



Microresistivity Log

Pioneer Energy Services

API No.

15-115-21,485-00-00

Company C&J Production, LLC

Well Buzenitz #1

Field Unger

County Marion

State

Kansas

Location

1,980' FSL & 2,310' FEL

Sec: 18

Twp: 21 S

Rge: 3 E

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

Elevation 1455
0 Ft. Above Perm. Datum

Other Services
CNL/CDL
DIL
Elevation
K.B.
D.F.
G.L. 1455

Date

9/17/2014

Run Number

Two

Depth Driller

2899

Depth Logger

2899

Bottom Logged Interval

2898

Top Log Interval

2000

Casing Driller

8.625 @ 208

Casing Logger

204

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

1300

Density / Viscosity

9.3 36

pH / Fluid Loss

9.0 9.4

Source of Sample

Flowline

Rm @ Meas. Temp

1.80 @ 76

Rmf @ Meas. Temp

1.35 @ 76

Rmc @ Meas. Temp

2.43 @ 76

Source of Rmf / Rmc

Charts

Rm @ BHT

1.30 @ 105

Operating Rig Time

3 1/2 Hours

Max Rec. Temp. F

105

Equipment Number

108

Location

Hays

Recorded By

J. Long

Witnessed By

Doug Davis

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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.

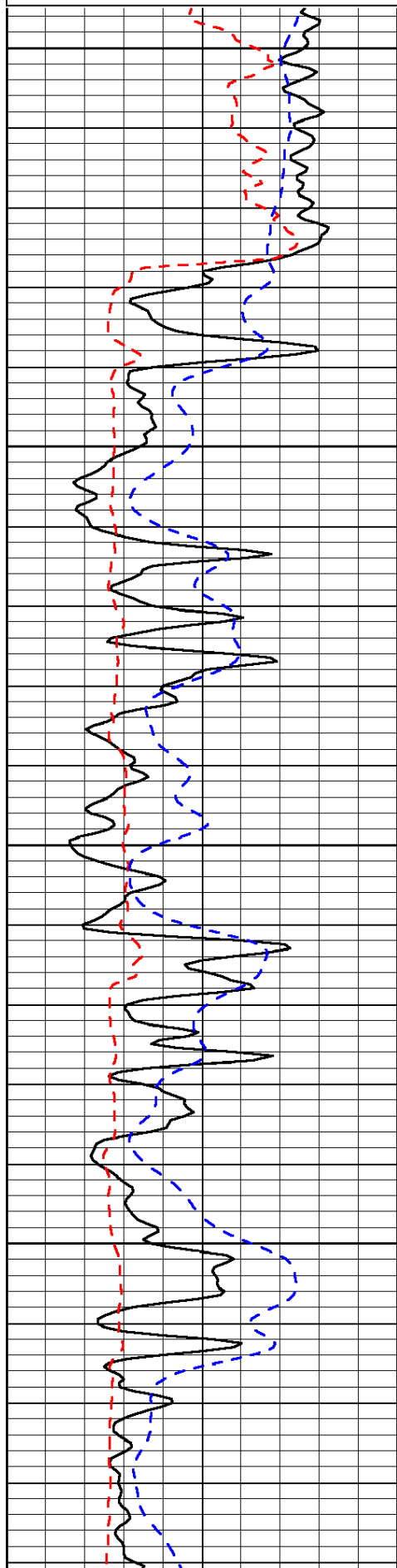
Comments

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

Hillsboro, 5 East to Nighthawk Road, 8 South to 110 Road, 1 West,
1/2 South, West Into

Database File: c:\warrior\data\c&j production_buzenitz # 1\c&j_buzenitz_1hd.db
Dataset Pathname: dil/cjstck
Presentation Format: micro
Dataset Creation: Wed Sep 17 00:18:50 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



2000

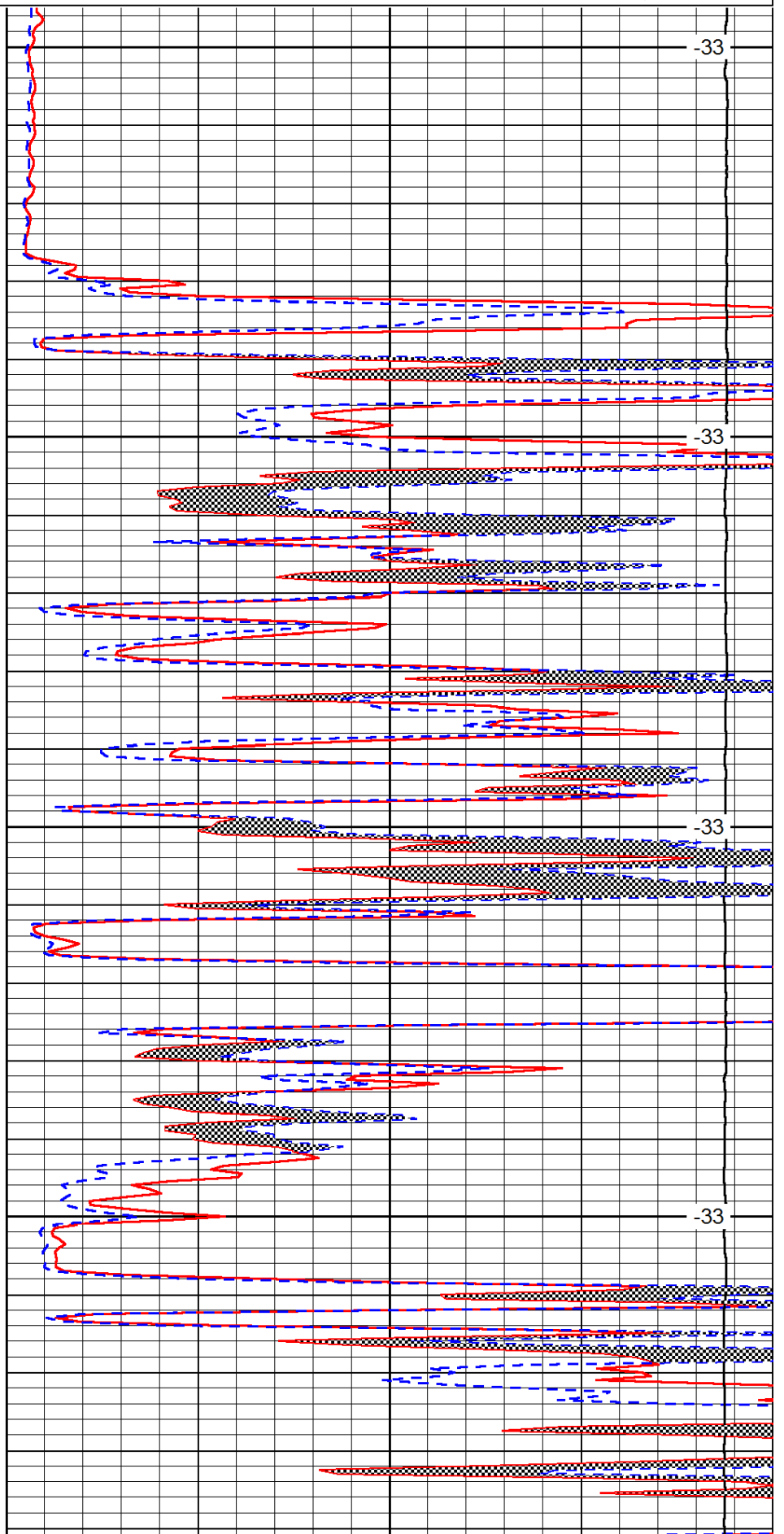
2050

2100

2150

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

LSPD

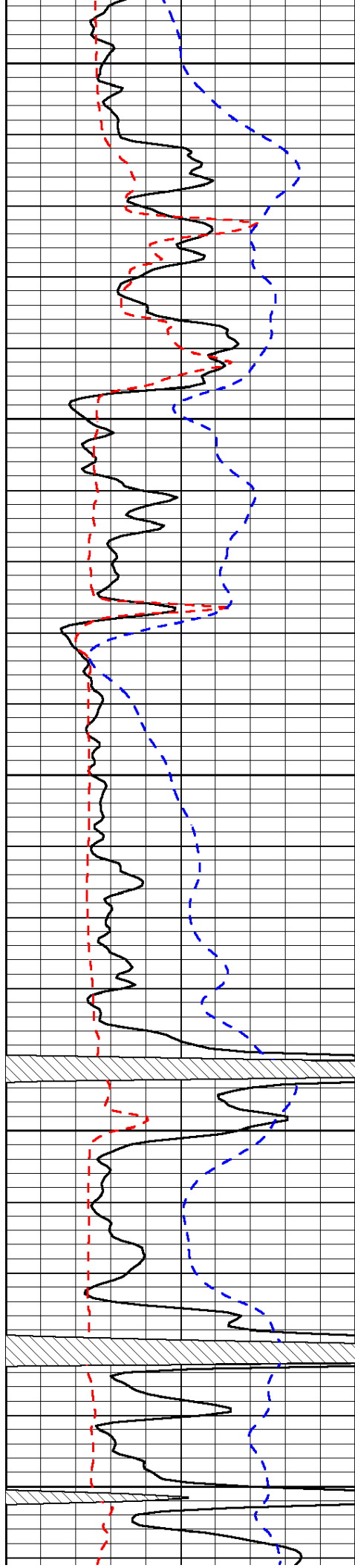


-33

-33

-33

-33



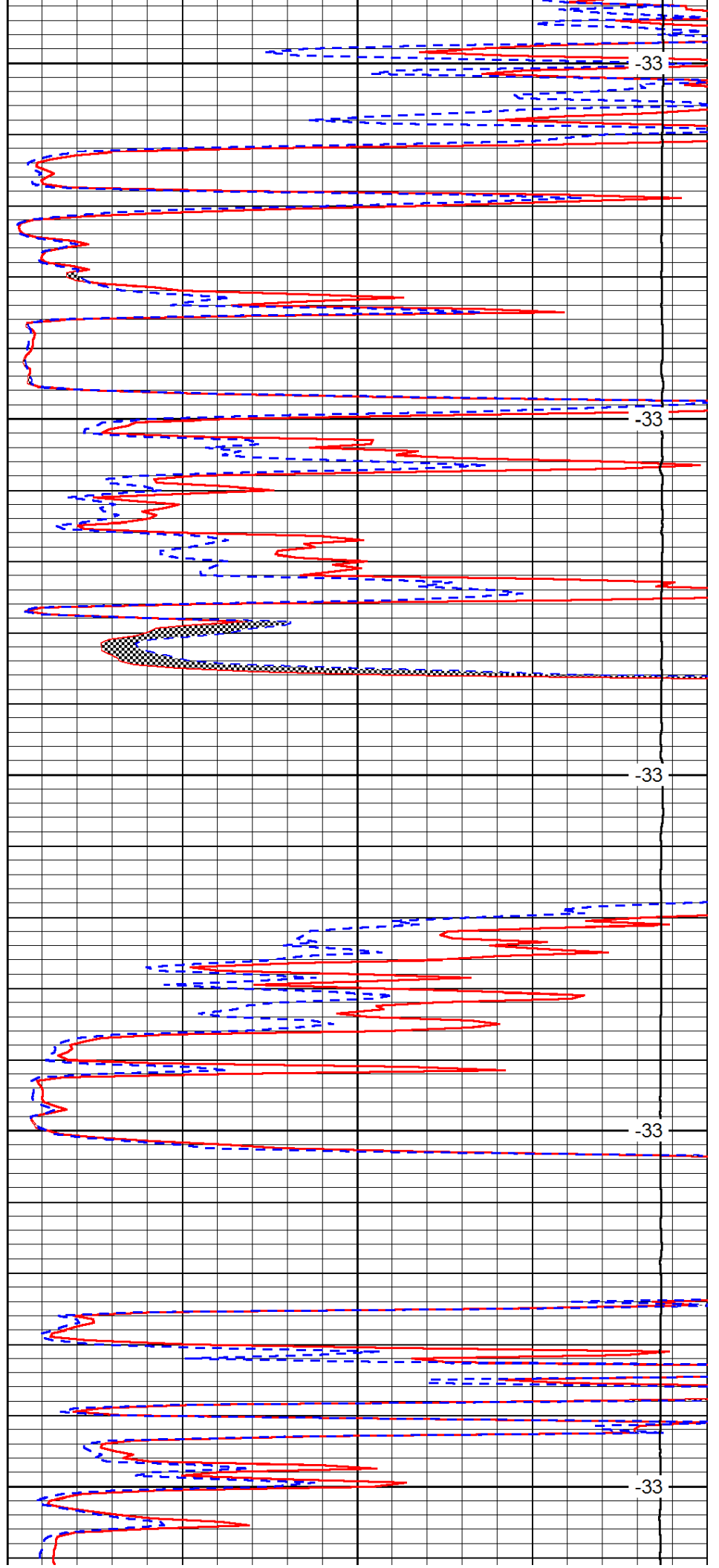
2200

2250

2300

2350

2400



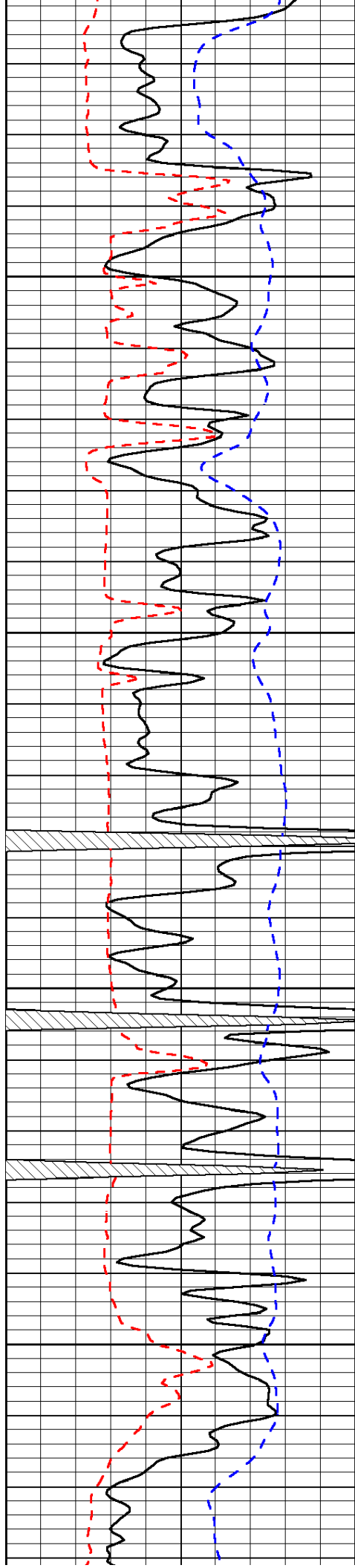
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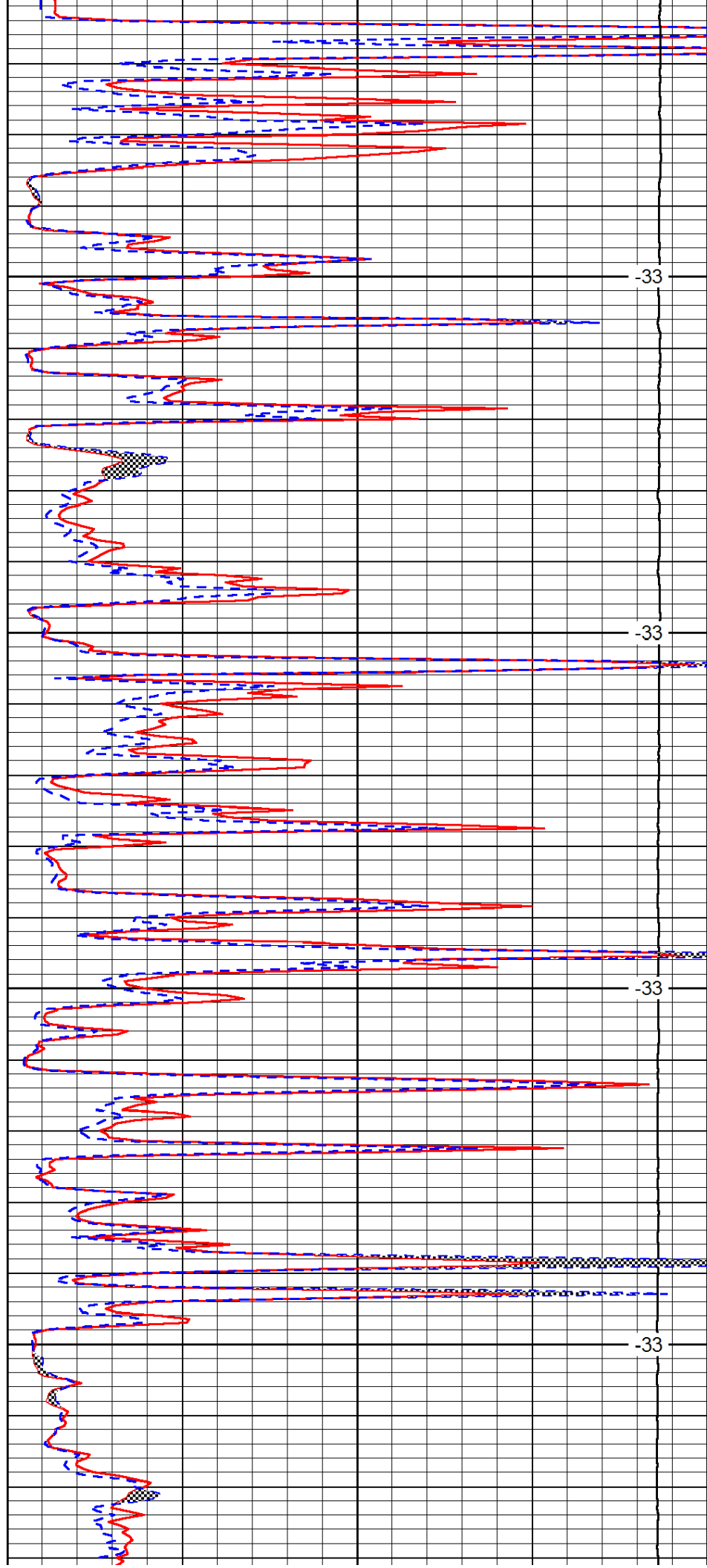


2450

2500

2550

2600

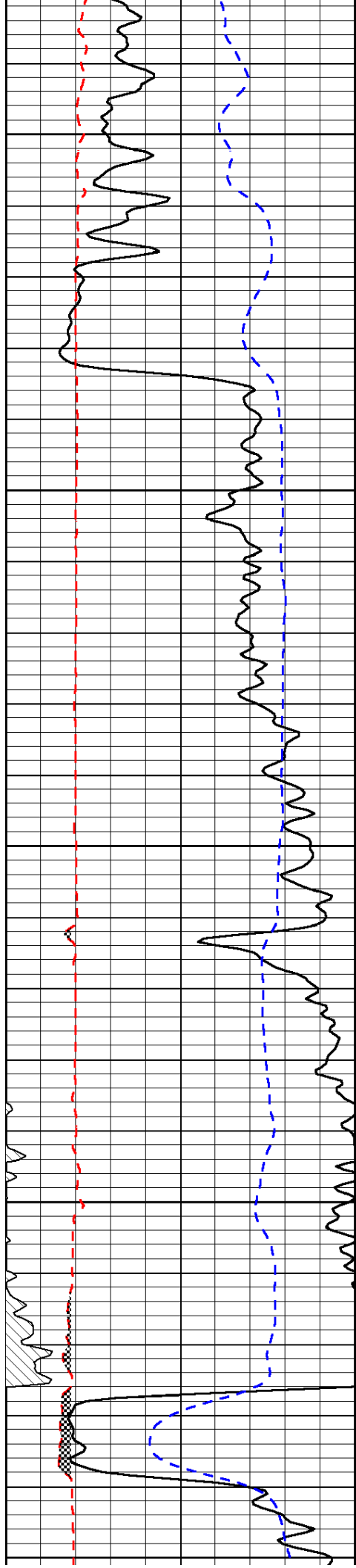


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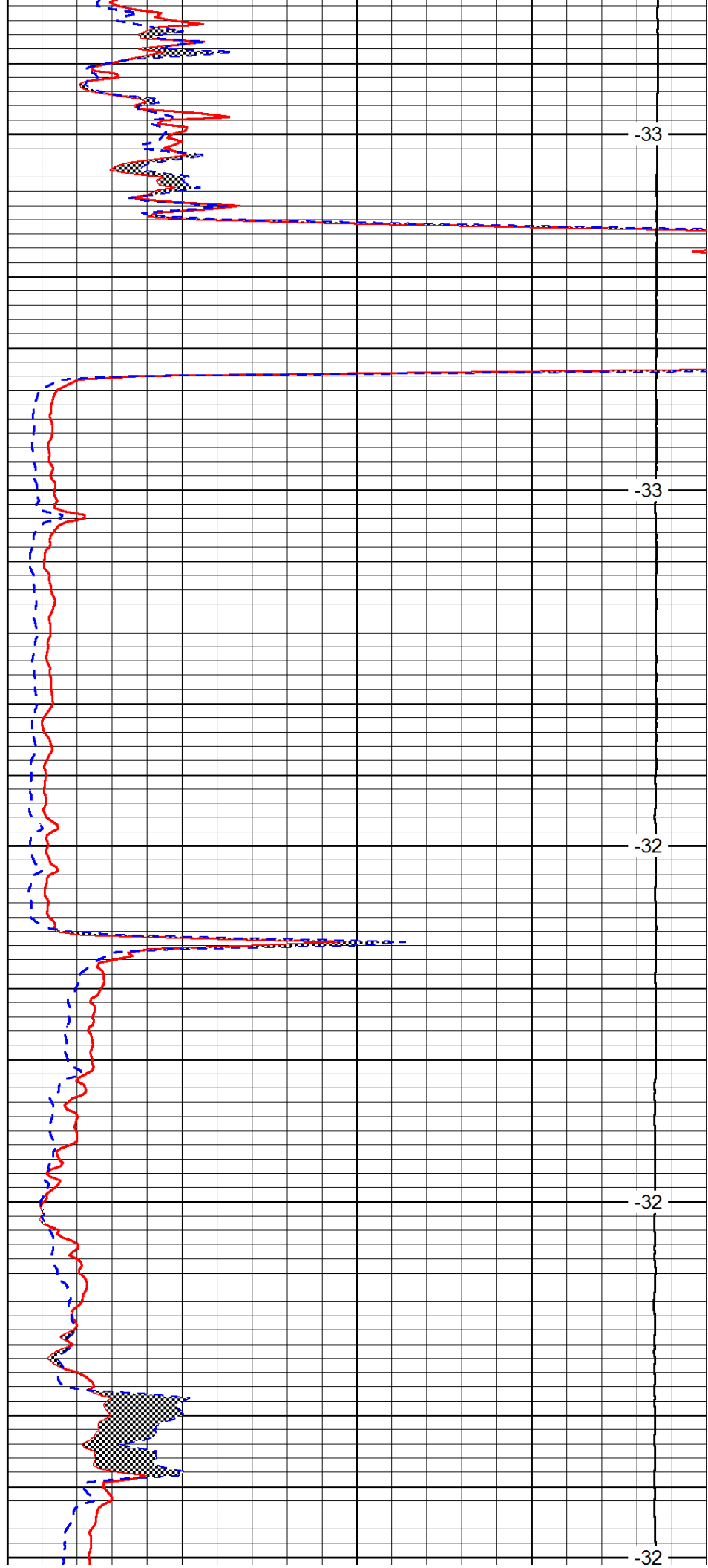
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2700

2750

2800

2850



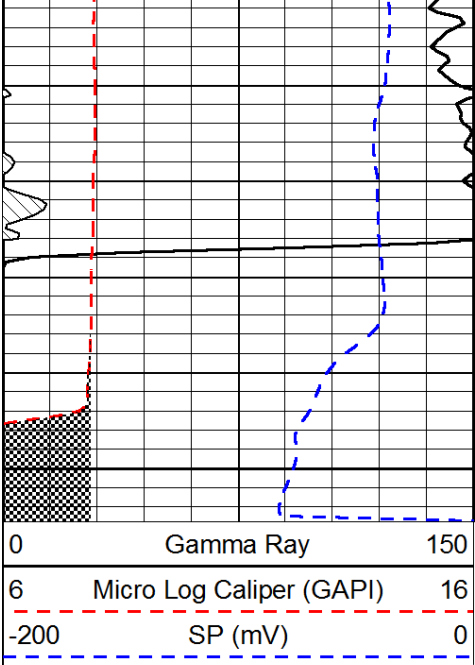
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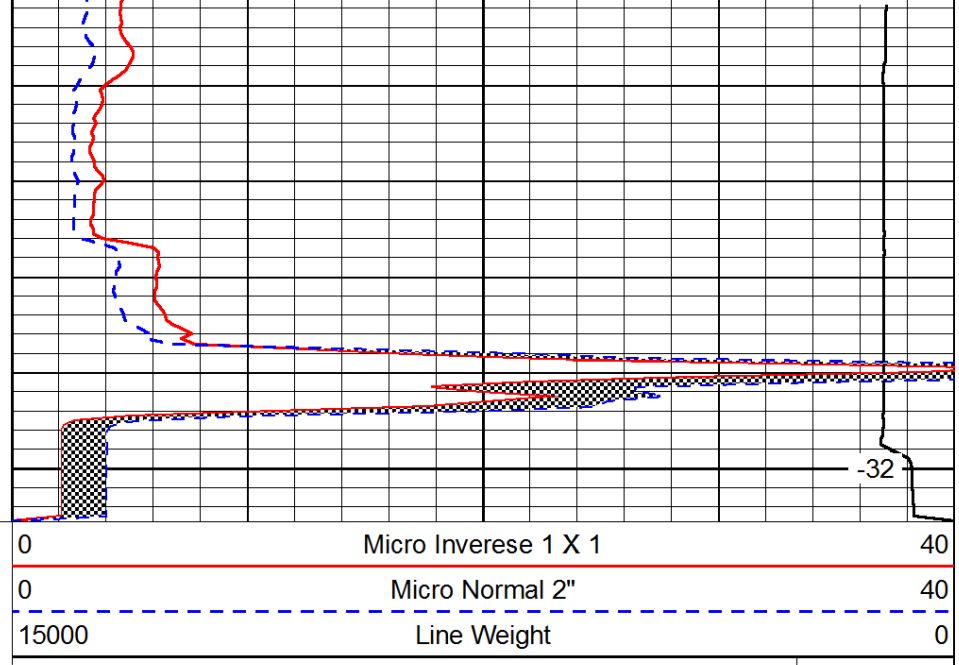
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2900



LSPD