



Dual Induction Log

Pioneer Energy Services

API No.

15-009-25,799-00-00

Company C G Oil, Inc.

Well BIM Lease #1

Field Trapp

County Barton State

Kansas

Location

SE NE SW SE
990' FSL & 1650' FEL

Other Services
CNL/CDL
MEL

Sec: 20 Twp: 16S Rge: 13W

Permanent Datum

Ground Level

Elevation

Log Measured From

Kelly Bushing 5 Ft. Above Perm. Datum

K.B. 1979
D.F. 1974
G.L. 1974

Drilling Measured From

Kelly Bushing

Date

1/10/2013

Run Number

One

Depth Driller

3476

Depth Logger

3477

Bottom Logged Interval

3476

Top Log Interval

900

Casing Driller

8.625 @ 924

Casing Logger

923

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

6700

Density / Viscosity

9.15 60
11.0 7.2

pH / Fluid Loss

Flowline

Source of Sample

Flowline

Rm @ Meas. Temp

.85 @ 62

Rmf @ Meas. Temp

.64 @ 62

Rmc @ Meas. Temp

1.15 @ 62

Source of Rmf / Rmc

Charts

Rm @ BHT

.48 @ 111

Operating Rig Time

4 Hours

Max Rec. Temp. F

111

Equipment Number

15

Location

Hays

Recorded By

D. Kerr

Witnessed By

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.pioneerenergy.com
785 625 3858

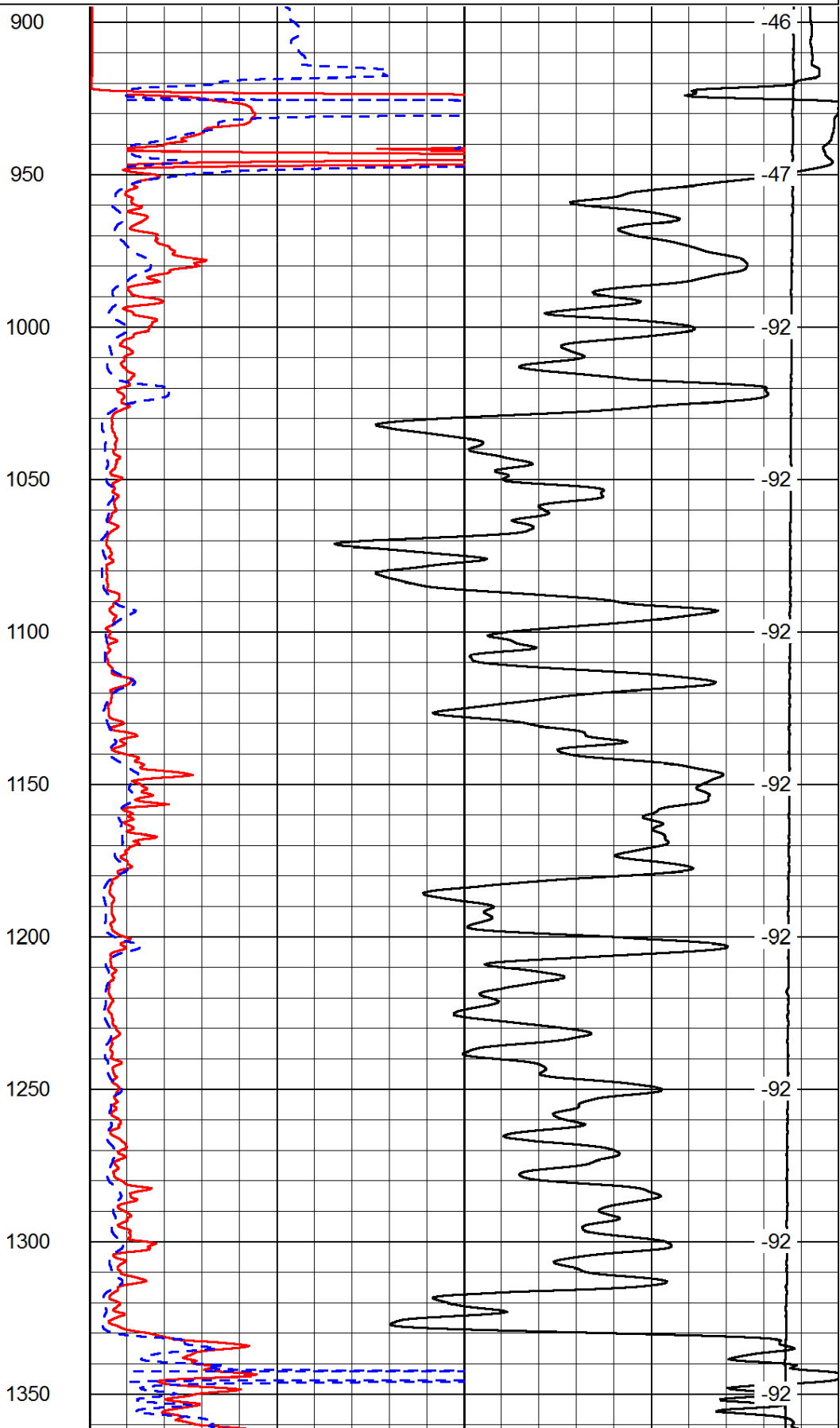
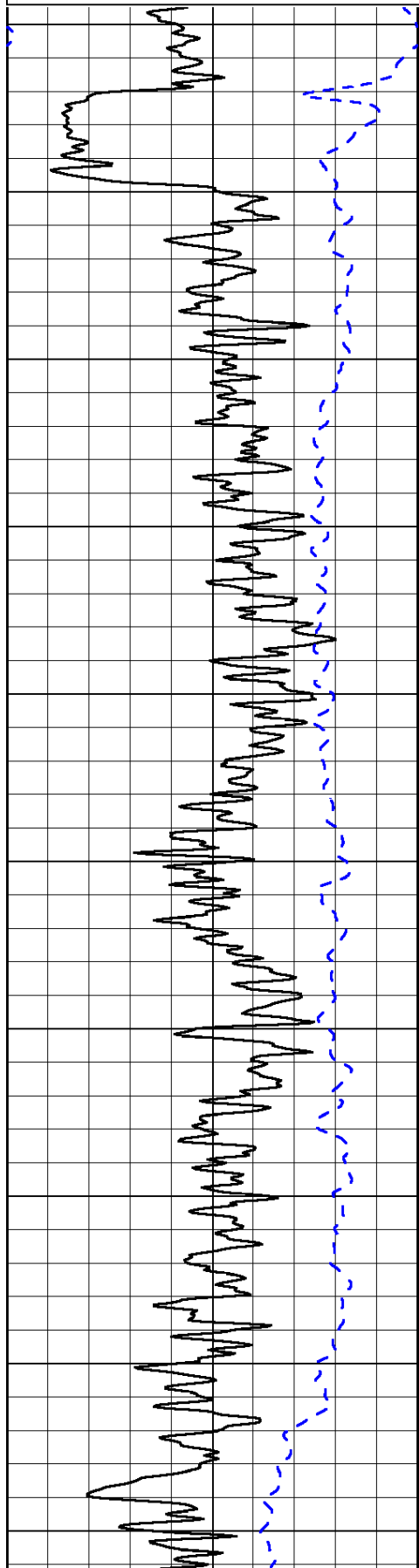
Susank KS, 1/8 West, North West Into

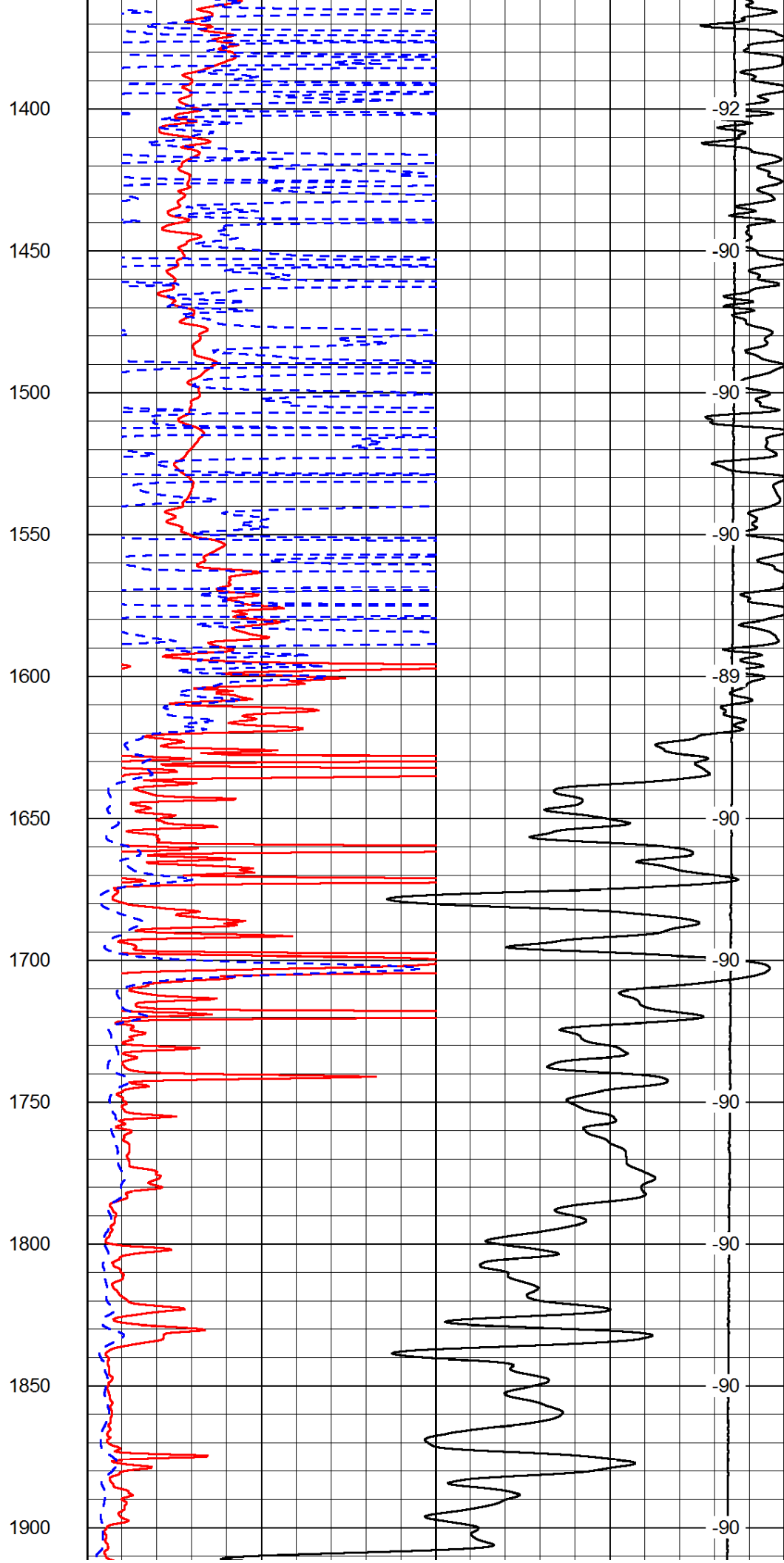
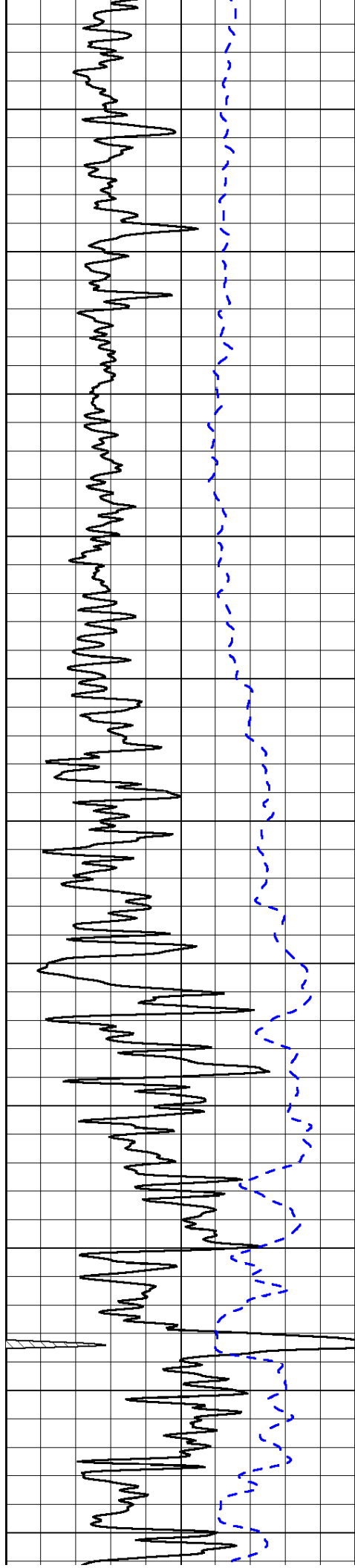
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Dataset Pathname: DIL/cgstk
Presentation Format: dil2in
Dataset Creation: Thu Jan 10 10:09:23 2013
Charted by: Depth in Feet scaled 1:600

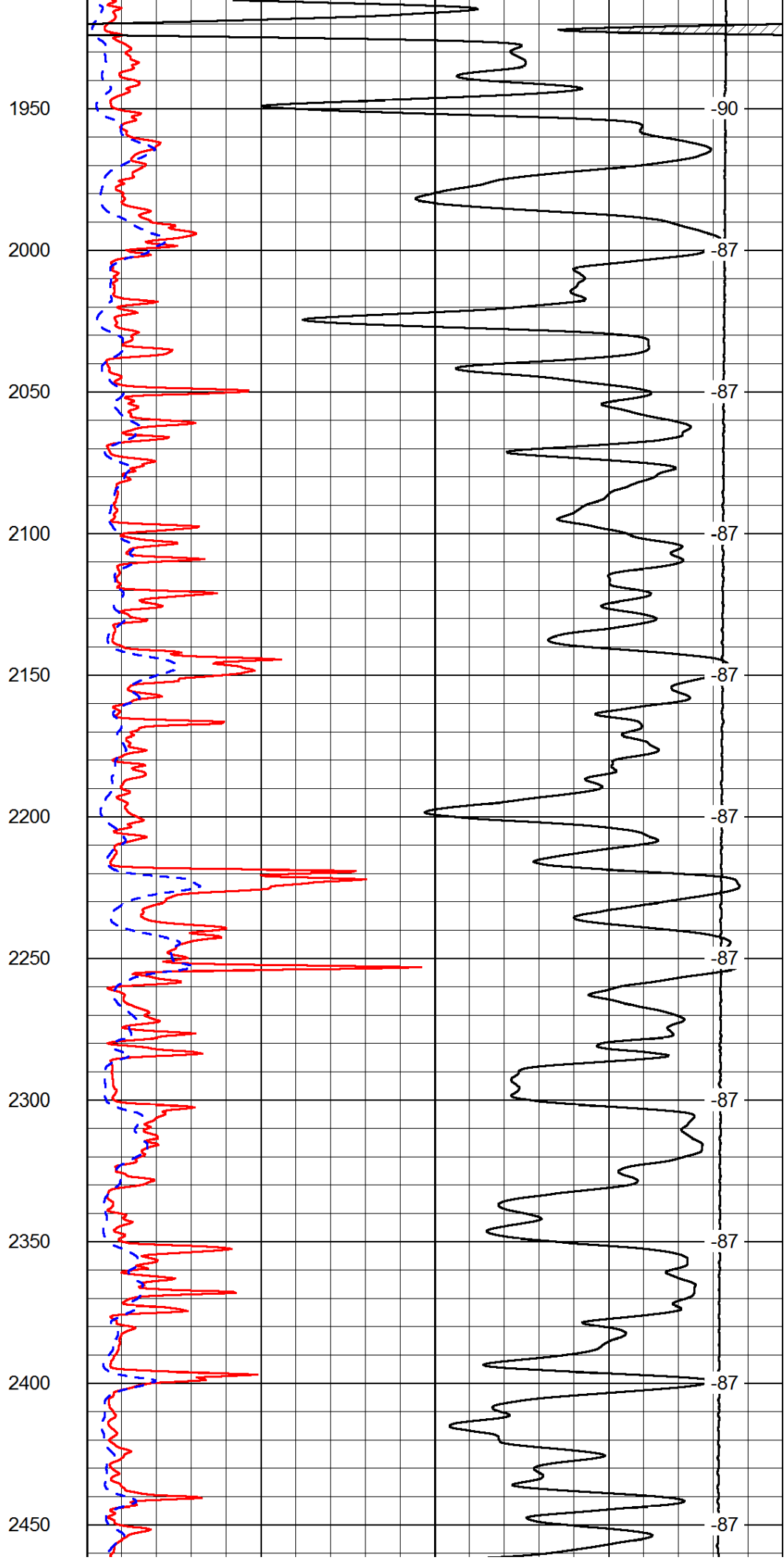
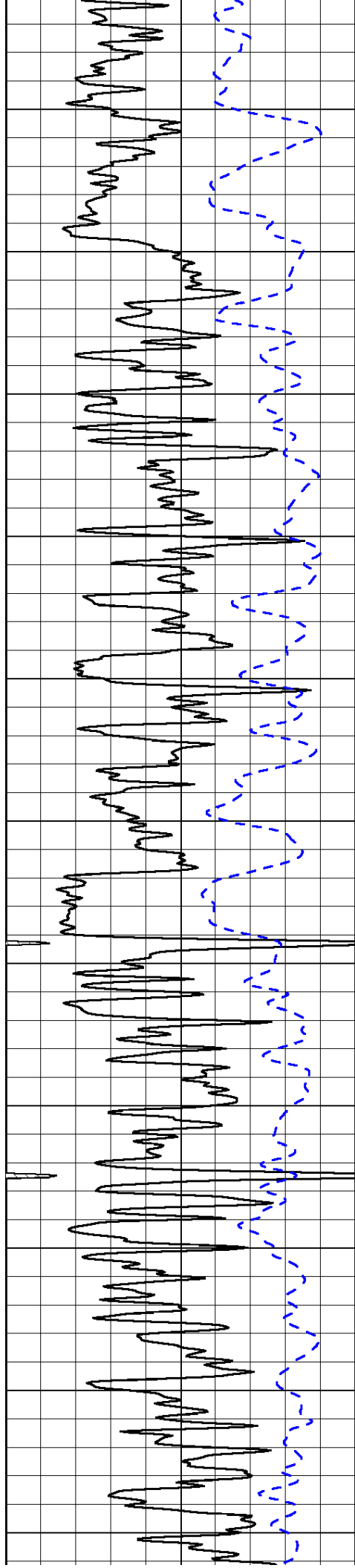
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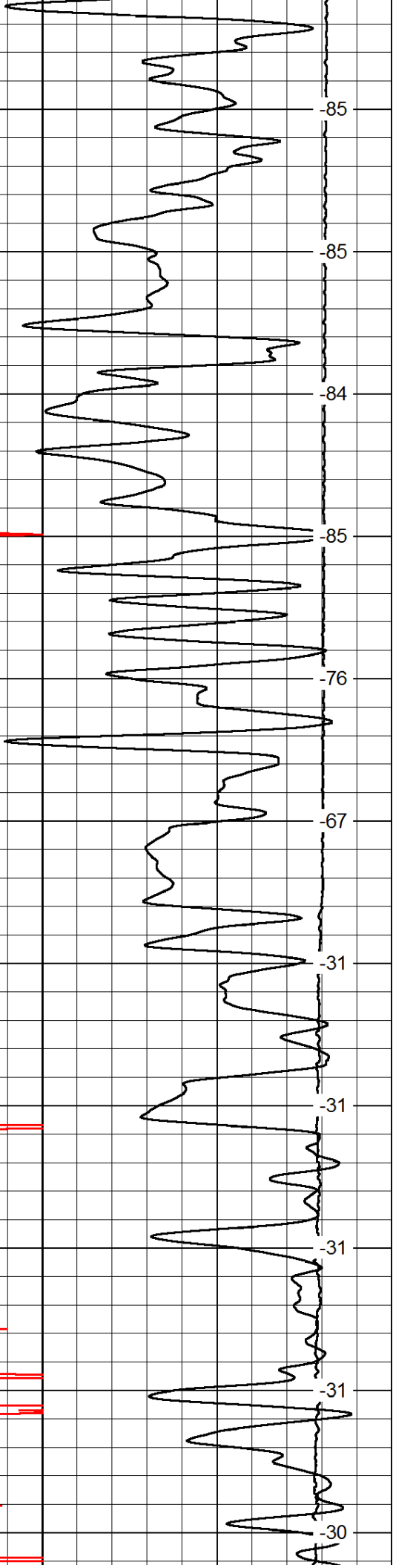
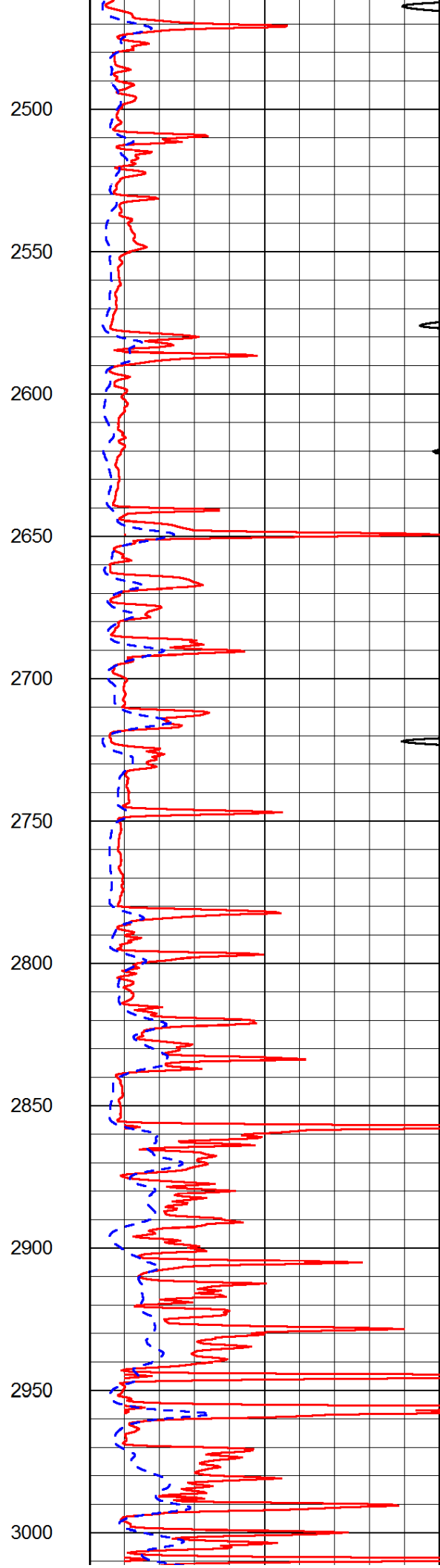
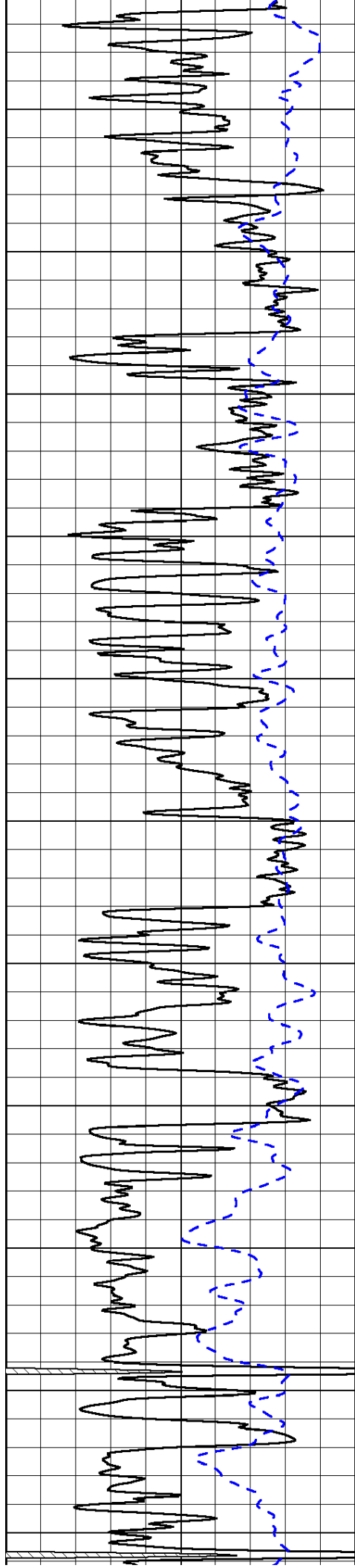
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-200	SP (mV)	0

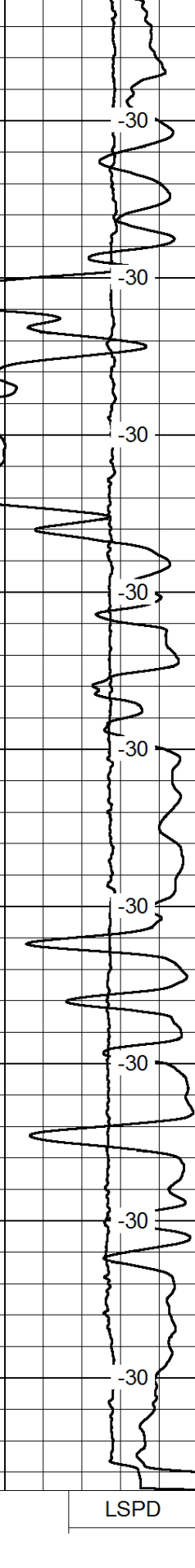
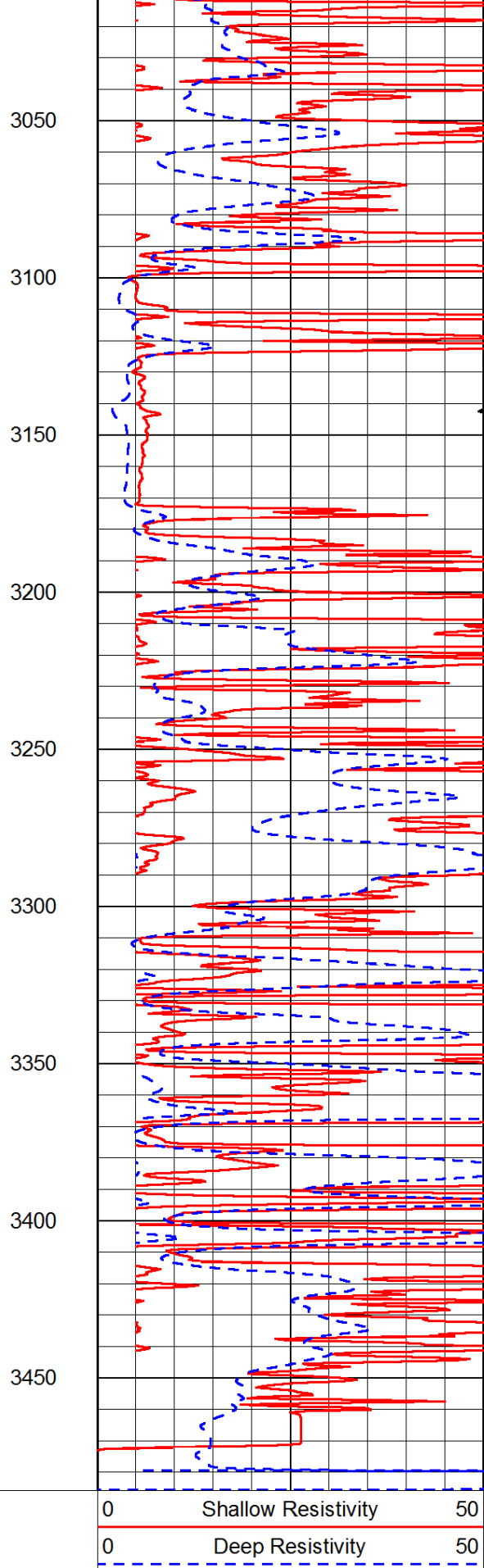
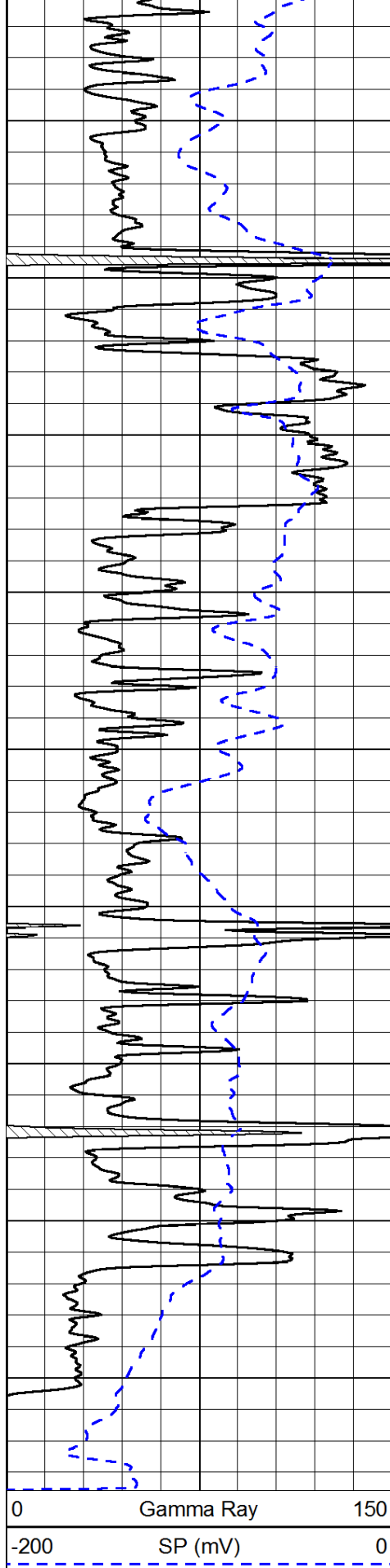
0 Shallow Resistivity 50			LSPD
0 Deep Resistivity 50			
1000 Conductivity			0
15000 Line Tension			0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	











0 Gamma Ray 150
-200 SP (mV) 0

0 Shallow Resistivity 50
0 Deep Resistivity 50

LSPD

1000 Conductivity 0
15000 Line Tension 0

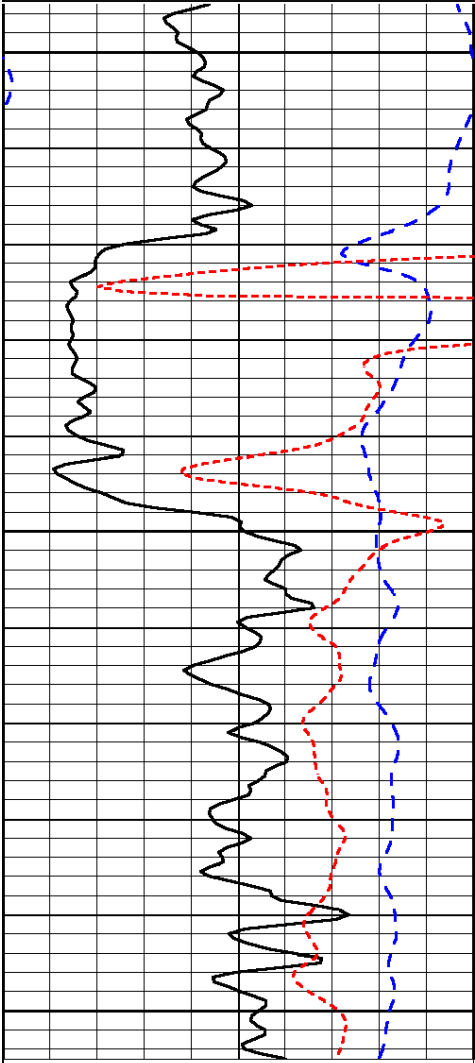
50 Shallow Resistivity 500
50 Deep Resistivity 500

Database File: c:\warrior\data\cg oil_bim lease #1\cgoil_bimlease_1hd.db
Dataset Pathname: DIL/cgstk
Presentation Format: dil
Dataset Creation: Thu Jan 10 10:09:23 2013
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

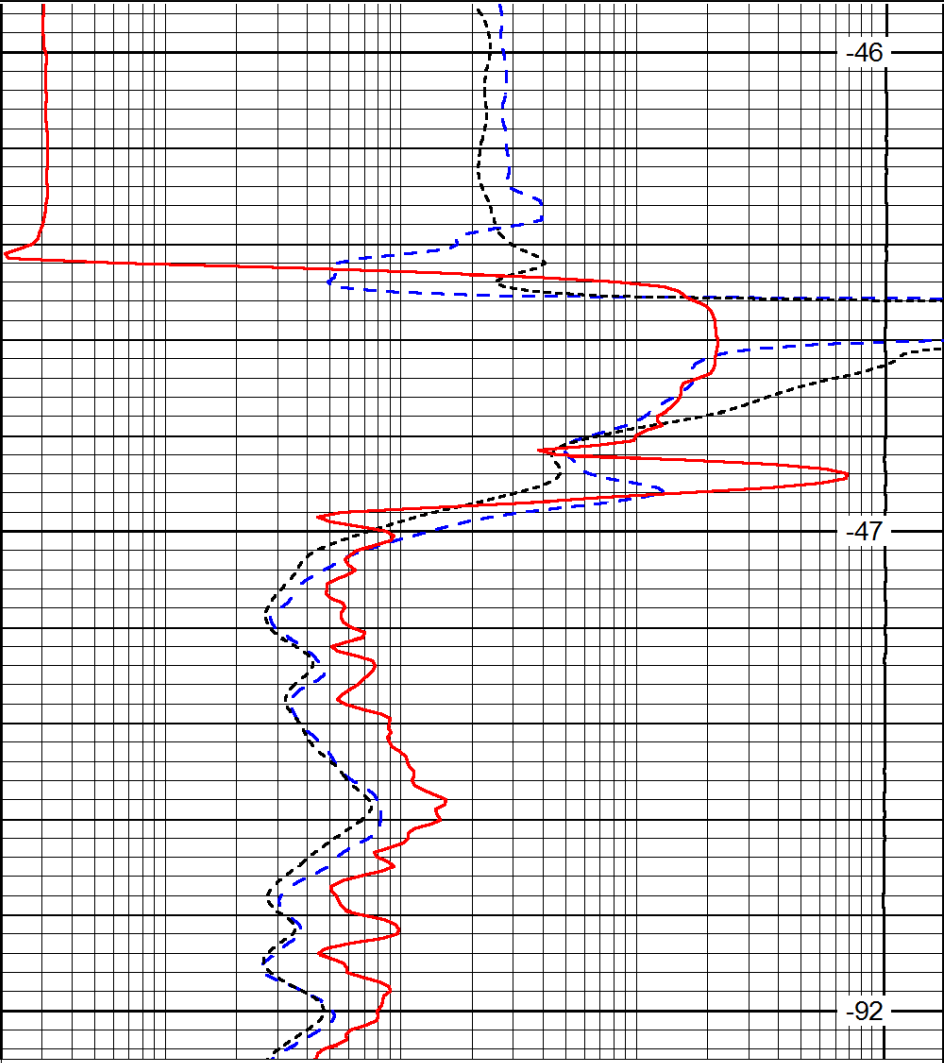
LSPD



900

950

1000



-46

-47

-92

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

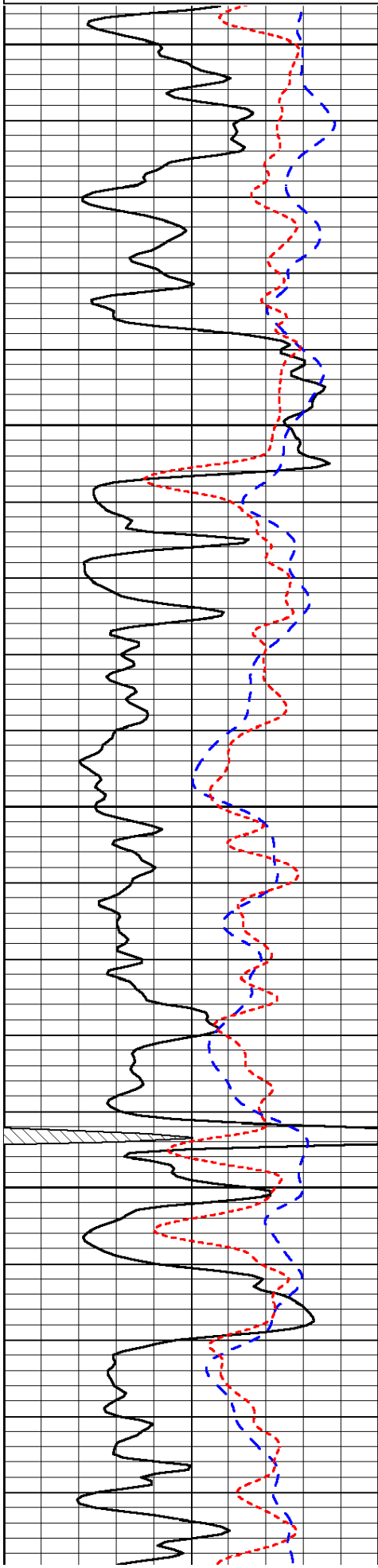
LSPD

Database File: c:\warrior\data\cg oil_bim lease #1\cgoil_bimlease_1hd.db
Dataset Pathname: DIL/cgstk
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0	Gamma Ray	150
-200	SP (mV)	0

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000

LSPD



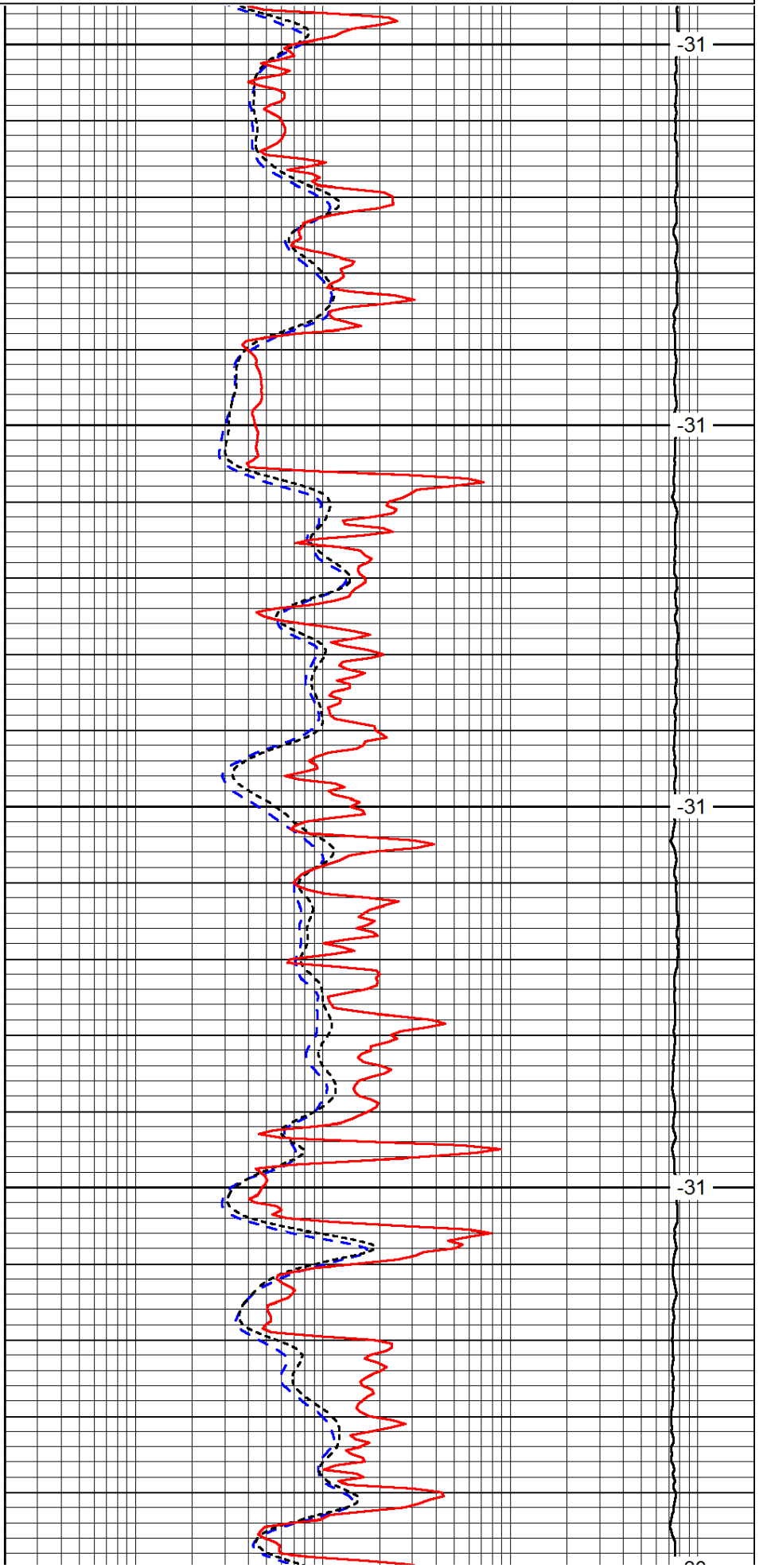
2800

2850

2900

2950

3000



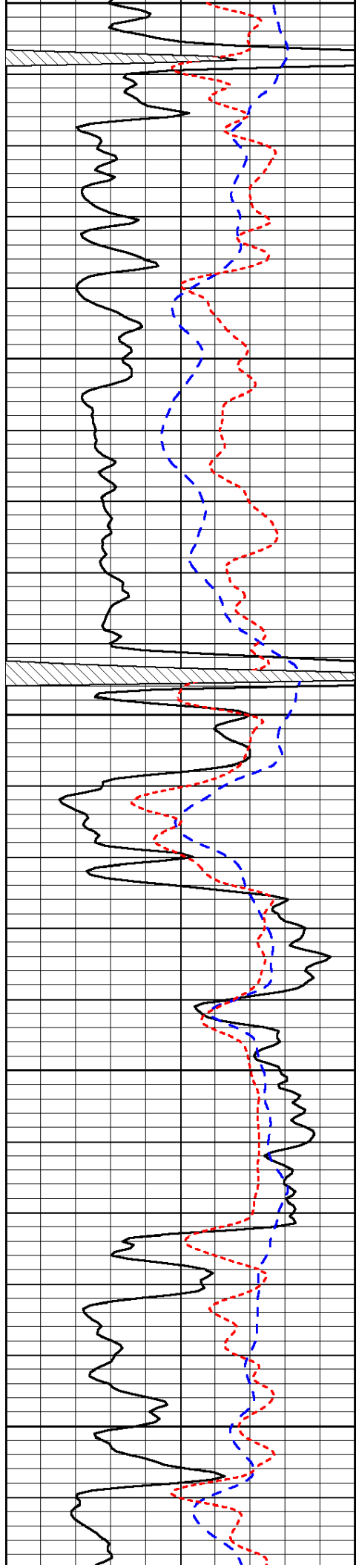
-31

-31

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-31



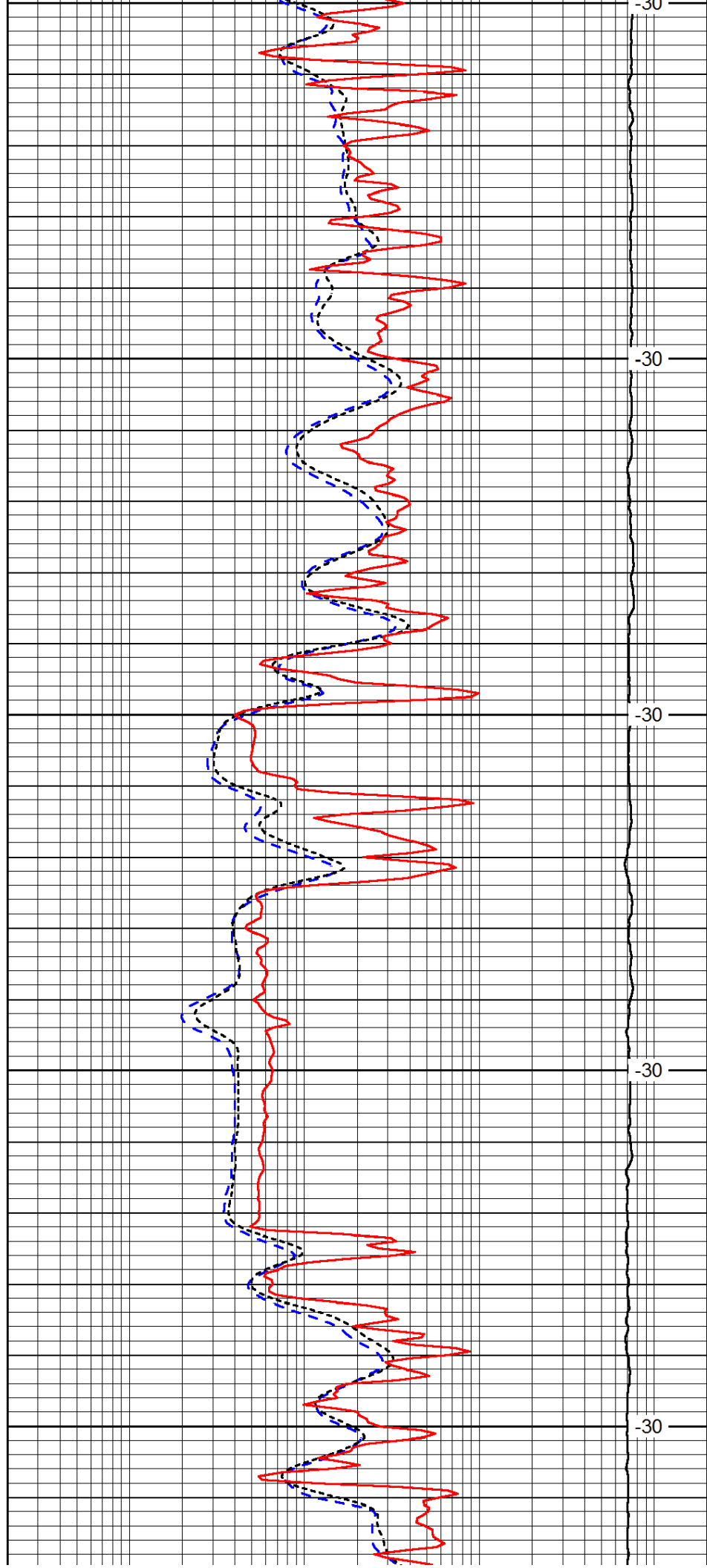
3000

3050

3100

3150

3200



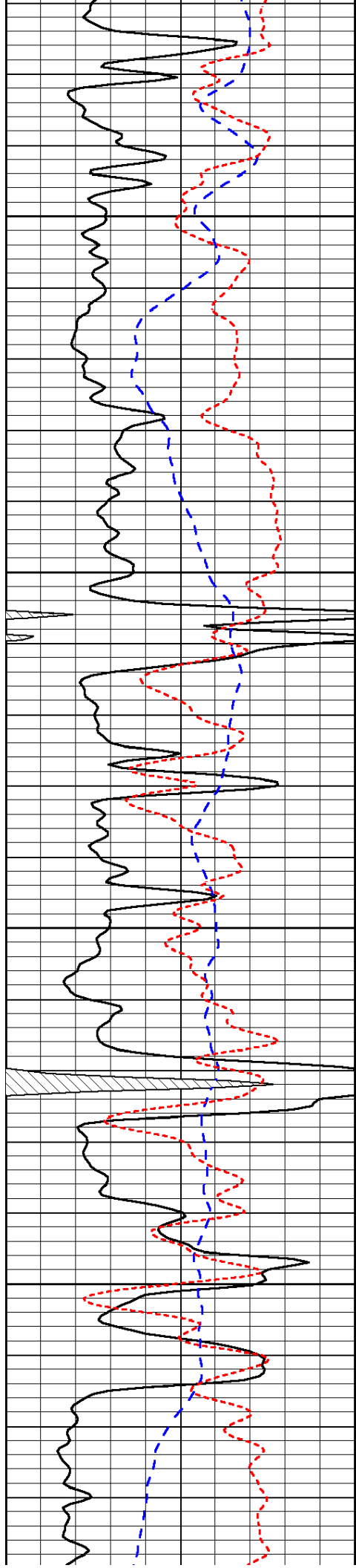
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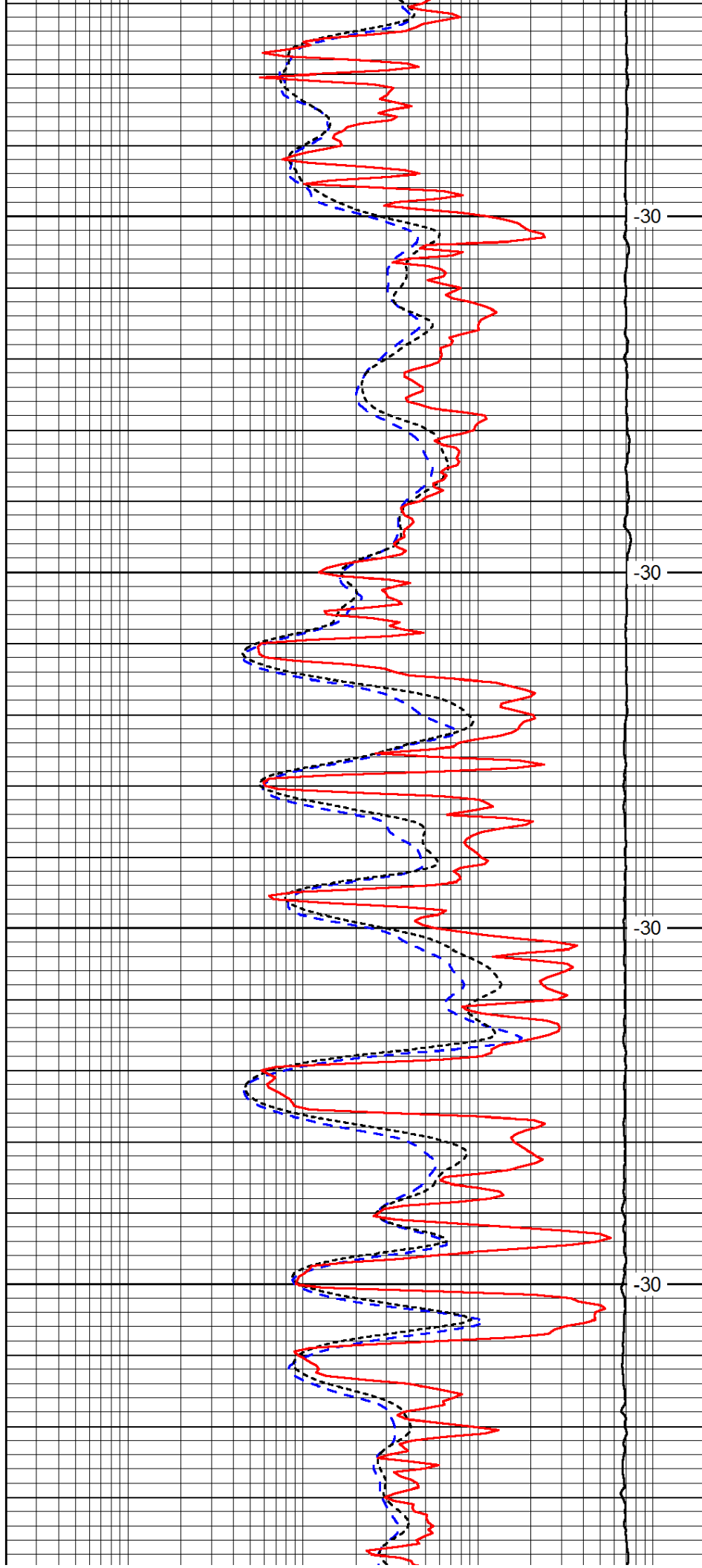


3250

3300

3350

3400

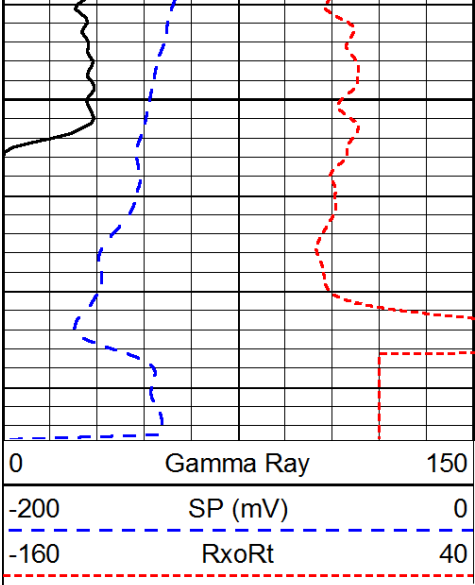


-30

-30

-30

-30



3450

