



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	Company Murfin Drilling Company, Inc.				
	Well Joan No. 1-29				
	Field Wildcat				
	County	Graham	State	Kansas	
15-065-23,639-00-00	Location	1830' FSL & 1110' FEL			Other Services CNL/CDL DIL/BHCS
	Sec: 29	Twp: 10S	Rge: 21W	Elevation	
Permanent Datum	Ground Level	Elevation 2184		K.B.	2189
Log Measured From	Kelly Bushing	5	Ft. Above Perm. Datum	D.F.	2184
Drilling Measured From	Kelly Bushing	G.L. 2184			
Date	05/05/2010				
Run Number	Two				
Depth Driller	3900				
Depth Logger	3902				
Bottom Logged Interval	3901				
Top Log Interval	3100				
Casing Driller	8.625 @ 220				
Casing Logger	219				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	6.000				
Density / Viscosity	9.0	48			
pH / Fluid Loss	11.0	7.6			
Source of Sample	Flowline				
Rm @ Meas. Temp	.95 @ 66				
Rmf @ Meas. Temp	.71 @ 66				
Rmc @ Meas. Temp	1.28 @ 66				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.54 @ 117				
Operating Rig Time	5 Hours				
Max Rec. Temp. F	117				
Equipment Number	17				
Location	Hays				
Recorded By	Mike Garrison				
Witnessed By	Paul Gunzelman				

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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.

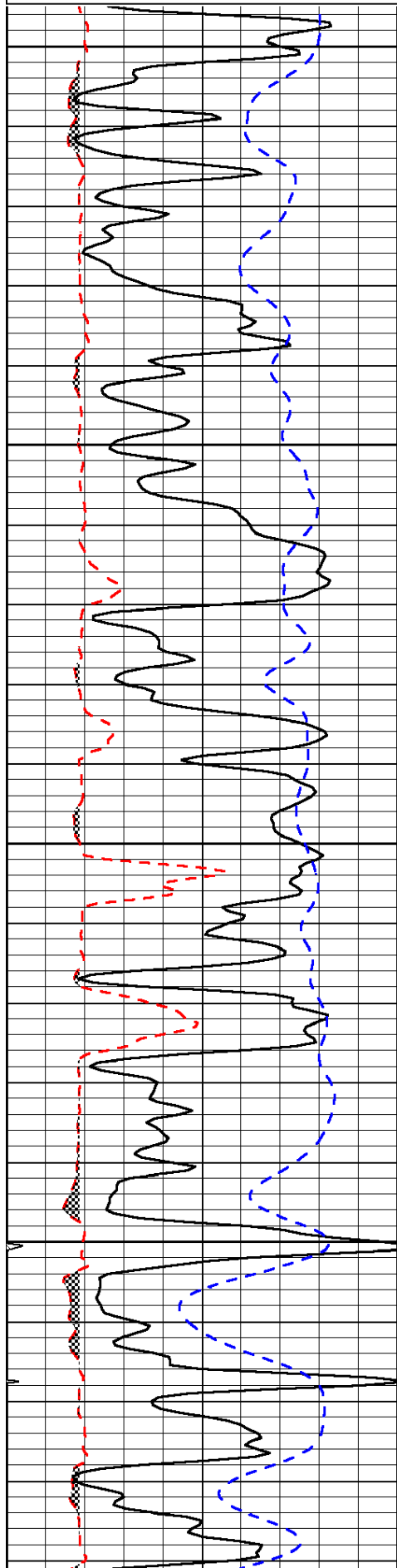
Comments

Thank you for using Log-Tech, Inc.
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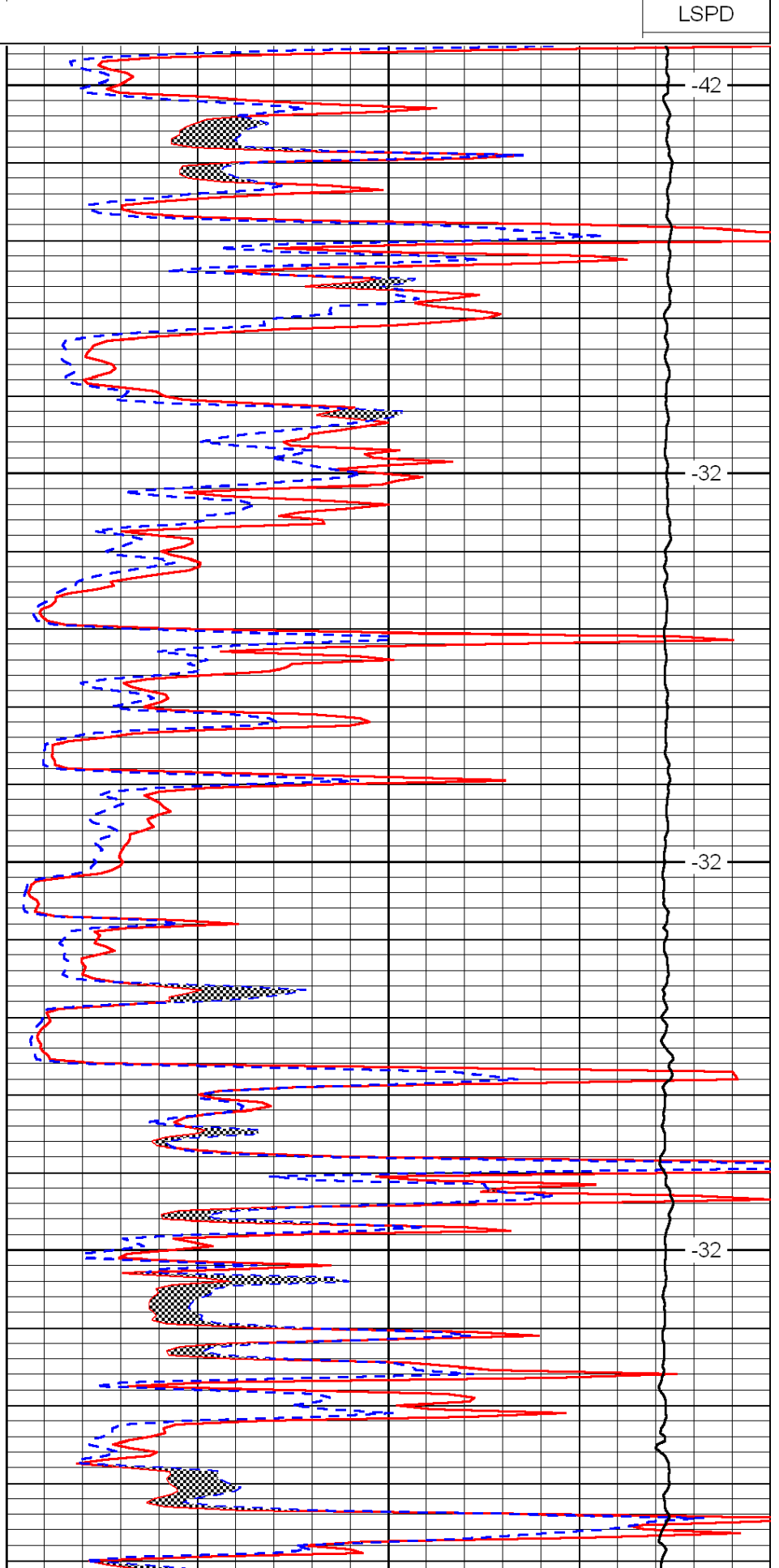
Riga, North to Dead End (A RD) 1 3/4 West to 360th RD, 1 1/4 North, West Into

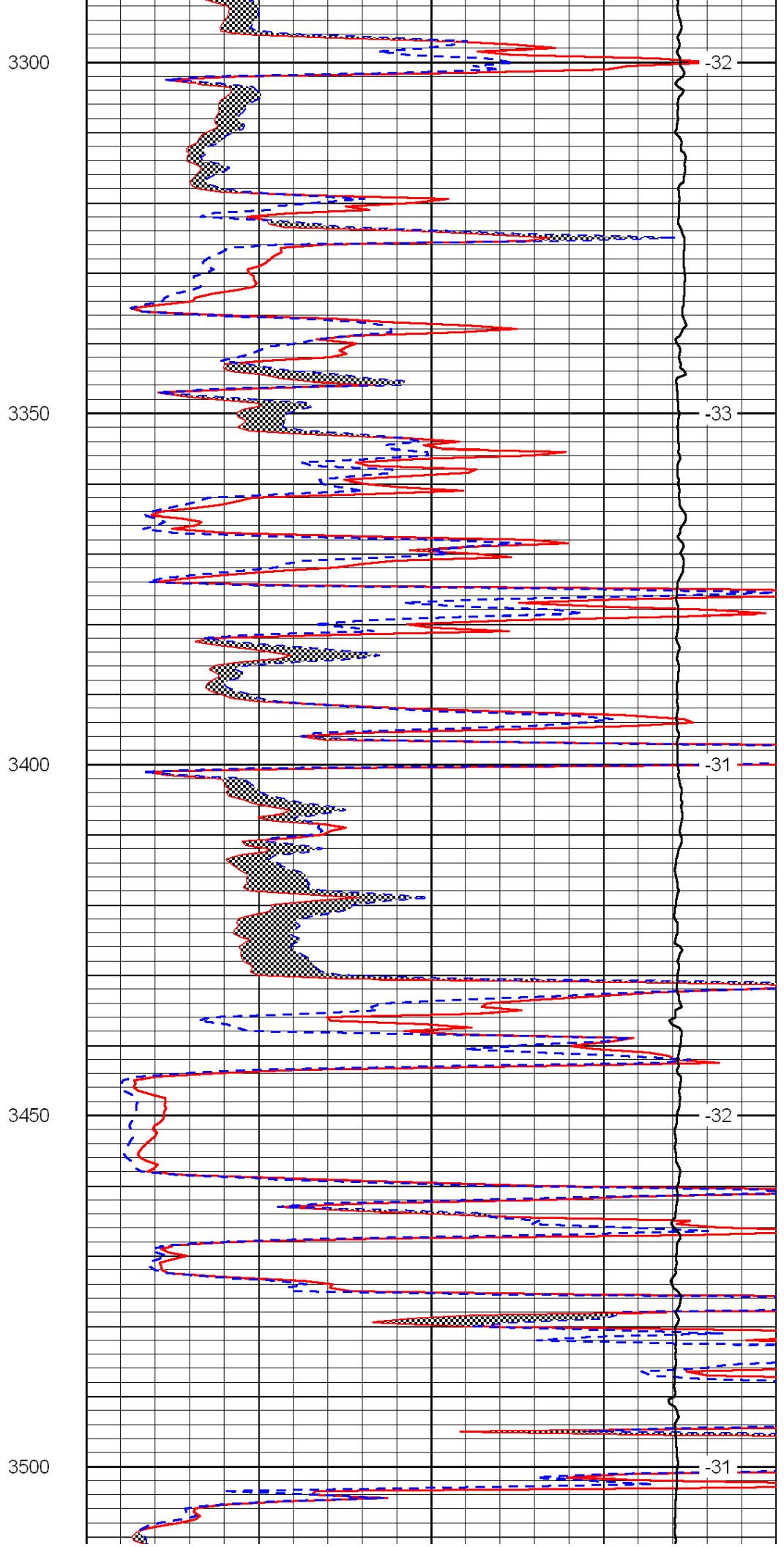
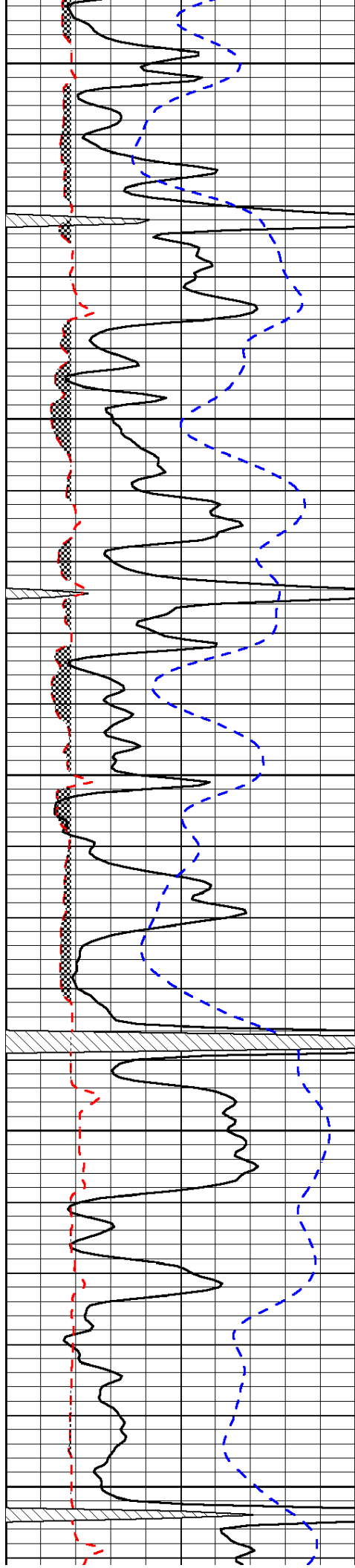
Database File: c:\warrior\data\murfin_joan no. 1-29\murfhd.db
Dataset Pathname: dil\murfstck
Presentation Format: micro
Dataset Creation: Wed May 05 06:40:42 2010
Charted by: Depth in Feet scaled 1:240

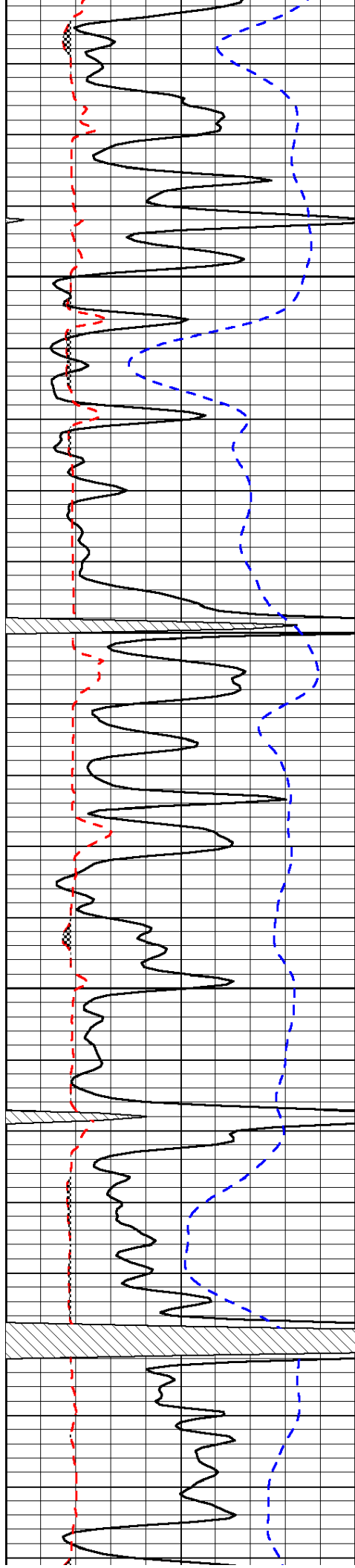
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



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





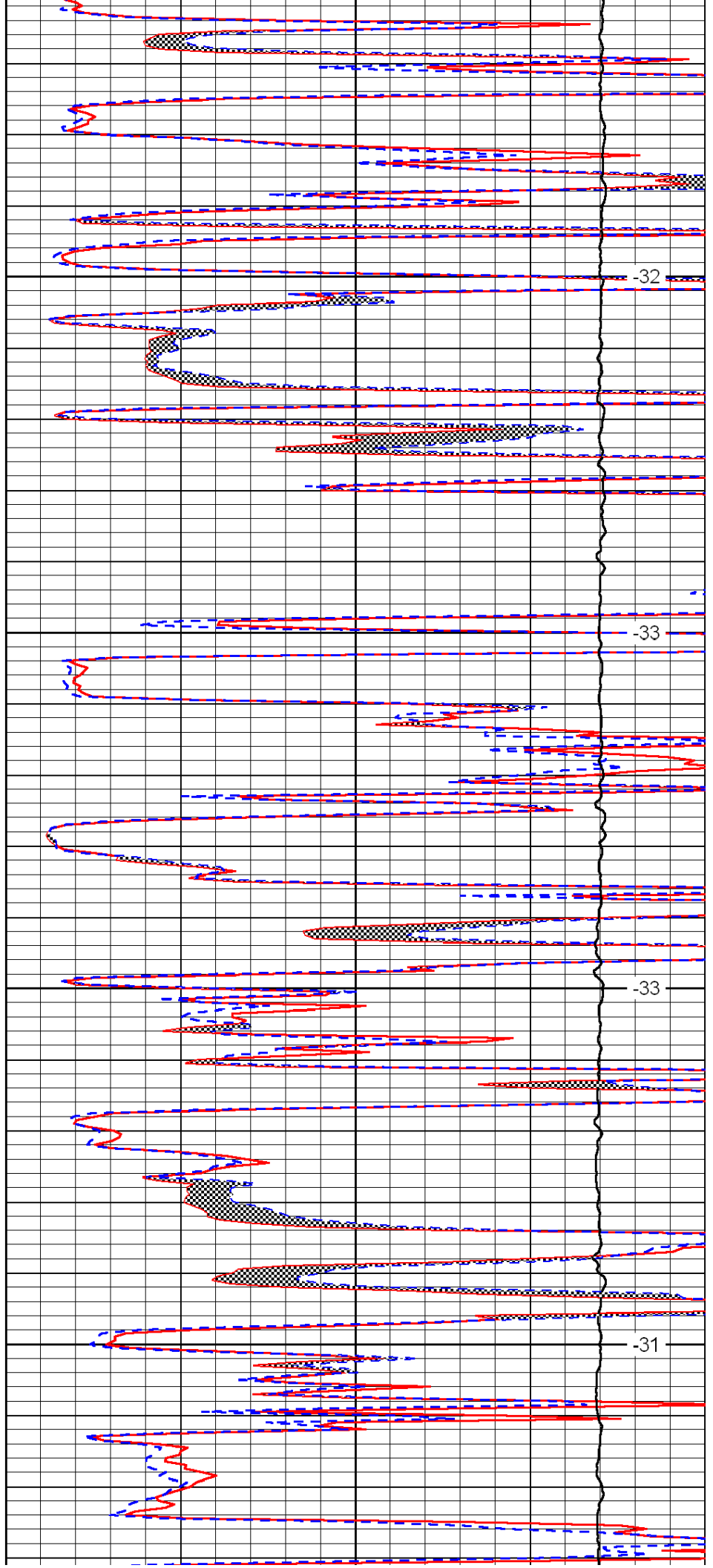


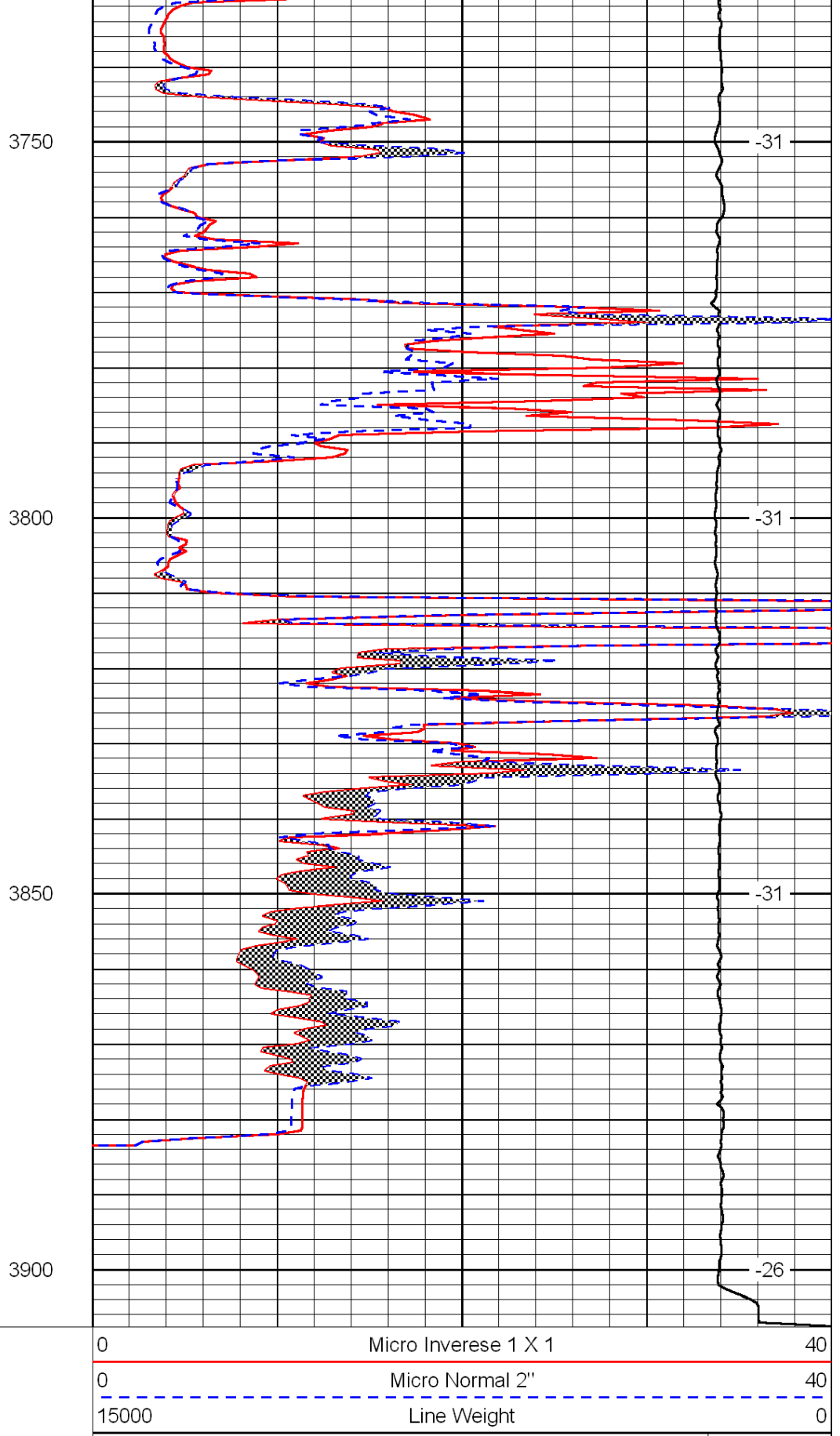
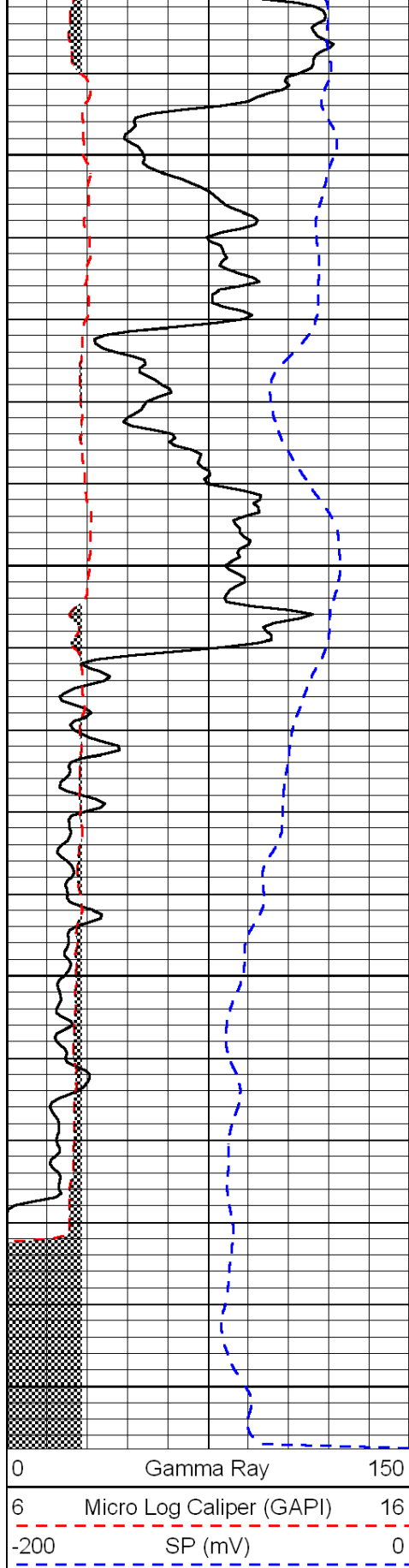
3550

3600

3650

3700





LSPD