



Pioneer Energy Services

Microresistivity Log

154-159-22765-00-00

API No.	154-159-22765-00-00		
Company	RJM Company		
Well	Hoelscher Farms #2		
Field	Bloomer		
County	Rice	State	Kansas
Location	N2 SE SE NW 2100' FNL / 2310' FWL		
Sec: 4	Twp: 18S	Rge: 10W	Other Services CNL/CDL DIL/BHCS
Permanent Datum	Ground Level	Elevation 1789	Elevation
Log Measured From	Kelly Bushing	9 Ft. Above Perm. Datum	K.B. 1798
Drilling Measured From	Kelly Bushing		D.F. 1789
			G.L. 1789

Date	2/28/2014
Run Number	Two
Depth Driller	3342
Depth Logger	3340
Bottom Logged Interval	3339
Top Log Interval	2700
Casing Driller	8.625 @ 333
Casing Logger	330
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	4000
Density / Viscosity	9.0 48
pH / Fluid Loss	9.0 8.8
Source of Sample	Flowline
Rm @ Meas. Temp	0.85 @ 50
Rmf @ Meas. Temp	0.64 @ 50
Rmc @ Meas. Temp	1.15 @ 50
Source of Rmf / Rmc	Charts
Rm @ BHT	0.39 @ 110
Operating Rig Time	4 Hours
Max Rec. Temp. F	110
Equipment Number	15
Location	Hays
Recorded By	R. Barnhart
Witnessed By	Clint Musgrove

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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

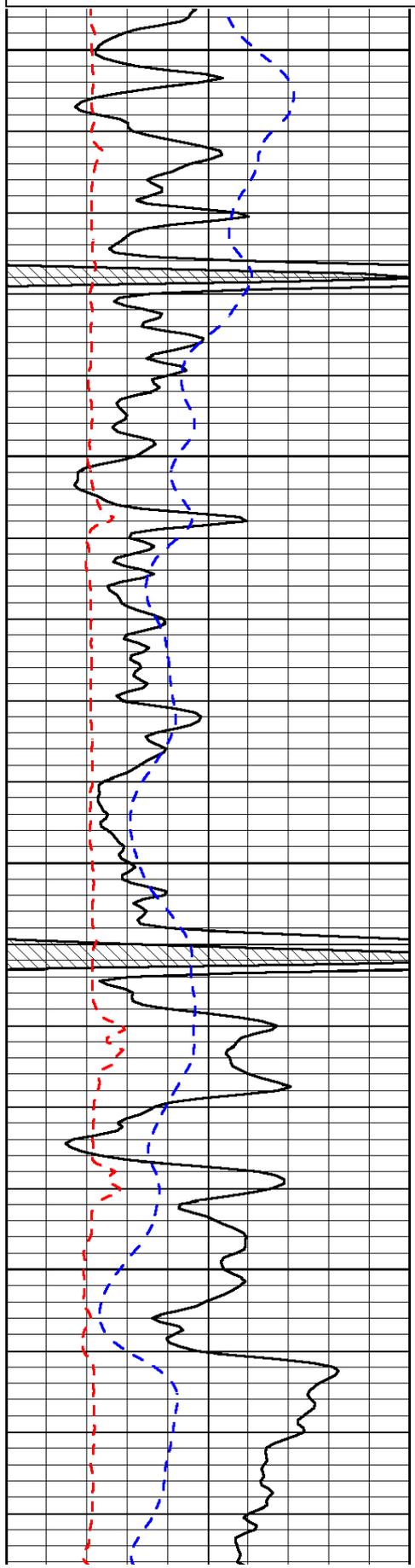
Claflin, KS:
4 1/2E, 1/2S, E into

Database File: rjm_hohd.db
 Dataset Pathname: dil/rjmmain
 Presentation Format: micro
 Dataset Creation: Fri Feb 28 04:34:58 2014
 Charted by: Depth in Feet scaled 1:240

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

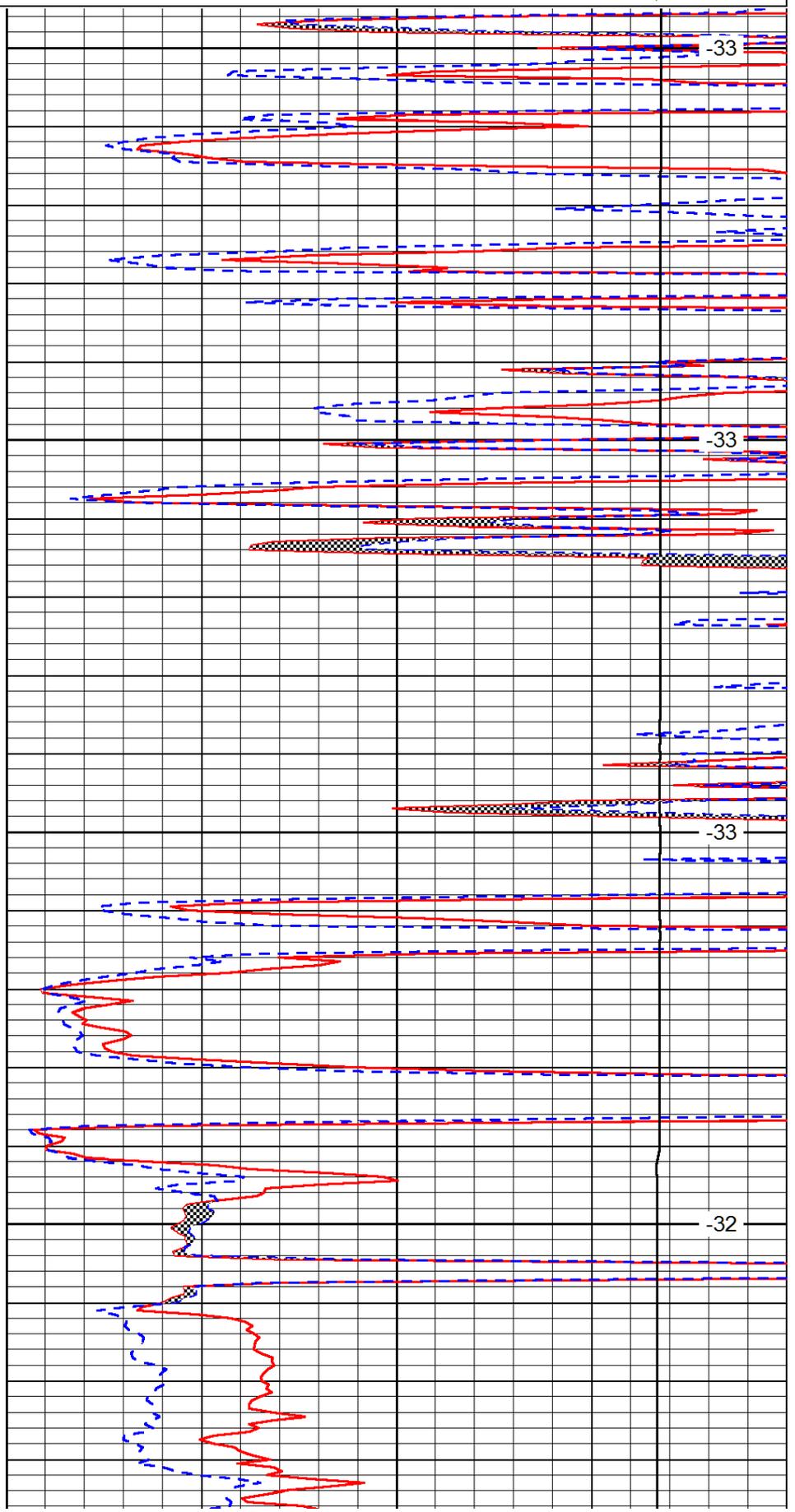


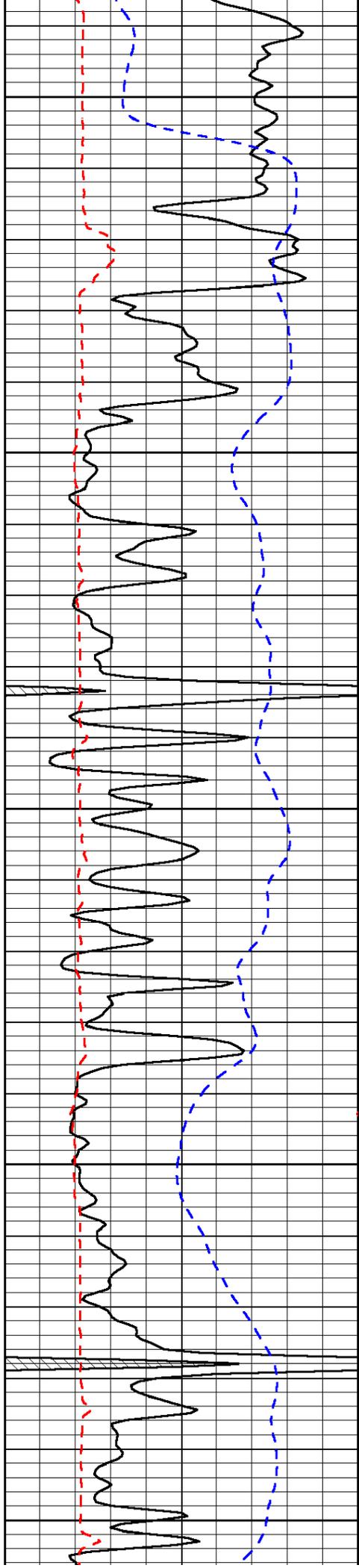
2700

2750

2800

2850





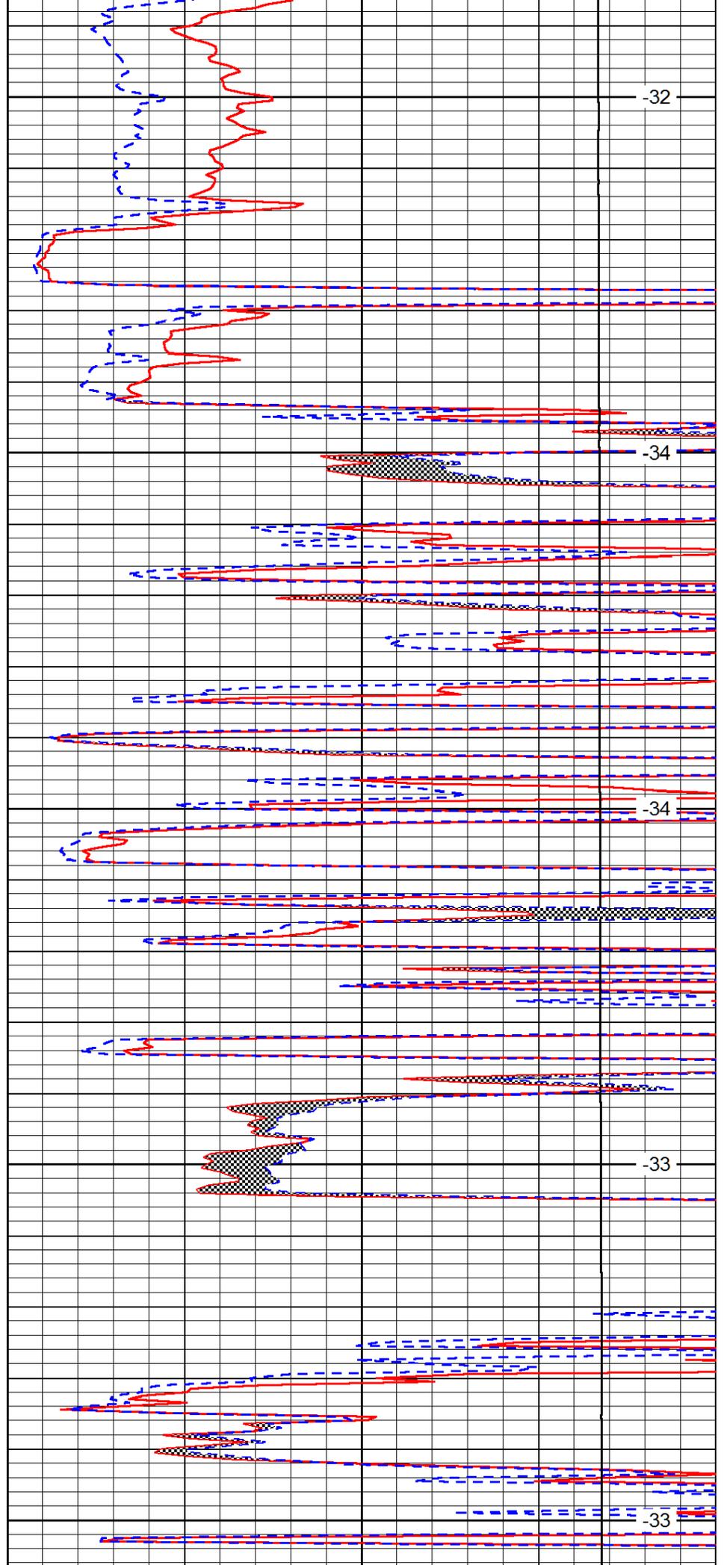
2900

2950

3000

3050

3100



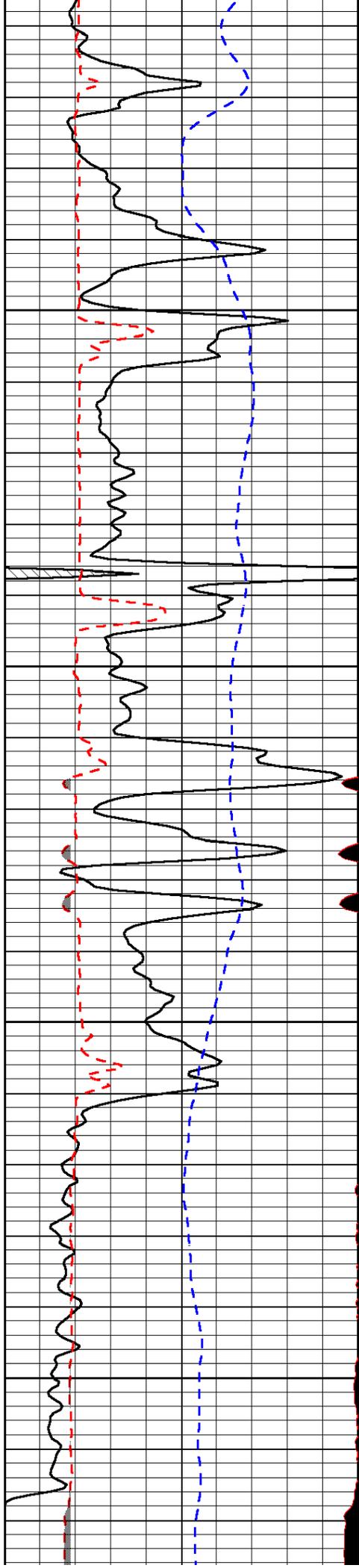
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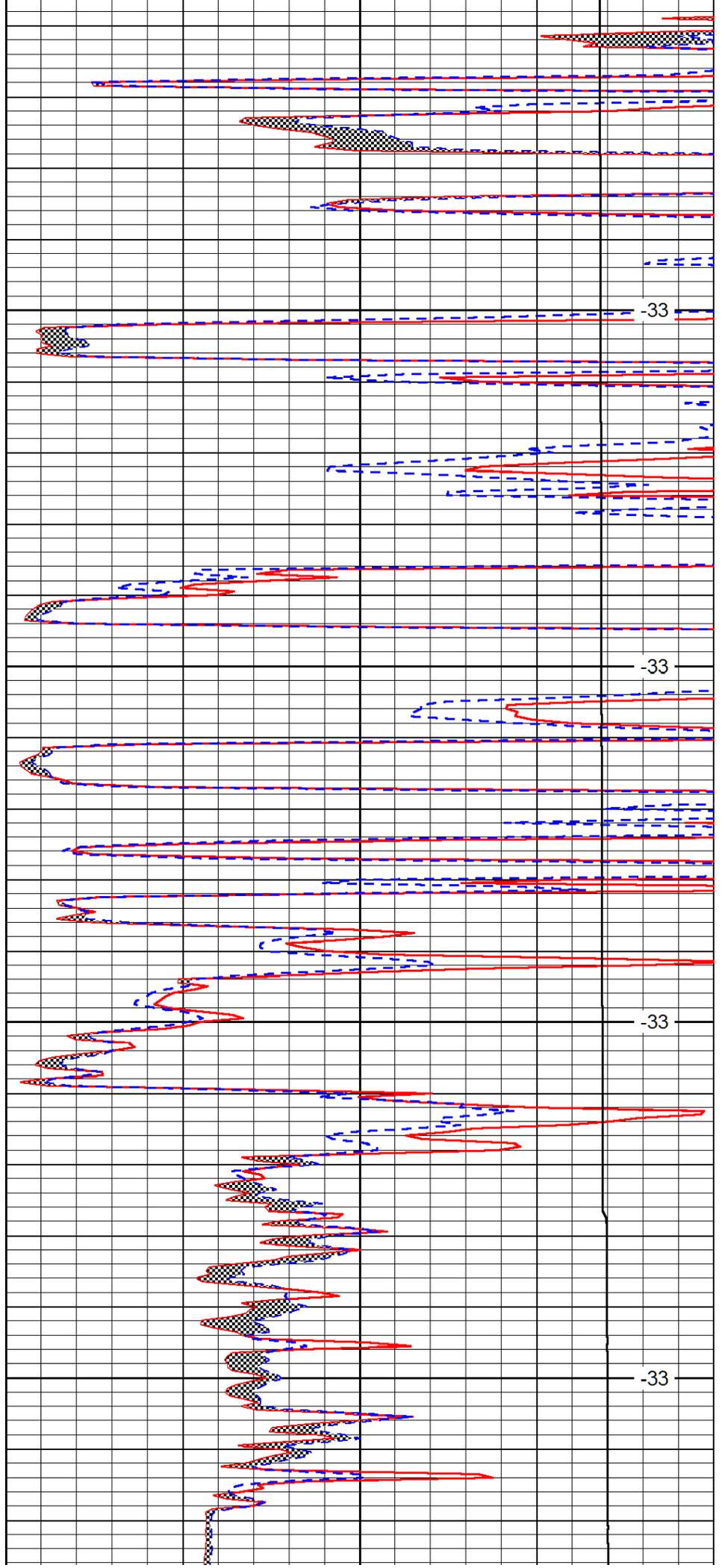


3150

3200

3250

3300

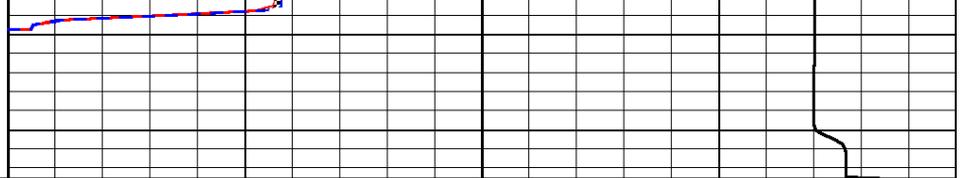
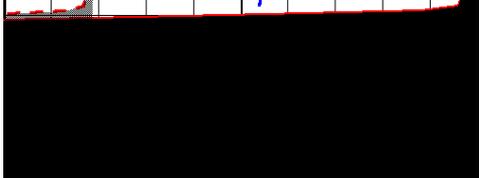


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