



Pioneer Energy Services

Microresistivity Log

API No.	Company Berexco LLC			
	Well Bernita #1-27			
	Field			
	County	Rawlins	State	Kansas
15-153-20,951-00-00	Location	440' FNL & 340' FEL		
	Sec: 27	Twp: 1S	Rge: 36W	Other Services RAG
	Permanent Datum	Ground Level	Elevation 3116	Elevation
	Log Measured From	Kelly Bushing	13 Ft. Above Perm. Datum	K.B. 3129 D.F. 3116 G.L. 3116
Date	10/17/2013			
Run Number	One			
Depth Driller	4600			
Depth Logger	4599			
Bottom Logged Interval	4598			
Top Log Interval	3500			
Casing Driller	8.625 @ 310			
Casing Logger	306			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	700			
Density / Viscosity	9.2 56			
pH / Fluid Loss	10.5 6.6			
Source of Sample	Flowline			
Rm @ Meas. Temp	.78 @ 55			
Rmf @ Meas. Temp	.59 @ 55			
Rmc @ Meas. Temp	1.05 @ 55			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.35 @ 122			
Operating Rig Time	4 Hours			
Max Rec. Temp. F	122			
Equipment Number	17			
Location	Hays			
Recorded By	C. Desaire			
Witnessed By	Pete Vollmer			

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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.

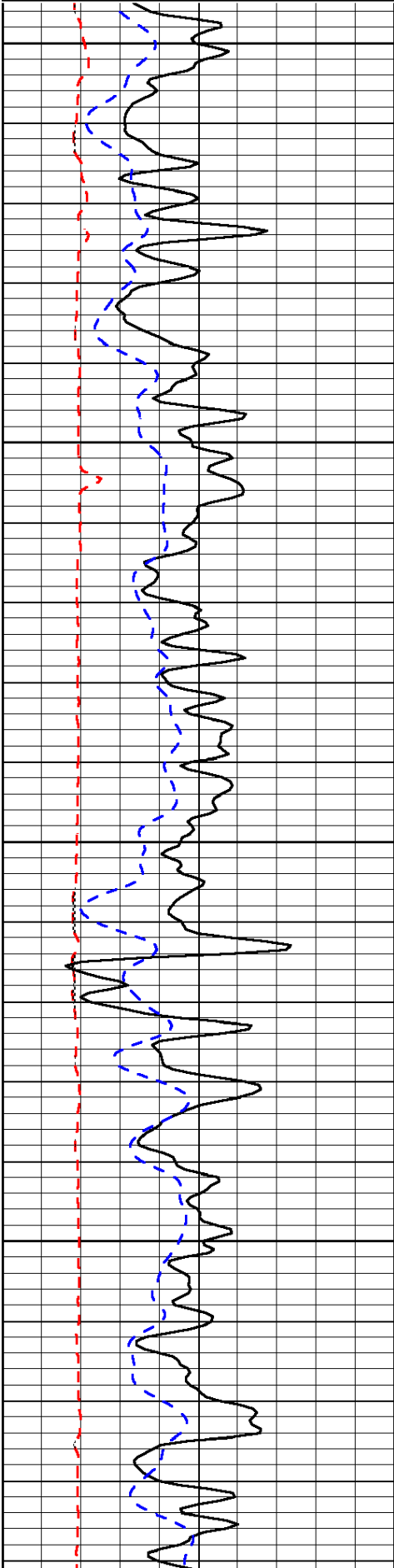
Comments

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

Beardsley KS, N to AA Rd,
5 3/4 W, S Into

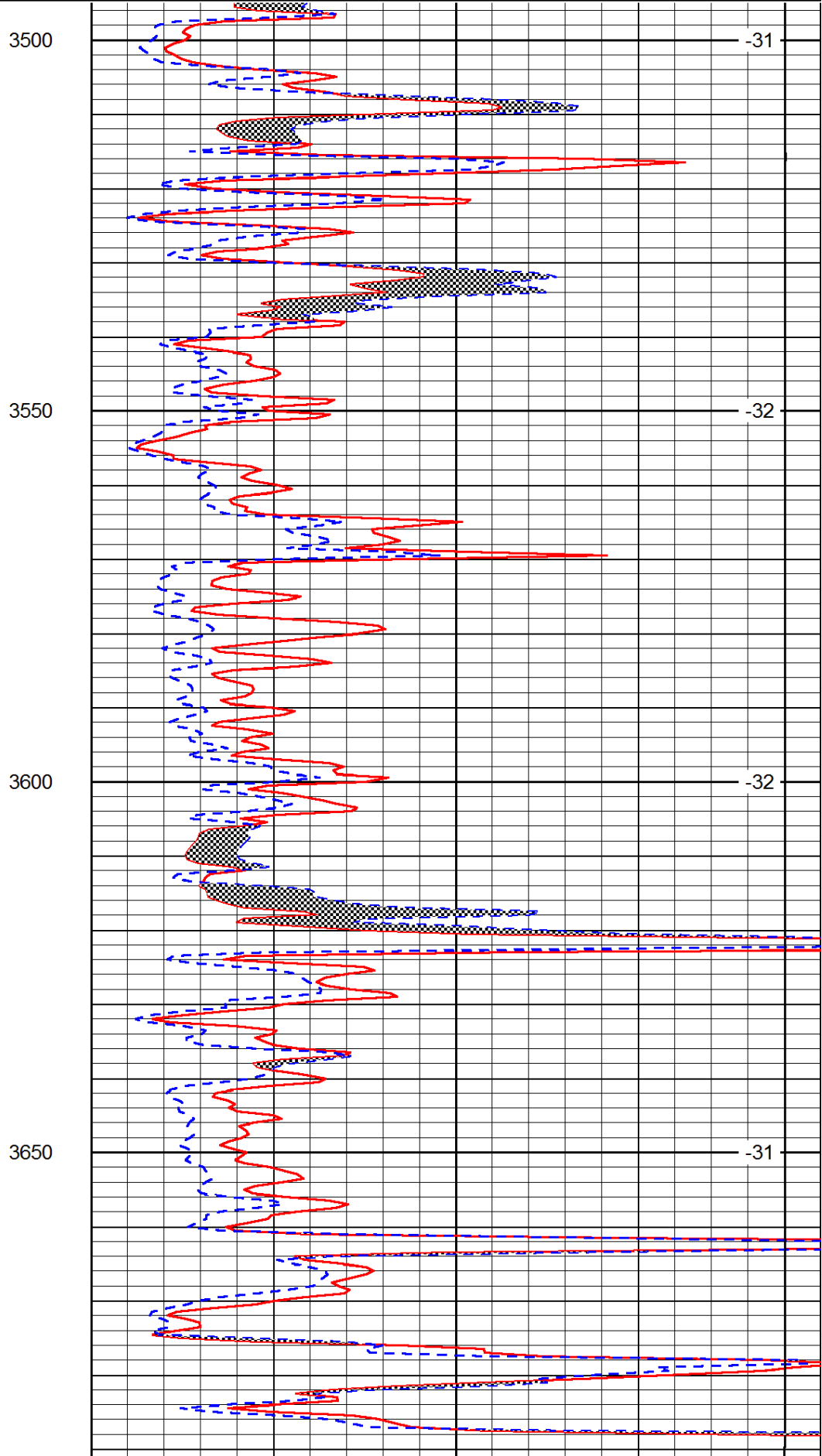
Database File: c:\warrior\data\berexco_bernita #1-27\berhd.db
Dataset Pathname: rag/berrag
Presentation Format: micro
Dataset Creation: Thu Oct 17 23:24:55 2013
Charted by: Depth in Feet scaled 1:240

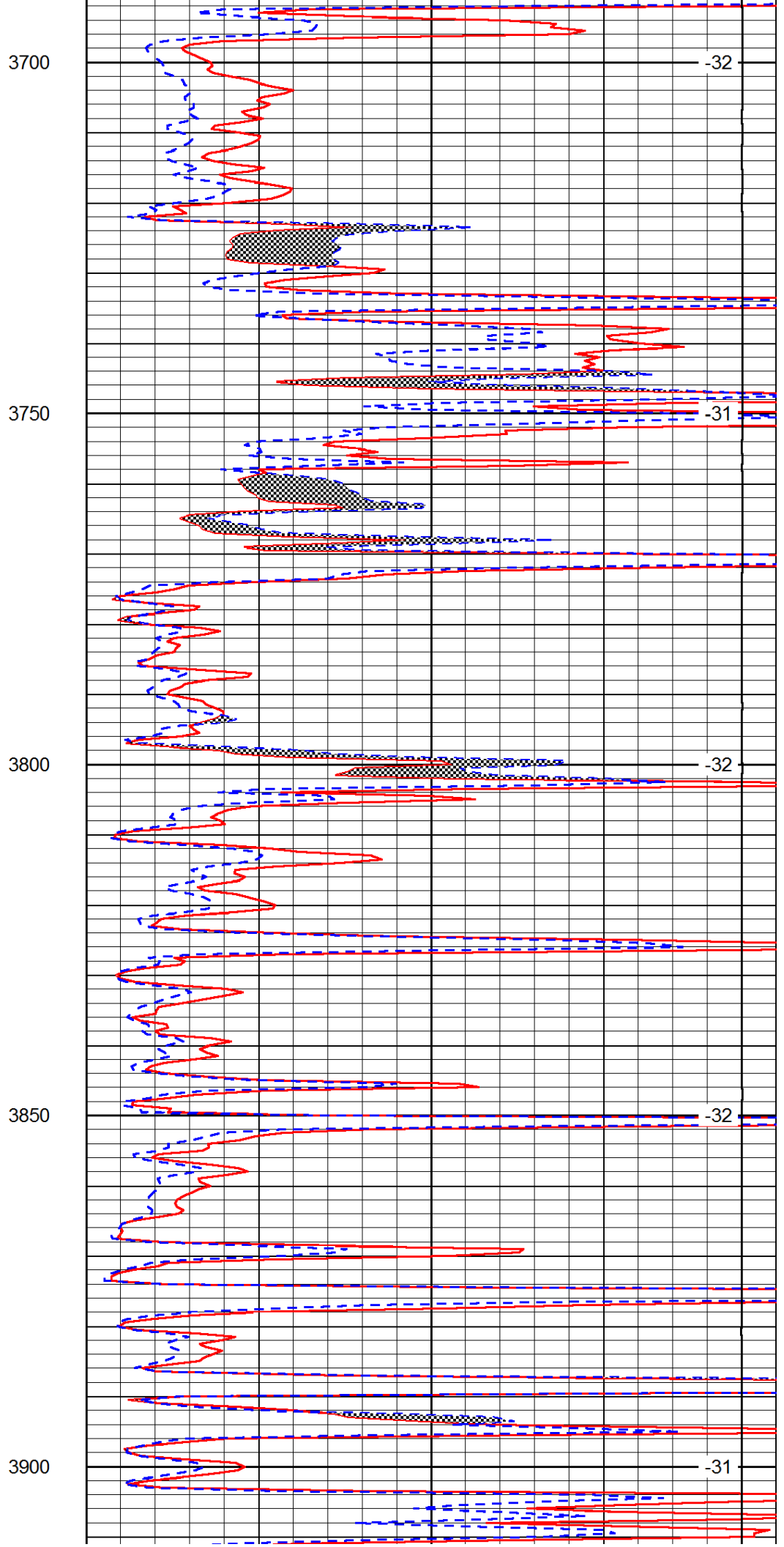
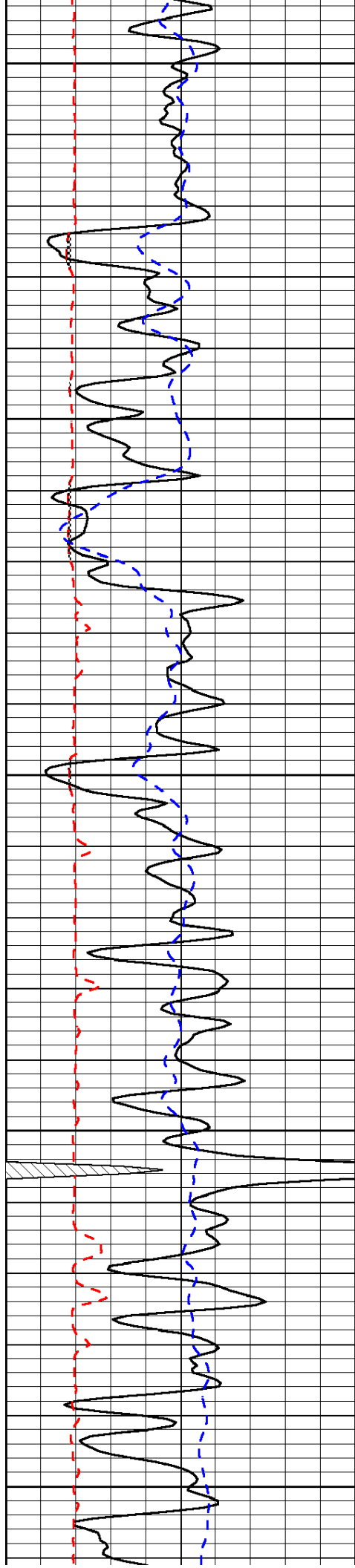
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

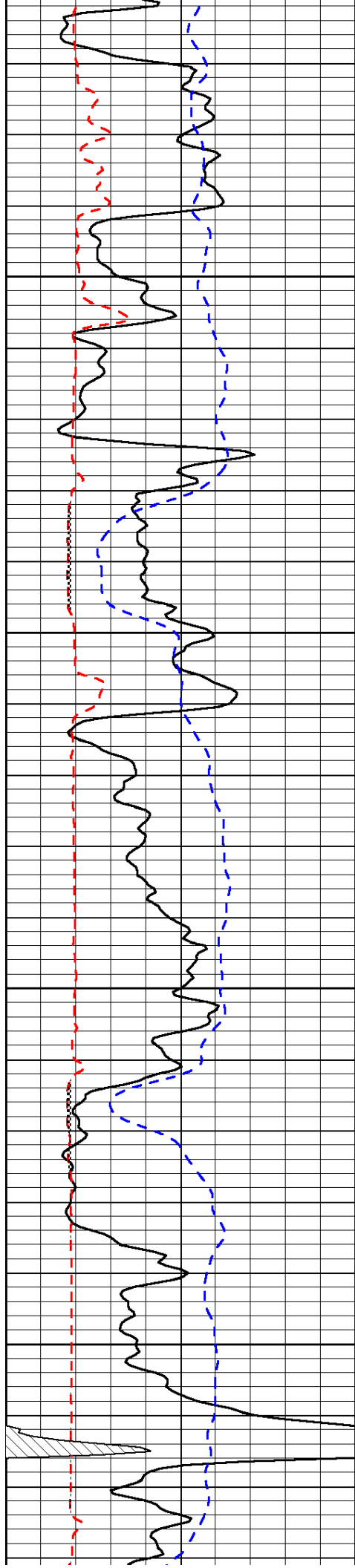


0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





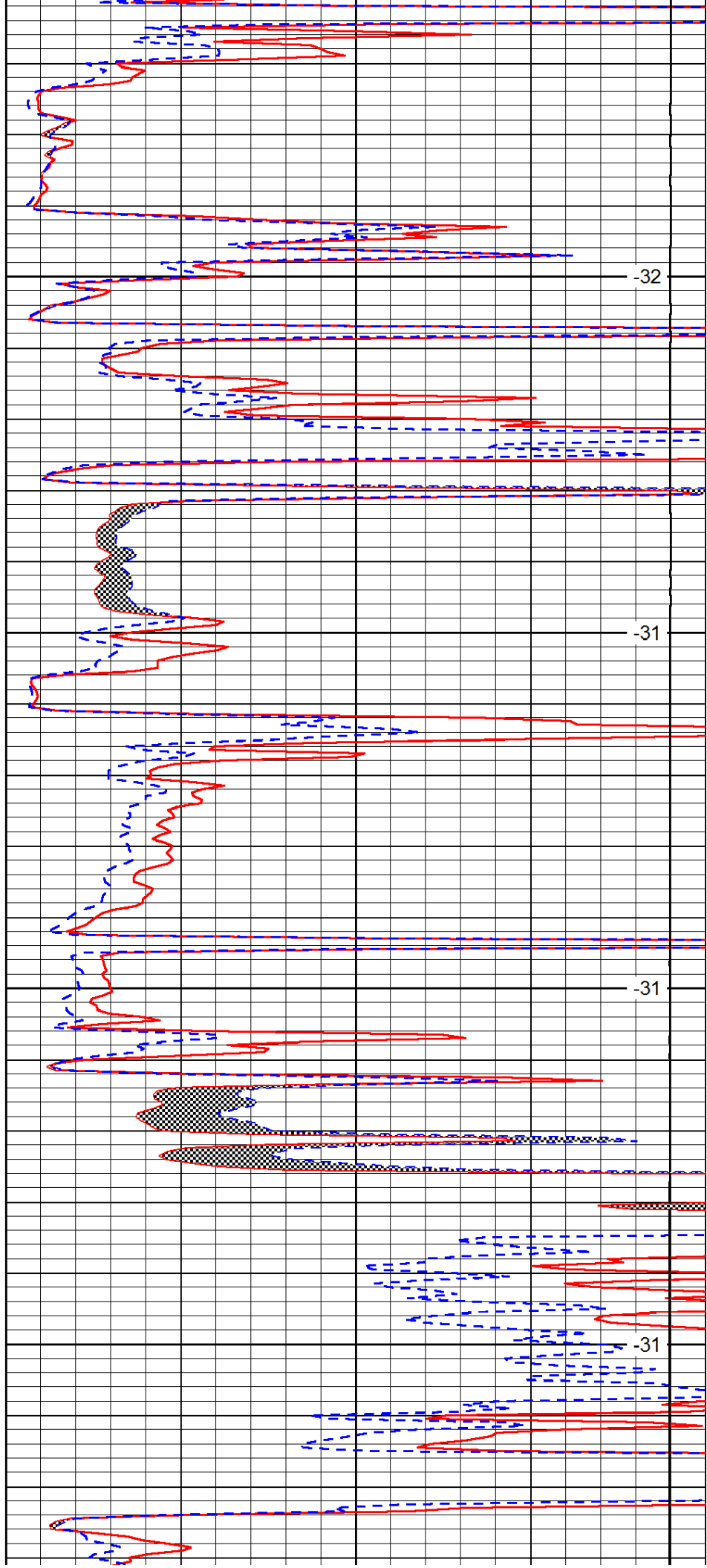


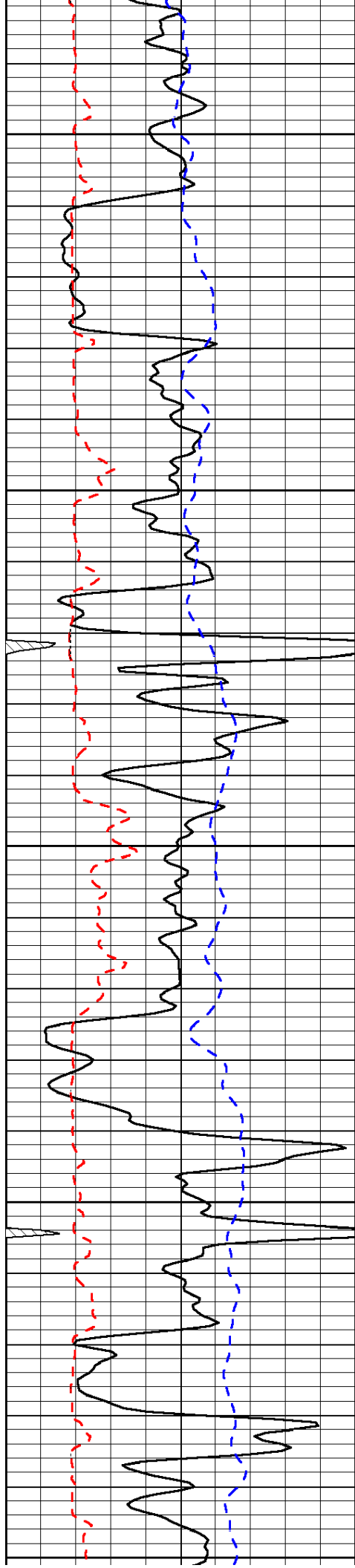
3950

4000

4050

4100





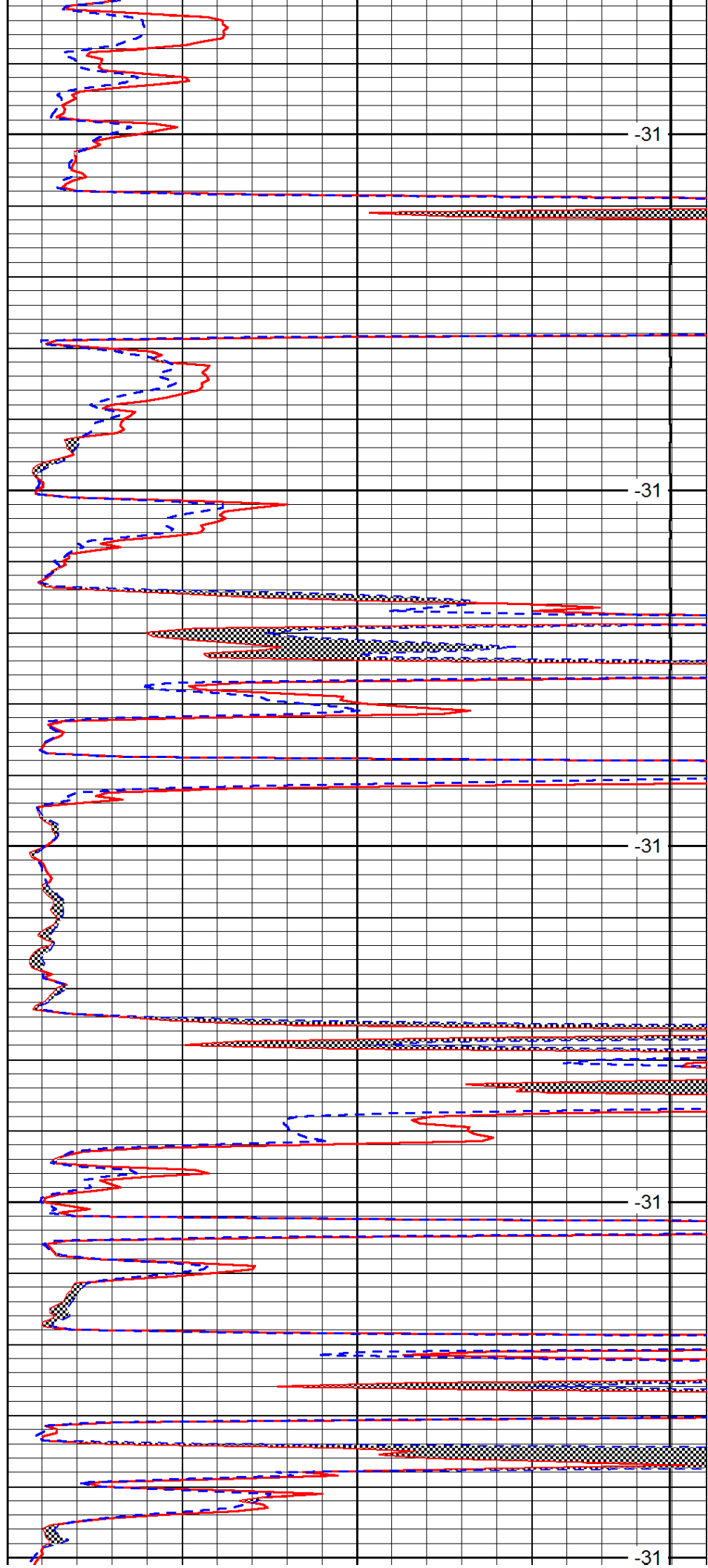
4150

4200

4250

4300

4350



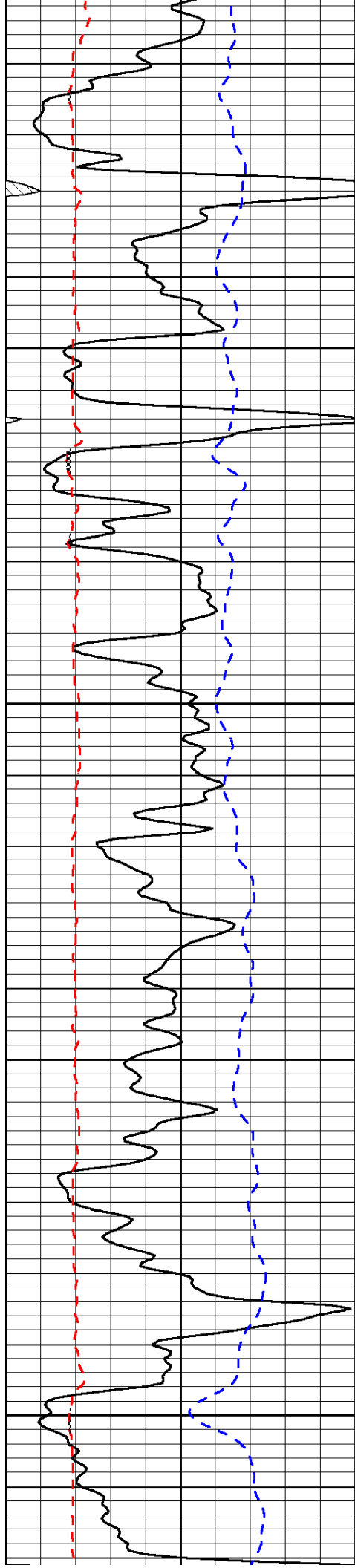
-31

-31

-31

-31

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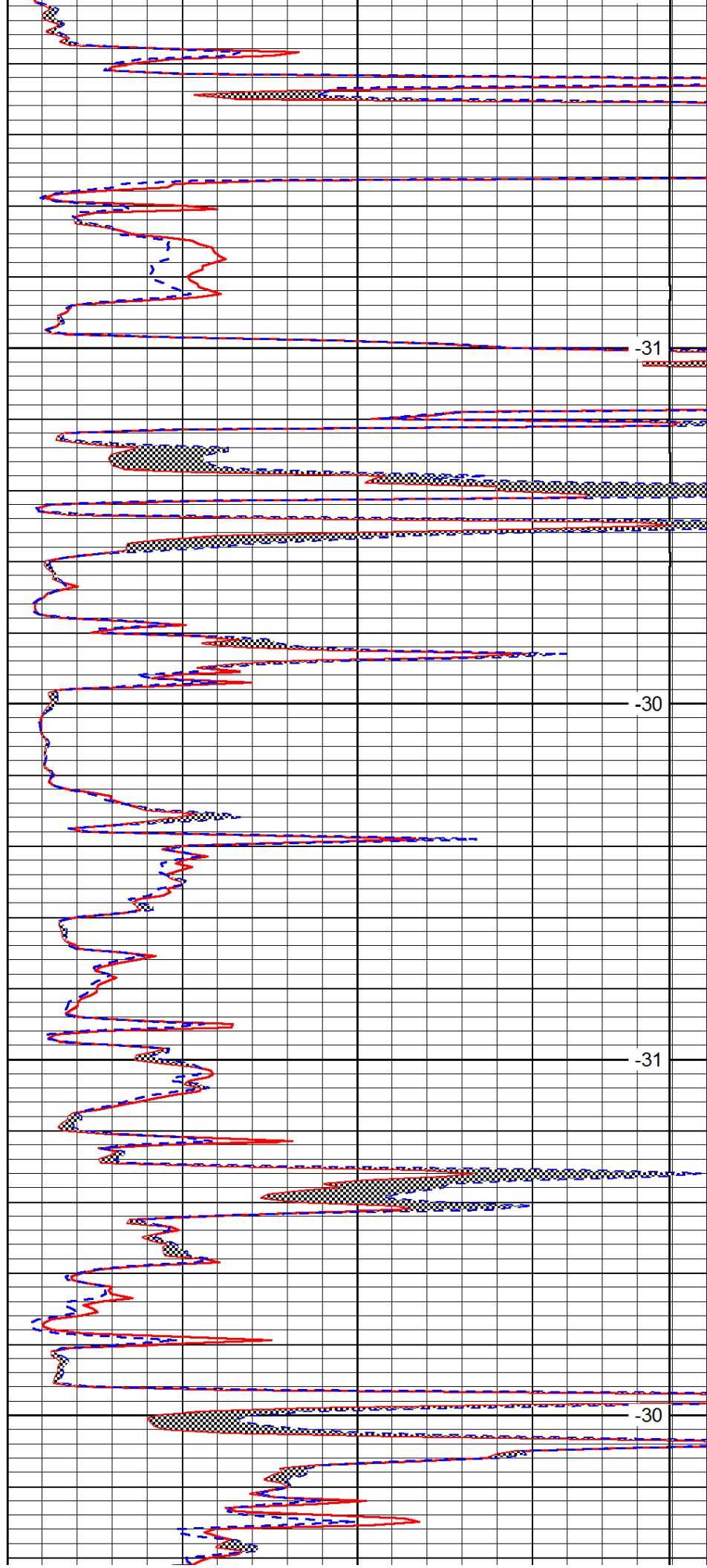


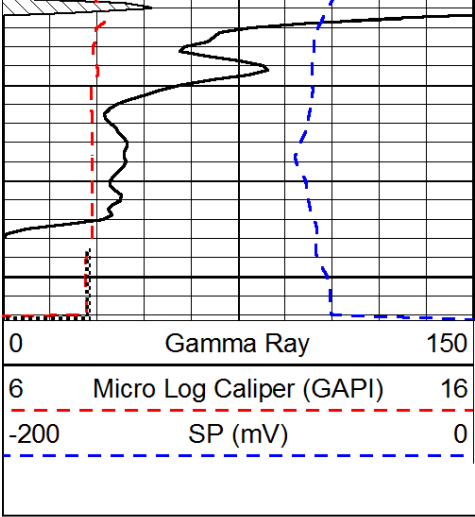
4400

4450

4500

4550





4600

