



PIONEER

Pioneer Energy Services

Microresistivity Log

API No.	Company Prospect Oil & Gas Corp.		
	Well Brookover #21-1		
	Field Wildcat		
	County Gove	State	Kansas
	Location NW NE SW NW 1440' FNL / 1750' FEL	Other Services CNL / CDL DIL	
	Sec: 21	Twp: 13S	Rge: 30W
	Permanent Datum Ground Level	Elevation 2892	
	Log Measured From Kelly Bushing	5 Ft. Above Perm. Datum	K.B. 2897
	Drilling Measured From Kelly Bushing		D.F. 2892
			G.L. 2892
Date	8/19/2012		
Run Number	Two		
Depth Driller	4565		
Depth Logger	4565		
Bottom Logged Interval	4564		
Top Log Interval	3500		
Casing Driller	8.625 @ 211		
Casing Logger	206		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	2000		
Density / Viscosity	9.5	57	
pH / Fluid Loss	9.5	10.4	
Source of Sample	Flowline		
Rm @ Meas. Temp	1.20 @ 82		
Rmf @ Meas. Temp	0.90 @ 82		
Rmc @ Meas. Temp	1.62 @ 82		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.81 @ 122		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	122		
Equipment Number	15		
Location	Hays		
Recorded By	R. Barnhart		
Witnessed By	Brad Hutchinson		

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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.

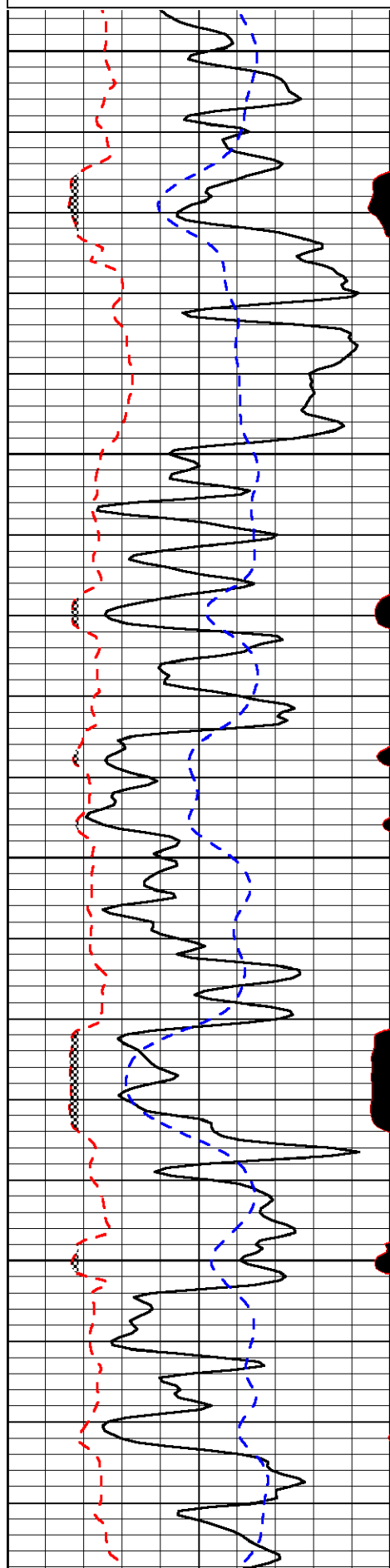
Comments

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

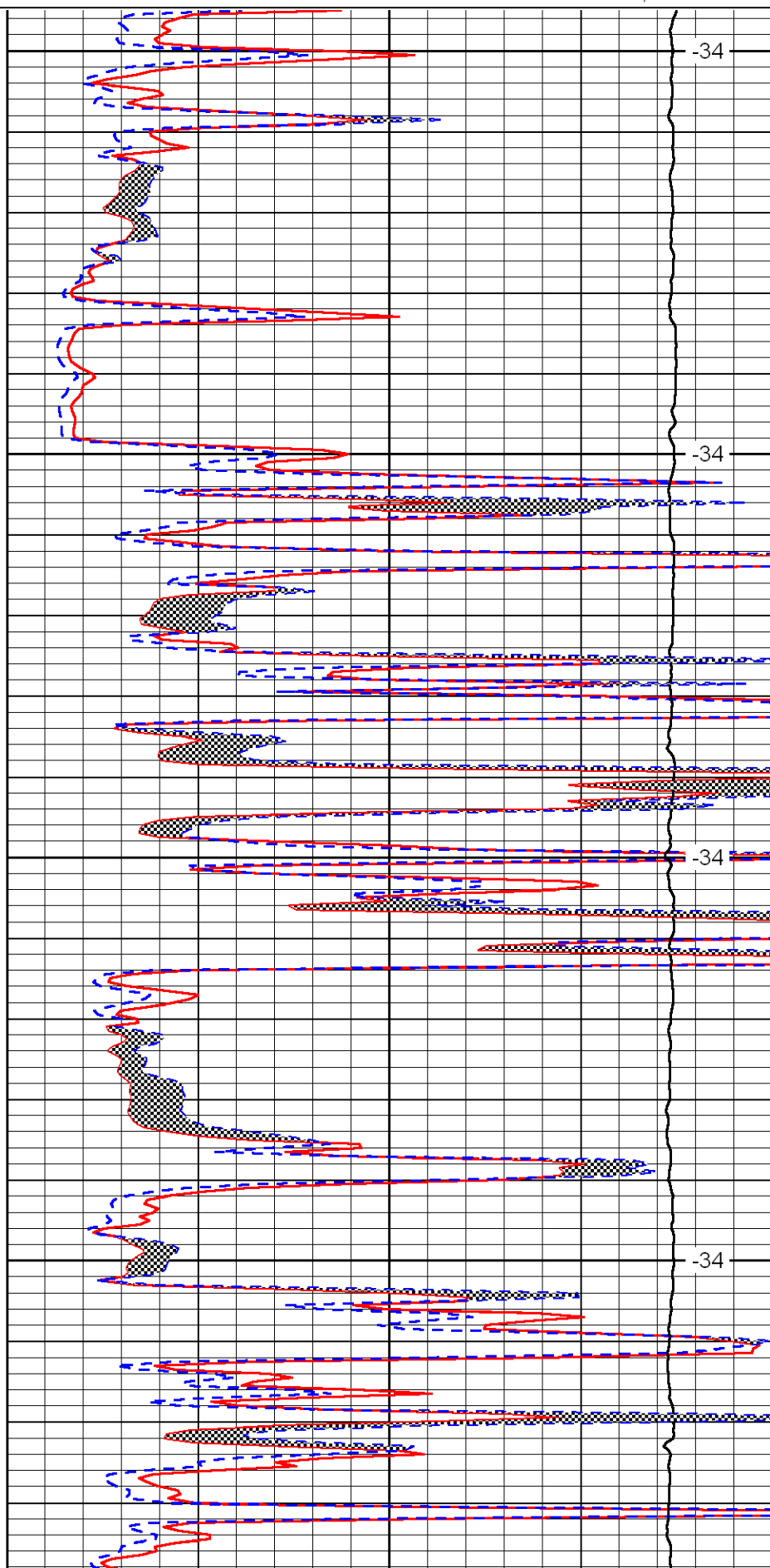
Gove, KS:
10W, 3S, E into

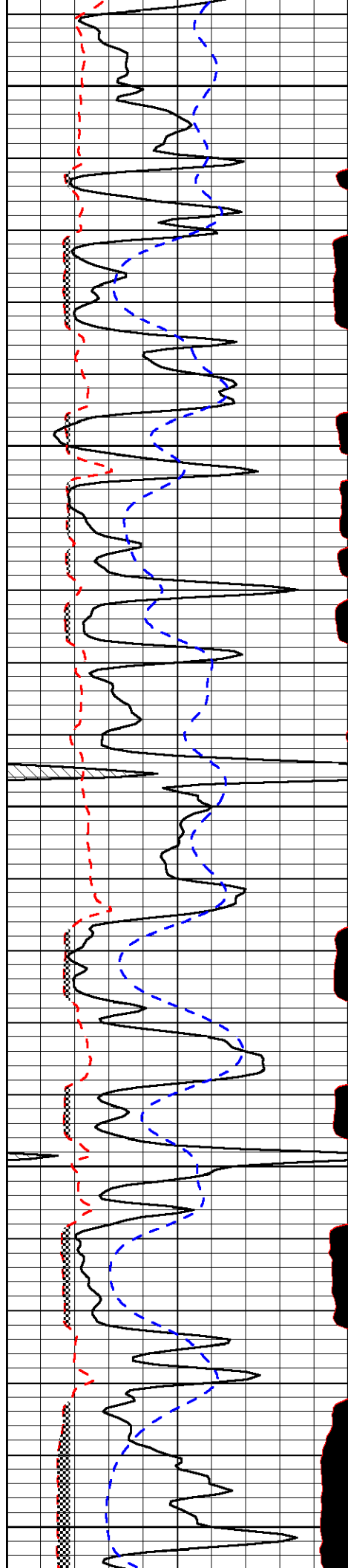
Database File: prospecthd.db
Dataset Pathname: dil/promain
Presentation Format: micro
Dataset Creation: Sun Aug 19 16:39:40 2012
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	mcal (GAPI)	7.875
-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)





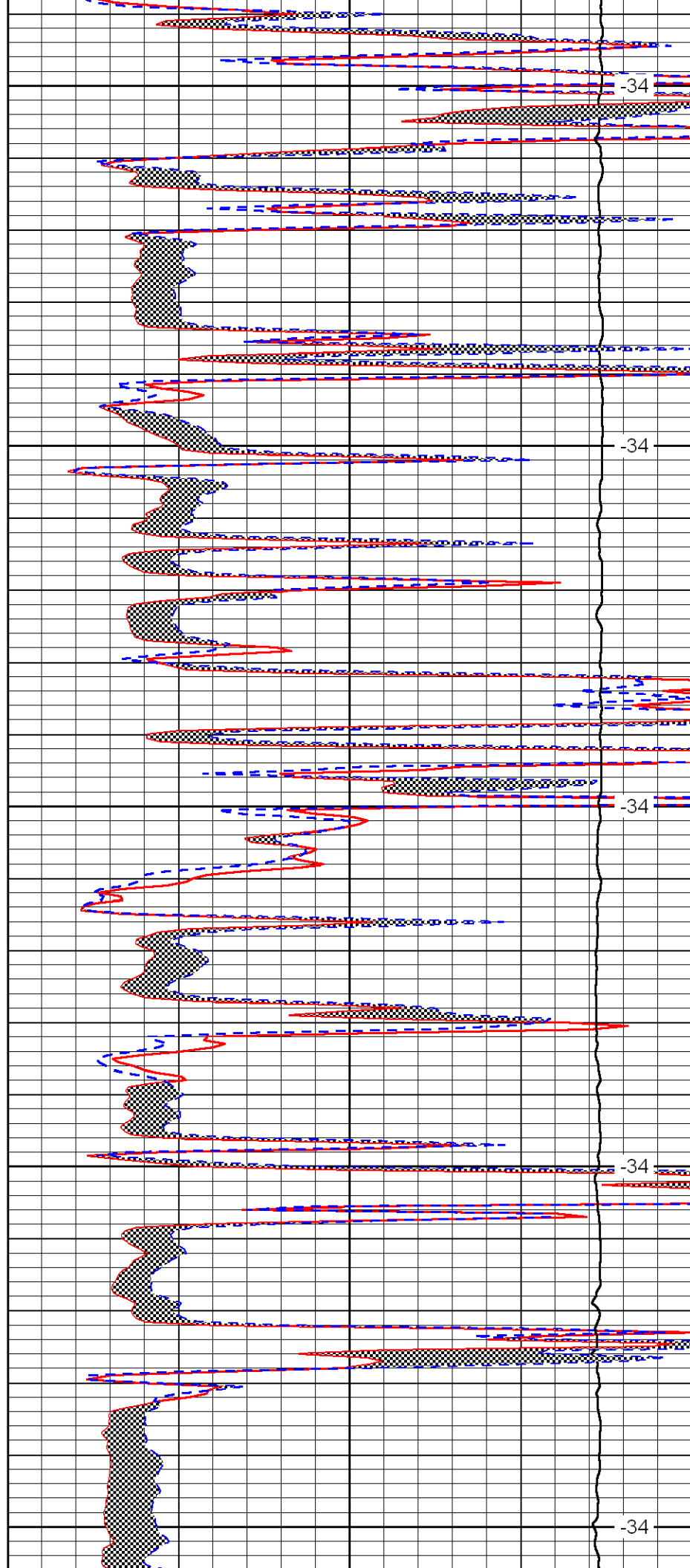
3700

3750

3800

3850

3900



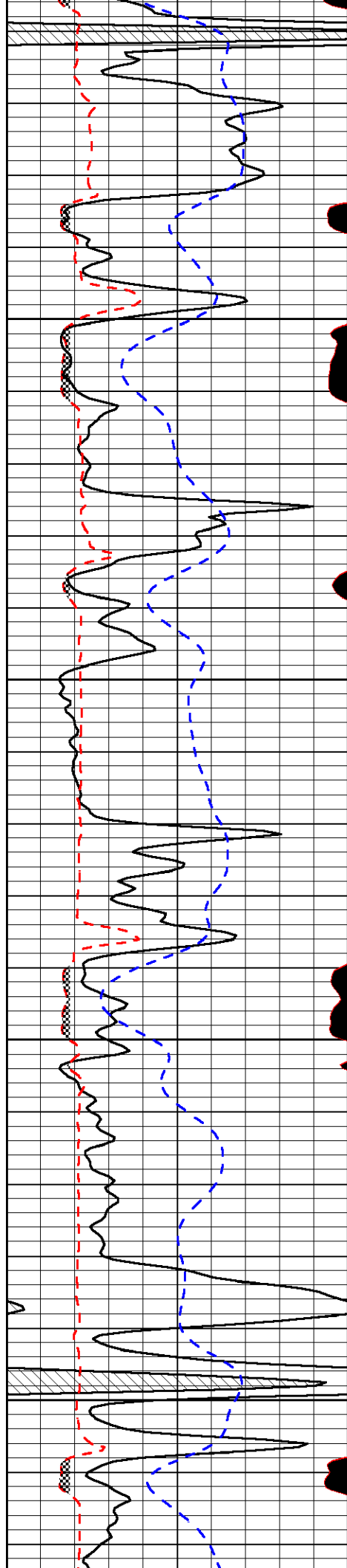
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-34

-34

-34

-34

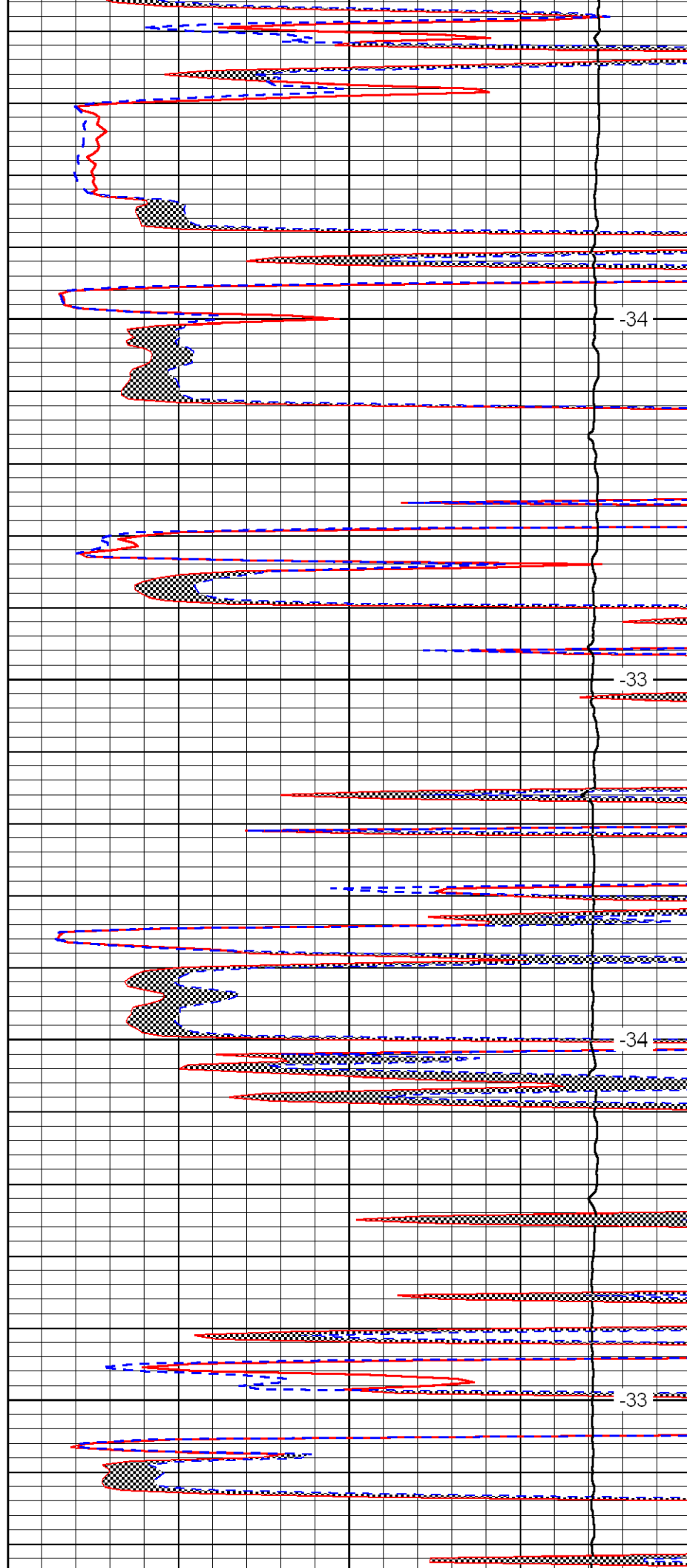


3950

4000

4050

4100

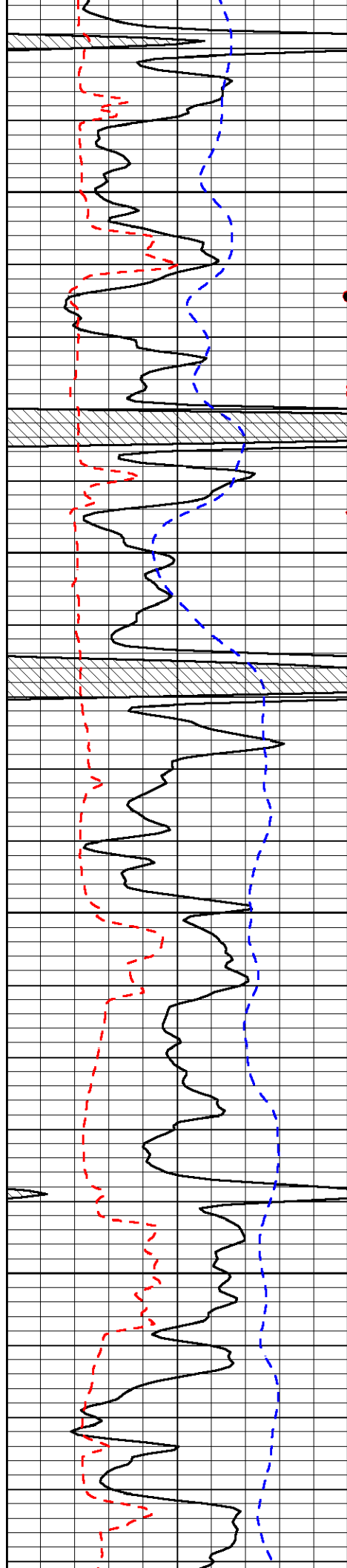


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-33

-34

-33

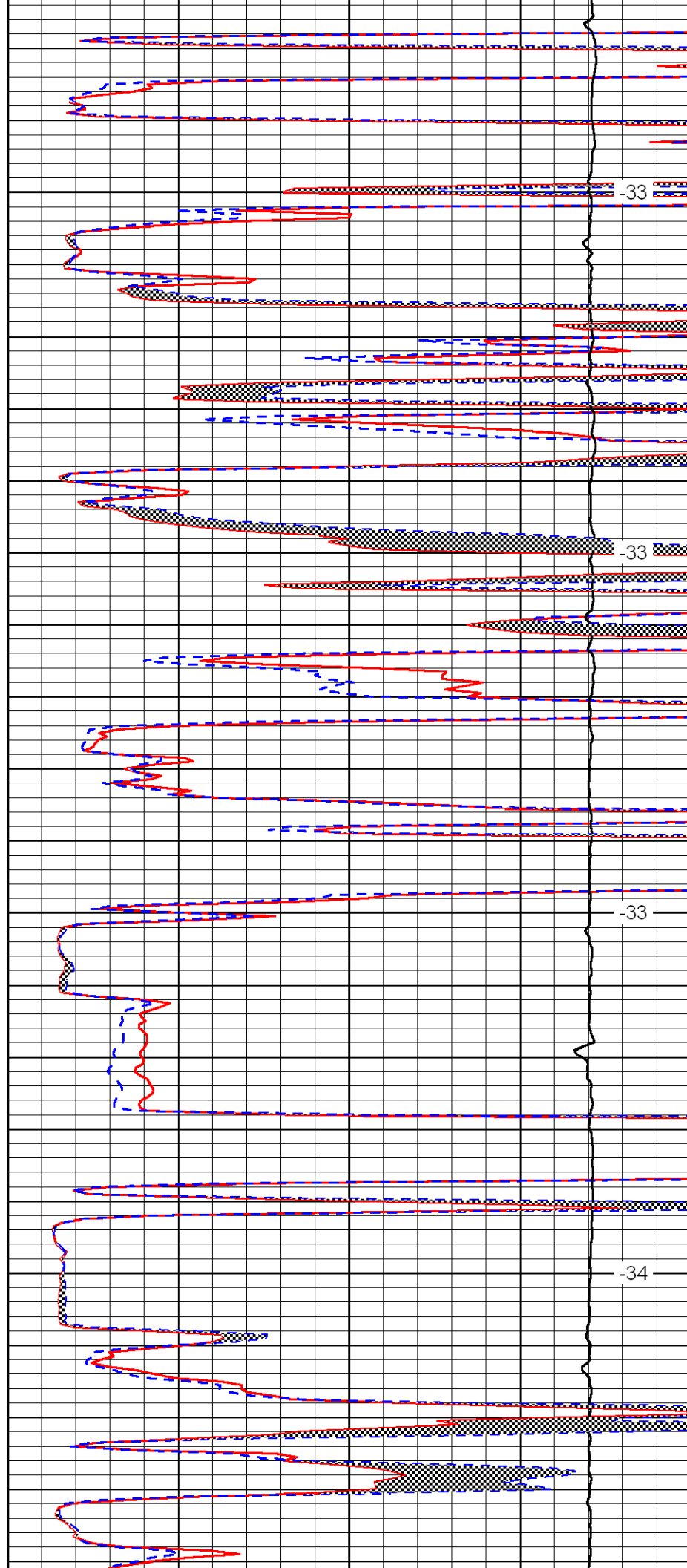


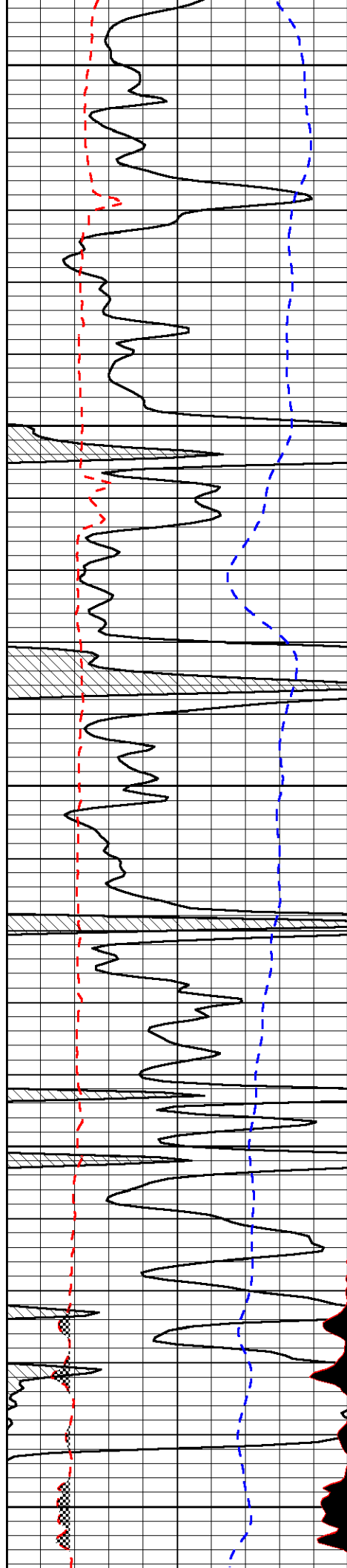
4150

4200

4250

4300





4350

4400

4450

4500

4550

