



# Microresistivity Log

**DIGITAL LOG** (785) 625-3858

API No.	15-101-22206-00-00		
Company	Larson Engineering, Inc.		
Well	Suppes No. 1-19		
Field	Wildcat		
County	Lane	State	Kansas
Location	800' FSL & 840' FEL		
Sec: 19	Twp: 19 S	Rge: 29 W	
Permanent Datum	Ground Level	Elevation 2865	Other Services CNL/CDL DIL
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	
Drilling Measured From	Frotkelly Bushing		K.B. 2870 D.F. 2865 G.L. 2865

Date	12/11/2009
Run Number	Three
Depth Driller	4642
Depth Logger	4645
Bottom Logged Interval	4644
Top Log Interval	3600
Casing Driller	8.625 @ 260
Casing Logger	258
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	2,300
Density / Viscosity	9.2   54
pH / Fluid Loss	10.5   7.6
Source of Sample	Flowline
Rm @ Meas. Temp	1.90 @ 60
Rmf @ Meas. Temp	1.43 @ 60
Rmc @ Meas. Temp	2.57 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	0.93 @ 122
Operating Rig Time	4 Hours
Max Rec. Temp. F	122
Equipment Number	15
Location	Hays
Recorded By	B. Becker
Witnessed By	Bob Lowell/n

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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

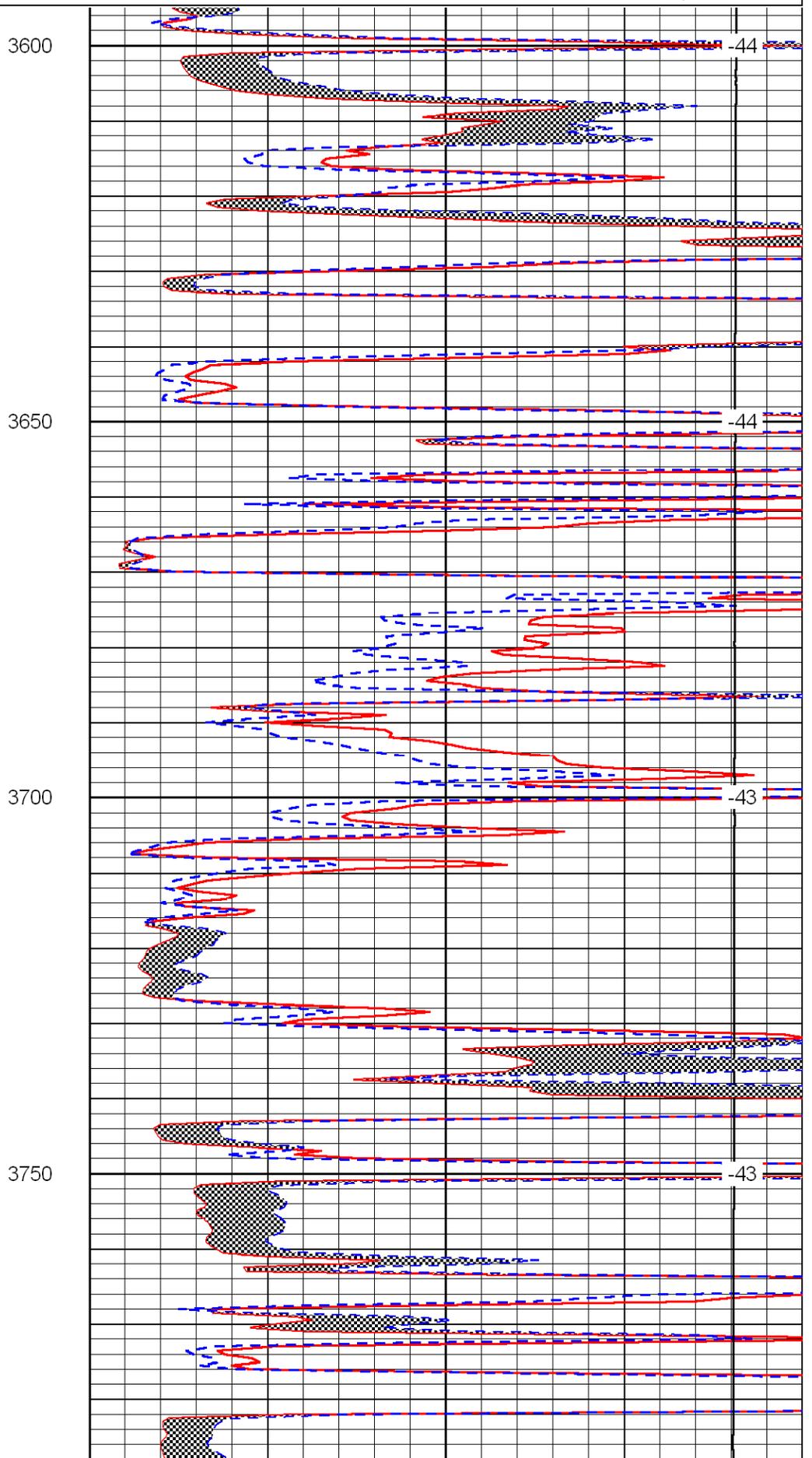
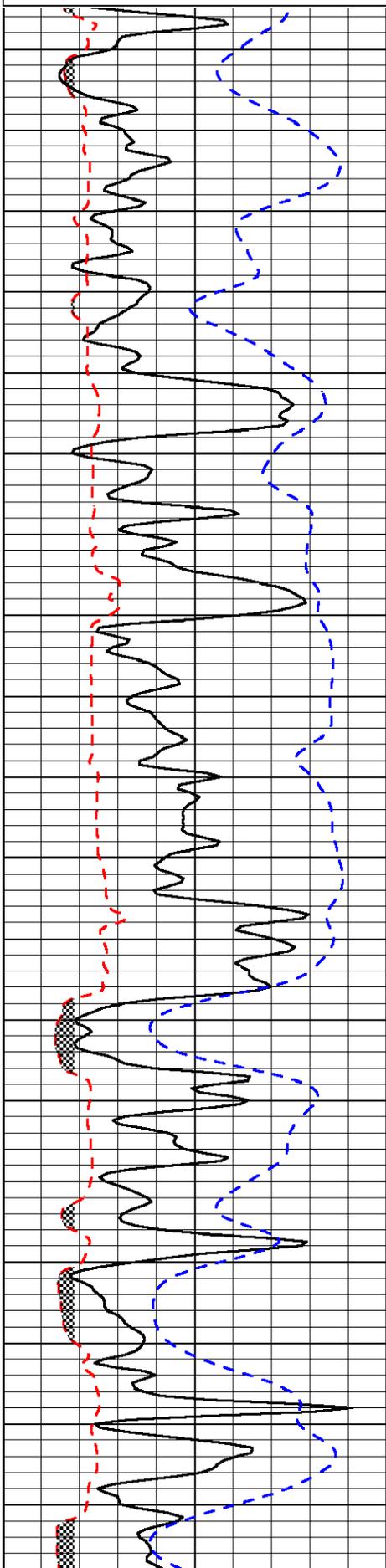
Dighton, Ks; 5 West to Gage Rd;  
6-1/2 South; West Into

Database File: c:\warrior\data\larson\_suppes no. 1-19\larsonhd.db  
 Dataset Pathname: DIL/larstk  
 Presentation Format: micro  
 Dataset Creation: Fri Dec 11 16:26:02 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
15000	Line Weight (lb)	0

LSPD  
(ft/min)



3600

3650

3700

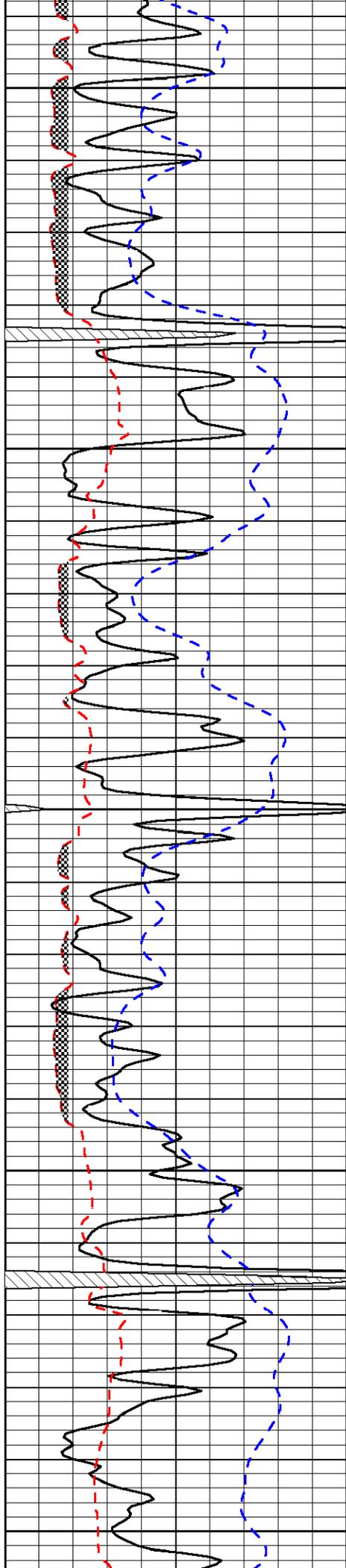
3750

-44

-44

-43

-43



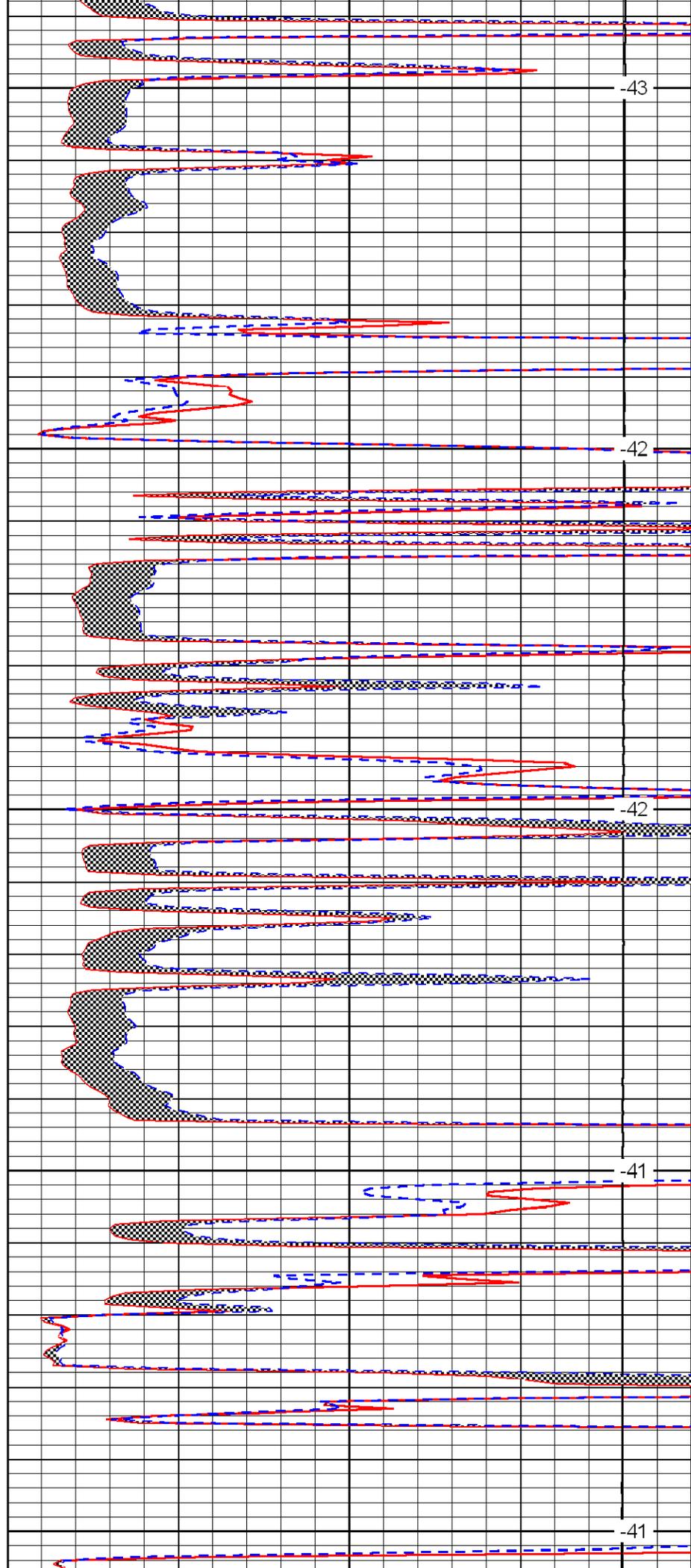
3800

3850

3900

3950

4000



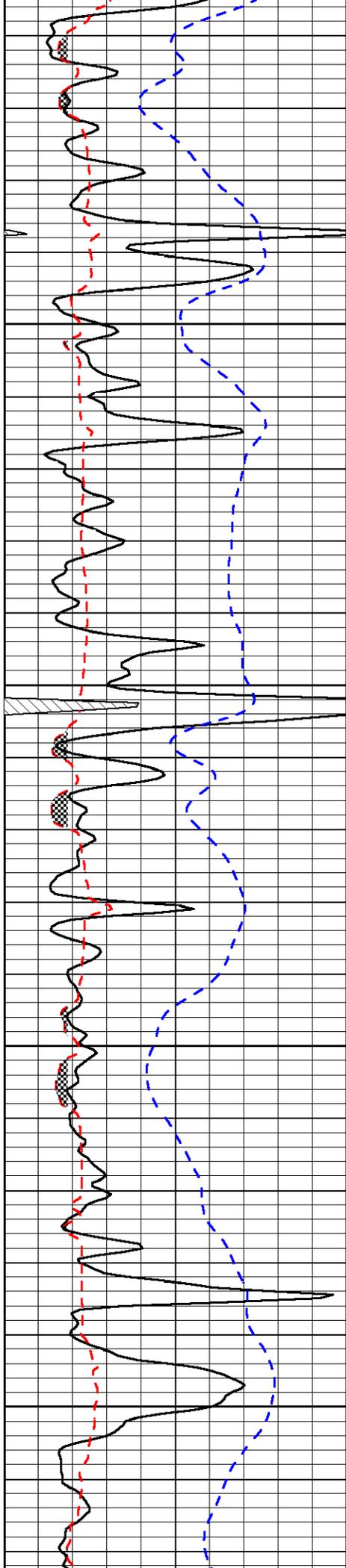
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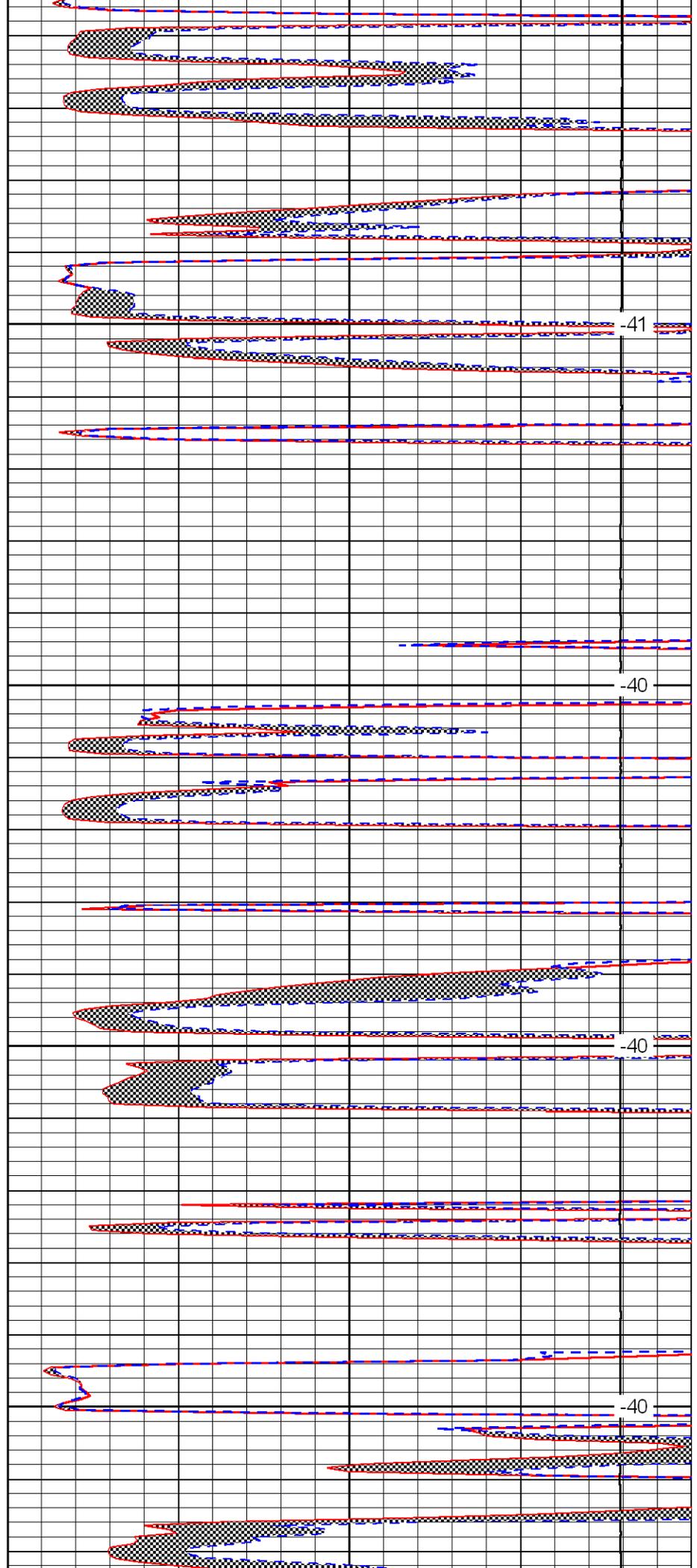


4050

4100

4150

4200

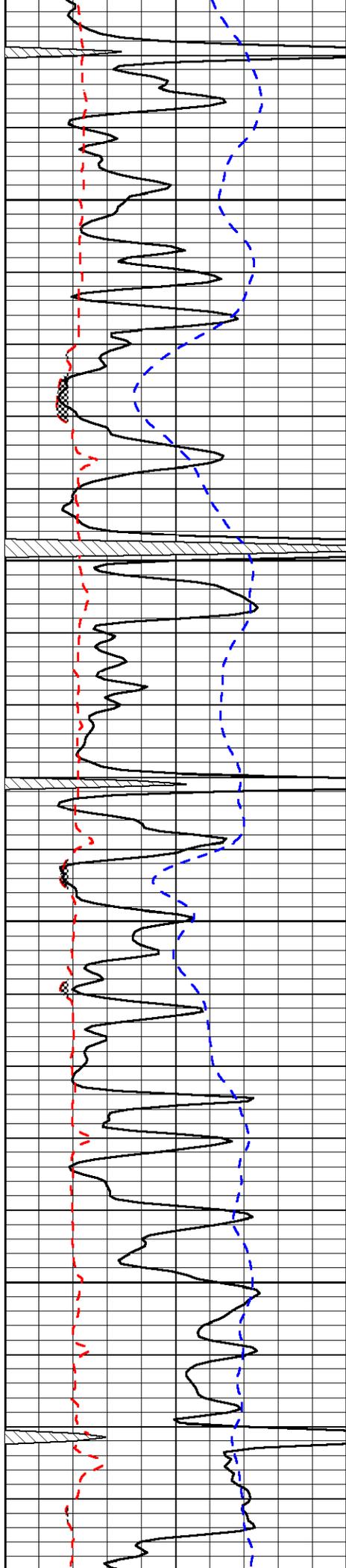


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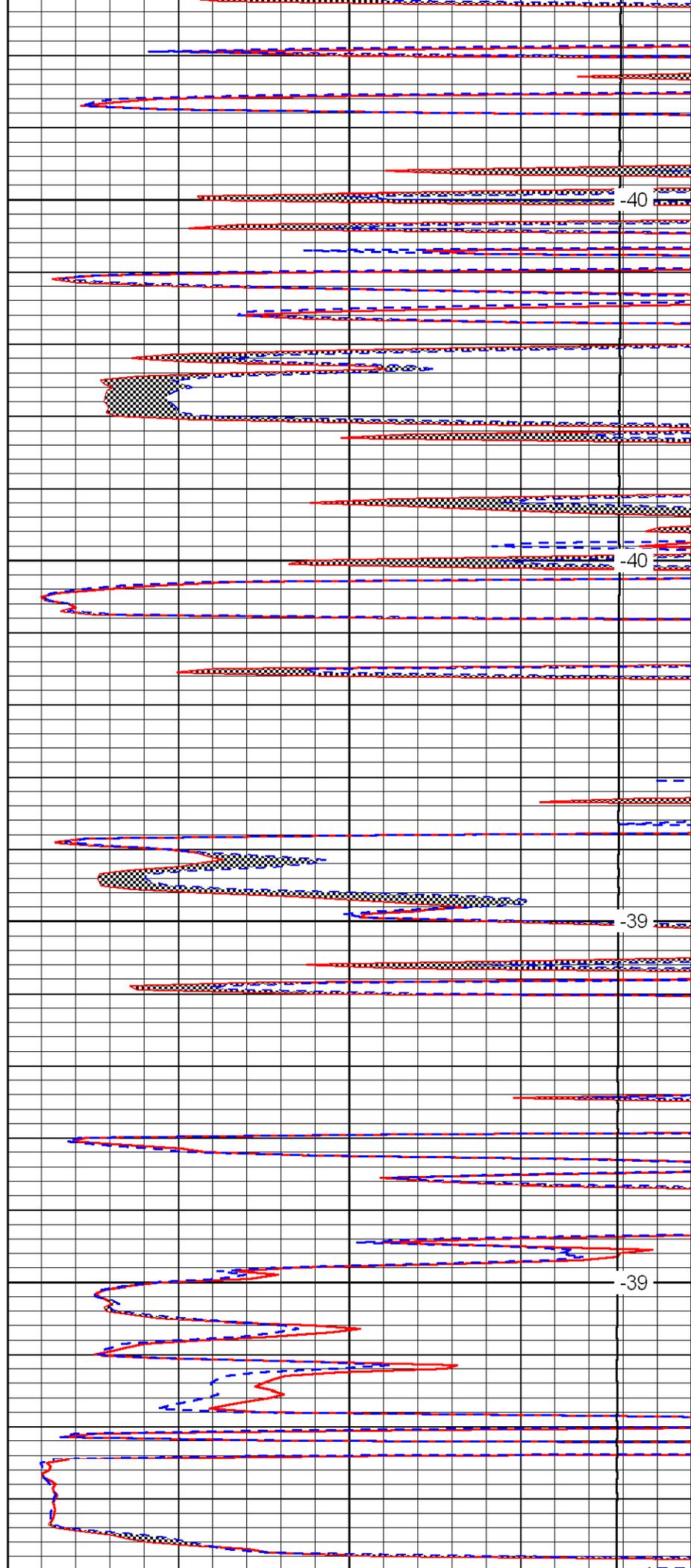


4250

4300

4350

4400

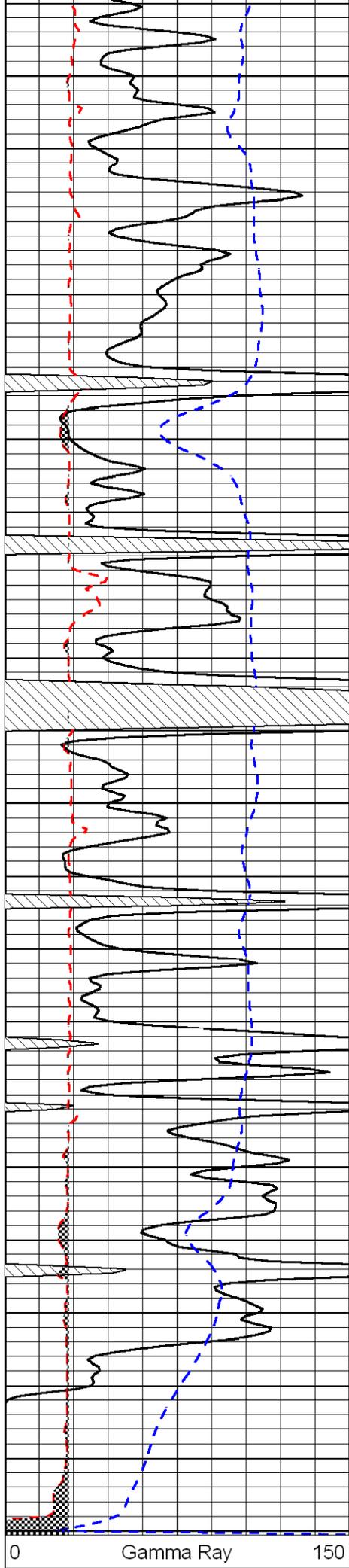


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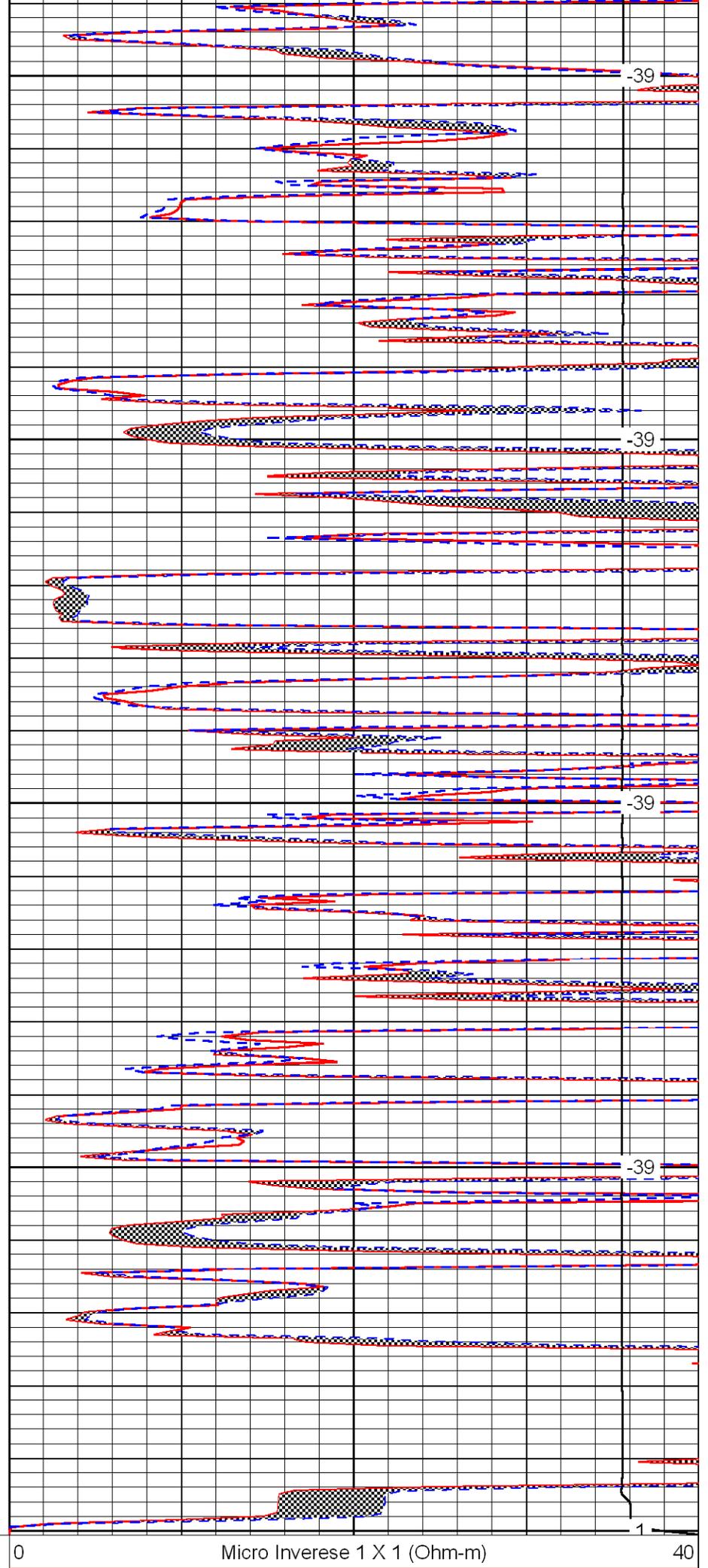
4450

4500

4550

4600

4650



-39

-39

-39

-39

1

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-200	SP (MV)	0

0	Micro Normal 2" (Ohm-m)	40
15000	Line Weight (lb)	0

LSPD (ft/min)
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