



PIONEER

Pioneer Energy Services

Microresistivity Log

API No.	15-135-25452-00-00		
Company	American Warrior, Inc.		
Well	D. McVicker #2-25		
Field	McVicker		
County	Ness	State	Kansas
Location	SE SW NE NE 1055' FNL / 838' FEL		
Sec: 25	Twp: 20S	Rge: 26W	Other Services CNL/CDL DIL
Permanent Datum	Ground Level	Elevation 2429	Elevation
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	K.B. 2440 D.F. 2429
Drilling Measured From	Kelly Bushing		G.L. 2429
Date	8/21/2012		
Run Number	Two		
Depth Driller	4520		
Depth Logger	4521		
Bottom Logged Interval	4520		
Top Log Interval	3600		
Casing Driller	8.625 @ 224		
Casing Logger	222		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	4500		
Density / Viscosity	9.4	40	
pH / Fluid Loss	9.5	16.0	
Source of Sample	Flowline		
Rm @ Meas. Temp	0.50 @ 78		
Rmf @ Meas. Temp	0.38 @ 78		
Rmc @ Meas. Temp	0.68 @ 78		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.32 @ 121		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	121		
Equipment Number	15		
Location	Hays		
Recorded By	R. Barnhart		
Witnessed By	Kevin Timson		

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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

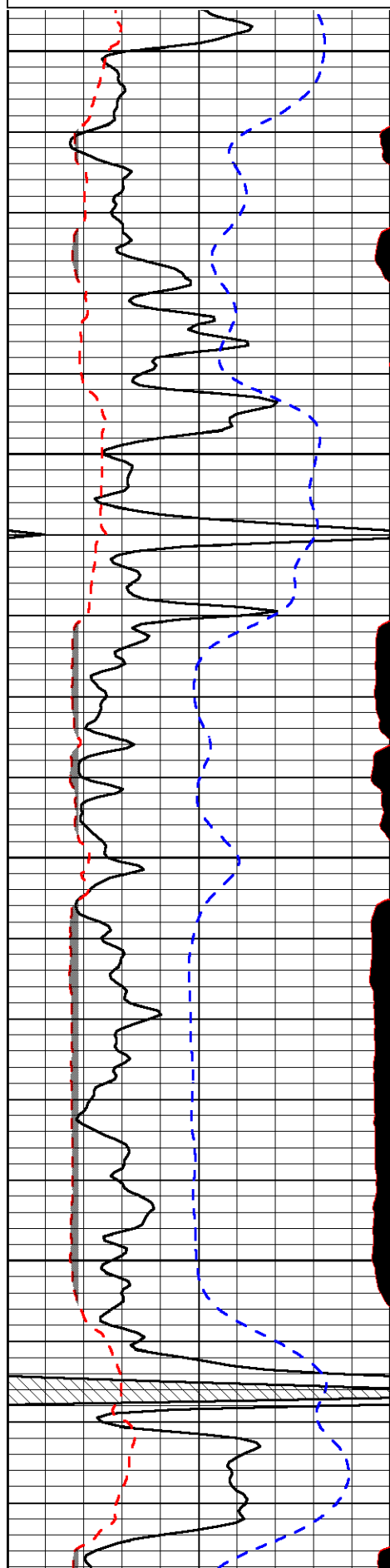
Thank you for using Log-Tech, Inc.
(785) 625-3858

Ness City, KS:
W to Laird Elevator: 1/4W to J Rd., 10S to 20 Rd.,
4W to F Rd., 1/4S, W into

Database File: amwar_hd.db
Dataset Pathname: dil/amwmain
Presentation Format: micro
Dataset Creation: Tue Aug 21 03:50:44 2012
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

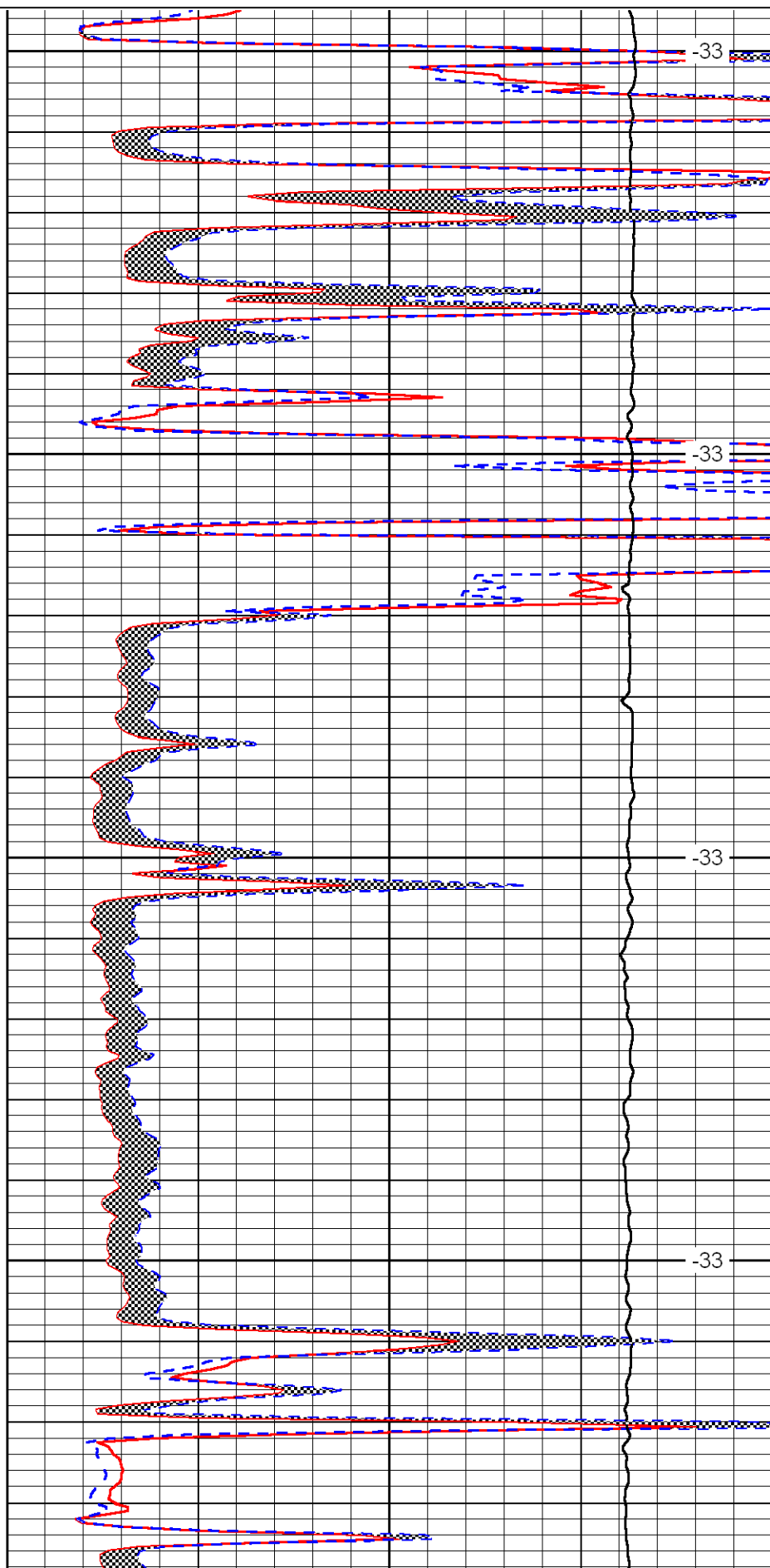


3600

3650

3700

3750

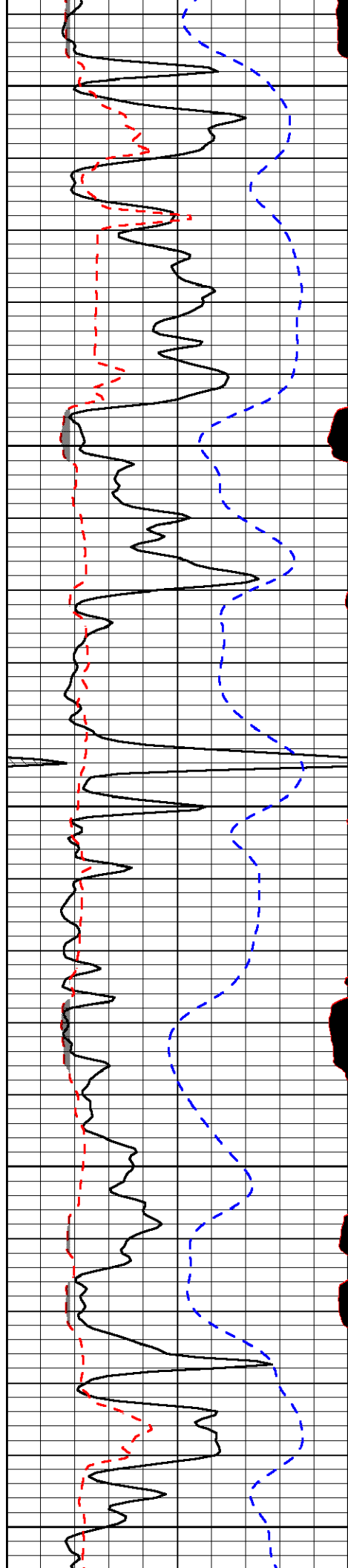


-33

-33

-33

-33



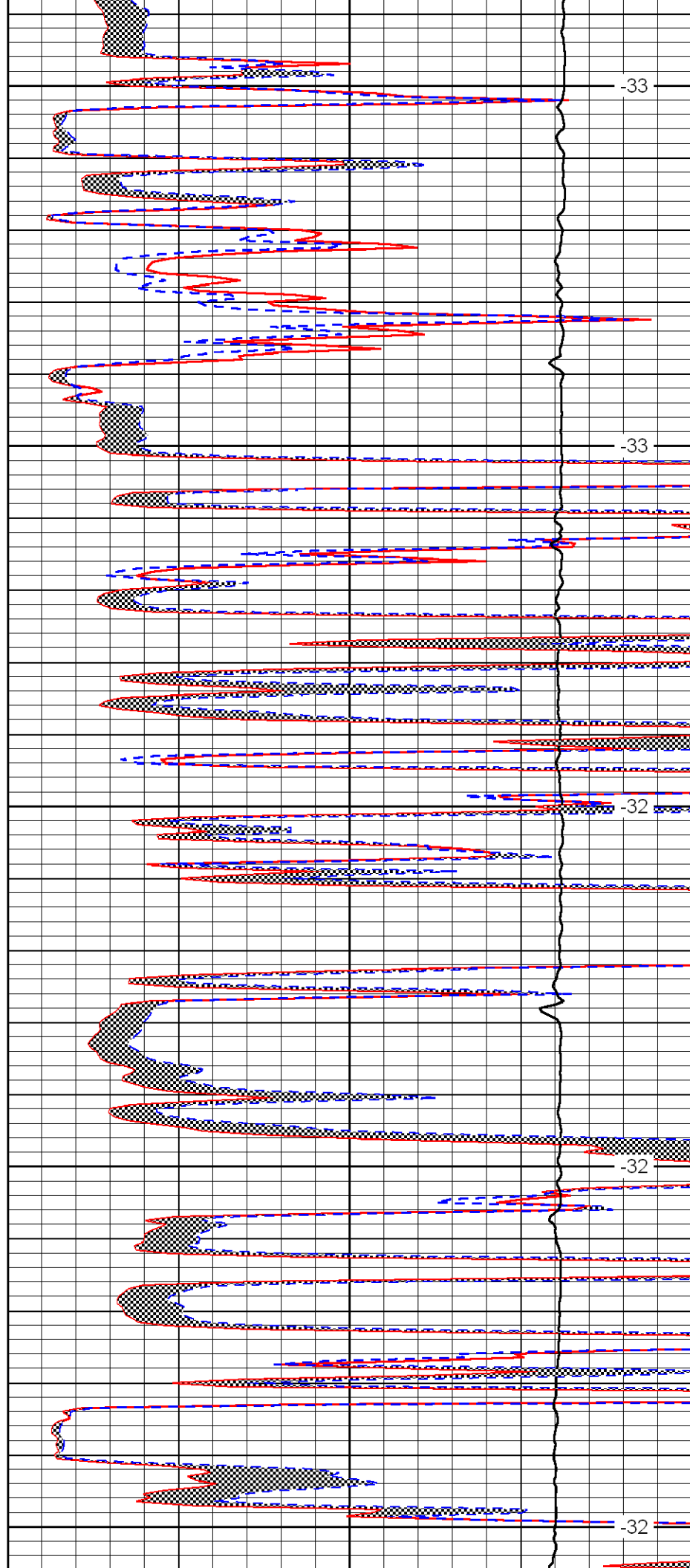
3800

3850

3900

3950

4000



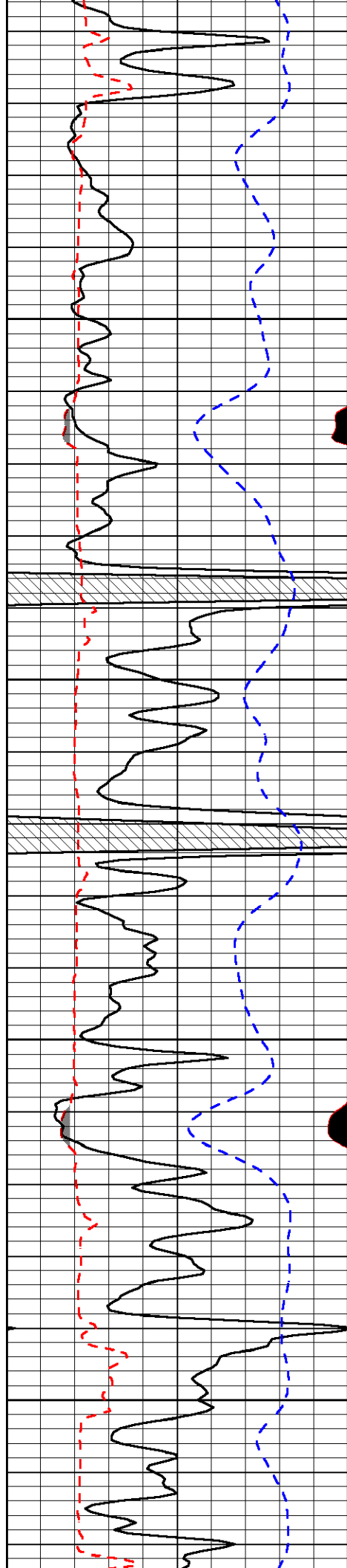
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-33

-32

-32

-32

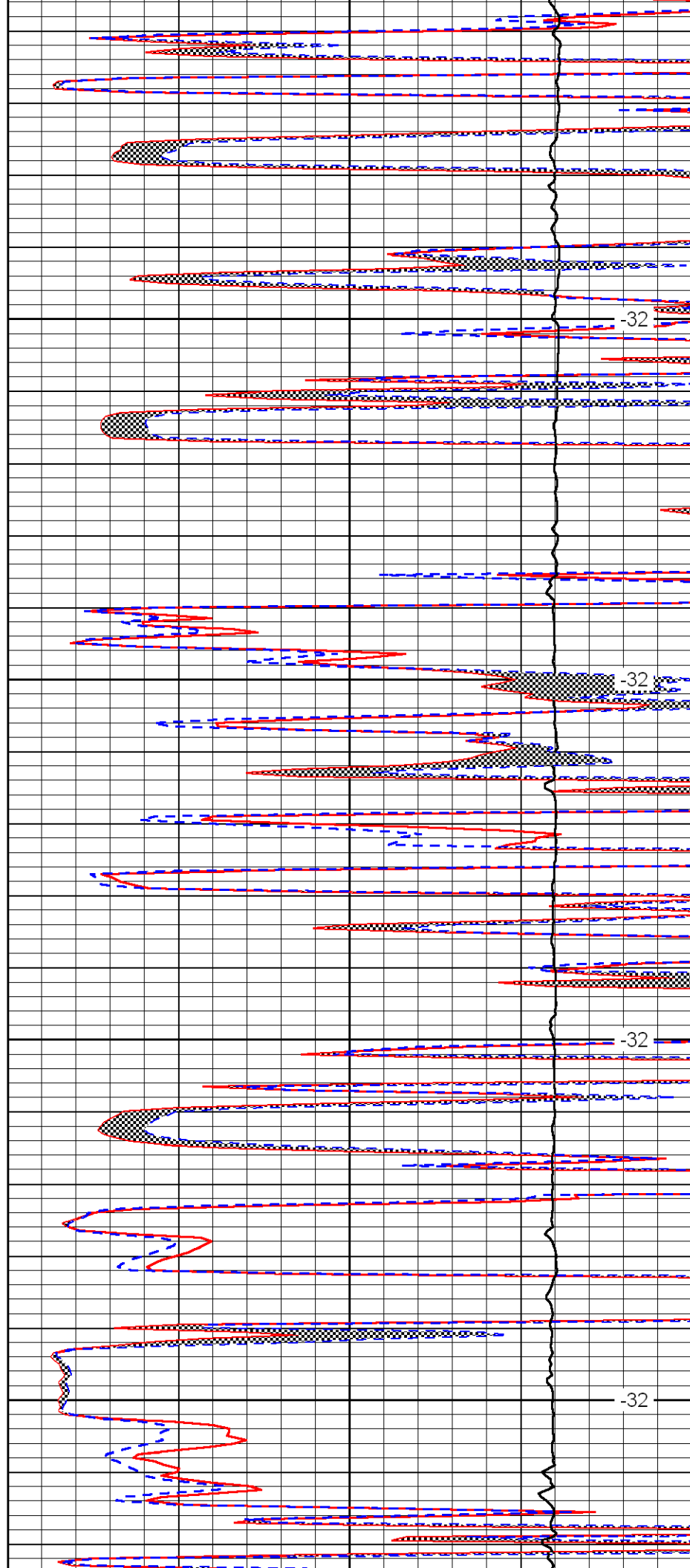


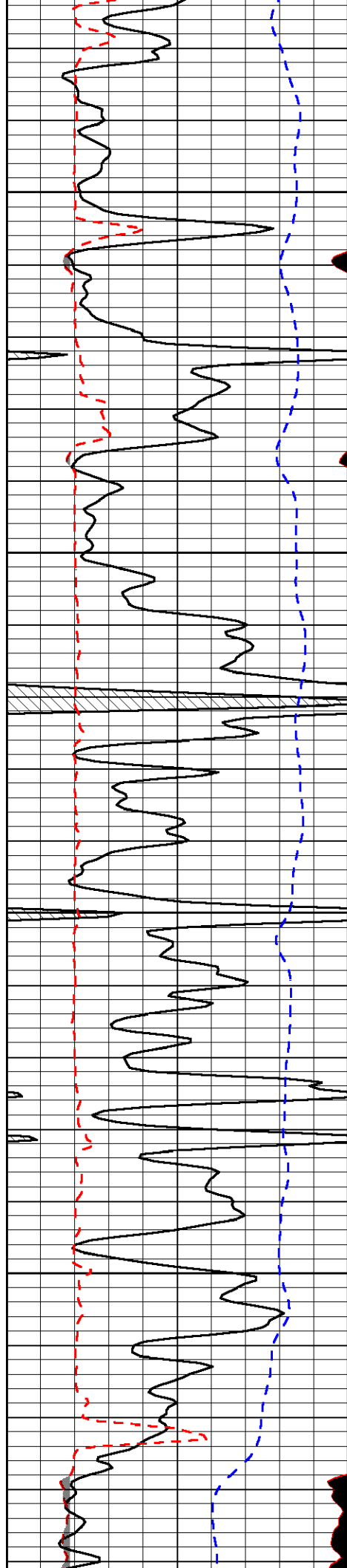
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4100

4150

4200



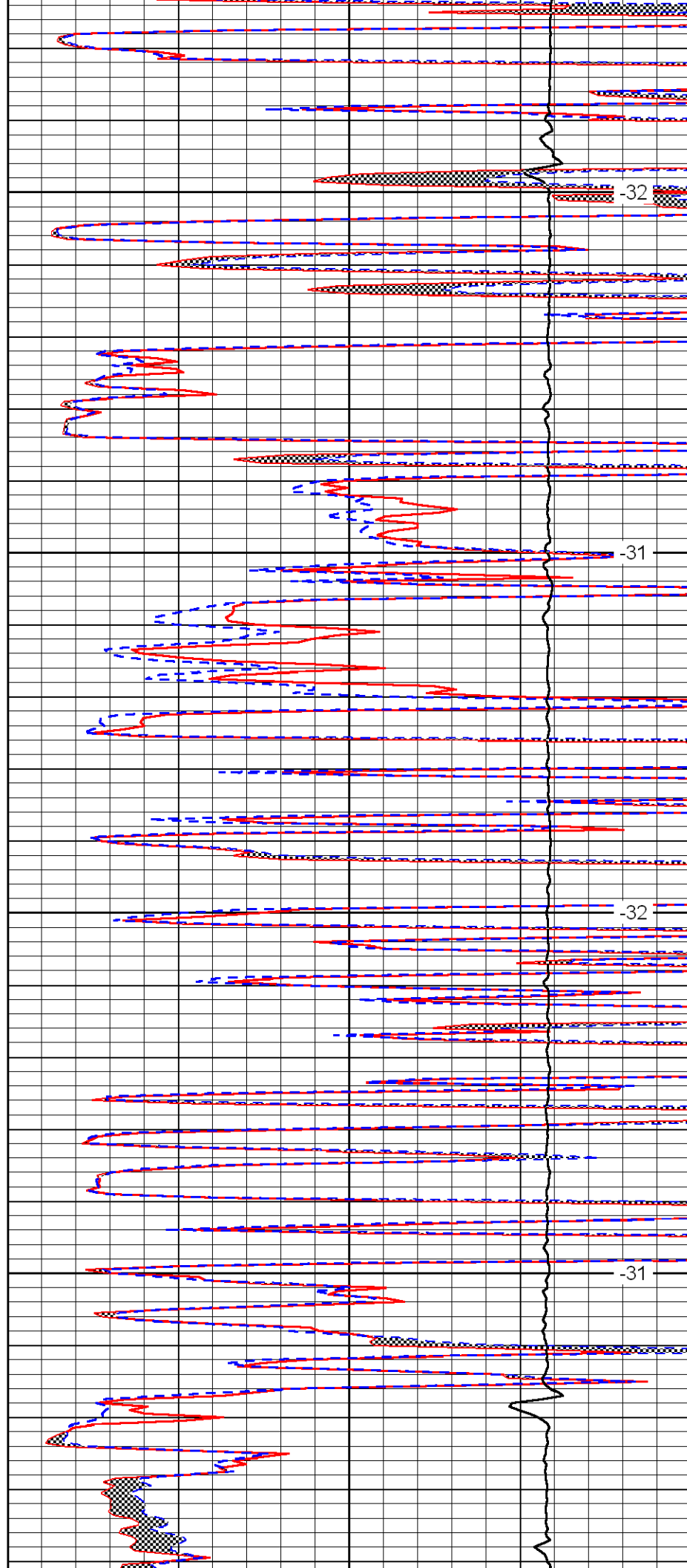


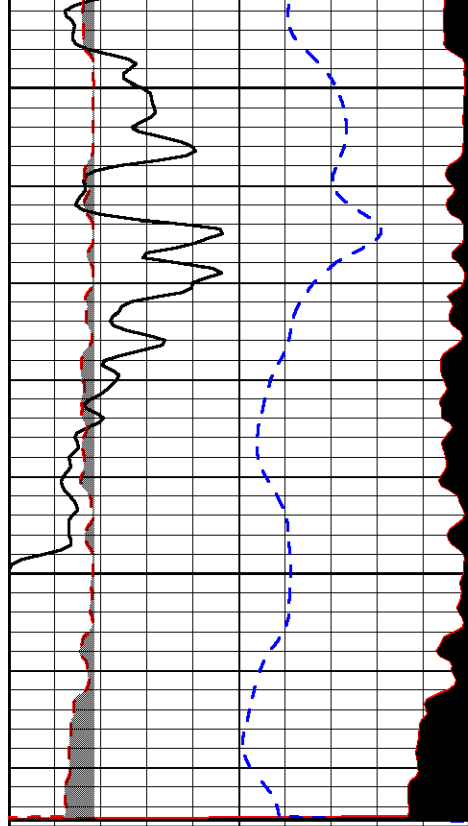
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4300

4350

4400

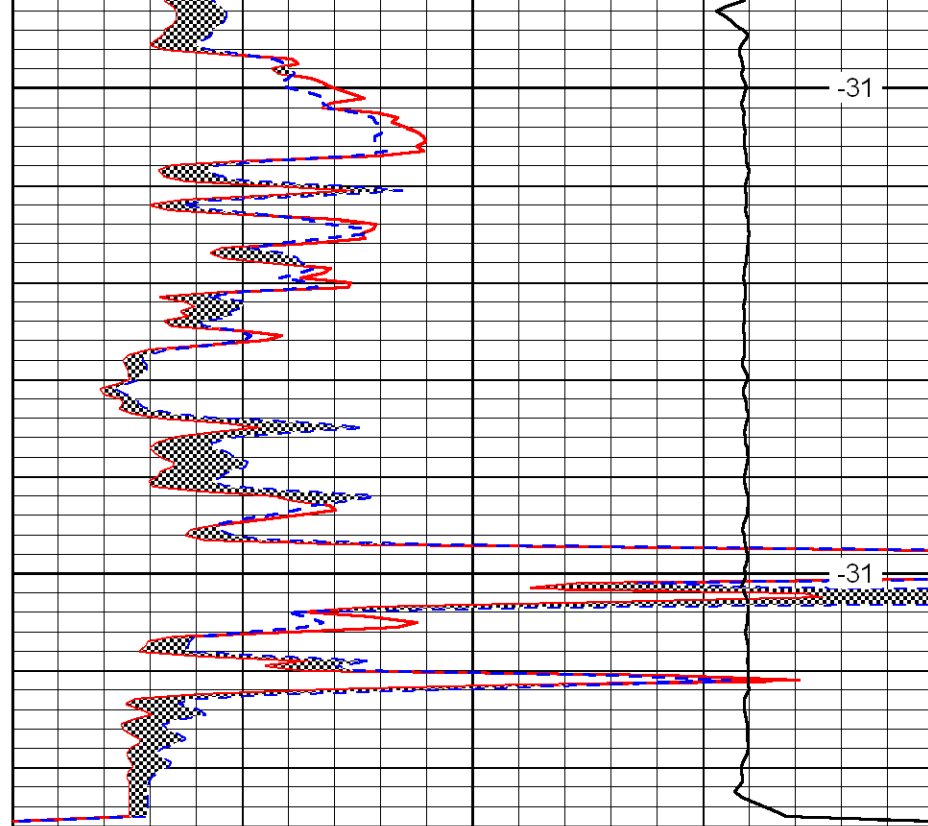




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