



Microresistivity Log

Pioneer Energy Services

API No.

15-053-21313-00-00

Company American Warrior, Inc.

Well White #7-8

Field Stollenberg

County Ellsworth State

Kansas

Location 1425' FNL & 1800' FWL

Sec: 8 Twp: 16S Rge: 10W

Other Services
CNL/CDL
DIL

Permanent Datum Ground Level Elevation 1865

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation

K.B. 1873

D.F. 1865

Date 06/23/2014

Run Number One

Depth Driller 3446

Depth Logger 3449

Bottom Logged Interval 3448

Top Log Interval 2600

Casing Driller 8.625 @ 363

Casing Logger 358

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 4600

Density / Viscosity 9.3 56

pH / Fluid Loss 11.0 8.0

Source of Sample Flowline

Rm @ Meas. Temp 0.65 @ 72

Rmf @ Meas. Temp 0.48 @ 72

Rmc @ Meas. Temp 0.87 @ 72

Source of Rmf / Rmc Charts

Rm @ BHT 0.42 @ 112

Operating Rig Time 3 Hours

Max Rec. Temp. F 112

Equipment Number 91

Location Hays

Recorded By M. Beougher

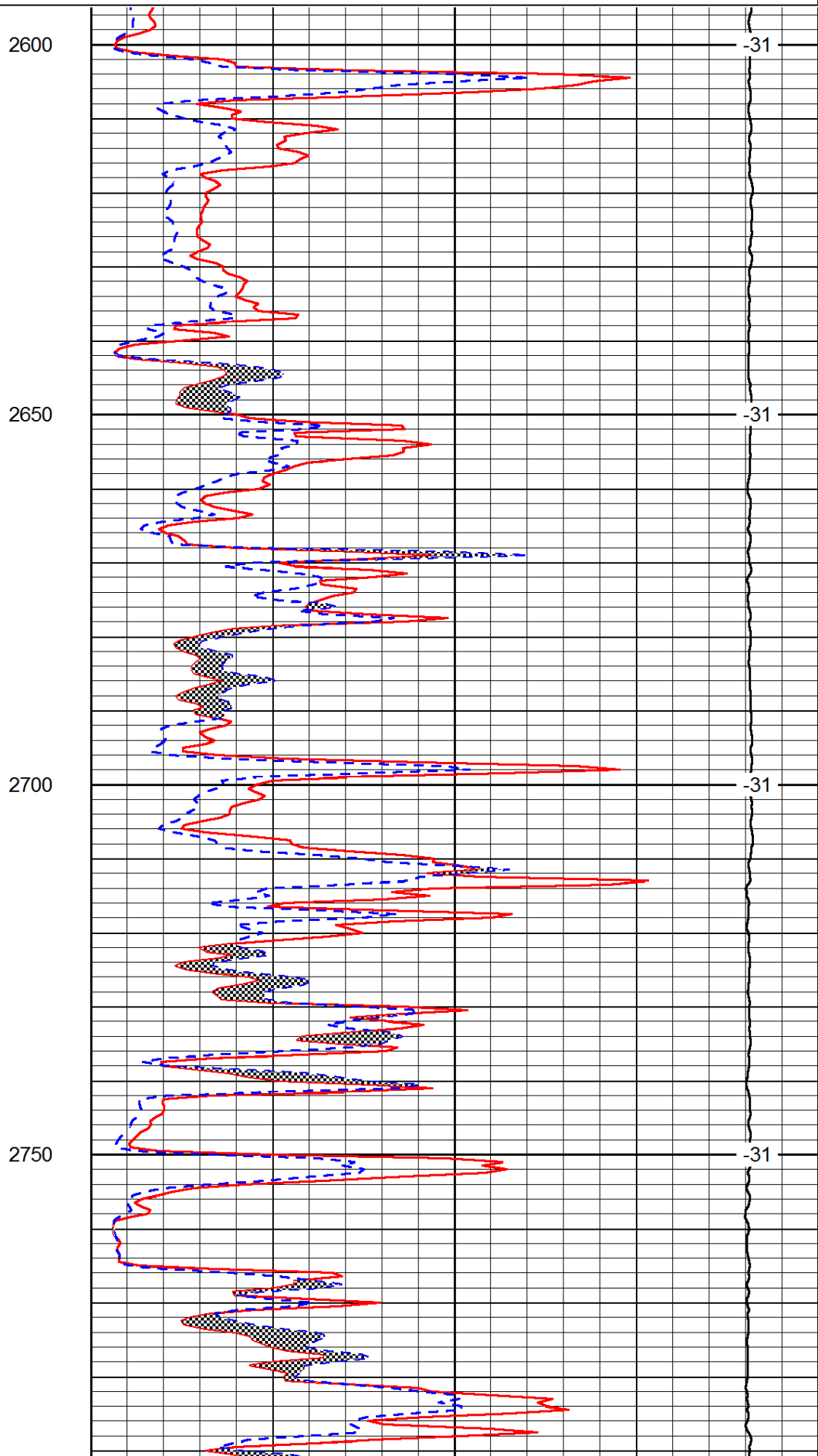
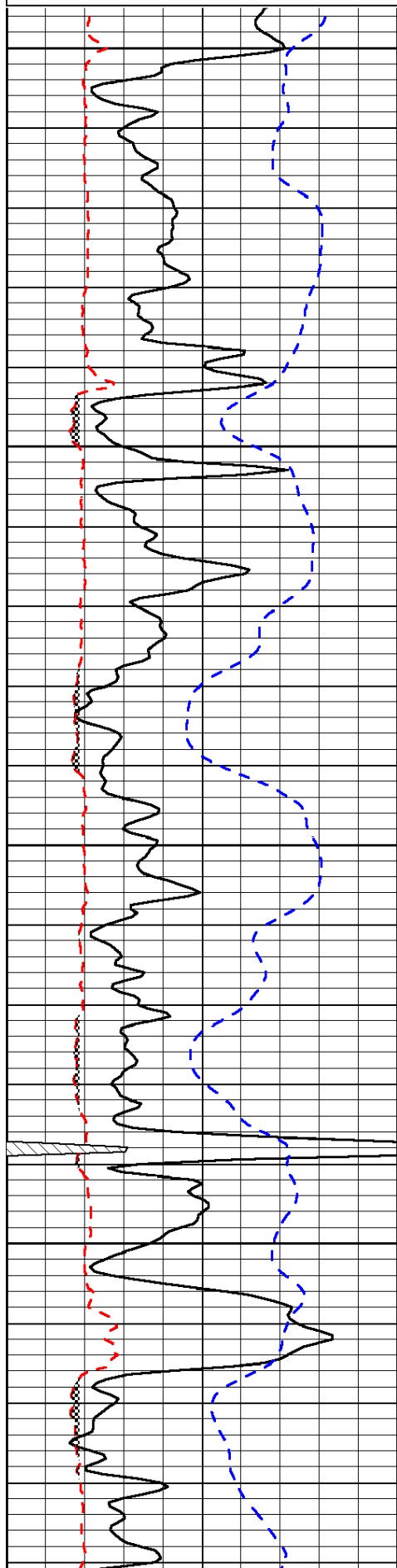
Witnessed By Jim Musgrove

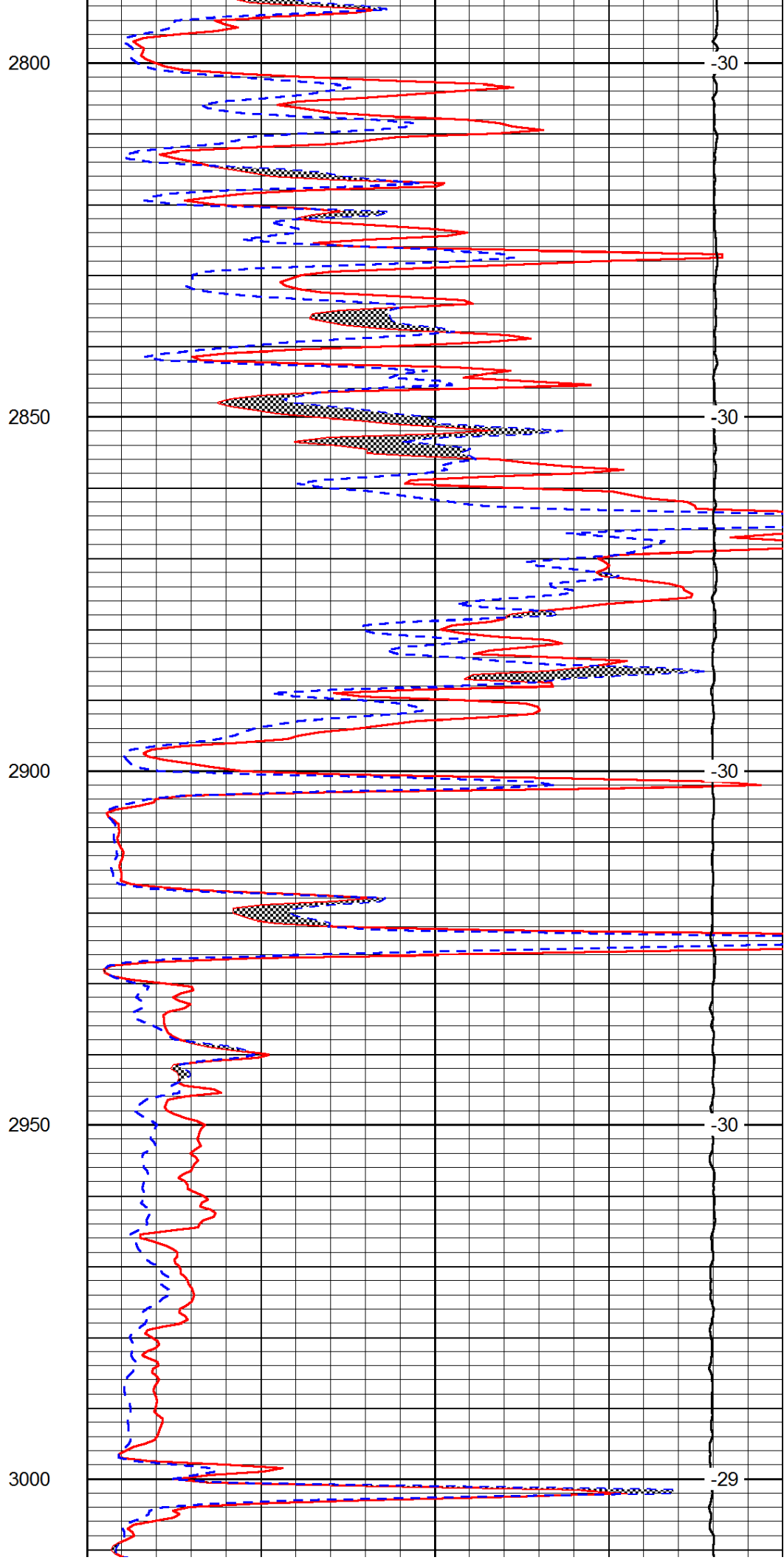
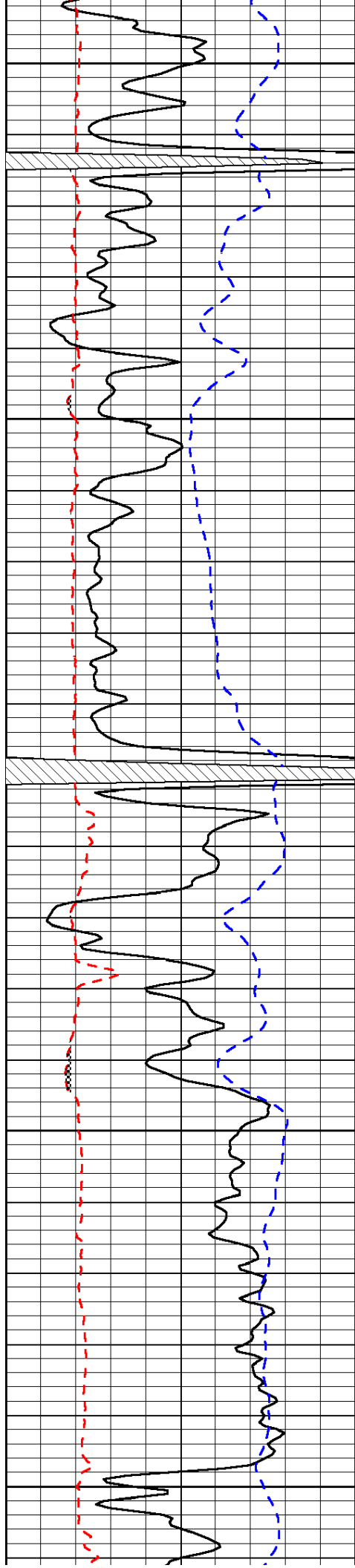
Comments

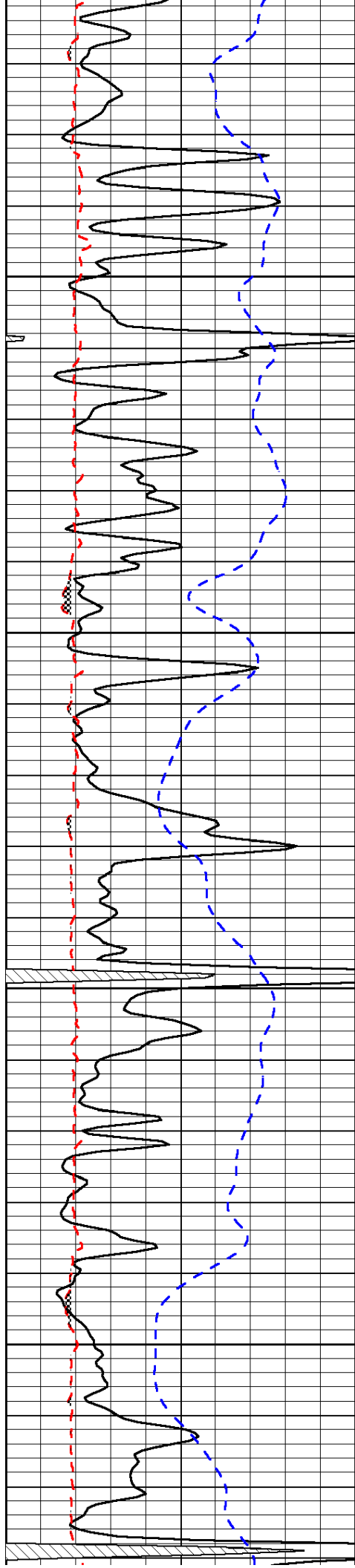
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Wilson,
South to Ave N,
East 1 1/2 Miles,
South Into

Database File: c:\warrior\data\amwar_white #7-8\american_white_7-8hd.db
Dataset Pathname: dil\awstkml
Presentation Format: micro
Dataset Creation: Tue Jun 24 01:07:34 2014
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





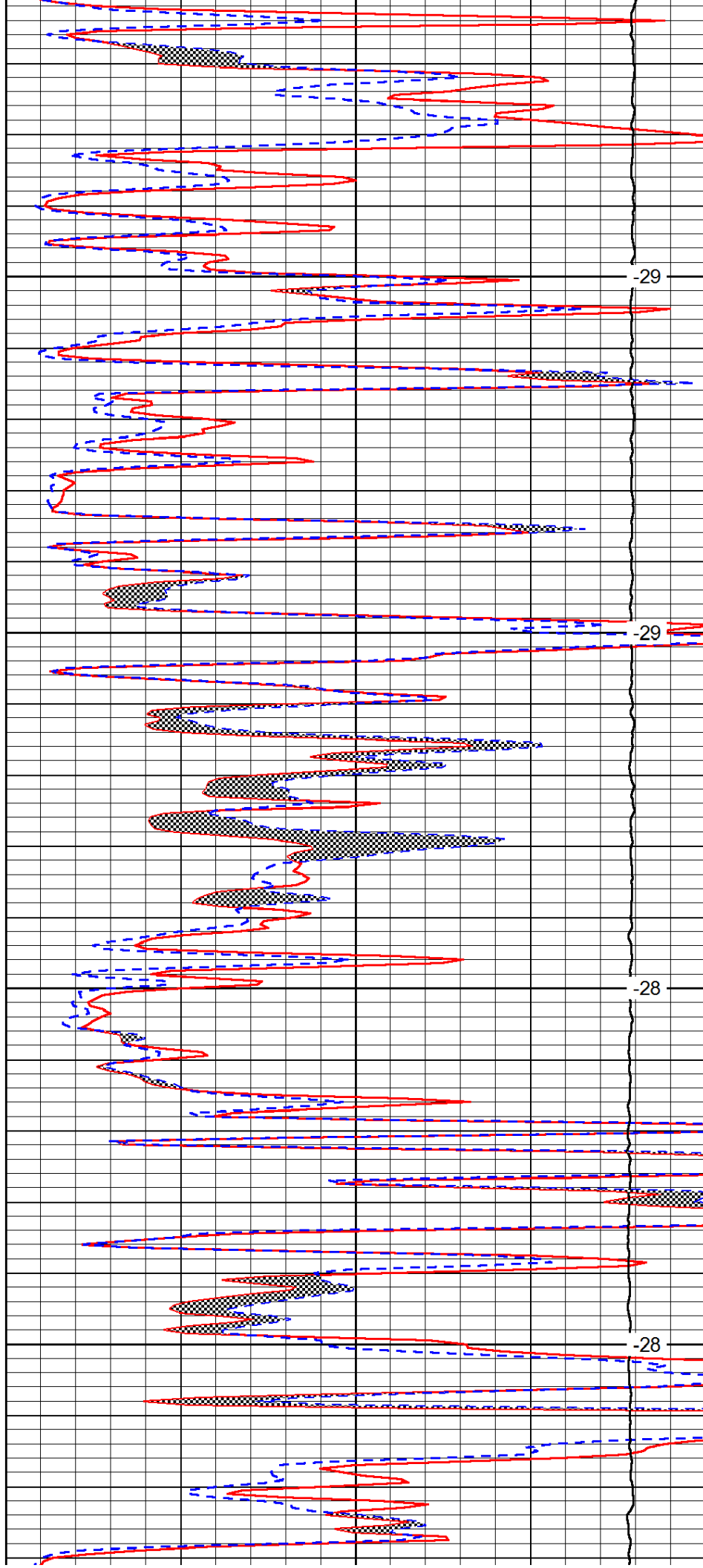


3050

3100

3150

3200

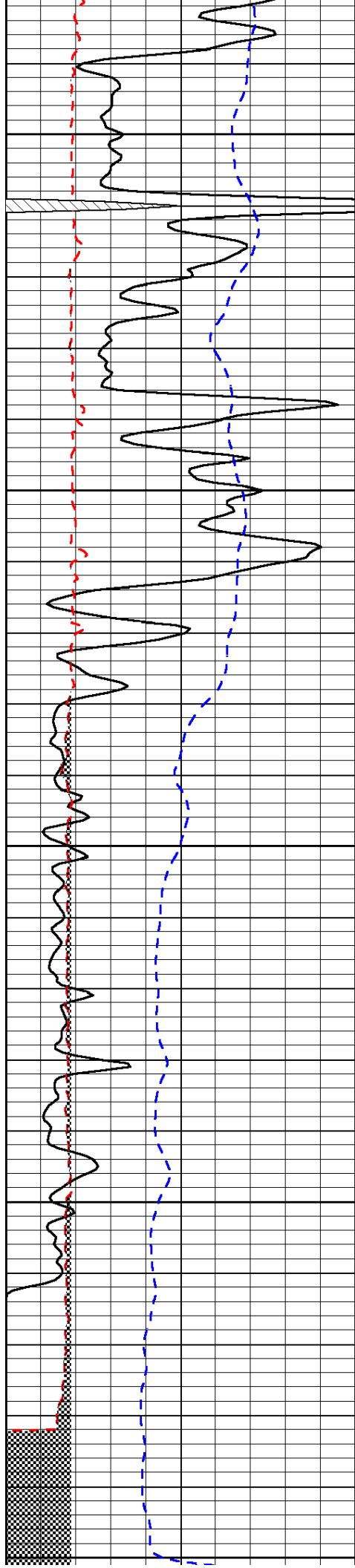


-29

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-28

-28



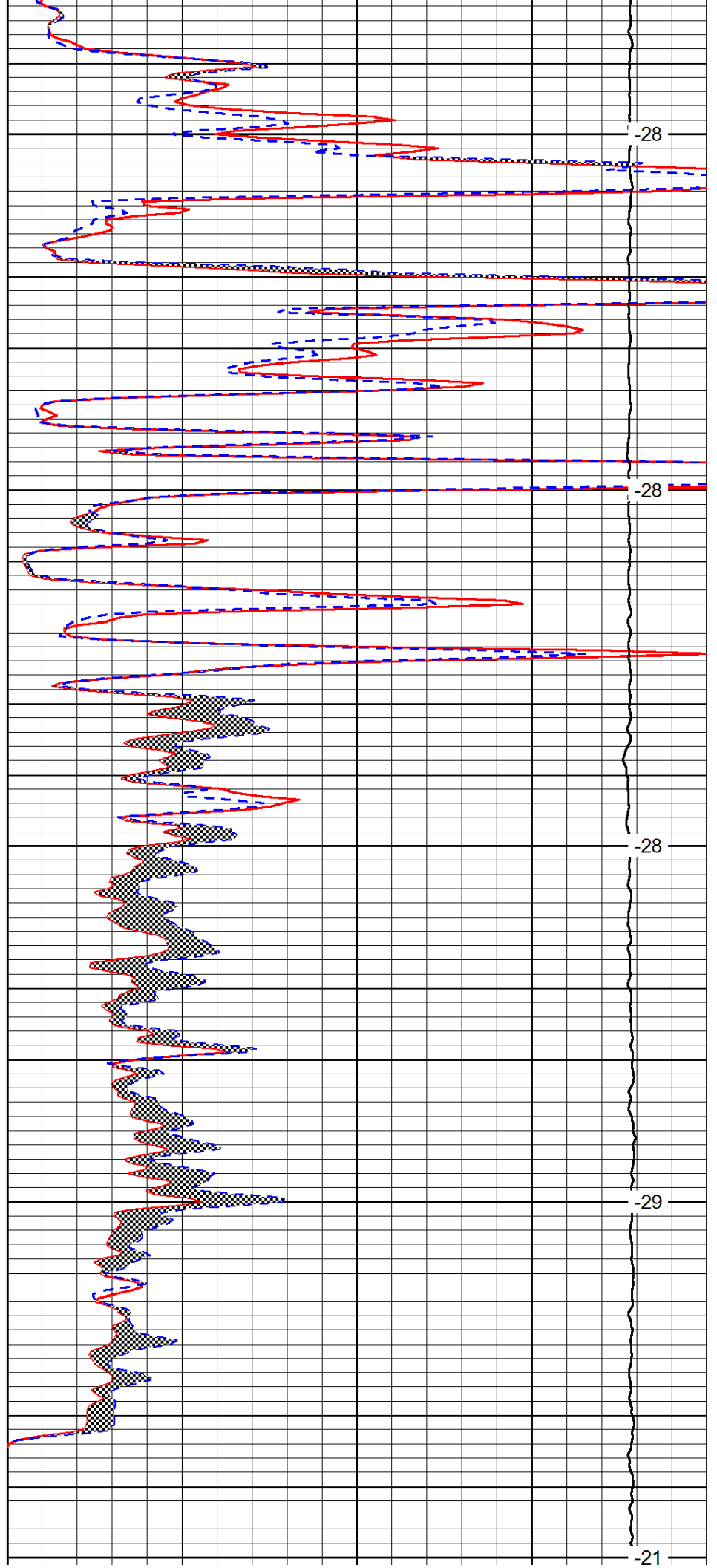
3250

3300

3350

3400

3450



-28

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-21

