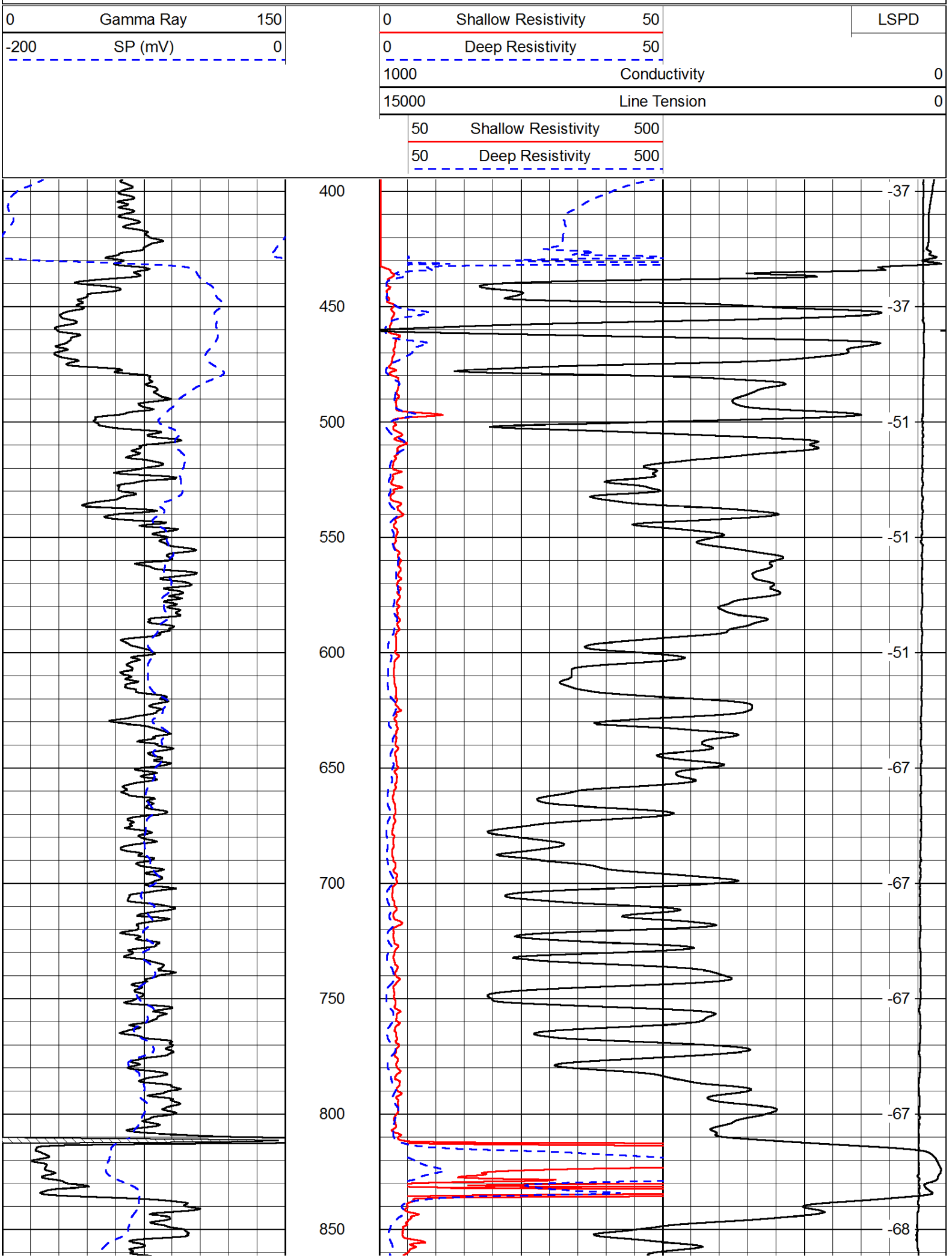
PIONEER

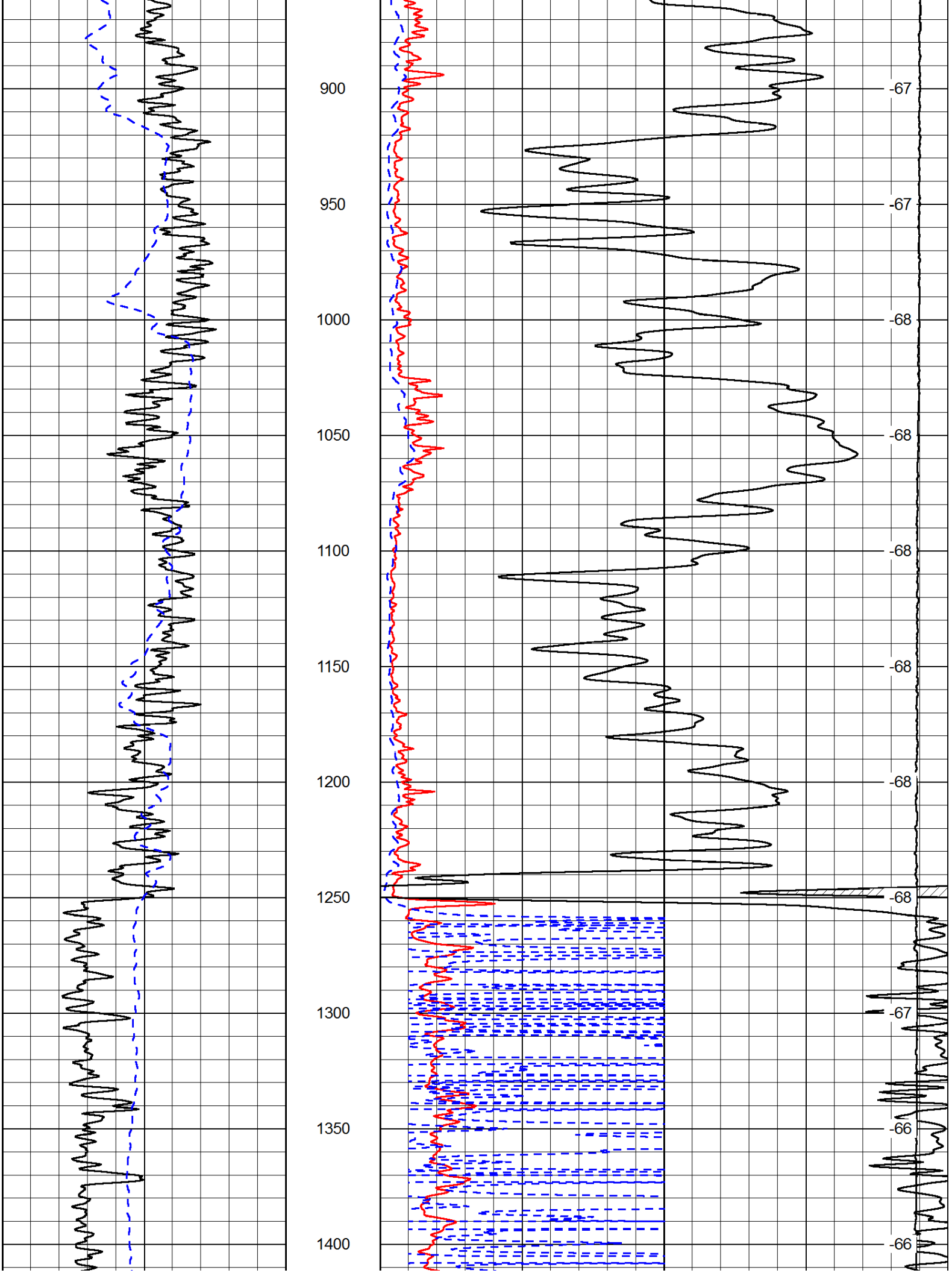
Pioneer Energy Services

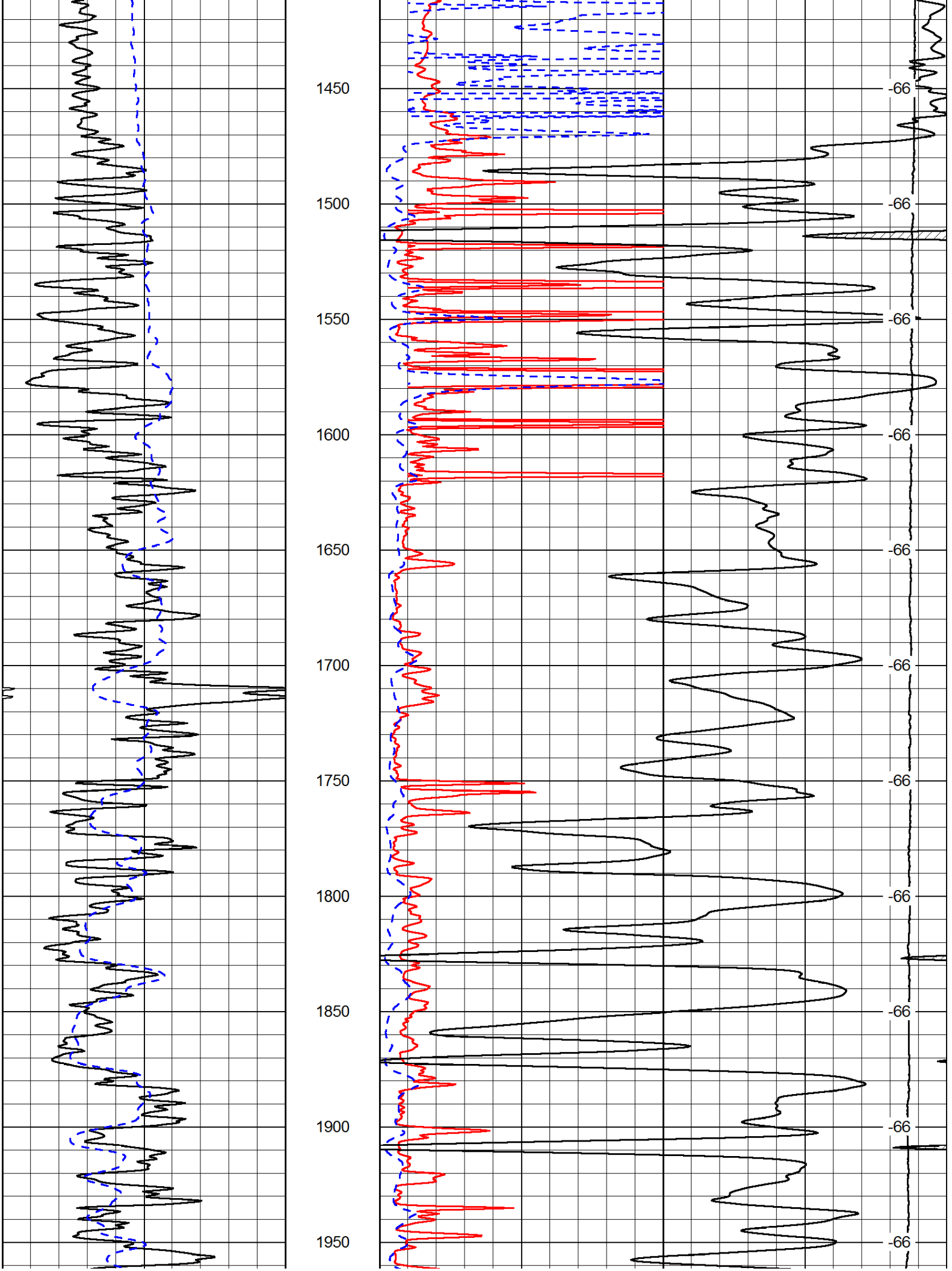
Dual Induction Log

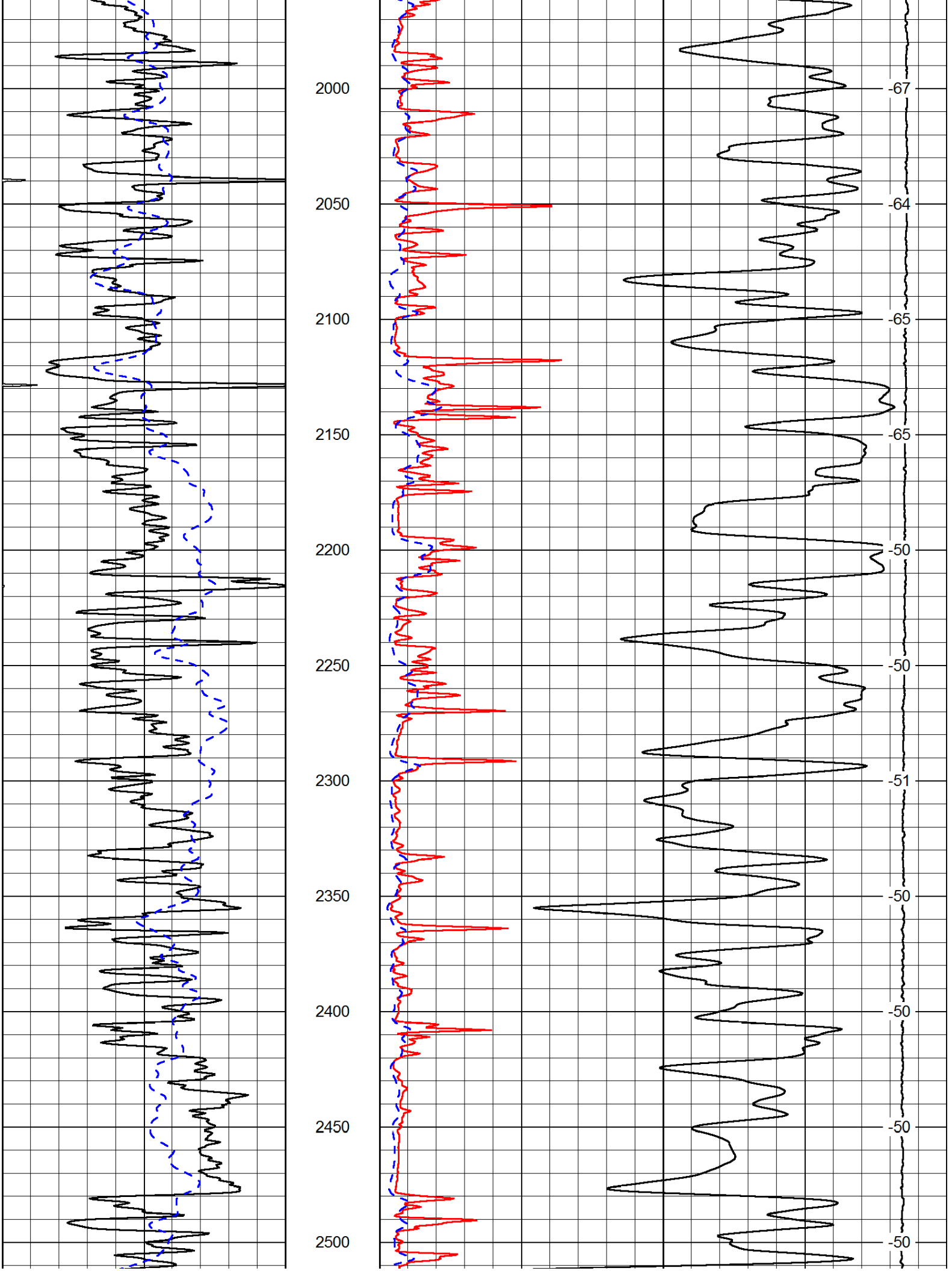
Company	Bird Dog Oil, LLC
Well	Beaver S-Reif #1-22
Field	Kraft-Prusa
County	Barton
State	Kansas
API No.	15-009-25,844-00-00
Location	250' FSL & 1,460' FEL
	Sec: 22 Twp: 16S Rge: 12W
Permanent Datum	Ground Level
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
Elevation	1926
	7 Ft. Above Perm. Datum
Other Services	CNL/CDL MEL/BHCS
Elevation	K.B. 1933
	D.F.
	G.L. 1926

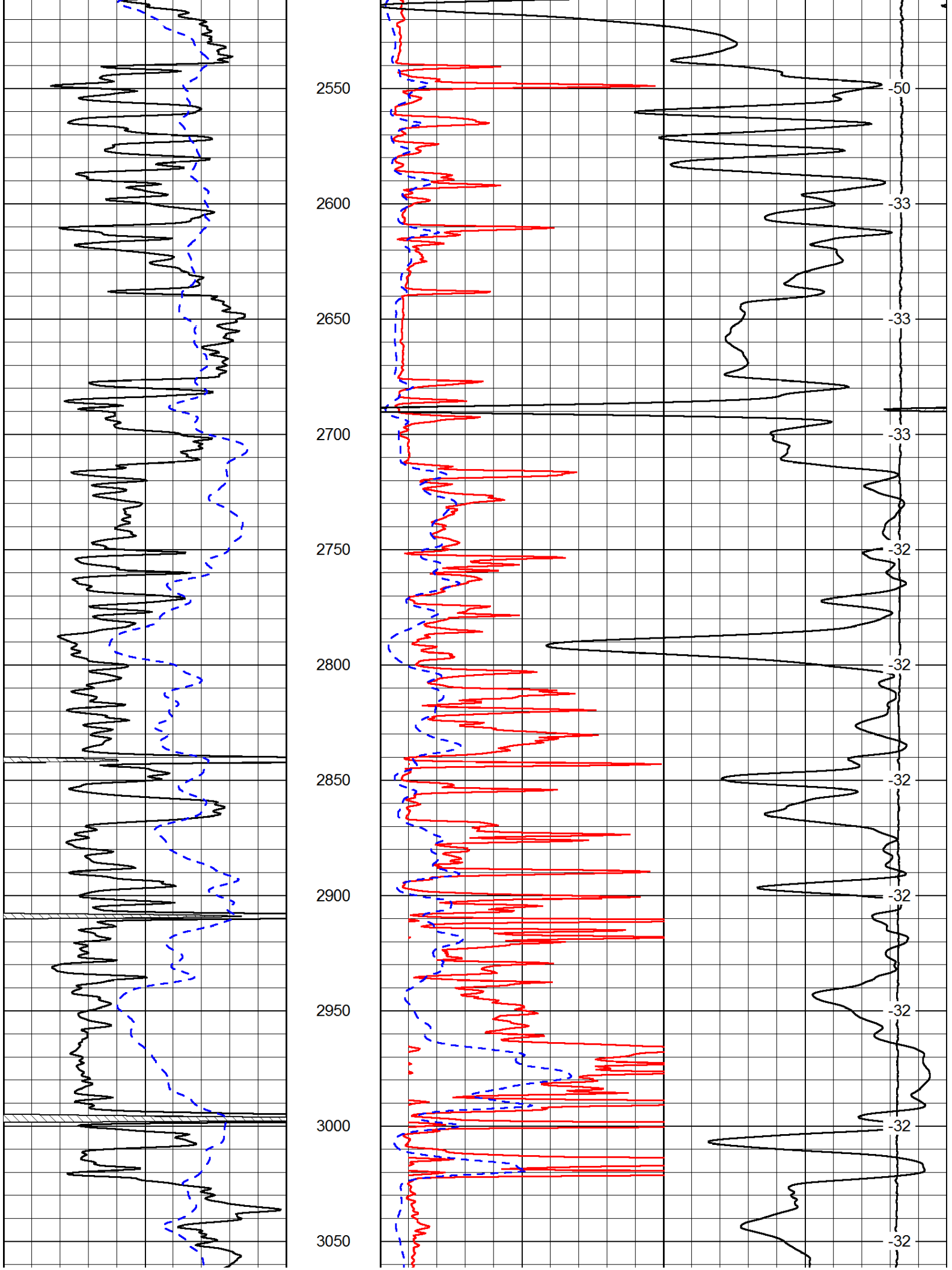
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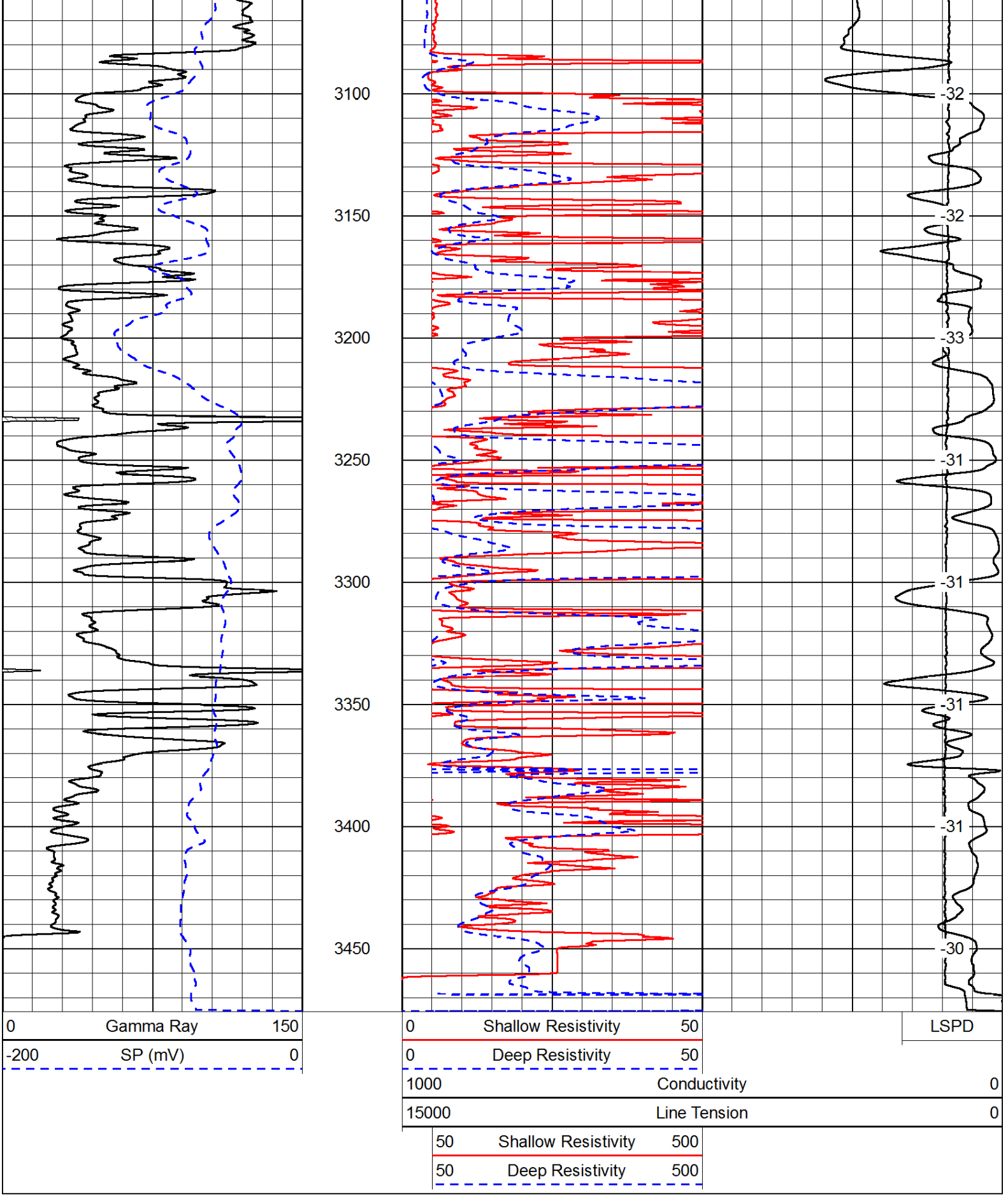

0 Gamma Ray 150
-200 SP (mV) 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
1000 Conductivity 0
15000 Line Tension 0
LSPD
50 Shallow Resistivity 500
50 Deep Resistivity 500
400
450
500
550
600
650
700
750
800
850
-37
-37
-51
-51
-51
-67
-67
-67
-68


900
950
1000
1050
1100
1150
1200
1250
1300
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-66

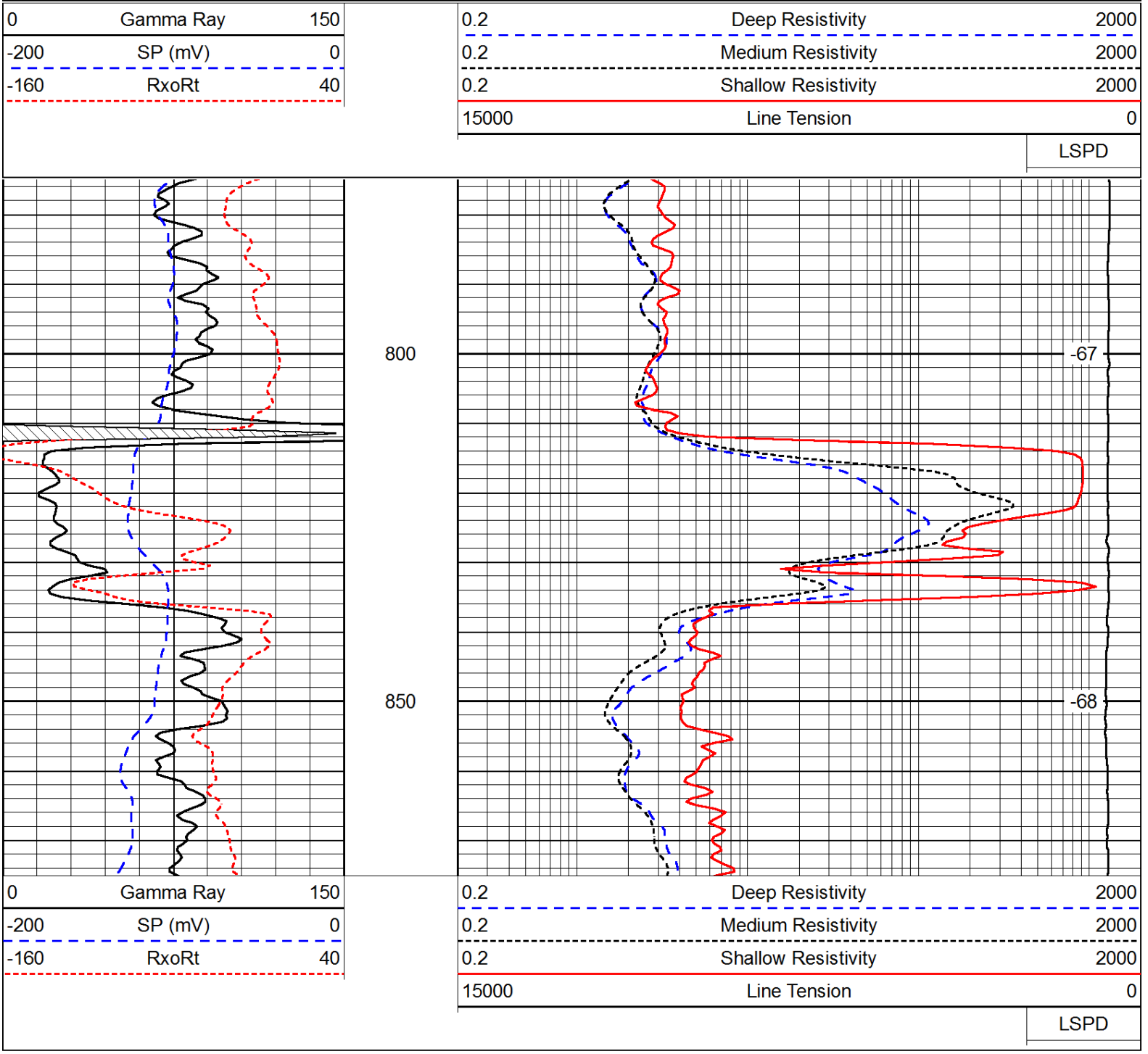

1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
-66
-66
-66
-66
-66
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-66
-66
-66
-66


2000
2050
2100
2150
2200
2250
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-50

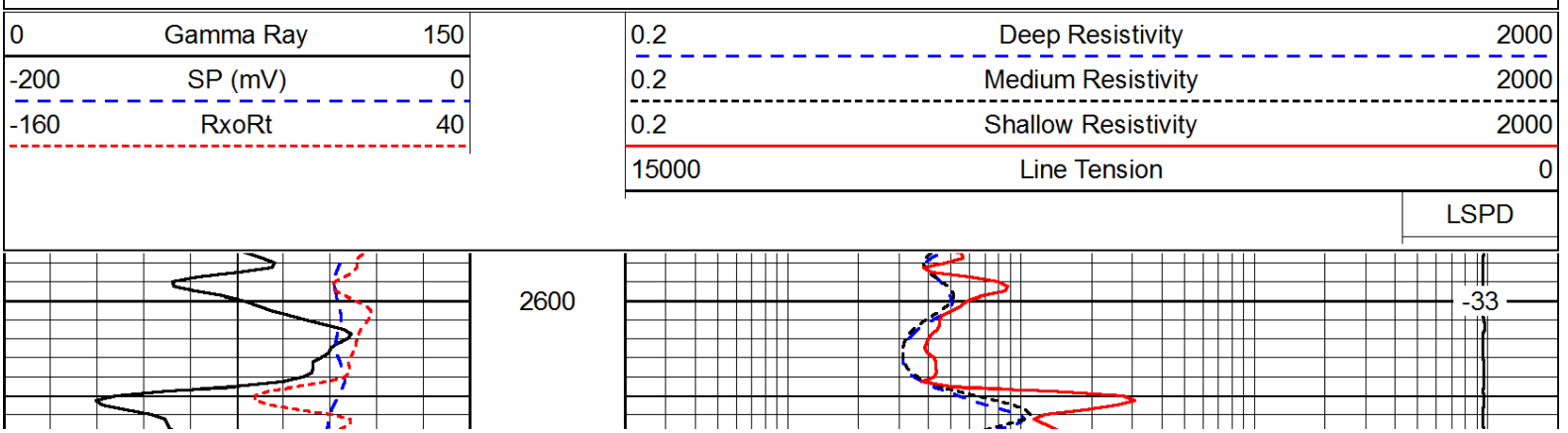

2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
3050
-50
-33
-33
-33
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-32
-32
-32
-32

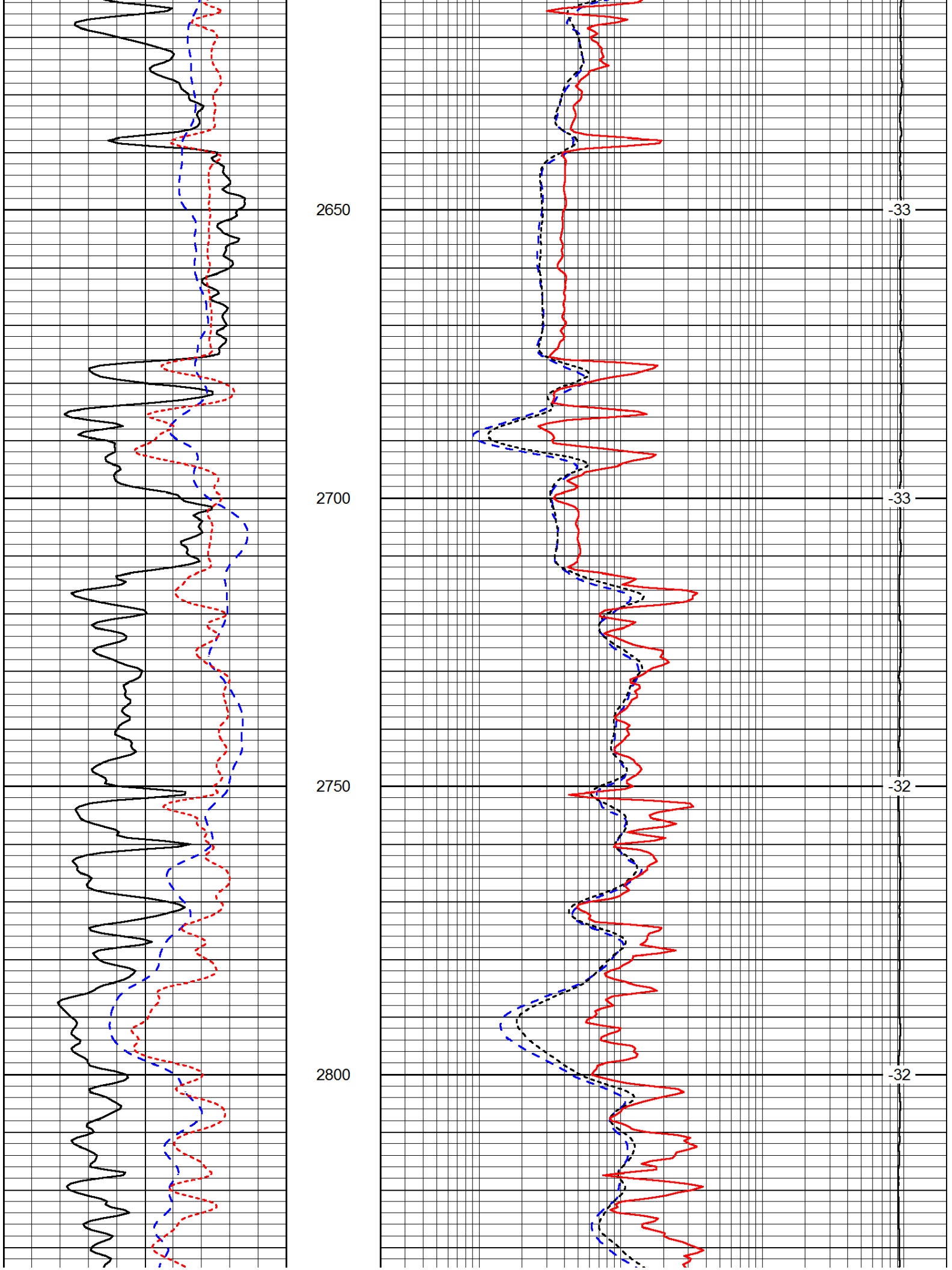


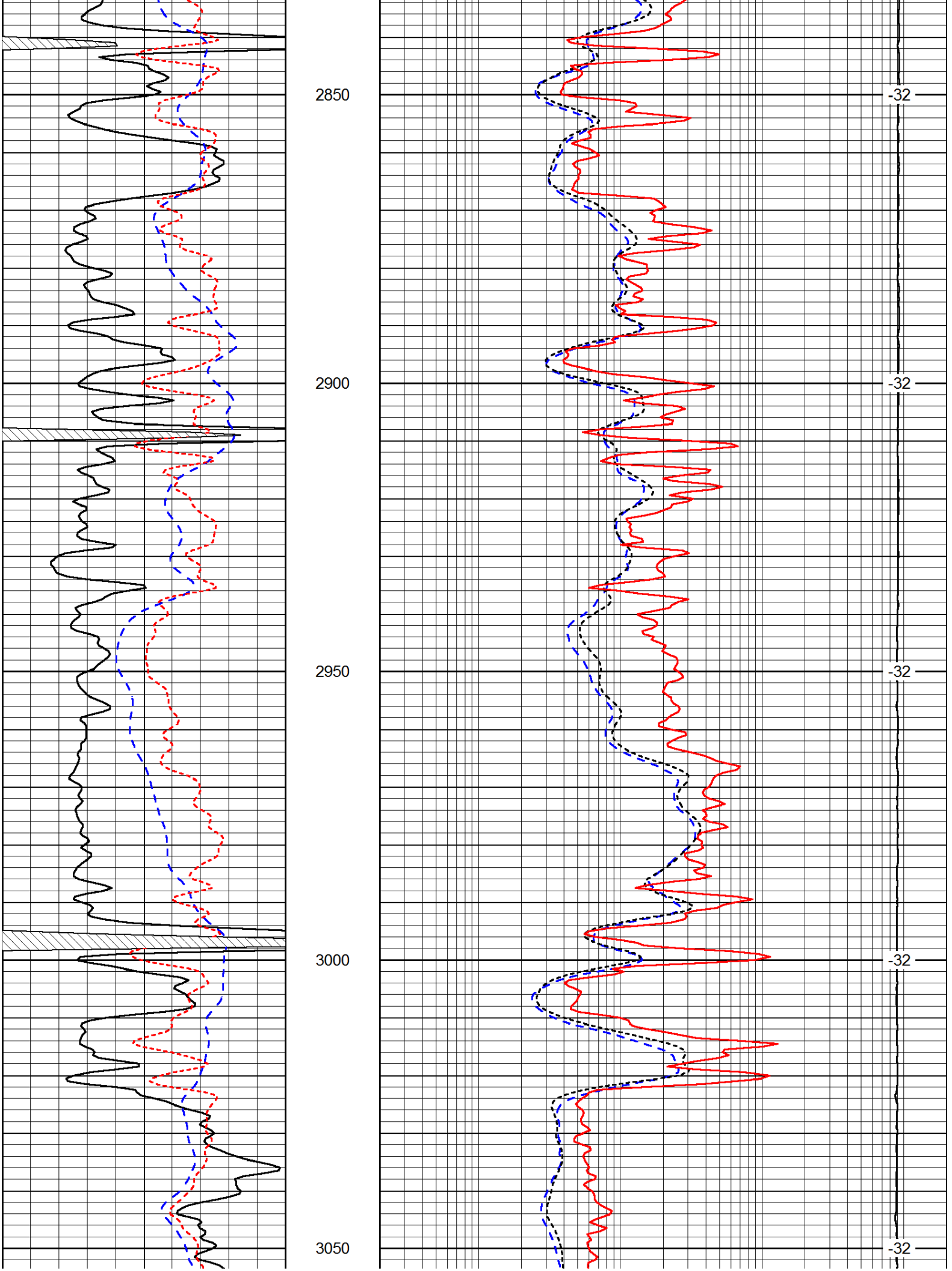
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Presentation Format:	dil
Dataset Creation:	Sat Jun 01 06:29:48 2013
Charted by:	Depth in Feet scaled 1:240

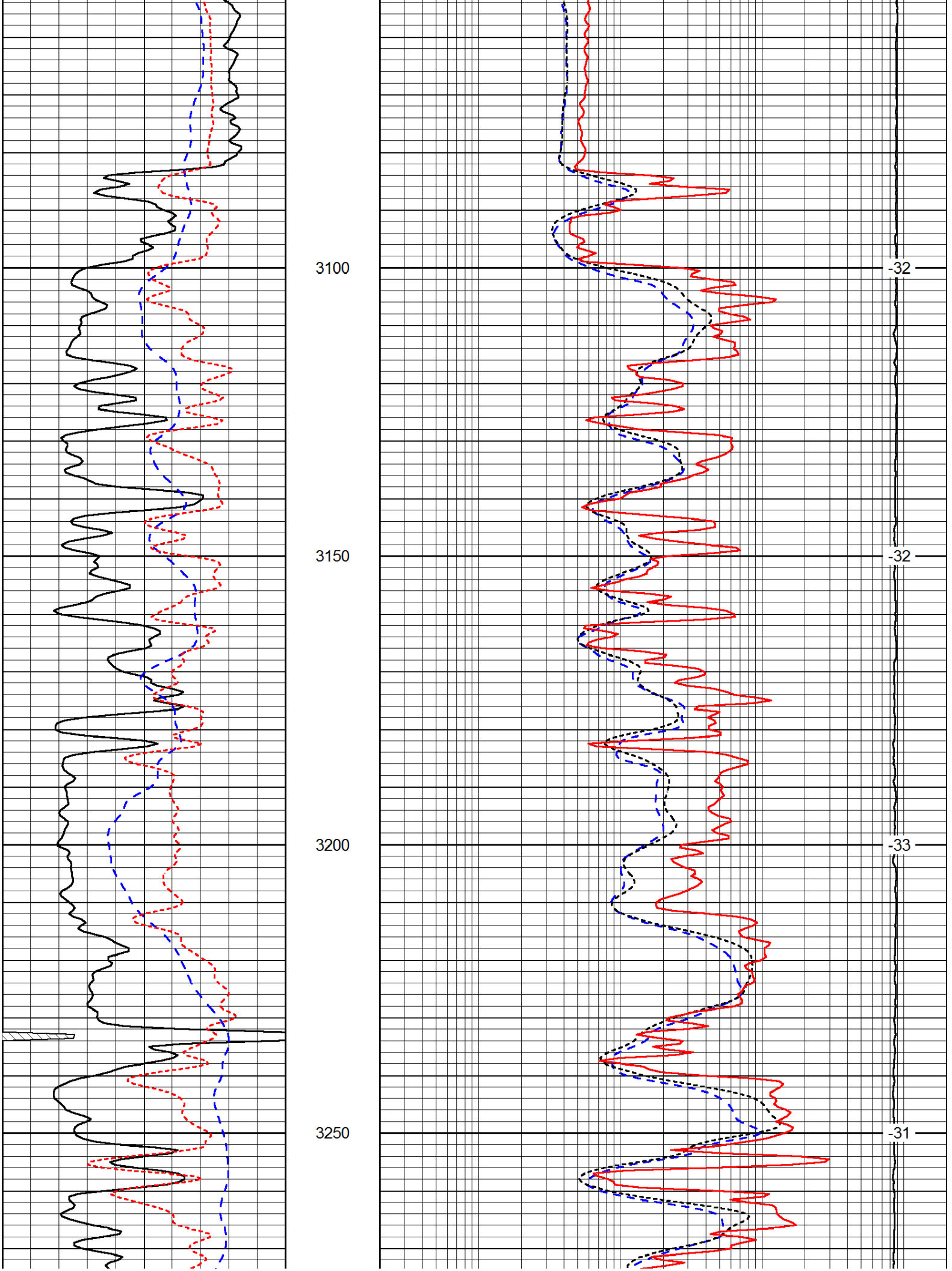


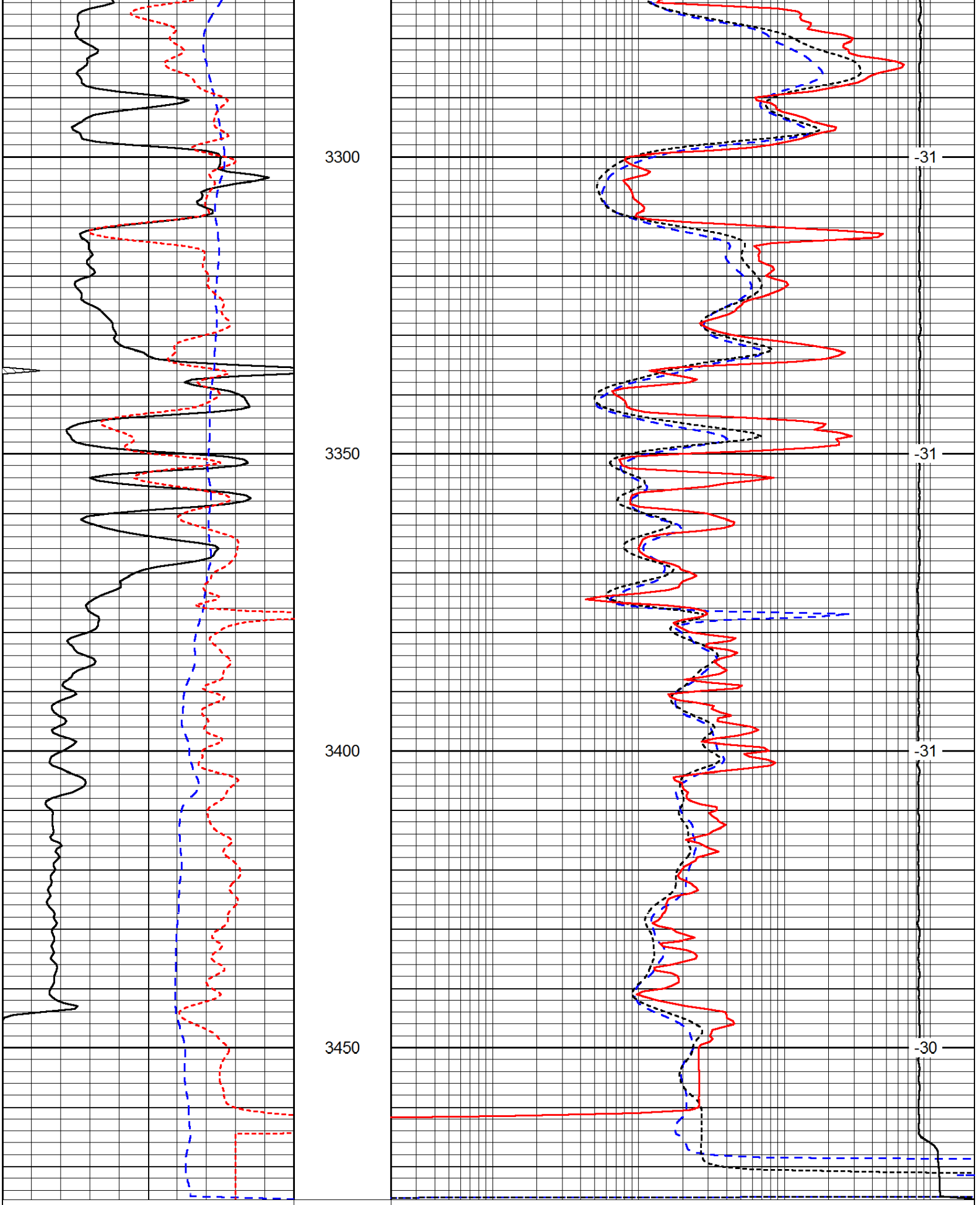
Database File: c:\warrior\data\bird dog_beaver s-reif #1-22\birddog_beaver_s-reif_1-22hd.db
Dataset Pathname: dil/birdstck
Presentation Format: dil
Dataset Creation: Sat Jun 01 06:29:48 2013
Charted by: Depth in Feet scaled 1:240




2650
2700
2750
2800
-33
-33
-32
-32


2850
2900
2950
3000
3050
-32
-32
-32
-32
-32


3100
3150
3200
3250
-32
-32
-33
-31



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