

LOG-TECH



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No. 15-109-20,834-00-00		Company Murfin Drilling Company, Inc. Well Badger Blagg Unit #1-36 Field Wildcat County Logan State Kansas	
Location NE NW SW NE 1550' FNL & 2170' FWL Sec: 36 Twp: 12S Rge: 33W		Other Services CNL / CDL DIL / BHCS	
Permanent Datum Log Measured From Drilling Measured From	Ground Level Kelly Bushing Frotkelly Bushing	Elevation 3093 10 Ft. Above Perm. Datum K.B. 3103 D.F. 3093 G.L. 3093	
Date	3/15/2008		
Run Number	Two		
Depth Driller	4770		
Depth Logger	4771		
Bottom Logged Interval	4770		
Top Log Interval	3700		
Casing Driller	8.625 @ 224		
Casing Logger	222		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	6,700		
Density / Viscosity	9.1 61		
pH / Fluid Loss	11.0 6.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	.85 @ 66		
Rmf @ Meas. Temp	.64 @ 66		
Rmc @ Meas. Temp	1.15 @ 66		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.45 @ 124		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	124		
Equipment Number	17		
Location	Hays		
Recorded By	T. Martin		
Witnessed By	Tom Funk		

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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

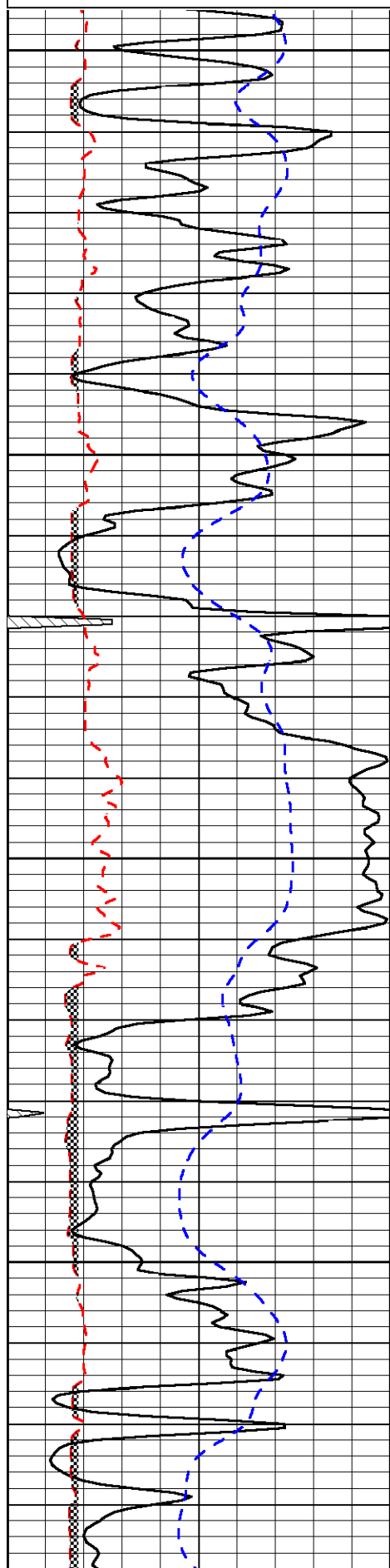
Oakley, 10 S to Ute Rd, 4 W, 1 1/2 S, W into

Database File: c:\warrior\data\murfin_badger-blagg unit #1-36\mfnhd.db
 Dataset Pathname: dil/mfnstk
 Presentation Format: micro
 Dataset Creation: Sun Mar 15 15:44:36 2009
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (in)	16
-200	SP (MV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD
(ft/min)

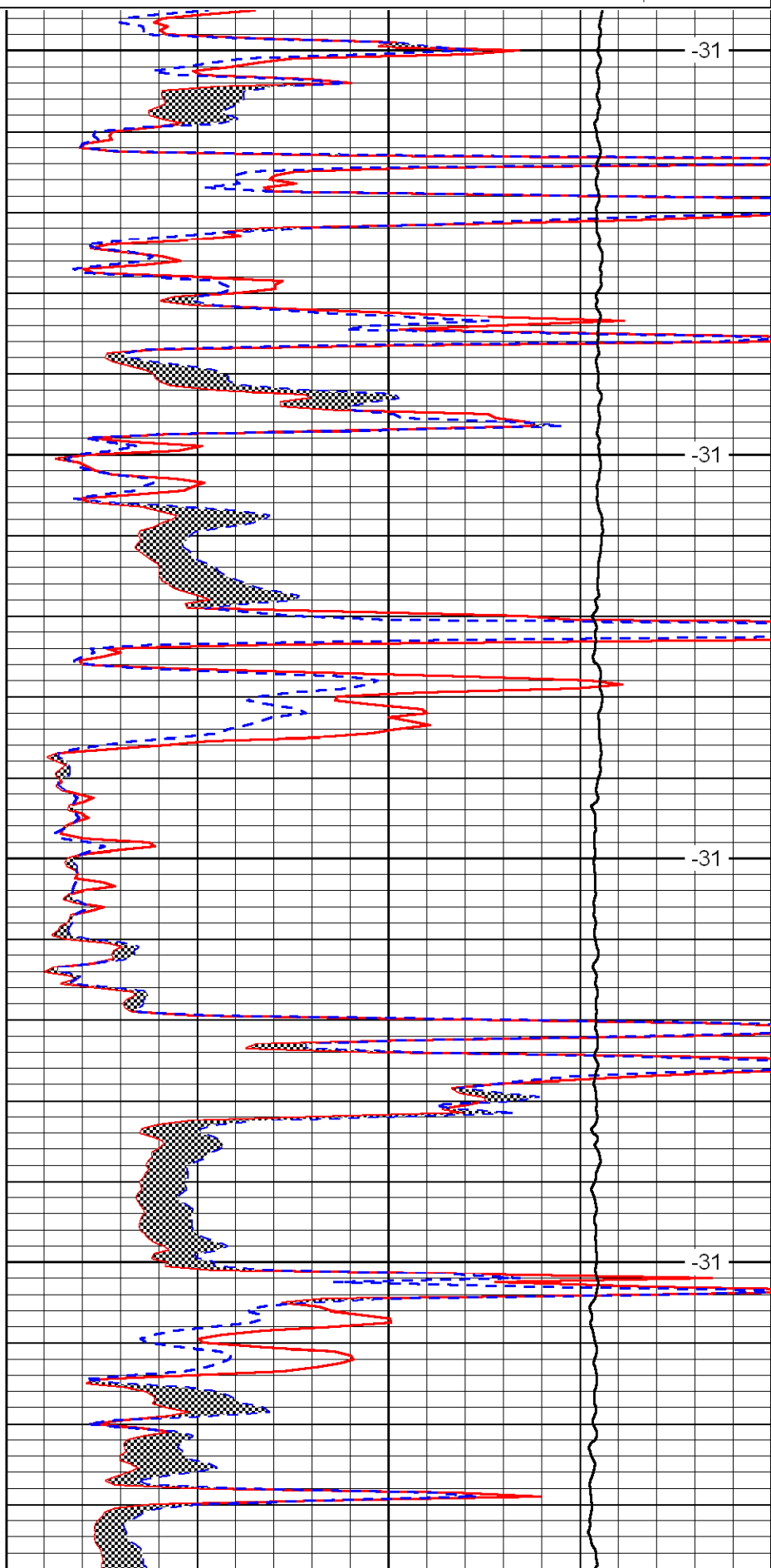


3700

3750

3800

3850

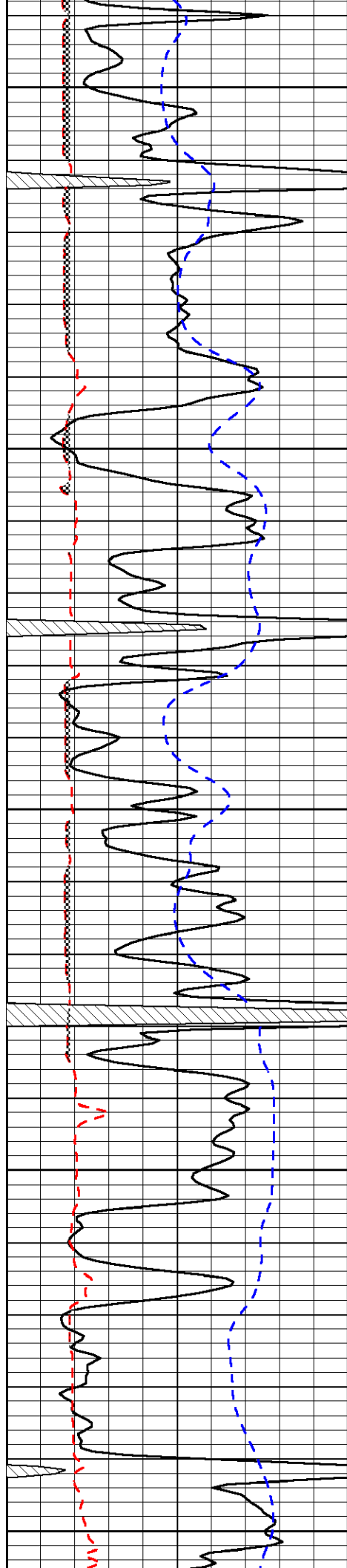


-31

-31

-31

-31



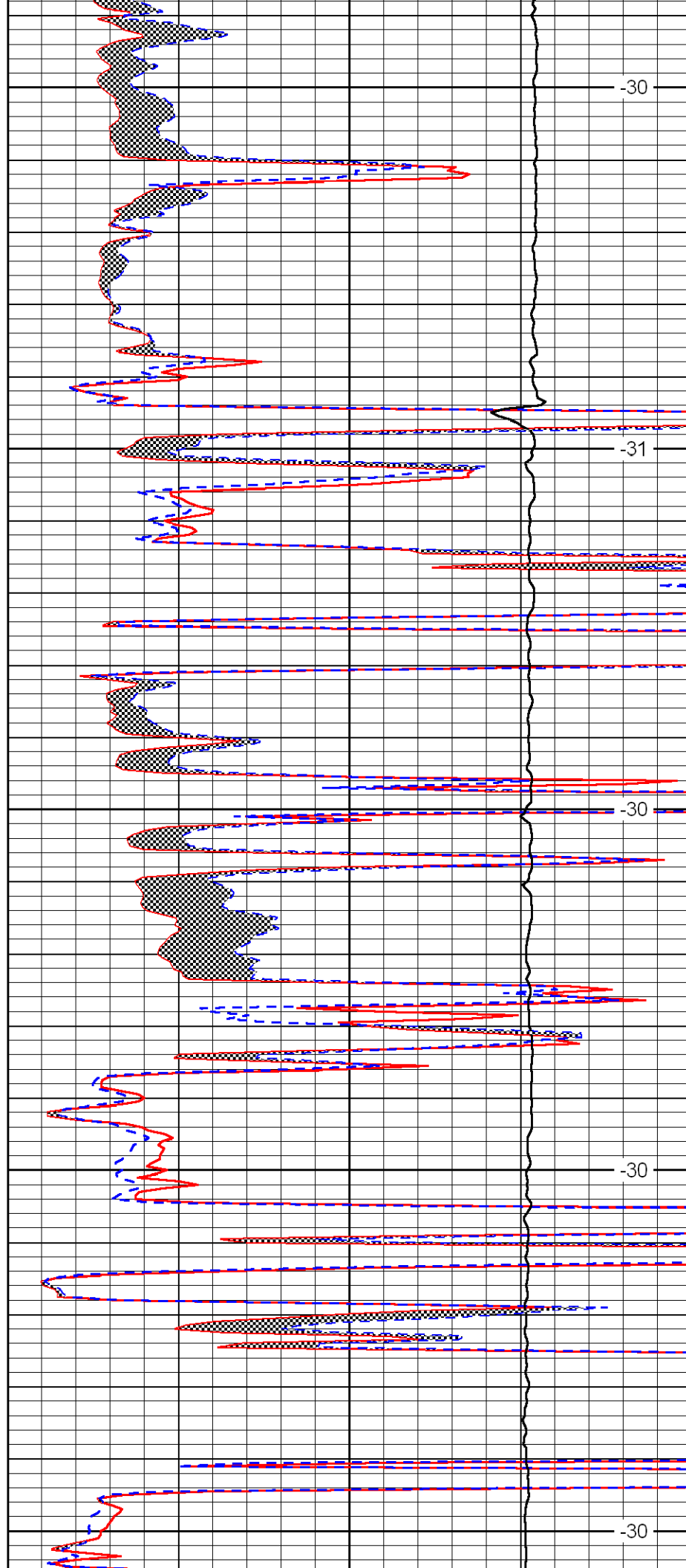
3900

3950

4000

4050

4100



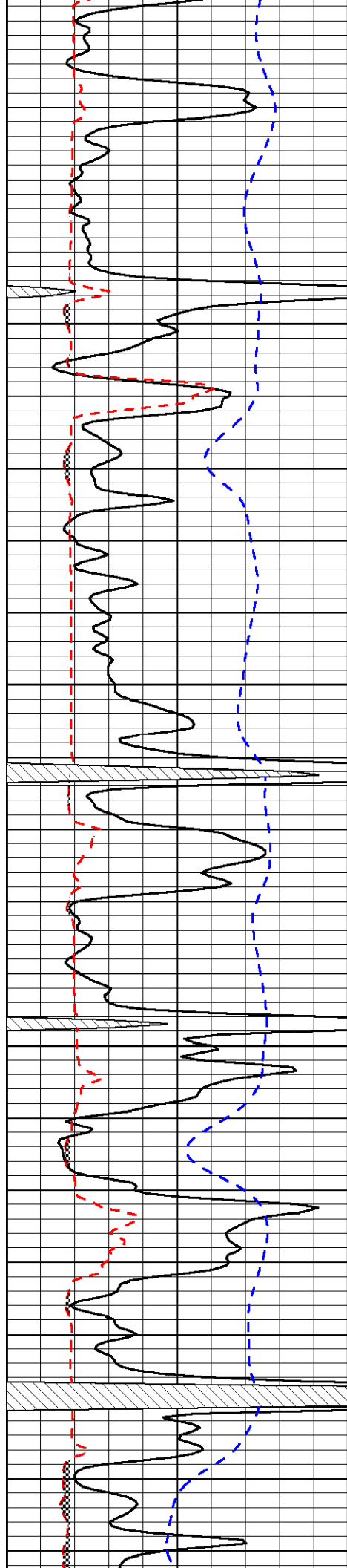
-30

-31

-30

-30

-30

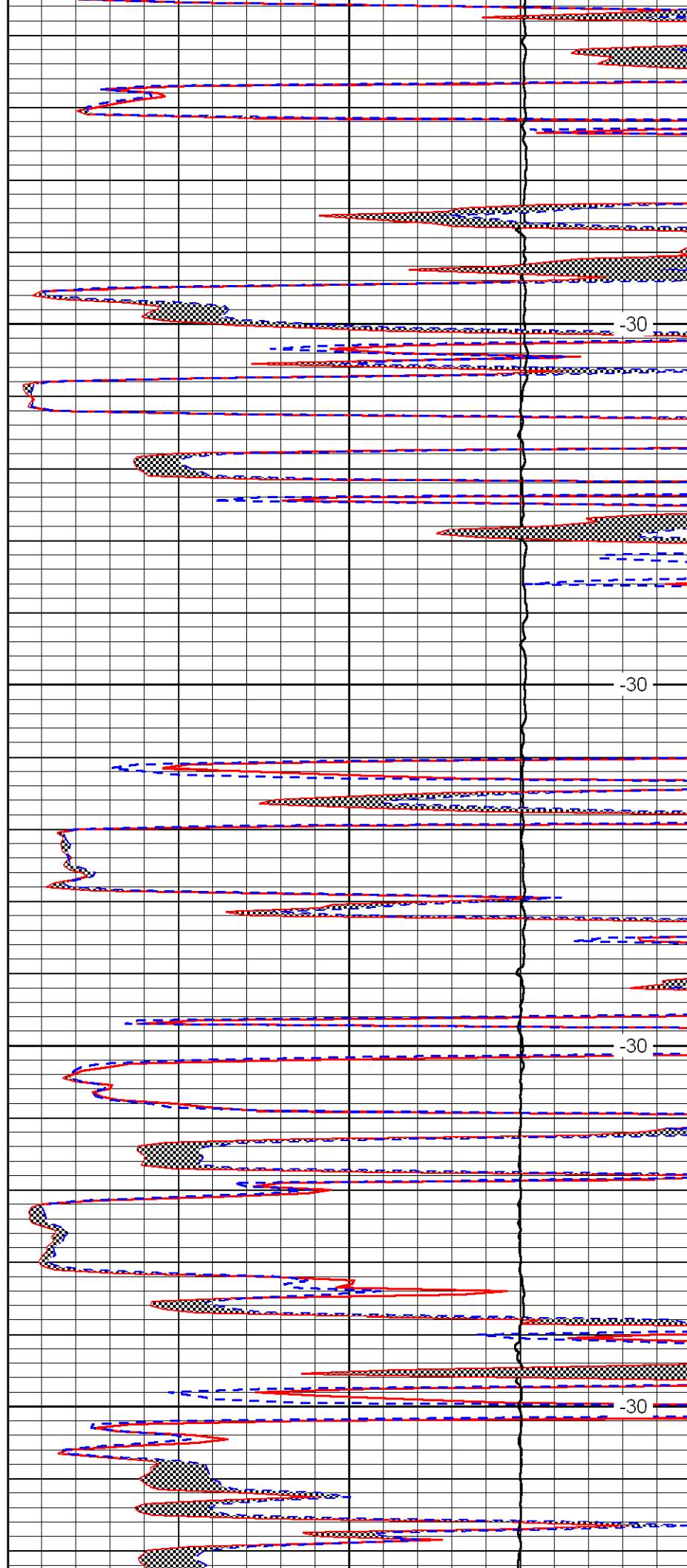


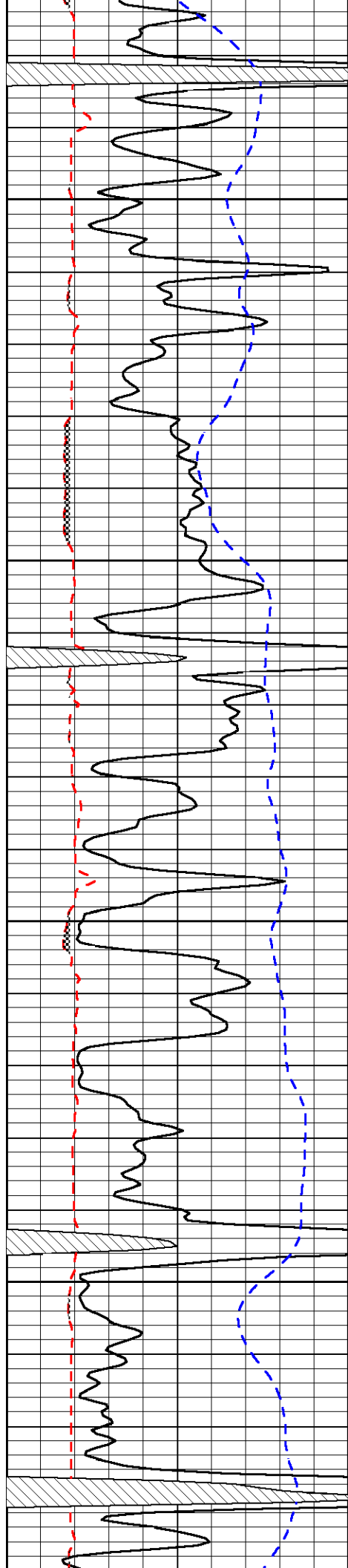
4150

4200

4250

4300



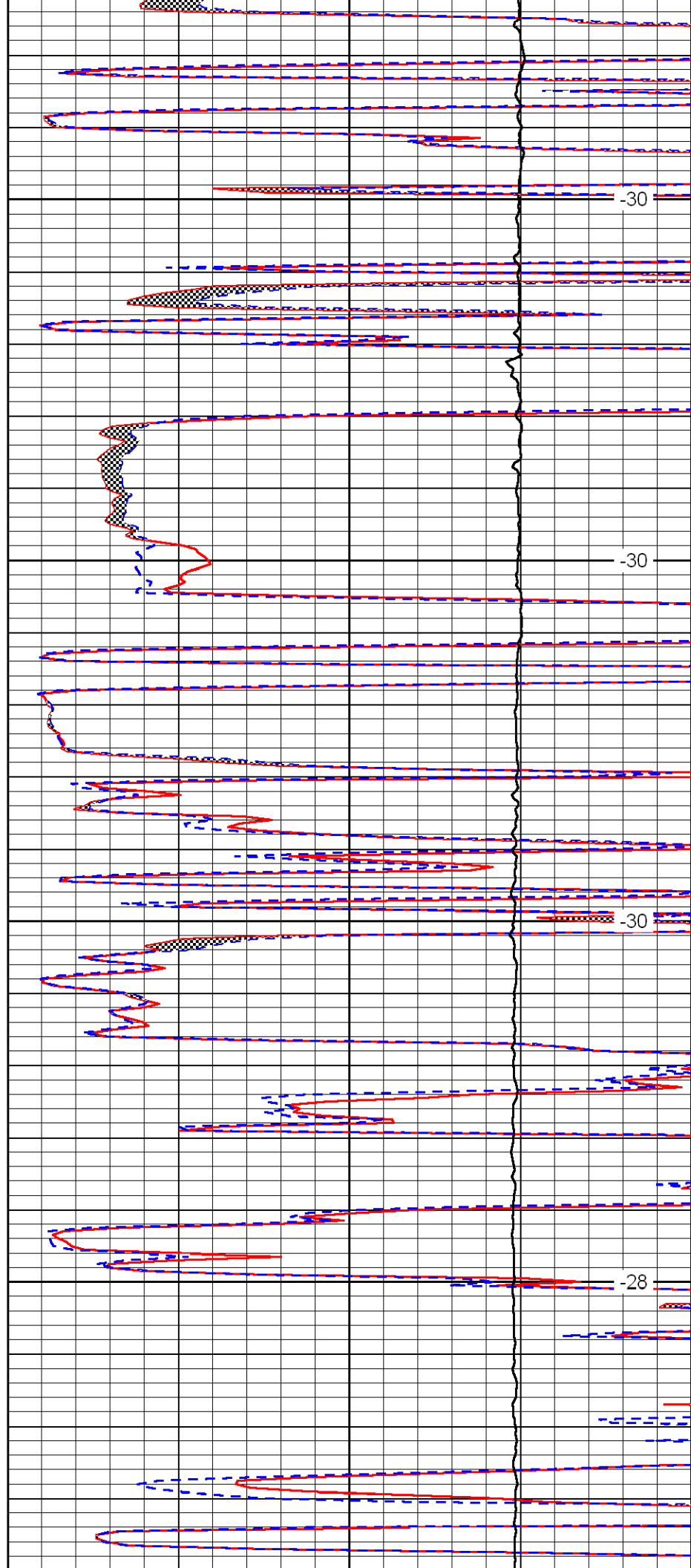


4350

4400

4450

4500

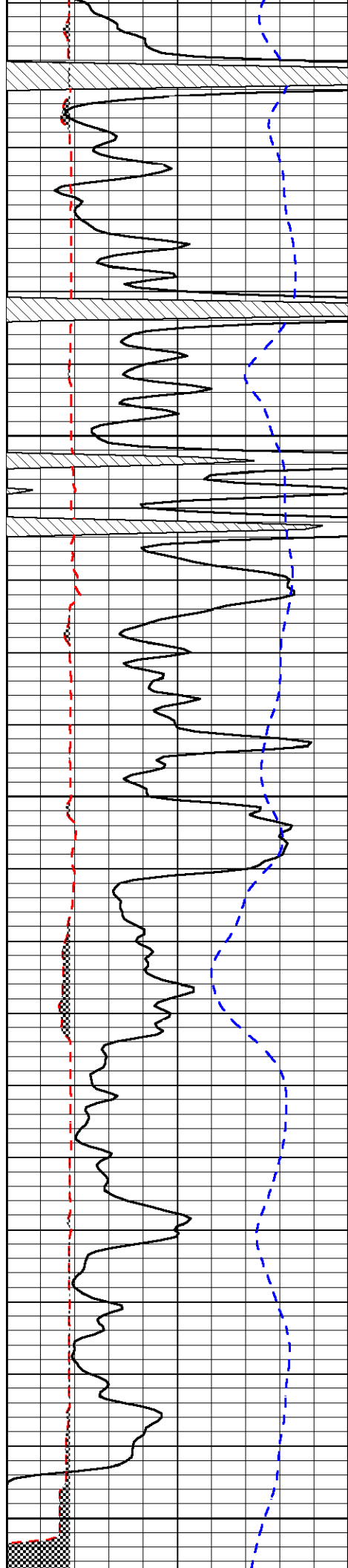


-30

-30

-30

-28



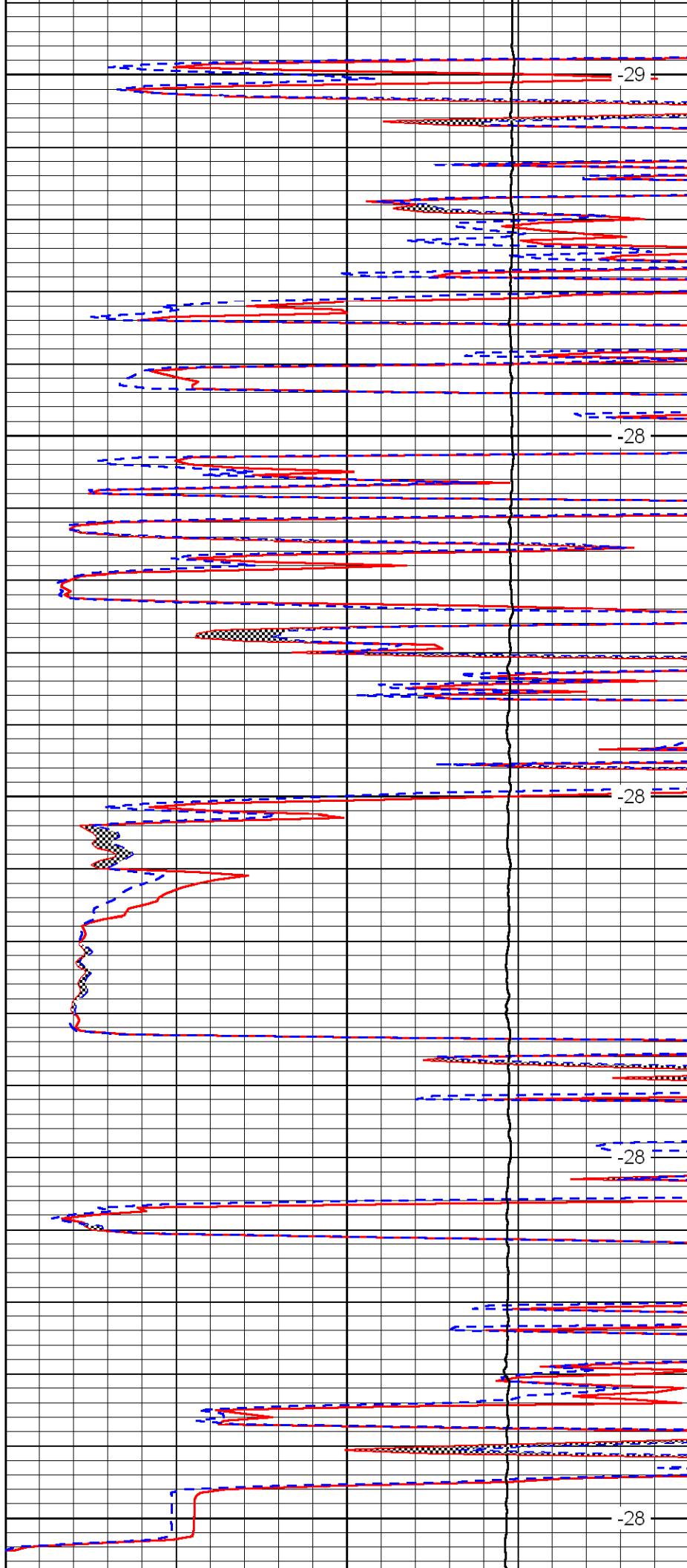
4550

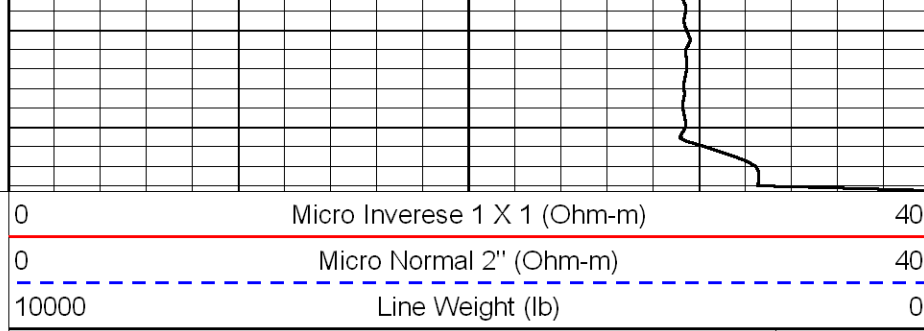
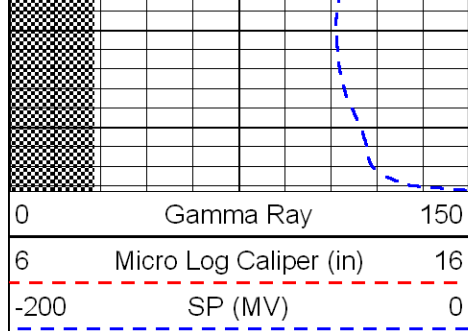
4600

4650

4700

4750





LSPD
(ft/min)