



Pioneer Energy Services

Microresistivity Log

API No.	Company RJM Company Well Kevin Wirth #1 Field Peach County Barton State Kansas			
15-009-25,937-00-00	Location 1200' FNL & 2000' FEL	Other Services CNL/CDL DIL/BHCS		
	Sec: 25 Twp: 16S Rge: 14W	Elevation		
	Permanent Datum Ground Level	K.B. 1977		
	Log Measured From Kelly Bushing	D.F. 1967		
	Drilling Measured From Kelly Bushing	G.L. 1967		
Date	1/23/2014			
Run Number	Two			
Depth Driller	3497			
Depth Logger	3493			
Bottom Logged Interval	3492			
Top Log Interval	2700			
Casing Driller	8.625 @ 453			
Casing Logger	454			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity, ppm CL	5,000			
Density / Viscosity	9.3 48			
pH / Fluid Loss	9.5 8.8			
Source of Sample	Flowline			
Rm @ Meas. Temp	.18 @ 43			
Rmf @ Meas. Temp	.14 @ 43			
Rmc @ Meas. Temp	.24 @ 43			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.07 @ 111			
Operating Rig Time	4 1/2 Hours			
Max Rec. Temp. F	111			
Equipment Number	108			
Location	Hays			
Recorded By	J. Henrickson			
Witnessed By	Clint Musgrove			

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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.

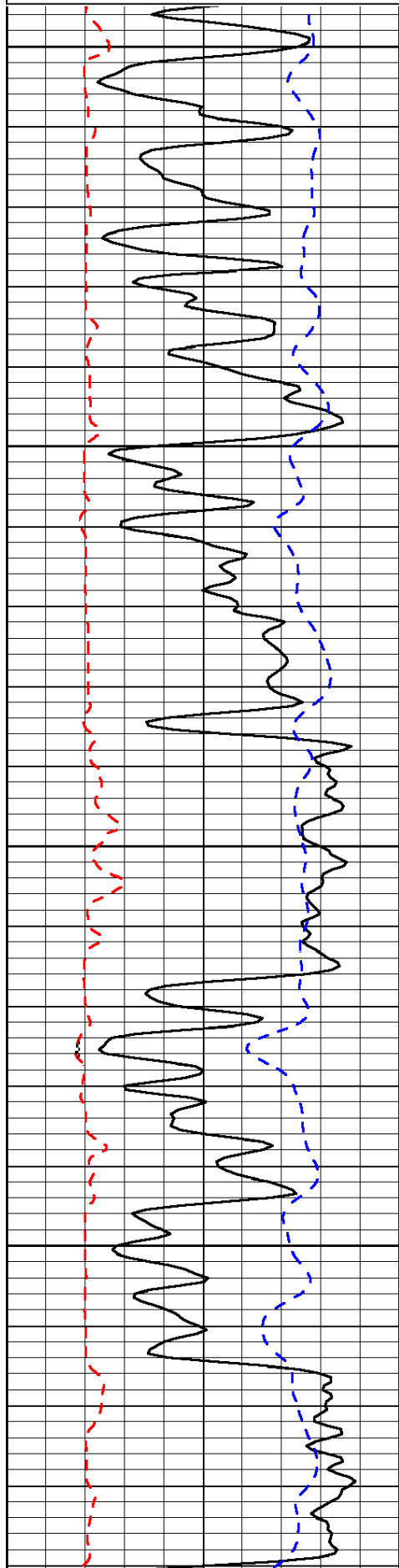
Comments

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

Susank Kansas
2.3 West, South Into

Database File: c:\warrior\data\rjm_kevin wirth # 1\rjm_kevin_wirth_1hd.db
Dataset Pathname: DIL\rjmstk
Presentation Format: micro
Dataset Creation: Thu Jan 23 11:45:07 2014
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



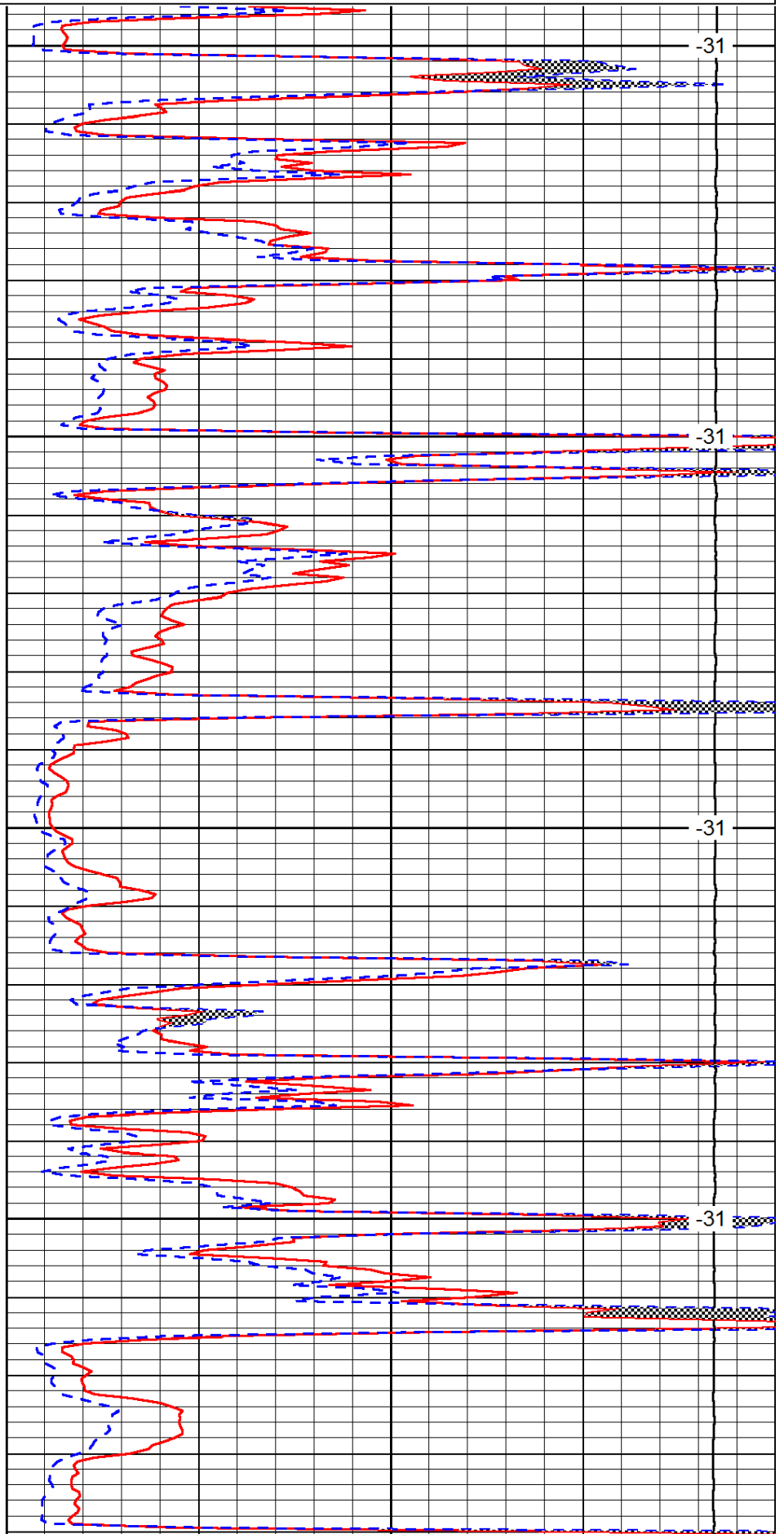
2700

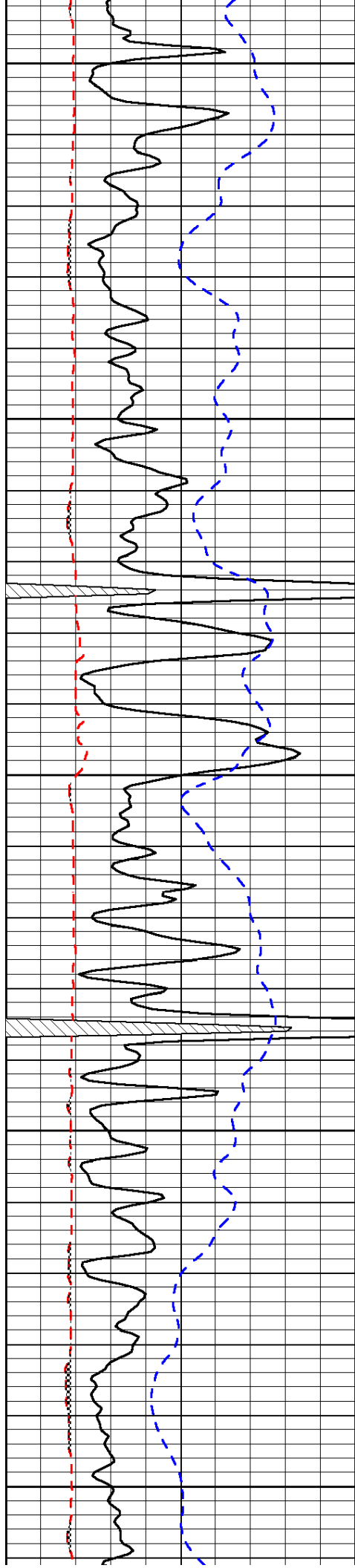
2750

2800

2850

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





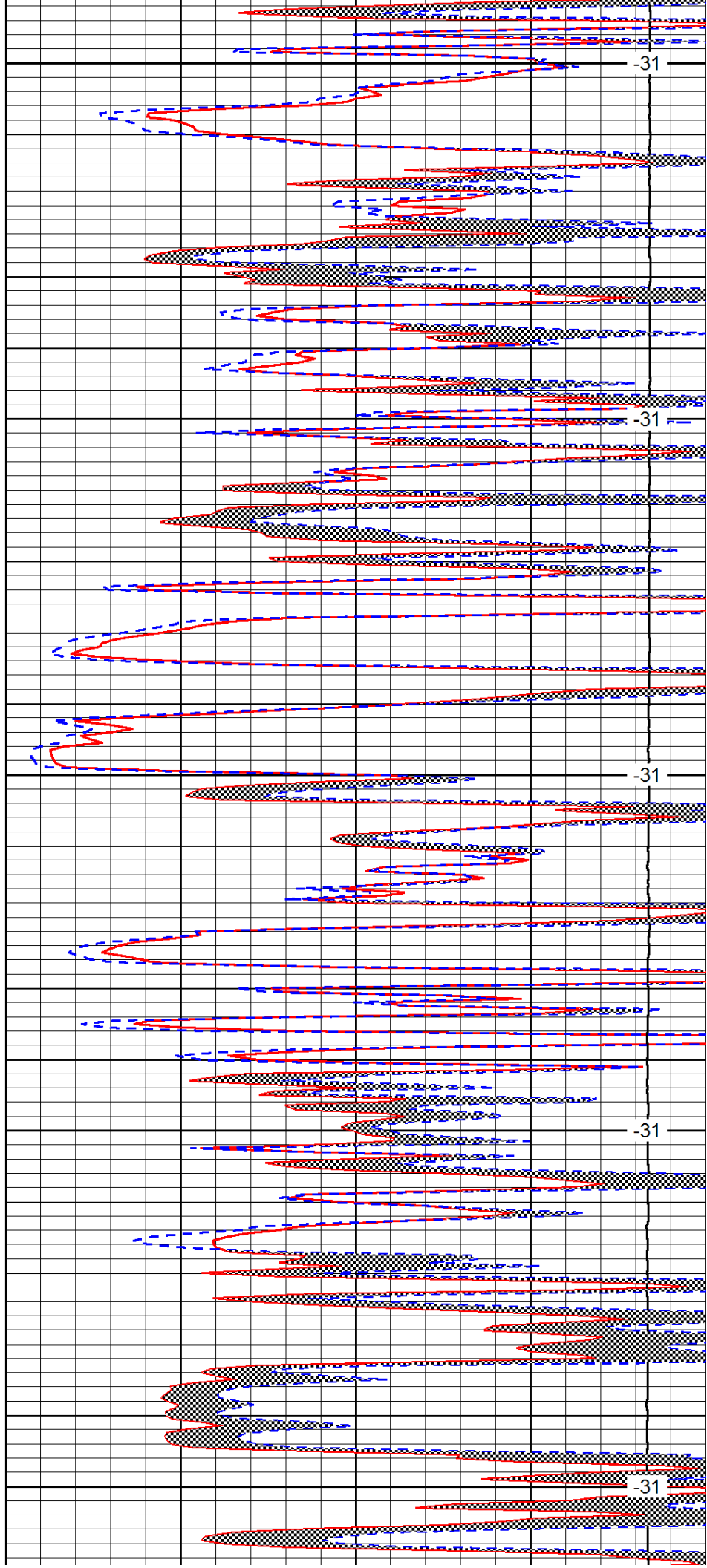
2900

2950

3000

3050

3100



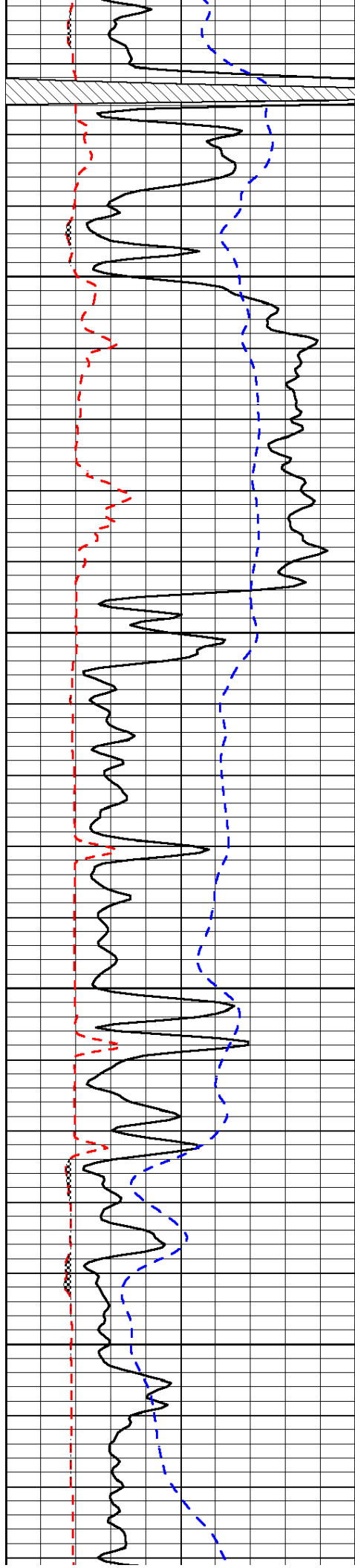
-31

-31

-31

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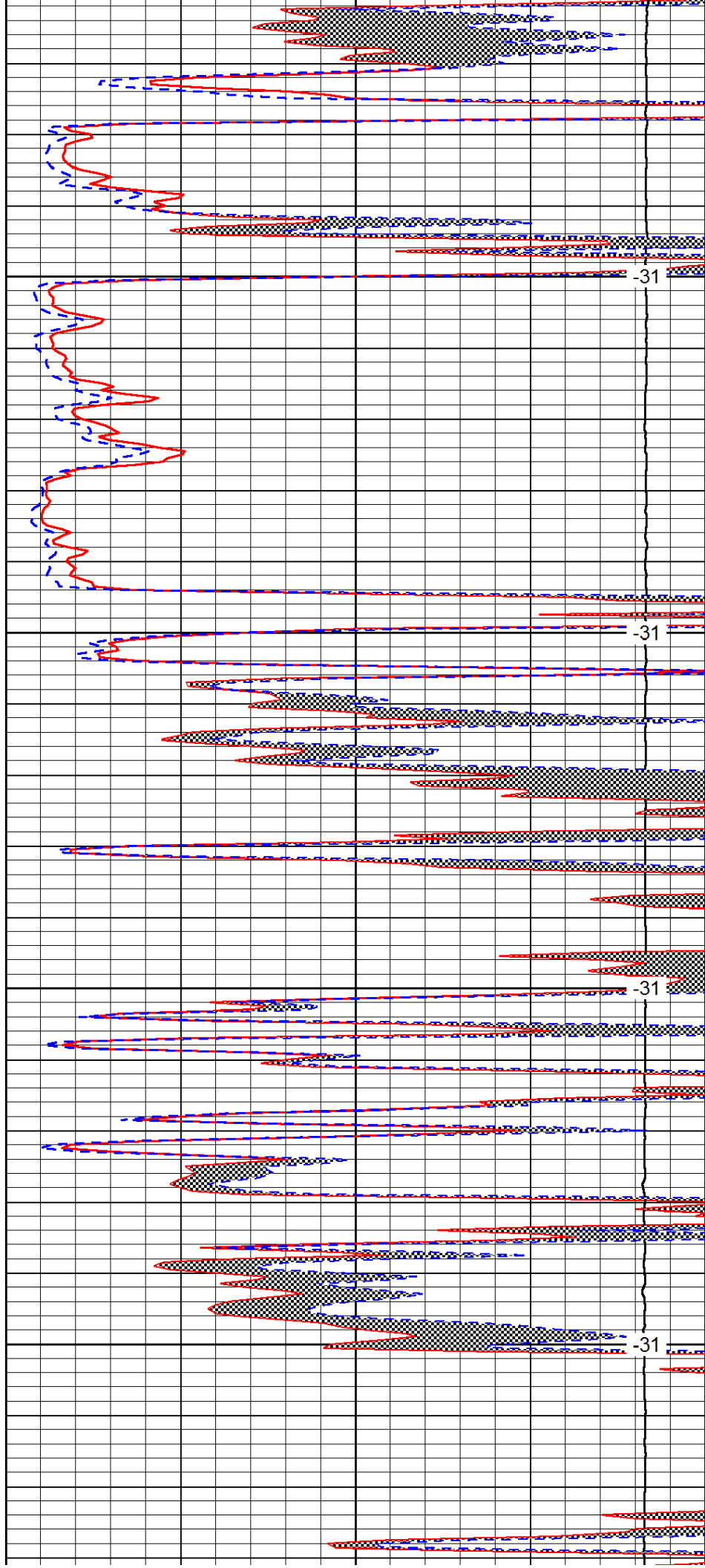


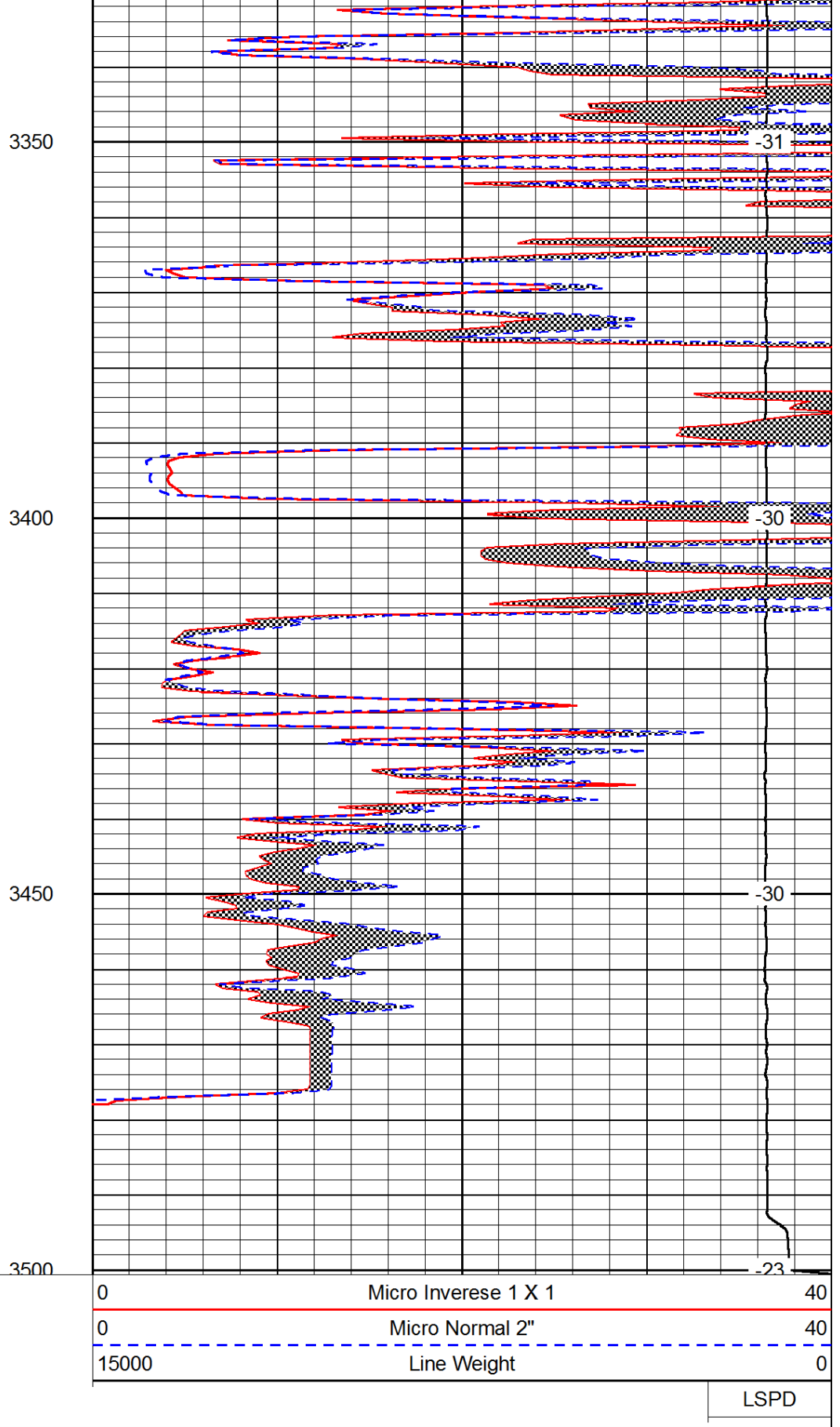
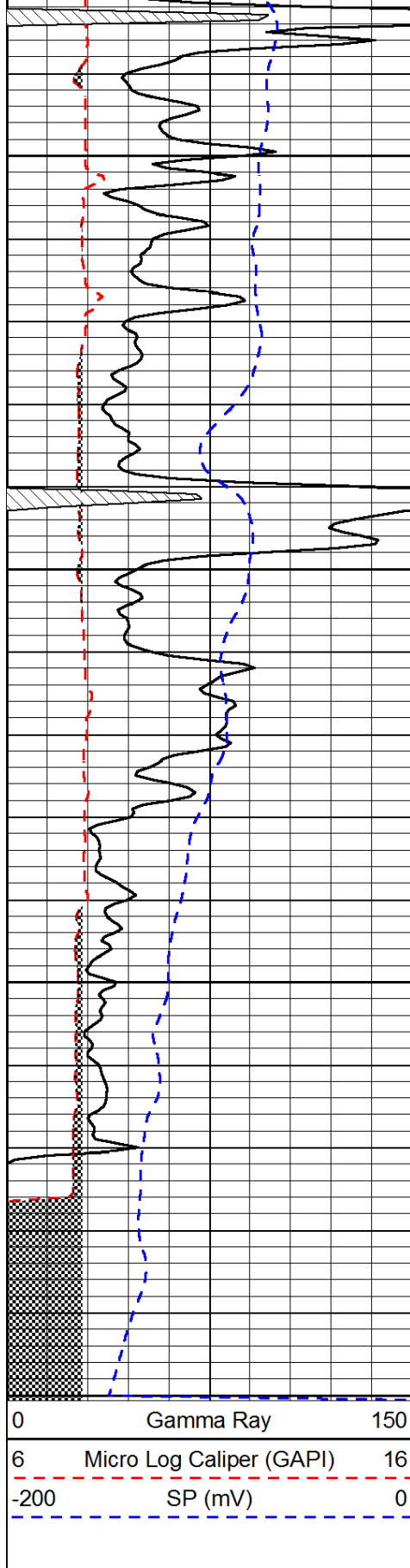
3150

3200

3250

3300





LSPD