PIONEER

Pioneer Energy Services

Dual Induction Log

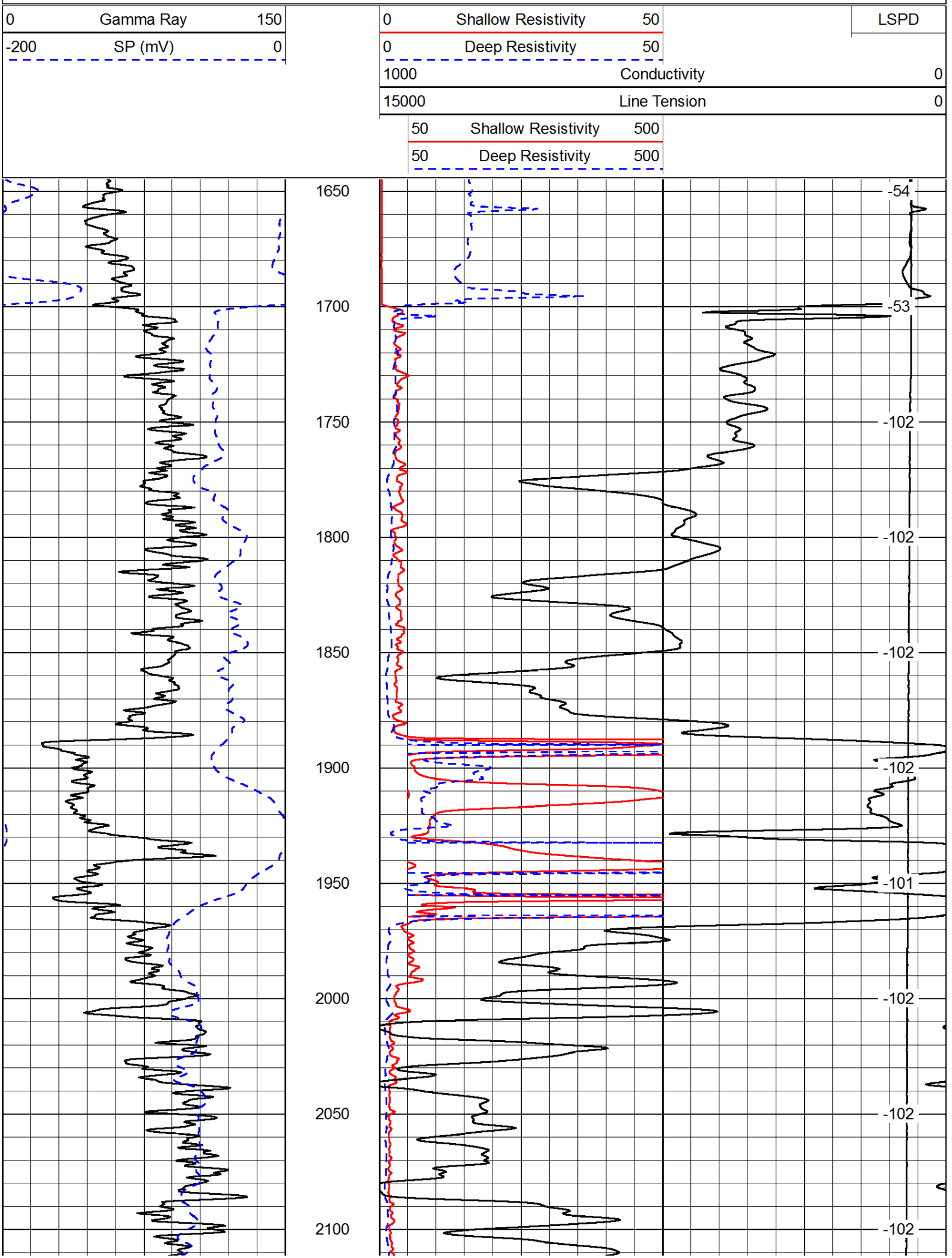
Company	American Warrior, Inc.
Well	Clark #4-2
Field	
County	Finney State Kansas
Location	2,046' FSL & 2,309' FEL
	Sec: 2 Twp: 25S Rge: 31W
Permanent Datum	Ground Level Elevation 2839
Log Measured From	Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing

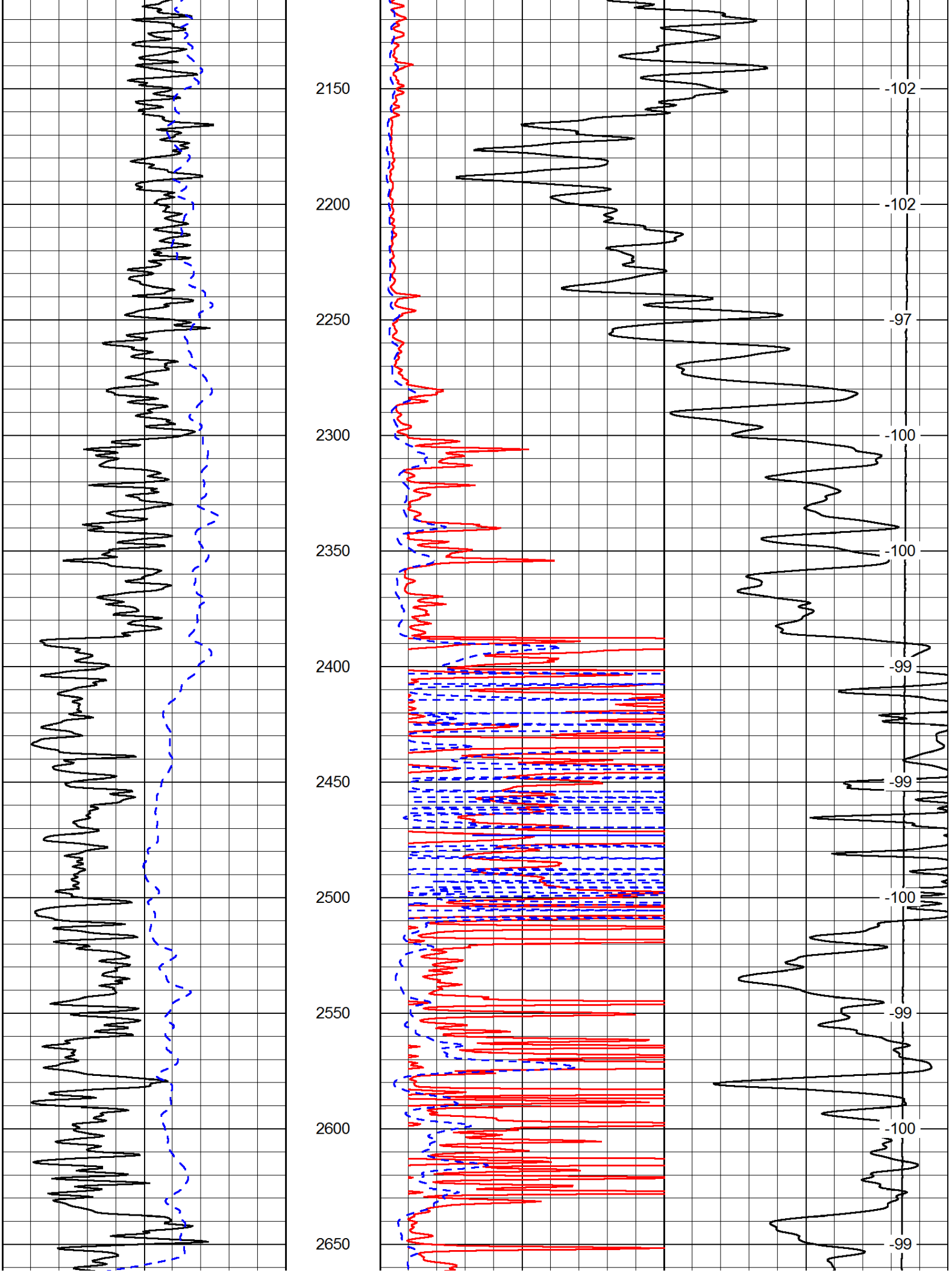
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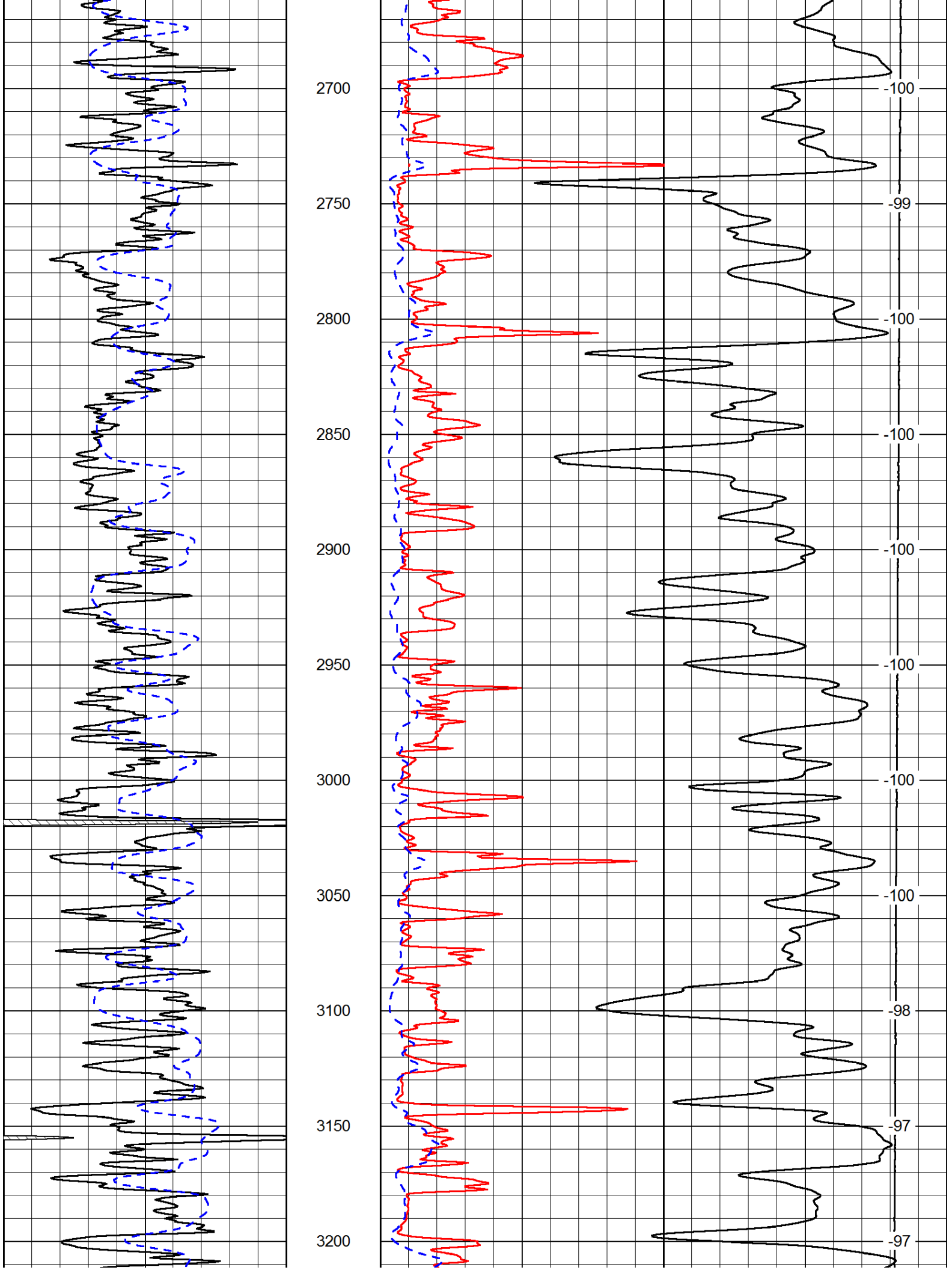
Other Services: CNL/CDL, MEL

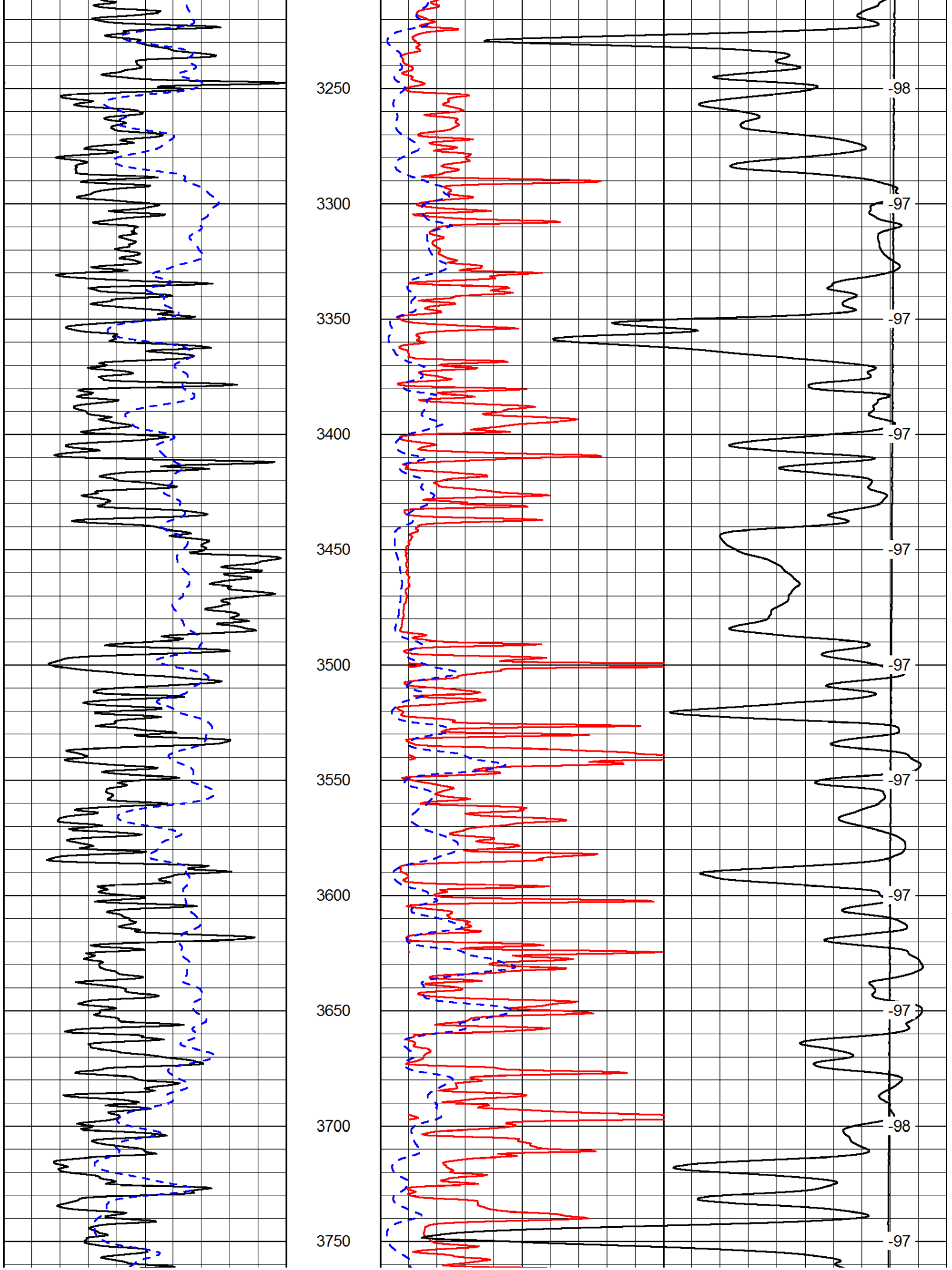
Elevation: K.B. 2850, D.F., G.L. 2839

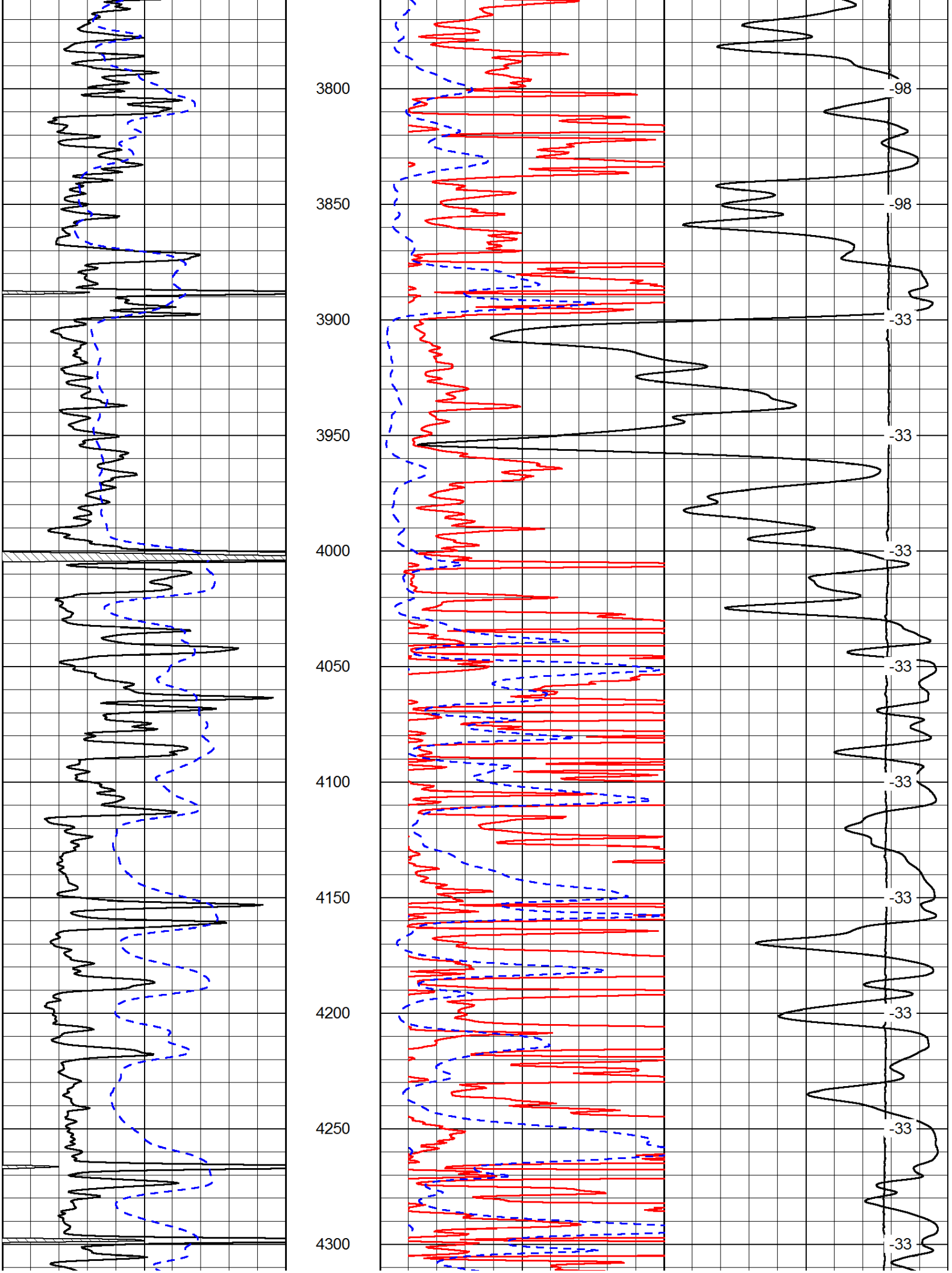
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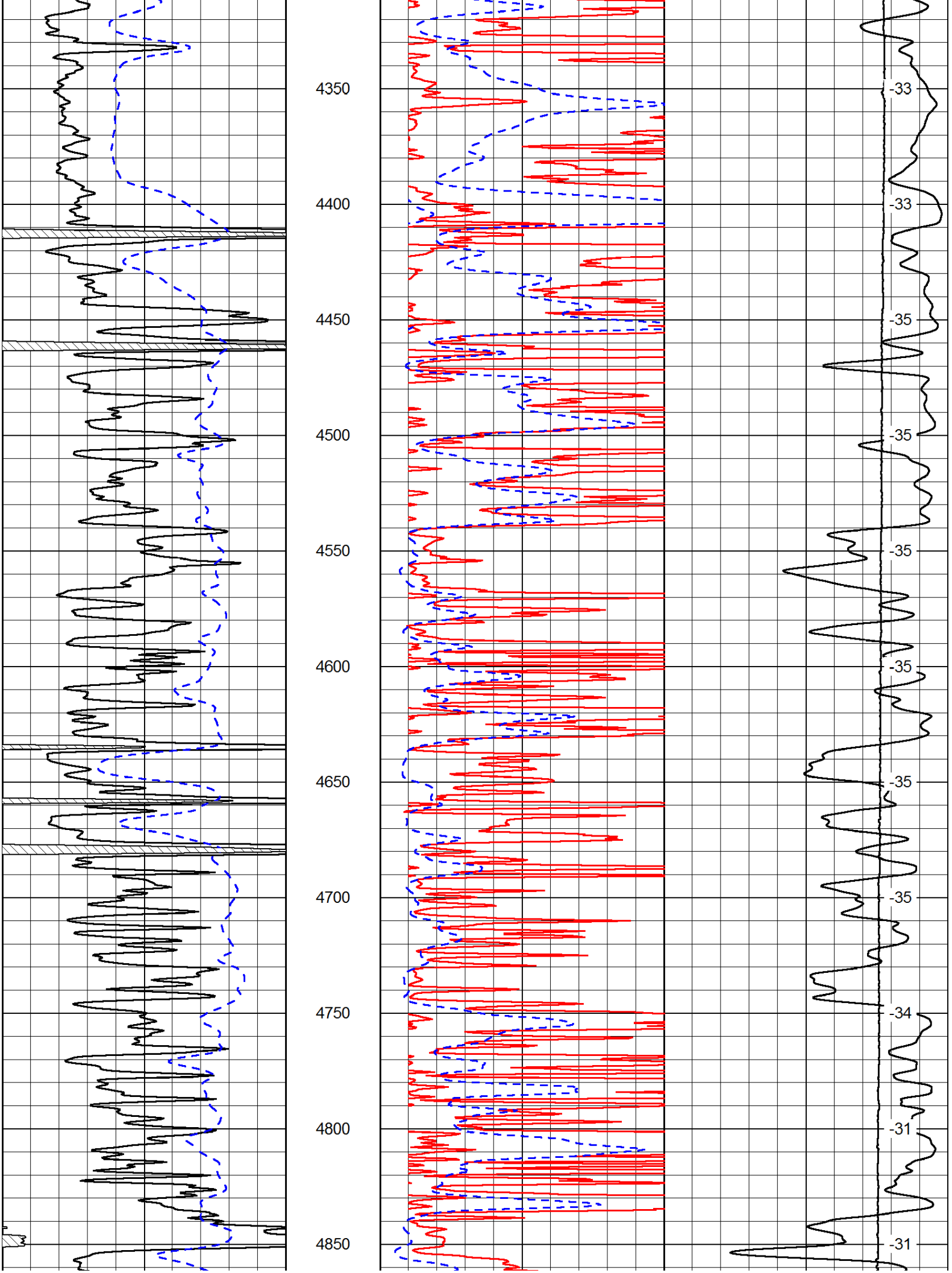

0 Gamma Ray 150
-200 SP (mV) 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
1000 Conductivity 0
15000 Line Tension 0
50 Shallow Resistivity 500
50 Deep Resistivity 500
LSPD
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
-54
-53
-102
-102
-102
-102
-101
-102
-102
-102

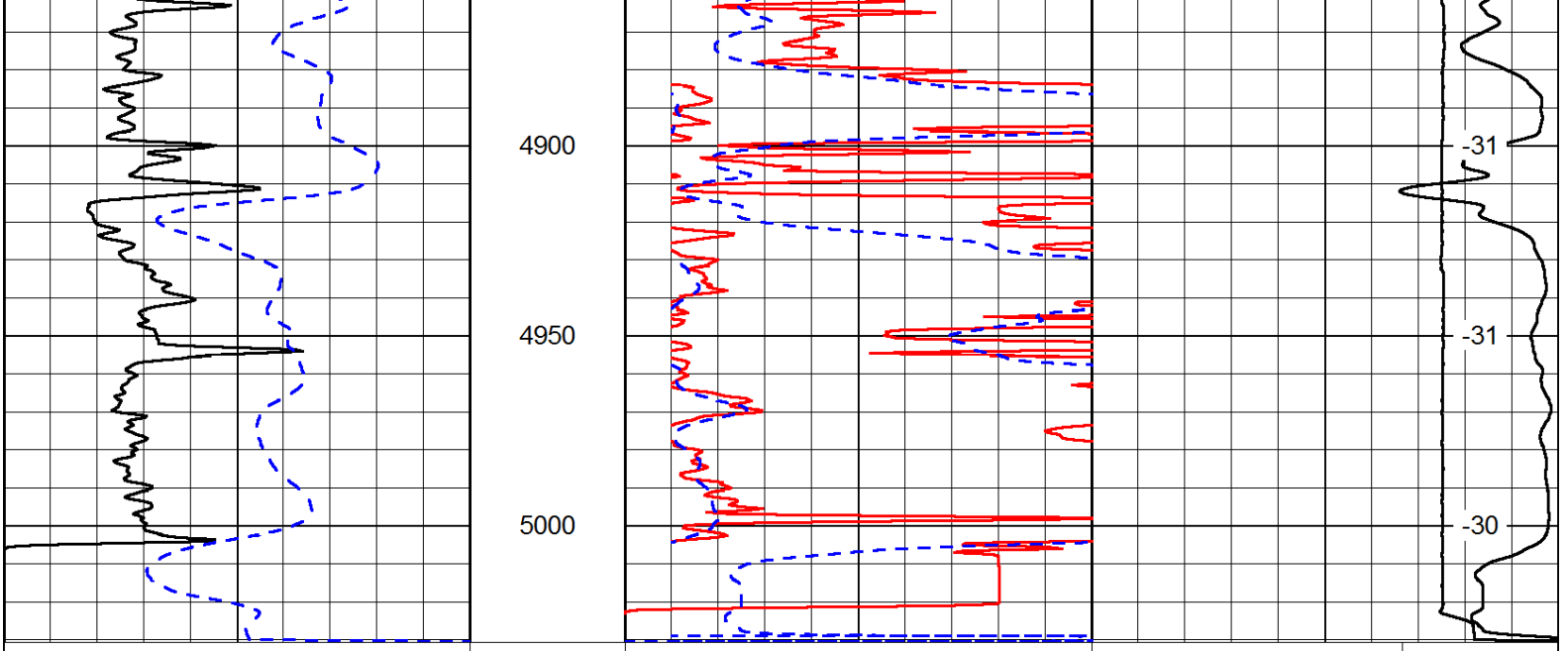

2150
2200
2250
2300
2350
2400
2450
2500
2550
2600
2650
-102
-102
-97
-100
-100
-99
-99
-100
-99
-100
-99


2700
2750
2800
2850
2900
2950
3000
3050
3100
3150
3200
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-100
-100
-100
-100
-100
-98
-97
-97

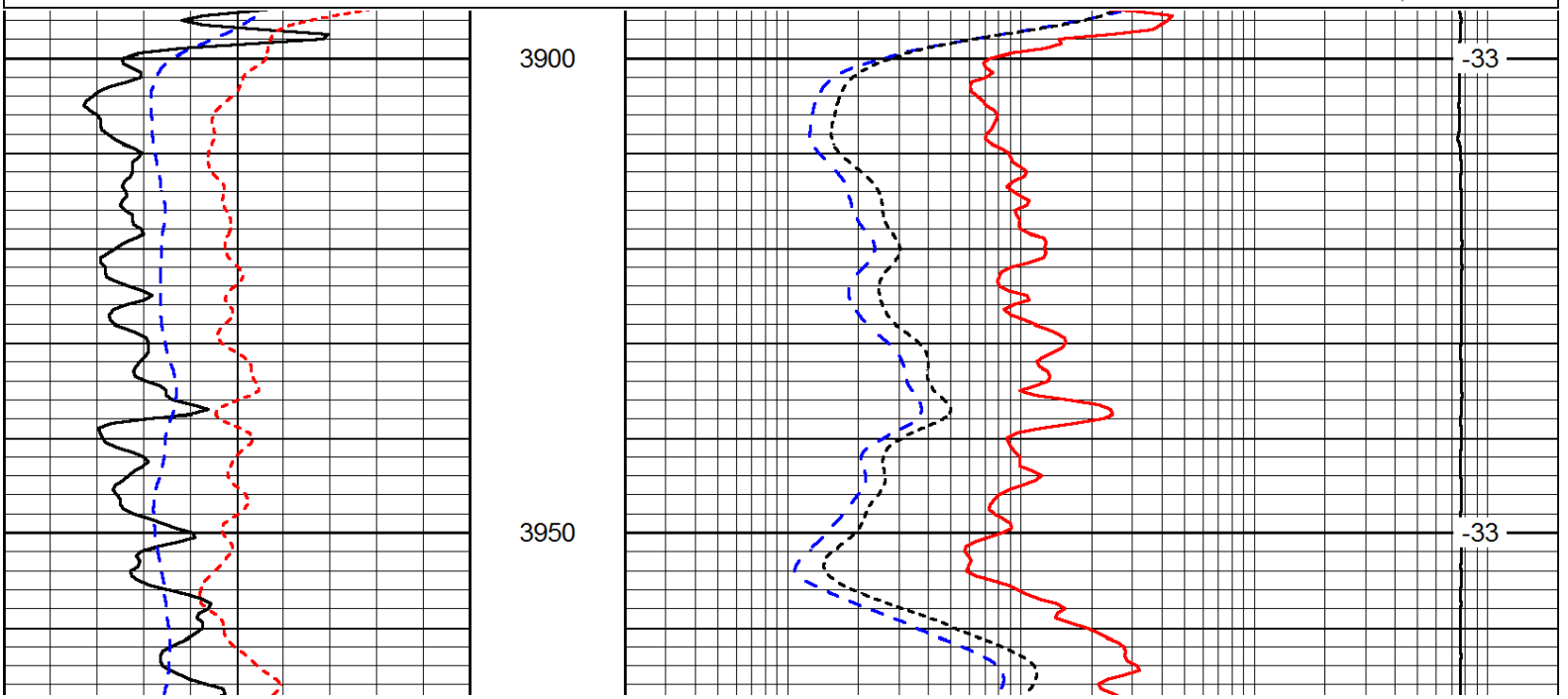

3250
3300
3350
3400
3450
3500
3550
3600
3650
3700
3750
-98
-97
-97
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-97
-97
-97
-97
-98
-97

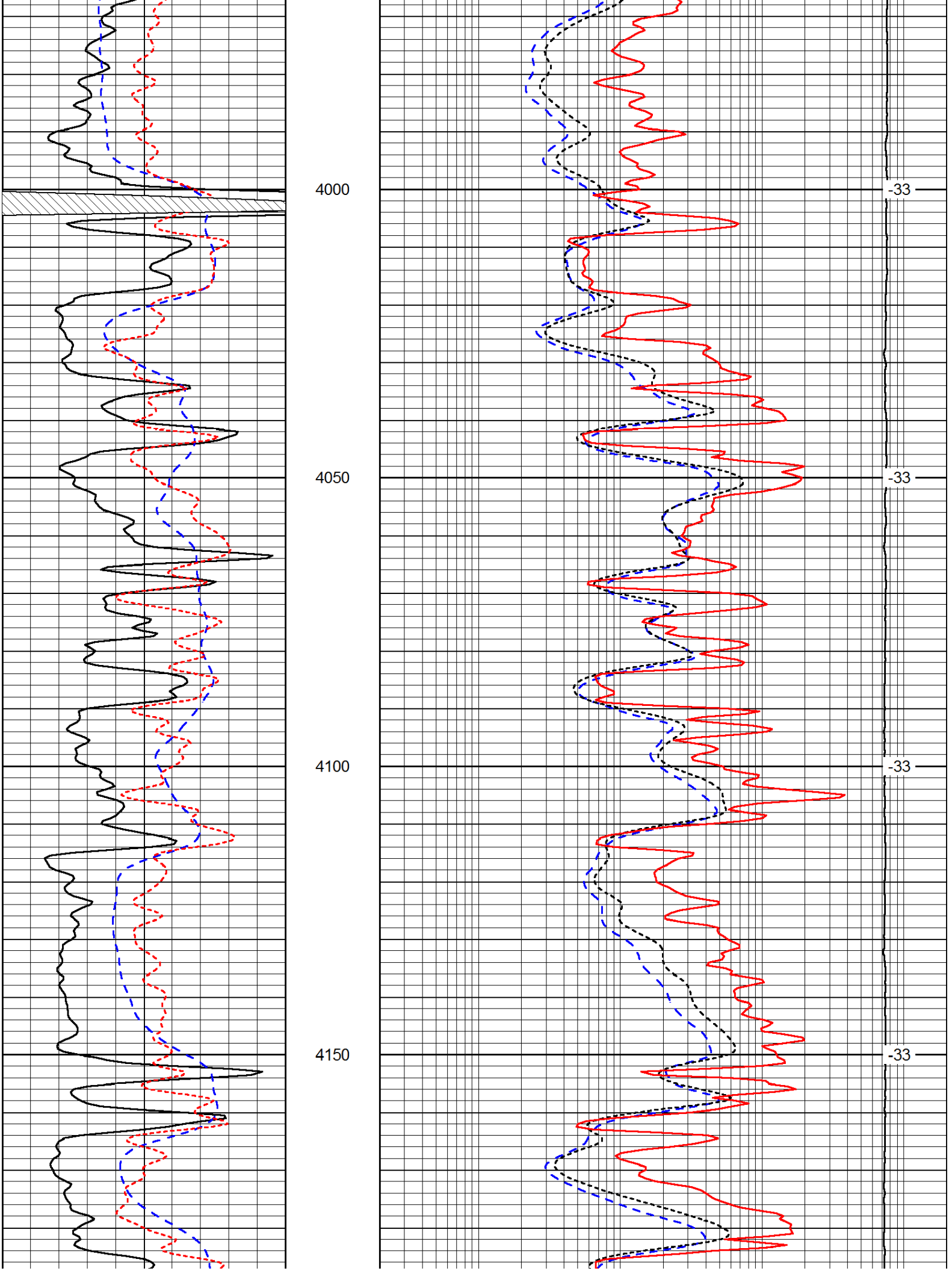

3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
-98
-98
-33
-33
-33
-33
-33
-33
-33
-33

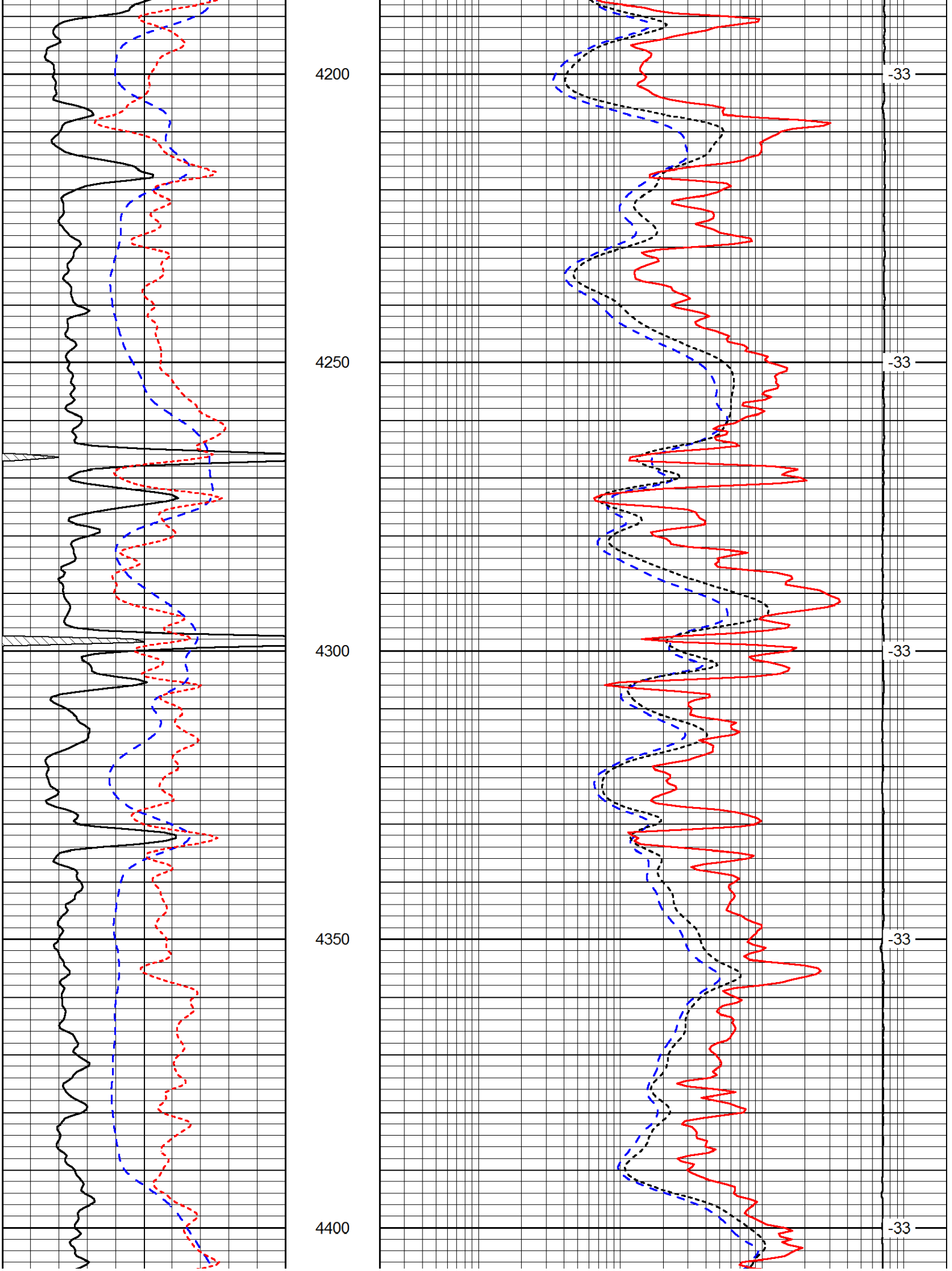

4350
4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
-33
-33
-35
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-35
-34
-31
-31

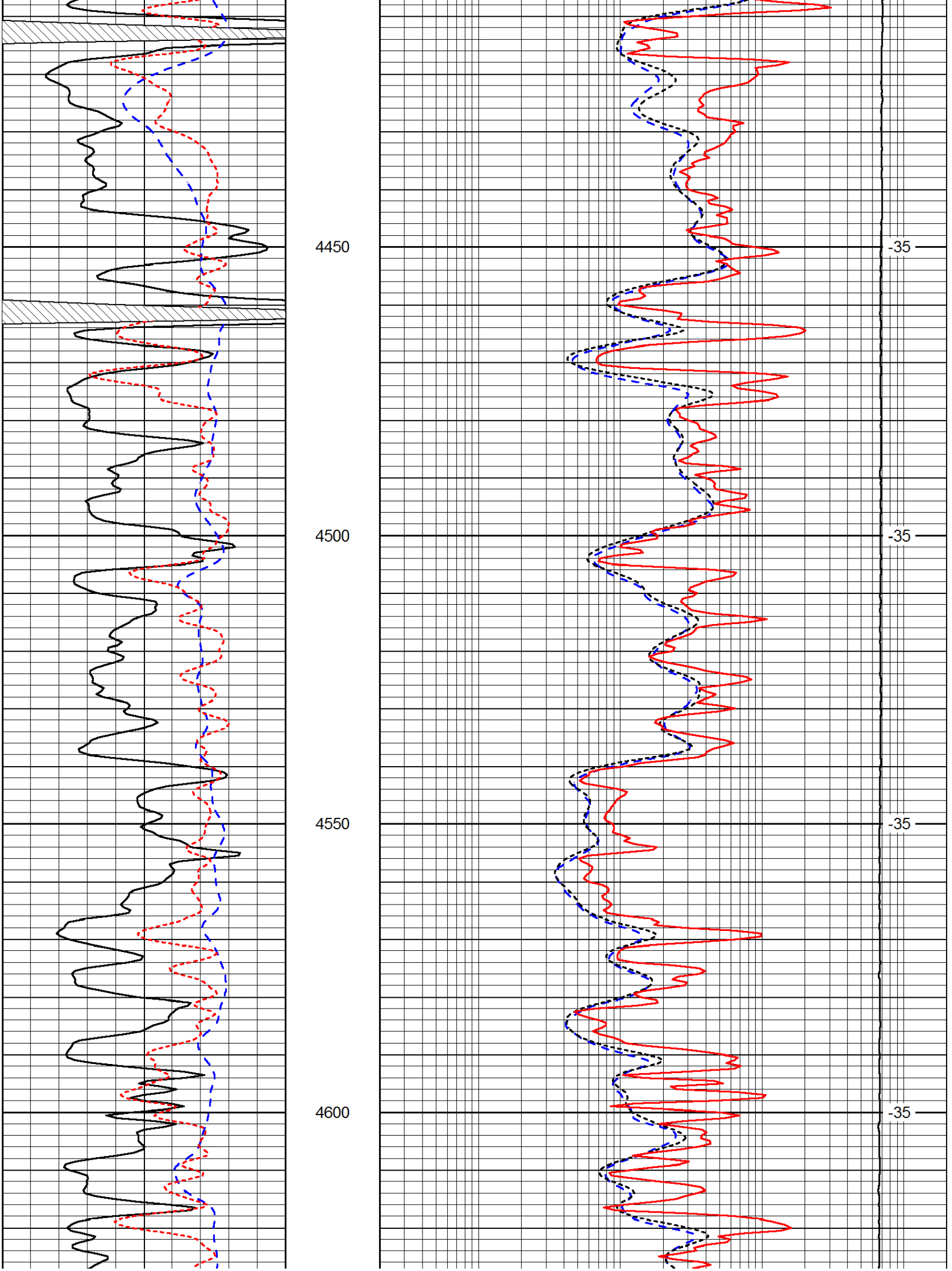


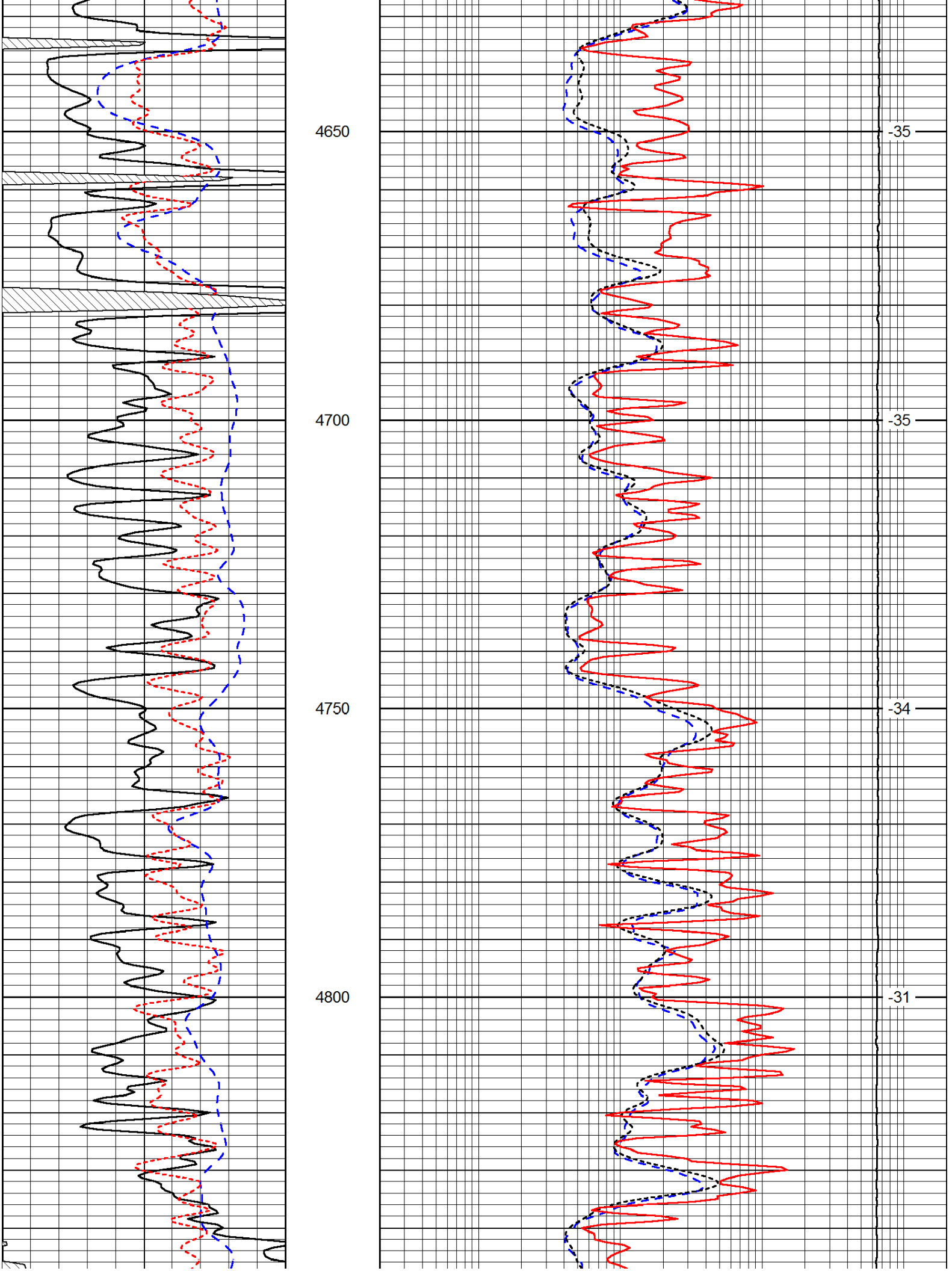
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Presentation Format: dil
Dataset Creation: Fri May 02 18:00:10 2014
Charted by: Depth in Feet scaled 1:240

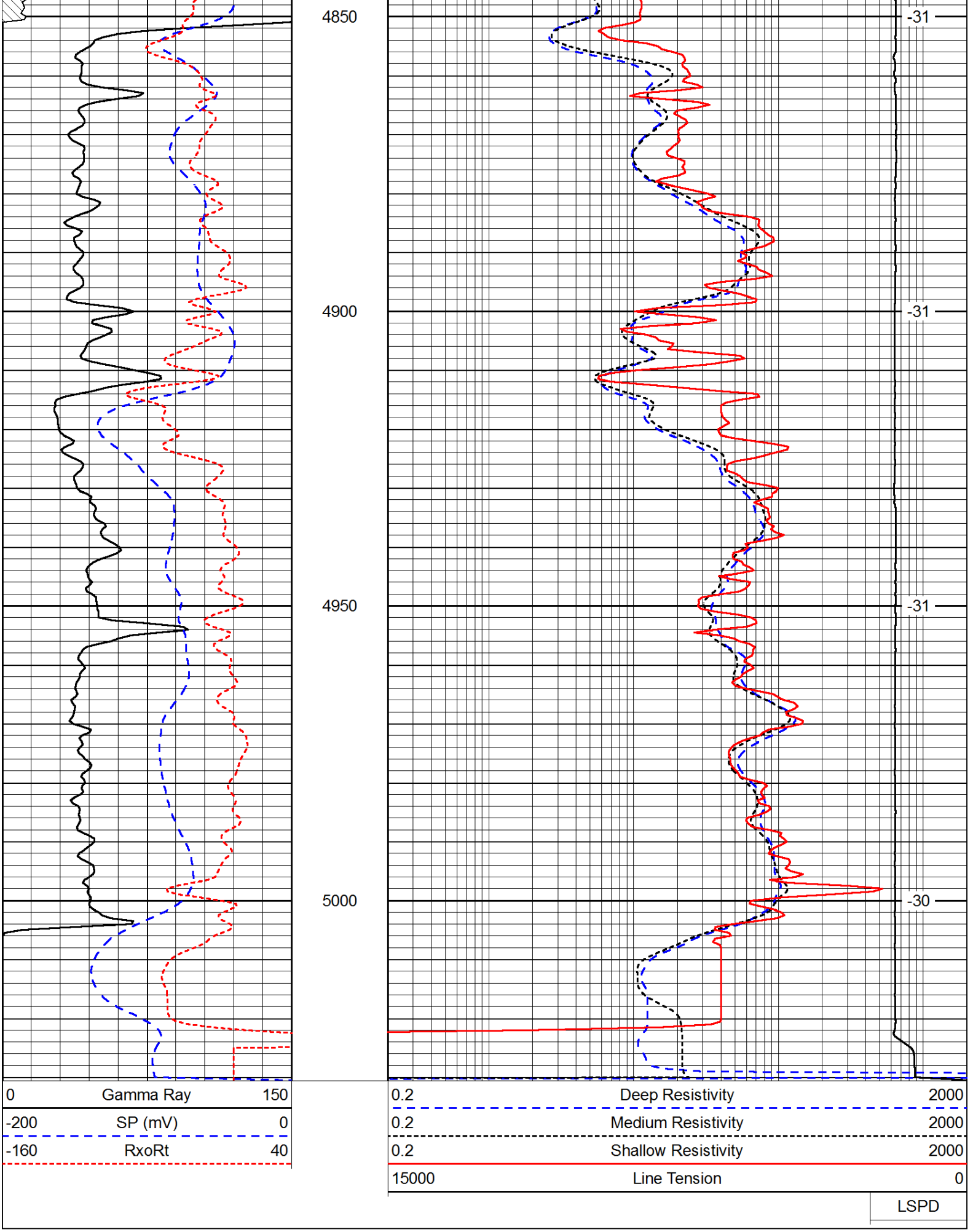



4000
4050
4100
4150
-33
-33
-33
-33


4200
4250
4300
4350
4400
-33
-33
-33
-33
-33


4450
4500
4550
4600
-35
-35
-35
-35


4650
4700
4750
4800
-35
-35
-34
-31


4850
4900
4950
5000
-31
-31
-31
-30
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