



# Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-101-22,345-00-00

Company Larson Engineering, Inc.

Well Paris No.1-7

Field Wildcat

County Lane State Kansas

Location 2030' FNL & 1200' FWL

Sec: 7 Twp: 19S Rge: 28W

Permanent Datum Ground Level Elevation 2799

Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing K.B. 2806  
D.F. 2799  
G.L. 2799

Date 2/27/2012

Run Number Two

Depth Driller 4700

Depth Logger 4700

Bottom Logged Interval 4699

Top Log Interval 3600

Casing Driller 8.625 @ 261

Casing Logger 256

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity,ppm CL 3.600

Density / Viscosity 9.1 61

pH / Fluid Loss 9.5 6.4

Source of Sample Flowline

Rm @ Meas. Temp .6 @ 48

Rmf @ Meas. Temp .45 @ 48

Rmc @ Meas. Temp .81 @ 48

Source of Rmf / Rmc Charts

Rm @ BHT .23 @ 123

Operating Rig Time 4 Hours

Max Rec. Temp. F 123

Equipment Number 17

Location Hays

Recorded By C. Desai

Witnessed By Vern Schrag

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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.

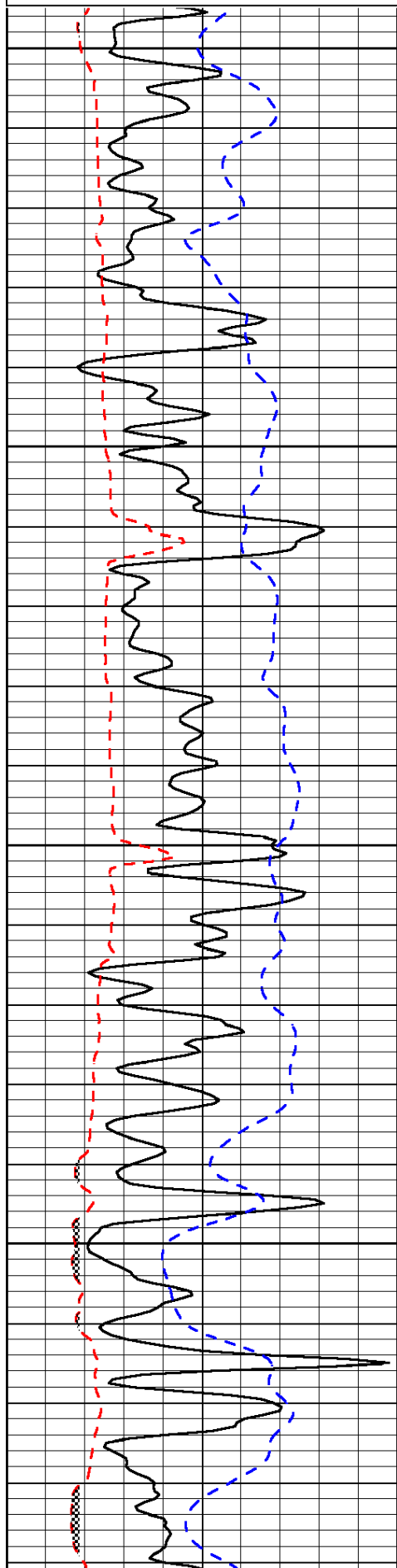
## Comments

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

Dighton KS,  
4 1/8 S, E Into

Database File: c:\warrior\data\larson\_paris no.1-7\larsonhd.db  
Dataset Pathname: dil\larstk  
Presentation Format: micro  
Dataset Creation: Mon Feb 27 05:13:21 2012  
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   |



3600

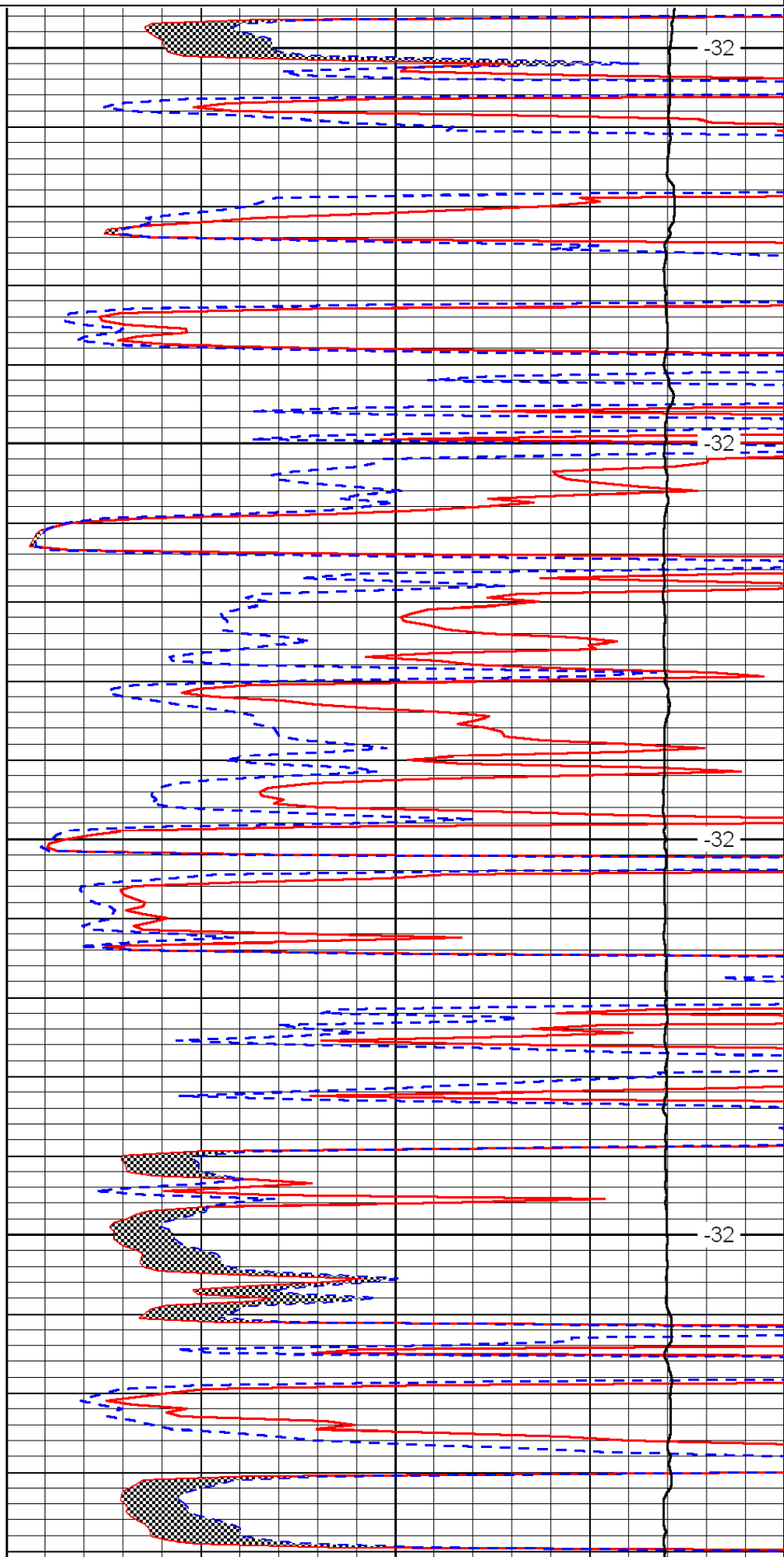
3650

3700

3750

|       |                     |    |
|-------|---------------------|----|
| 0     | Micro Inverse 1 X 1 | 40 |
| 0     | Micro Normal 2"     | 40 |
| 15000 | Line Weight         | 0  |

LSPD

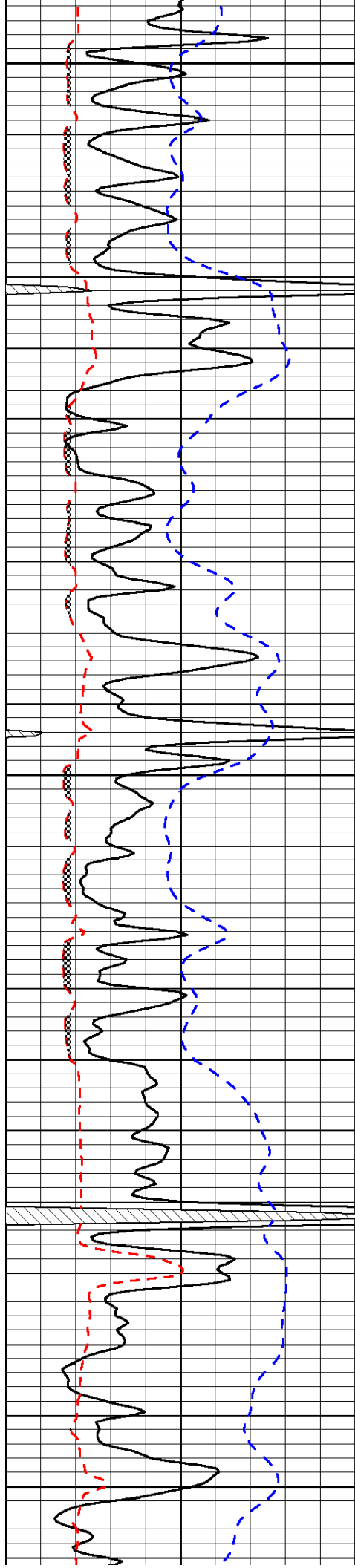


-32

-32

-32

-32



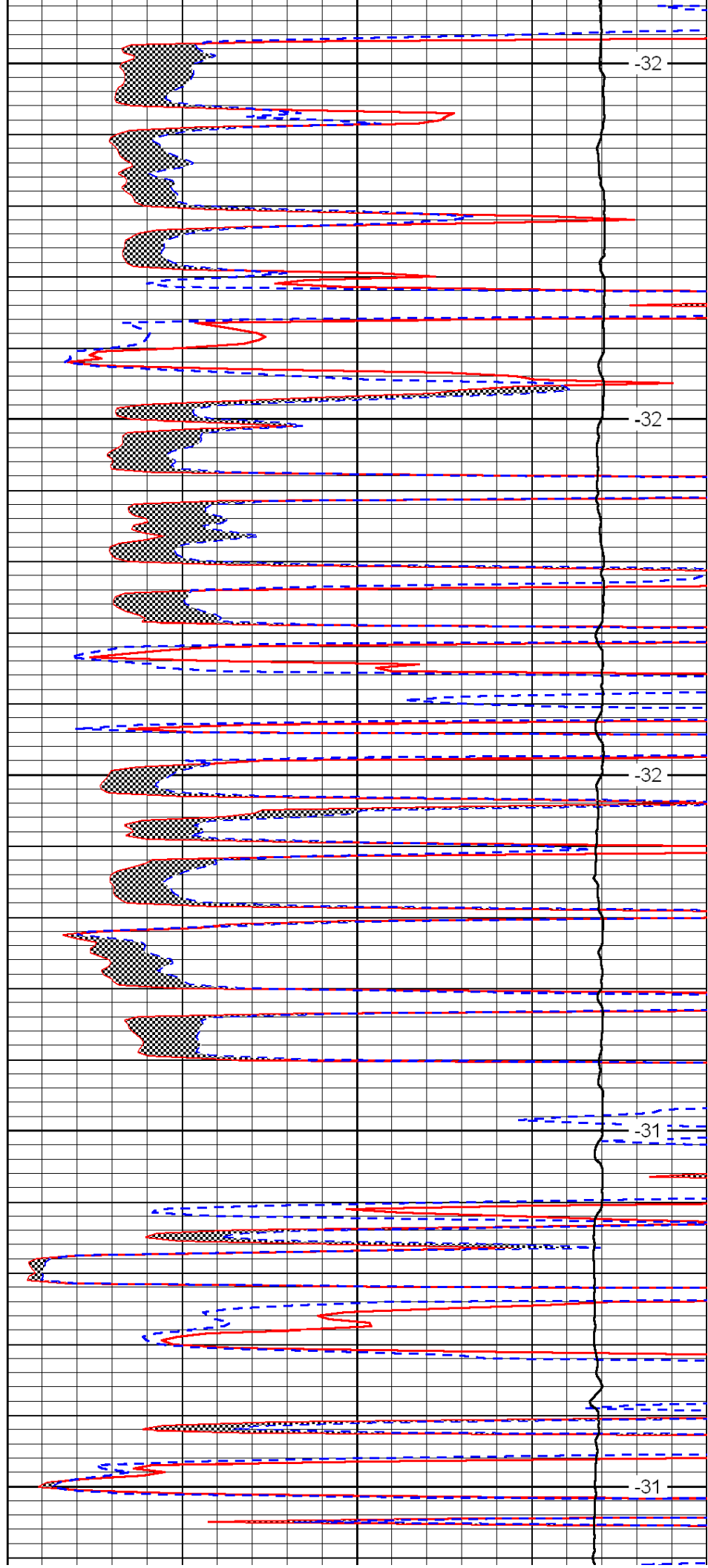
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3850

3900

3950

4000



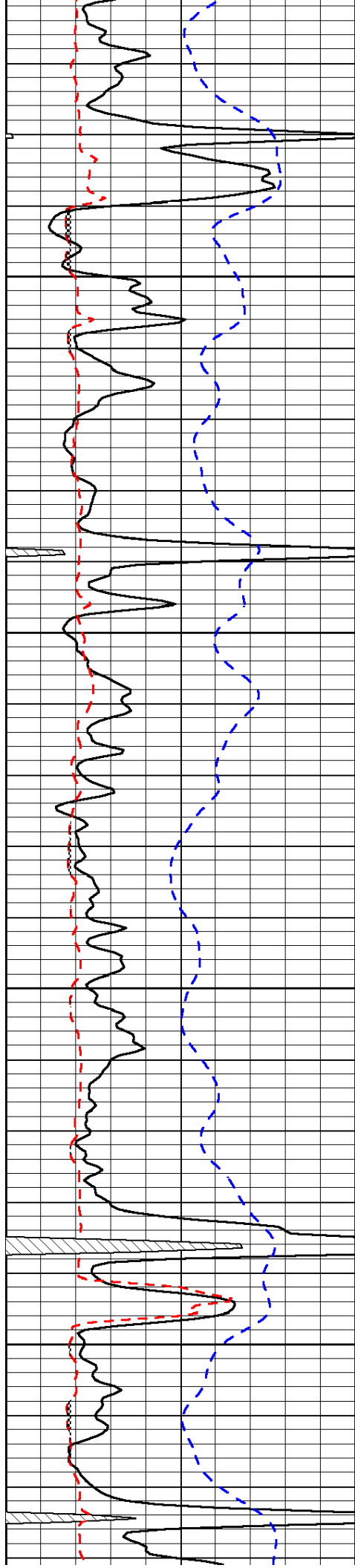
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-32

-32

-31

-31

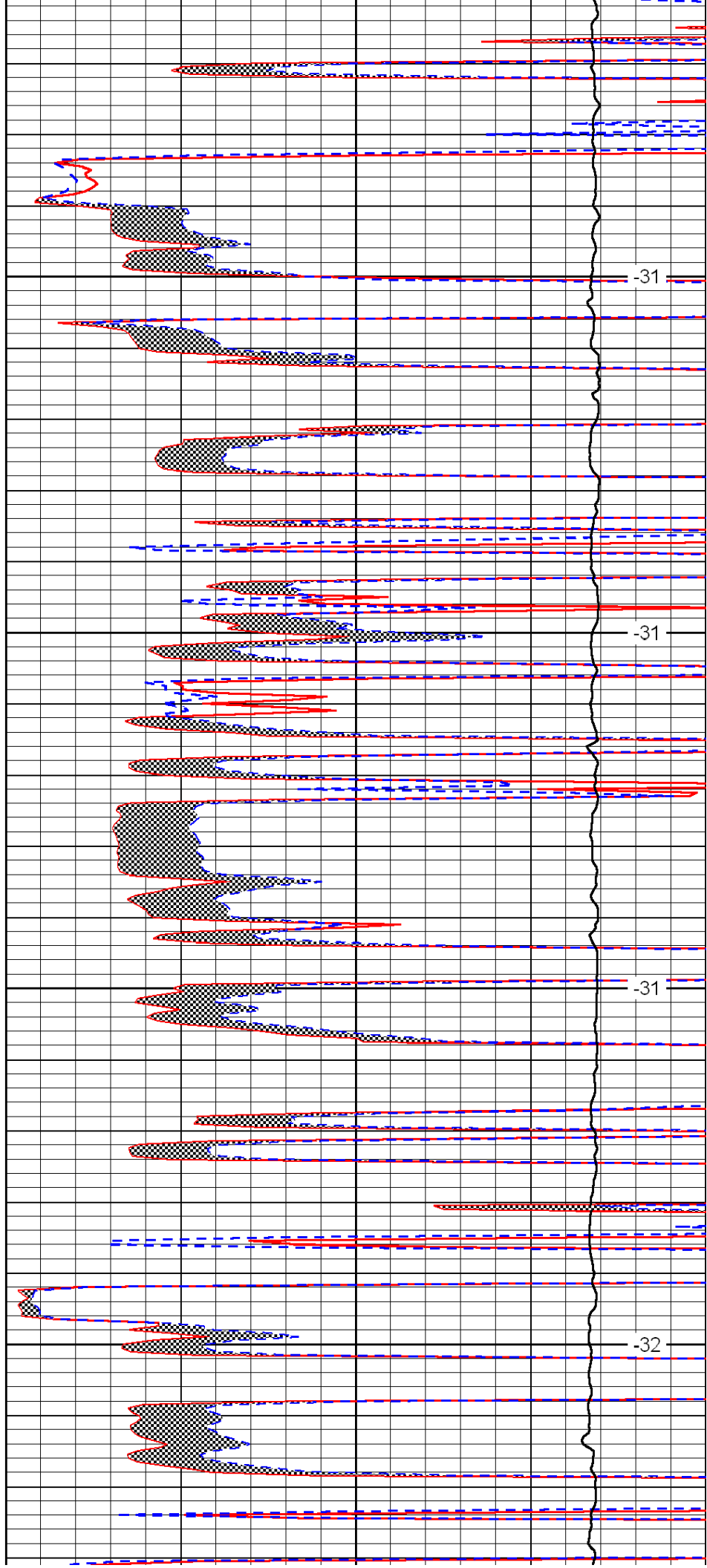


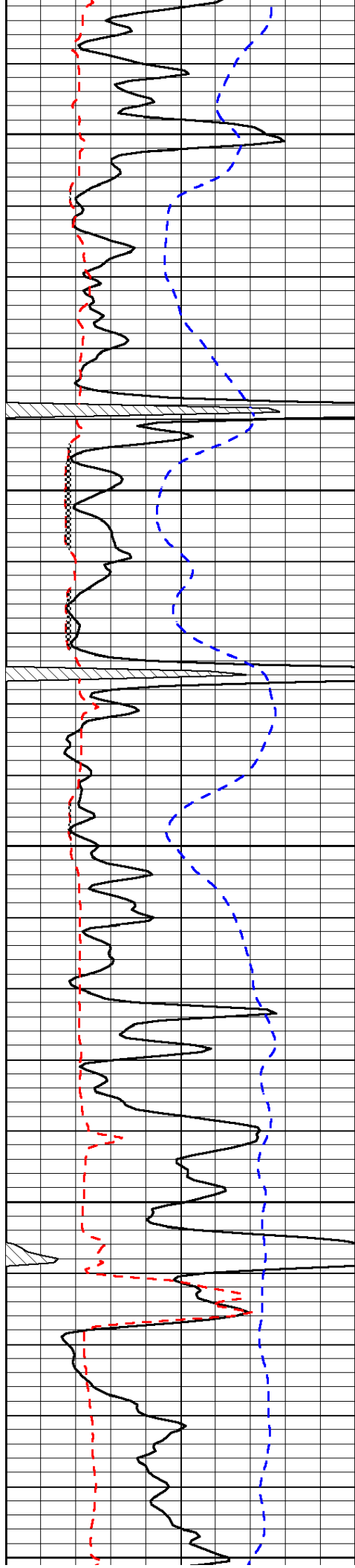
4050

4100

4150

4200





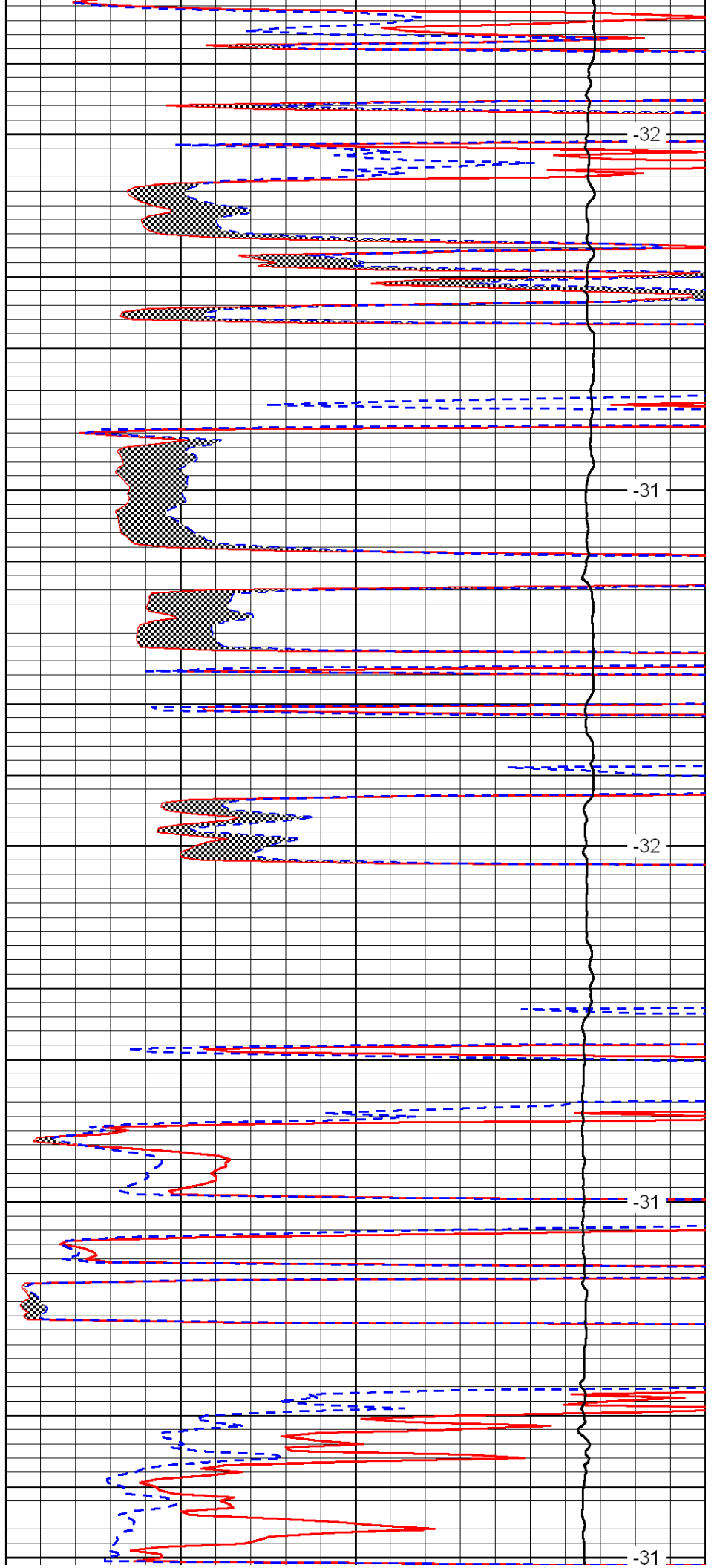
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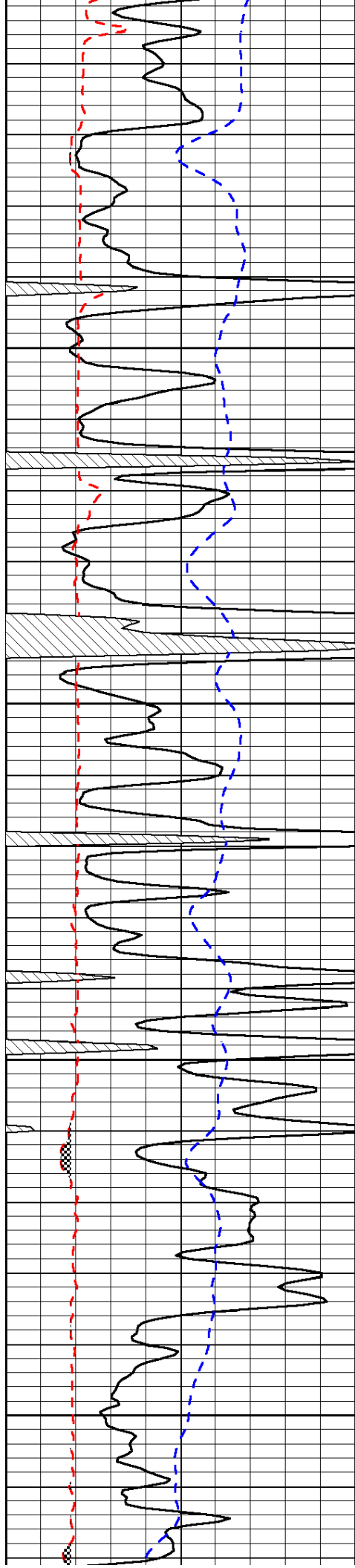
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4350

4400

4450



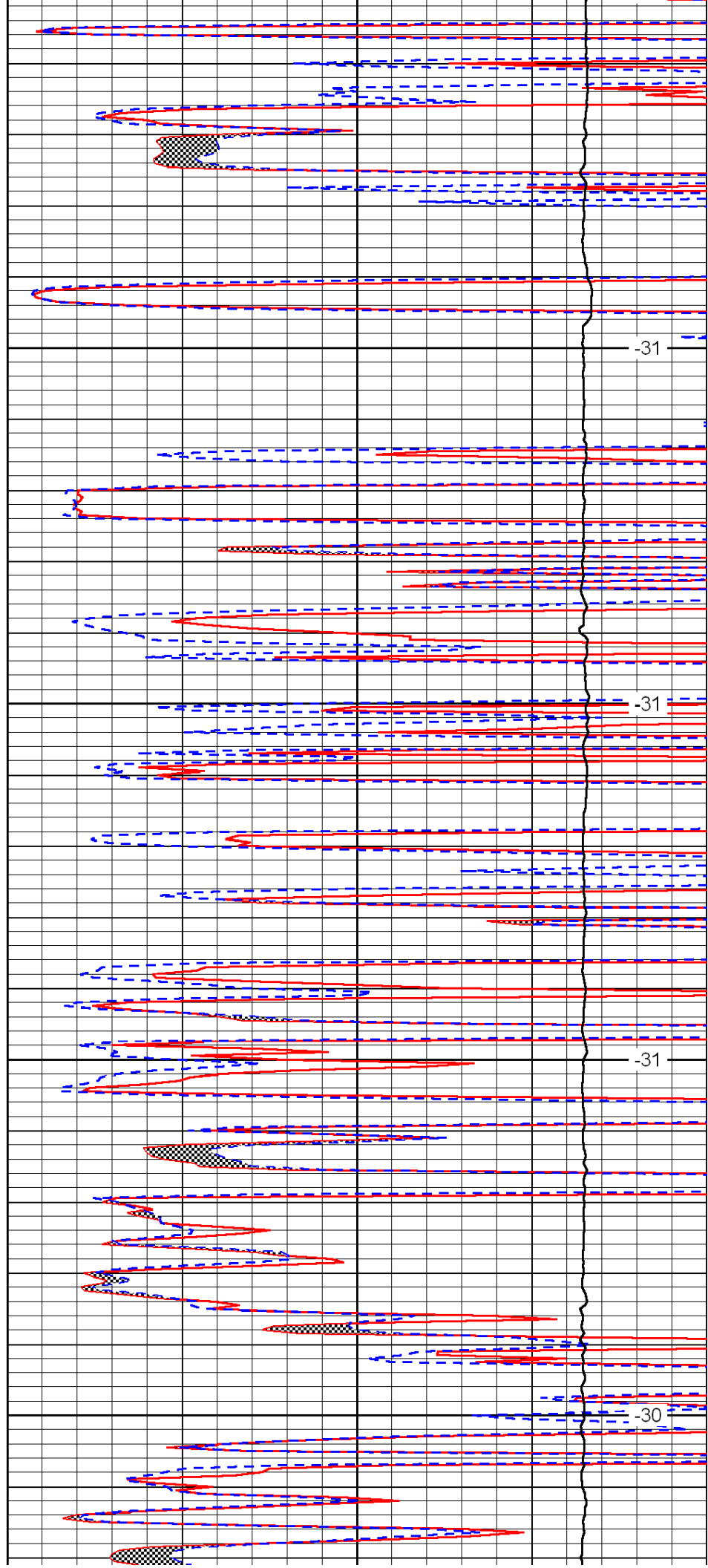


4500

4550

4600

4650

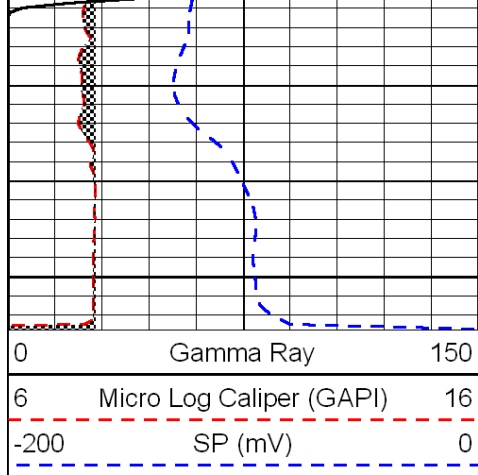


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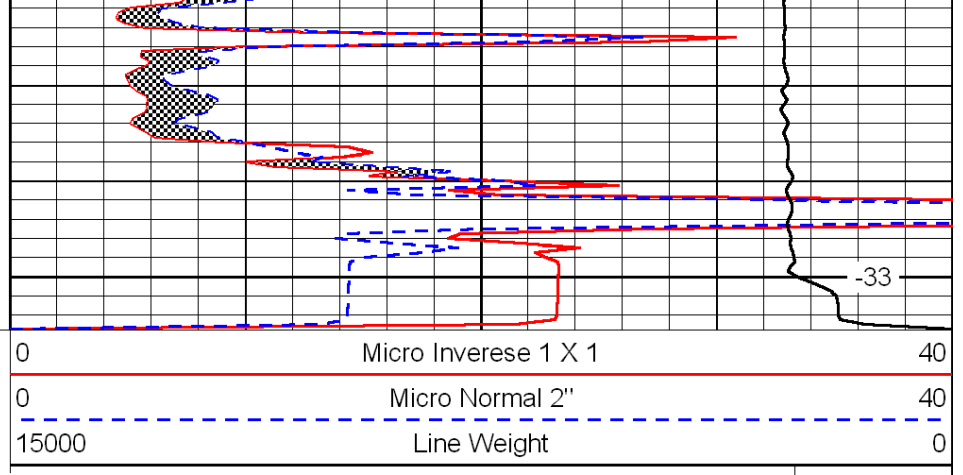
-31

-31

-30



4700



-33

LSPD