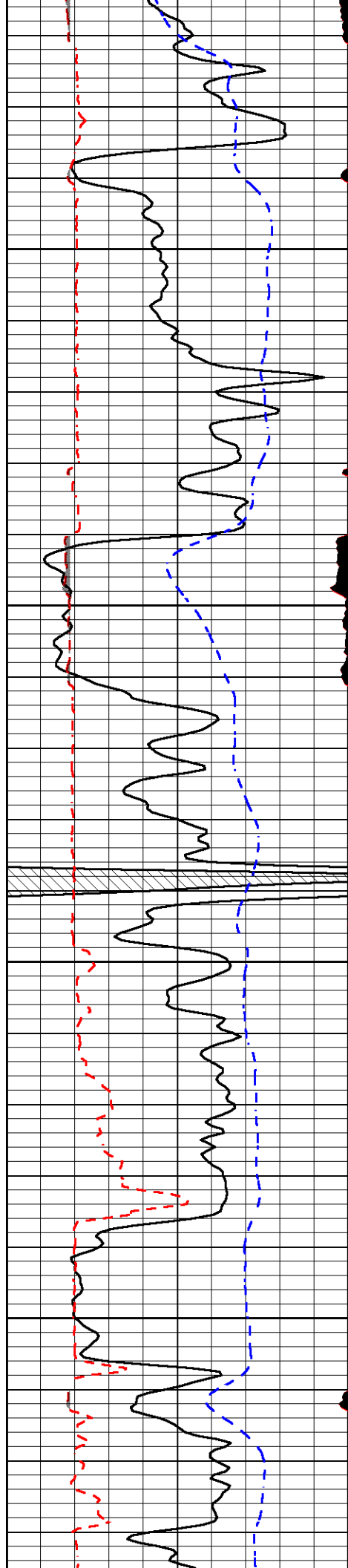
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-36

-36

-35

-35

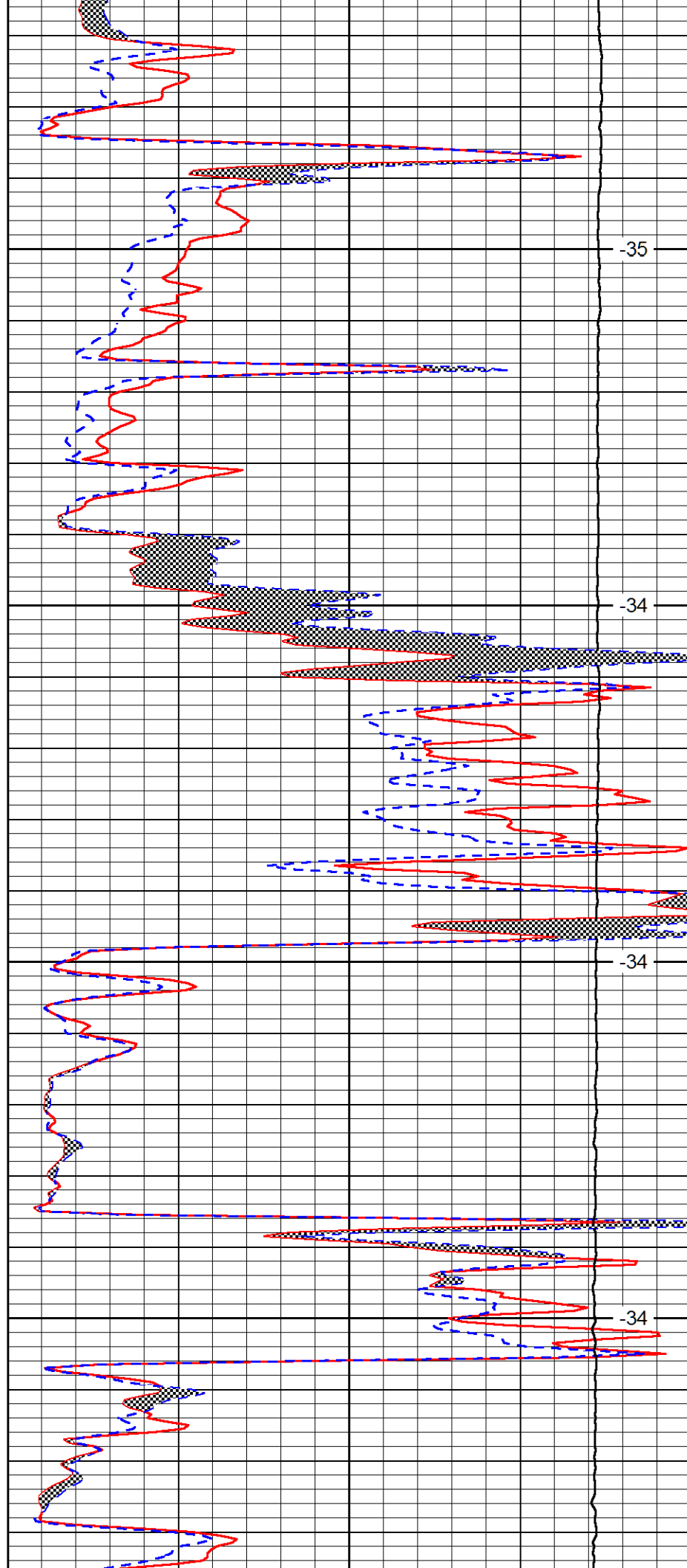


3950

4000

4050

4100

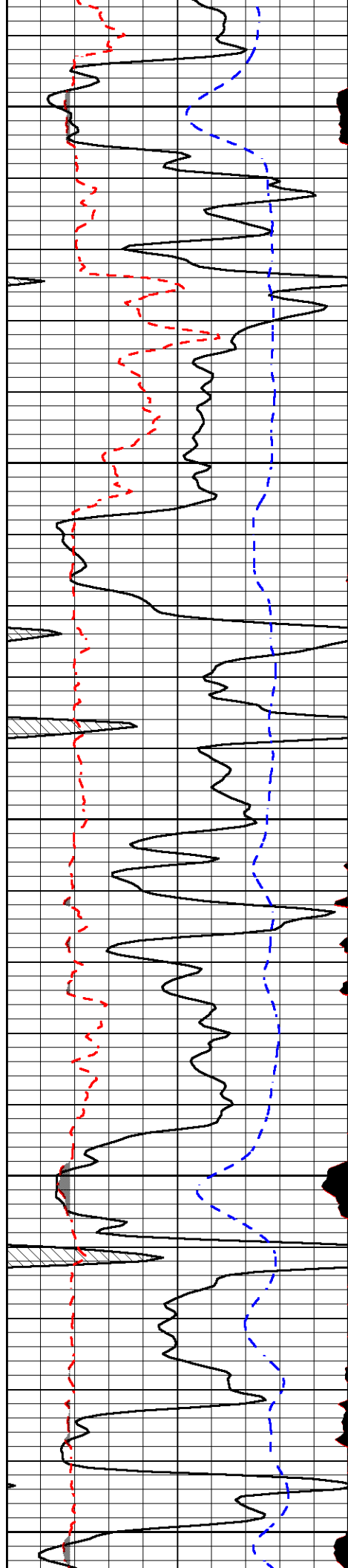


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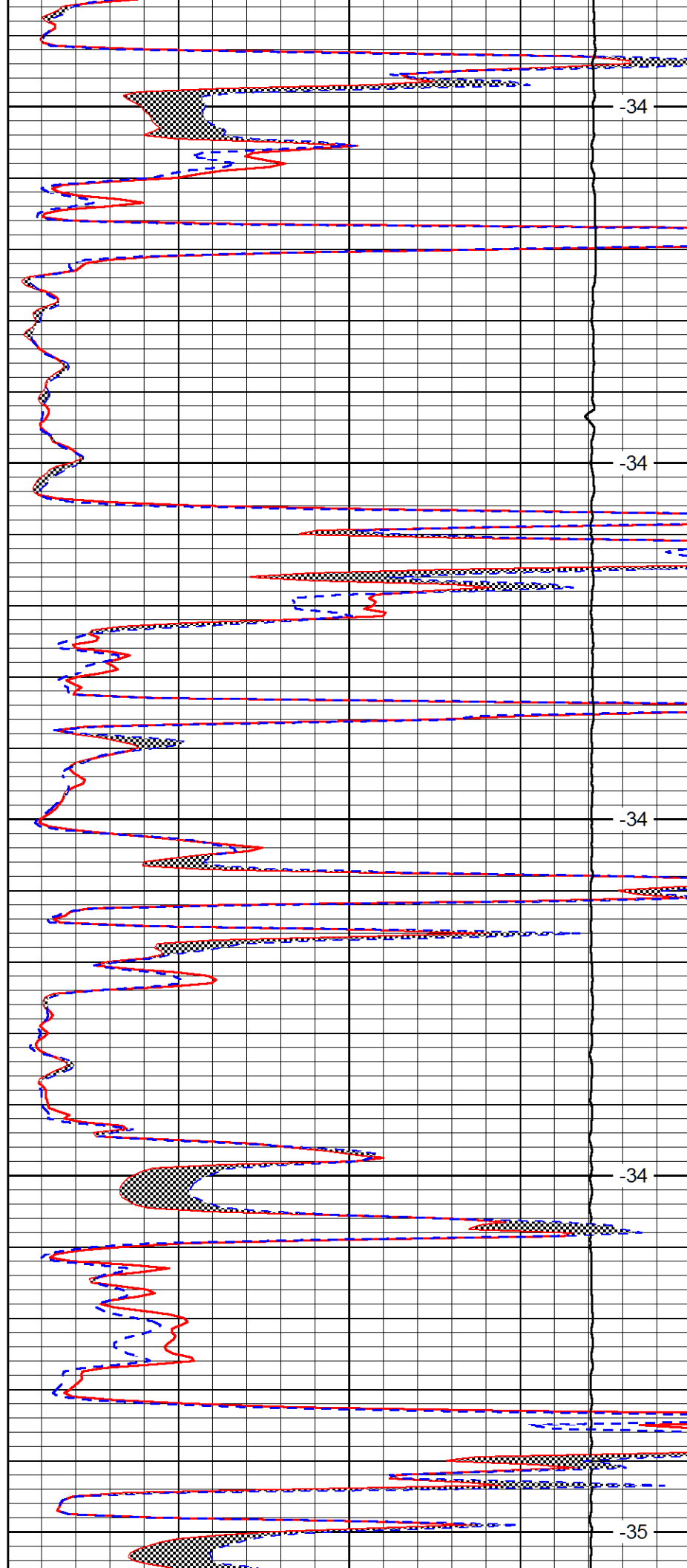
4150

4200

4250

4300

4350



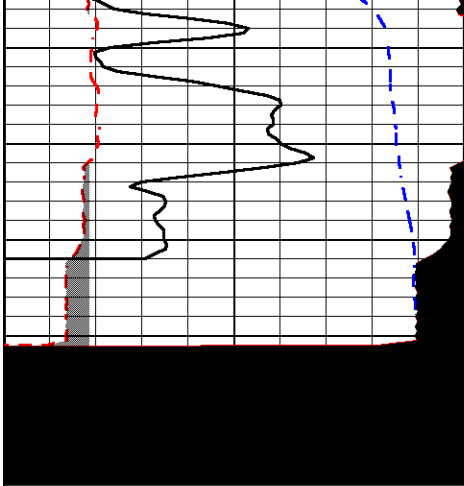
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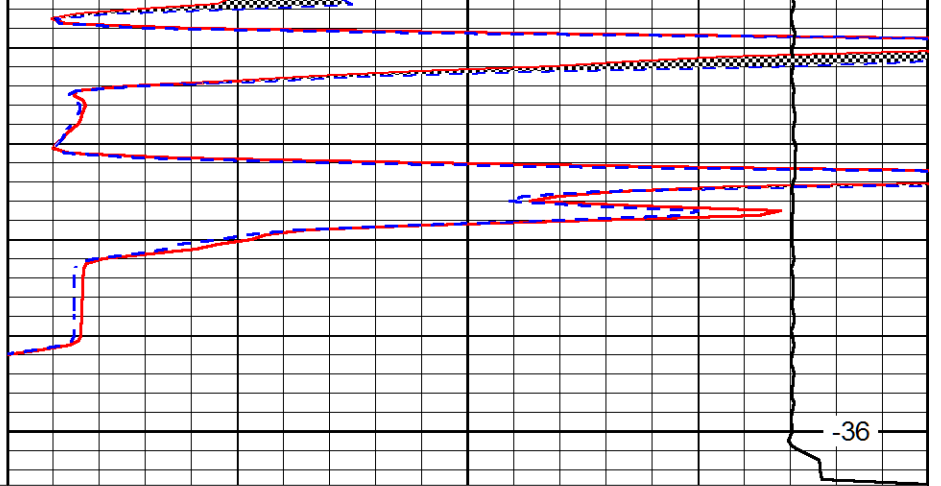
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4400

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