



Dual Induction Log

APL No.

15-065-24,020-00-00

Company **Culbreath Oil & Gas Company, Inc.**

Well Toll #1-9

Field

County Graham State Kansas

[illegible]

Sec: 9	Twp: 8S	Rge: 25W
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Ground Level	Elevation 2406
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from Kelly Bushing

10 Ft. Above Perm. Datum

Elevation

K.B. 2416

G.L. 2406

4/6/2014

Or

39

39

39

25
26
$$\frac{27}{29}$$
$$\frac{78}{27}$$
1.0
Cher

18

→	→
---	---

7	
---	--

Flow

50

10

28 ©

Ch

89

5 Hc

5	1
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1	1
---	---

J. L.

Level 1

Comments

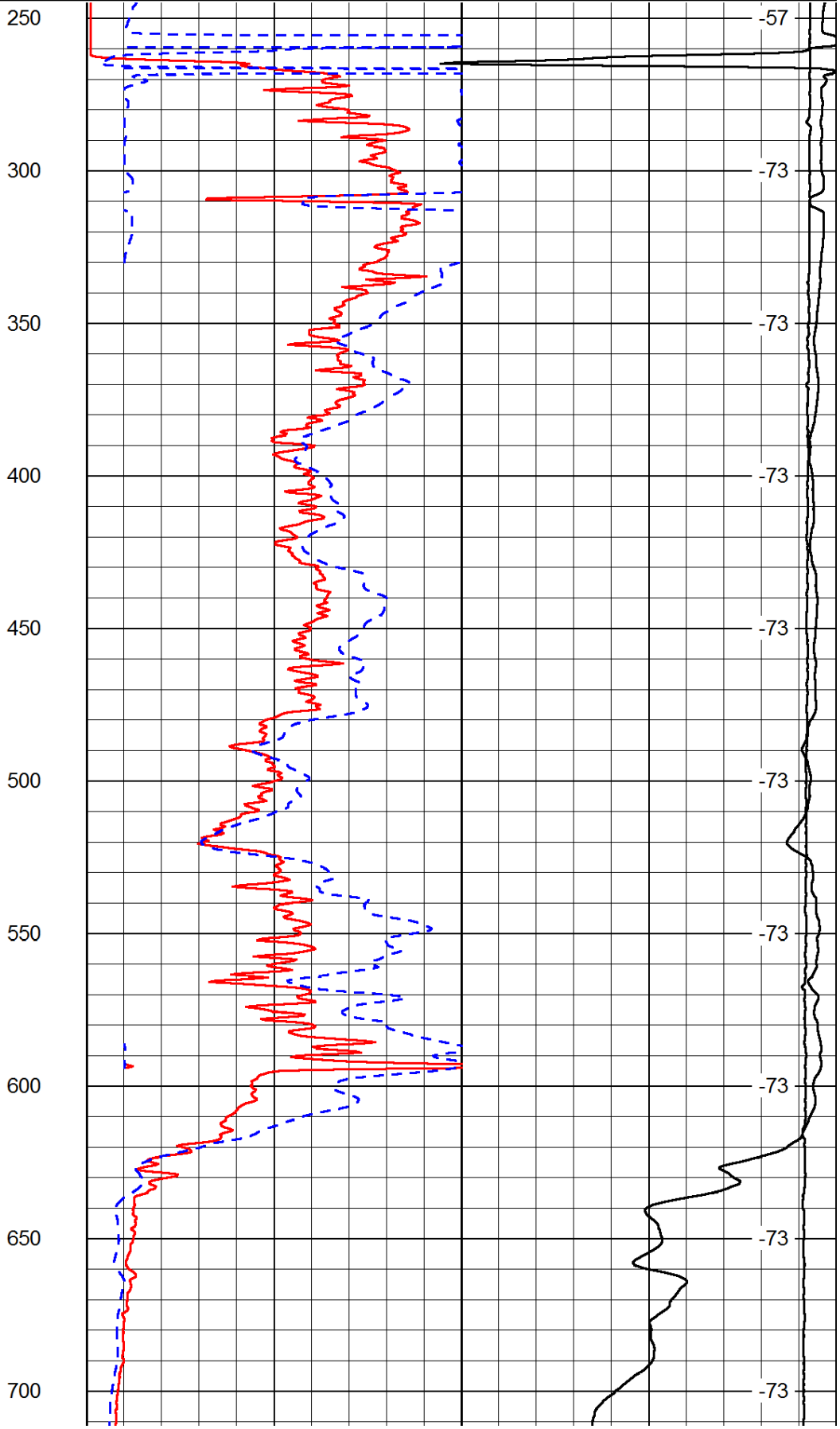
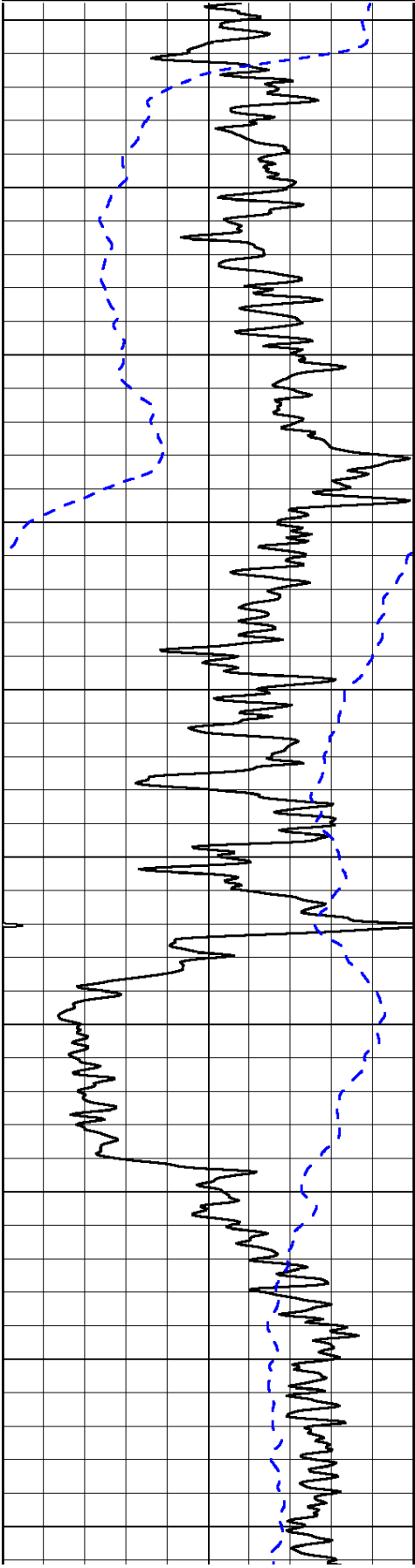
Thank you for using Pioneer Energy Services
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785 625 3858

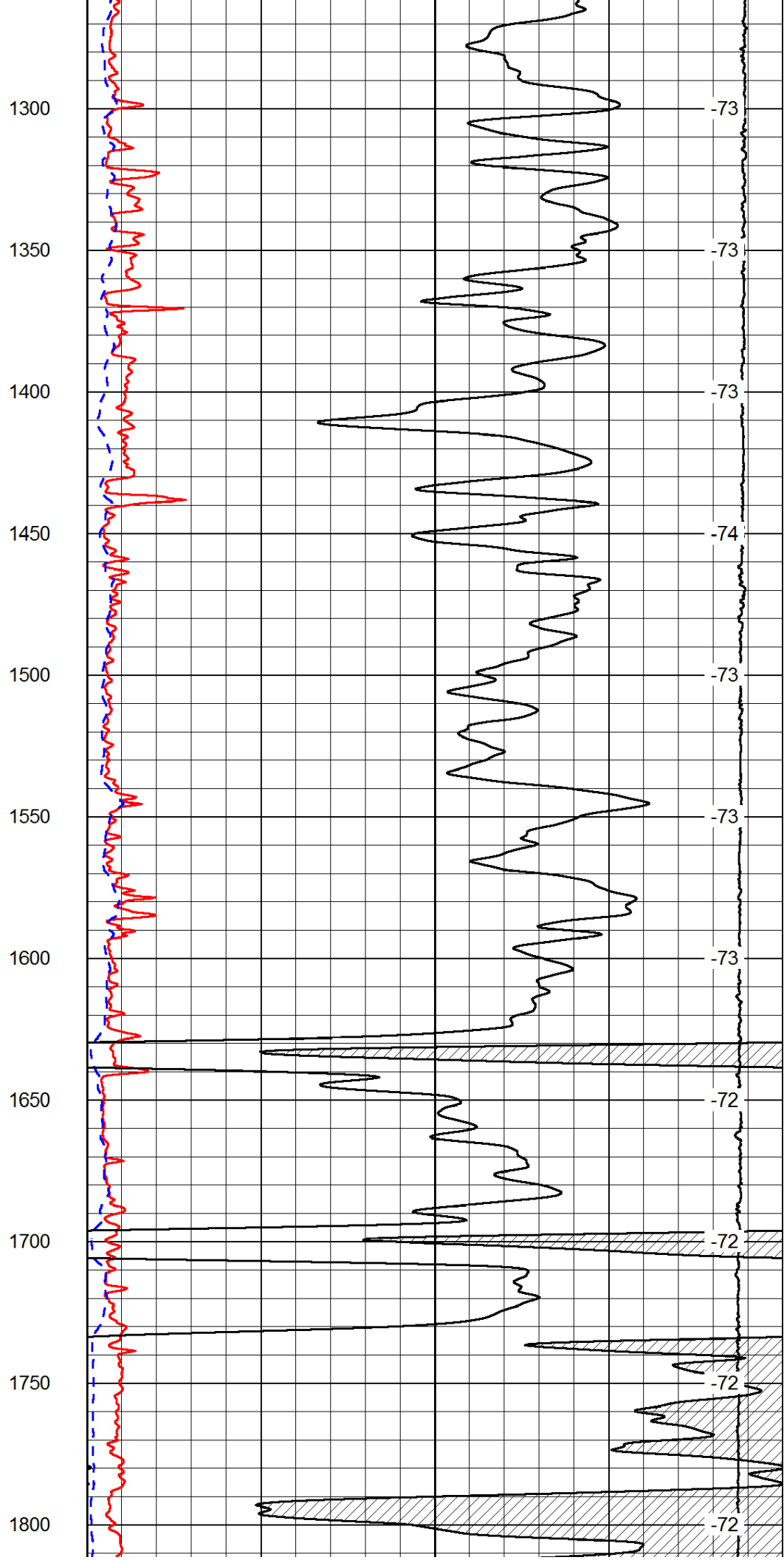
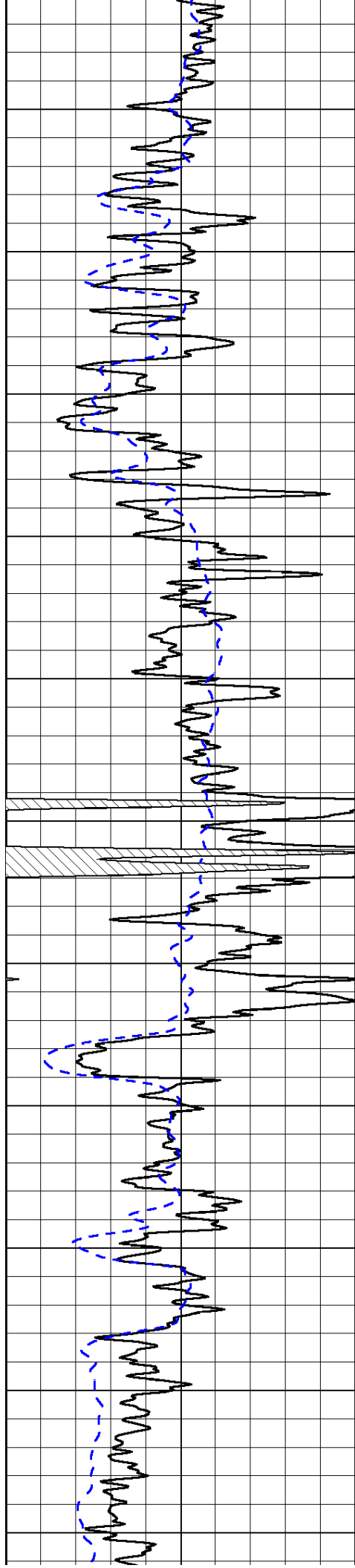
Hill City, 14 West (Antelope Lake Road), 1/2 North, 100 Yards West,
West & South Into

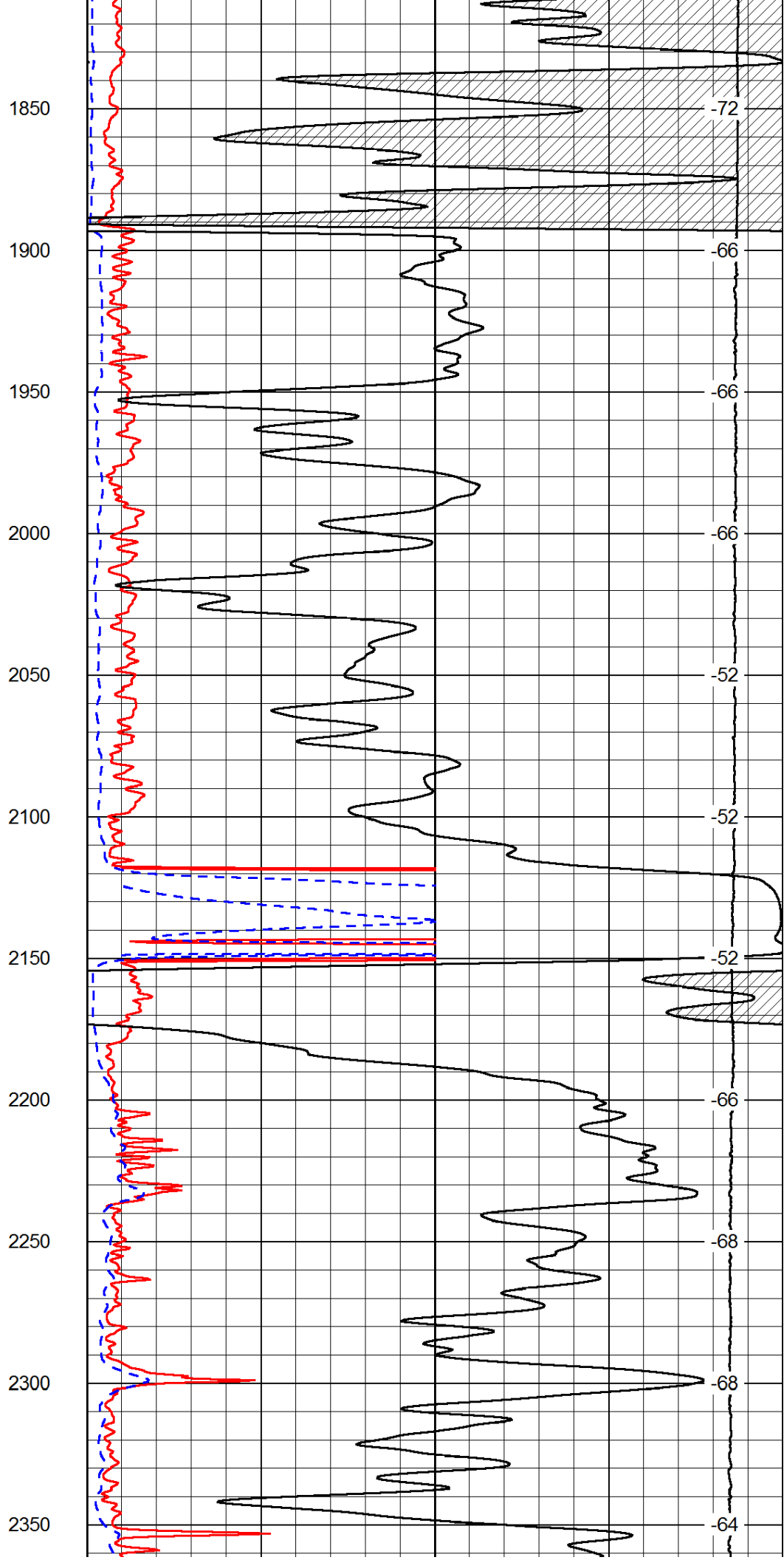
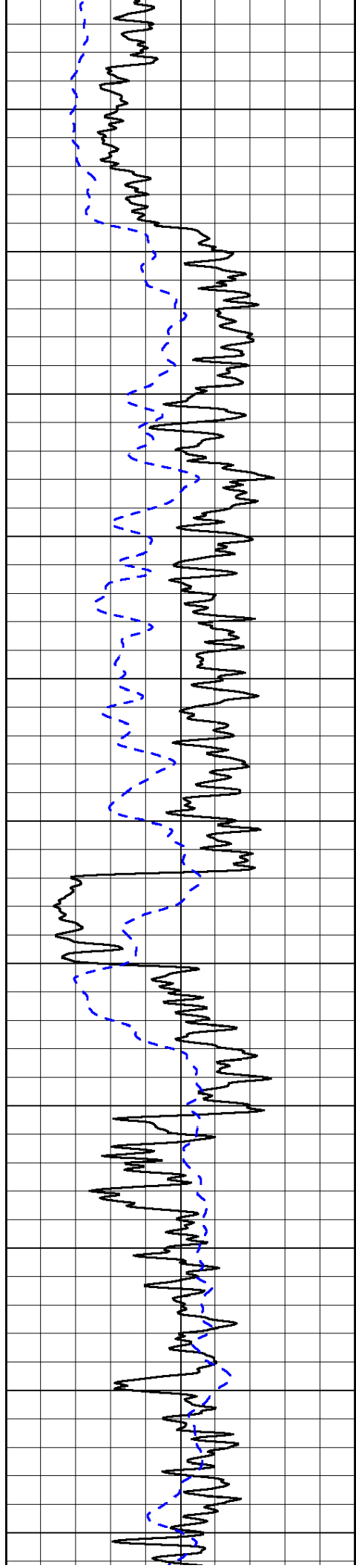
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Dataset Pathname: dil\culstck
Presentation Format: dil2in
Dataset Creation: Sun Apr 06 04:42:02 2014
Charted by: Depth in Feet scaled 1:600

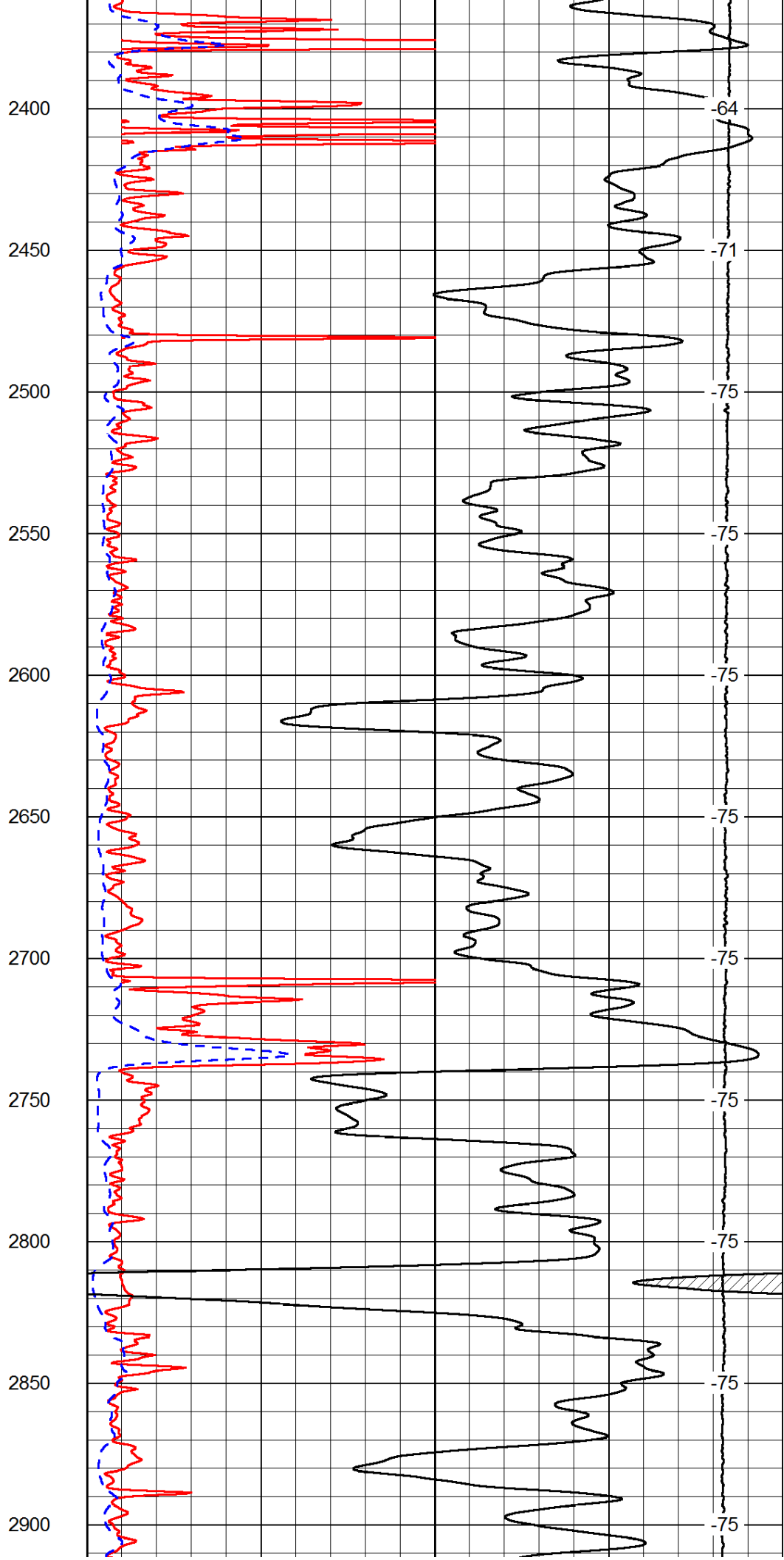
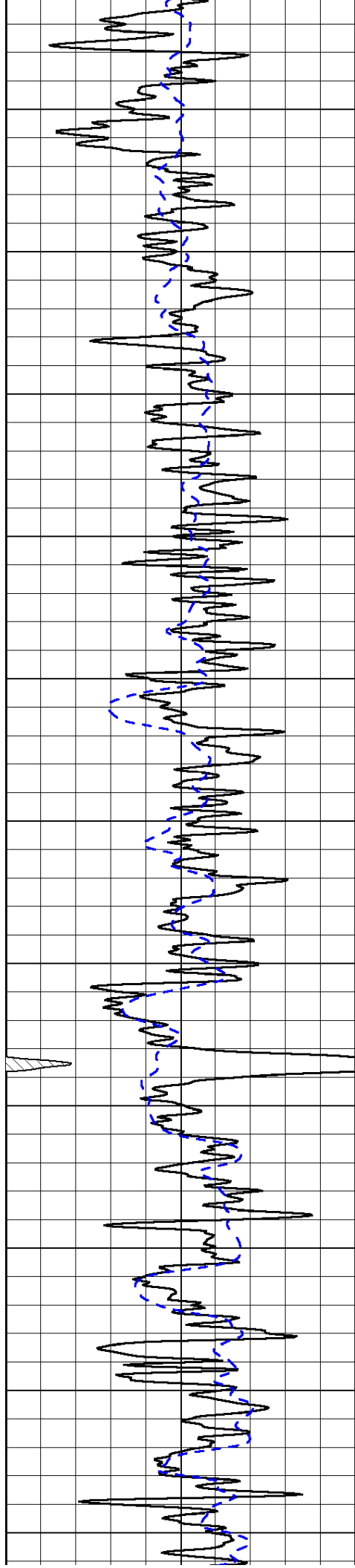
0	Gamma Ray	150
-200	SP (mV)	0

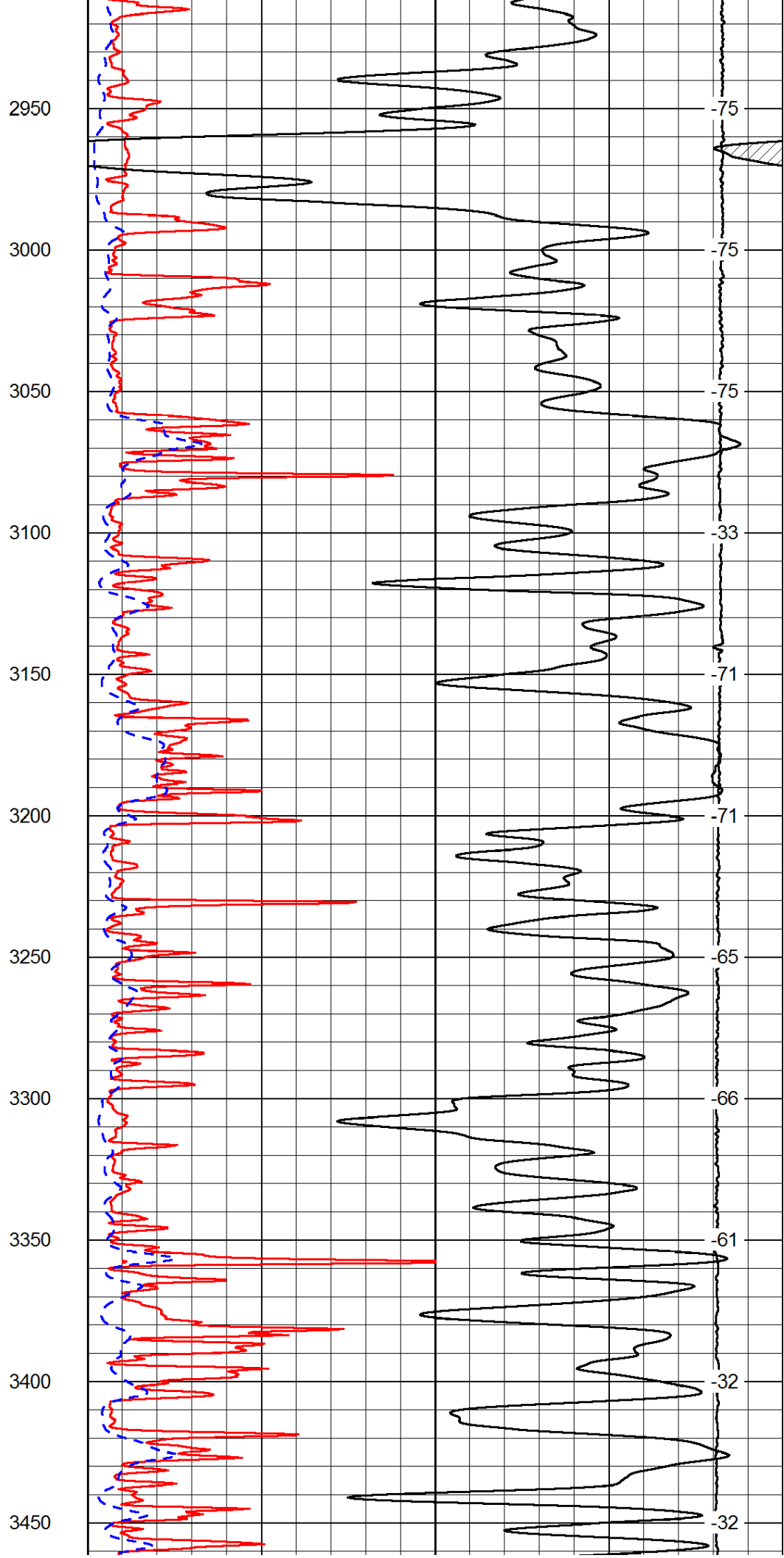
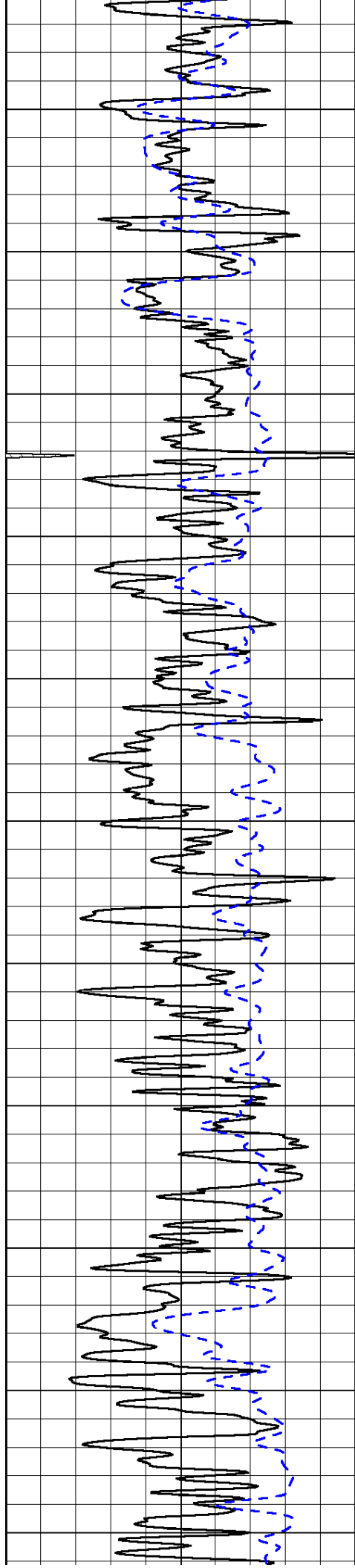
0			Shallow Resistivity	50	LSPD
0			Deep Resistivity	50	
1000			Conductivity		0
15000			Line Tension		0
	50			Shallow Resistivity	500
	50			Deep Resistivity	500

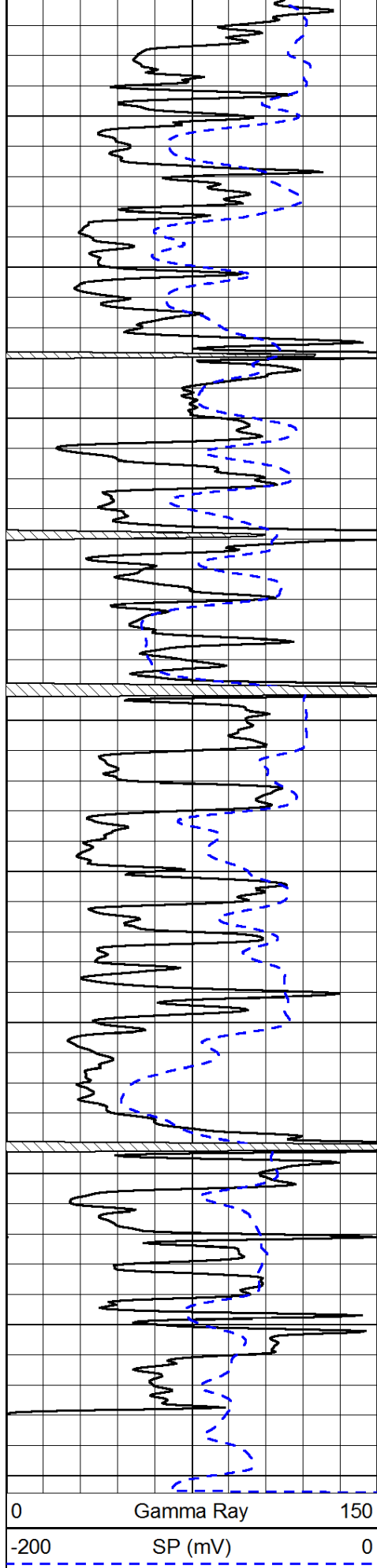




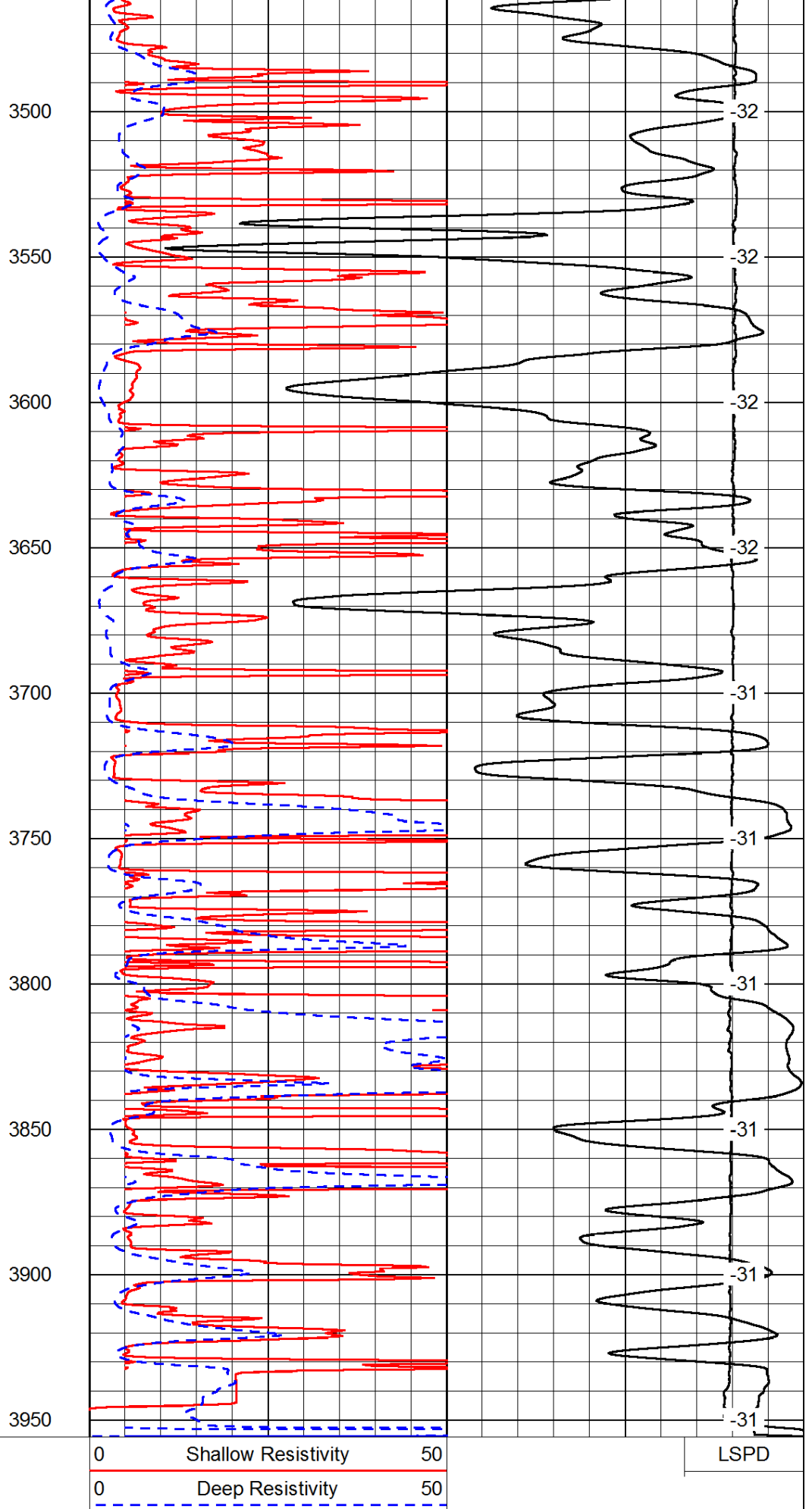








0 Gamma Ray 150
-200 SP (mV) 0



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

50 Shallow Resistivity 500

Database File:

c:\warrior\data\culbreath_toll # 1-9\culbreath_toll_1-9hd.db

Dataset Pathname:

dil/culstck

Presentation Format:

dil

Dataset Creation:

Sun Apr 06 04:42:02 2014

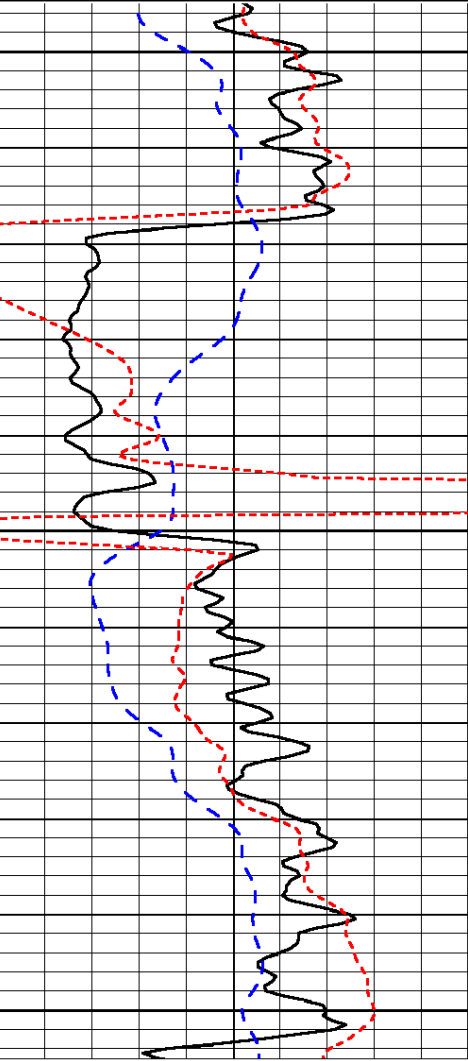
Charted by:

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

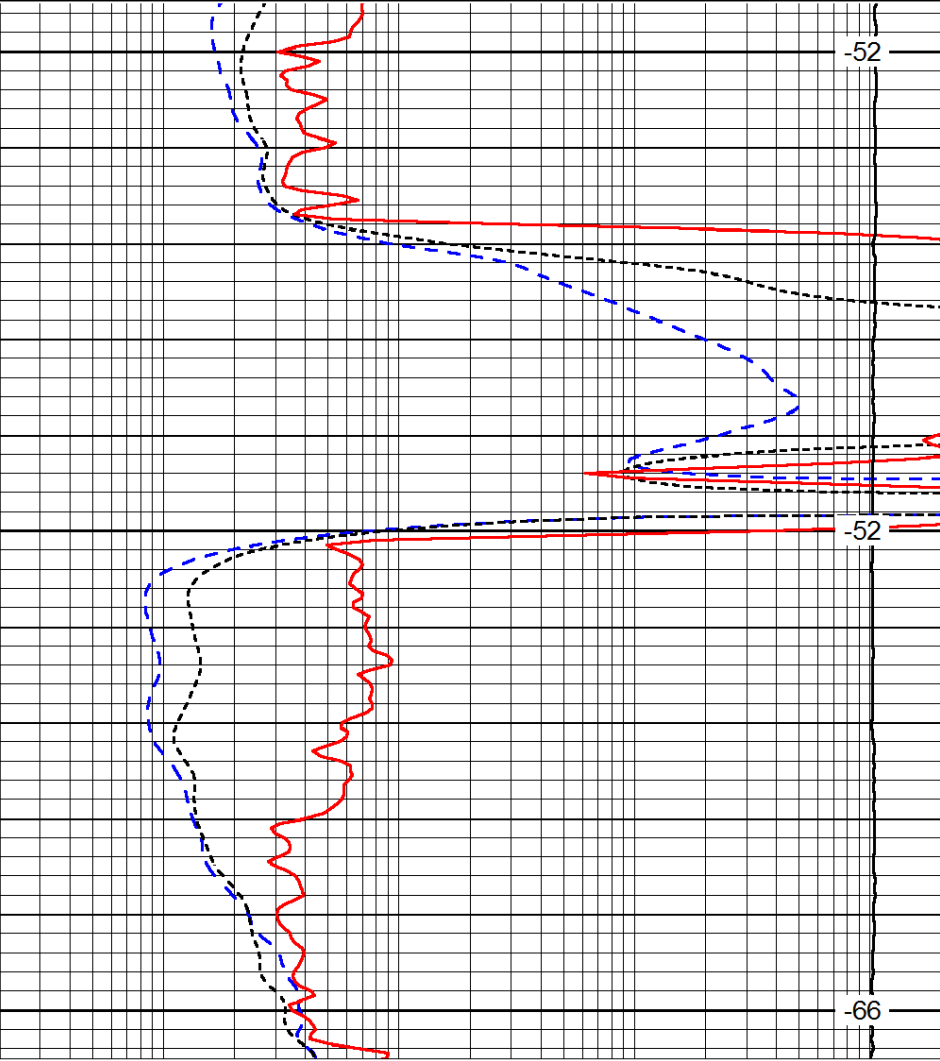


0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

2100

2150

2200



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\culbreath_toll # 1-9\culbreath_toll_1-9hd.db

Dataset Pathname:

dil/culstck

Presentation Format:

dil

Dataset Creation:

Sun Apr 06 04:42:02 2014

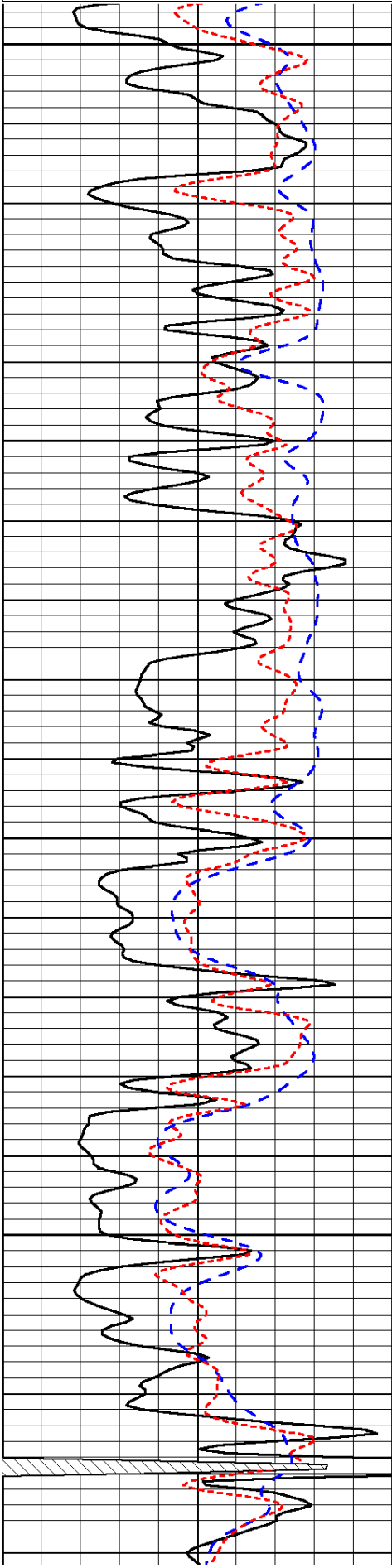
Charted by:

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

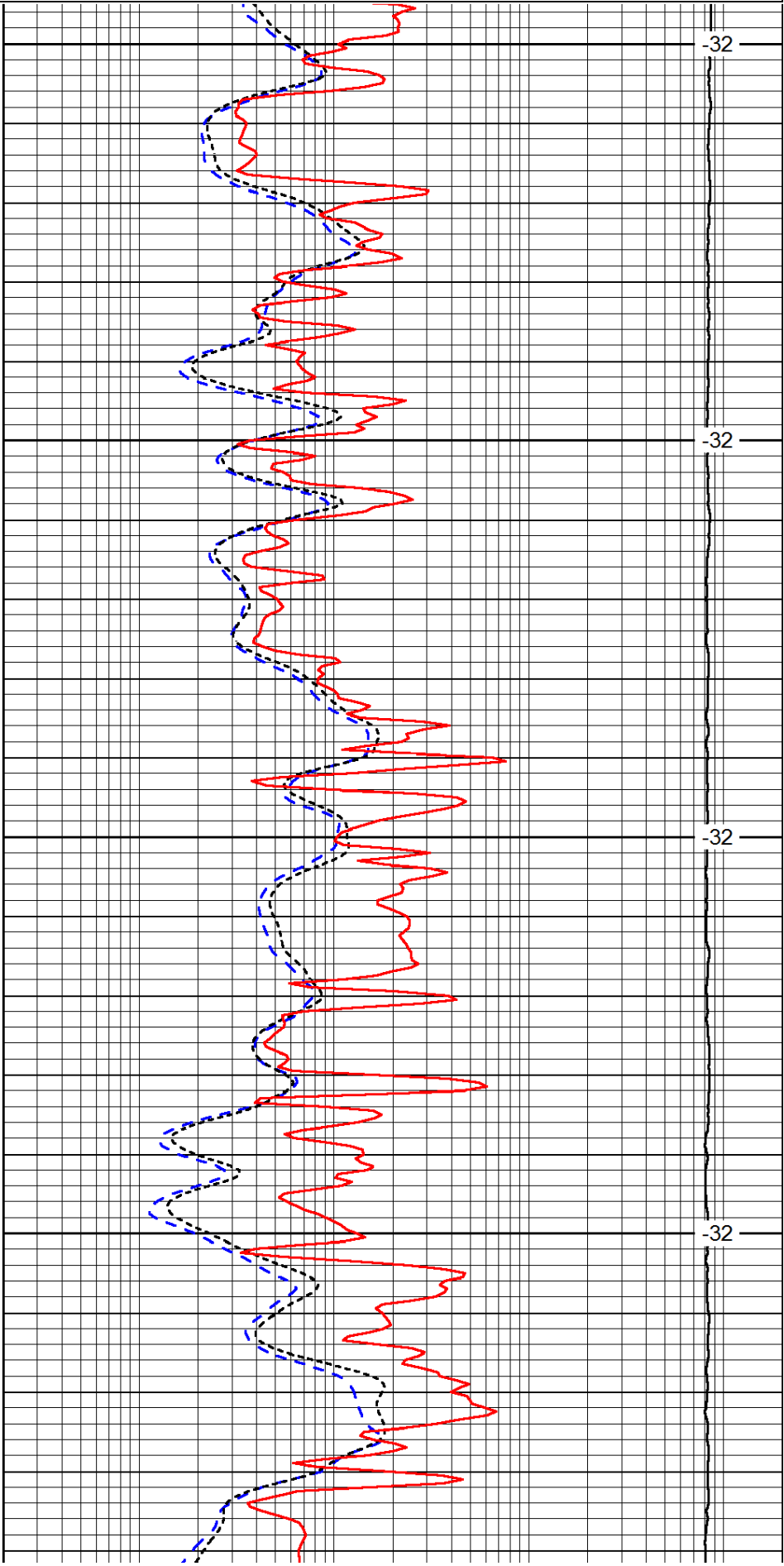


3400

3450

3500

3550

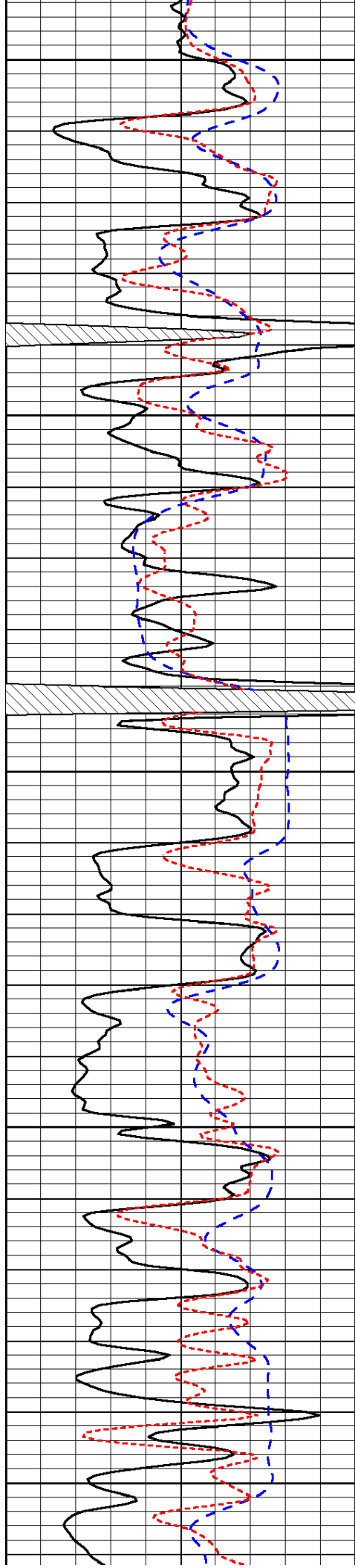


-32

-32

-32

-32



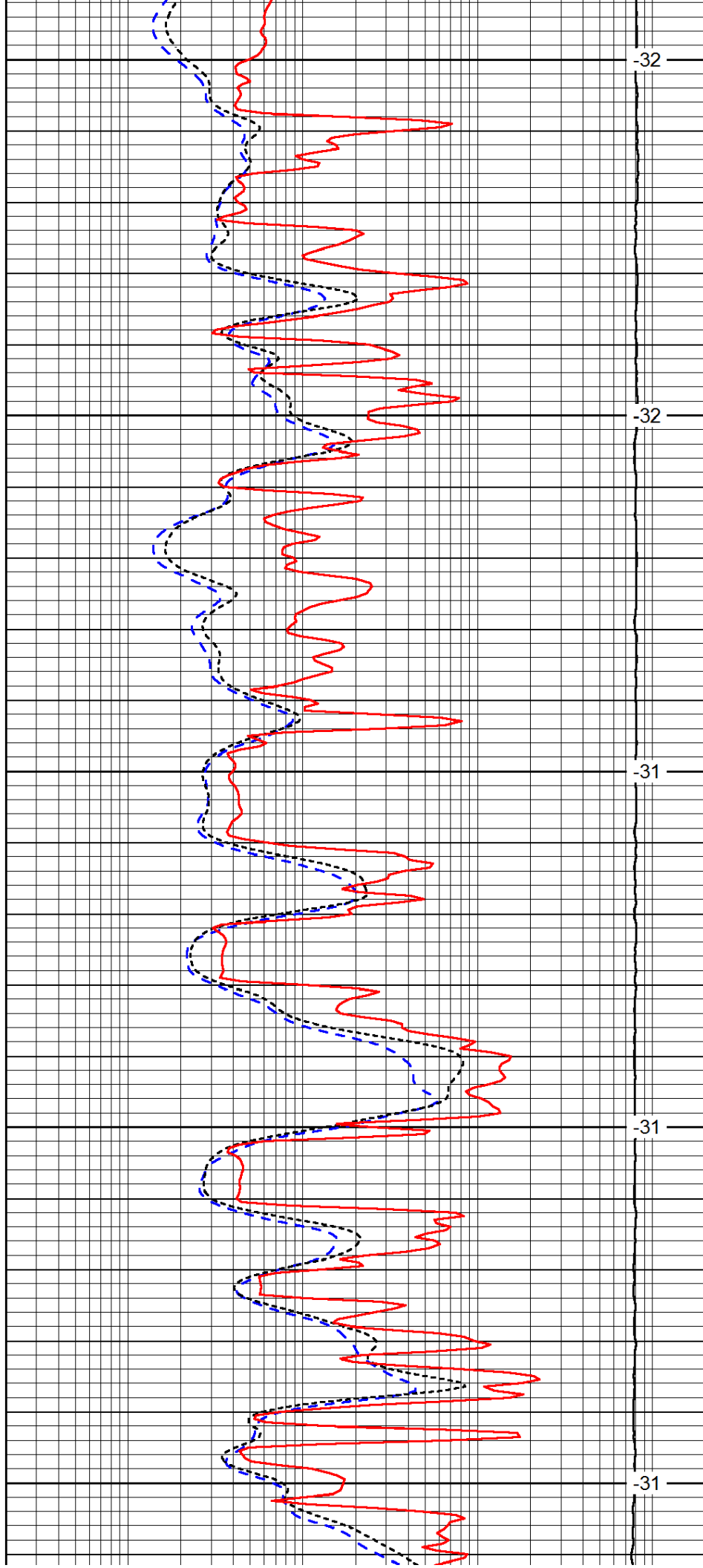
3600

3650

3700

3750

3800



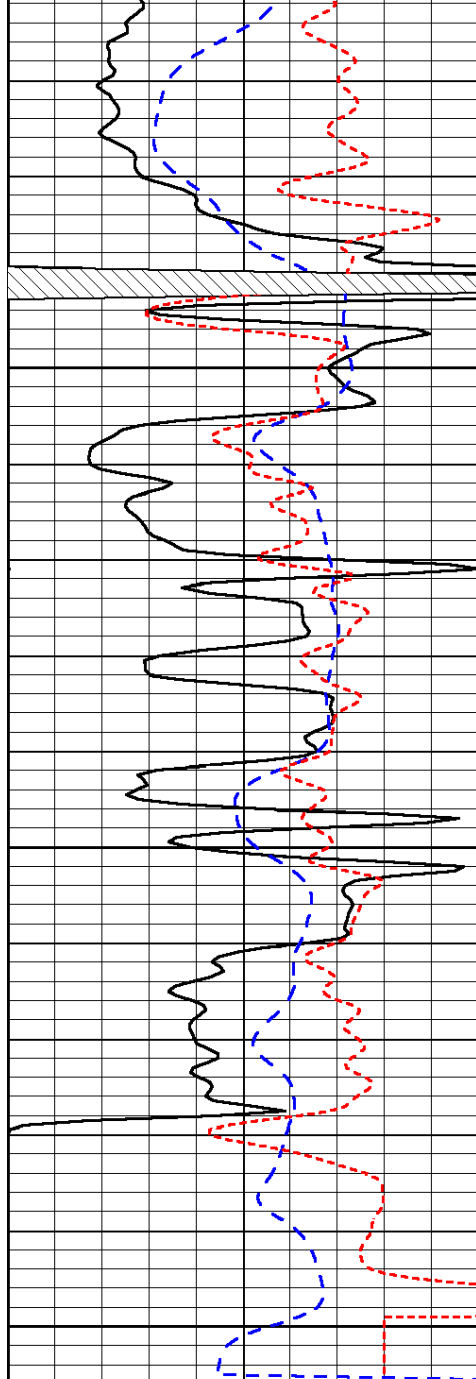
-32

-32

-31

-31

-31

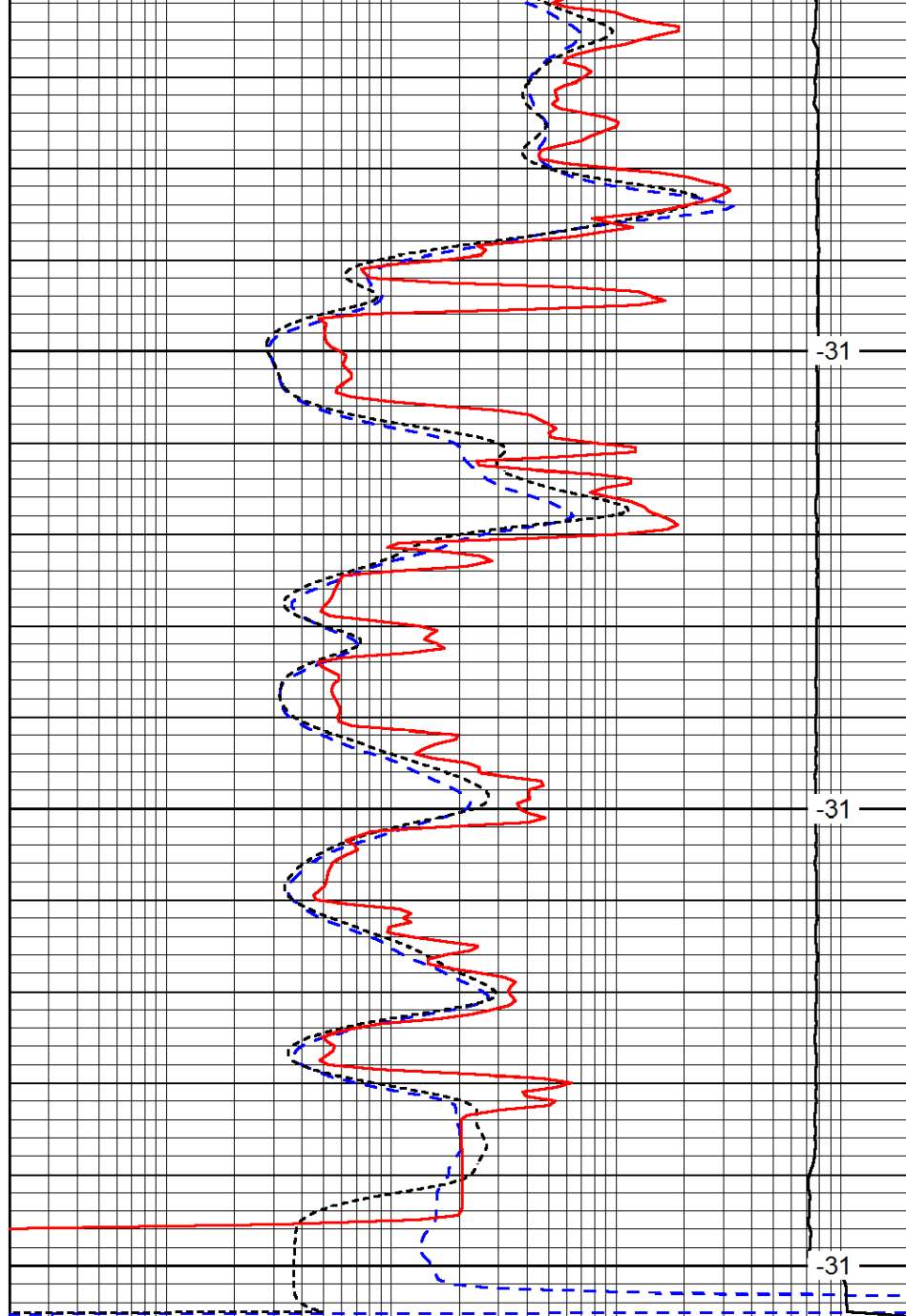


0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

3850

3900

3950



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

LSPD