



Microresistivity Log

Pioneer Energy Services

API No.

15-051-26,551-00-00

Company CG Oil, Inc.

Well S&J # 1

Field Sugarloaf Southeast

County Ellis State

Kansas

Location

N/2 NW SW NW/4
1,360' FNL & 330' FWL

Other Services
CNL/CDL
DIL

Sec: 33

Twp: 13S

Rge: 17W

Elevation

Permanent Datum Ground Level

Log Measured From Kelly Bushing

Elevation 2021

Drilling Measured From Kelly Bushing

8 Ft. Above Perm. Datum

K.B. 2029
D.F. 2021
G.L. 2021

Date

7/14/2013

Run Number

Two

Depth Driller

3645

Depth Logger

3630

Bottom Logged Interval

3629

Top Log Interval

2950

Casing Driller

8.625 @ 1242

Casing Logger

1238

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

1900

Density / Viscosity

9.1 58

pH / Fluid Loss

10.5 6.8

Source of Sample

Flowline

Rm @ Meas. Temp

.50 @ 86

Rmf @ Meas. Temp

.38 @ 86

Rmc @ Meas. Temp

.68 @ 86

Source of Rmf / Rmc

Charts

Rm @ BHT

.38 @ 112

Operating Rig Time

3 1/2 Hours

Max Rec. Temp. F

112

Equipment Number

108

Location

Hays

Recorded By

J. Long

Witnessed By

Roger Fisher

Ron Schmidberger

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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.

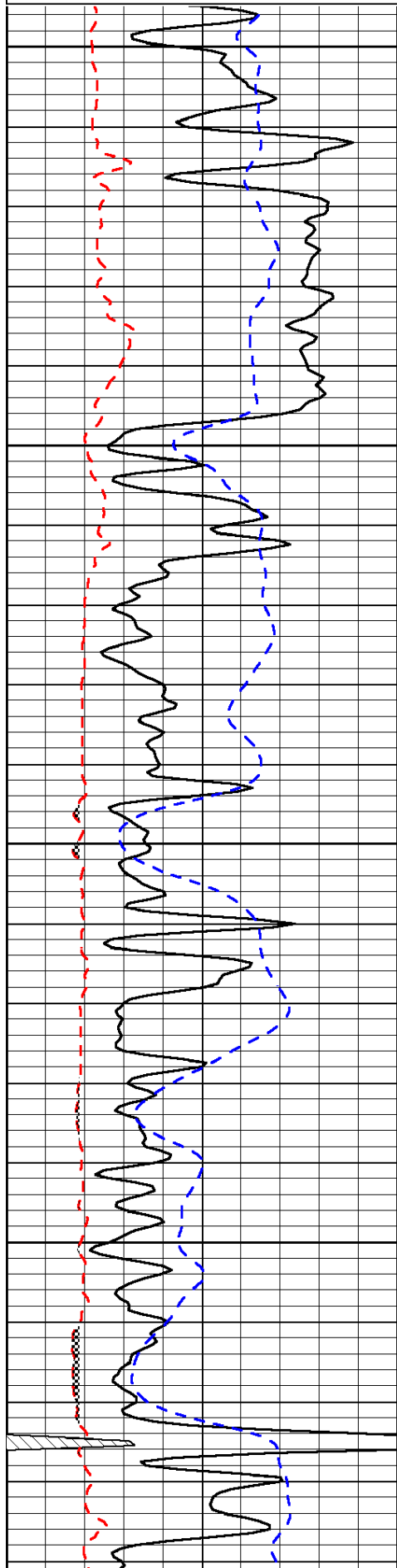
Comments

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

Intersection of Toulon Avenue and Airbase Road, 1 East, 1/2 South, East Into

Database File: c:\warrior\data\c g oil_s&j # 1\cgoil_s&j_1hd.db
Dataset Pathname: dil/cgstck
Presentation Format: micro
Dataset Creation: Sun Jul 14 03:05:46 2013
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



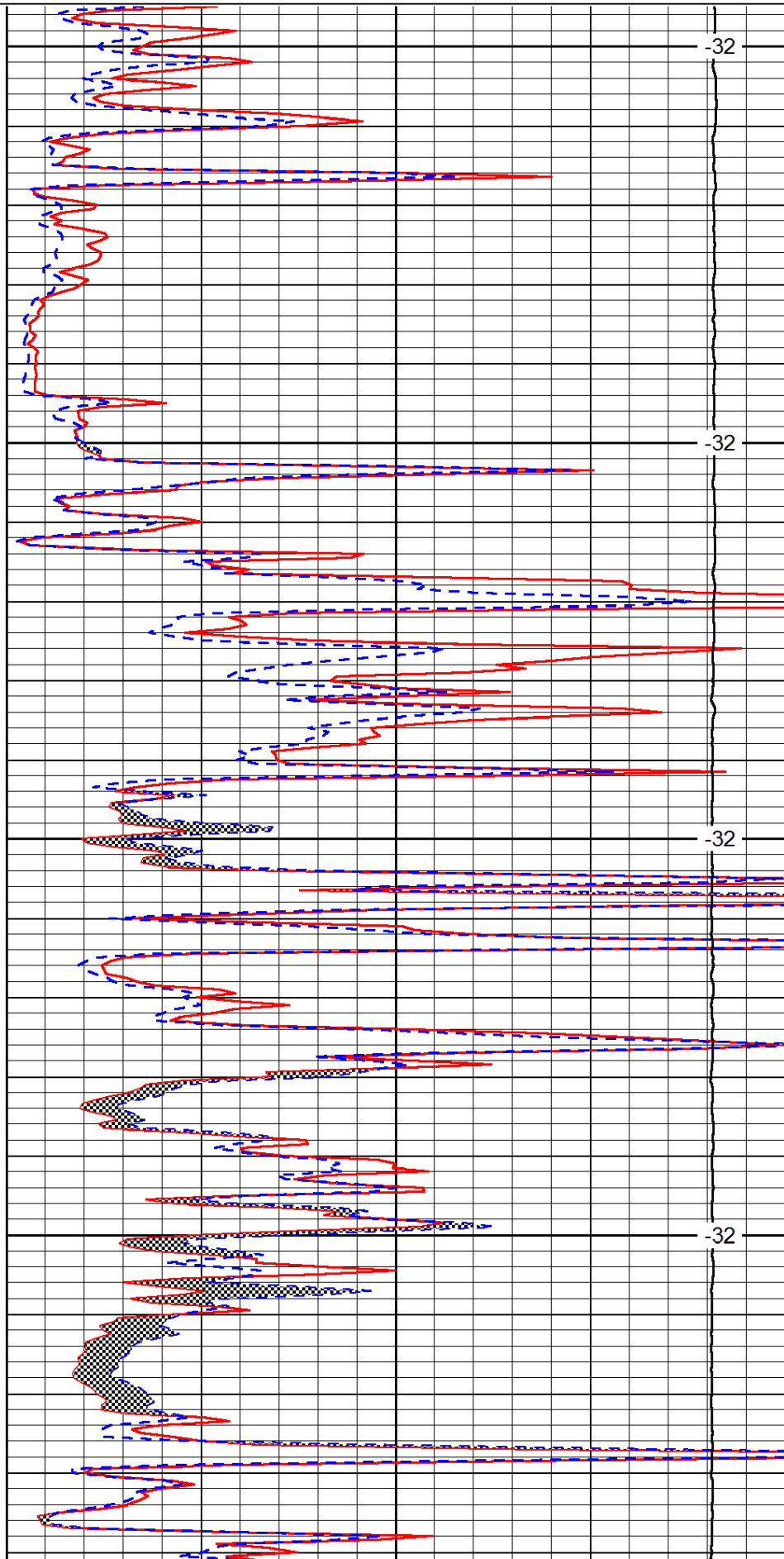
2950

3000

3050

3100

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



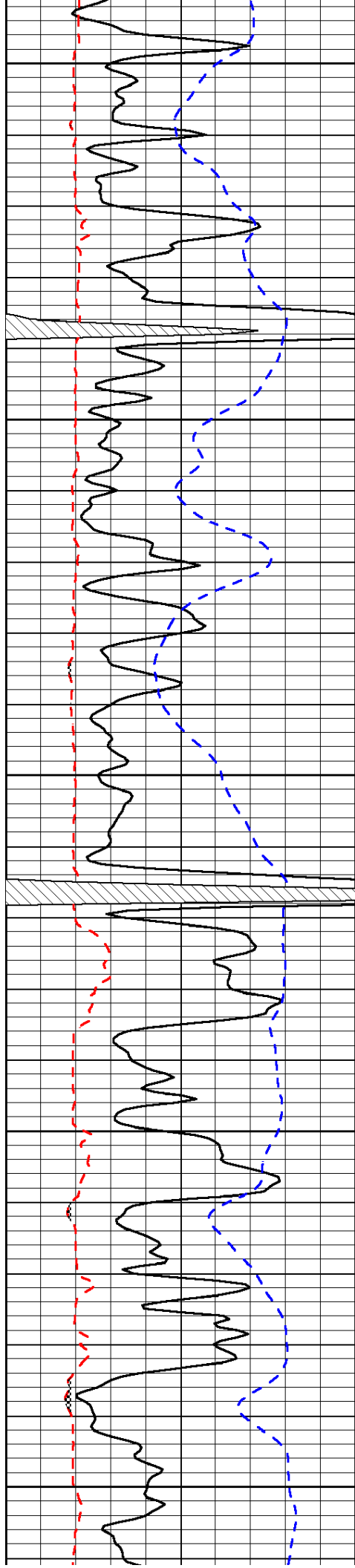
-32

-32

-32

-32

LSPD



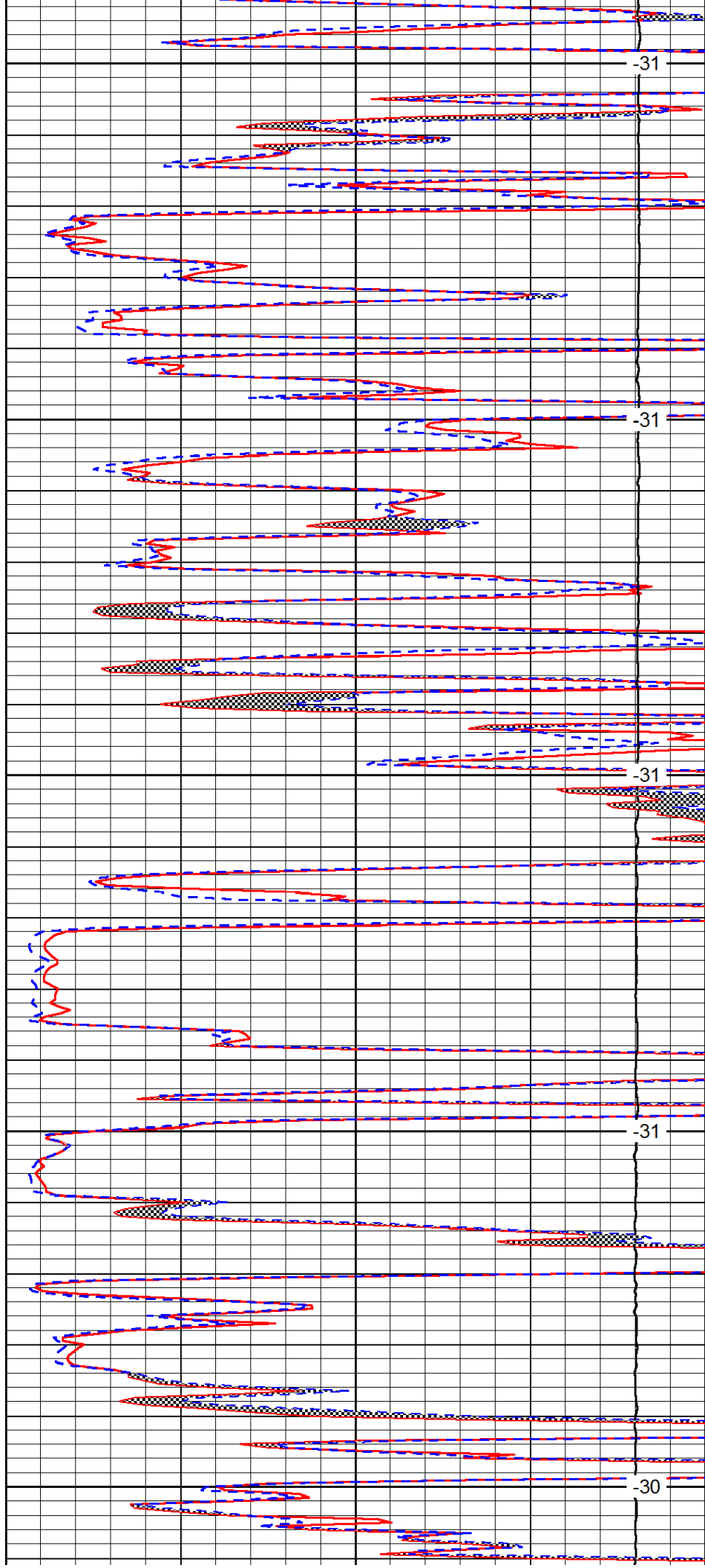
3150

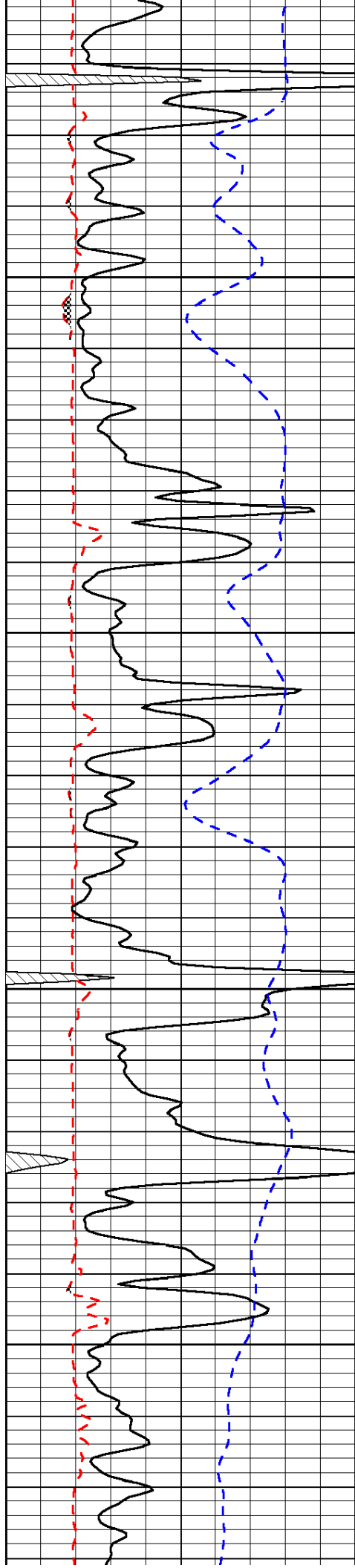
3200

3250

3300

3350



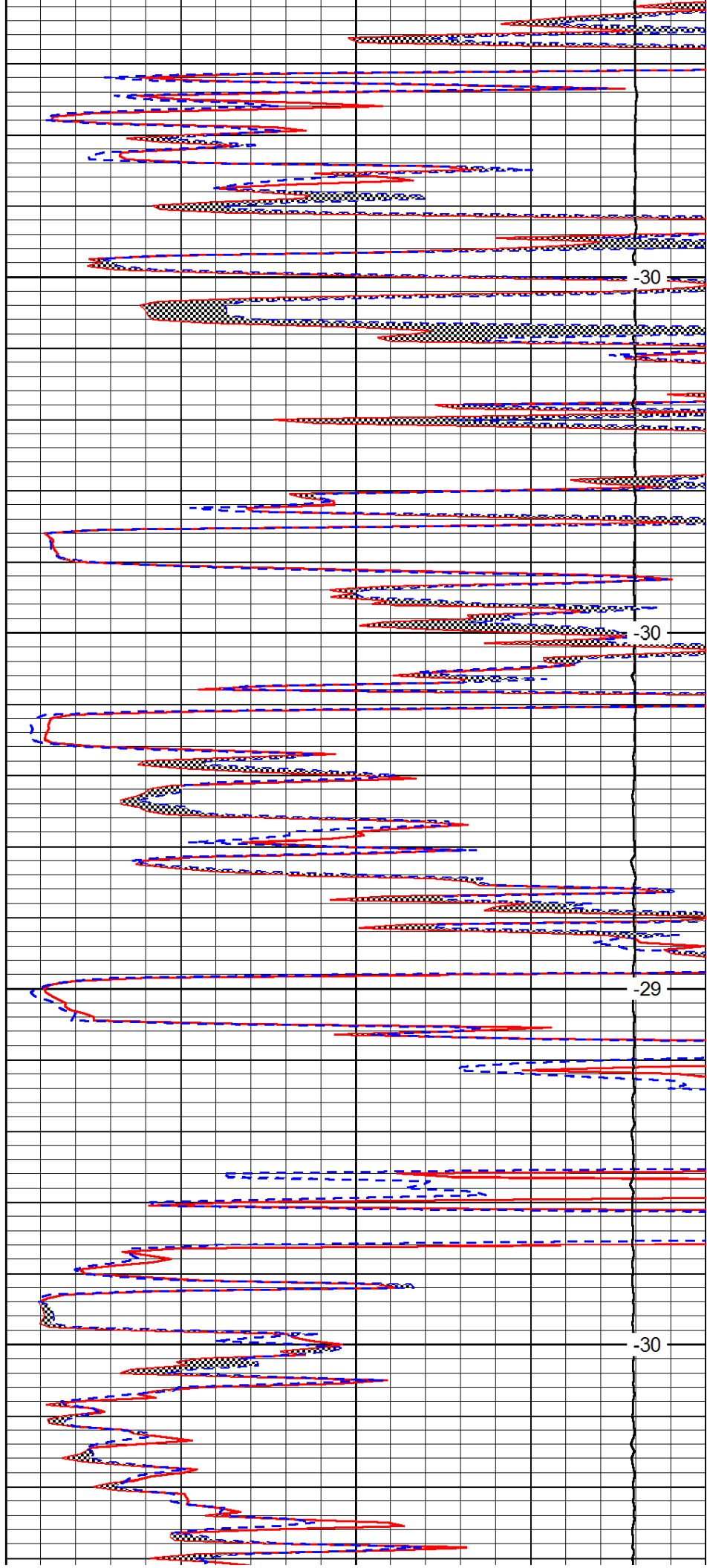


3400

3450

3500

3550

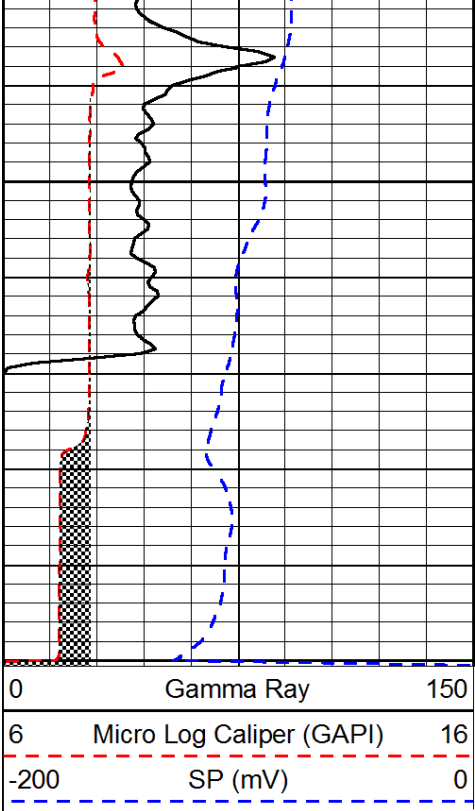


-30

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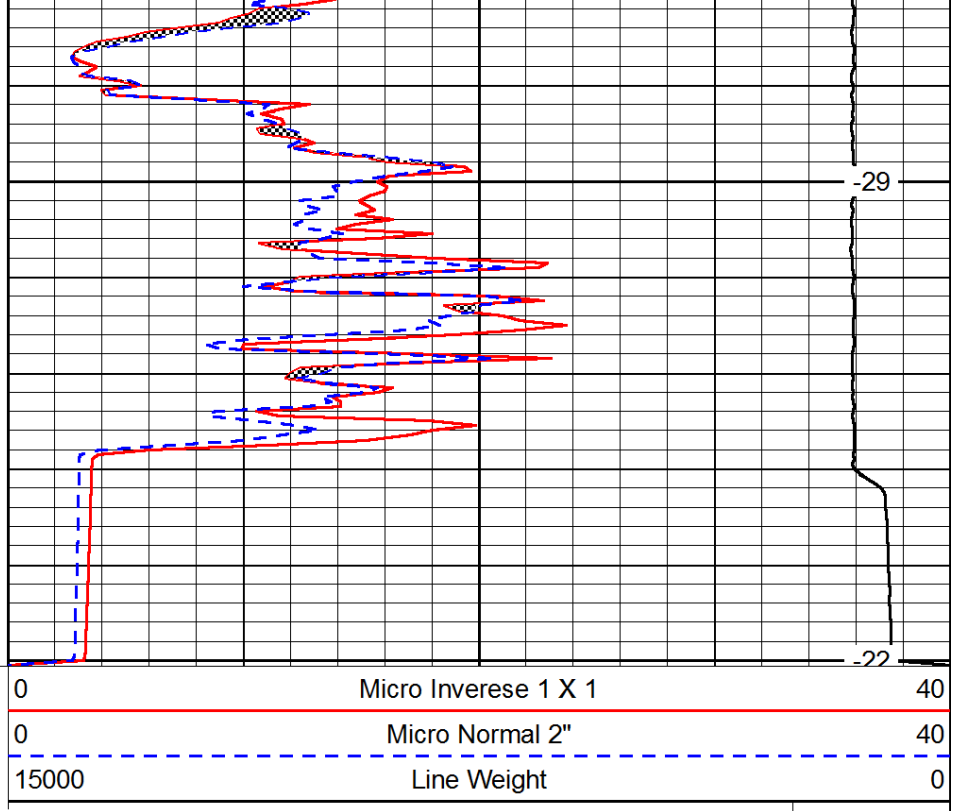
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-30



3600

3650



-29

-22

LSPD