



Dual Induction Log

Pioneer Energy Services

API No.

15-167-23,928-00-00

Company Prospect Oil & Gas Corporation

Well Stranger Valley #1

Field N/A

County Russell

State

Kansas

Location

NW SE NE SW
1950' FSL & 2088' FWL

Sec: 25

Twp: 12S

Rge: 15W

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

Elevation 1781
K.B. 1788
D.F. 1781
G.L. 1781

Date

12/16/2013

Run Number

One

Depth Driller

3324

Depth Logger

3323

Bottom Logged Interval

3322

Top Log Interval

200

Casing Driller

8.625 @ 220

Casing Logger

219

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2000

Density / Viscosity

9.0 54

pH / Fluid Loss

10.5 5.8

Source of Sample

Flowline

Rm @ Meas. Temp

0.46 @ 74

Rmf @ Meas. Temp

0.35 @ 74

Rmc @ Meas. Temp

0.62 @ 74

Source of Rmf / Rmc

Charts

Rm @ BHT

0.31 @ 109

Operating Rig Time

3 1/2 Hours

Max Rec. Temp. F

109

Equipment Number

15

Location

Hays

Recorded By

D. Kerr

Witnessed By

Bob Hopkins

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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

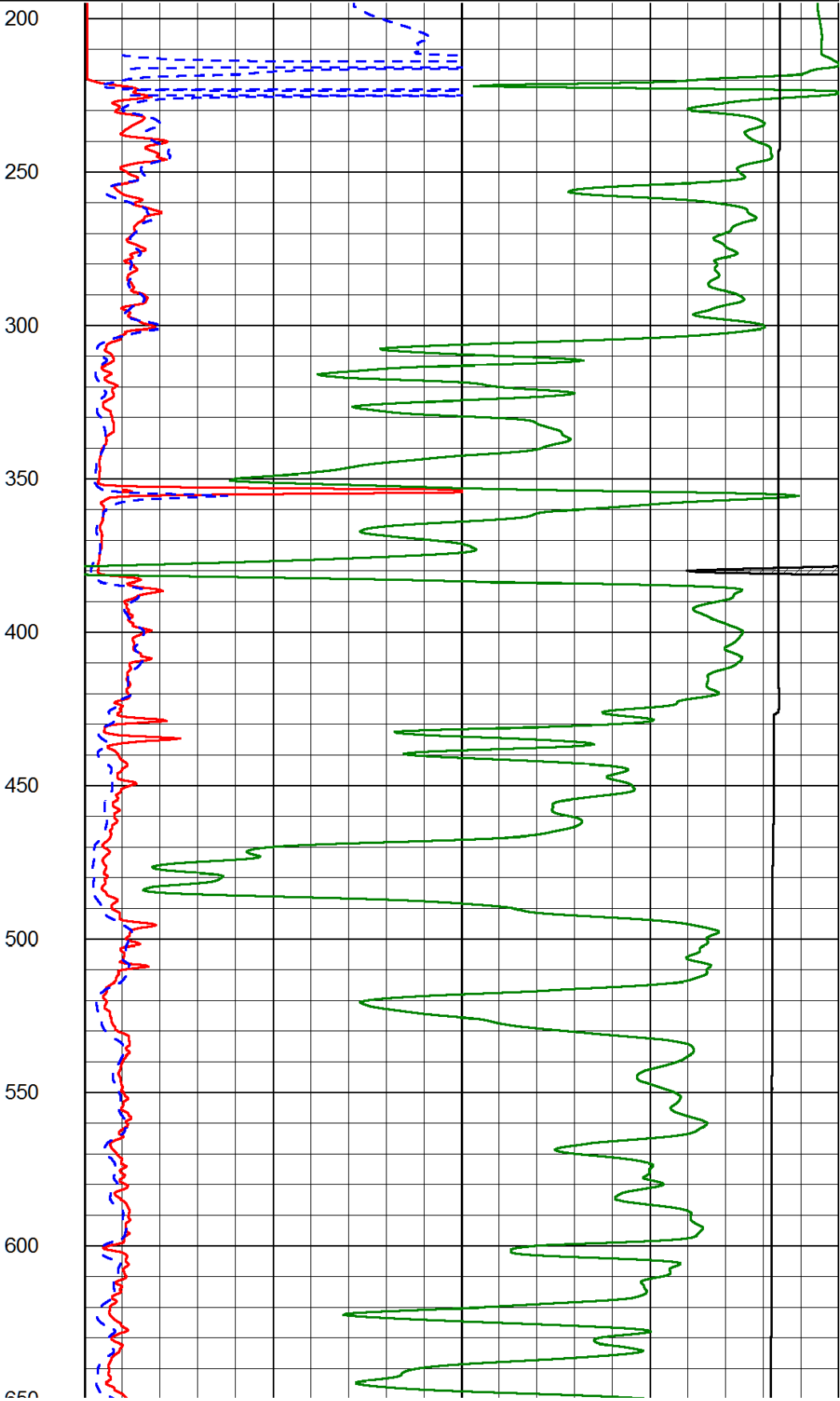
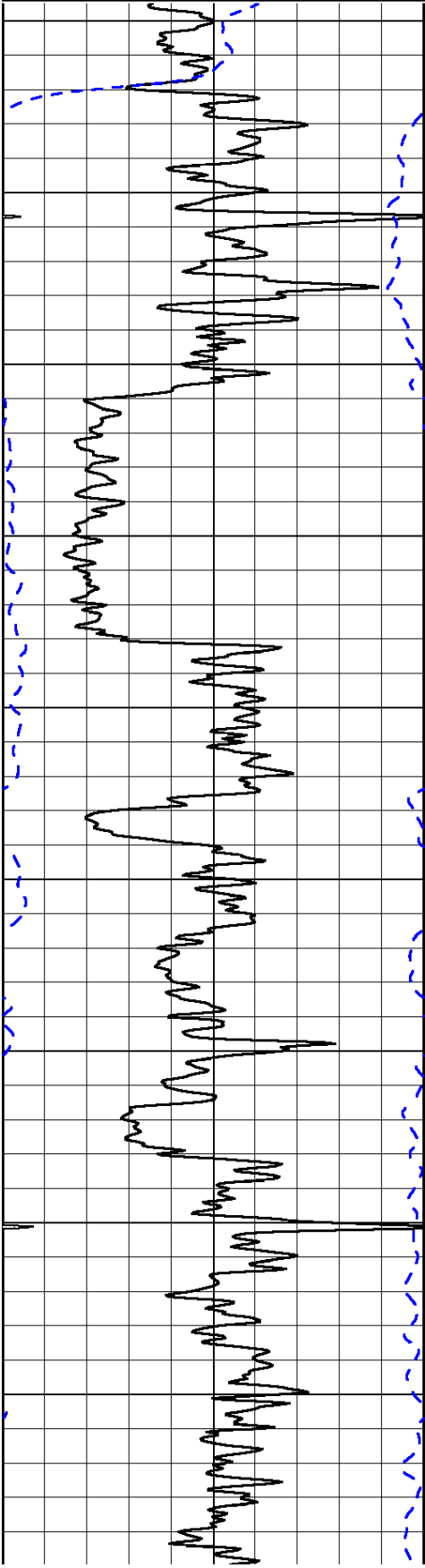
Thank you for using Log-Tech, Inc.
(785) 625-3858

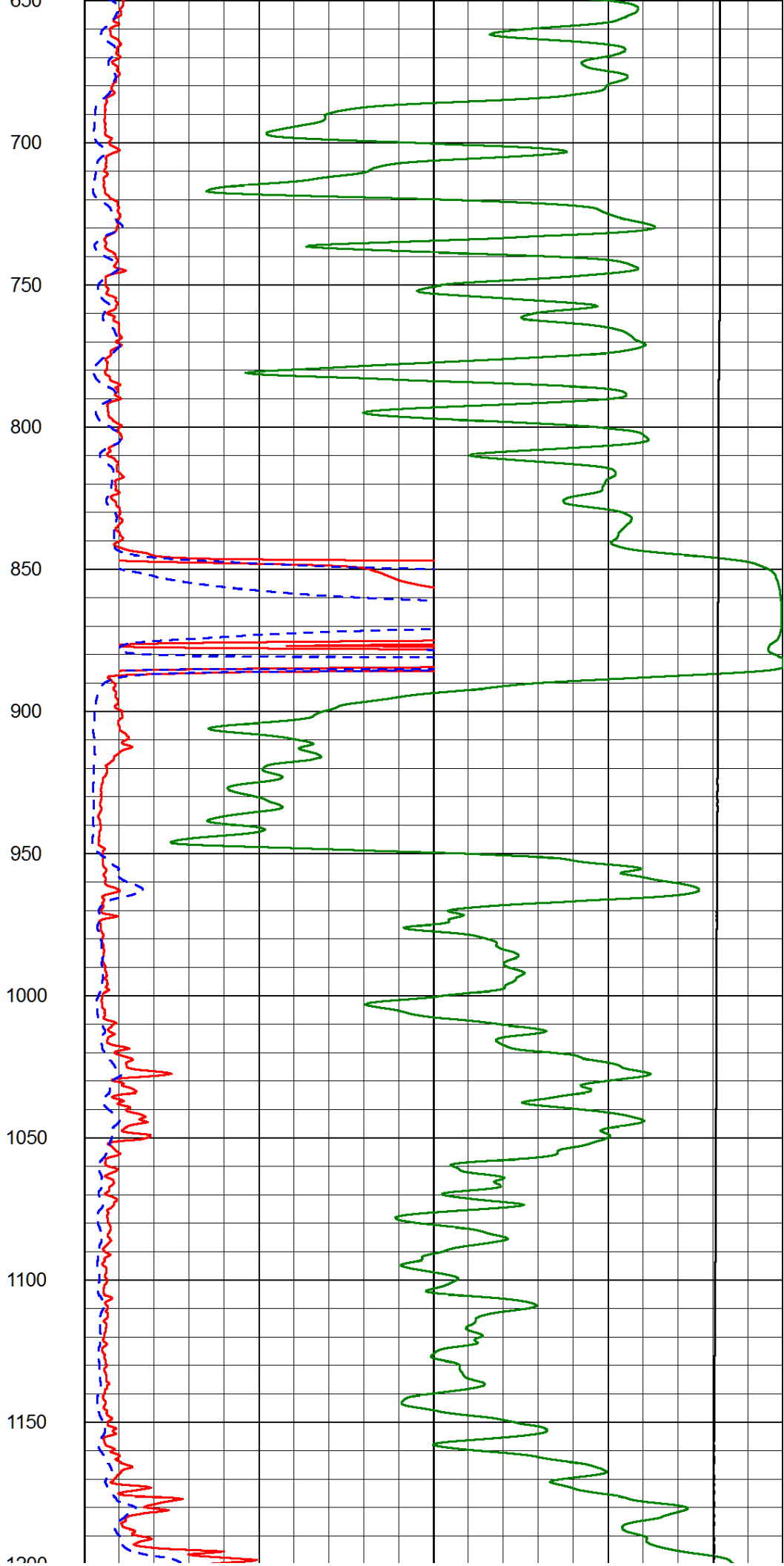
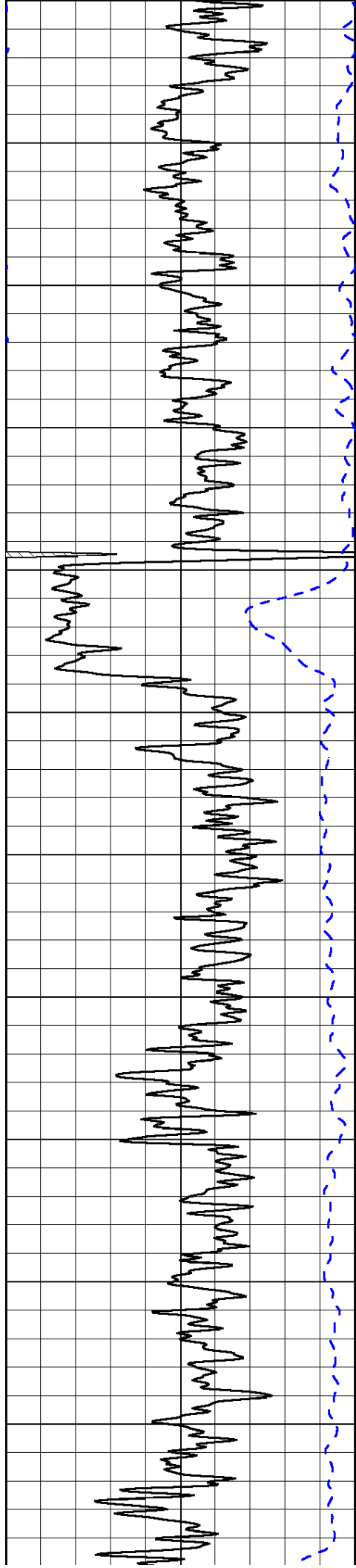
Gorham 1 East, 6 North to Dam RD,
4 East and North, West/South Into

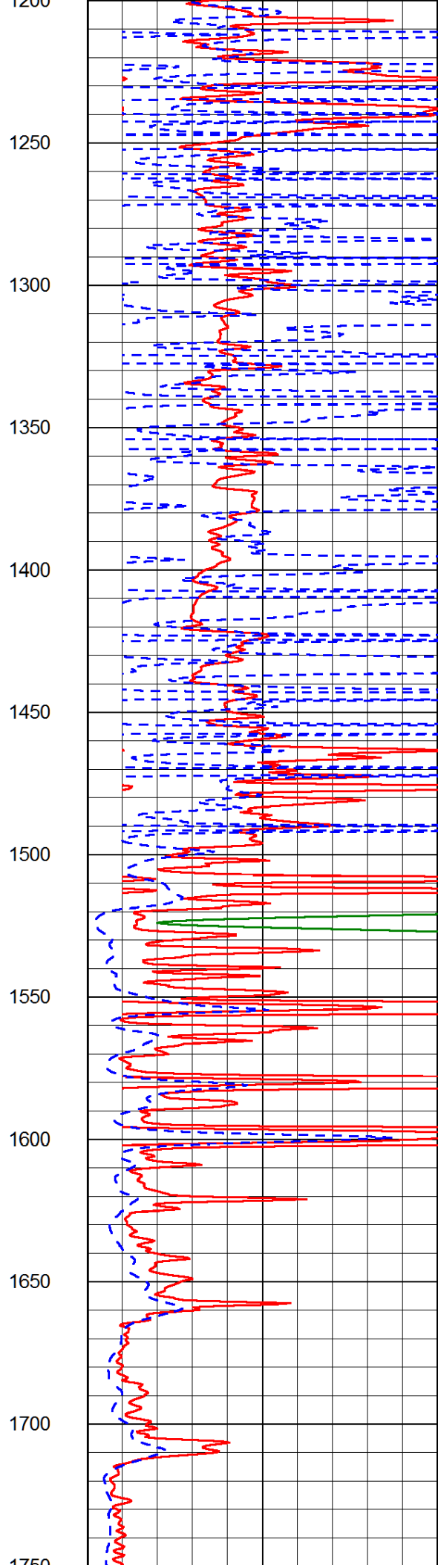
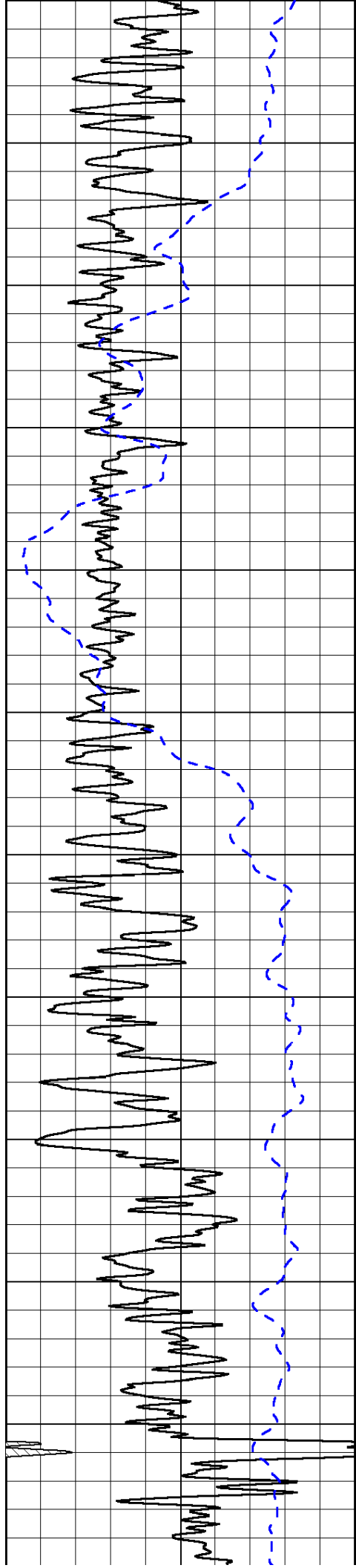
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Presentation Format: dil2in
Dataset Creation: Mon Dec 16 18:29:22 2013
Charted by: Depth in Feet scaled 1:600

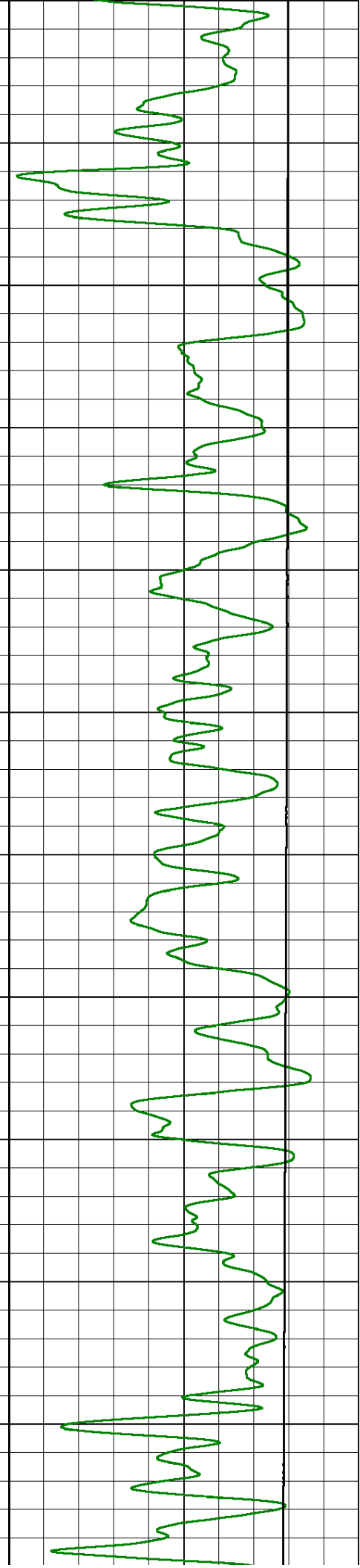
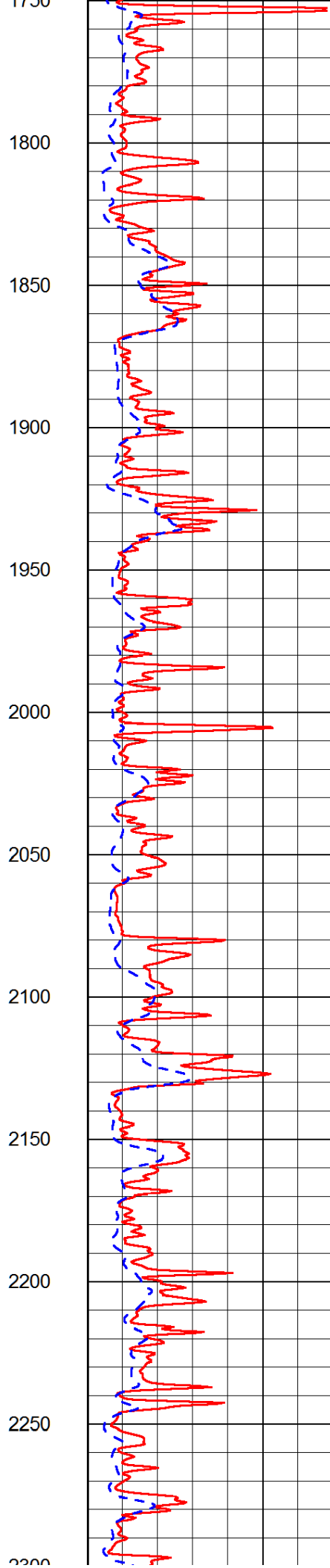
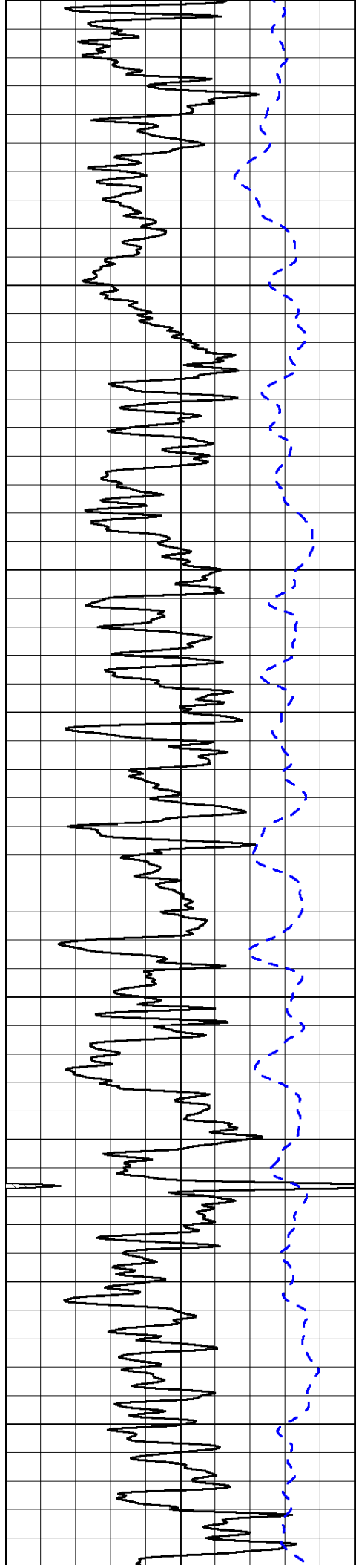
0	Gamma Ray (GAPI)	150
-200	SP (mV)	0

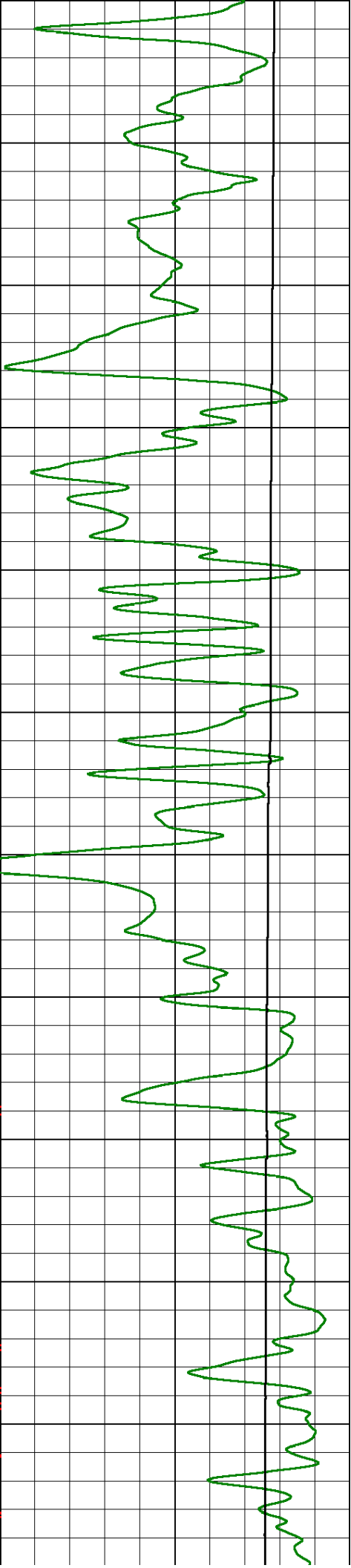
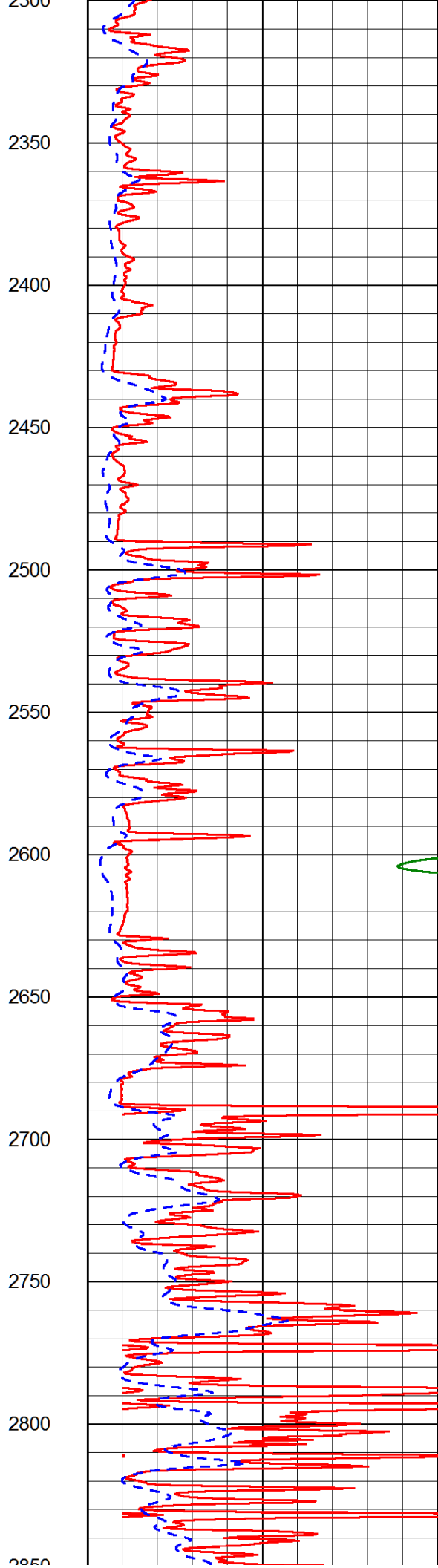
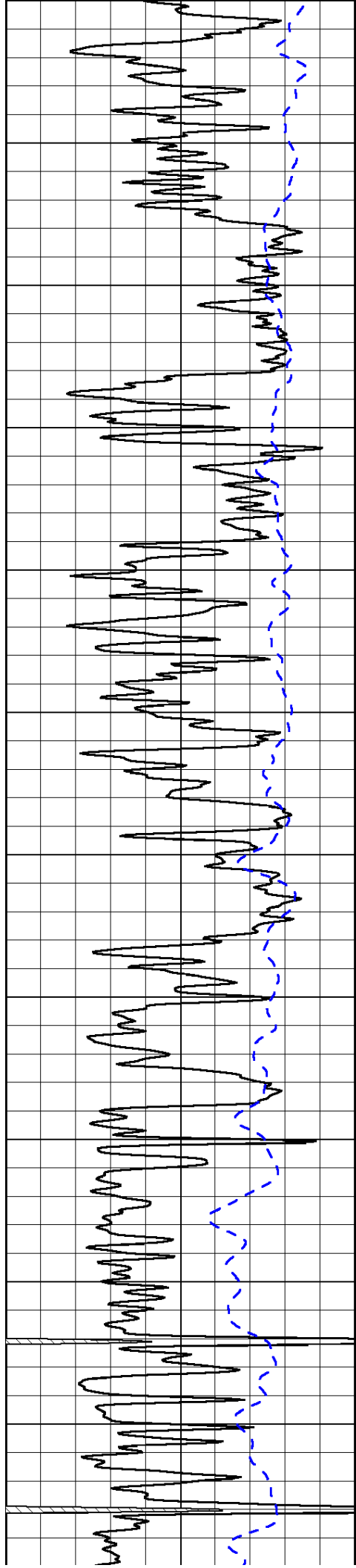
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (Ohm-m)	0
15000	Line Tension (lb)	0
	Shallow Resistivity	
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

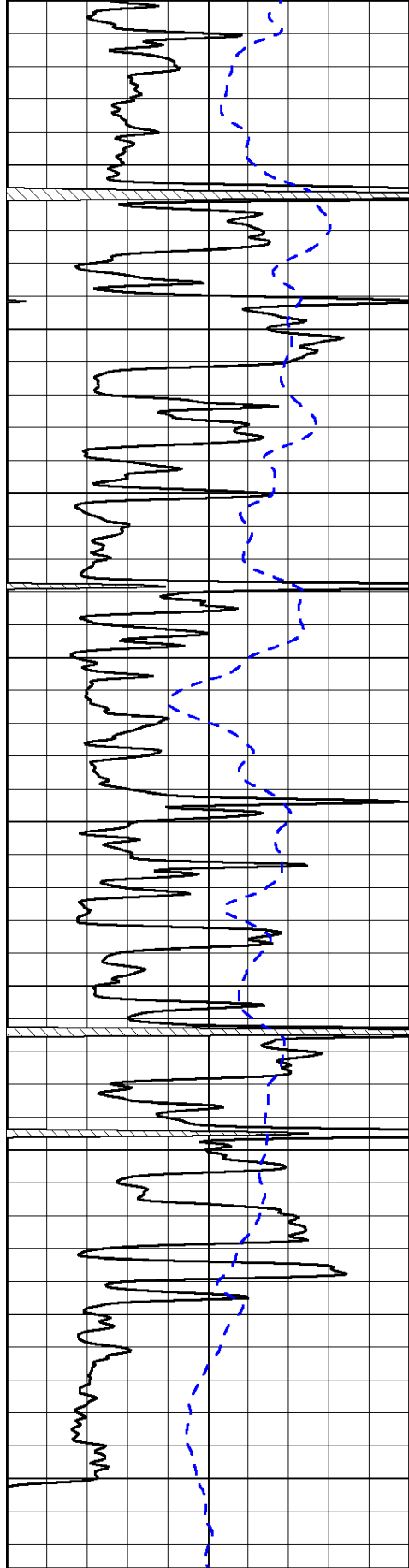




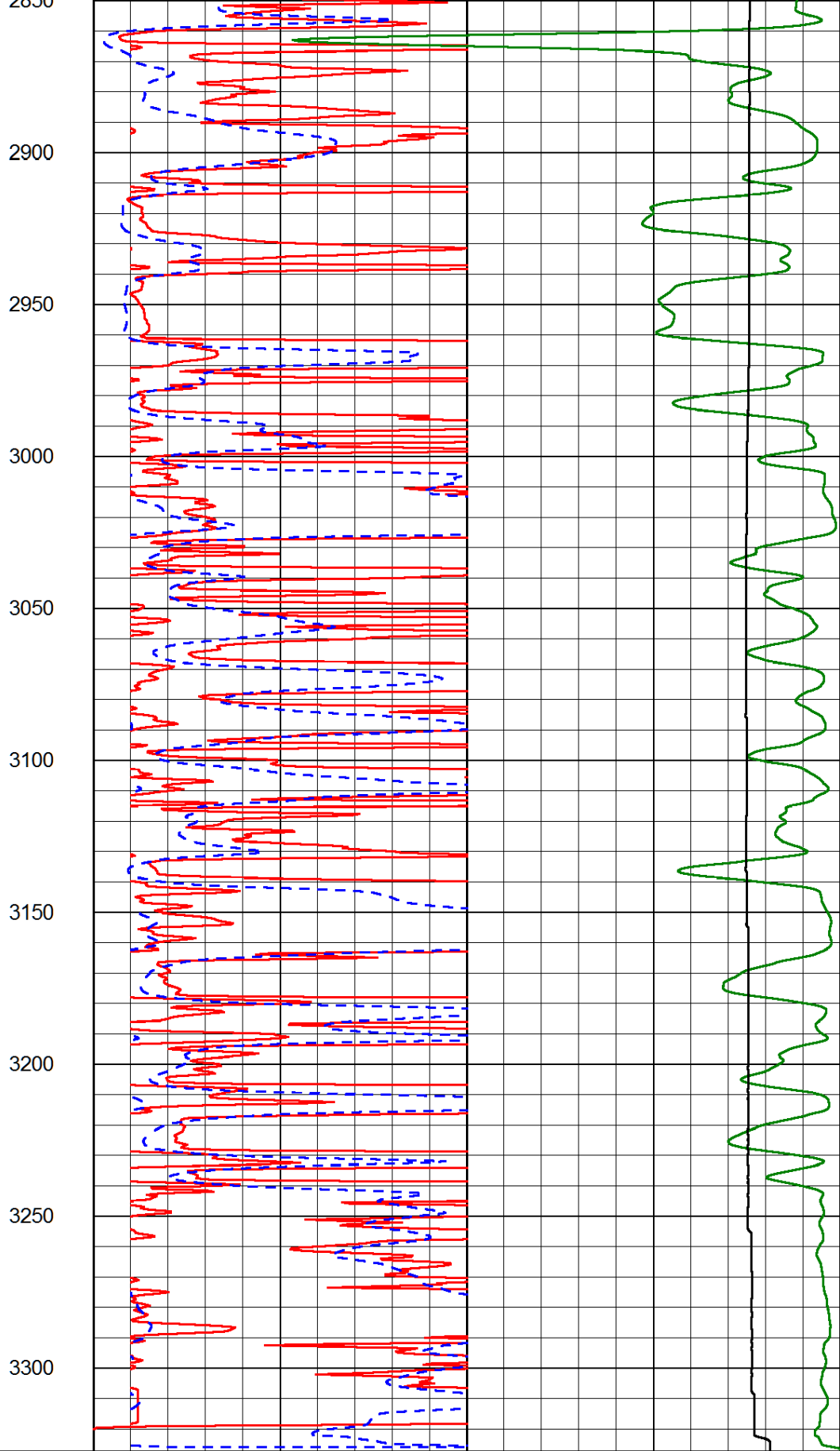








0 Gamma Ray (GAPI) 150
-200 SP (mV) 0



0 Shallow Resistivity (Ohm-m) 50
0 Deep Resistivity (Ohm-m) 50
1000 Conductivity (Ohm-m) 0

15000 Line Tension (lb) 0

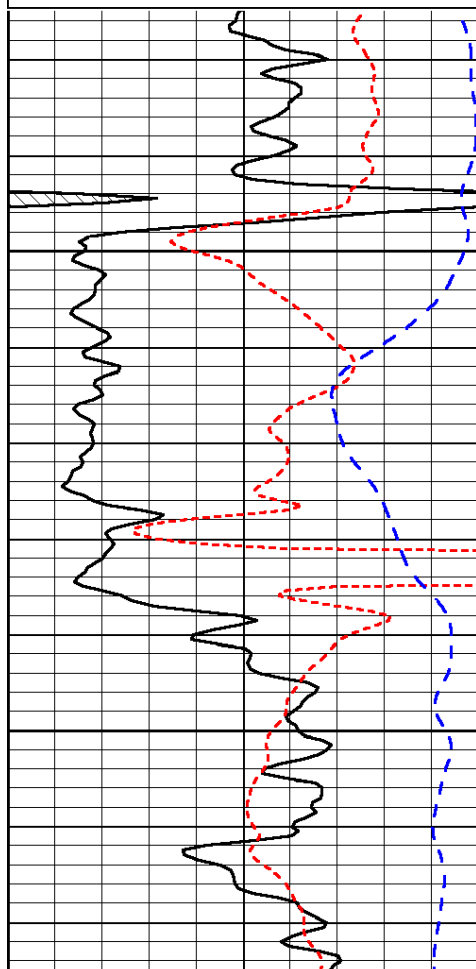
Shallow Resistivity
(Ohm-m)
50 500

Database File: prospect_strangervalley_1hd.db
Dataset Pathname: DIL/prostk
Presentation Format: dil
Dataset Creation: Mon Dec 16 18:29:22 2013
Charted by: Depth in Feet scaled 1:240

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

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

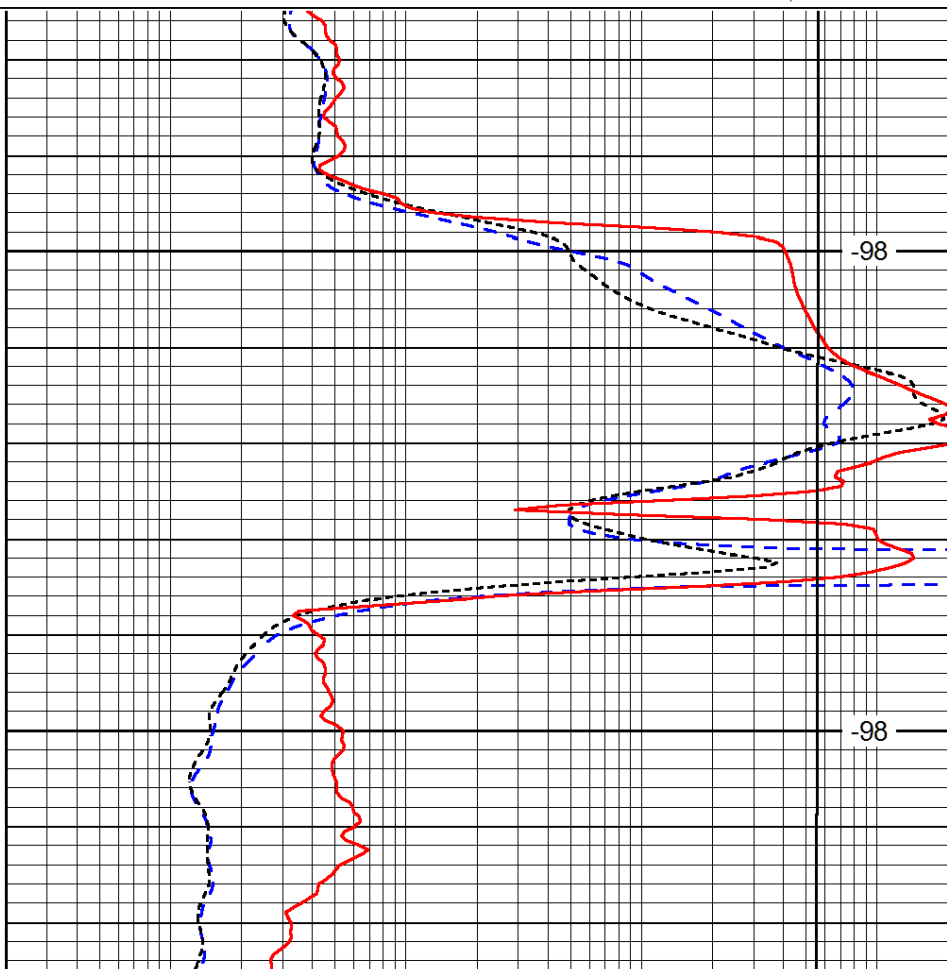
LSPD
(ft/min)



850

900

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



-98

-98

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD
(ft/min)

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Dataset Pathname: DIL/prostk
Presentation Format: dil
Dataset Creation: Mon Dec 16 18:29:22 2013
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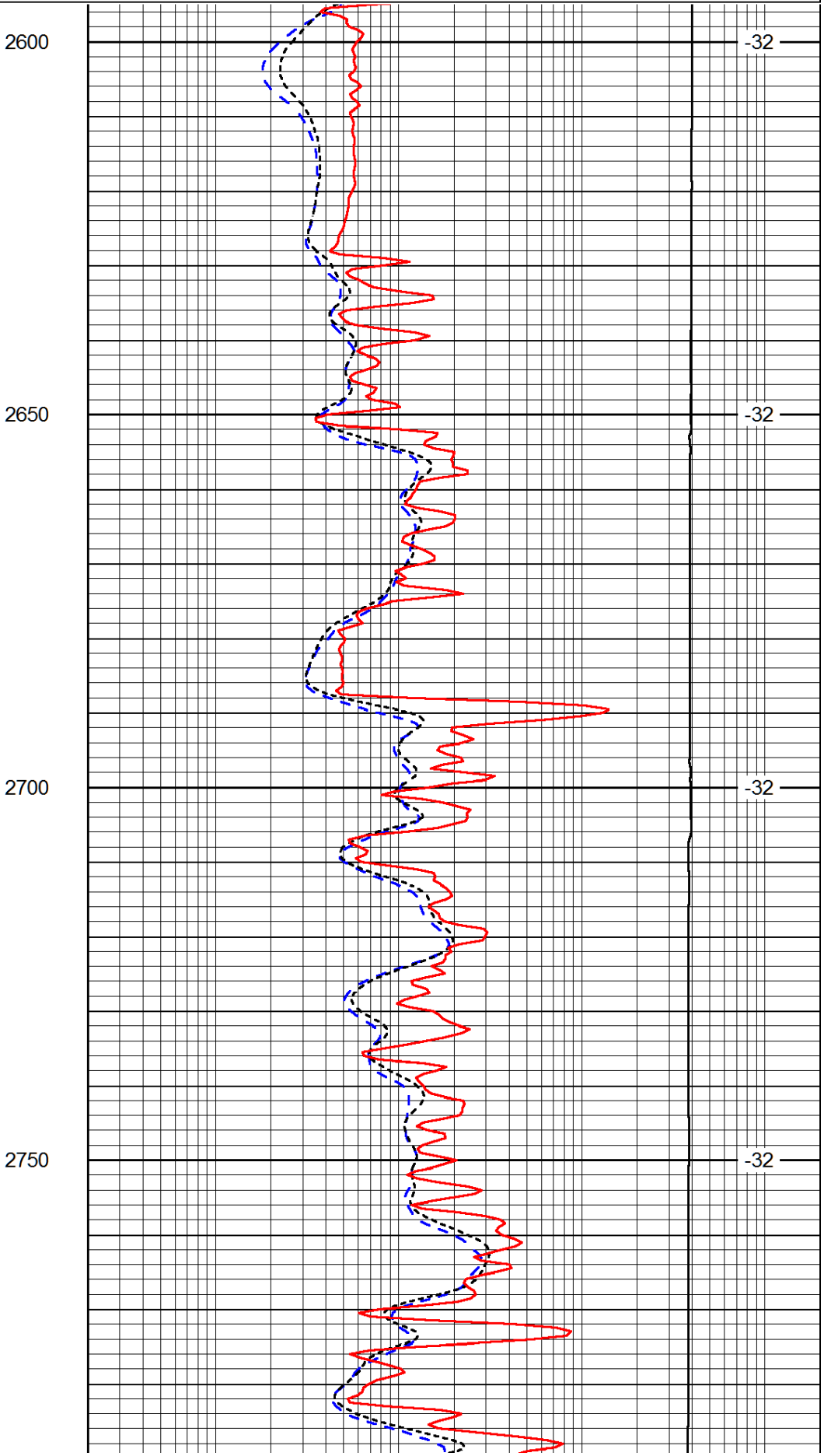
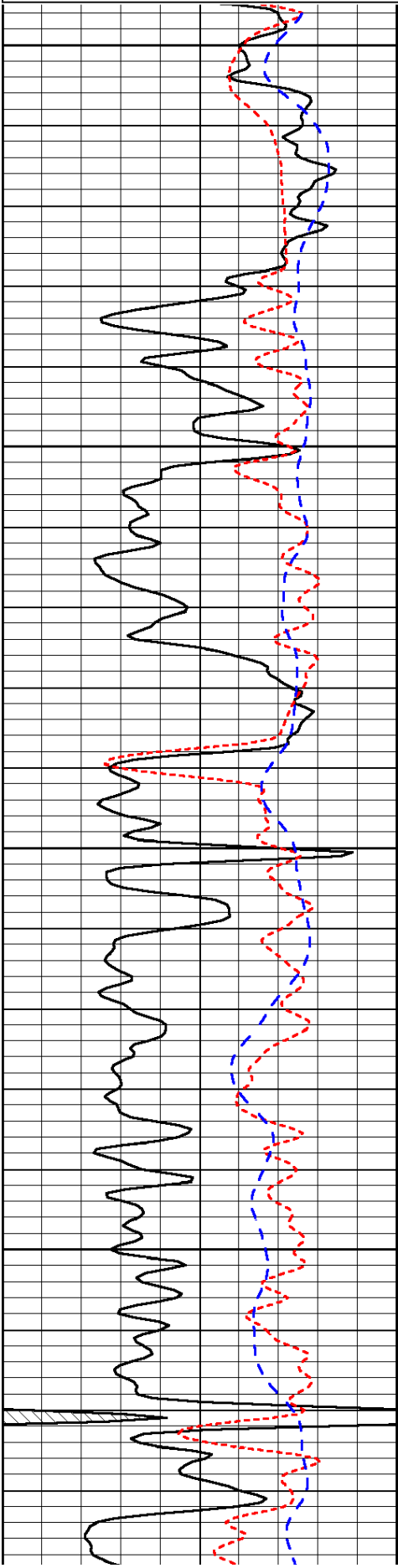
0	Gamma Ray (GAPI)	150
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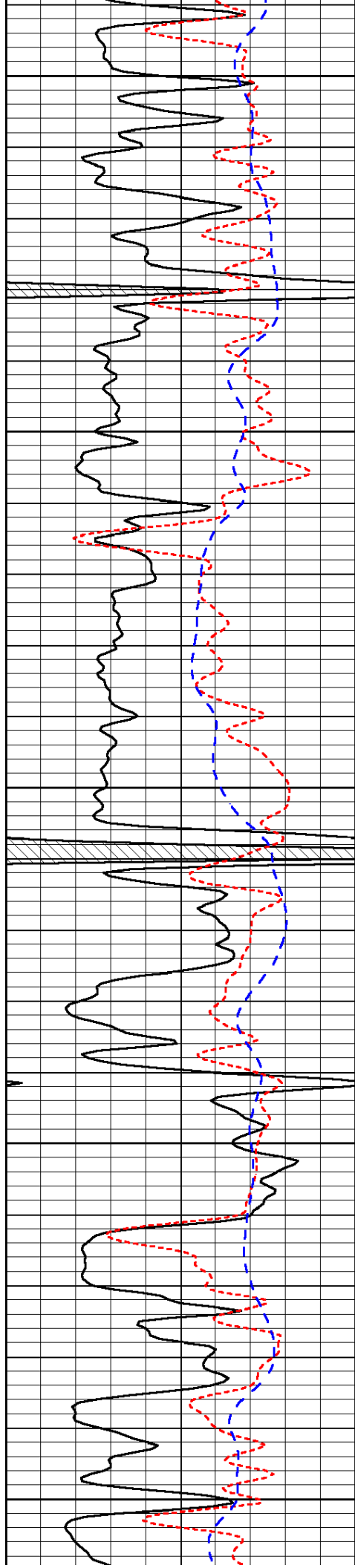
0.2	Deep Resistivity (Ohm-m)	2000
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-160	RXO/RT	40
-200	SP (mV)	0

0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD
(ft/min)





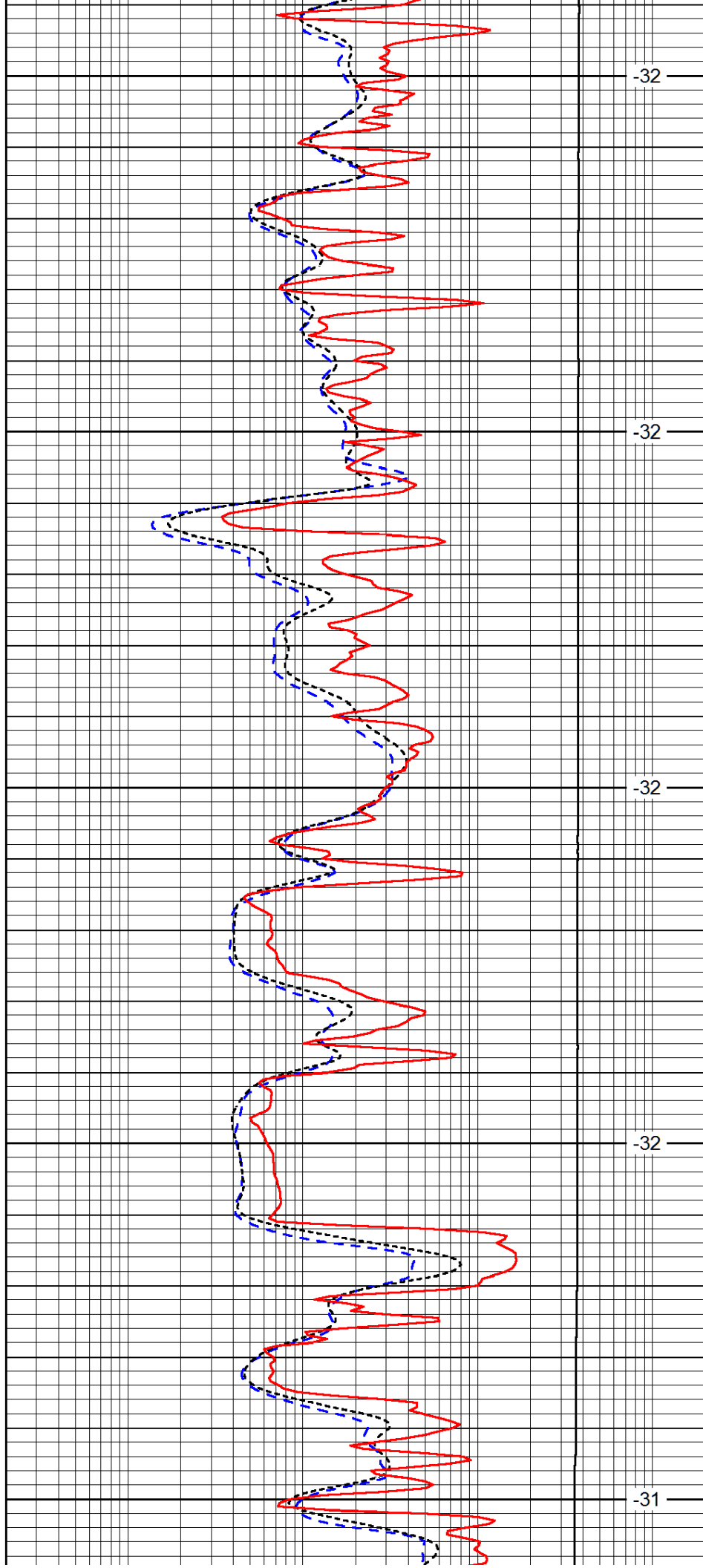
2800

2850

2900

2950

3000



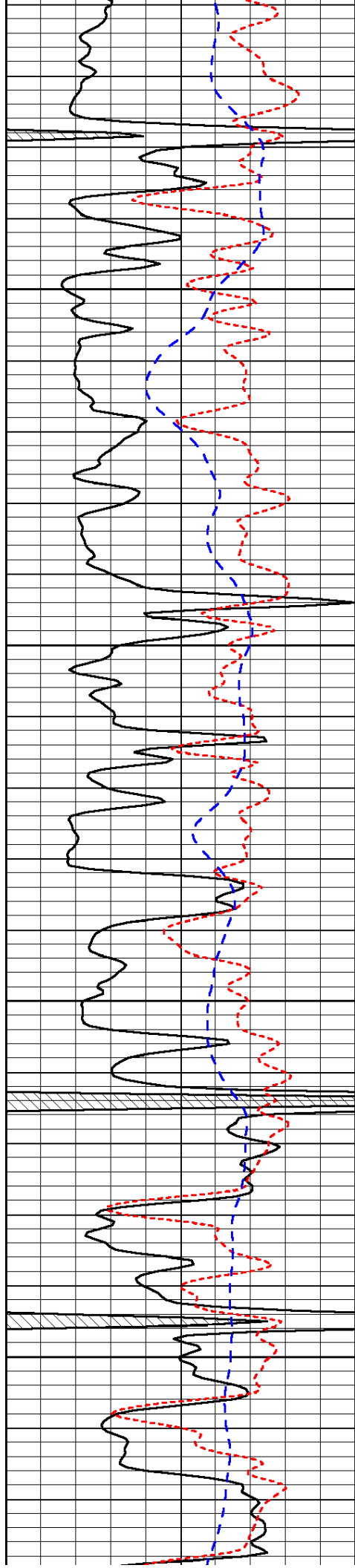
-32

-32

-32

-32

-31

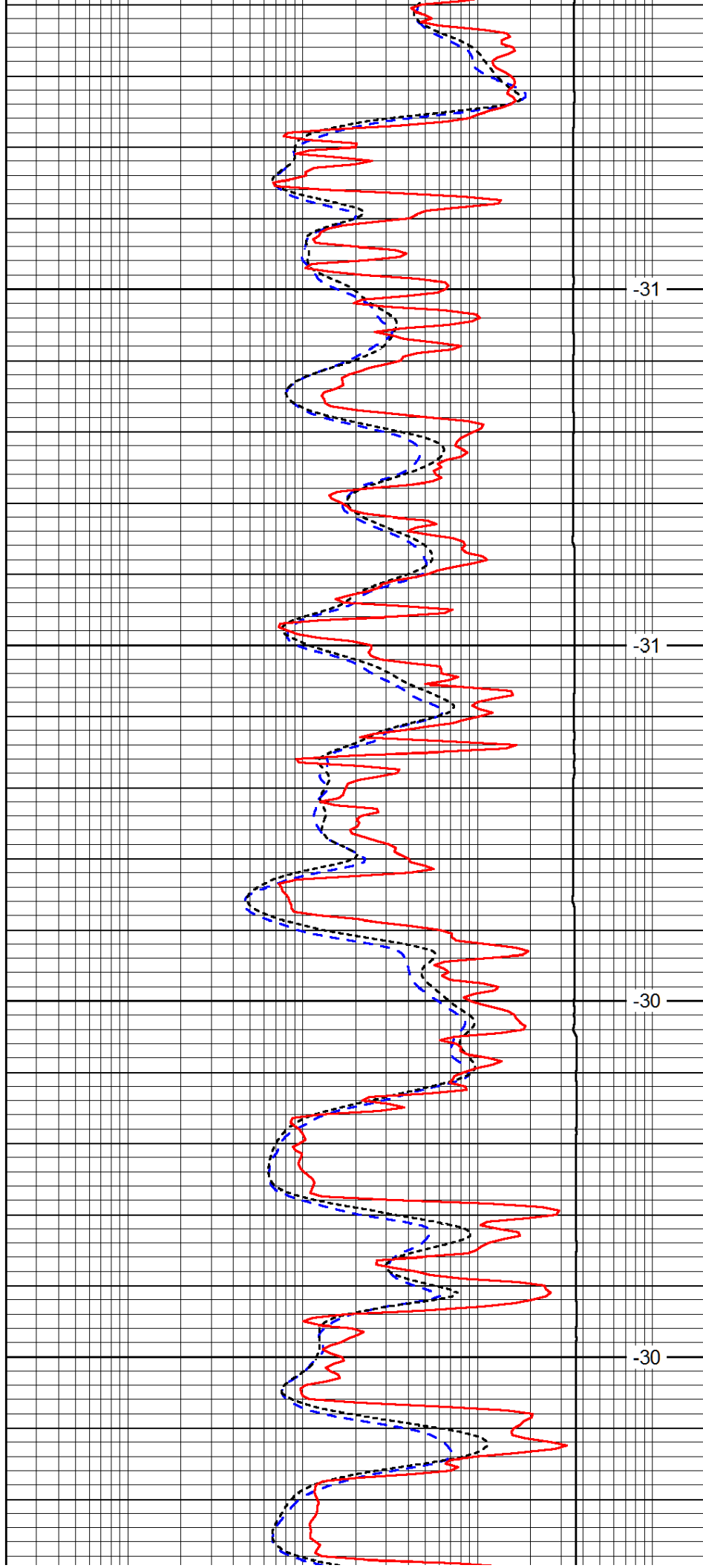


3050

3100

3150

3200

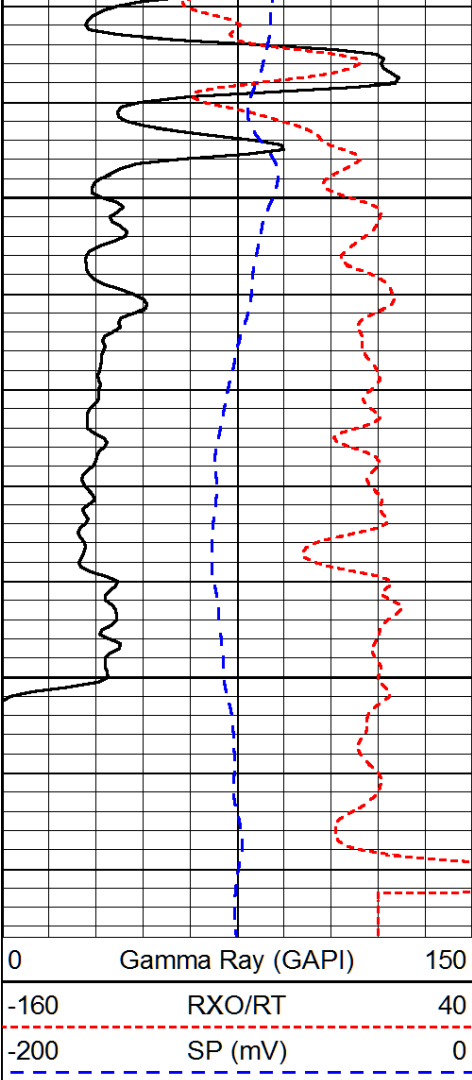


-31

-31

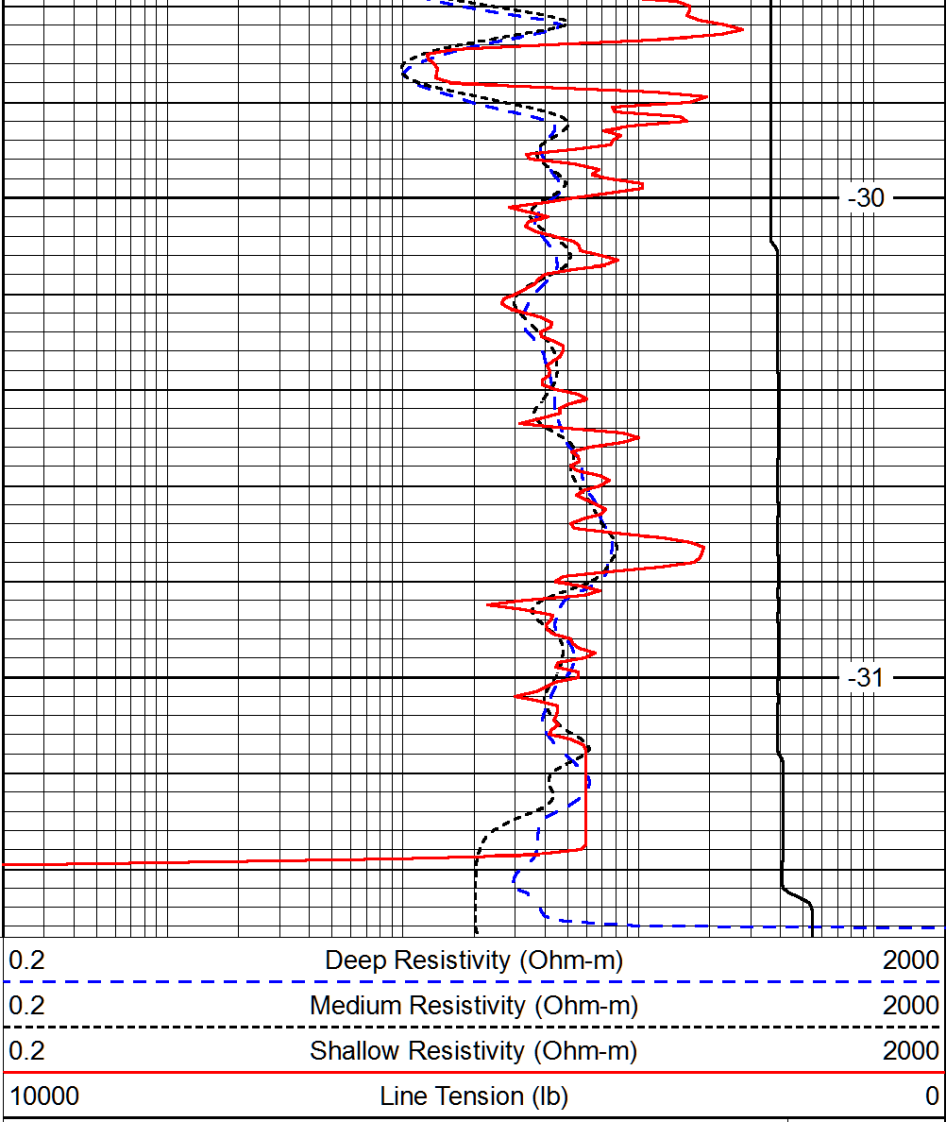
-30

-30



3250

3300



-30

-31

LSPD
(ft/min)