



Pioneer Energy Services

Dual Induction Log

API No.

15-009-26,008-00-00

Company **Scheck Oil Operations**

Well **Foughty No. 2**

Field **Foughty**

County

Barton

State

Kansas

Location **2310' FSL & 990' FWL**

Sec: **17**

Twp: **17S**

Rge: **13W**

Permanent Datum **Ground Level**
Log Measured From **Kelly Bushing** **6** Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

Elevation

K.B. 1986
D.F. 1980
G.L. 1980

Date

8/11/2014

Run Number

One

Depth Driller

3520

Depth Logger

3520

Bottom Logged Interval

3519

Top Log Interval

450

Casing Driller

8.625 @ 473

Casing Logger

464

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

8300

Density / Viscosity

9.15

pH / Fluid Loss

10.5

Source of Sample

Flowline

Rm @ Meas. Temp

.65 @ 78

Rmf @ Meas. Temp

.49 @ 78

Rmc @ Meas. Temp

.88 @ 78

Source of Rmf / Rmc

Charts

Rm @ BHT

.46 @ 111

Operating Rig Time

4 Hours

Max Rec. Temp. F

111

Equipment Number

108

Location

Hays

Recorded By

J Henrickson

Witnessed By

D Fischer

<<< 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

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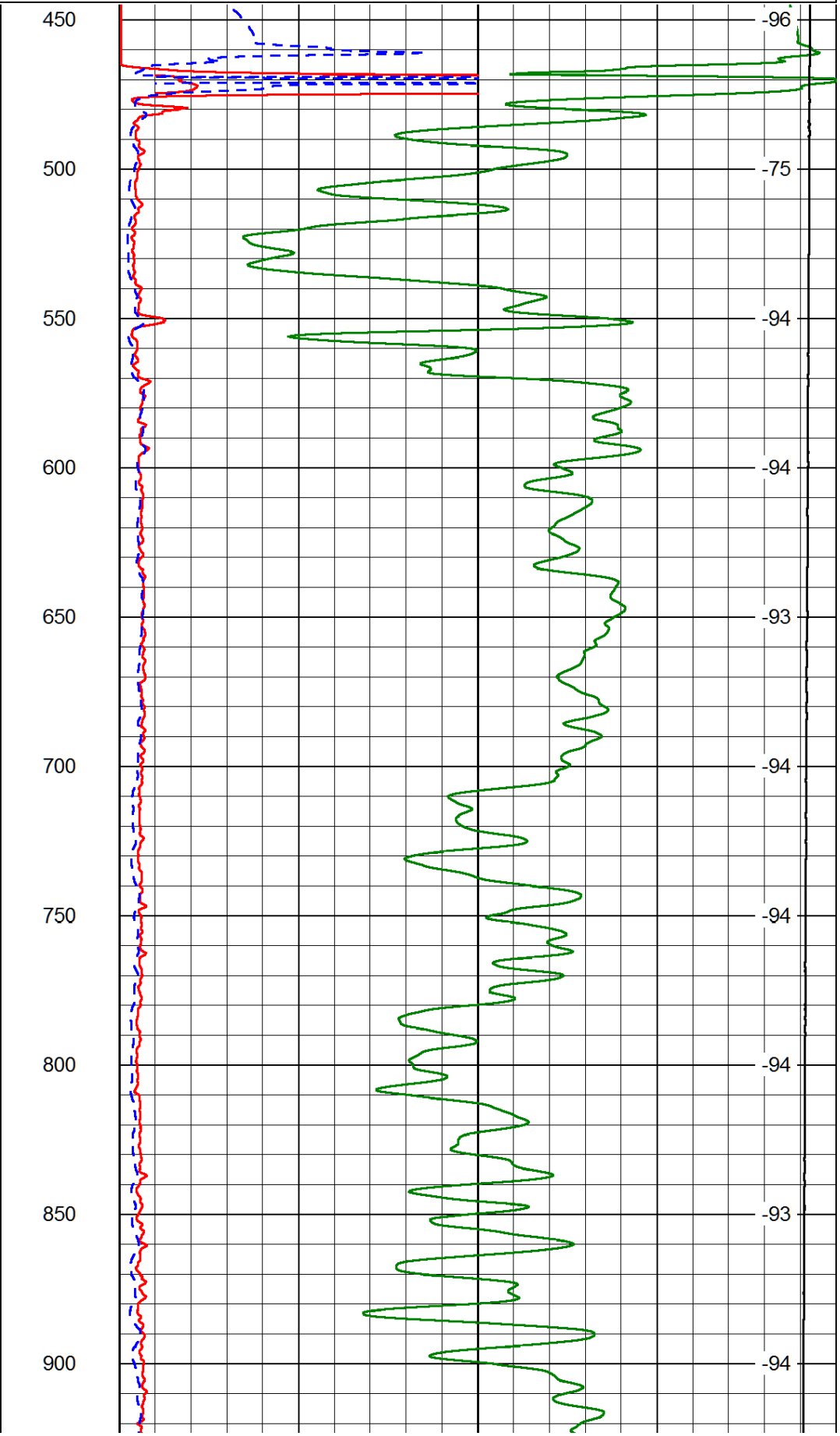
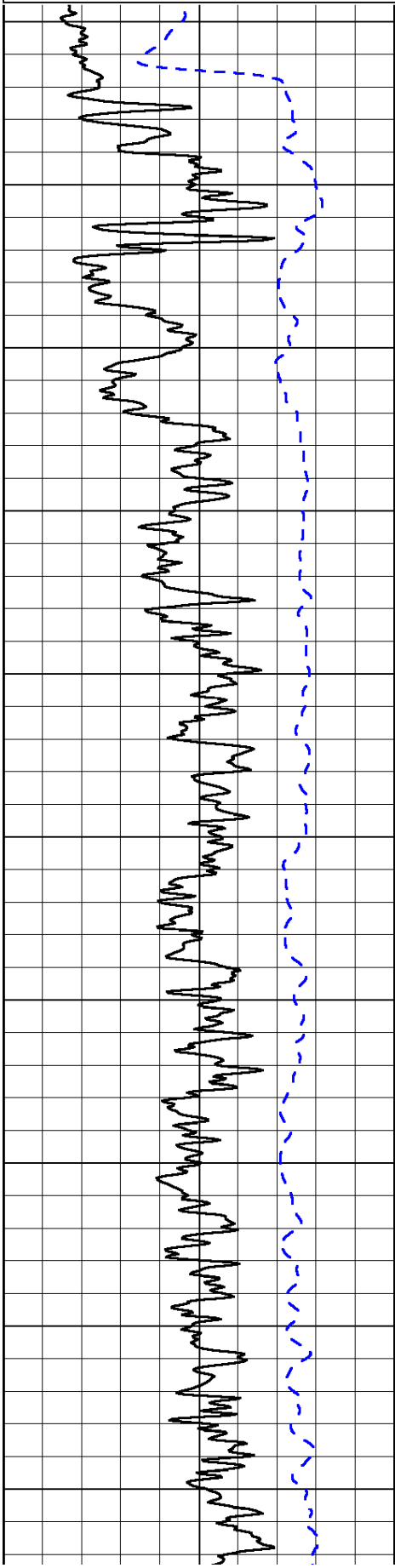
Hoisington Ks., 3 North on Susank Rd., 1 West, 1/2 North, East Into.

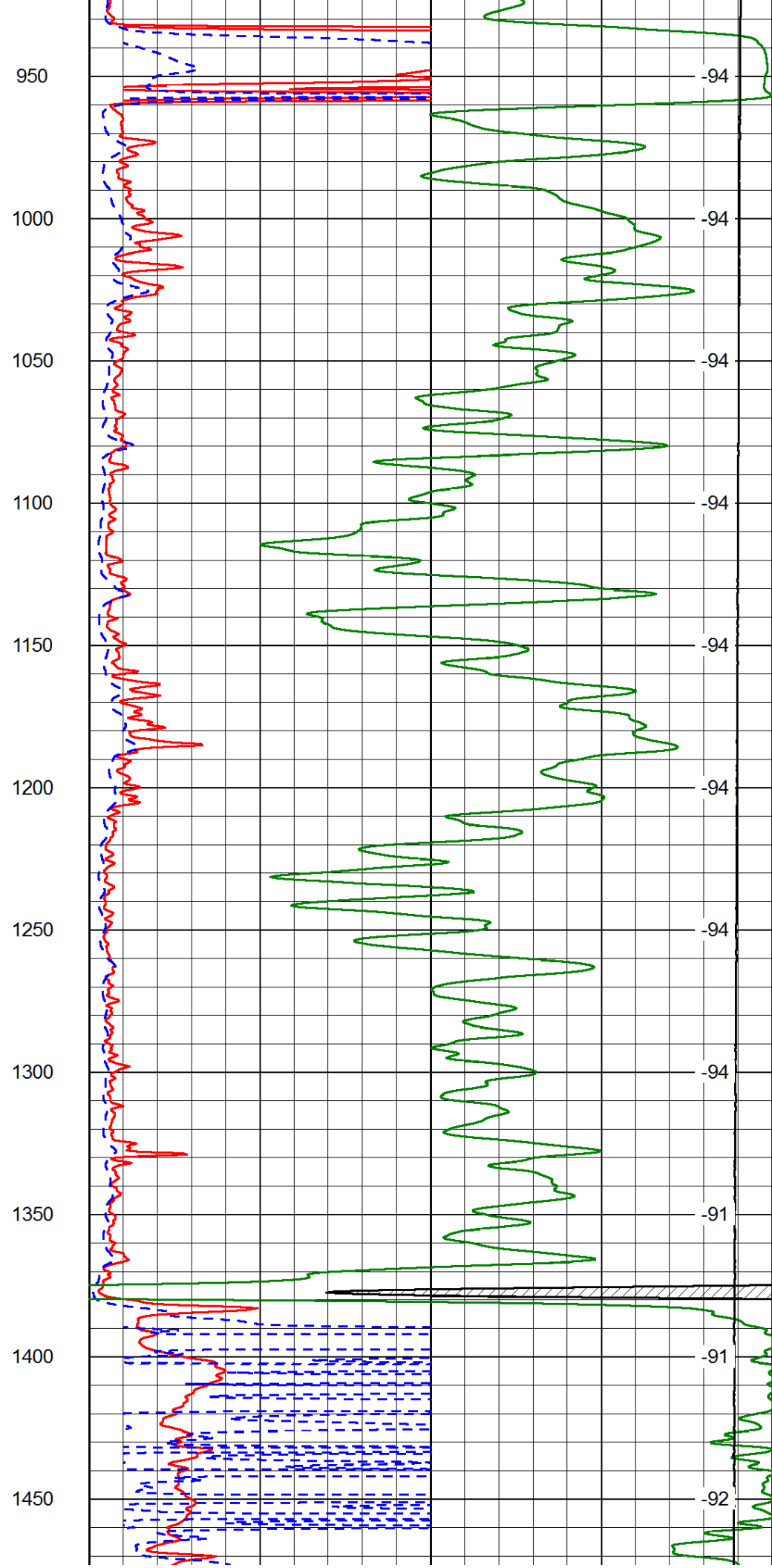
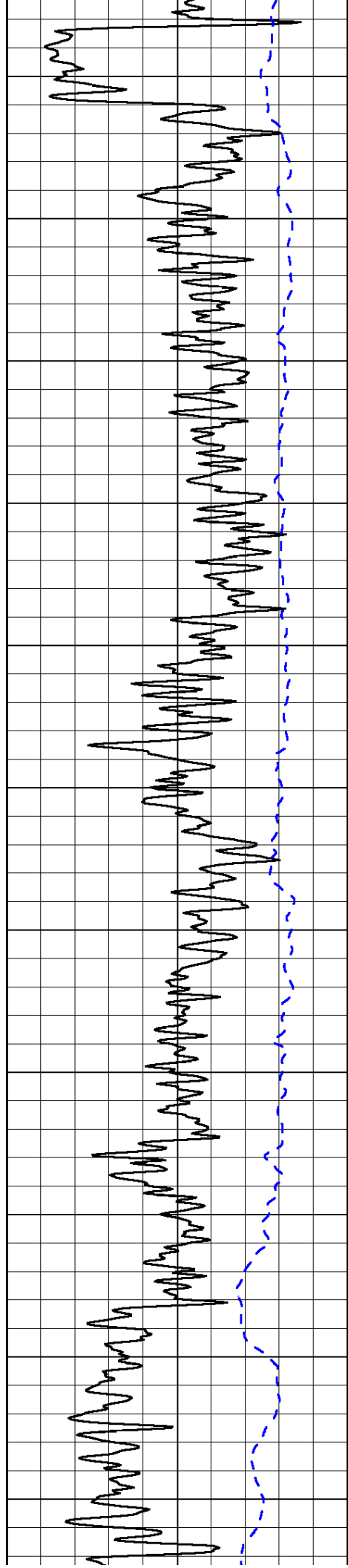
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Dataset Pathname: DIL/schstk
Presentation Format: dil2in
Dataset Creation: Mon Aug 11 14:36:38 2014
Charted by: Depth in Feet scaled 1:600

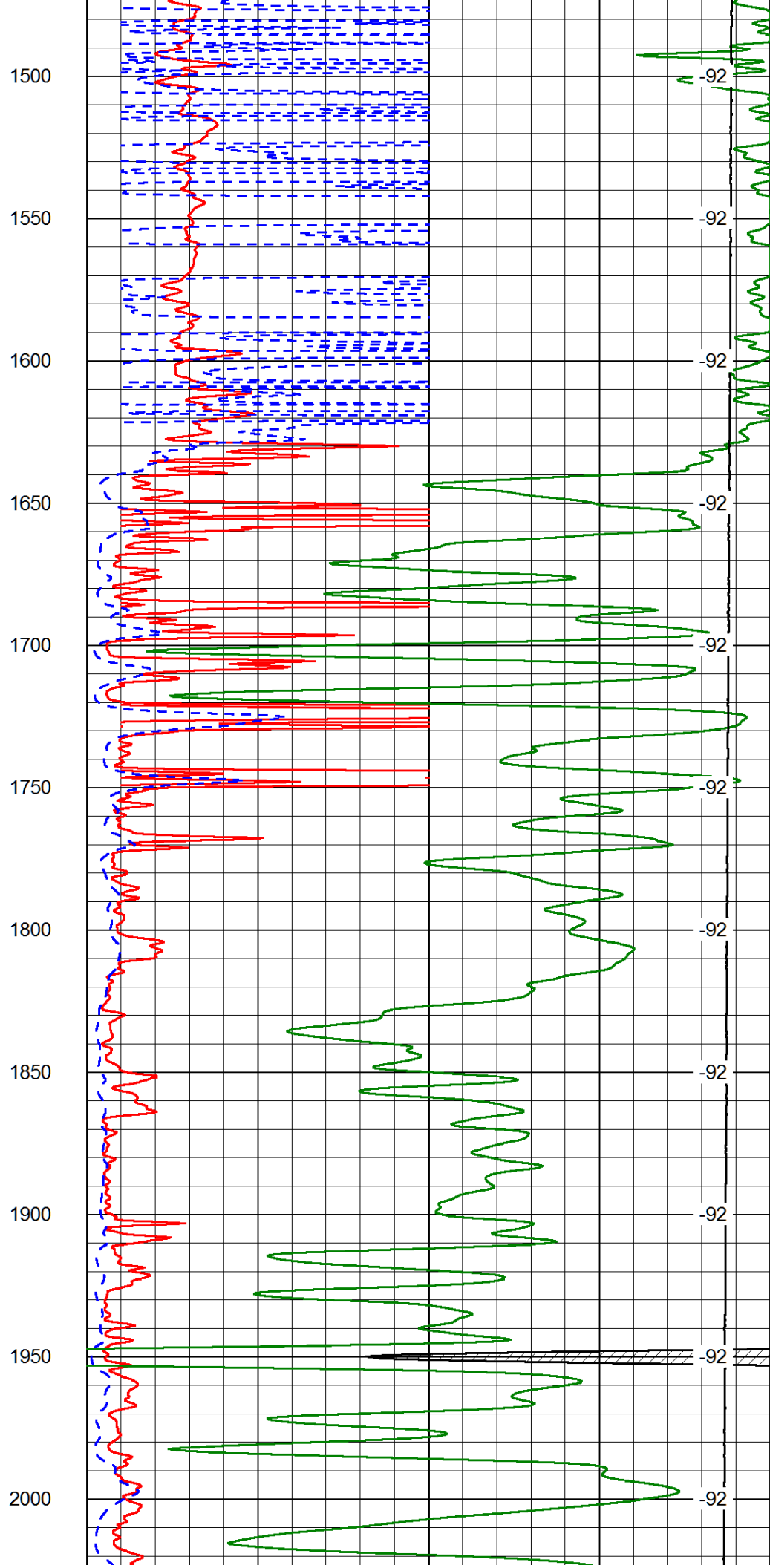
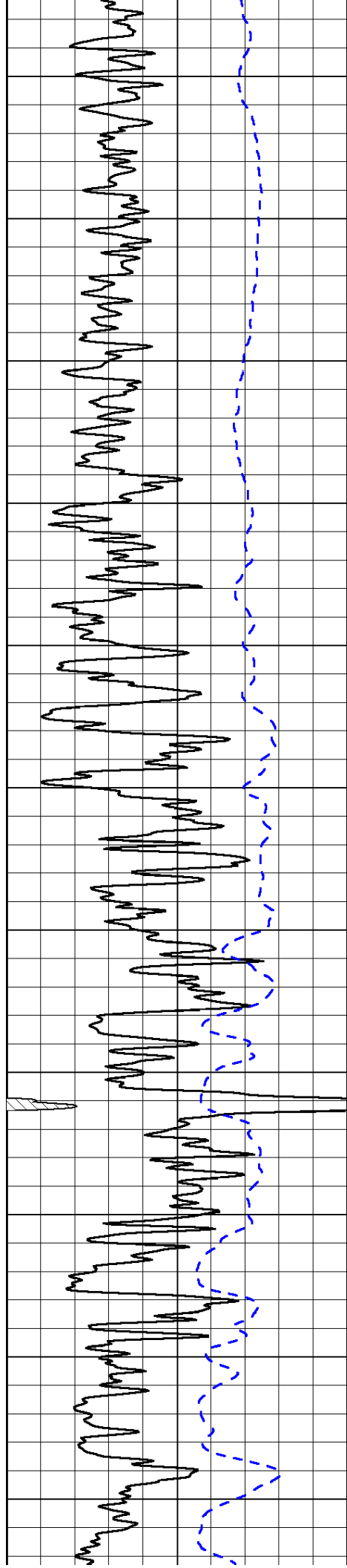
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-200	SP (mV)	0

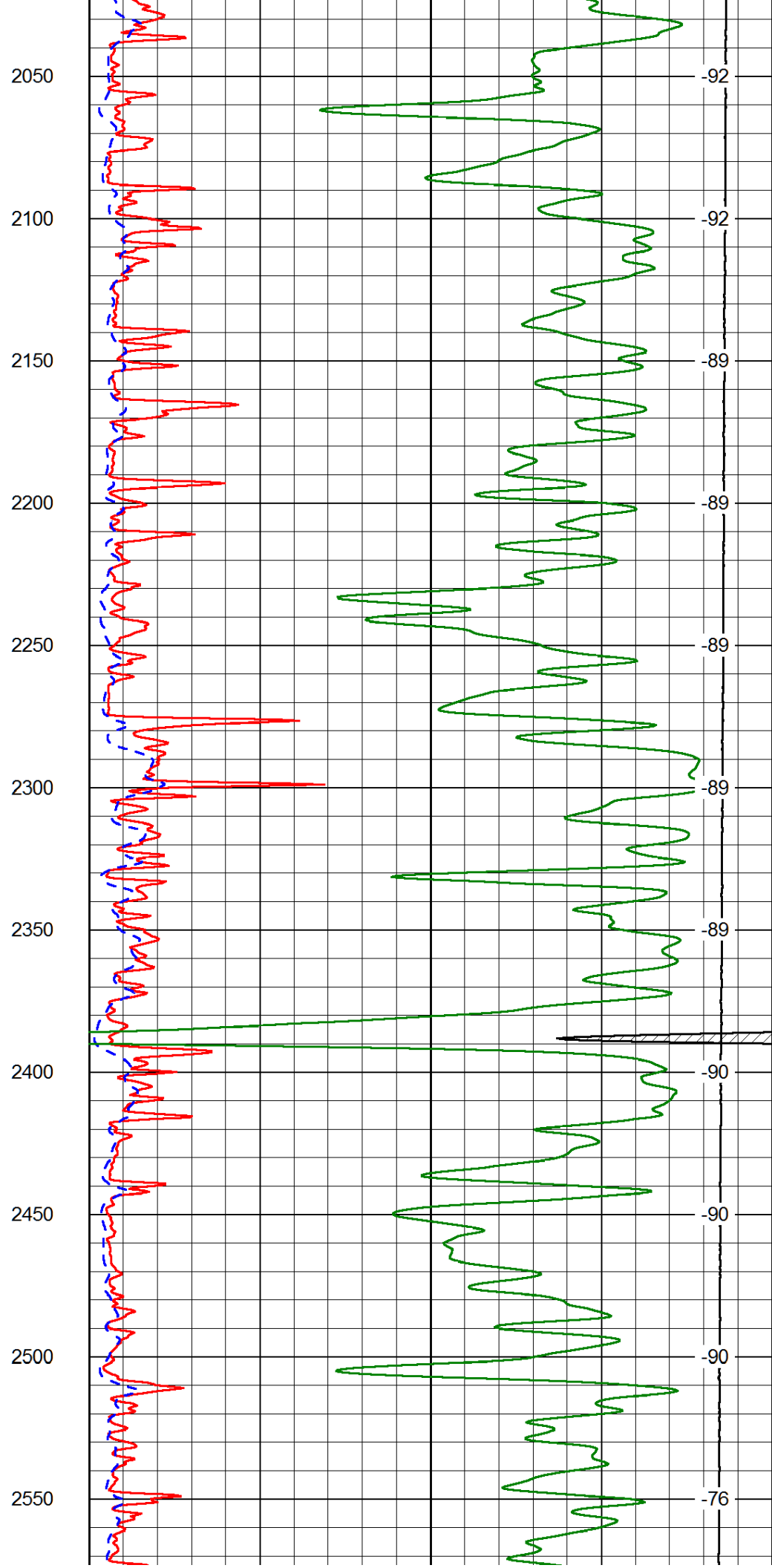
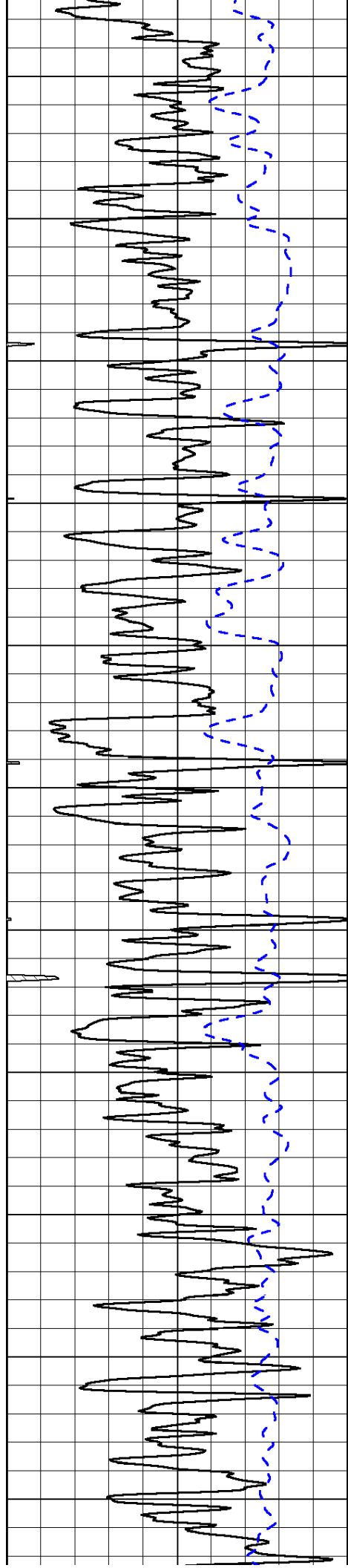
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

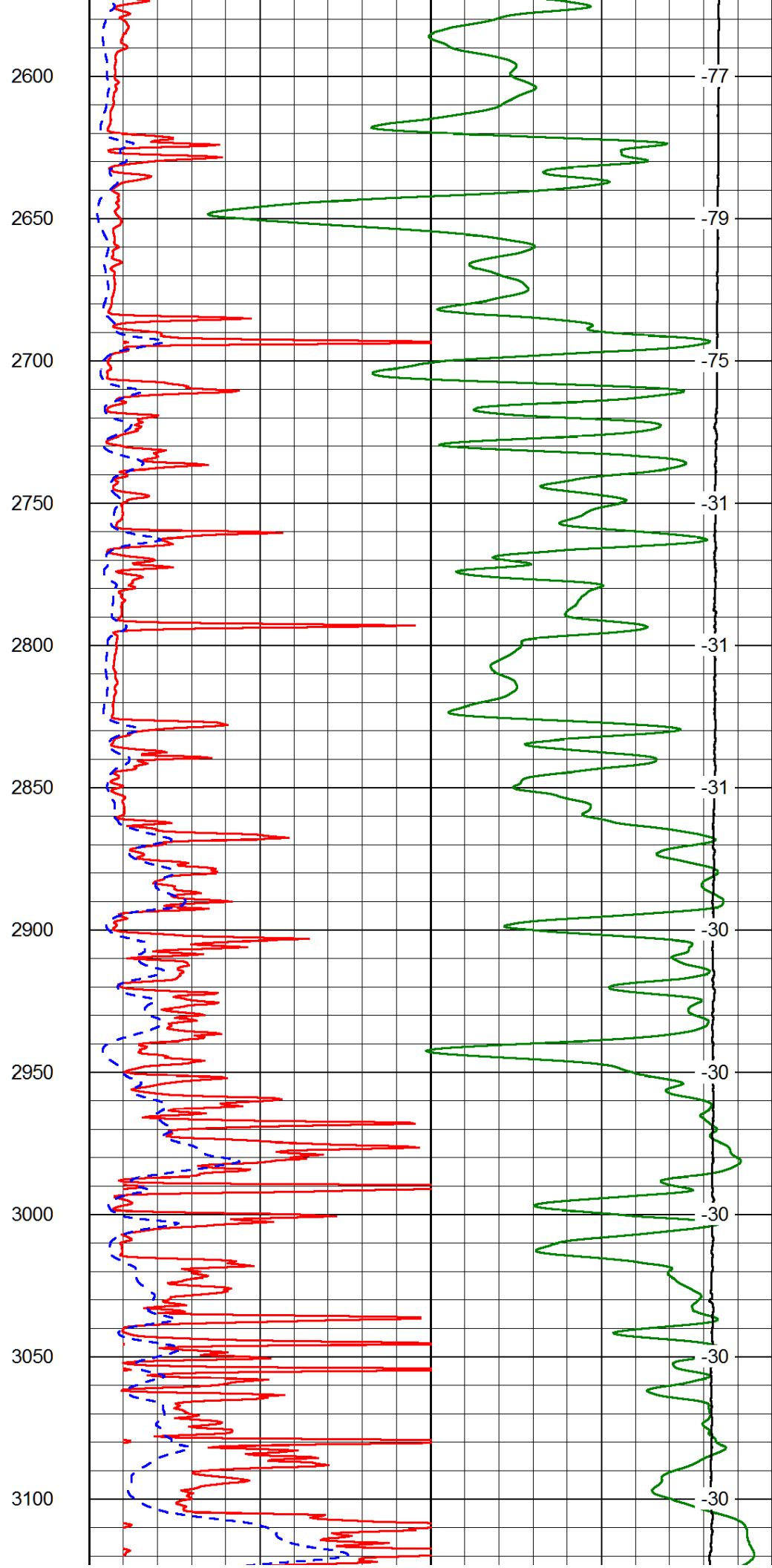
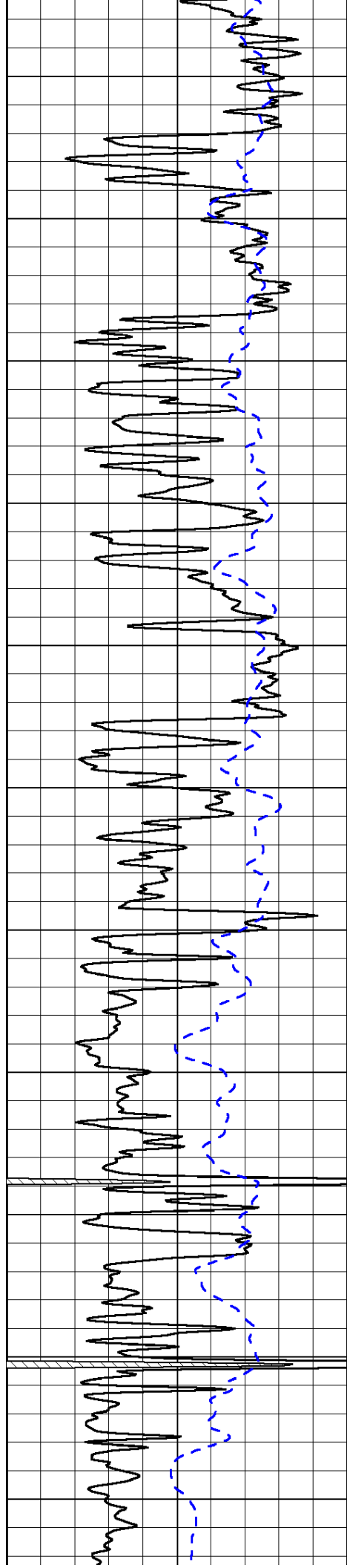
50	Shallow Resistivity	500
50	Deep Resistivity	500

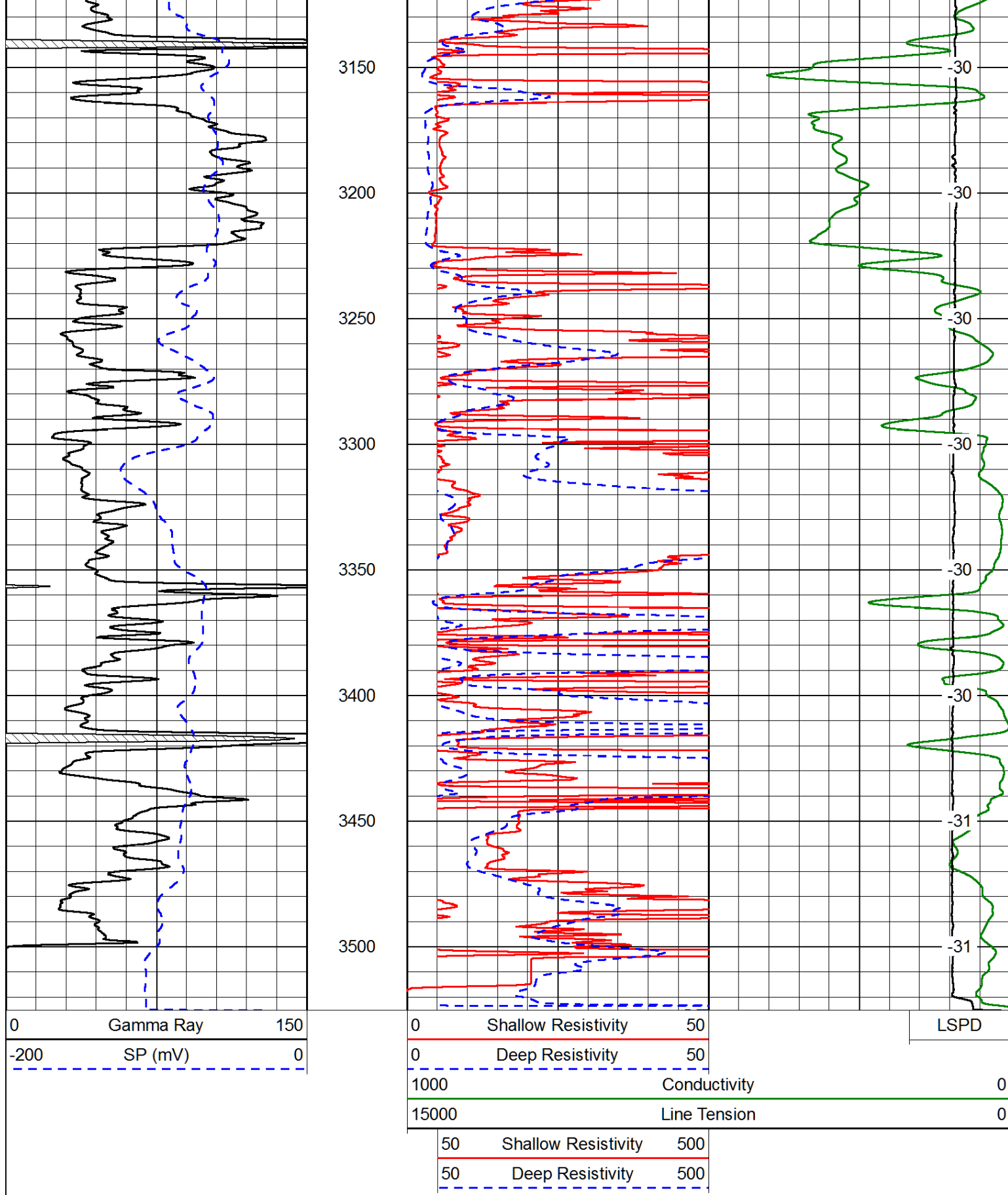










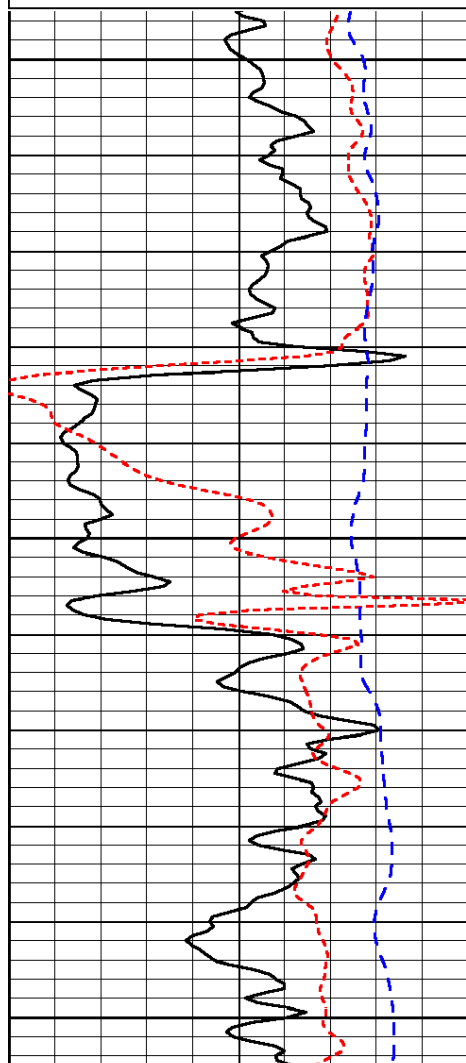


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 Dataset Pathname: DIL/schstk
 Presentation Format: dil
 Dataset Creation: Mon Aug 11 14:36:38 2014
 Charted by: Depth in Feet scaled 1:240

-160	RXO/RT	40
-200	SP (mV)	0

0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD

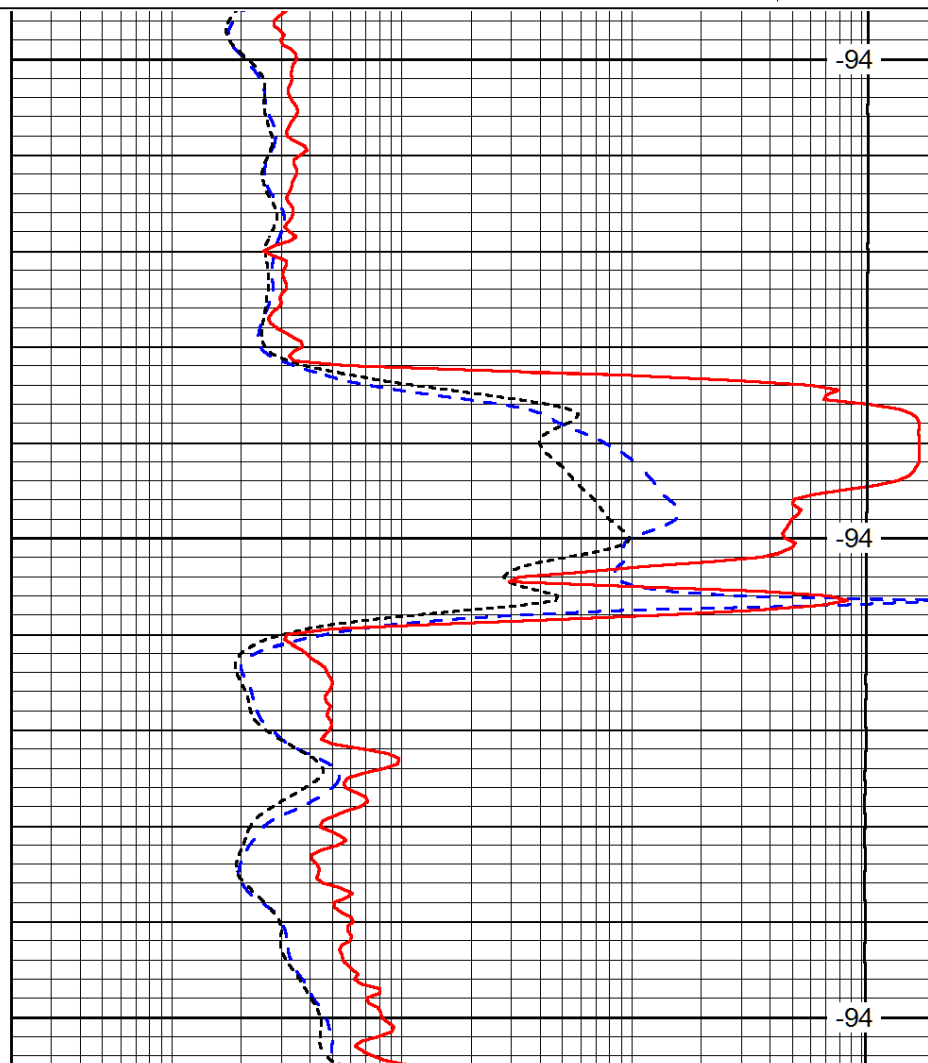


0	Gamma Ray	150
-160	RXO/RT	40
-200	SP (mV)	0

900

950

1000



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

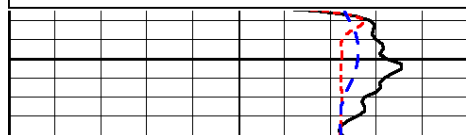
LSPD

Database File: scheck_oil_operation_foughty_2hd.db
 Dataset Pathname: DIL/schstk
 Presentation Format: dil
 Dataset Creation: Mon Aug 11 14:36:38 2014
 Charted by: Depth in Feet scaled 1:240

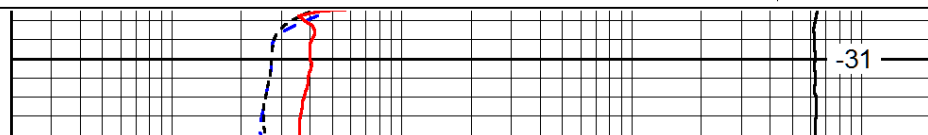
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-160	RXO/RT	40
-200	SP (mV)	0

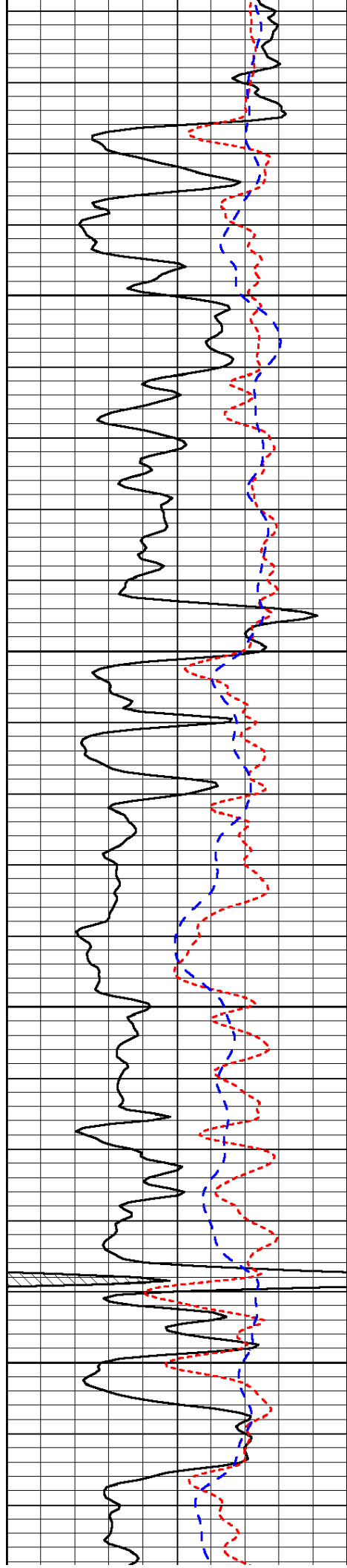
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD



2800



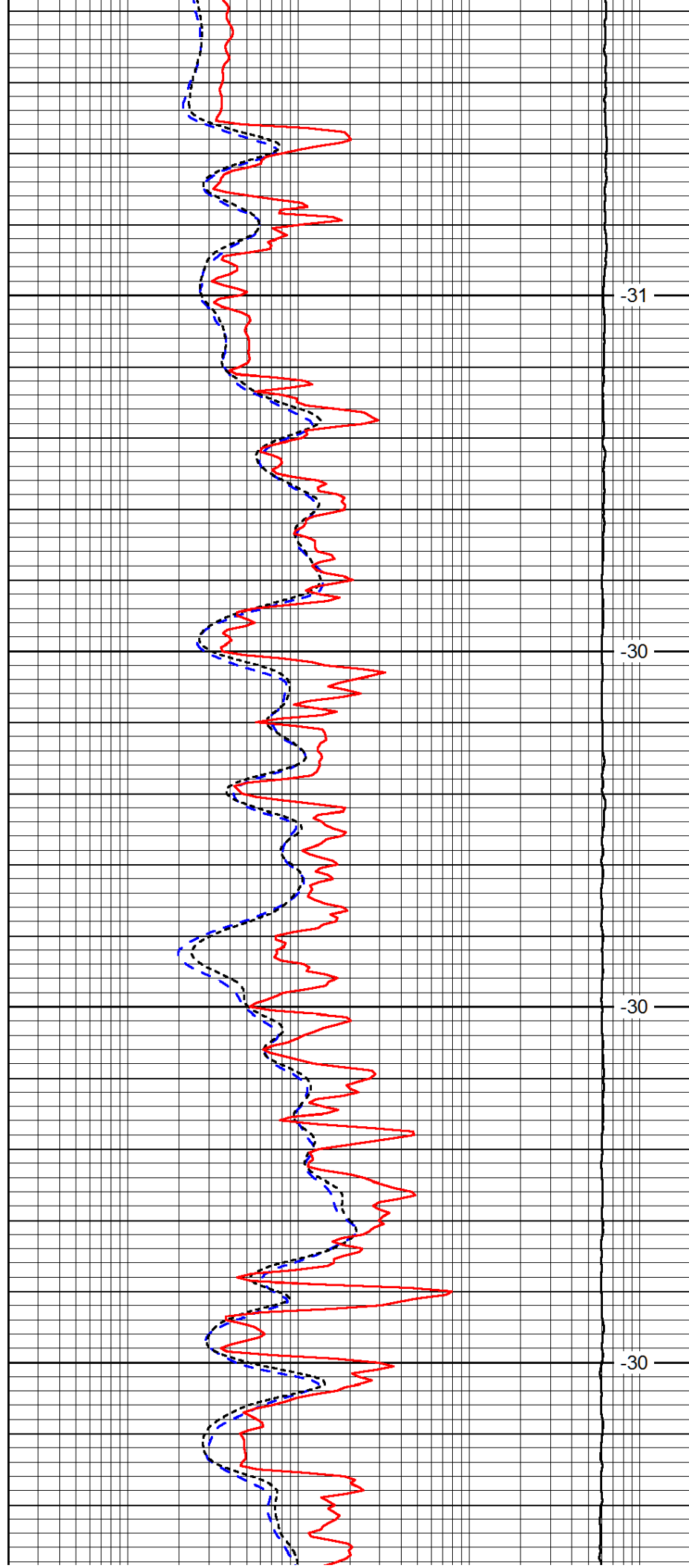


2850

2900

2950

3000

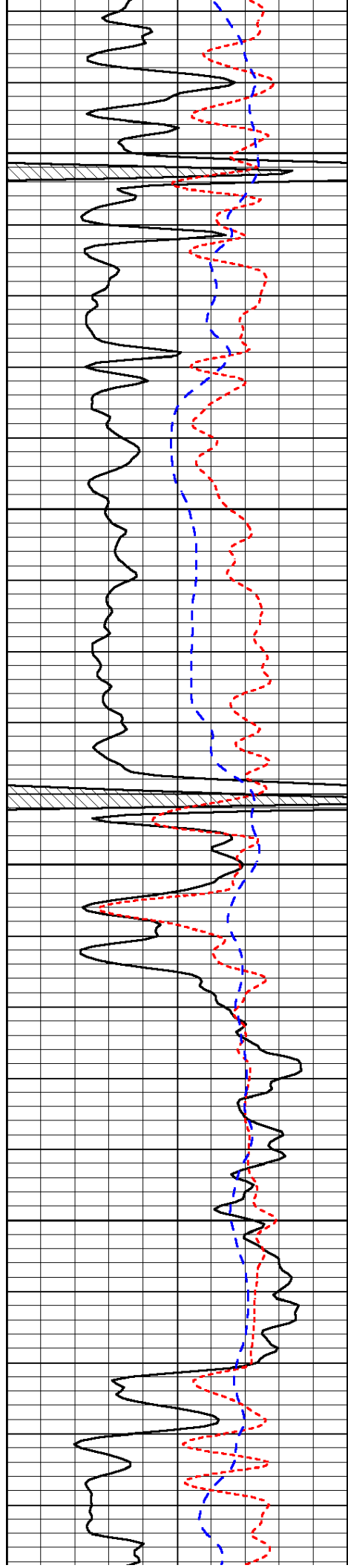


-31

-30

-30

-30

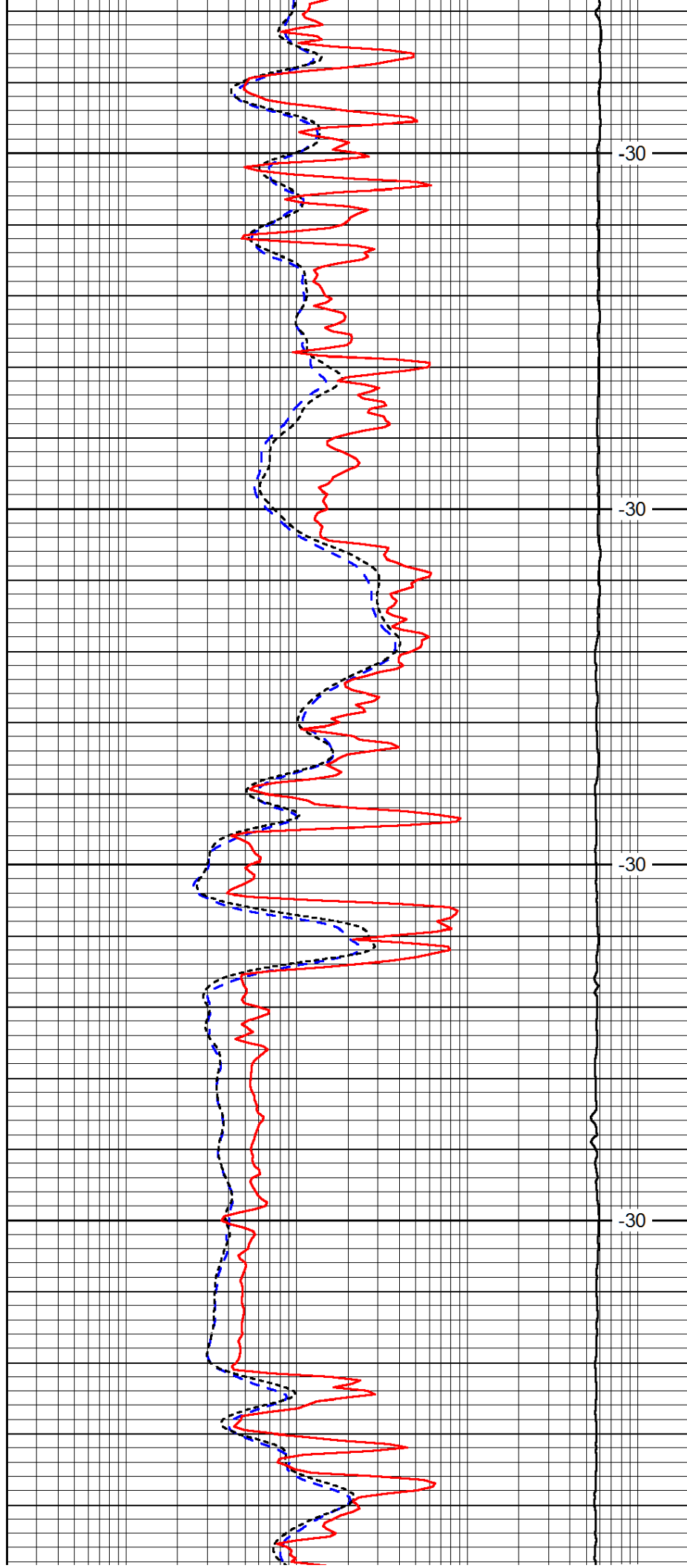


3050

3100

3150

3200

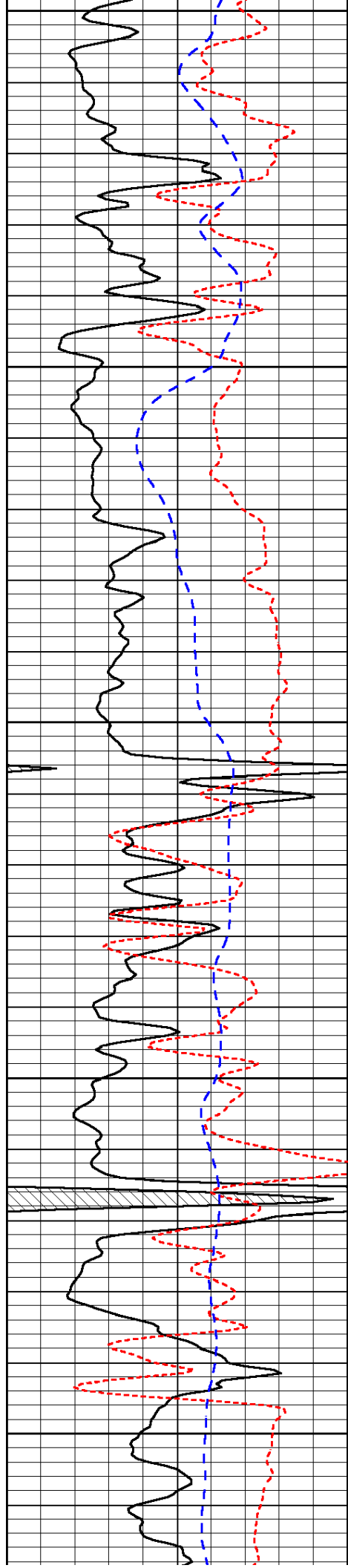


-30

-30

-30

-30



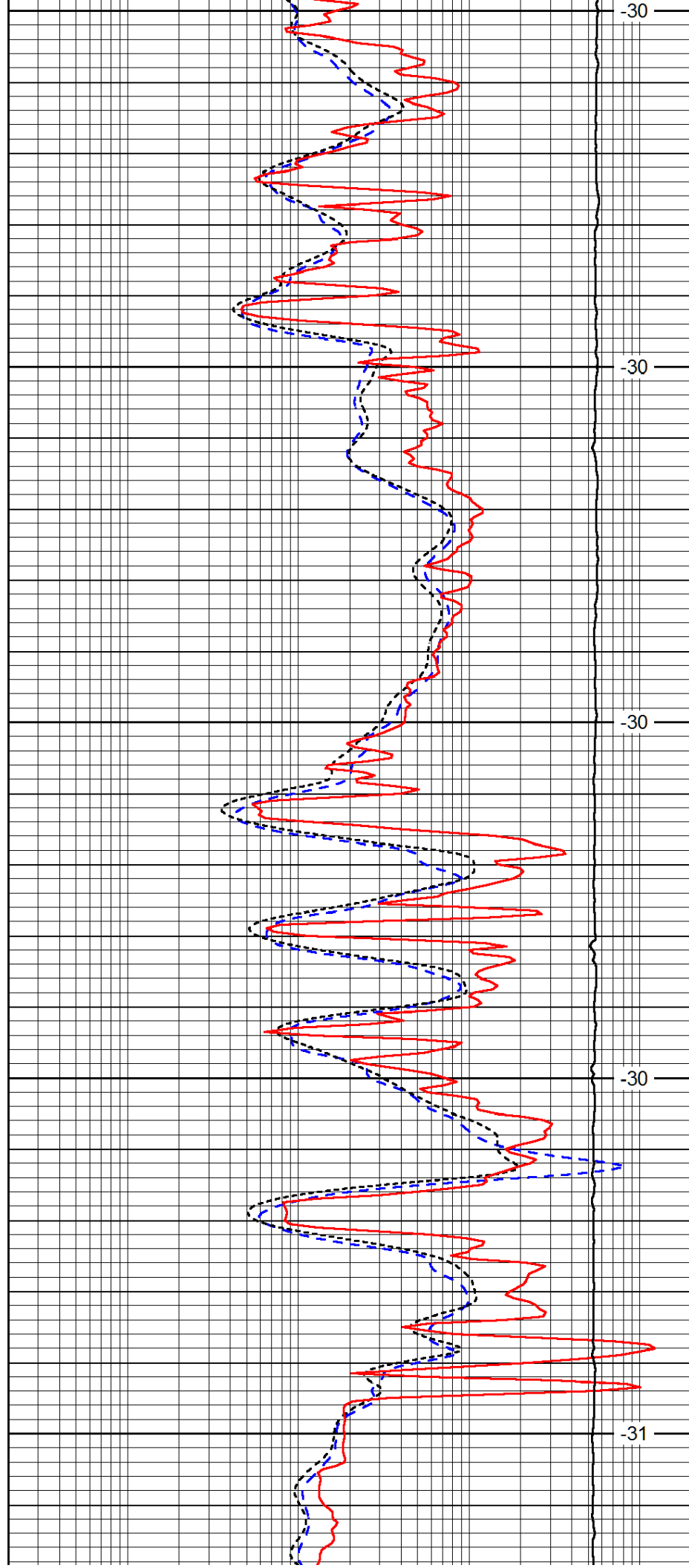
3250

3300

3350

3400

3450



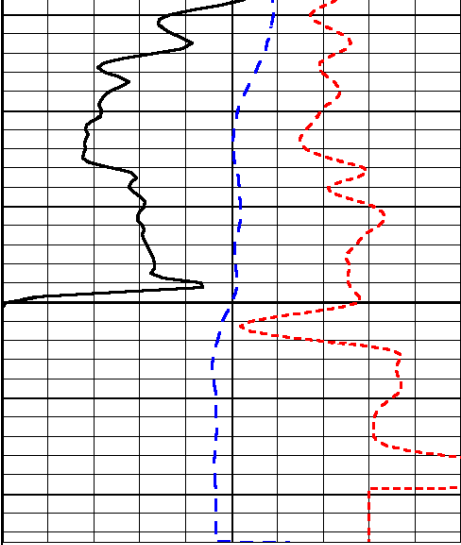
-30

-30

-30

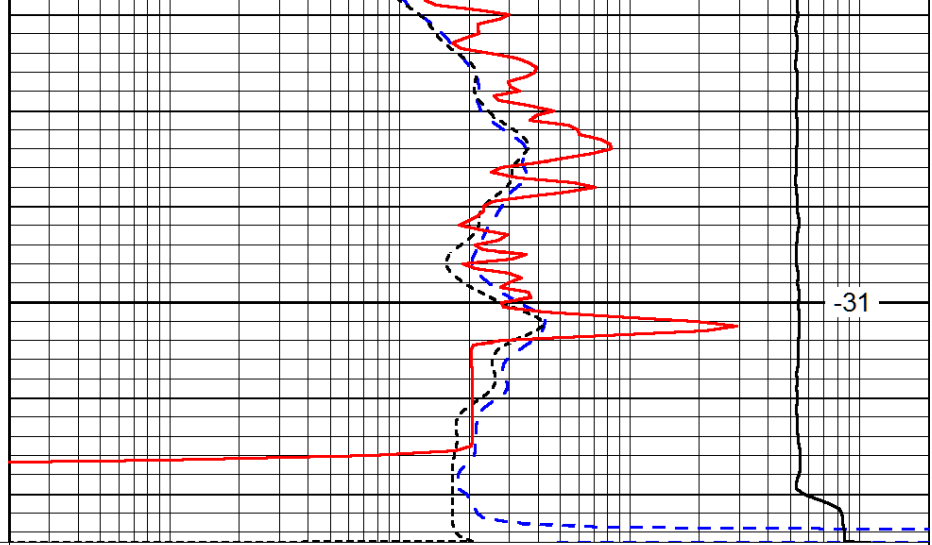
-30

-31



0	Gamma Ray	150
-160	RXO/RT	40
-200	SP (mV)	0

3500



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD

-31