



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	15-193-20792-00-00		
Company	Murfin Drilling Company, Inc.		
Well	Steele "A" #1-20		
Field	Wildcat		
County	Thomas	State	Kansas
Location	1760' FNL / 1450' FEL		
Sec: 20	Twp: 10S	Rge: 34W	Other Services CNL / CDL DIL / BHCS
Permament Datum	Ground Level	Elevation 3233	Elevation
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	K.B. 3238
Drilling Measured From	Kelly Bushing		D.F. 3233
			G.L. 3233

Date	4/16/2011		
Run Number	Two		
Depth Driller	4845		
Depth Logger	4845		
Bottom Logged Interval	4844		
Top Log Interval	3800		
Casing Driller	8.625 @ 246		
Casing Logger	243		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	8000		
Density / Viscosity	9.0 50		
pH / Fluid Loss	11.5 6.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.44 @ 50		
Rmf @ Meas. Temp	0.33 @ 50		
Rmc @ Meas. Temp	0.59 @ 50		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.17 @ 126		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	126		
Equipment Number	17		
Location	Hays		
Recorded By	R. Barnhart		
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.

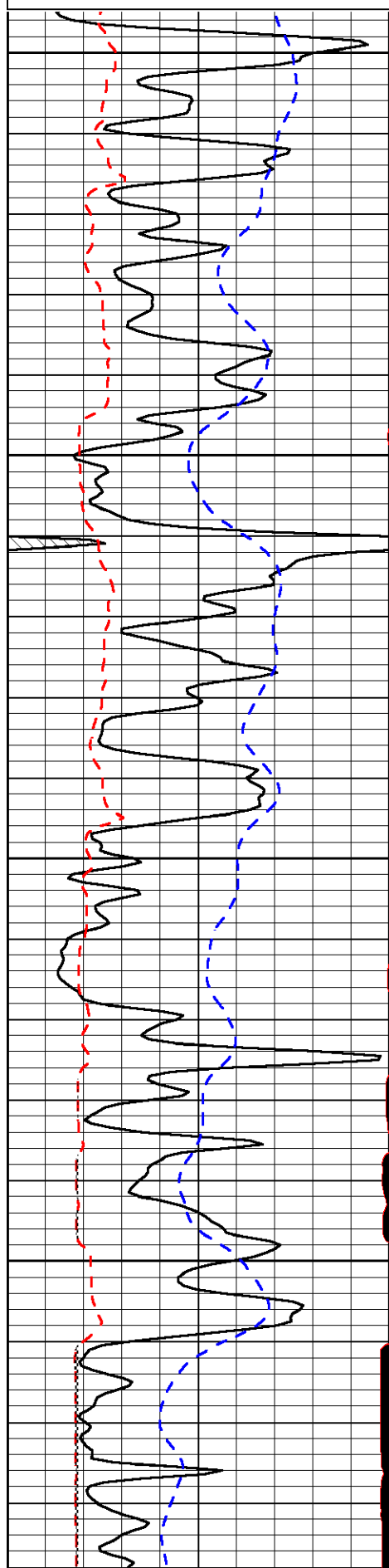
Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858

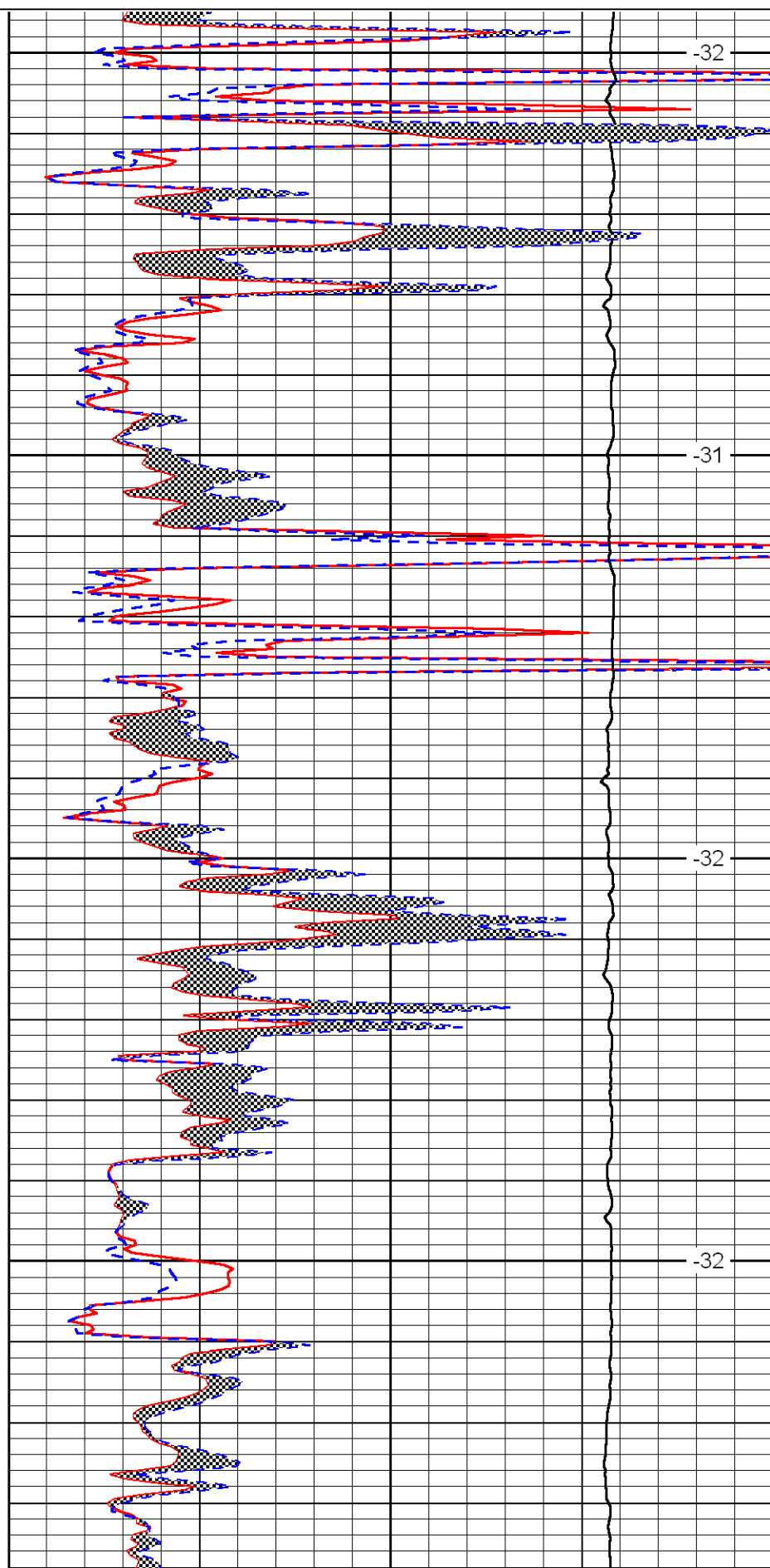
Monument, KS:
2W to Hwy 25, 5N to Rd. D,
4W to 15 Rd. 1/2S, W into

Database File: murfindil.db
Dataset Pathname: dil/murmain
Presentation Format: micro
Dataset Creation: Sat Apr 16 08:34:31 2011
Charted by: Depth in Feet scaled 1:240

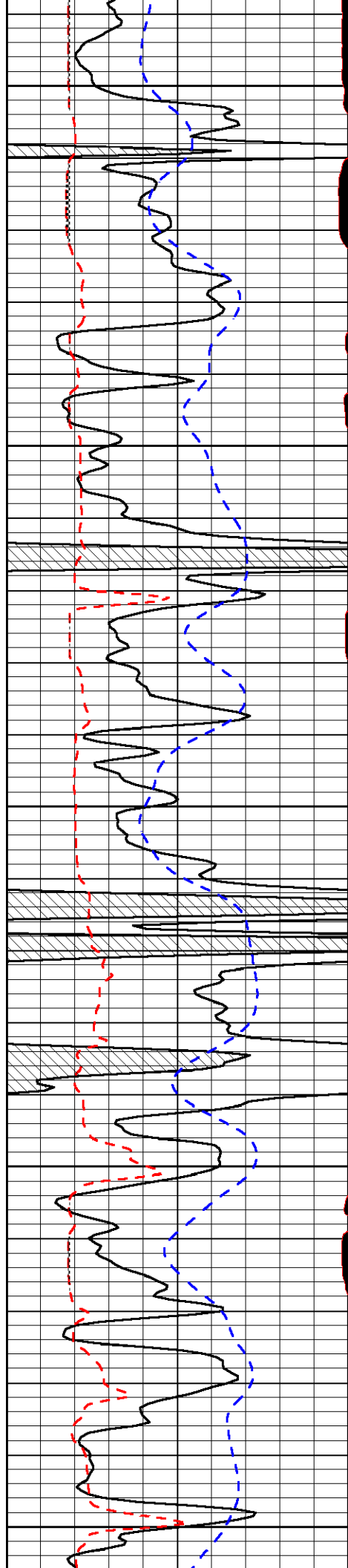
0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0



LSPD



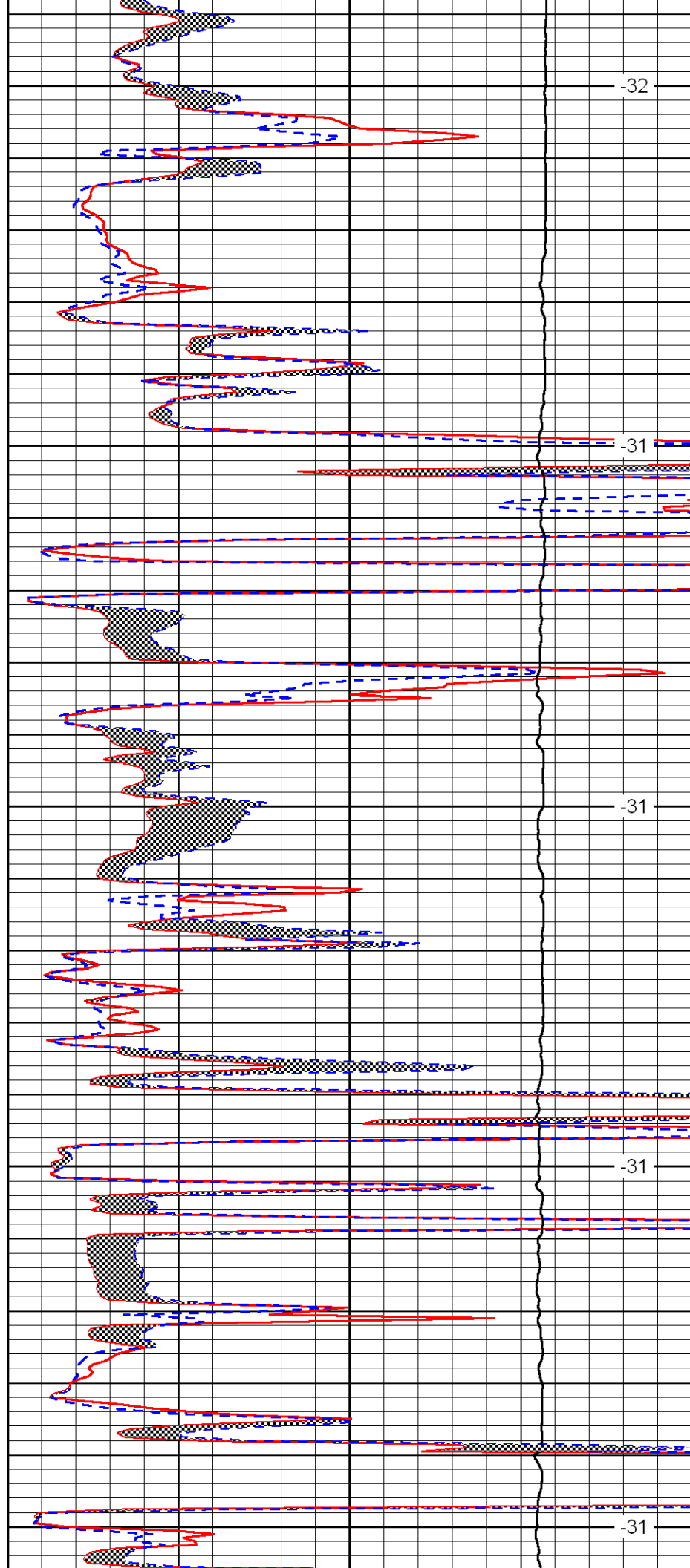
4000

4050

4100

4150

4200



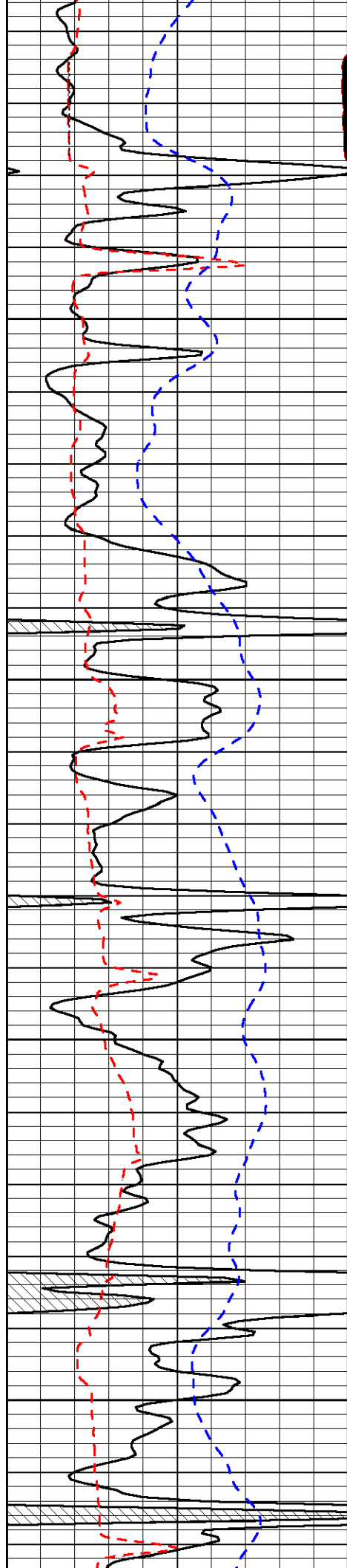
-32

-31

-31

-31

-31

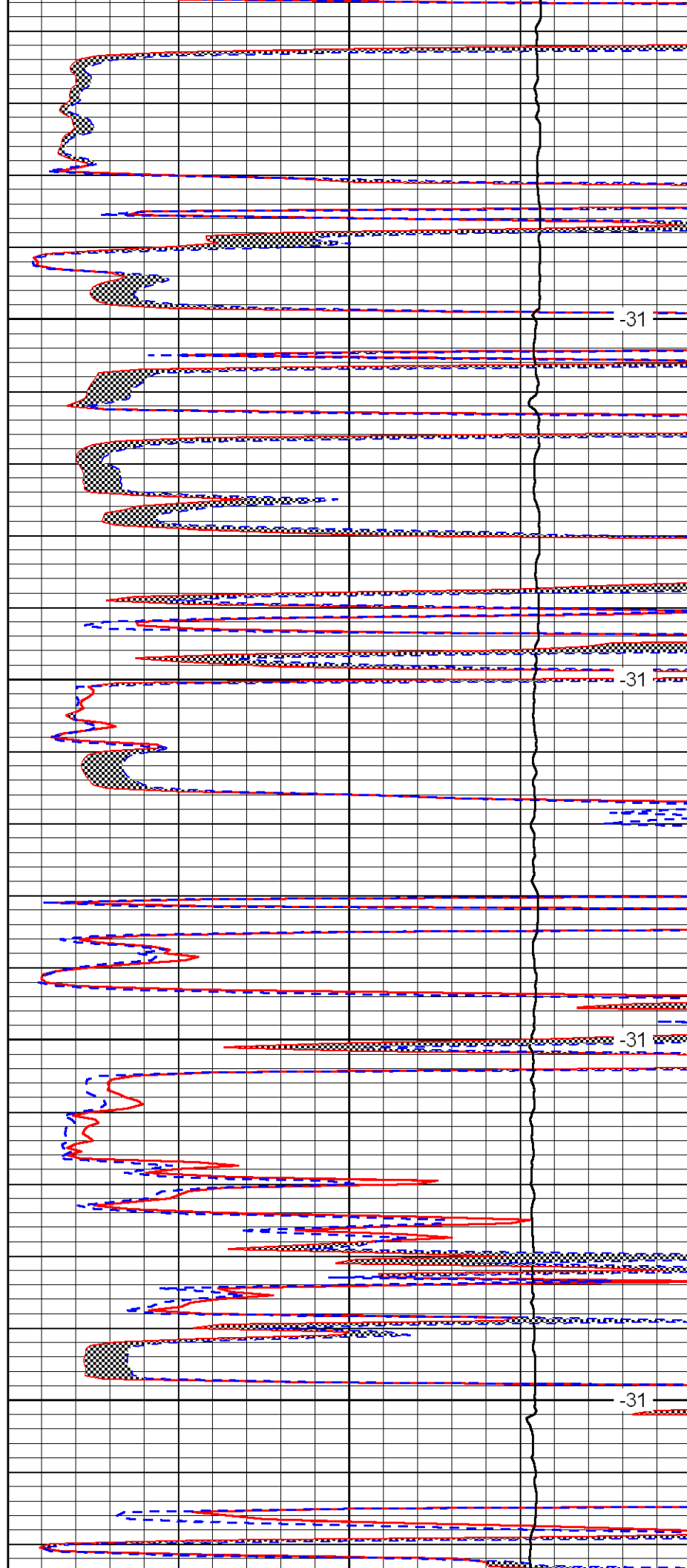


4250

4300

4350

4400

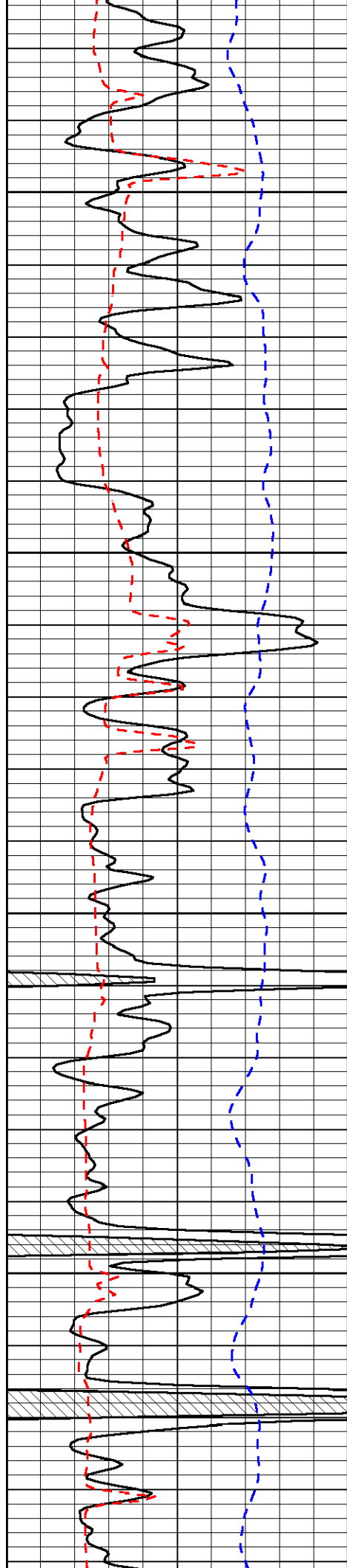


-31

-31

-31

-31

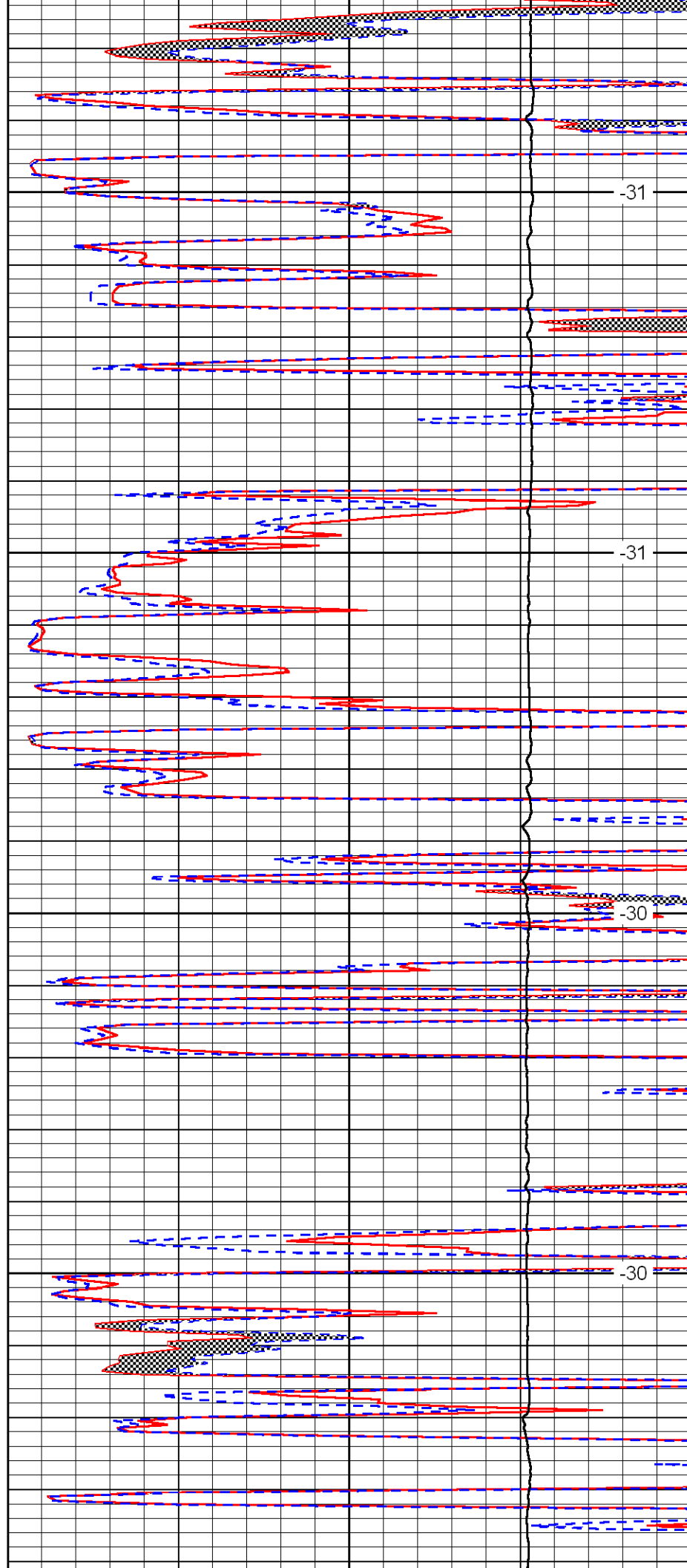


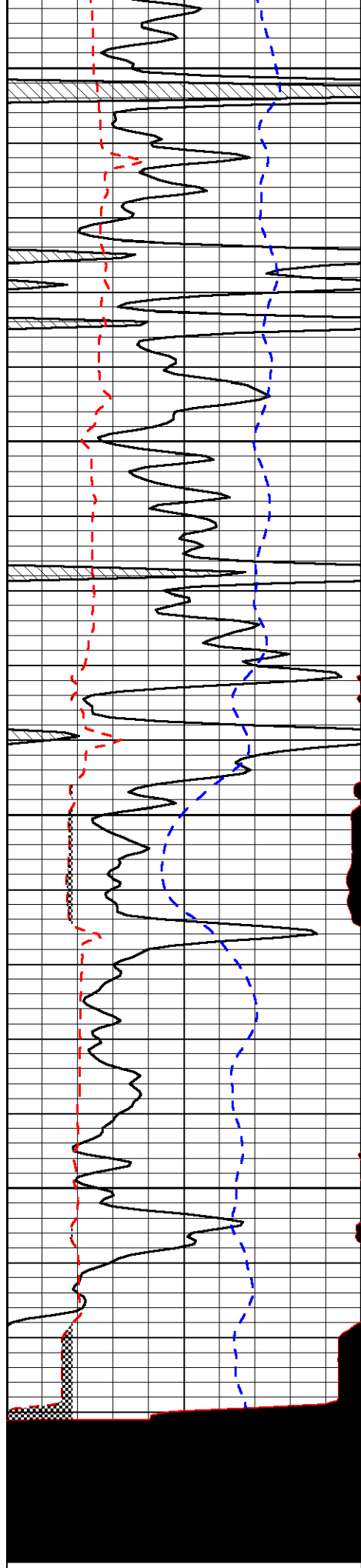
4450

4500

4550

4600





0	Gamma Ray	150
6	MCAL (GAPI)	16

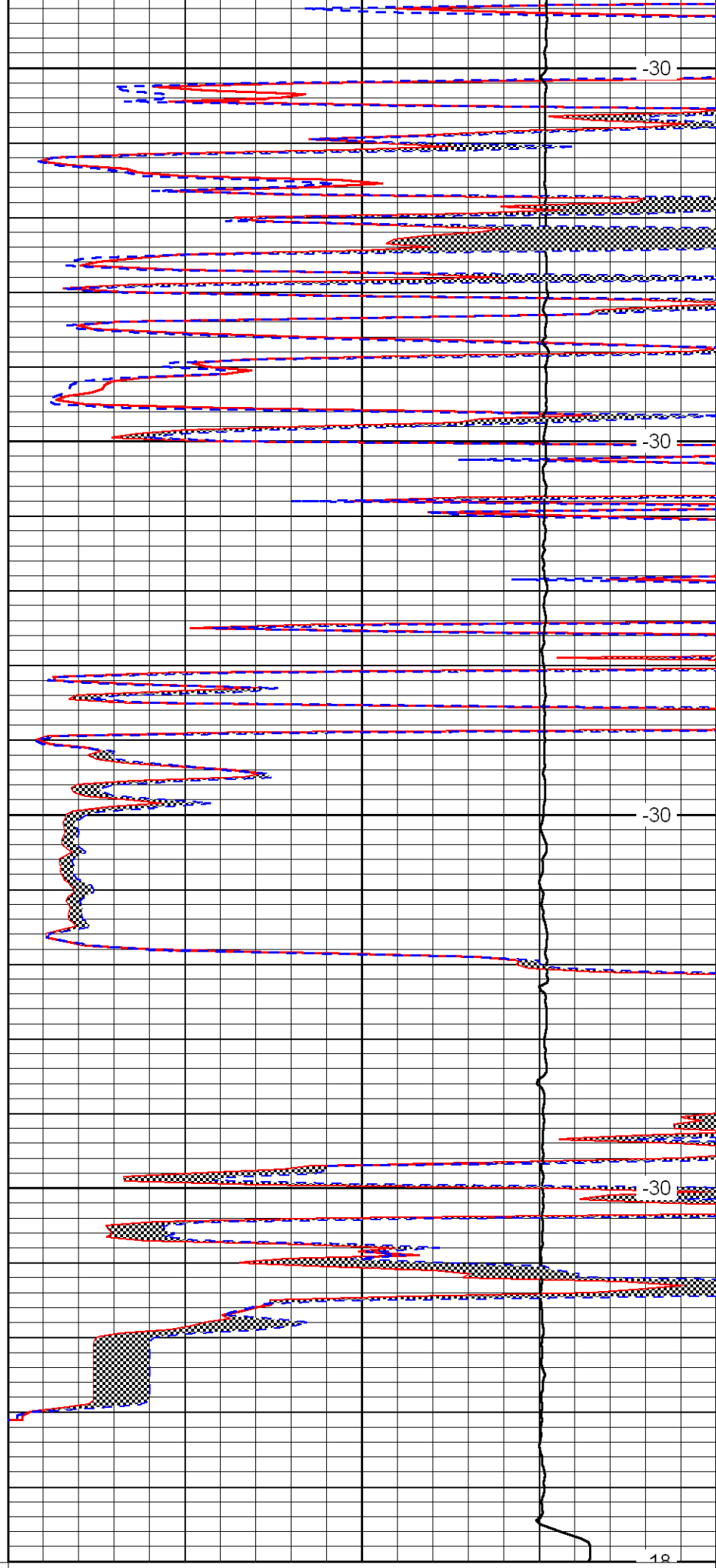
4650

4700

4750

4800

4850



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