



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	Company Hartman Oil Company, Inc.		
	Well Damme No 39		
	Field Damme		
	County Finney	State	Kansas
15-055-22,067-00-00	Location	NE NE NW 330' FNL & 2310' FWL	
	Sec: 28	Twp: 22S	Rge: 33W
Permanent Datum	Ground Level	Elevation 2891	Other Services CNL/CDL DIL
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	K.B. 2902
Drilling Measured From	Kelly Bushing		D.F. 2891
Date	04/23/2010		
Run Number	Two		
Depth Driller	4870		
Depth Logger	4875		
Bottom Logged Interval	4874		
Top Log Interval	3650		
Casing Driller	8.625 @ 356		
Casing Logger	352		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	3.200		
Density / Viscosity	9.2 50		
pH / Fluid Loss	9.5 7.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	2.8 @ 68		
Rmf @ Meas. Temp	2.10 @ 68		
Rmc @ Meas. Temp	3.78 @ 68		
Source of Rmf / Rmc	Charts		
Rm @ BHT	1.50 @ 127		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	127		
Equipment Number	17		
Location	Hays		
Recorded By	Mike Garrison		
Witnessed By	Wes Hansen		

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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.

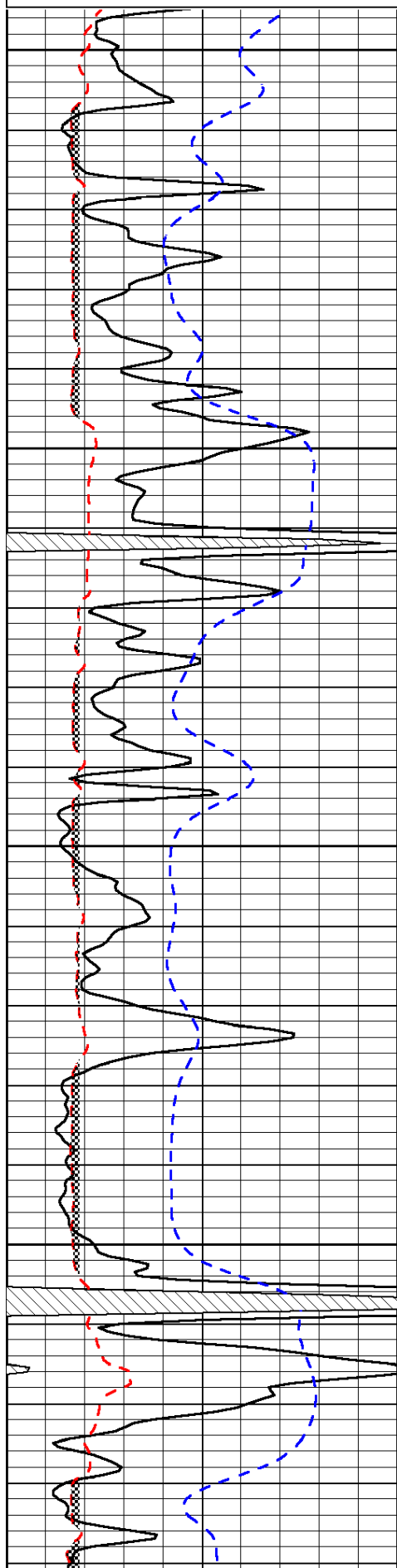
Comments

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

Scott City, South to 9 Mile Blacktop, 2 West, 1 North, 1 1/2 West, South Into

Database File: c:\warrior\data\hartman_damme no 39\hartman_damme-39hd.db
Dataset Pathname: dil\hartstck
Presentation Format: micro
Dataset Creation: Fri Apr 23 09:01:10 2010
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

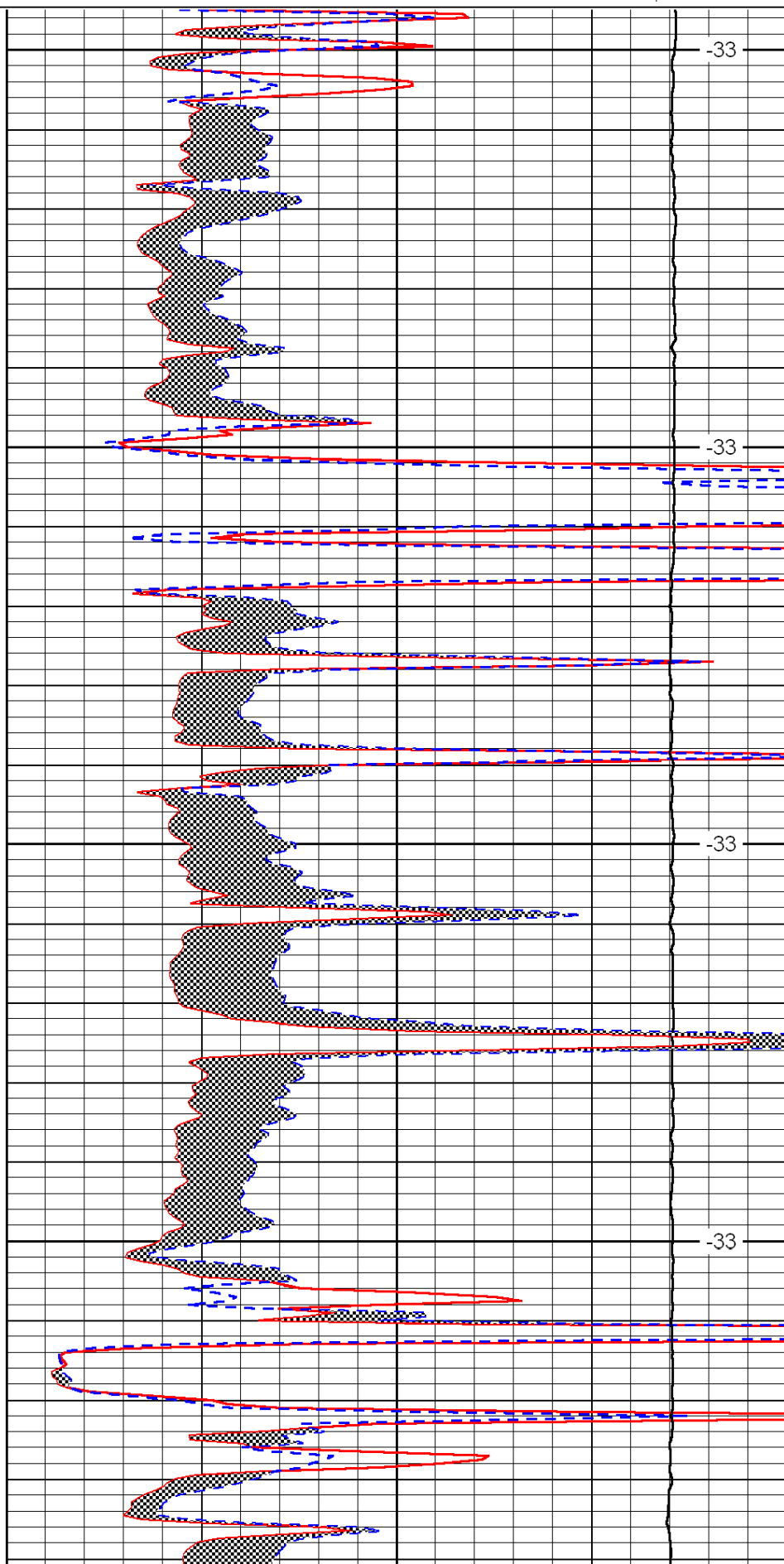


3650

3700

3750

3800



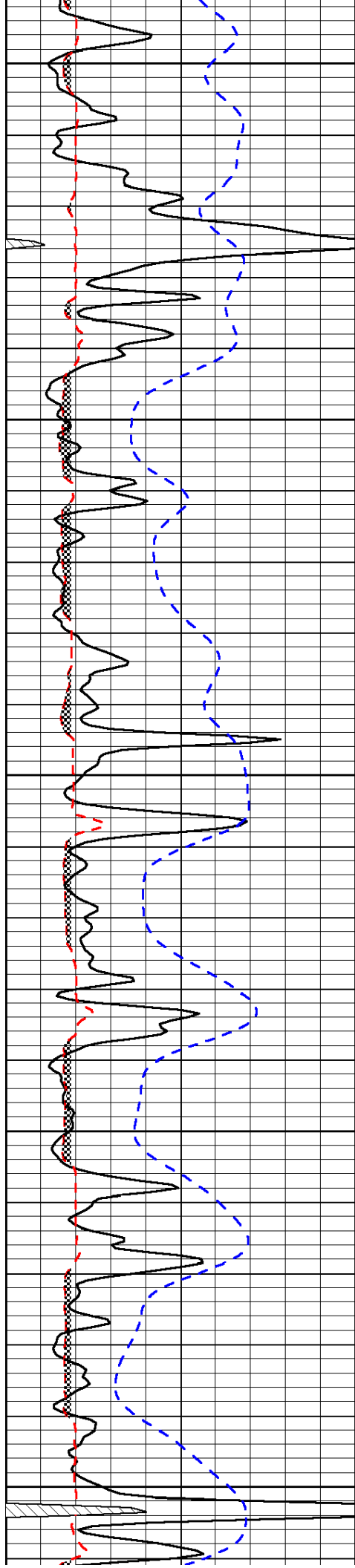
-33

-33

-33

-33

LSPD



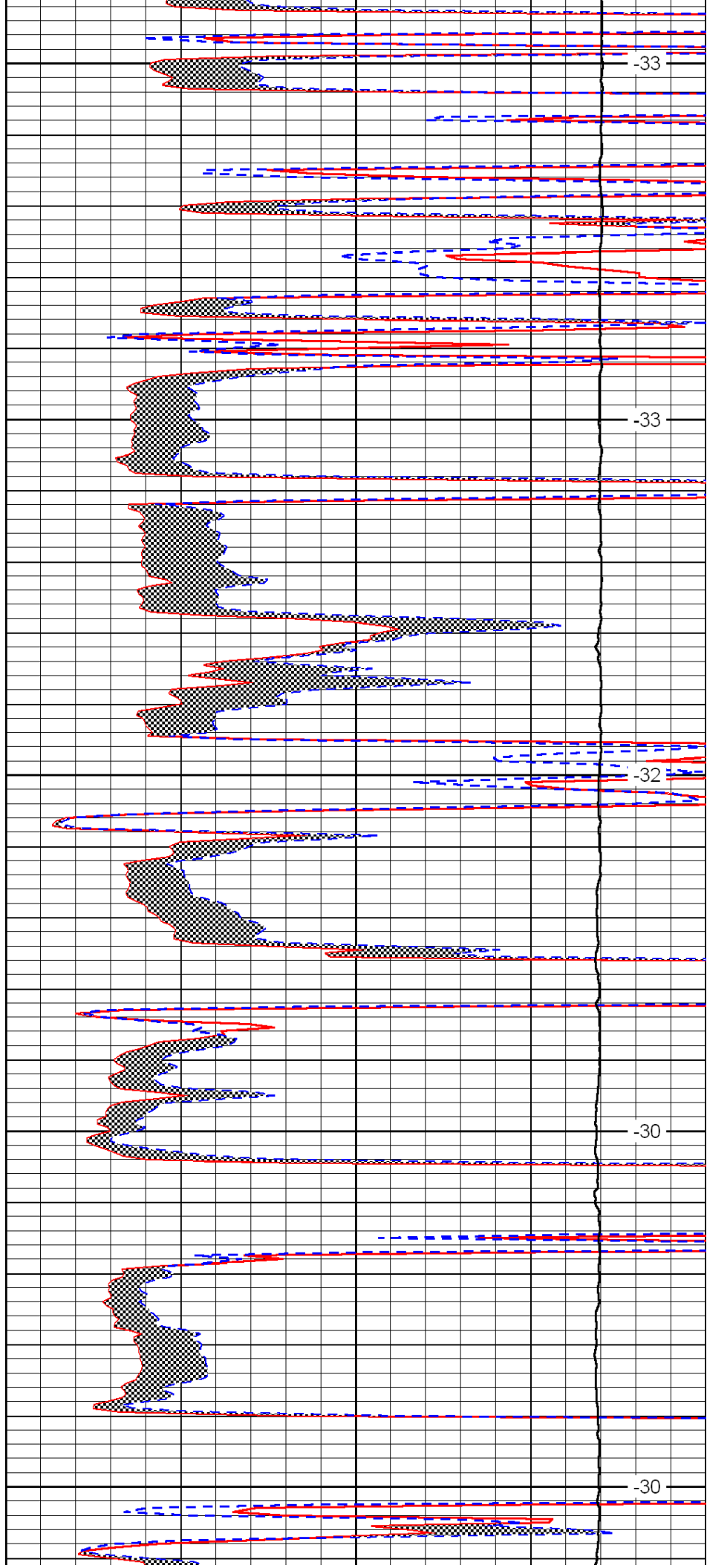
3850

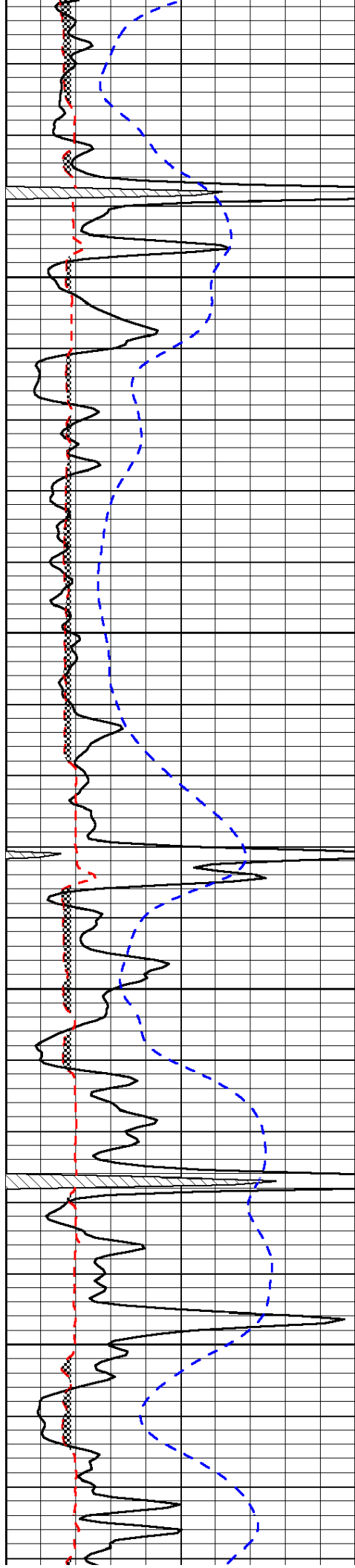
3900

3950

4000

4050



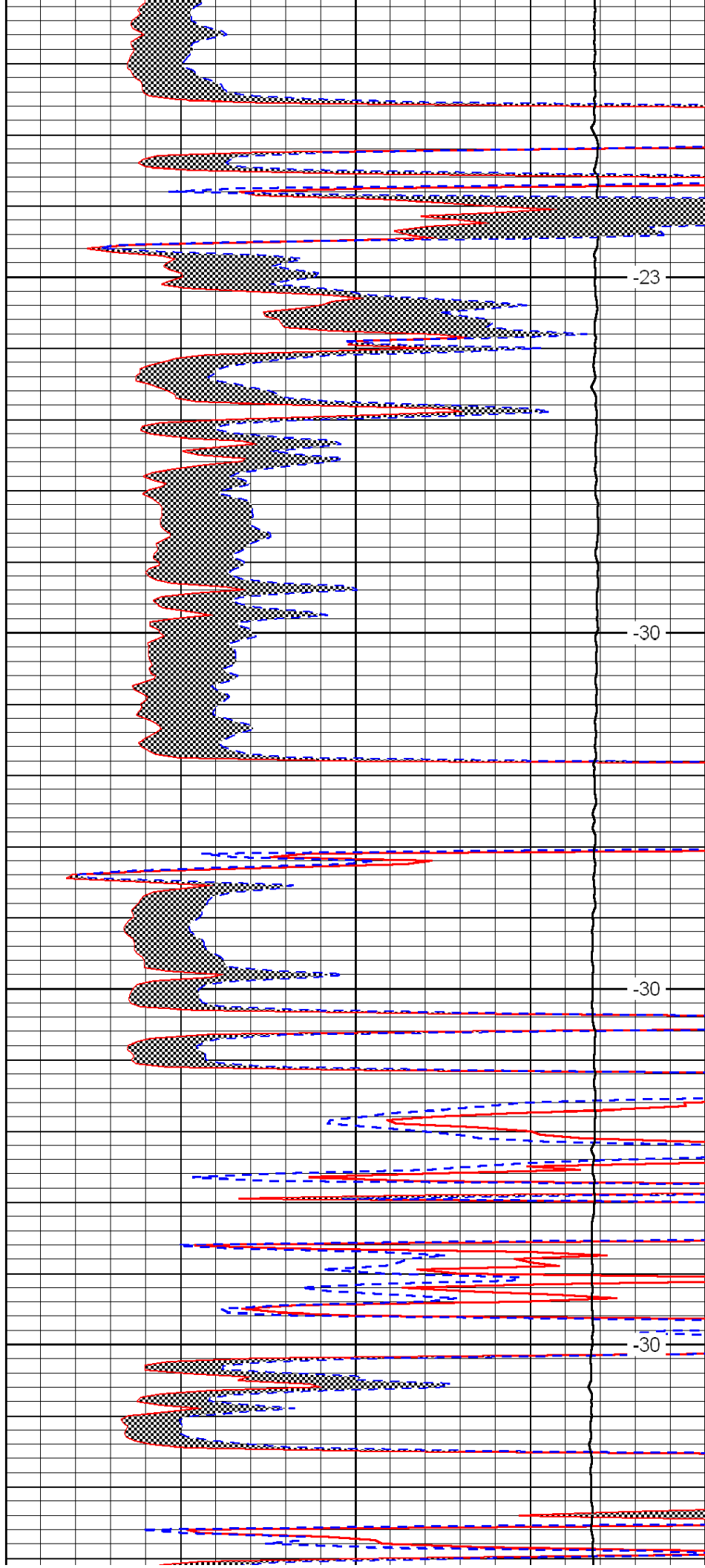


4100

4150

4200

4250

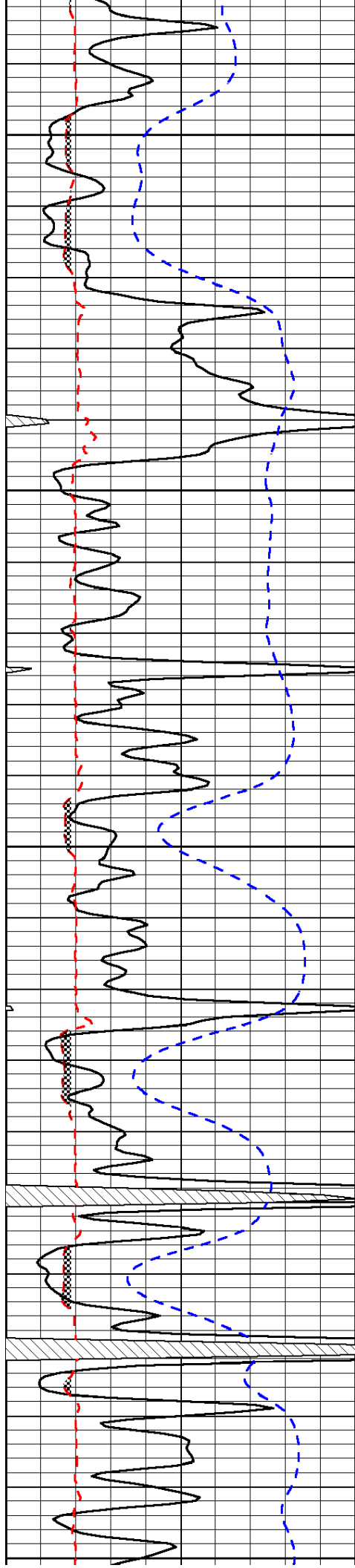


-23

-30

-30

-30



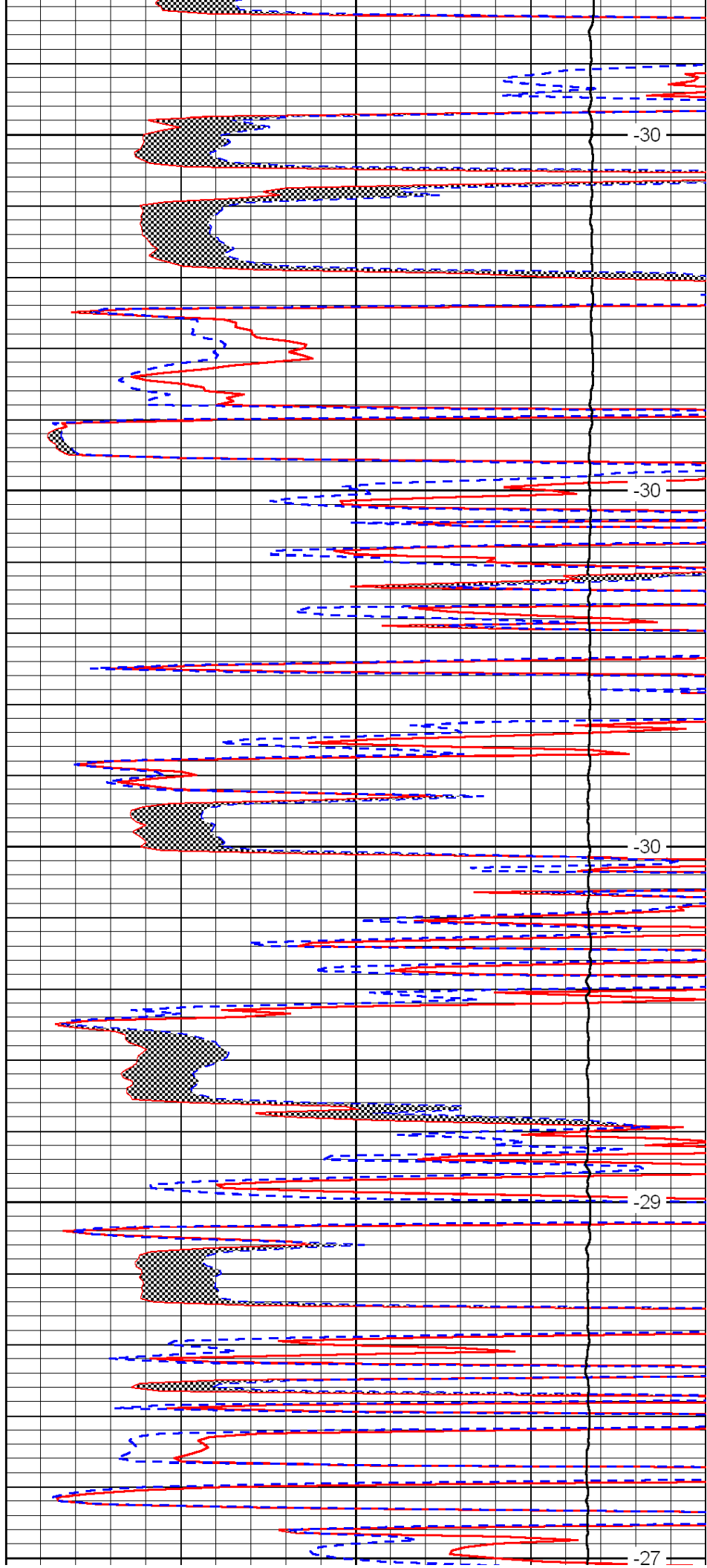
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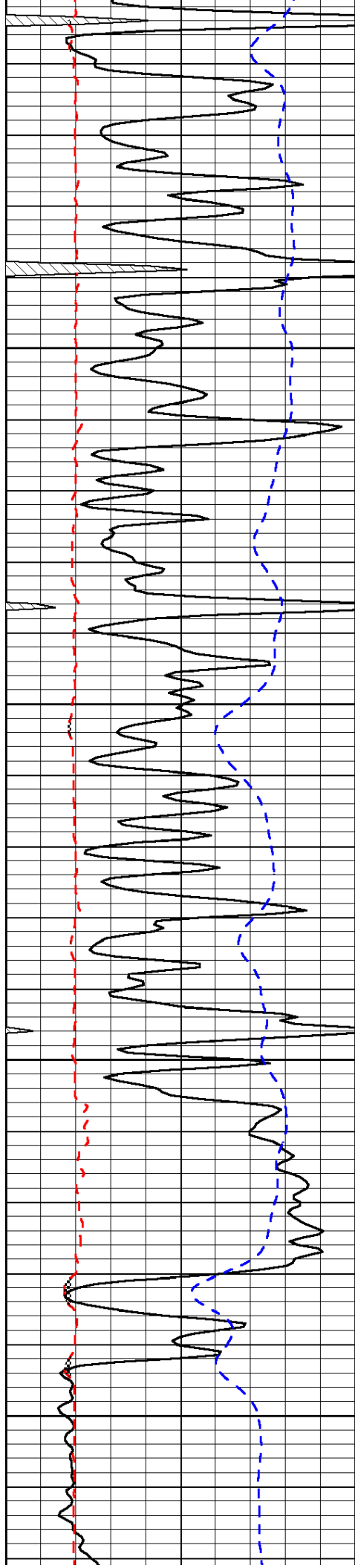
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4400

4450

4500



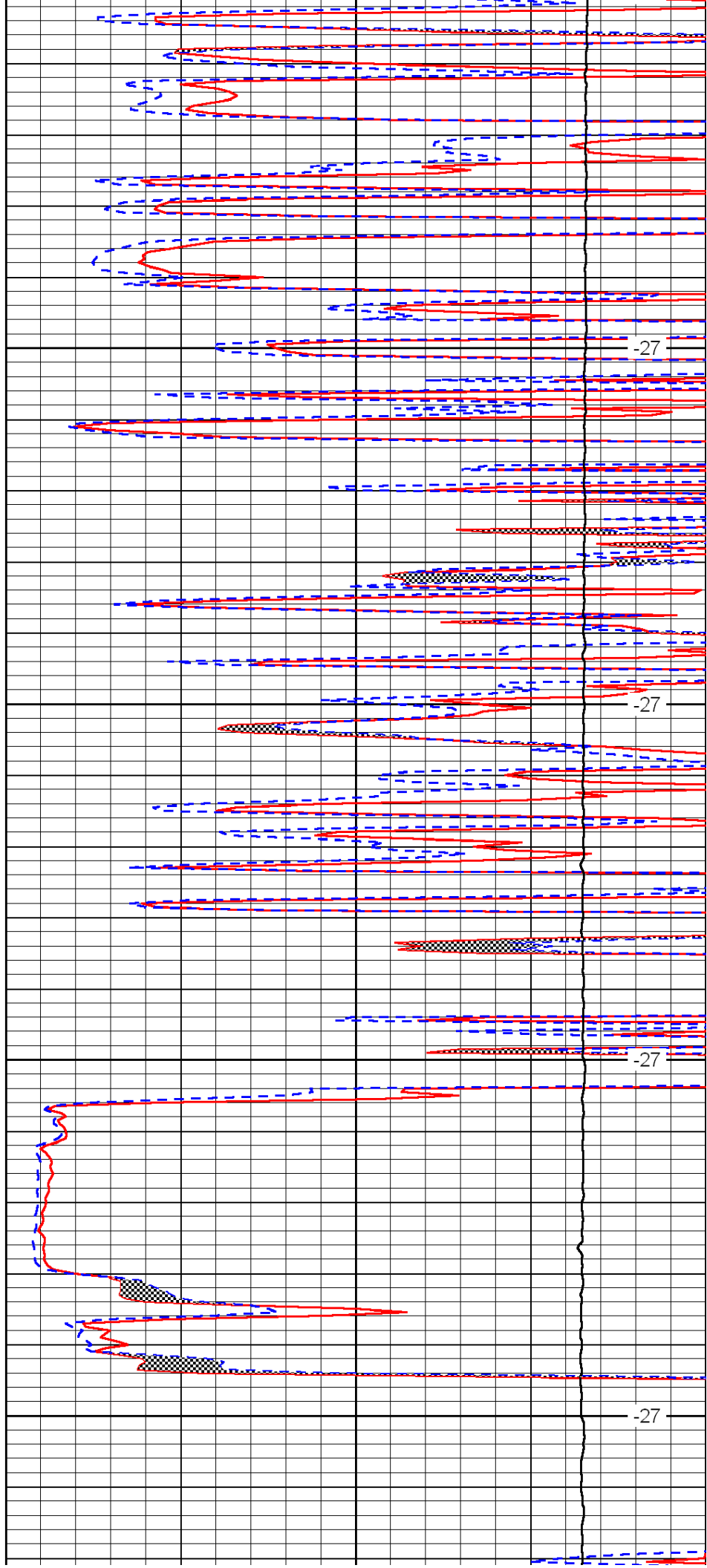


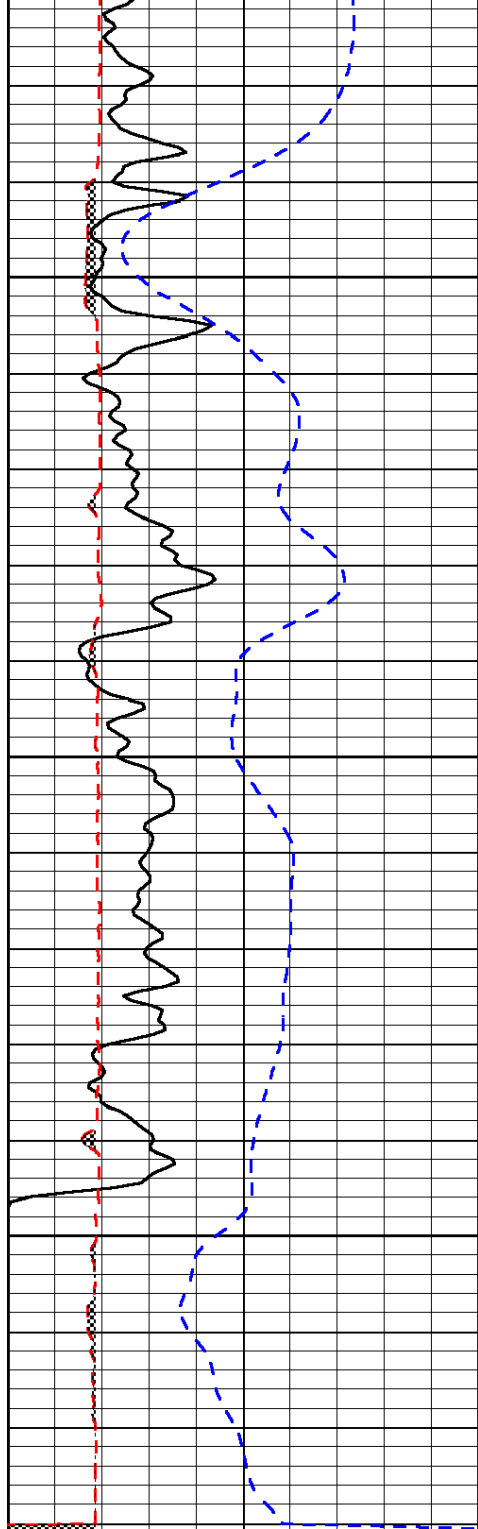
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4600

4650

4700



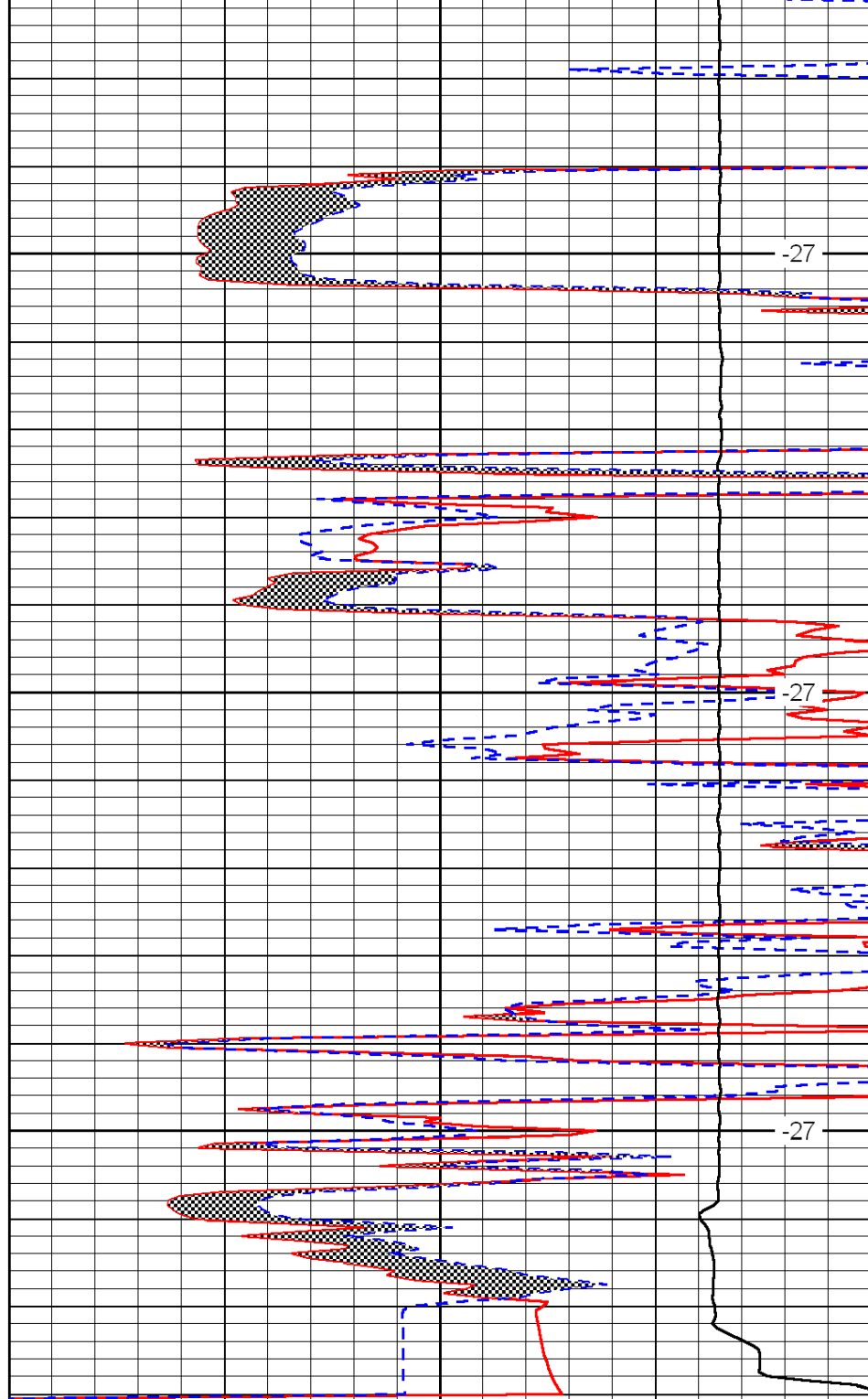


0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

4750

4800

4850



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

LSPD