



# Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-051-25,936-00-00

Company Citation Oil & Gas Corporation

Well Wieland Unit No. 6-17

Field Fairport

County Ellis

State

Kansas

Location

330' FSL & 1650' FEL

Sec: 1 Twp: 13 S Rge: 16 W

Permanent Datum Groun Level Elevation 1949  
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

Elevation

K.B. 1957

D.F. 1949

G.L. 1949

Date 2/06/2010

Run Number Two

Depth Driller 3525

Depth Logger 3526

Bottom Logged Interval 3525

Top Log Interval 2400

Casing Driller 8.625 @ 1007

Casing Logger 1006

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 7.500

Density / Viscosity 9.4 57

pH / Fluid Loss 9.0 10.4

Source of Sample Flowline

Rm @ Meas. Temp .44 @ 58

Rmf @ Meas. Temp .33 @ 58

Rmc @ Meas. Temp .59 @ 58

Source of Rmf / Rmc Charts

Rm @ BHT .23 @ 113

Operating Rig Time 4 Hours

Max Rec. Temp. F 113

Equipment Number 007

Location Hays

Recorded By K. Bange

Witnessed By Ed Glassman

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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

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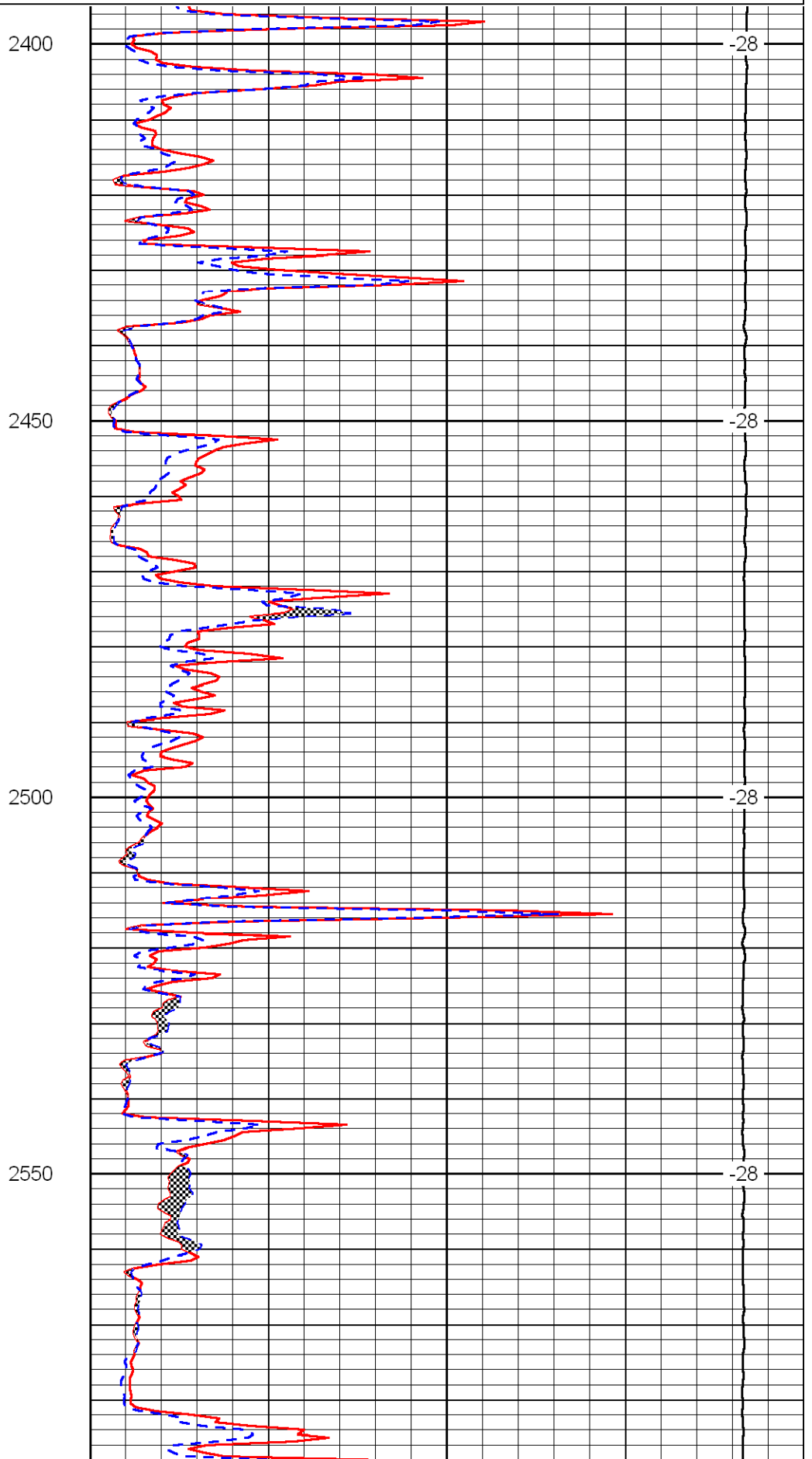
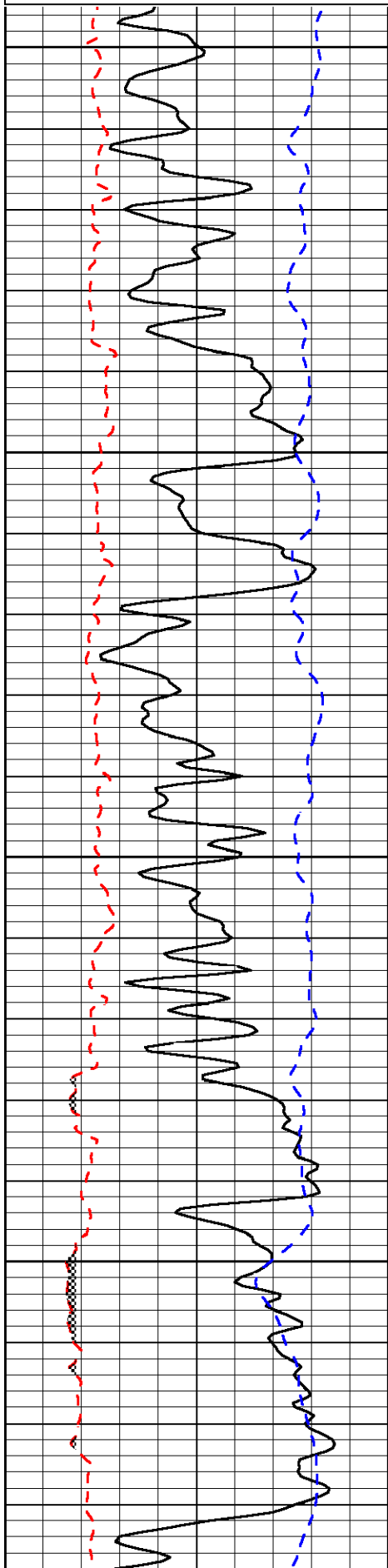
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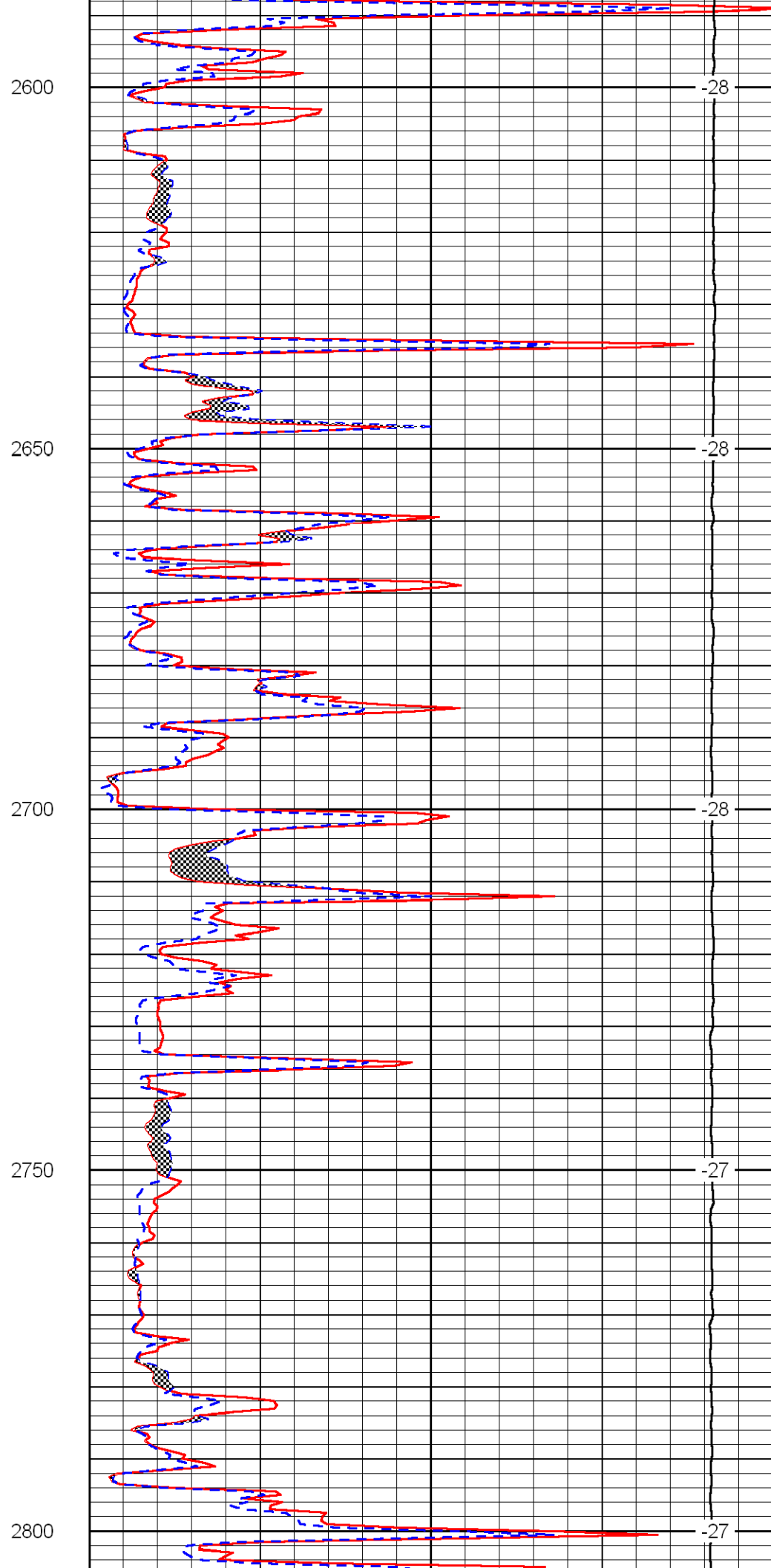
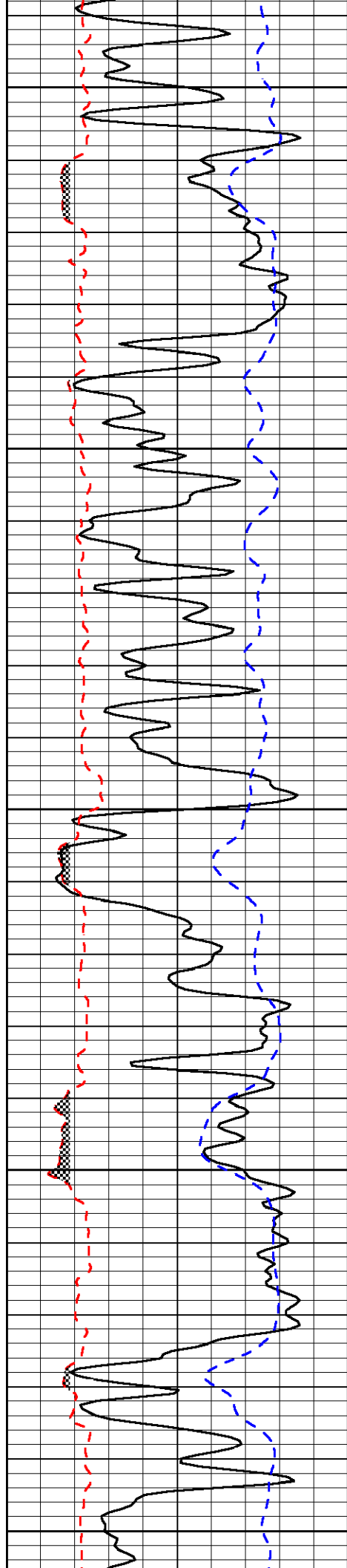
Database File: c:\warrior\data\citation\_wieland unit no. 6-17\citationhd.db  
Dataset Pathname: dil/stack  
Presentation Format: micro  
Dataset Creation: Sat Feb 06 16:03:57 2010  
Charted by: Depth in Feet scaled 1:240

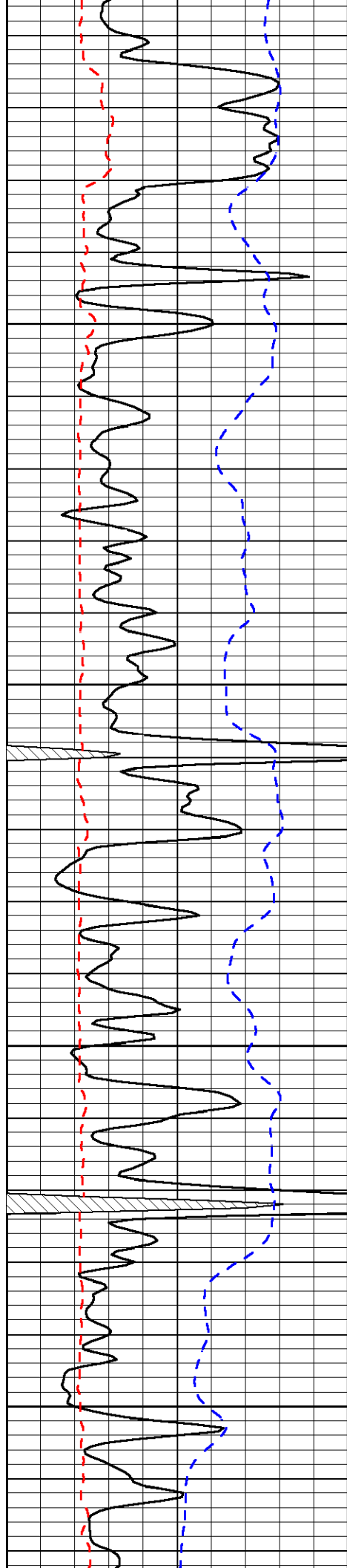
|      |                        |     |
|------|------------------------|-----|
| 0    | Gamma Ray              | 150 |
| 6    | Micro Log Caliper (in) | 16  |
| -200 | SP (MV)                | 0   |

|       |                             |    |
|-------|-----------------------------|----|
| 0     | Micro Inverse 1 X 1 (Ohm-m) | 40 |
| 0     | Micro Normal 2" (Ohm-m)     | 40 |
| 15000 | Line Weight (lb)            | 0  |

LSPD  
(ft/min)





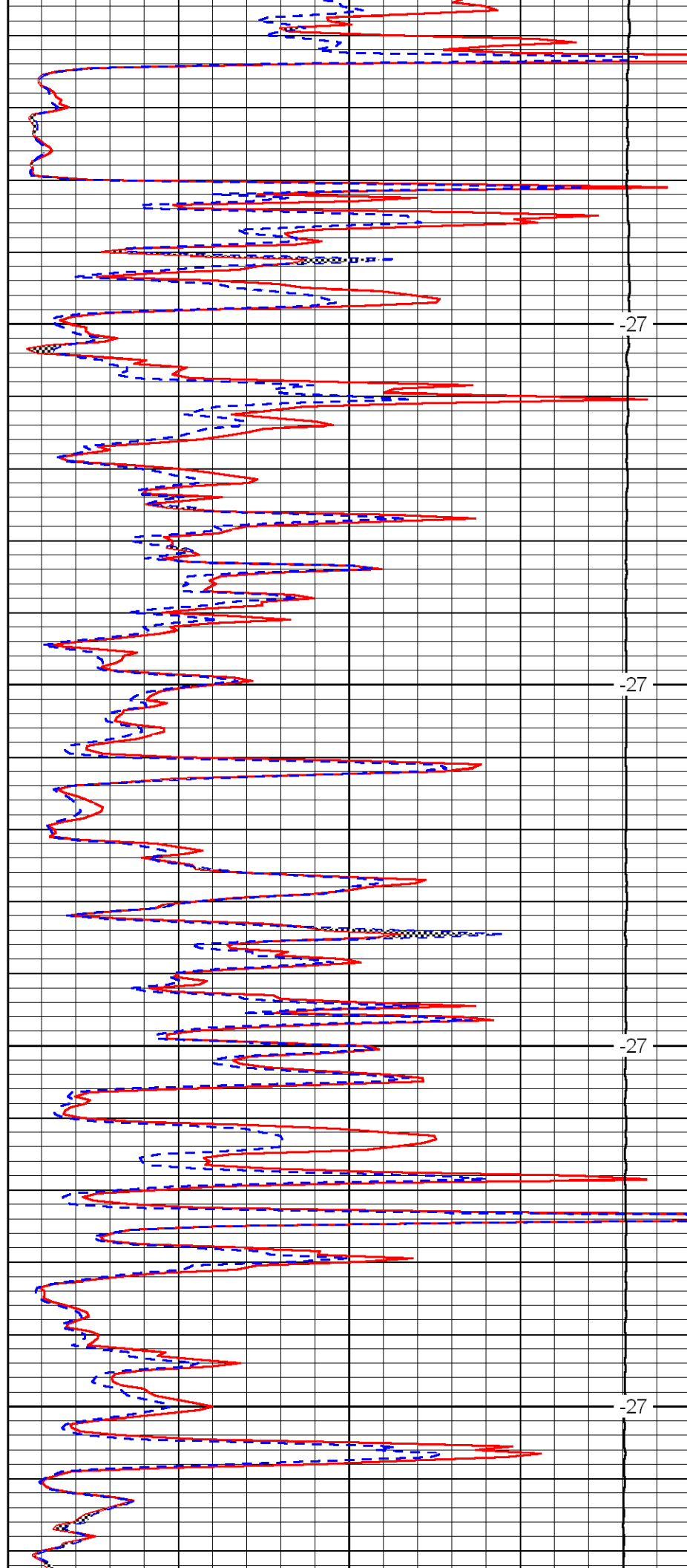


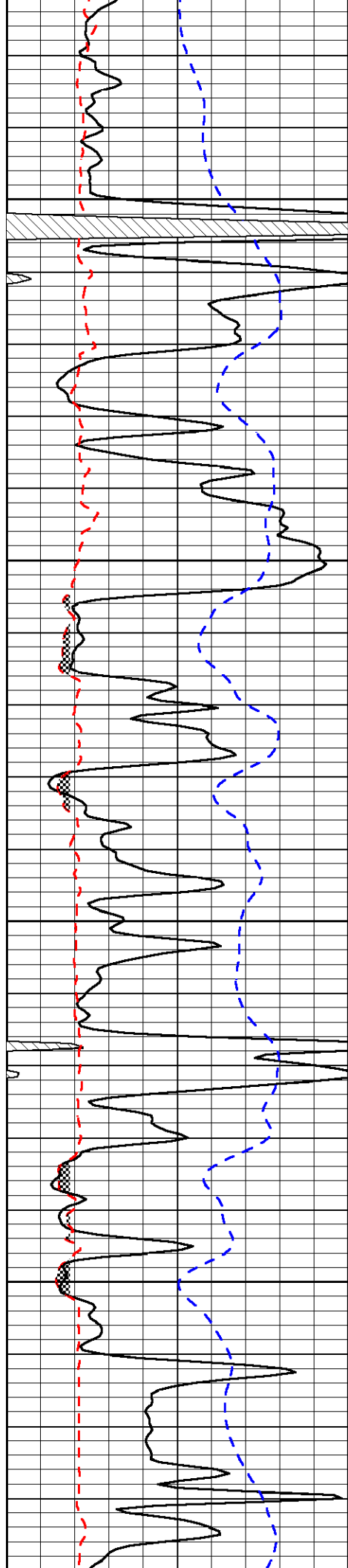
2850

2900

2950

3000



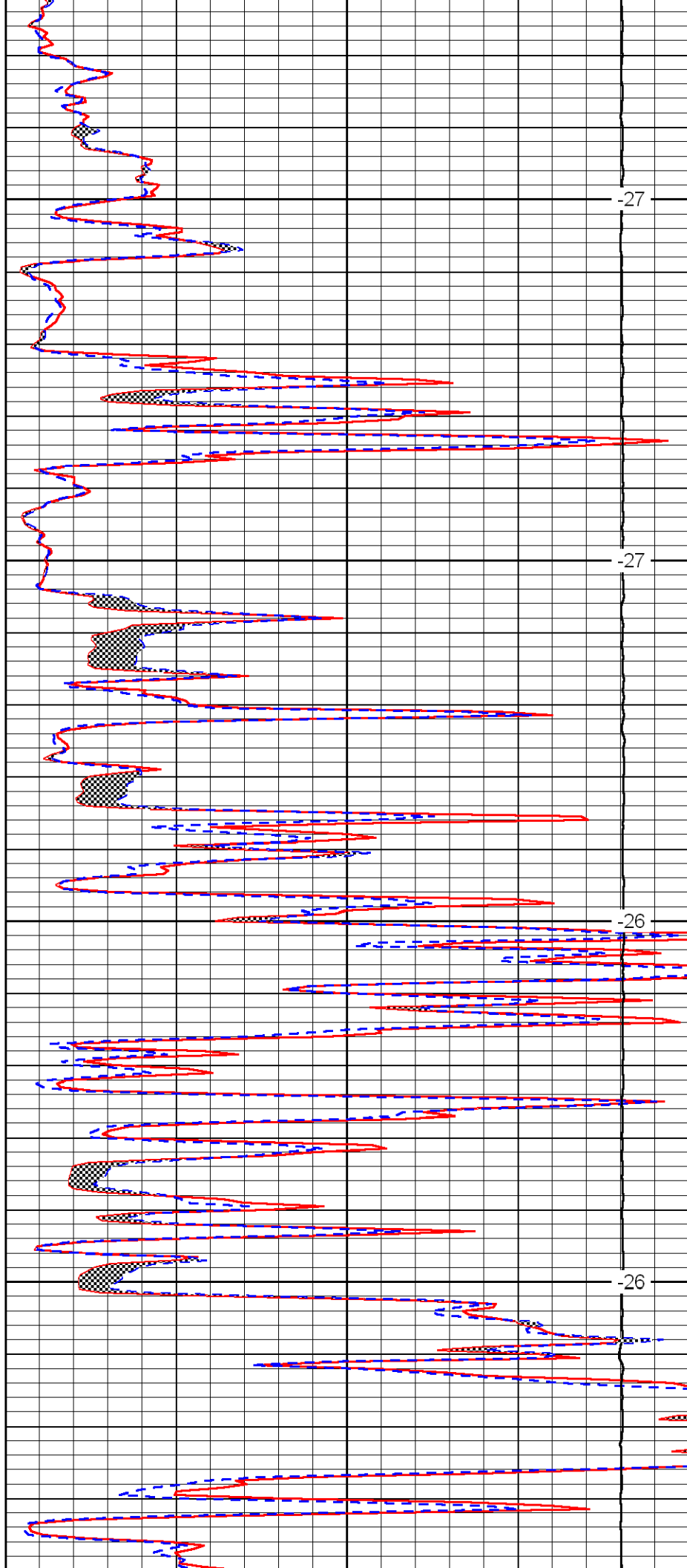


3050

3100

3150

3200

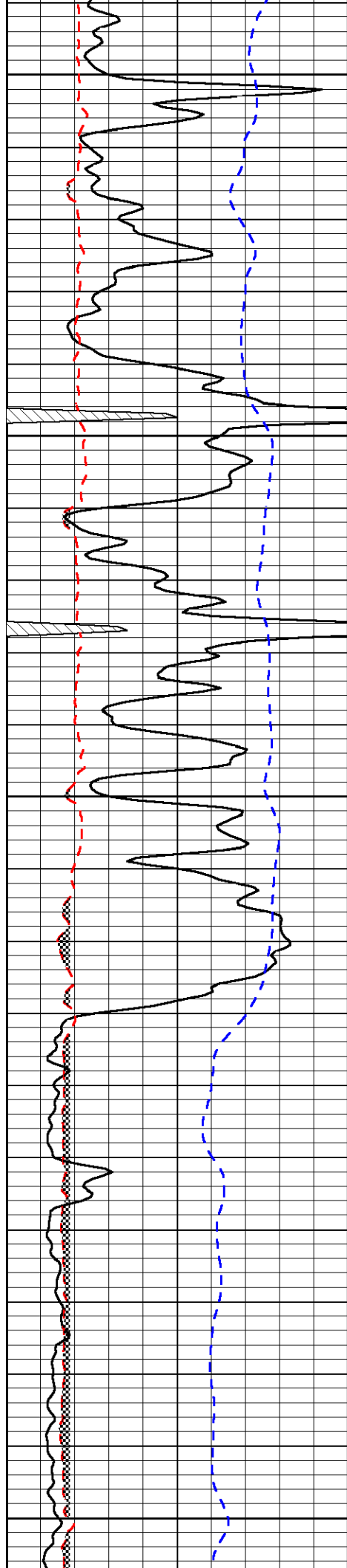


-27

-27

-26

-26



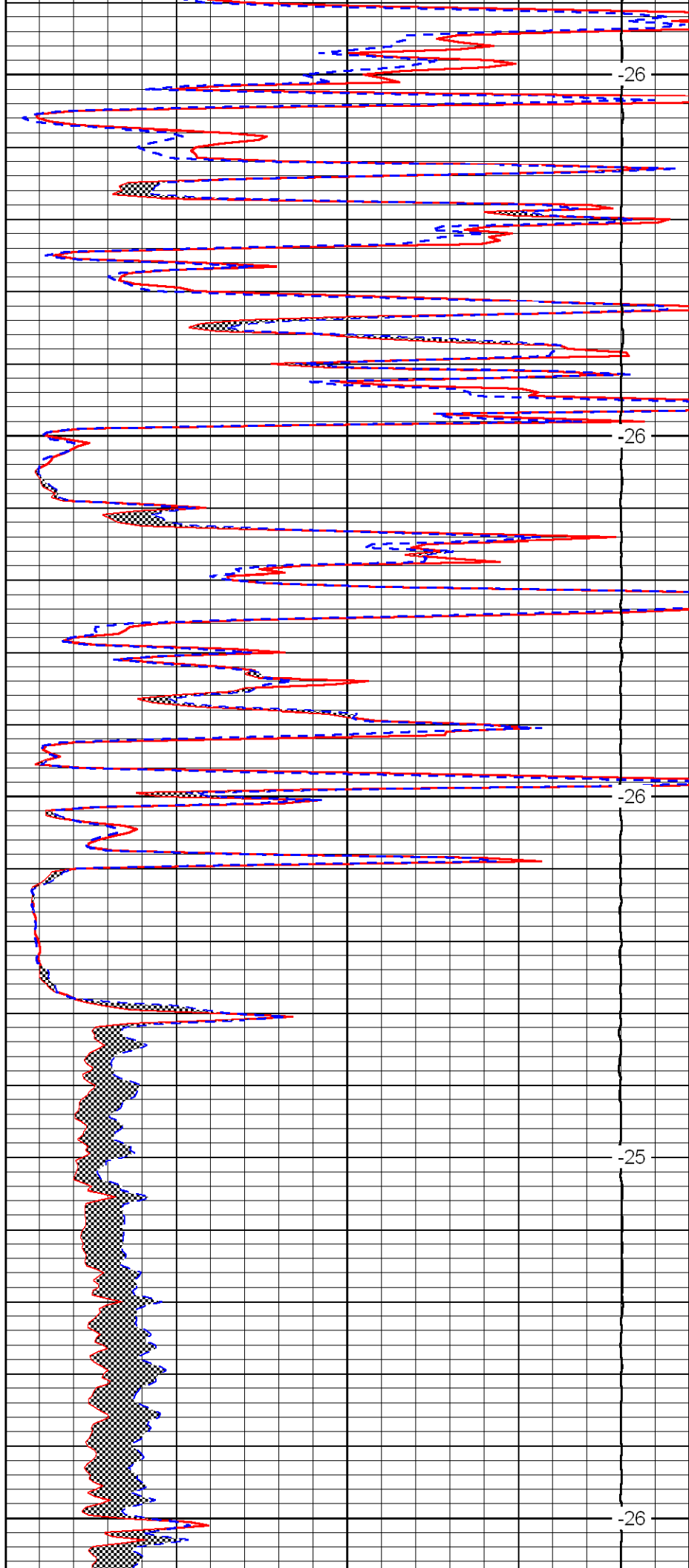
3250

3300

3350

3400

3450



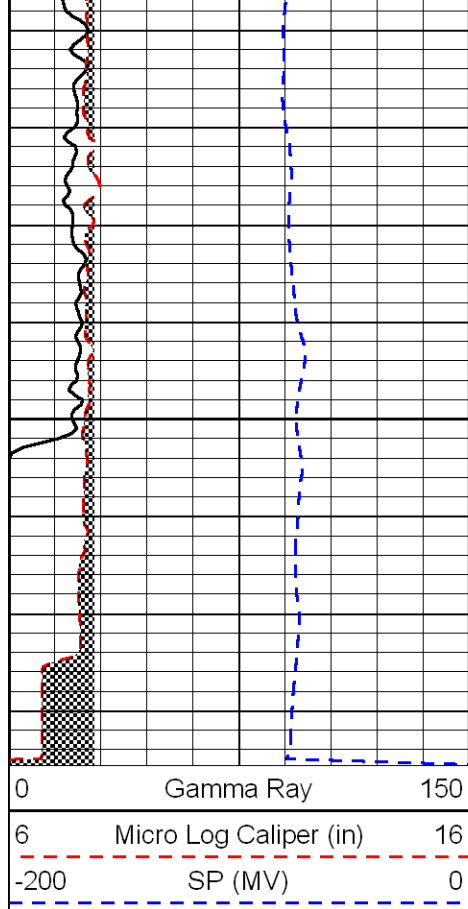
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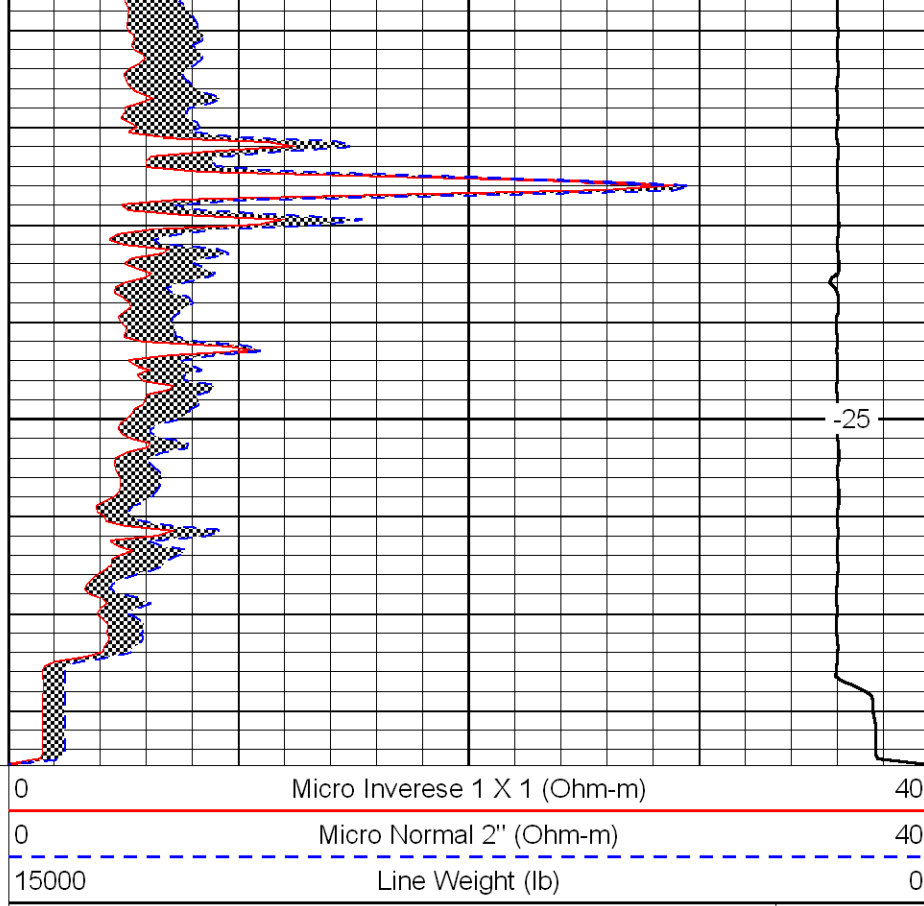
-26

-25

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3500



LSPD  
(ft/min)