



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.		Company Downing-Nelson Oil Co., Inc.			
		Well Vandenberg-Saxton Unit No. 1-18			
		Field Ben			
		County Pawnee	State	Kansas	
15-145-21,615-00-00		Location 2400' FNL & 1660' FEL		Other Services CNL/CDL DIL/BHCS	
Permanent Datum Ground Level Elevation 2220		Sec: 18 Twp: 20 S Rge: 20 W		Elevation	
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum				K.B. 2228	
Drilling Measured From Kelly Bushing				D.F. 2220	
Date		11/05/2010			
Run Number	Two				
Depth Driller	4368				
Depth Logger	4369				
Bottom Logged Interval	4368				
Top Log Interval	3450				
Casing Driller	8.625 @ 394				
Casing Logger	392				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	6.000				
Density / Viscosity	9.4 51				
pH / Fluid Loss	8.0 10.8				
Source of Sample	Flowline				
Rm @ Meas. Temp	.70 @ 65				
Rmf @ Meas. Temp	.53 @ 65				
Rmc @ Meas. Temp	.95 @ 65				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.20 @ 122				
Operating Rig Time	5 1/2 Hours				
Max Rec. Temp. F	122				
Equipment Number	4				
Location	Hays				
Recorded By	K. Bange				
Witnessed By	Marc Downing				

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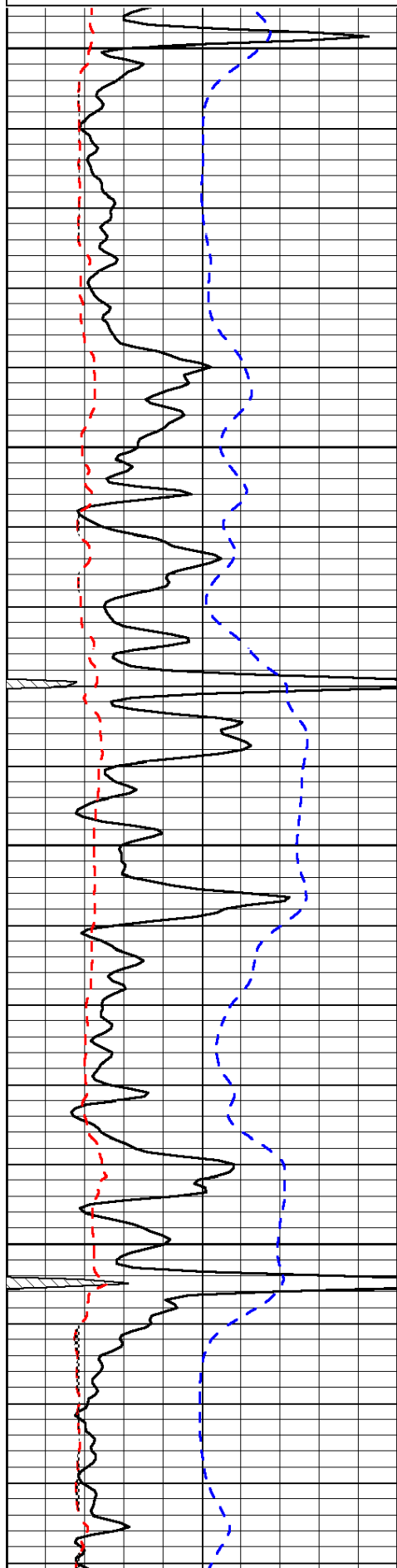
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 Log-Tech, Inc.
(785) 625-3858

Alexander, 11 S to X rd, 1 W, 1/2 S, W into

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



3450

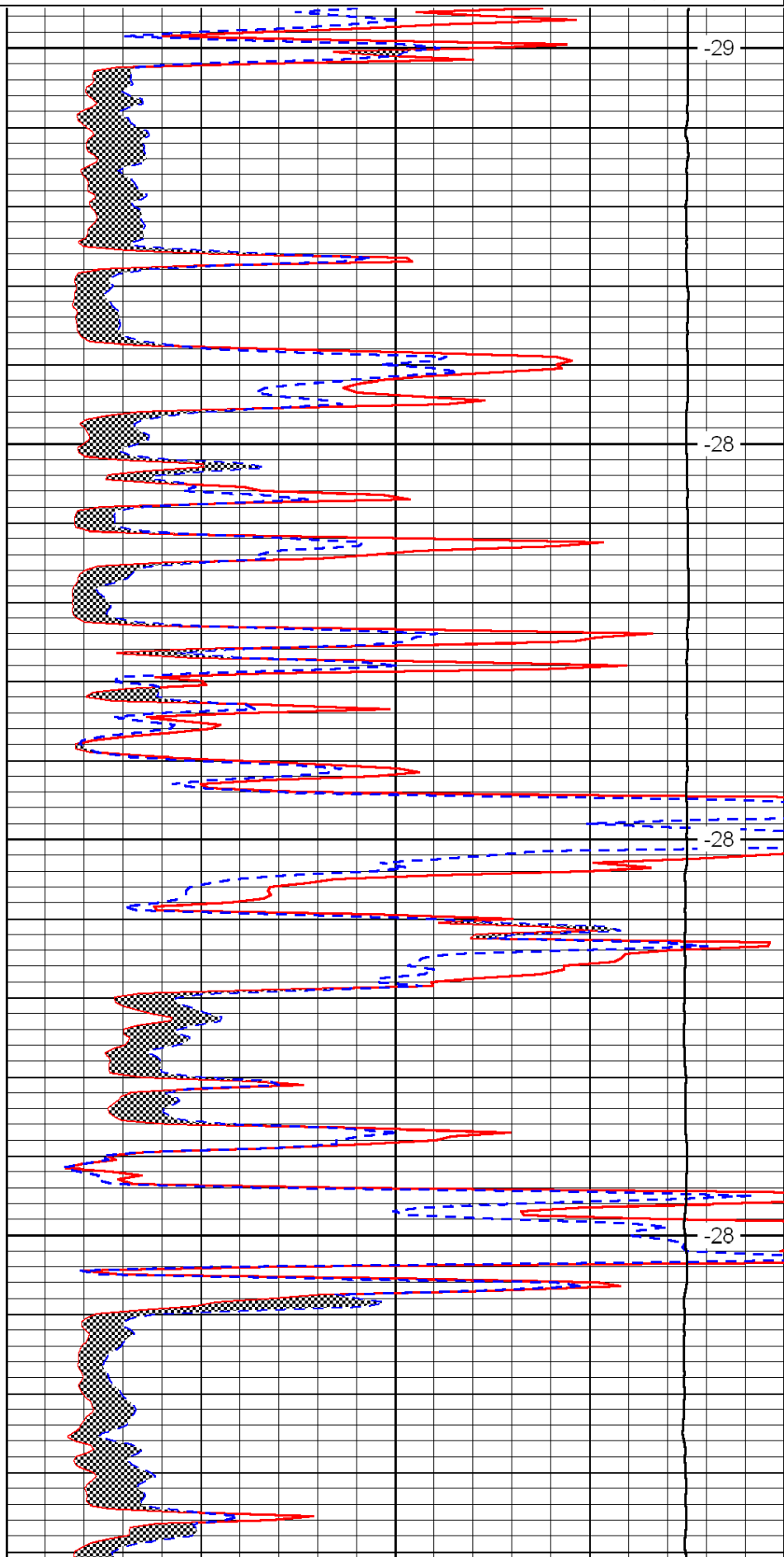
3500

3550

3600

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

LSPD

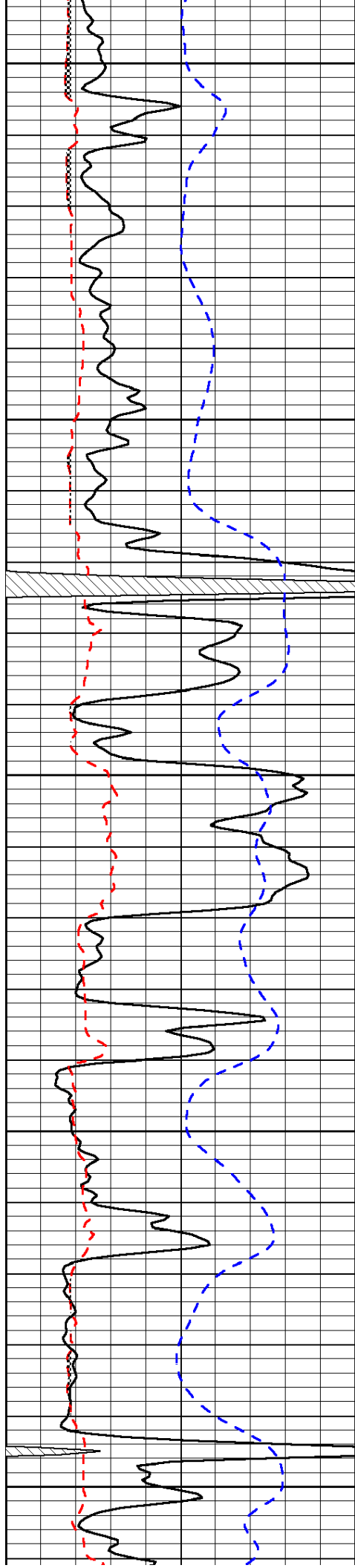


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-28

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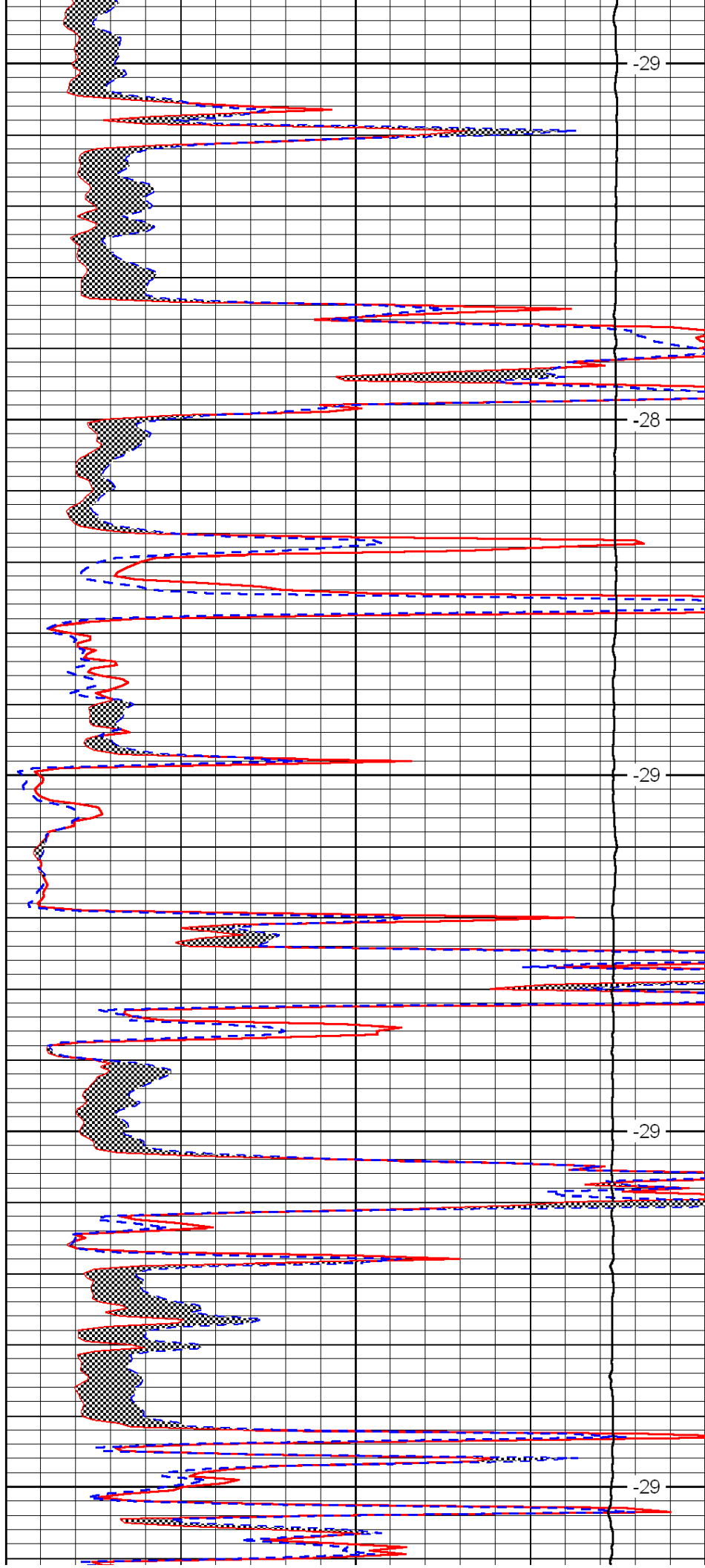
3650

3700

3750

3800

3850



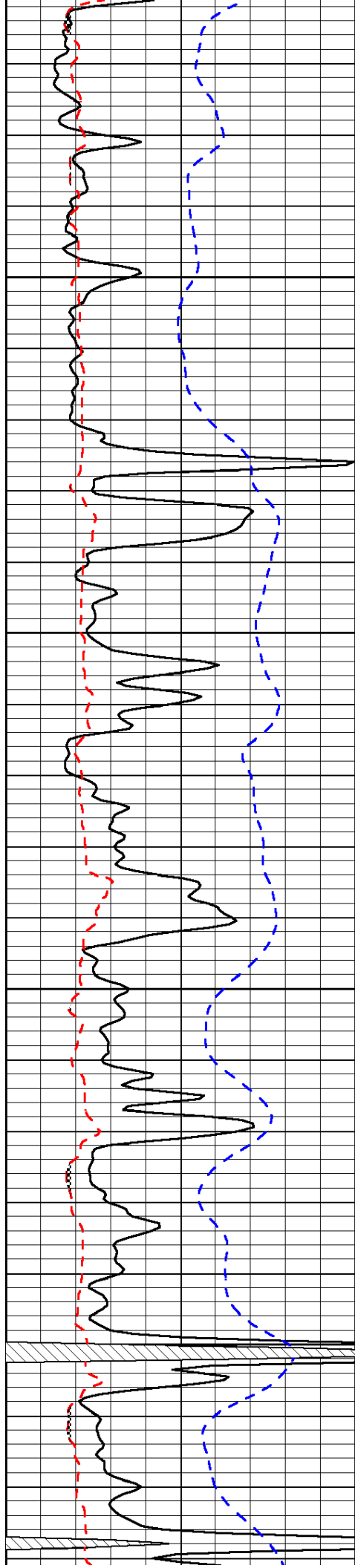
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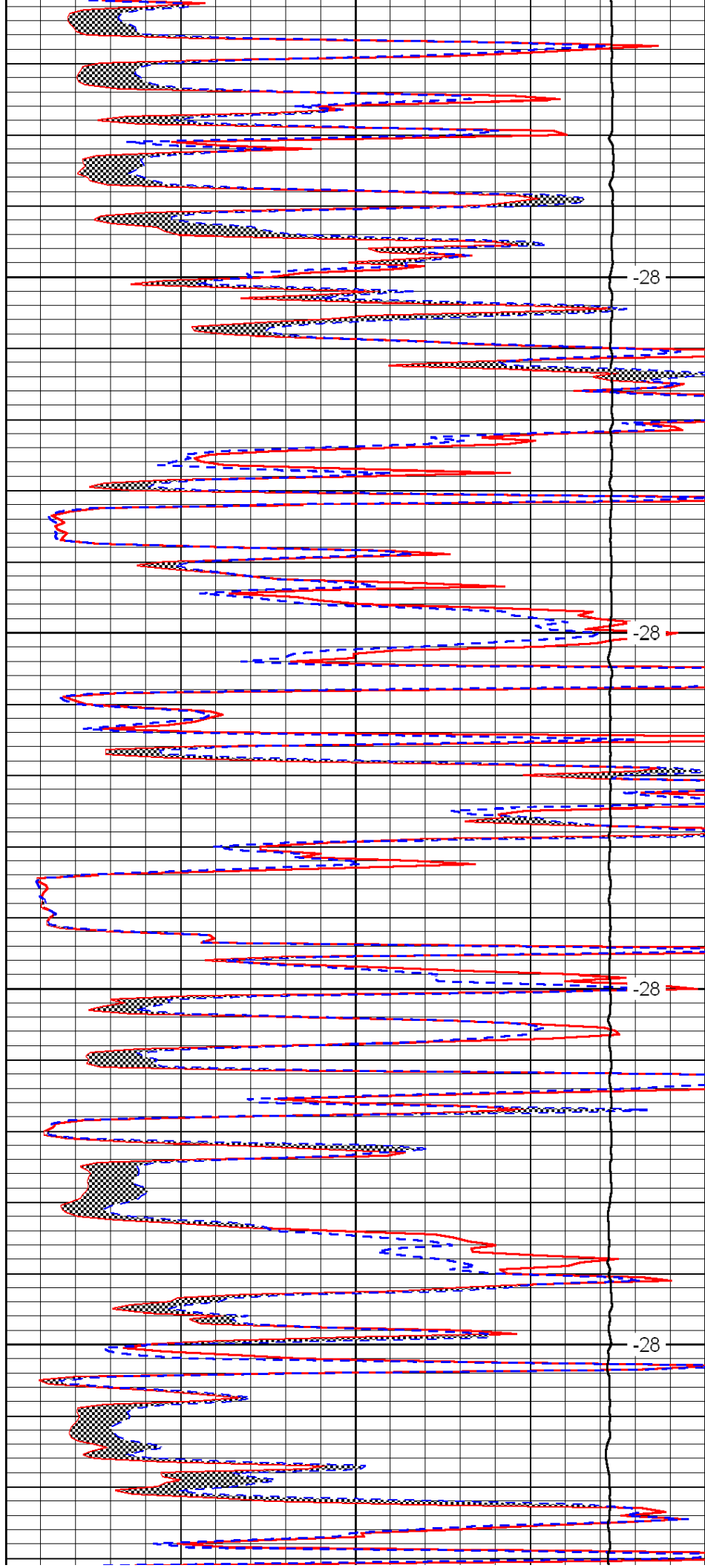


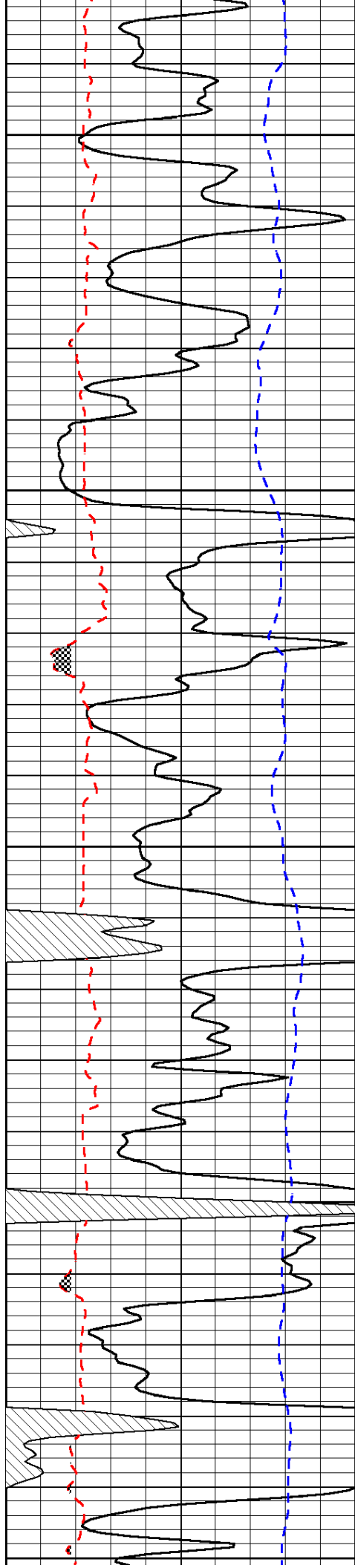
3900

3950

4000

4050





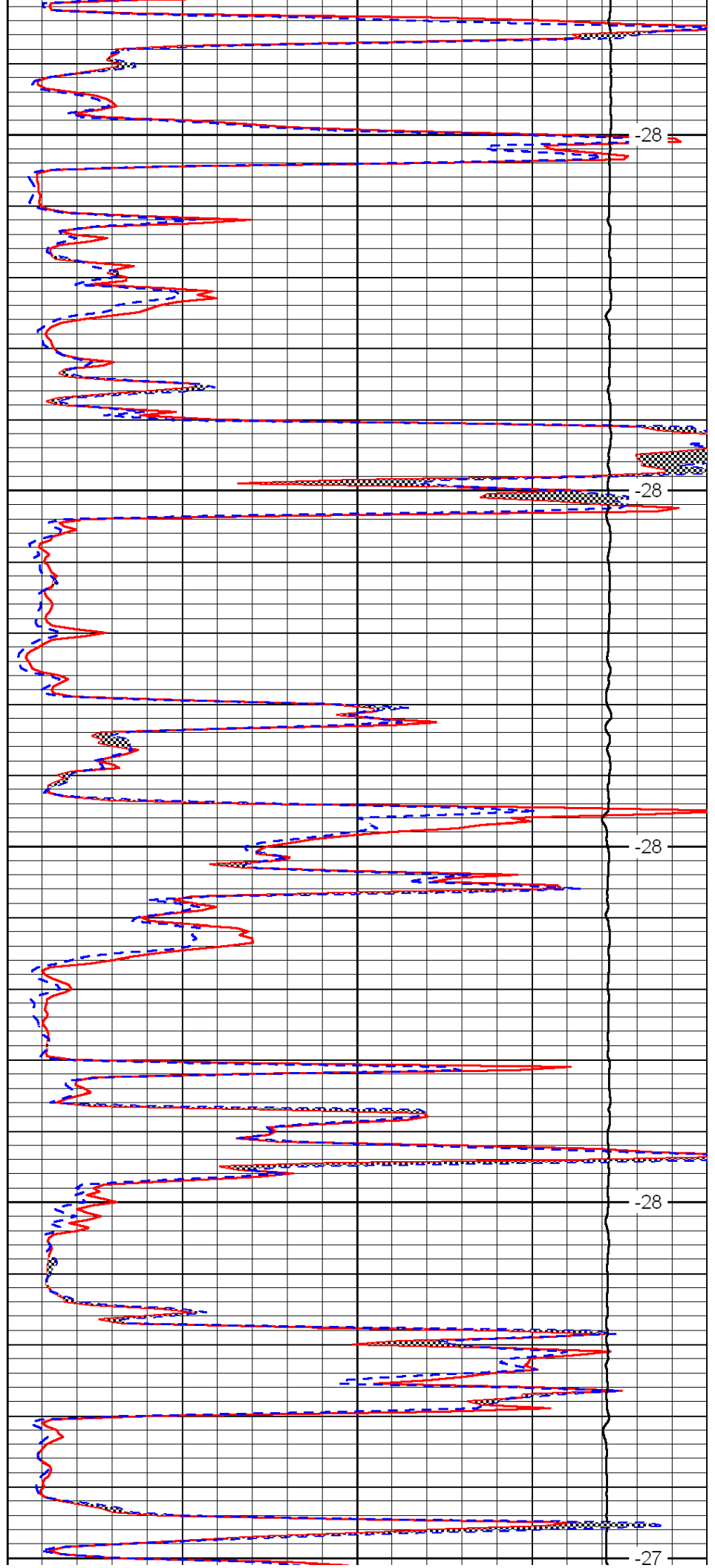
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4150

4200

4250

4300



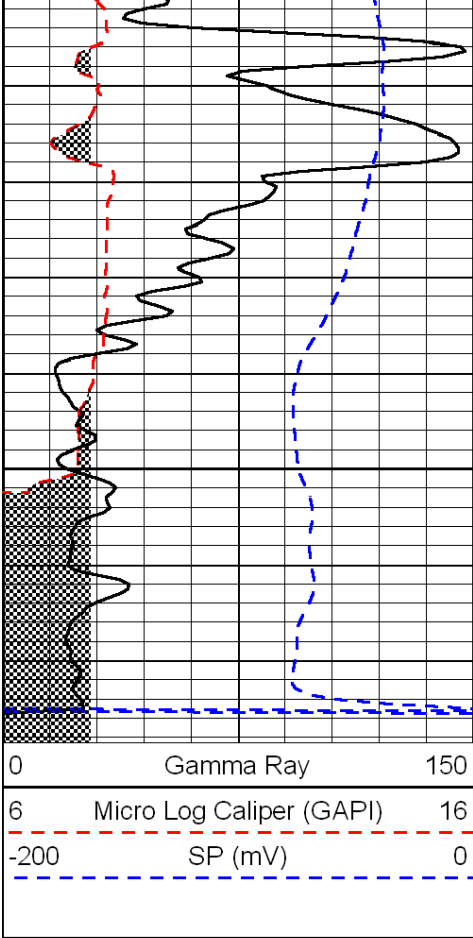
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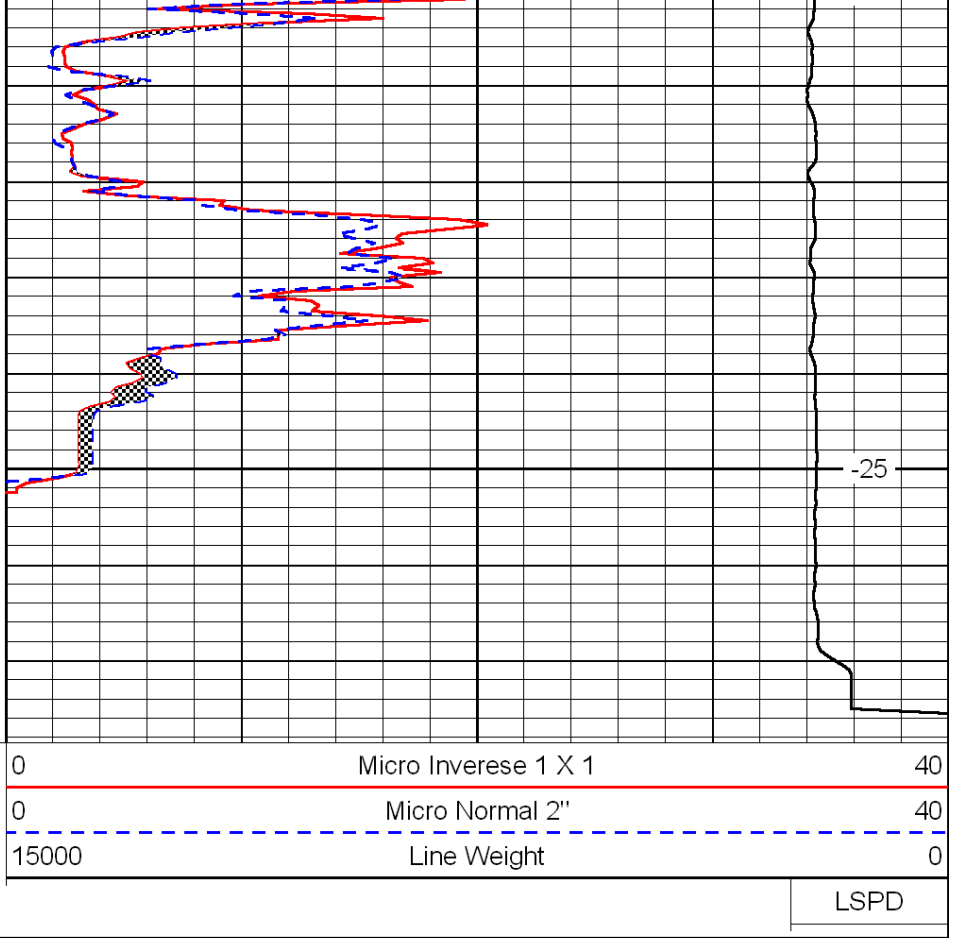
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4350



LSPD