



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-159-22639-00-00

Company American Warrior, Inc.

Well Dale Beneke No. 1-13

Field Chase-Silica

County Rice State Kansas

Location 2283' FSL & 1950' FWL

Sec: 3 Twp: 19 S Rge: 10 W

Permanent Datum Ground Level Elevation 1743

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
MEL

Elevation
K.B. 1751
D.F. 1743
G.L. 1743

Date 3/6/2011

Run Number One

Depth Driller 3400

Depth Logger 3401

Bottom Logged Interval 3400

Top Log Interval 300

Casing Driller 8.625 @ 314

Casing Logger 308

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 12.500

Density / Viscosity 9.1 52

pH / Fluid Loss 10.0 11.8

Source of Sample Flowline

Rm @ Meas. Temp 0.70 @ 60

Rmf @ Meas. Temp 0.53 @ 60

Rmc @ Meas. Temp 0.95 @ 60

Source of Rmf / Rmc Charts

Rm @ BHT 0.38 @ 110

Operating Rig Time 4 Hours

Max Rec. Temp. F 110

Equipment Number 15

Location Hays

Recorded By B. Becker

Witnessed By Josh Austin

Comments

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

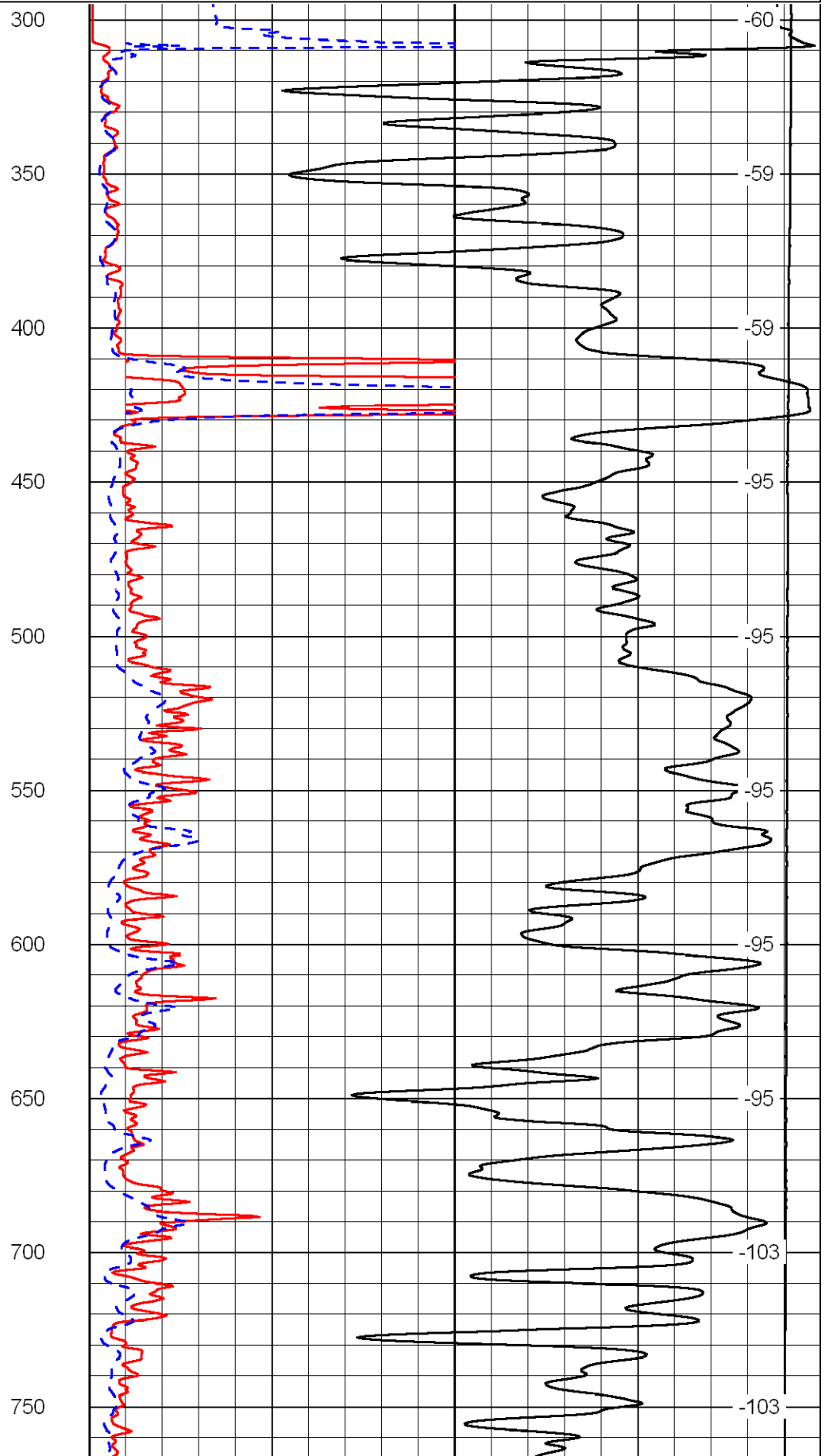
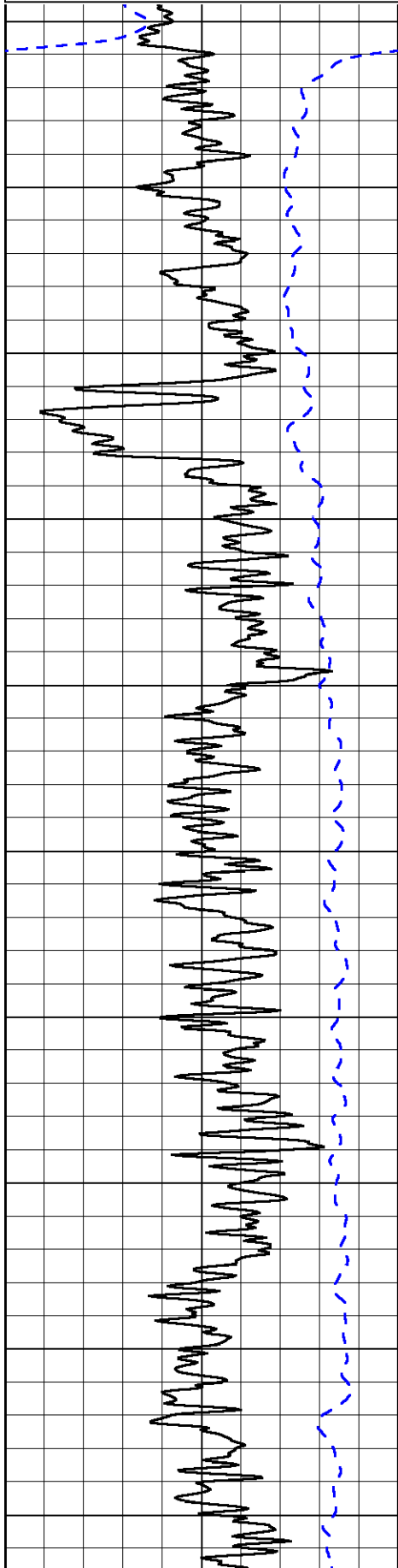
Chase, Ks;
1 West; 3-1/2 North;
West Into

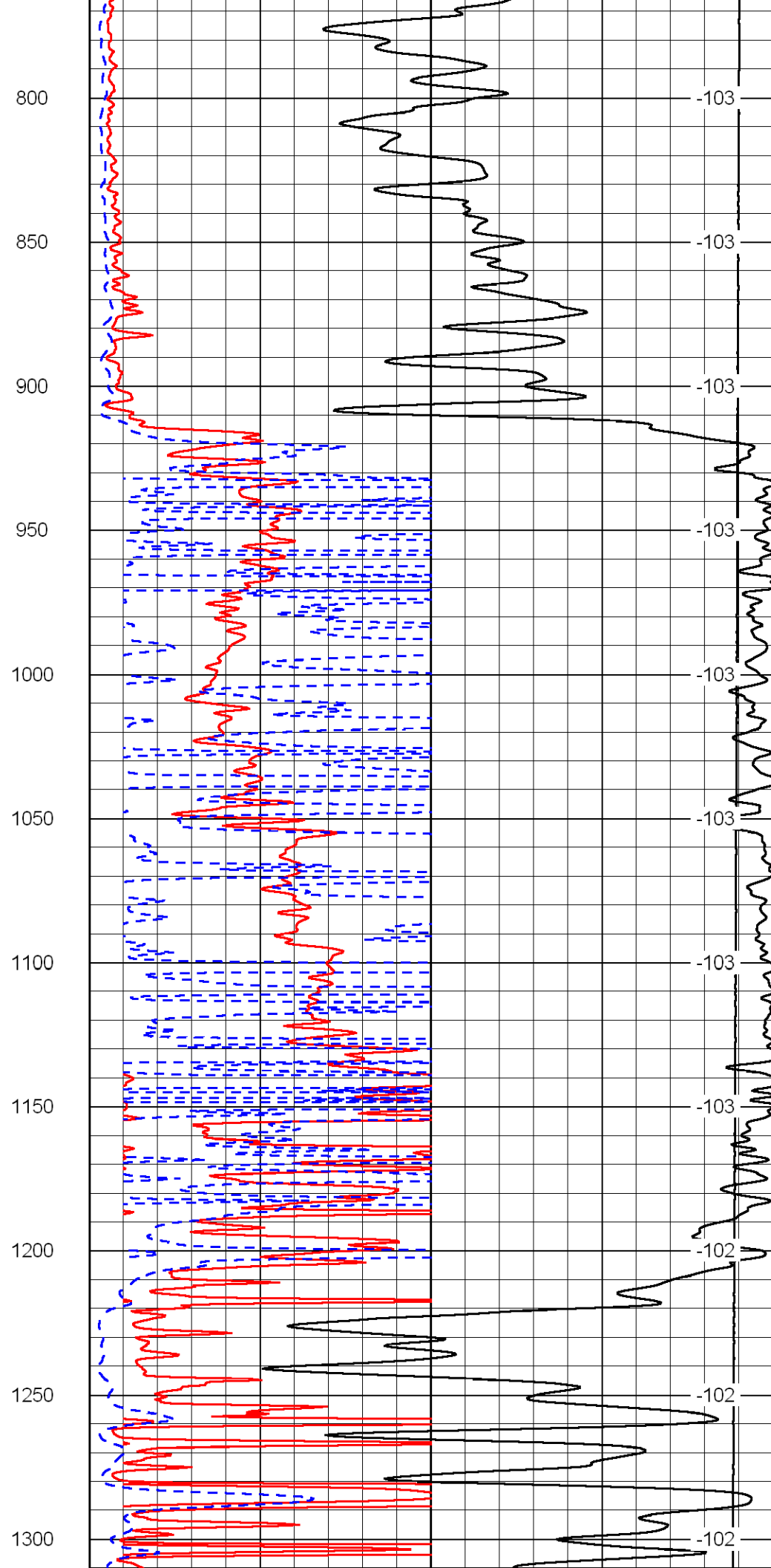
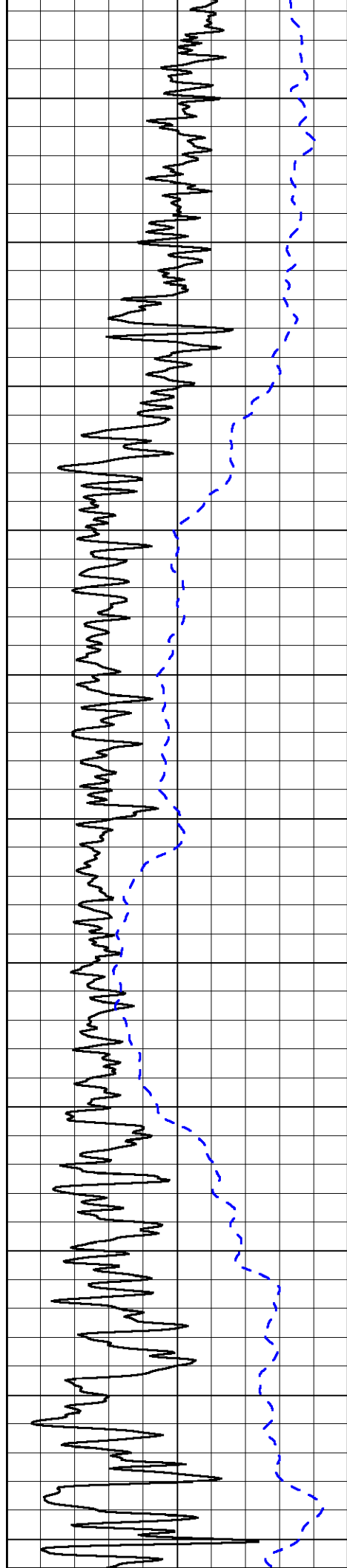
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Charted by: Depth in Feet scaled 1:600

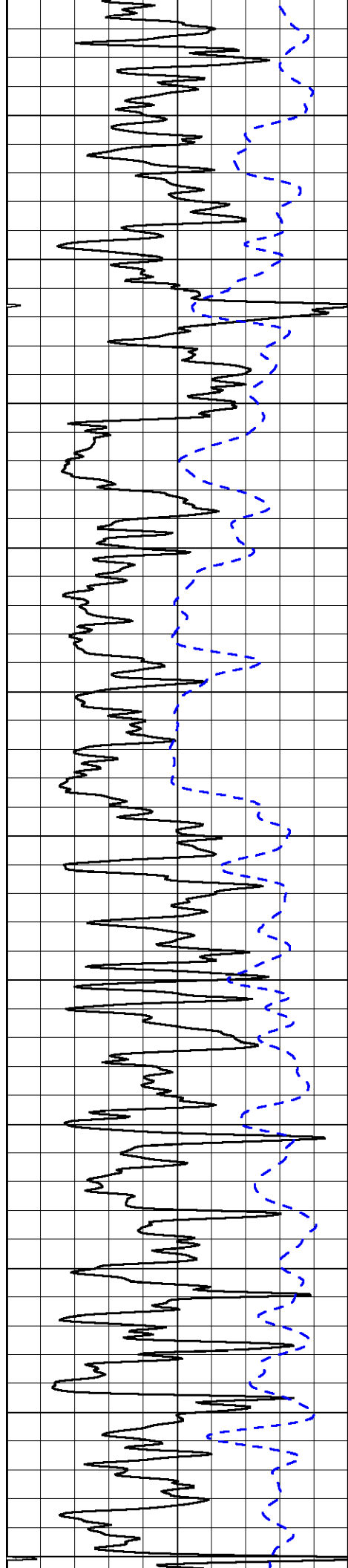
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0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

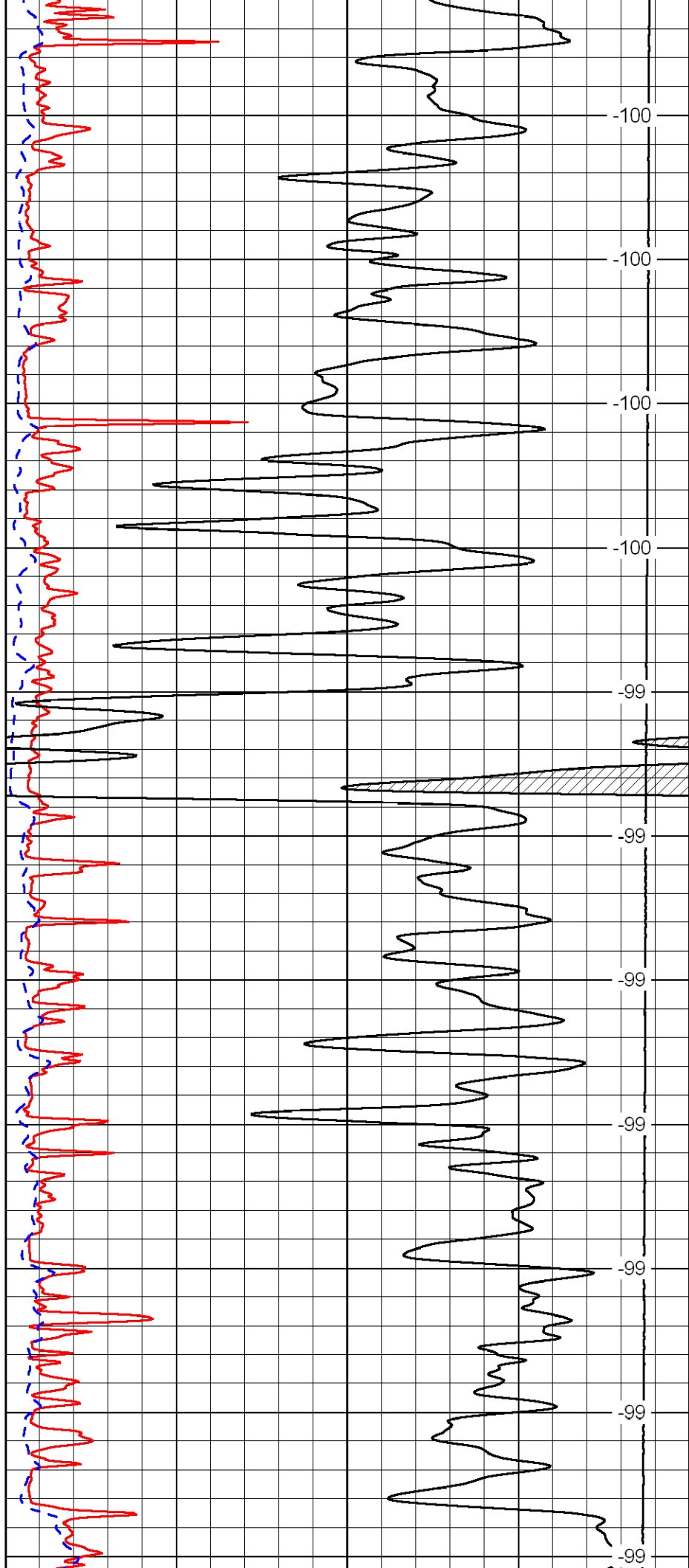
LSPD

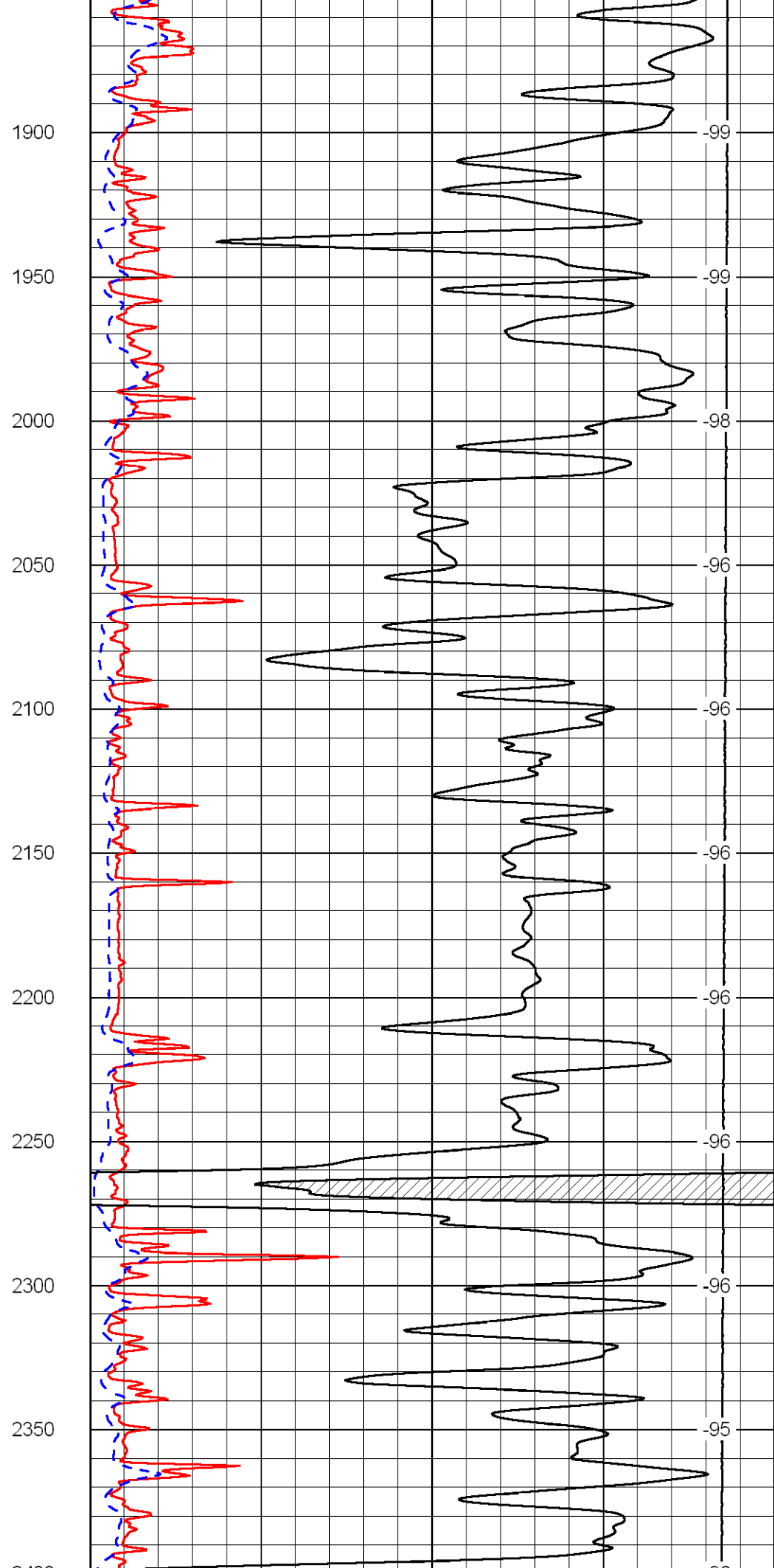
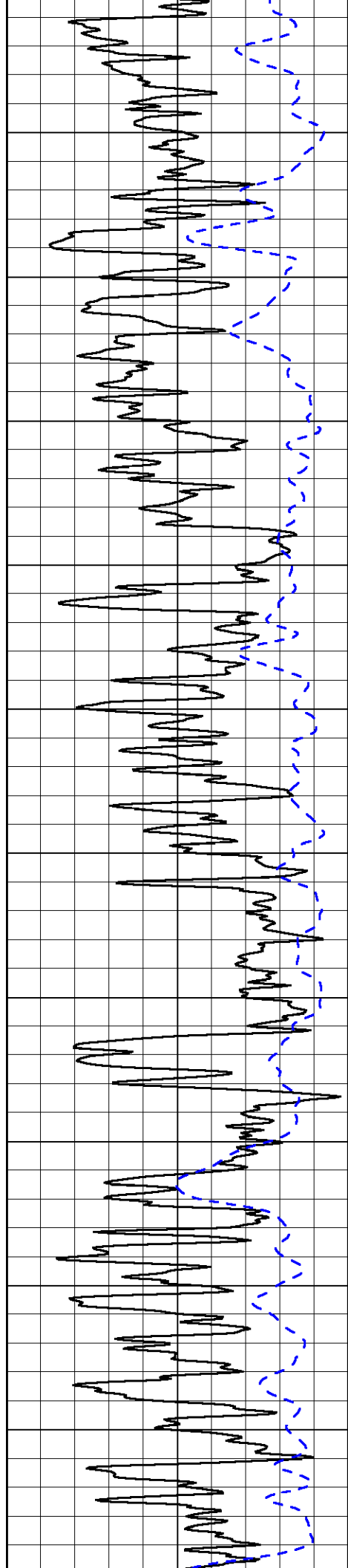


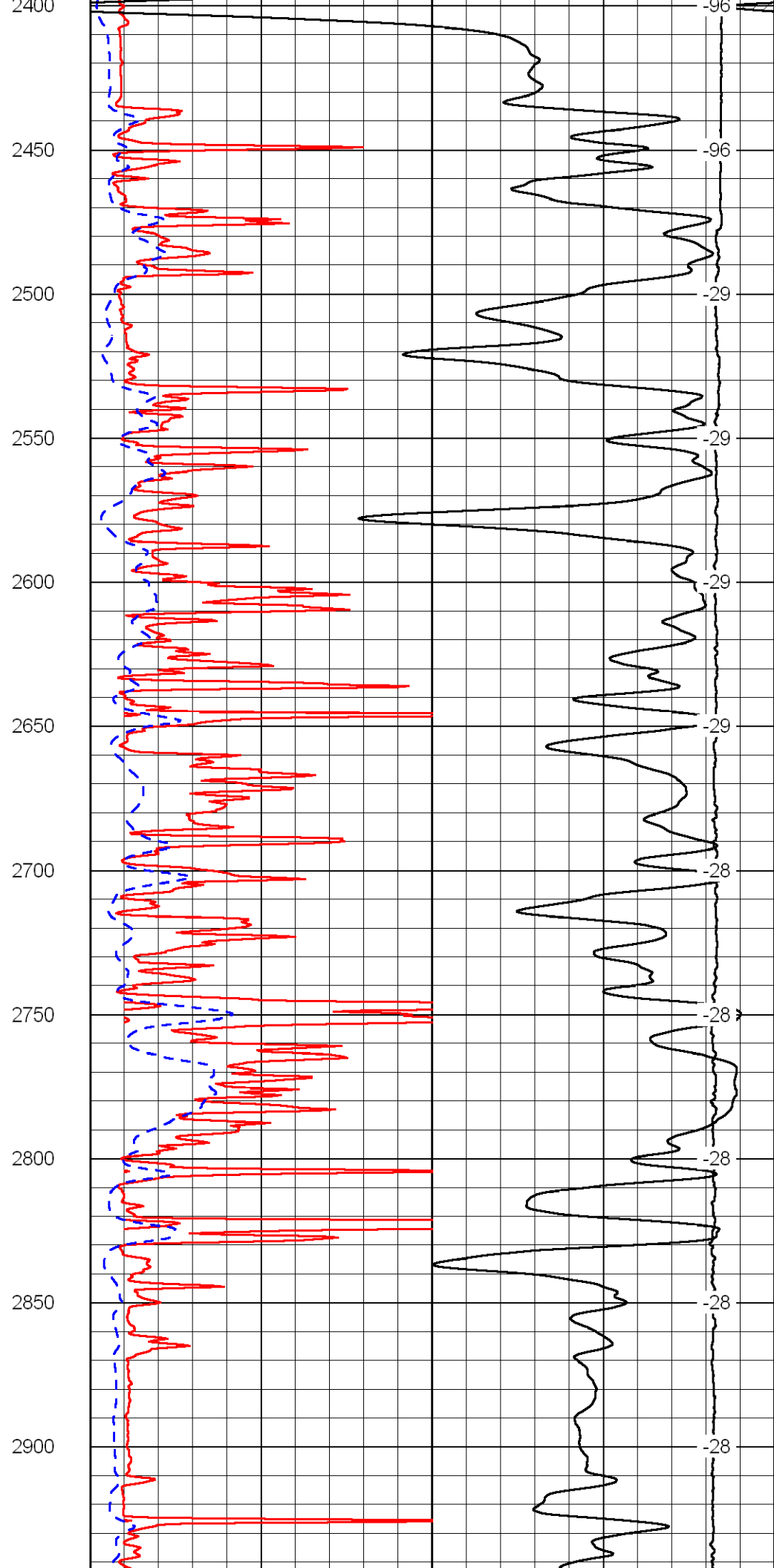
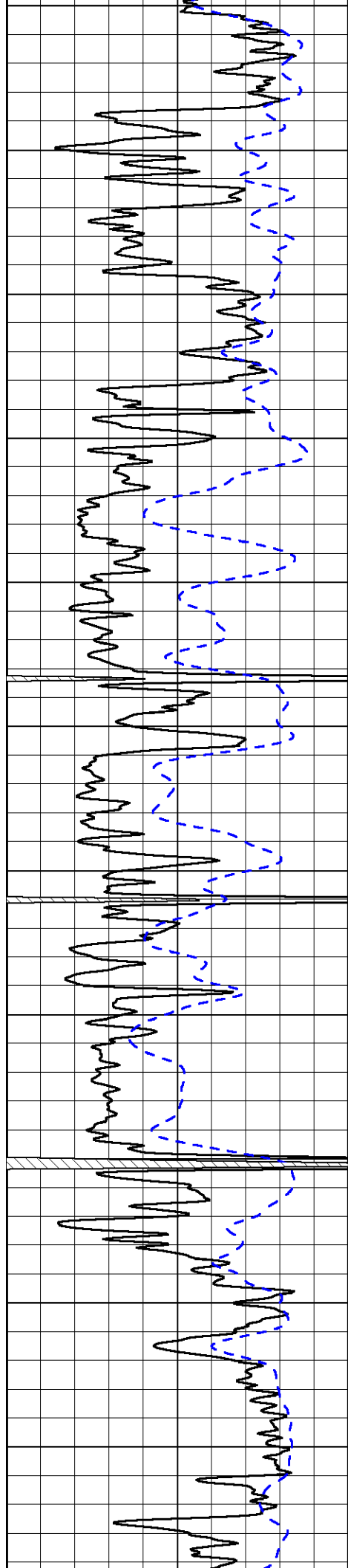


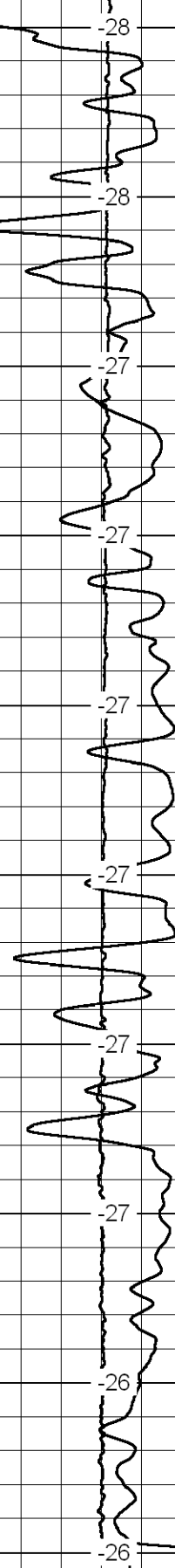
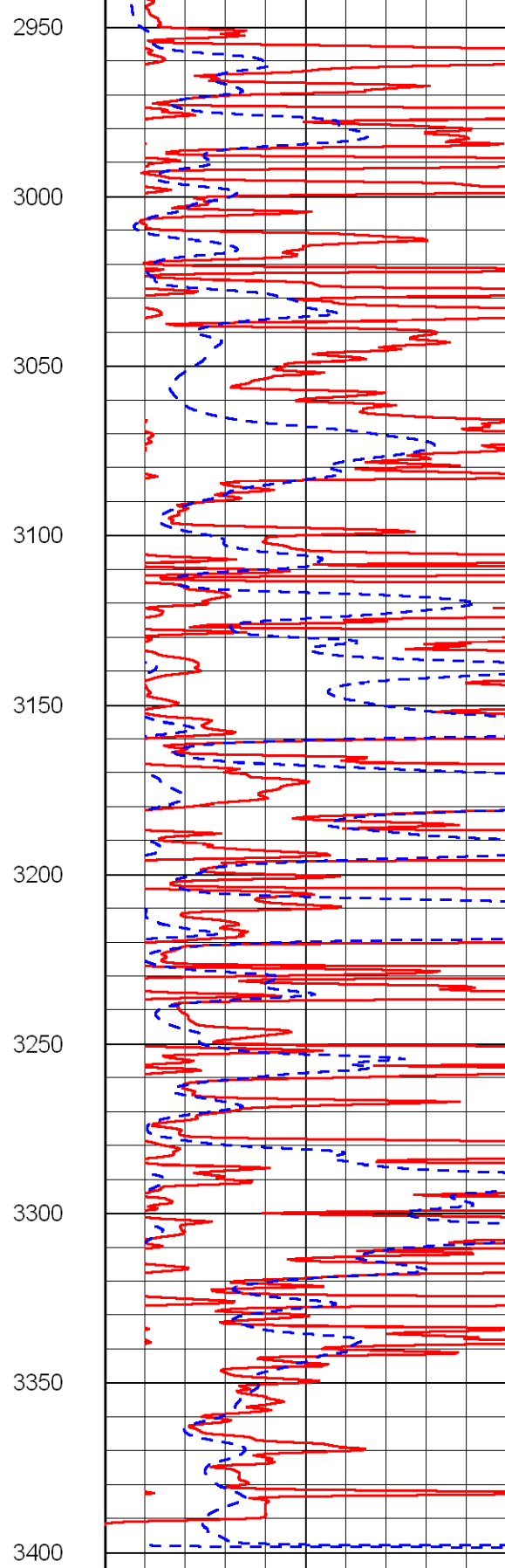
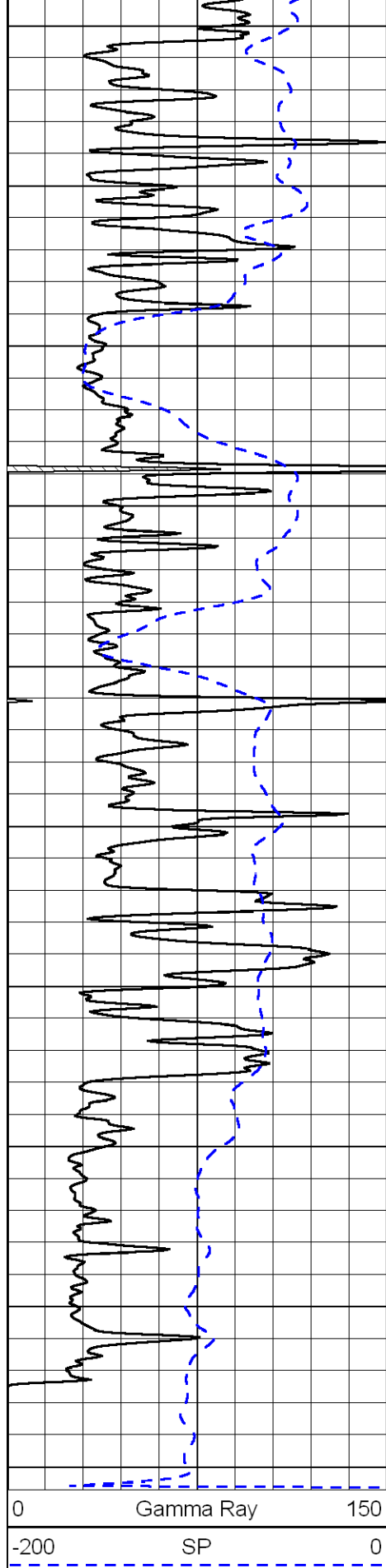


1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850









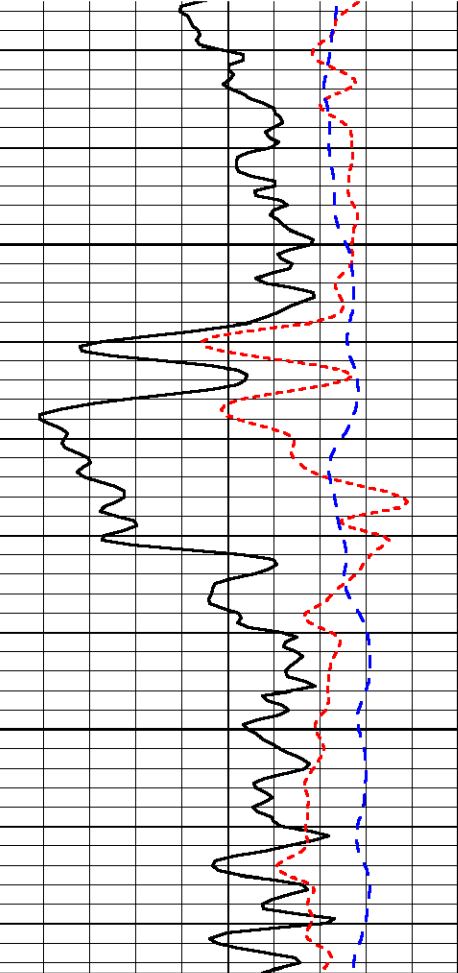
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-200	SP	0
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

Database File: amwarhd.db
Dataset Pathname: DIL/@00000e60
Presentation Format: dil
Dataset Creation: Sun Mar 06 22:52:26 2011
Charted by: Depth in Feet scaled 1:240

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-160	RXO/RT	40
-200	SP	0

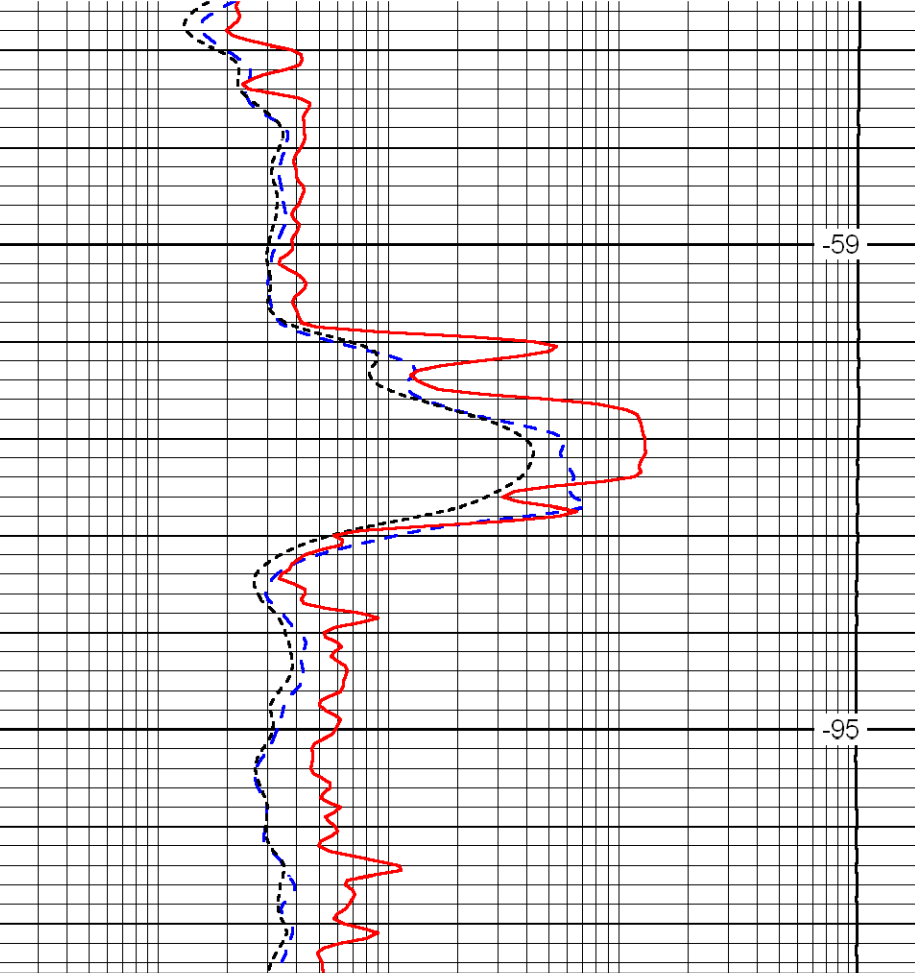
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD



400

450



-59

-95

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

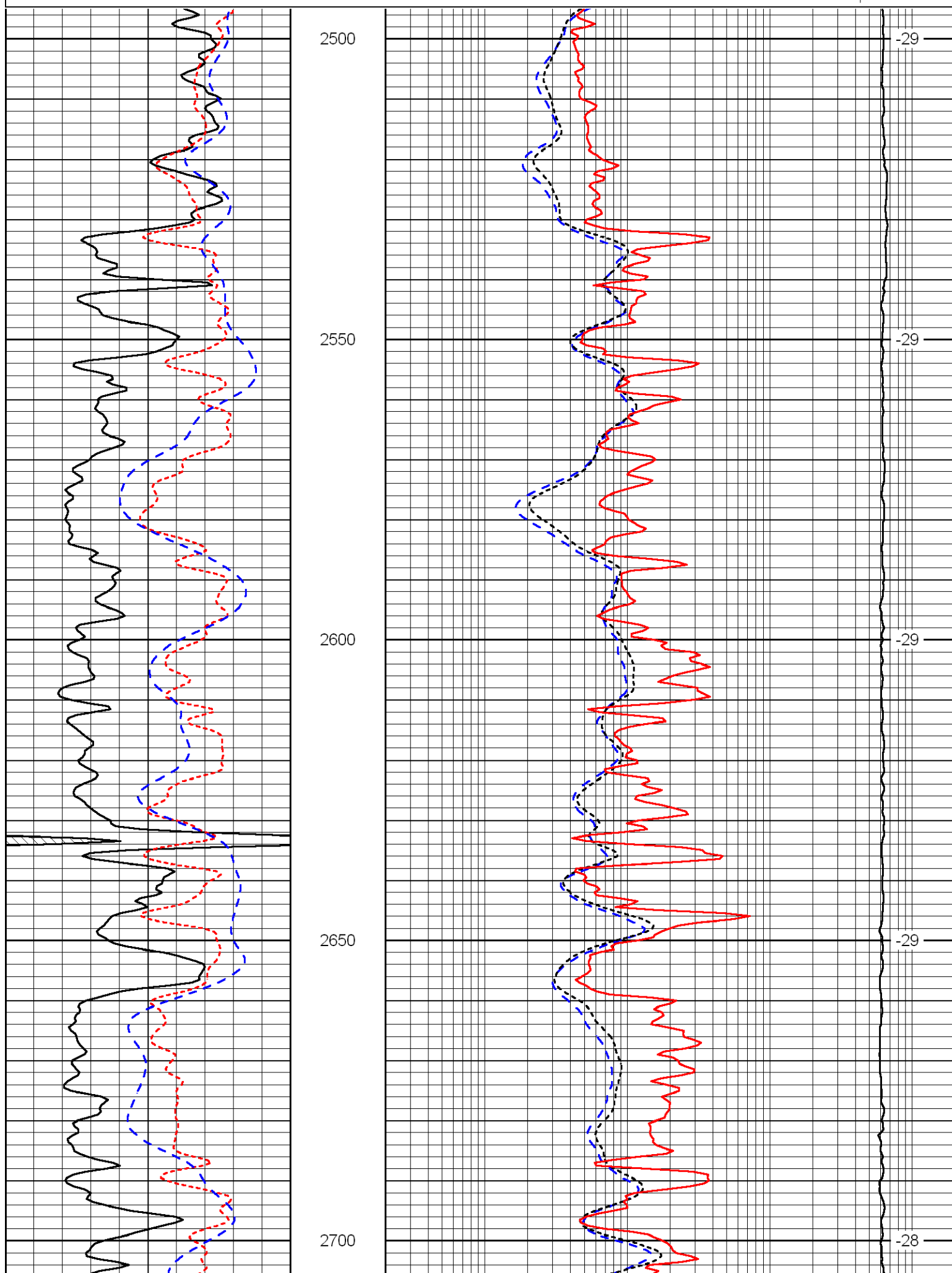
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

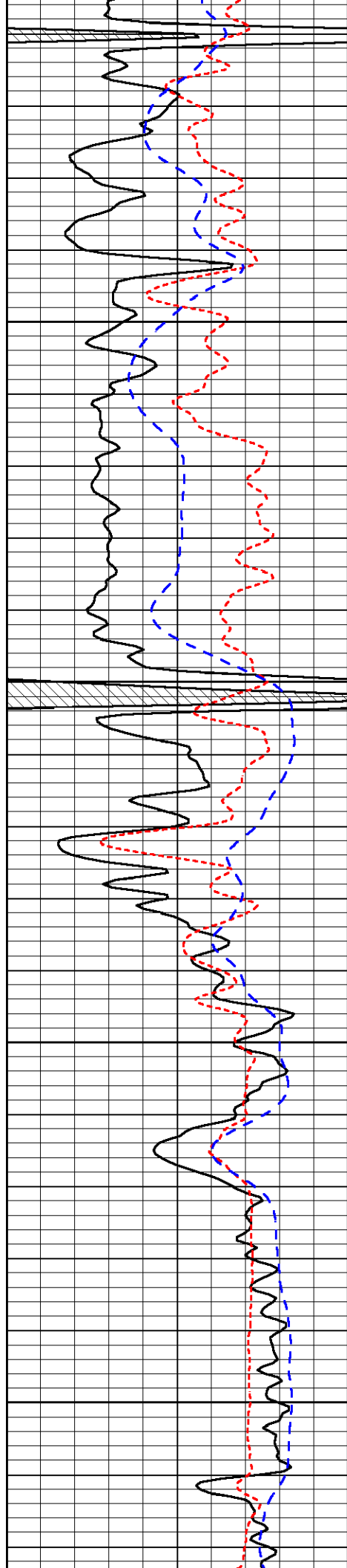
LSPD

Database File: amwarhd.db
Dataset Pathname: DIL/@00000e60
Presentation Format: dil
Dataset Creation: Sun Mar 06 22:52:26 2011
Charted by: Depth in Feet scaled 1:240

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

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



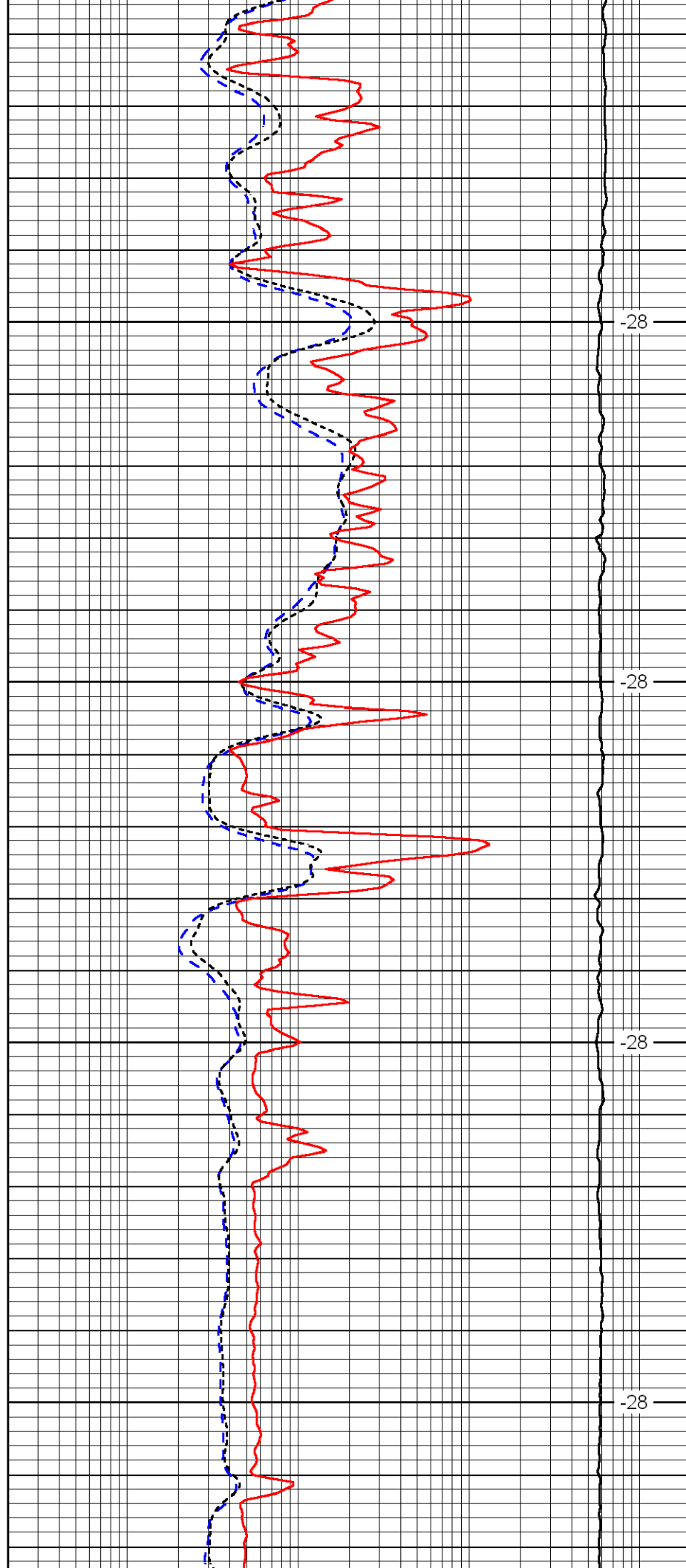


2750

2800

2850

2900

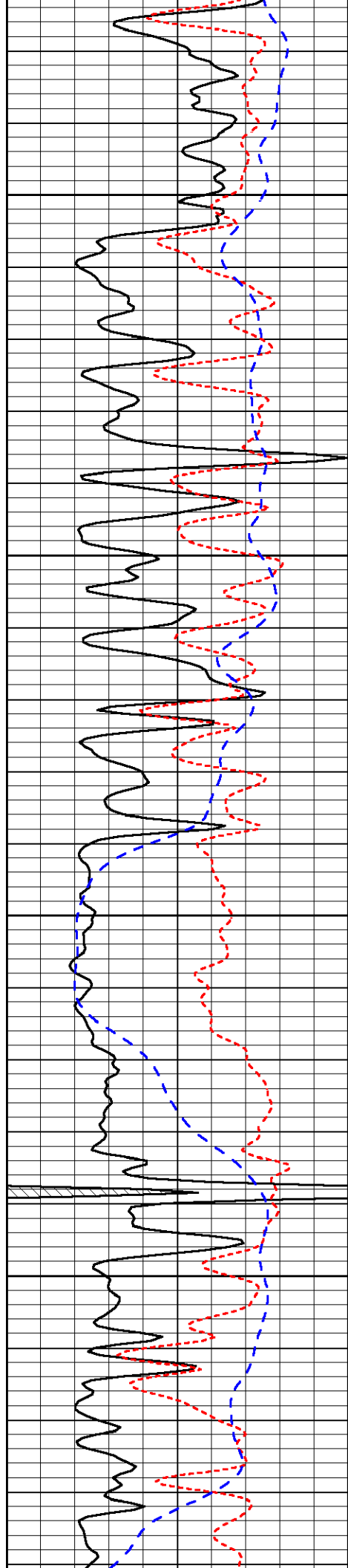


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-28

-28

-28

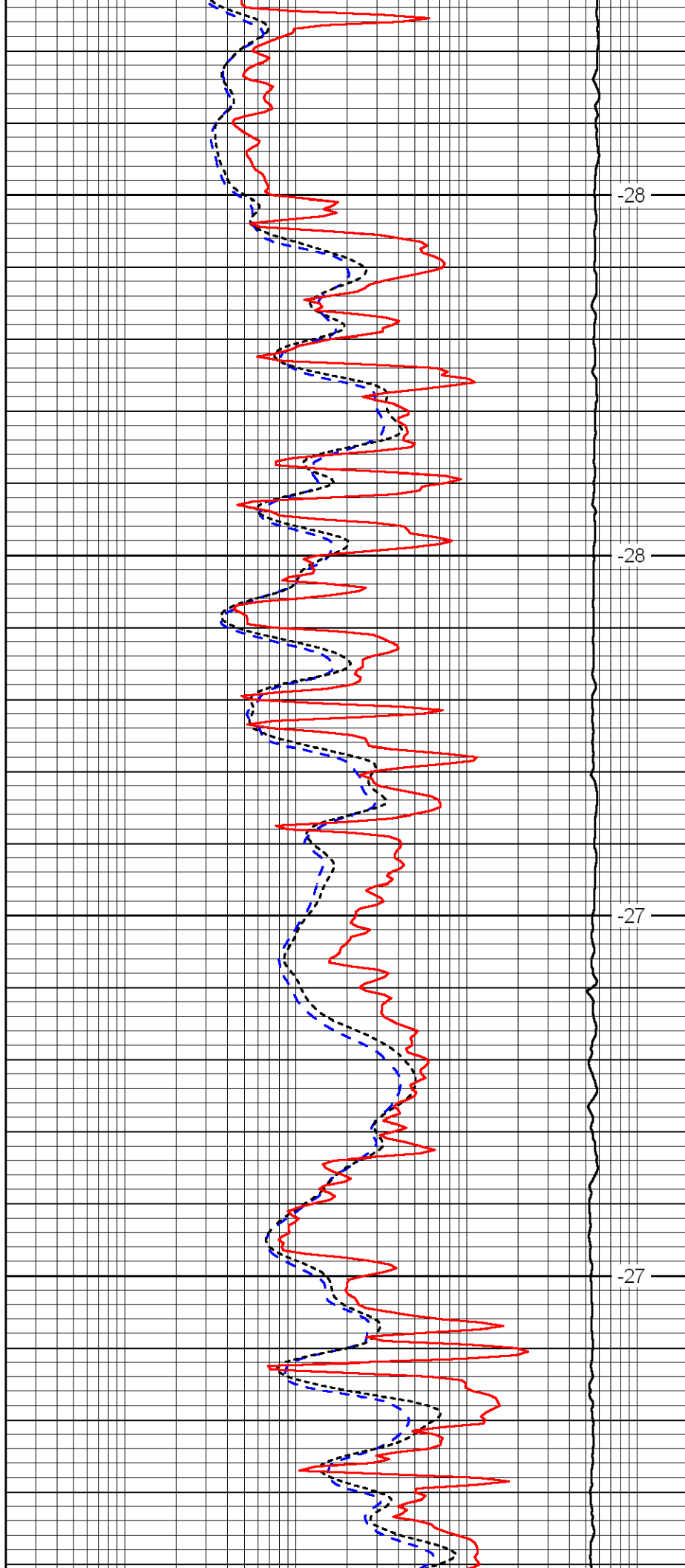


2950

3000

3050

3100

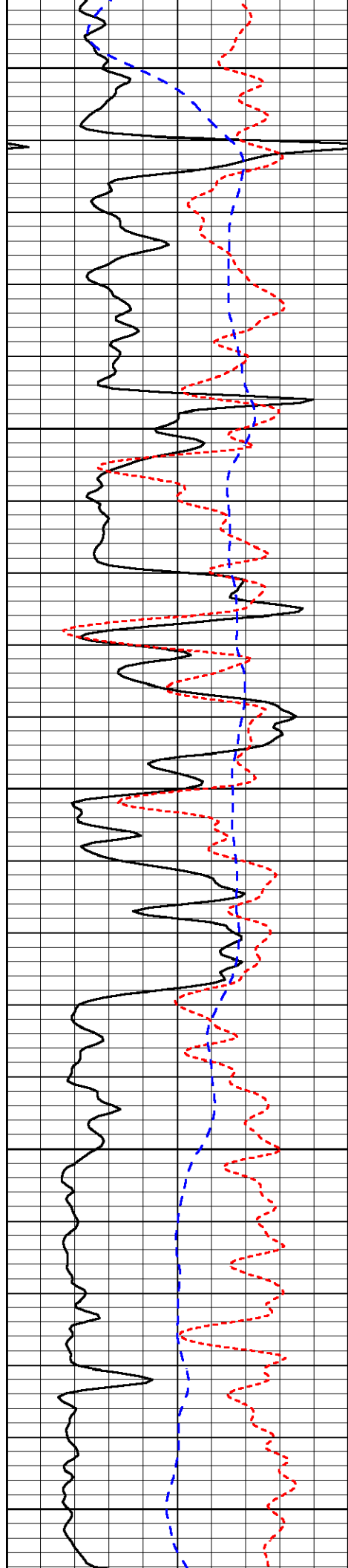


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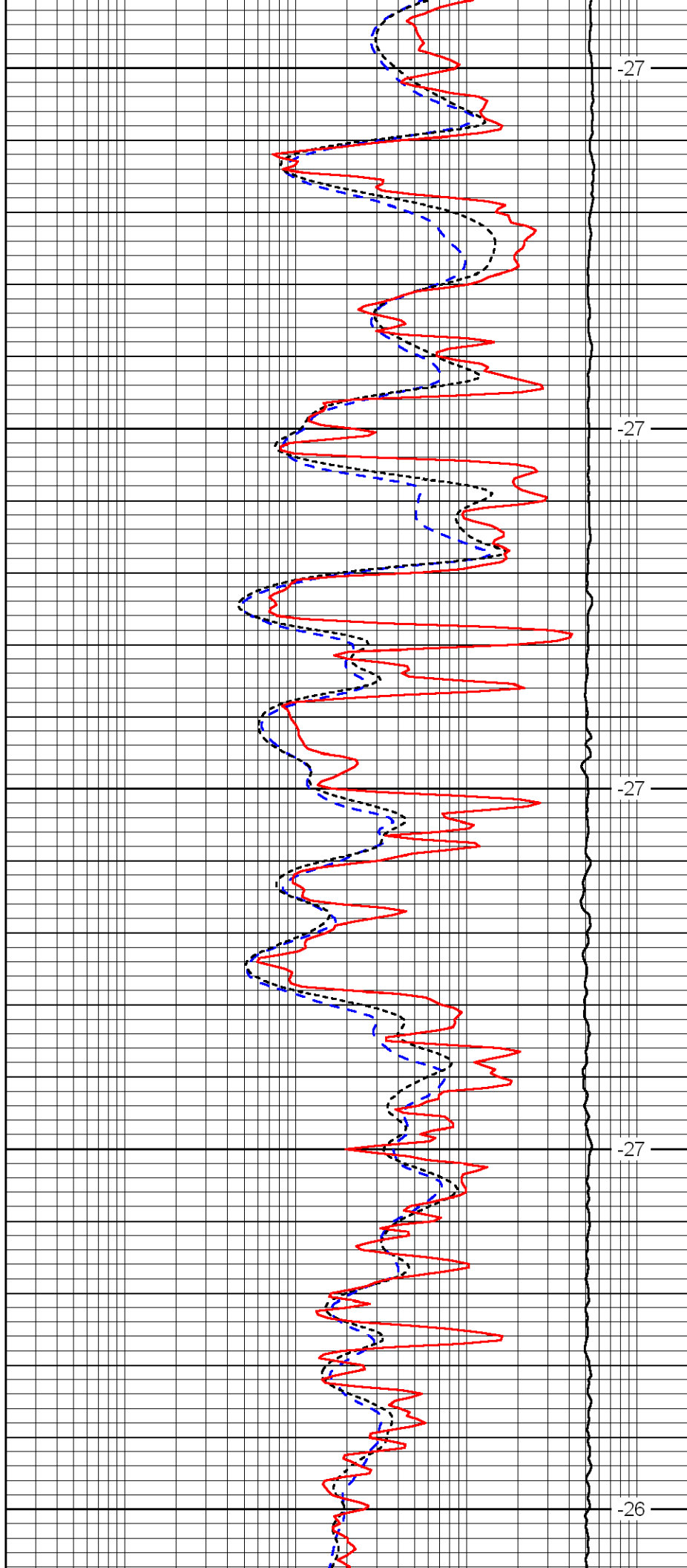
3150

3200

3250

3300

3350



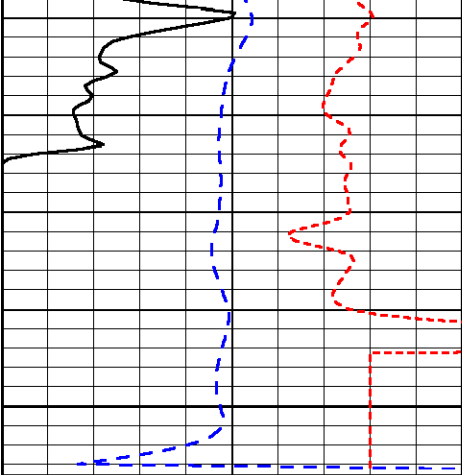
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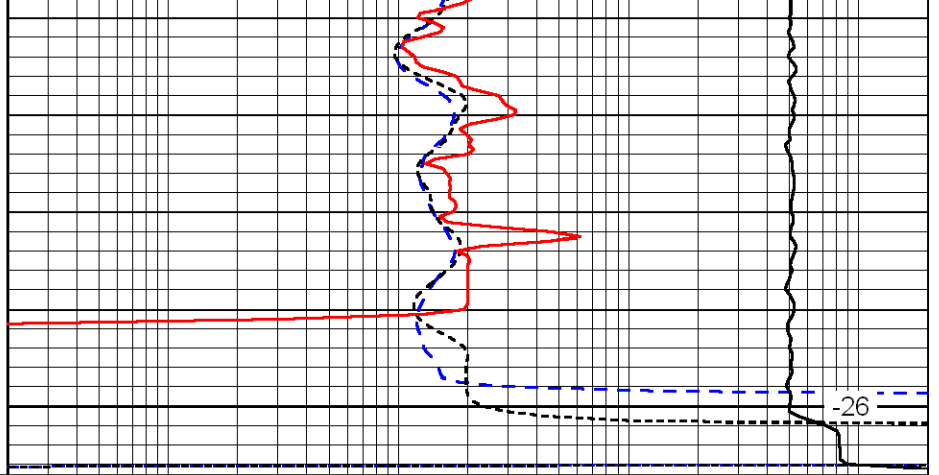
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-26



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

3400



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

LSPD