



Microresistivity Log

Pioneer Energy Services

API No.

15-167-23,917-00-00

Company Prospect Oil & Gas, Inc.
Well Saline Breaks Ranch #3
Field Russell Northeast
County Russell State Kansas

Location

330' FSL & 1207' FEL

Other Services
CNL/CDL
DIL

Sec: 14

Twp: 13S

Rge: 14W

Elevation

K.B. 1819
D.F. 1814
G.L. 1814

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation 1814
5 Ft. Above Perm. Datum

Date

11/3/2013

Run Number

Two

Depth Driller

3360

Depth Logger

3361

Bottom Logged Interval

3360

Top Log Interval

2650

Casing Driller

8.625 @ 218

Casing Logger

217

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

4200

Density / Viscosity

9.2 48
10.0 7.8

pH / Fluid Loss

Flowline

Source of Sample

0.42 @ 63

Rm @ Meas. Temp

0.32 @ 63

Rmf @ Meas. Temp

0.57 @ 63

Rmc @ Meas. Temp

Charts

Source of Rmf / Rmc

0.24 @ 110

Rm @ BHT

3 1/2 Hours

Operating Rig Time

110

Max Rec. Temp. F

15

Equipment Number

Hays

Location

D. Kerr

Recorded By

Brad Hutchison

Witnessed By

<<< Fold Here >>>

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.

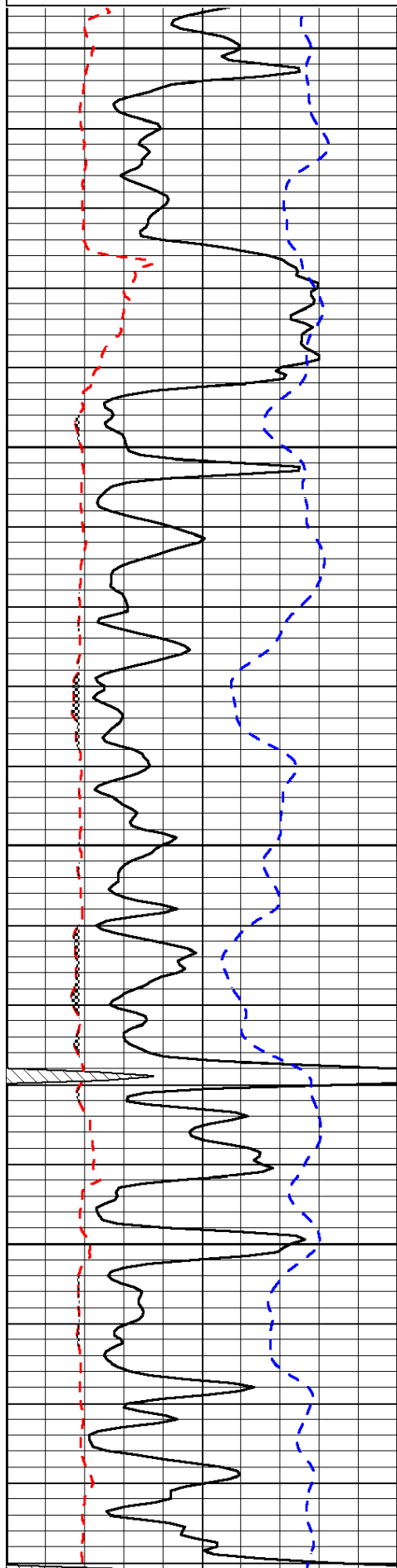
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Russell KS, 1 North to Shoreline RD,
East to Gates, 1/2 East Into

Database File: c:\warrior\data\prospect_saline breaks ranch #3\prospect_salinebreaks_3hd.db
Dataset Pathname: DIL\prostk
Presentation Format: micro
Dataset Creation: Sun Nov 03 20:24:48 2013
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

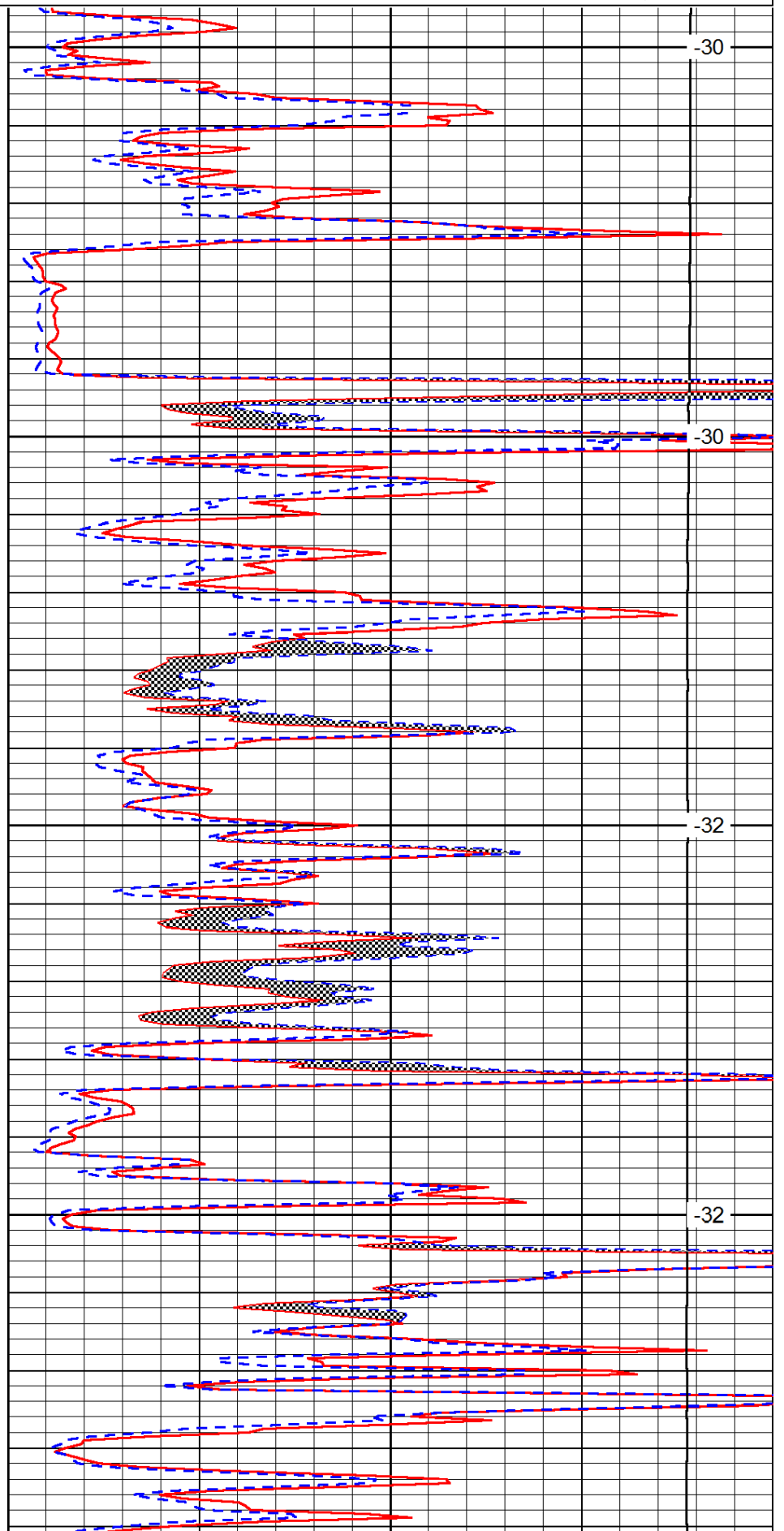


2650

2700

2750

2800

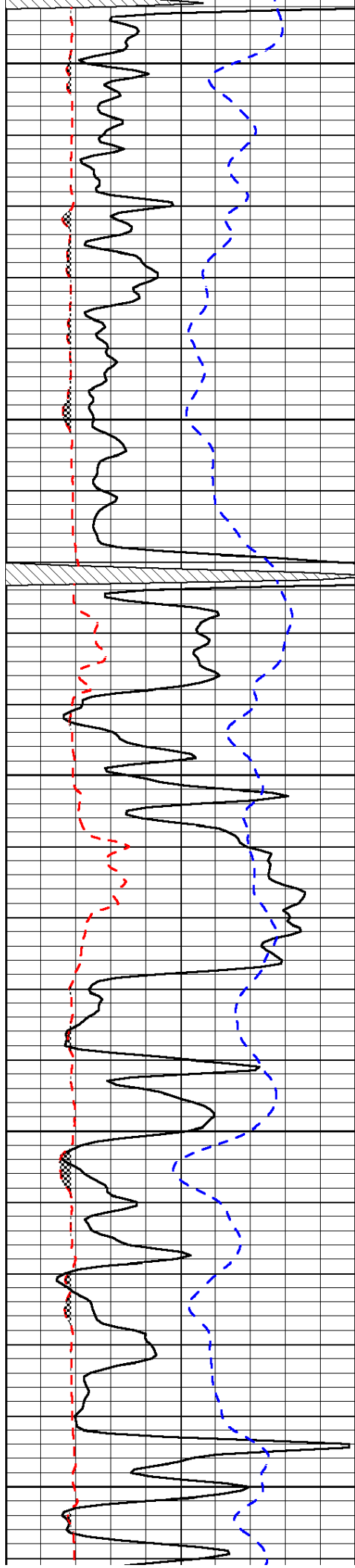


-30

-30

-32

-32



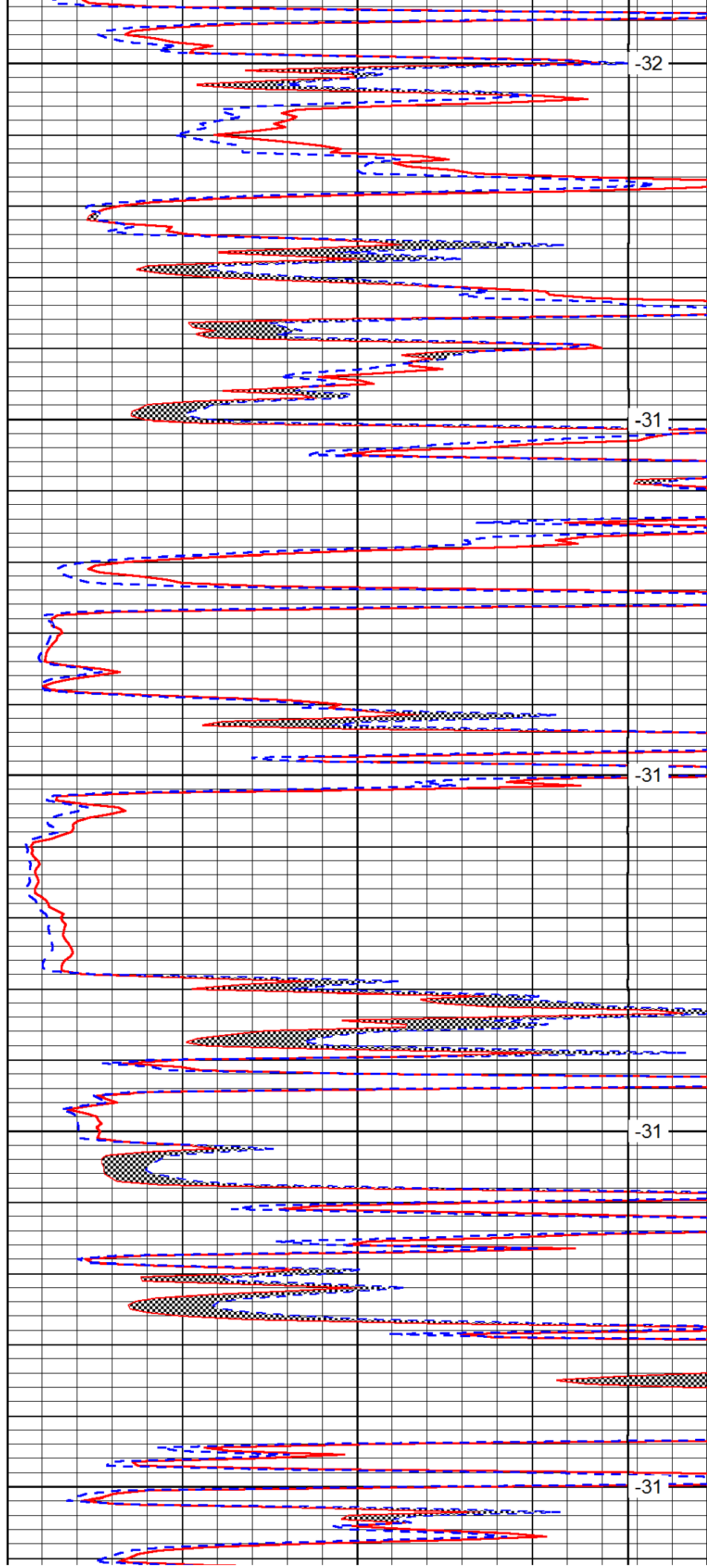
2850

2900

2950

3000

3050



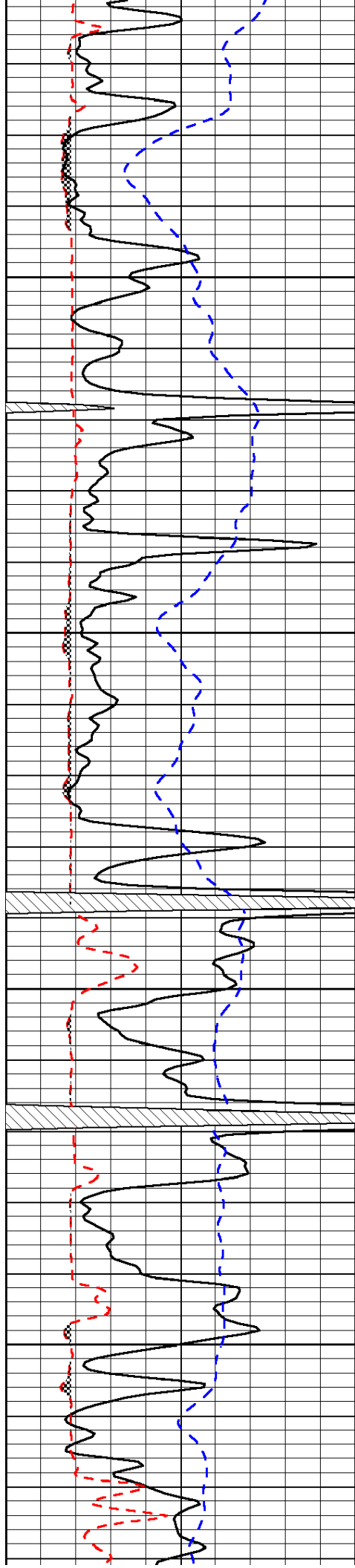
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-31

-31

-31

-31

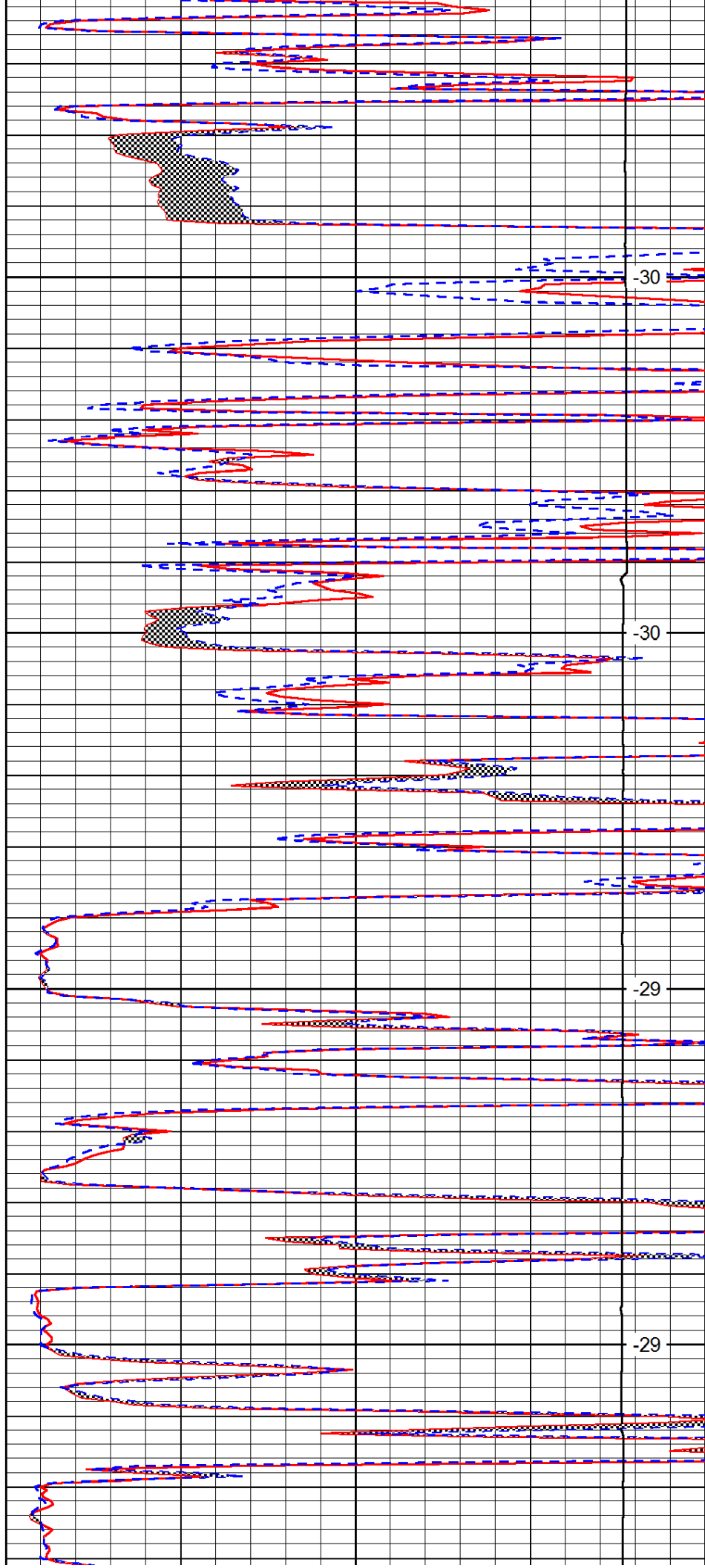


3100

3150

3200

3250

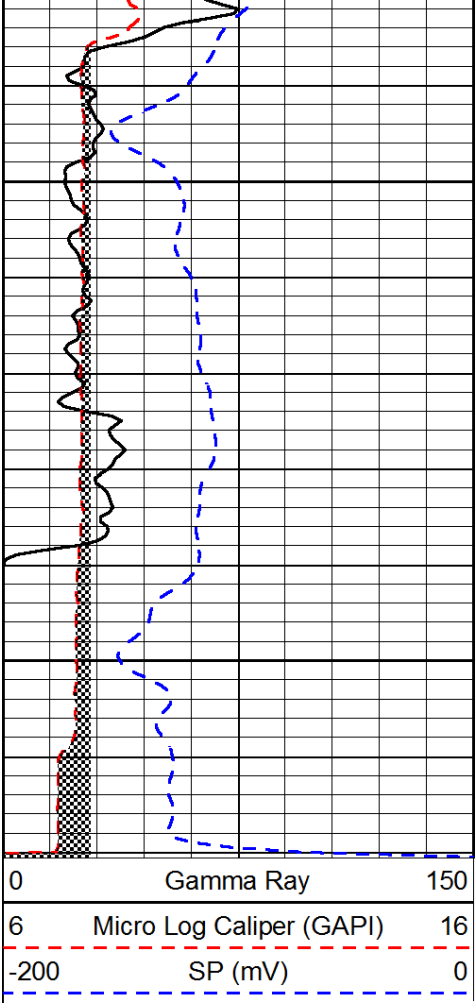


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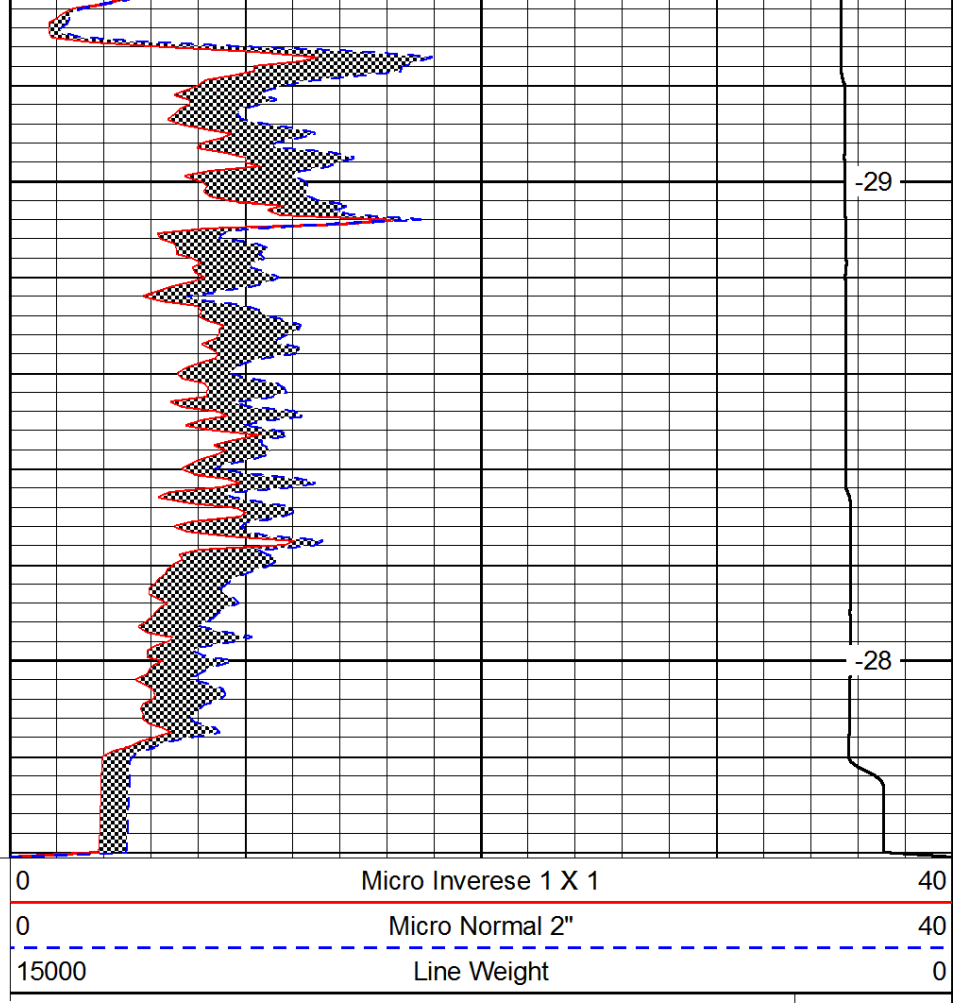
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-29



3300

3350



-29

-28

LSPD