PIONEER

Pioneer Energy Services

Dual Induction Log

Company	American Warrior, Inc.
Well	Jenetta #3-14
Field	Chrif East
County	Ness State Kansas
API No.	15-135-25,702-00-00
Location	986' FSL & 1912' FEL
Sec: 14	Twp: 19S Rge: 25W
Permanent Datum	Ground Level Elevation 2378
Log Measured From	Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing

Other Services: CNL/CDL, MEL

Elevation: K.B. 2389, D.F. , G.L. 2378

Date	11/27/2013		
Run Number	One		
Depth Driller	4525		
Depth Logger	4528		
Bottom Logged Interval	4527		
Top Log Interval	200		
Casing Driller	8.625 @ 229		
Casing Logger	229		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	3400		
Density / Viscosity	9.45 57		
pH / Fluid Loss	10.5 8.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.60 @ 44		
Rmf @ Meas. Temp	0.45 @ 44		
Rmc @ Meas. Temp	0.81 @ 44		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.22 @ 121		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	121		
Equipment Number	15		
Location	Hays		
Recorded By	D.Kerr		
Witnessed By	Kevin Timson		

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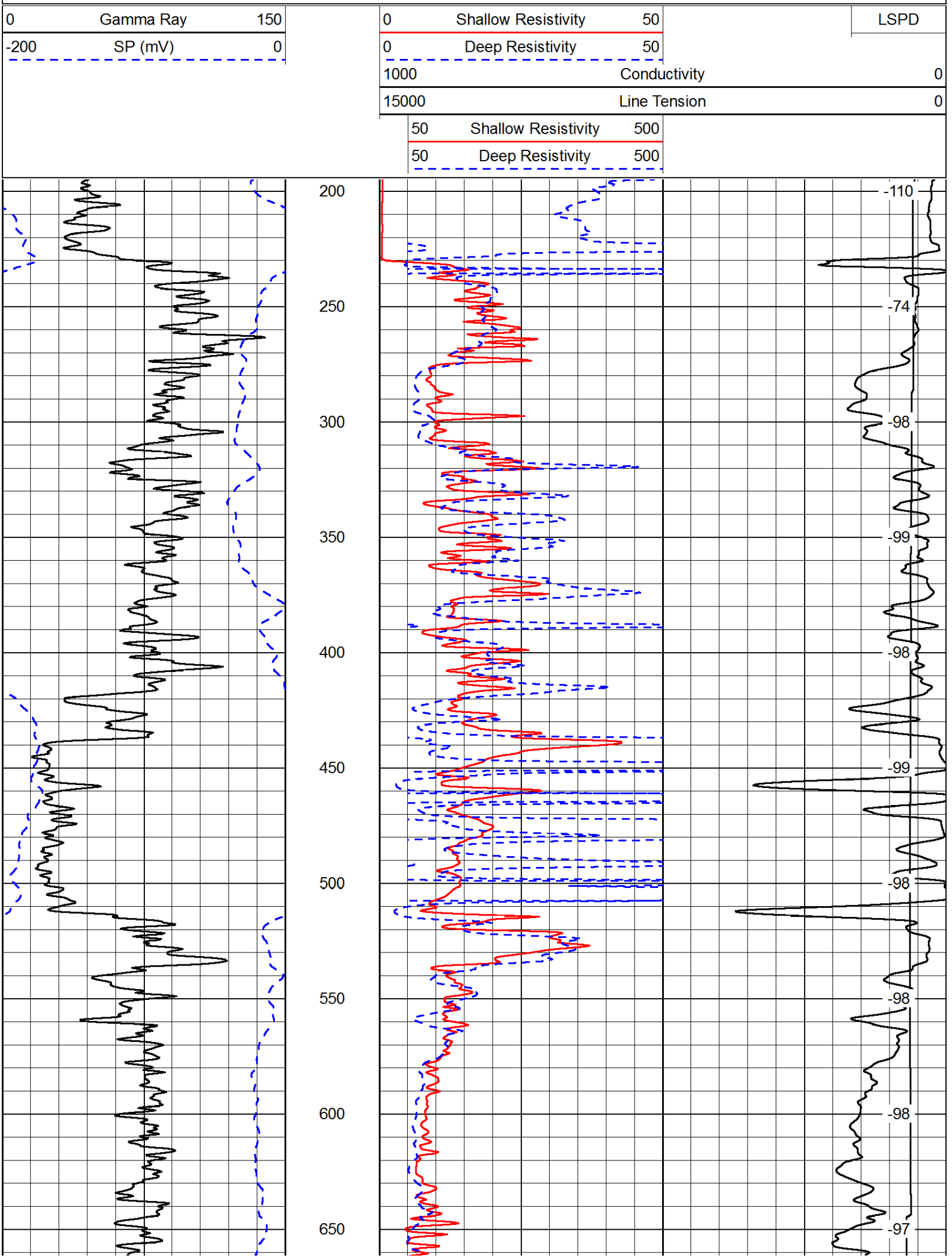
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

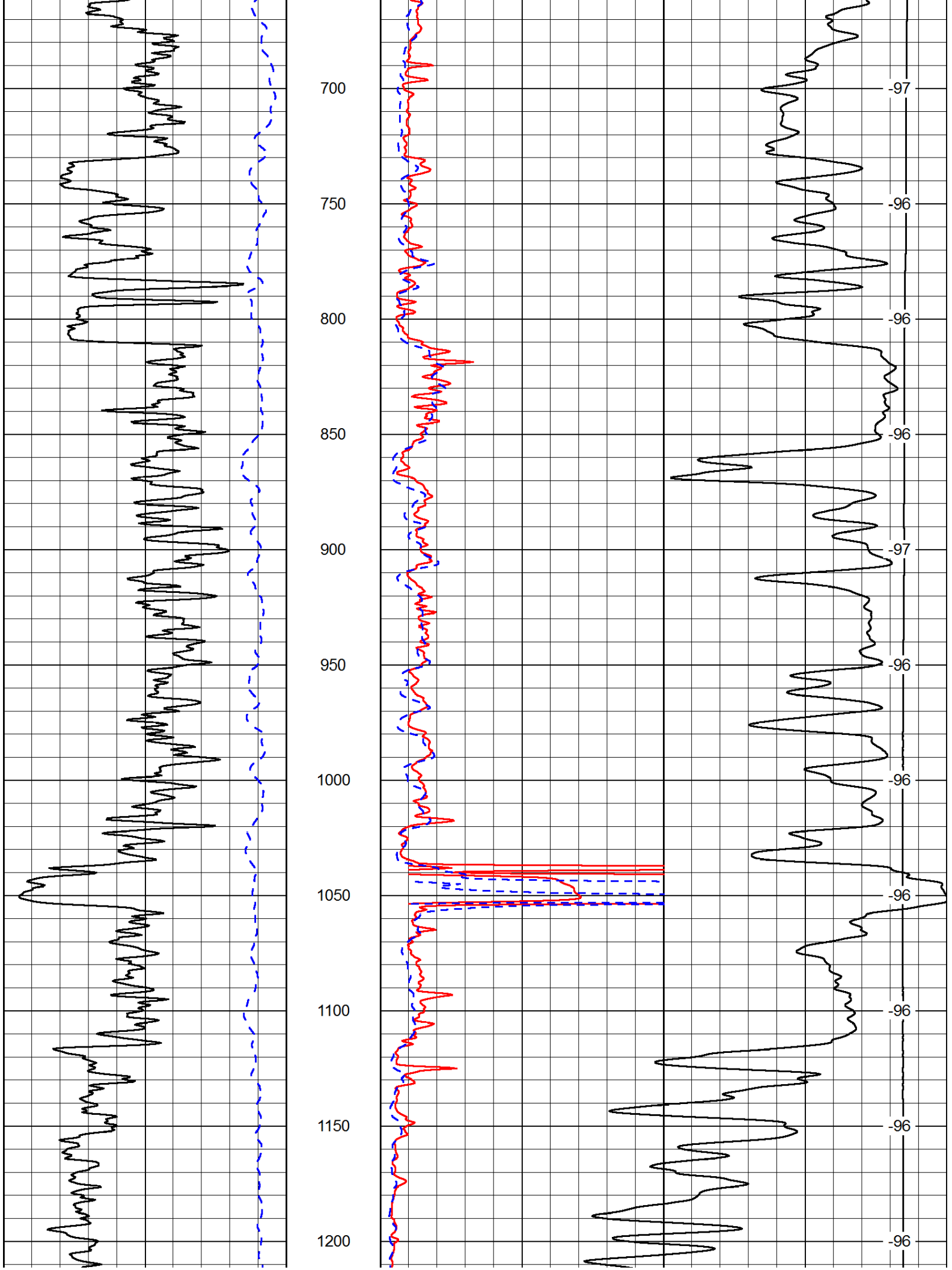
Comments

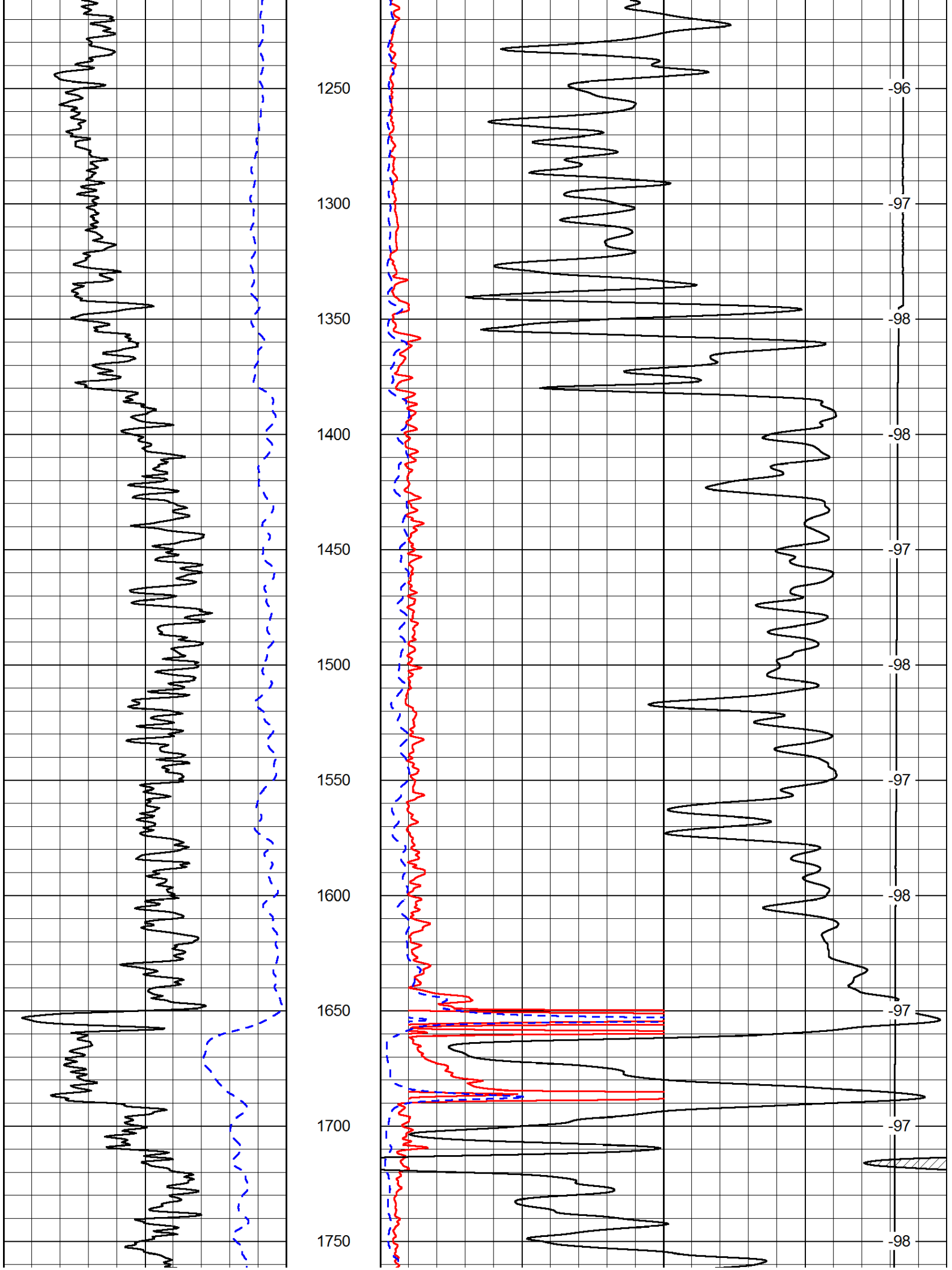
Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858

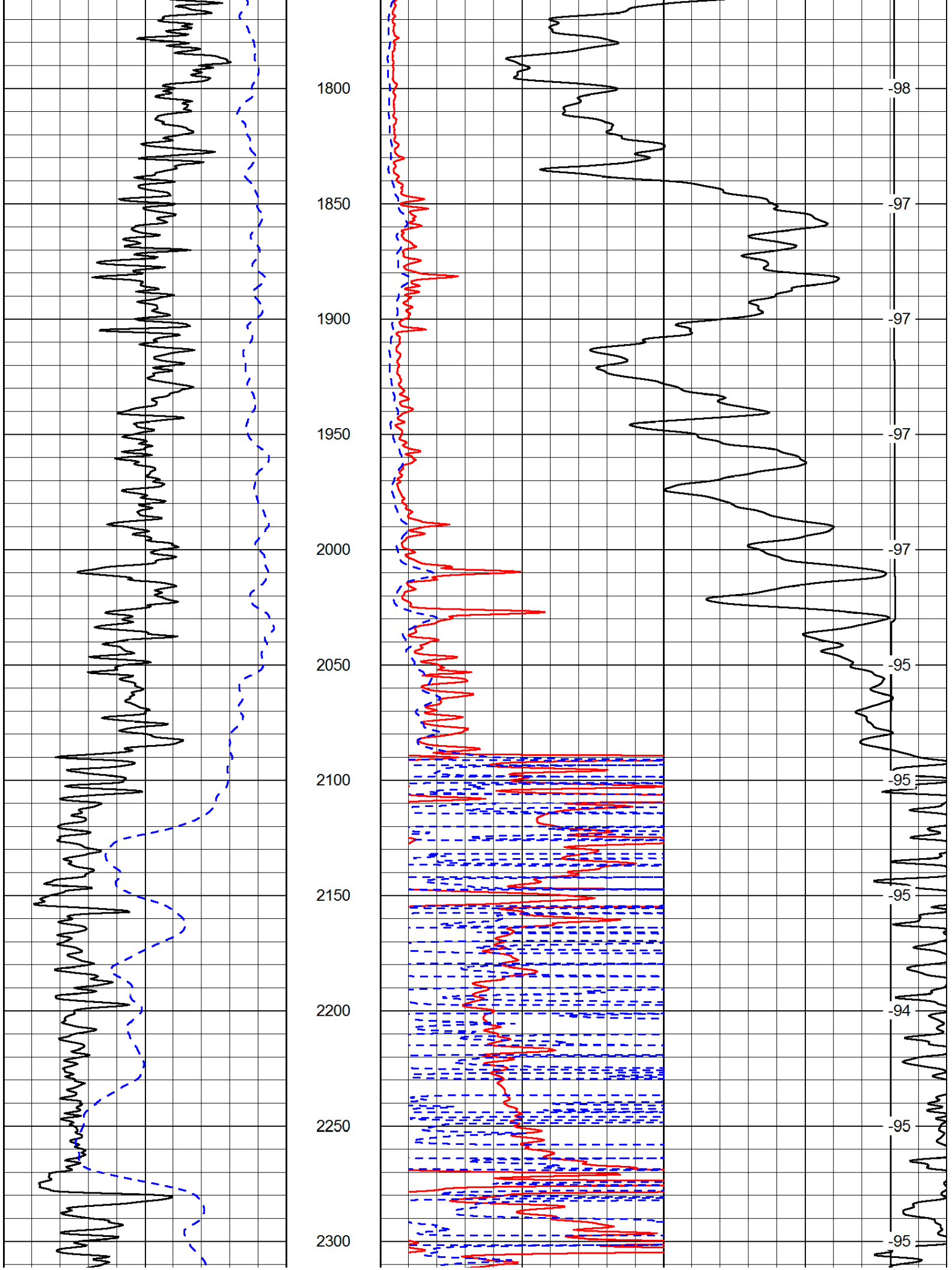
Ness City KS, West to J RD,
3 South, 1/2 West, South Into

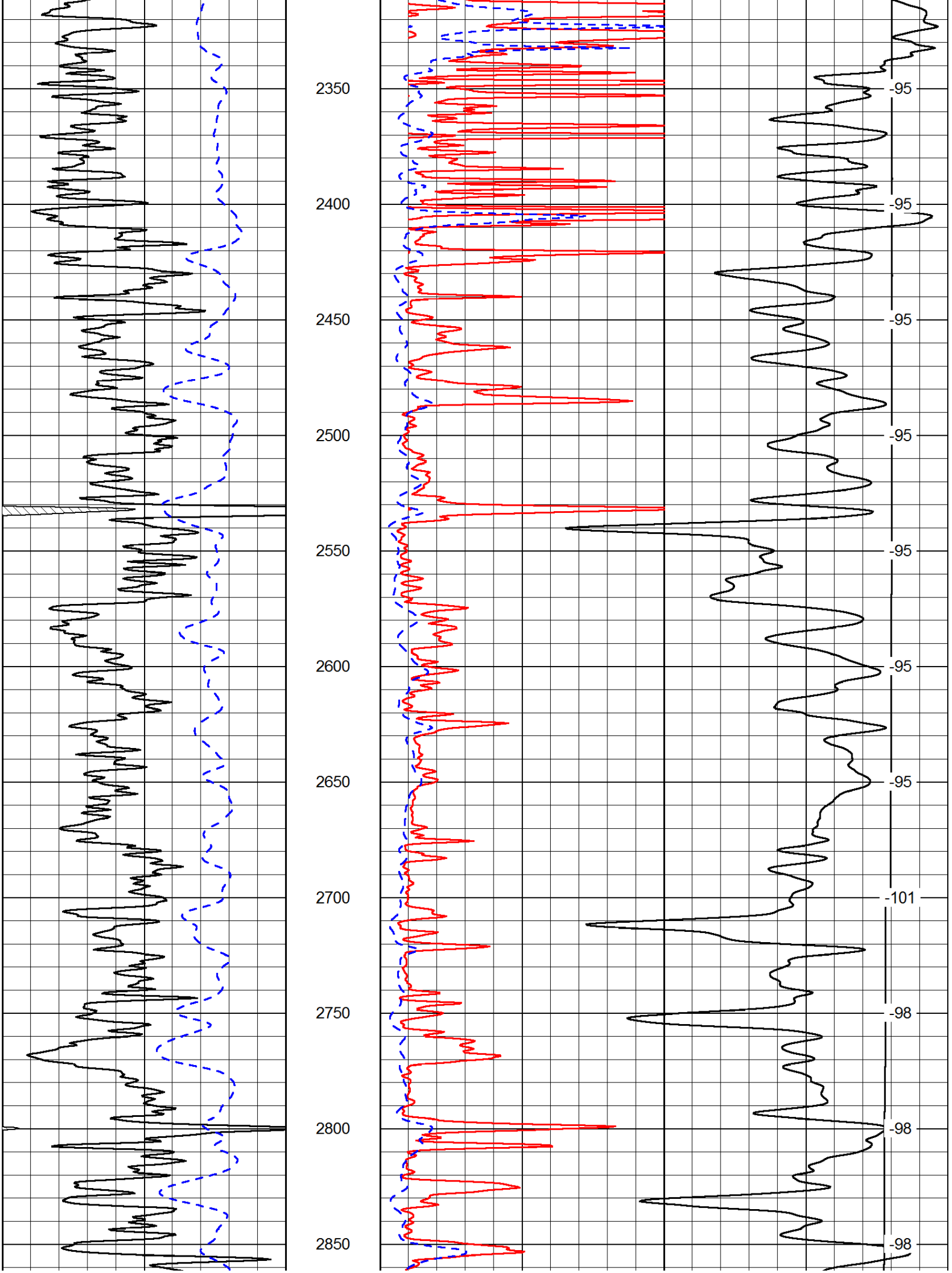
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Presentation Format:	dil2in
Dataset Creation:	Wed Nov 27 06:21:14 2013
Charted by:	Depth in Feet scaled 1:600

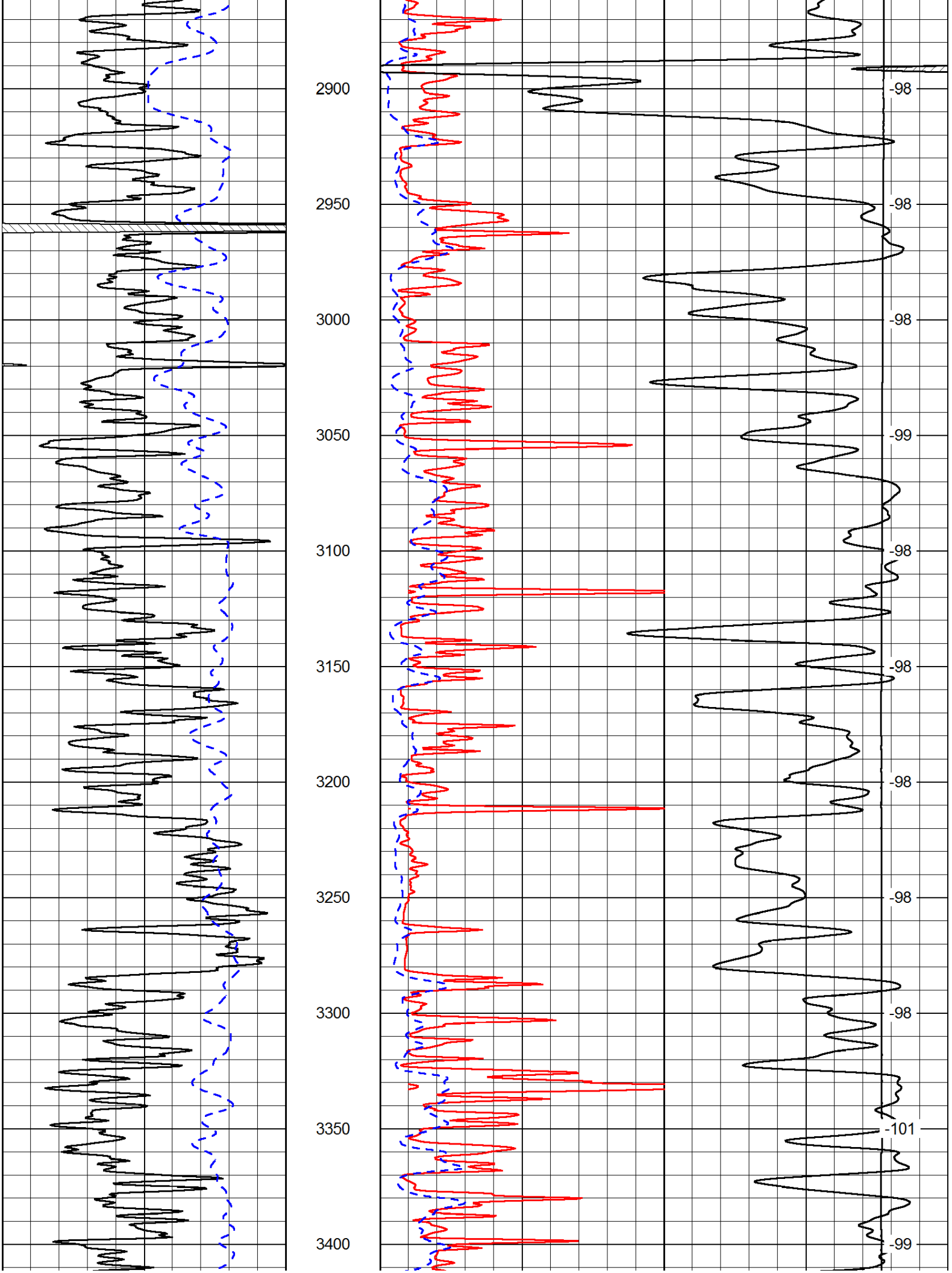

0 Gamma Ray 150
-200 SP (mV) 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
1000 Conductivity 0
15000 Line Tension 0
50 Shallow Resistivity 500
50 Deep Resistivity 500
LSPD
200
250
300
350
400
450
500
550
600
650
-110
-74
-98
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-98
-98
-98
-97

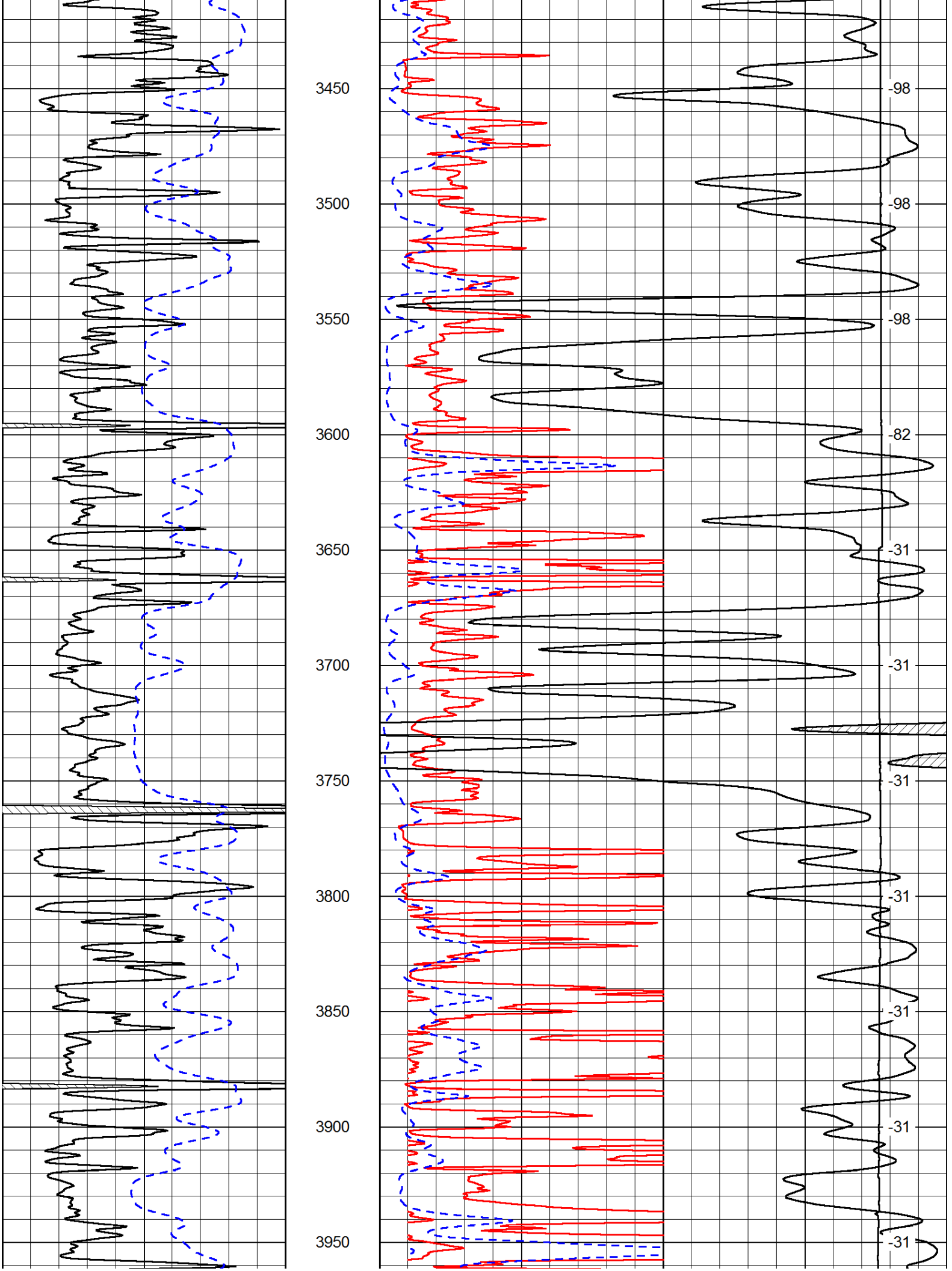

700
750
800
850
900
950
1000
1050
1100
1150
1200
-97
-96
-96
-96
-97
-96
-96
-96
-96
-96

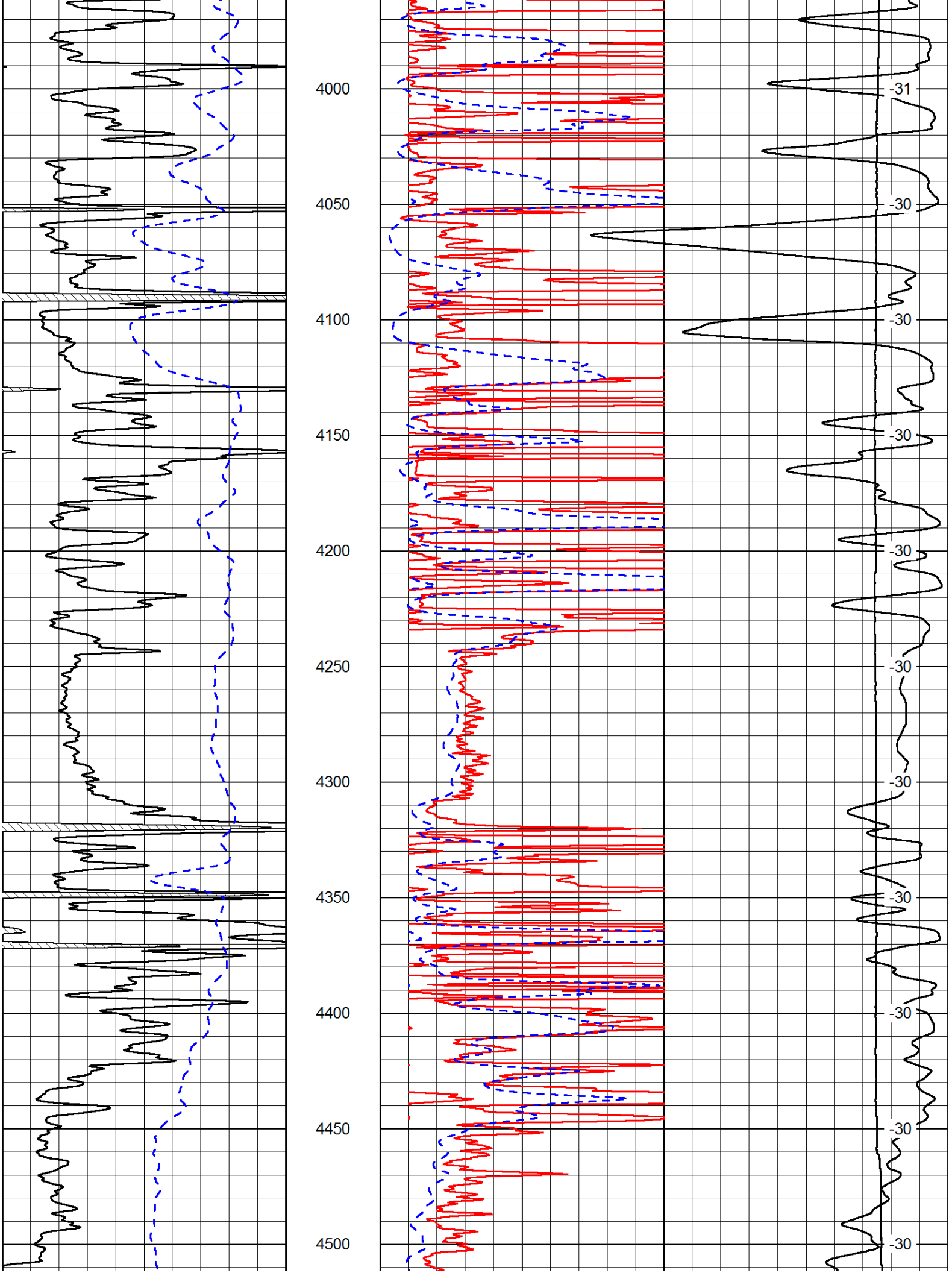

1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
-96
-97
-98
-98
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-97
-98
-97
-97
-98

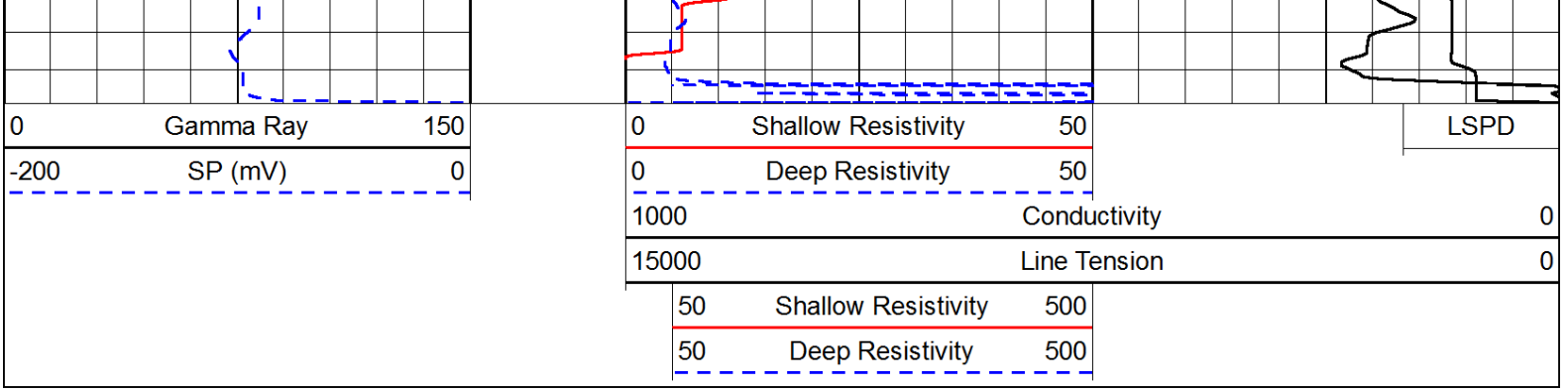

1800
1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
-98
-97
-97
-97
-97
-95
-95
-95
-94
-95
-95


2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850
-95
-95
-95
-95
-95
-95
-101
-98
-98
-98

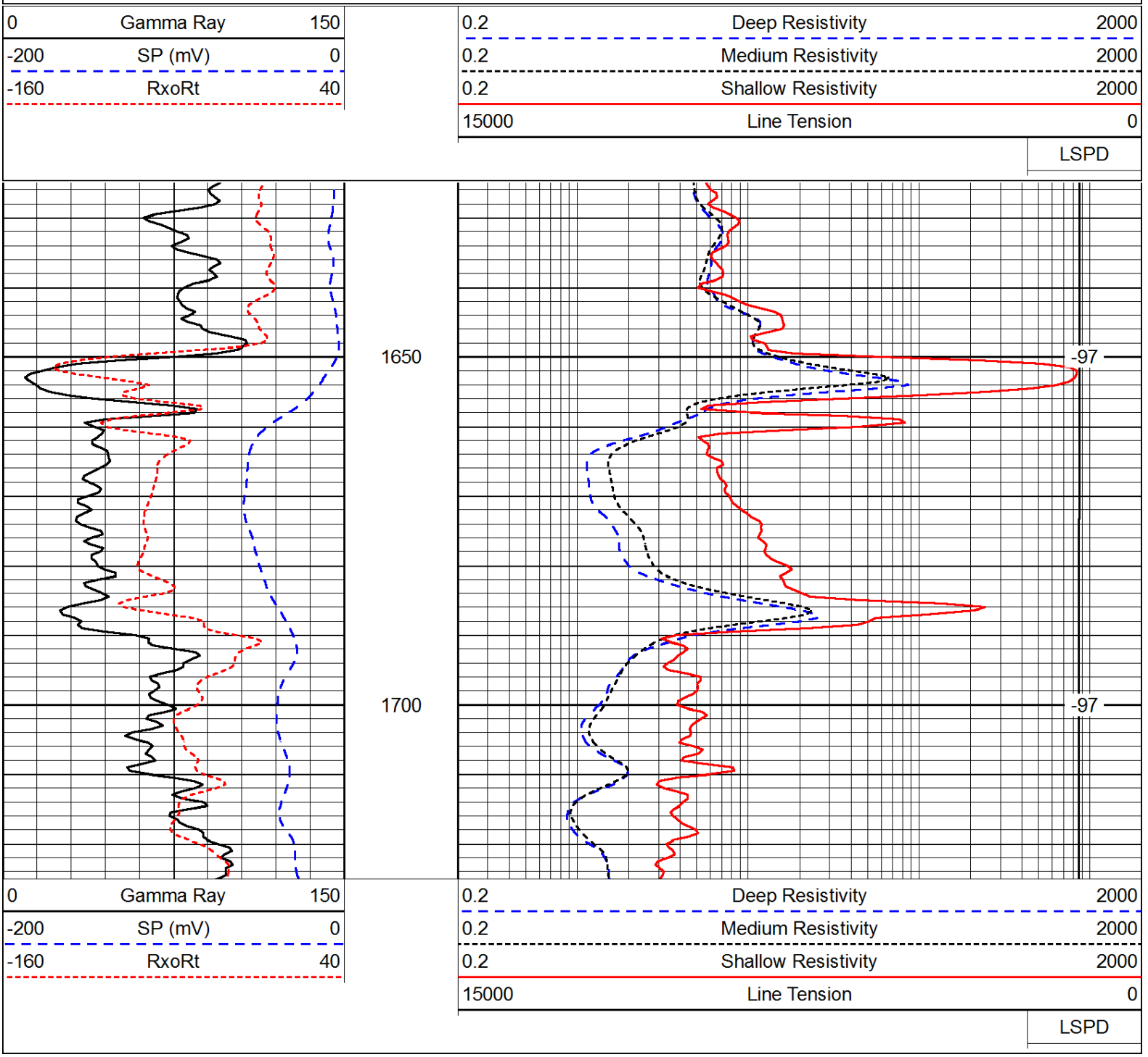

2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400
-98
-98
-98
-99
-98
-98
-98
-98
-101
-99


3450
3500
3550
3600
3650
3700
3750
3800
3850
3900
3950
-98
-98
-98
-82
-31
-31
-31
-31
-31
-31
-31


4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
-31
-30
-30
-30
-30
-30
-30
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-30
-30



Database File: c:\warrior\data\amwar_jenetta #3-14\amwarrior_jenetta_3_14hd.db
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Presentation Format: dil
Dataset Creation: Wed Nov 27 06:21:14 2013
Charted by: Depth in Feet scaled 1:240

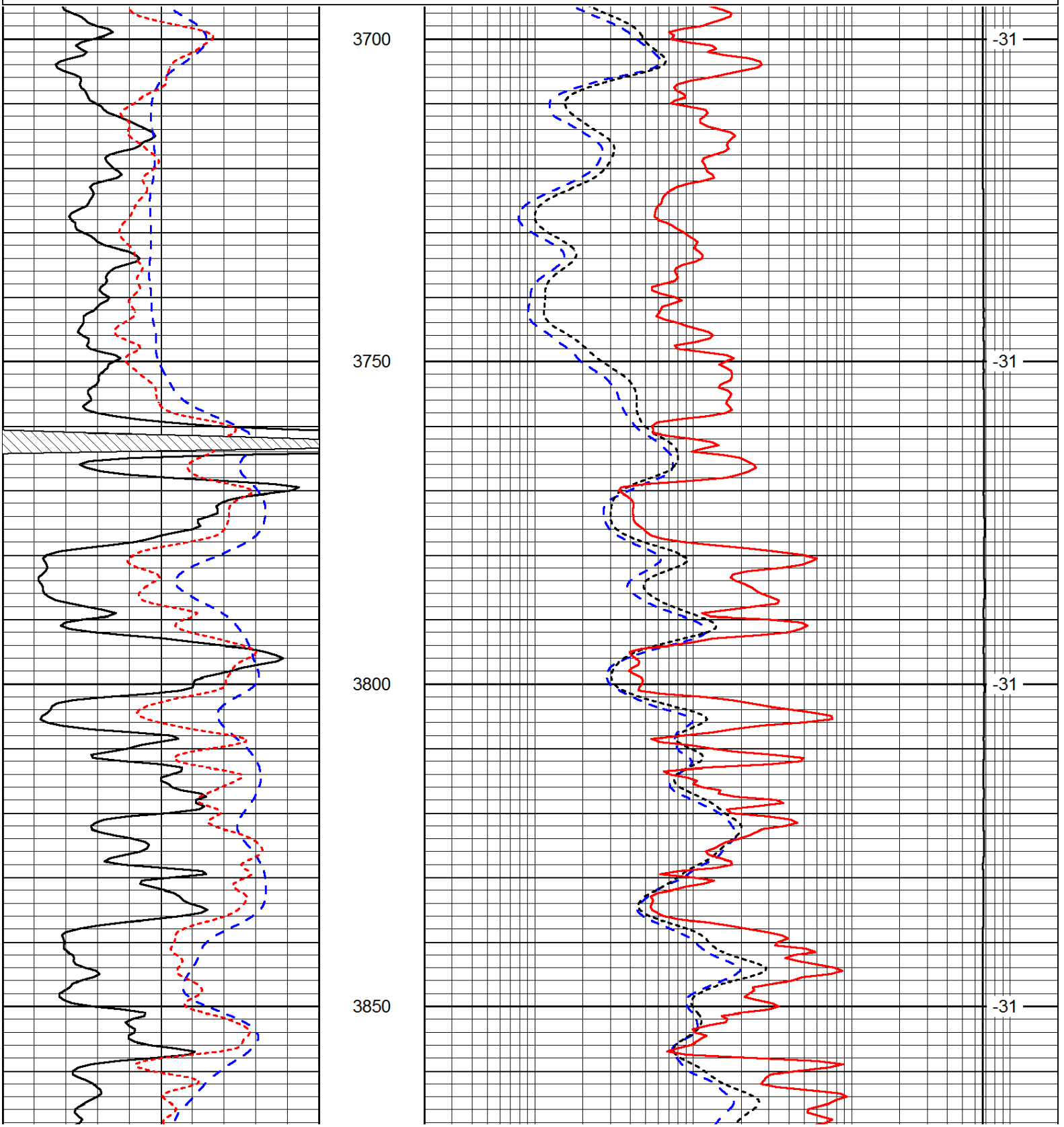


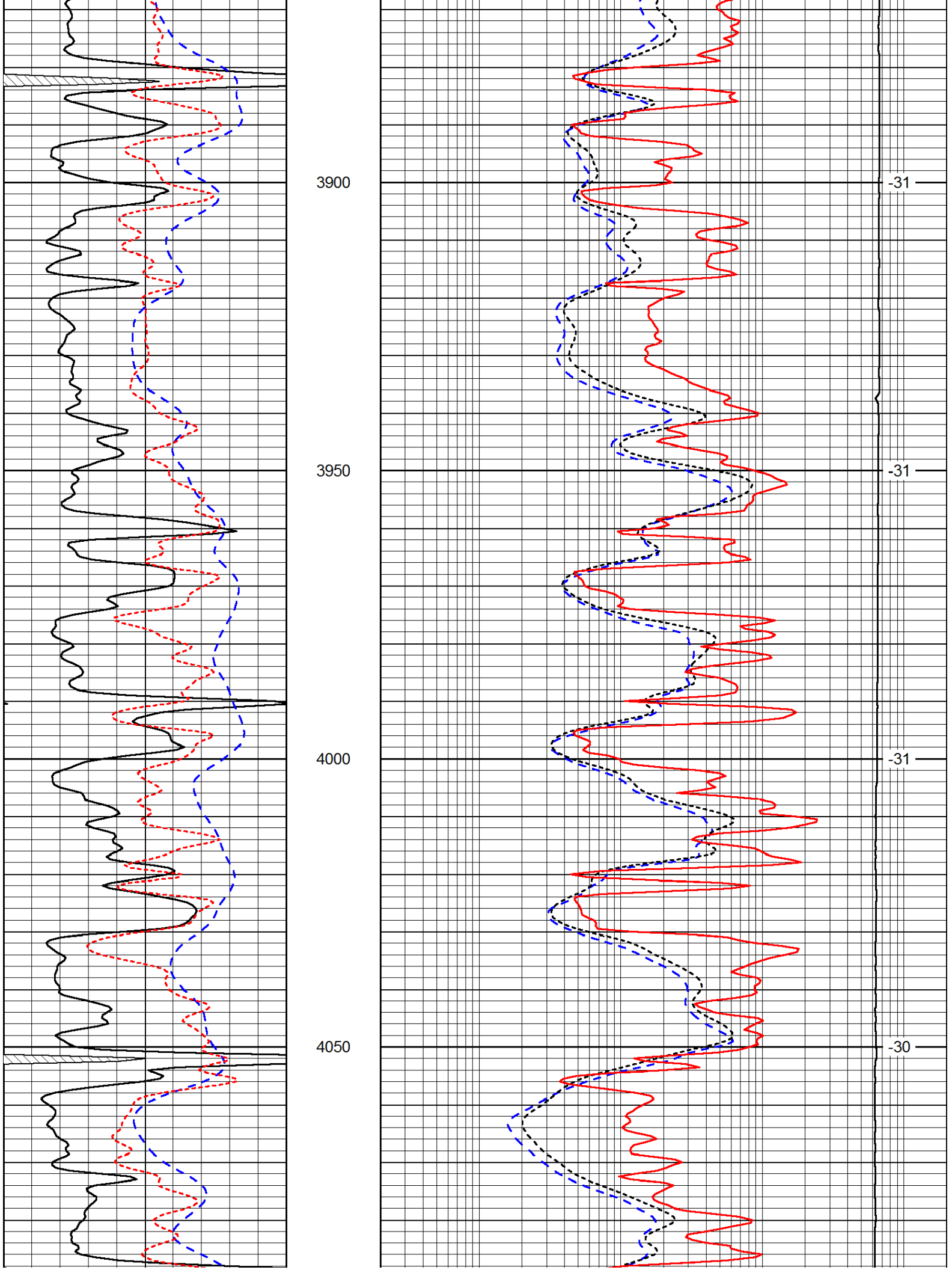
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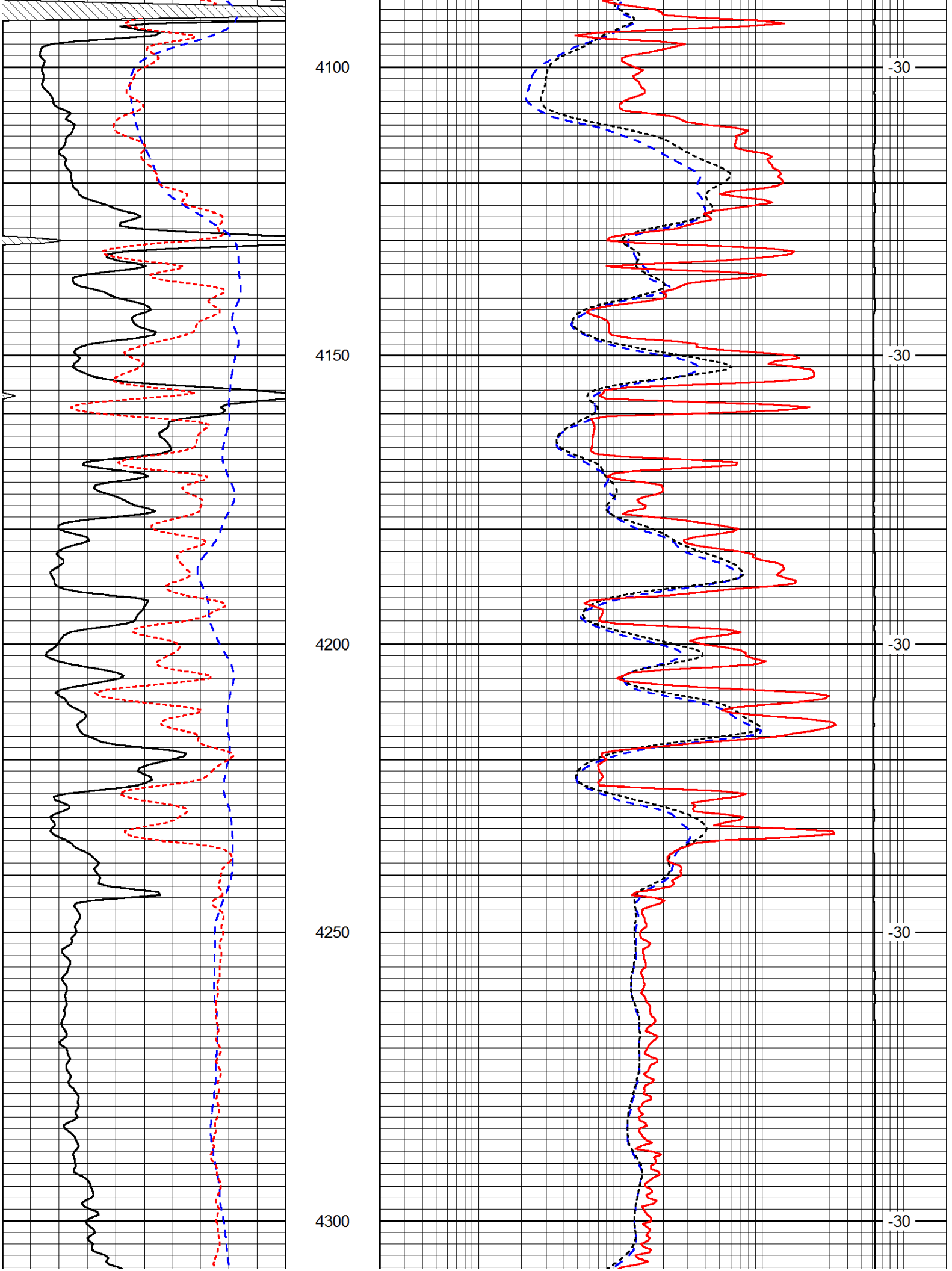
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-200	SP (mV)	0
-160	RxoRt	40

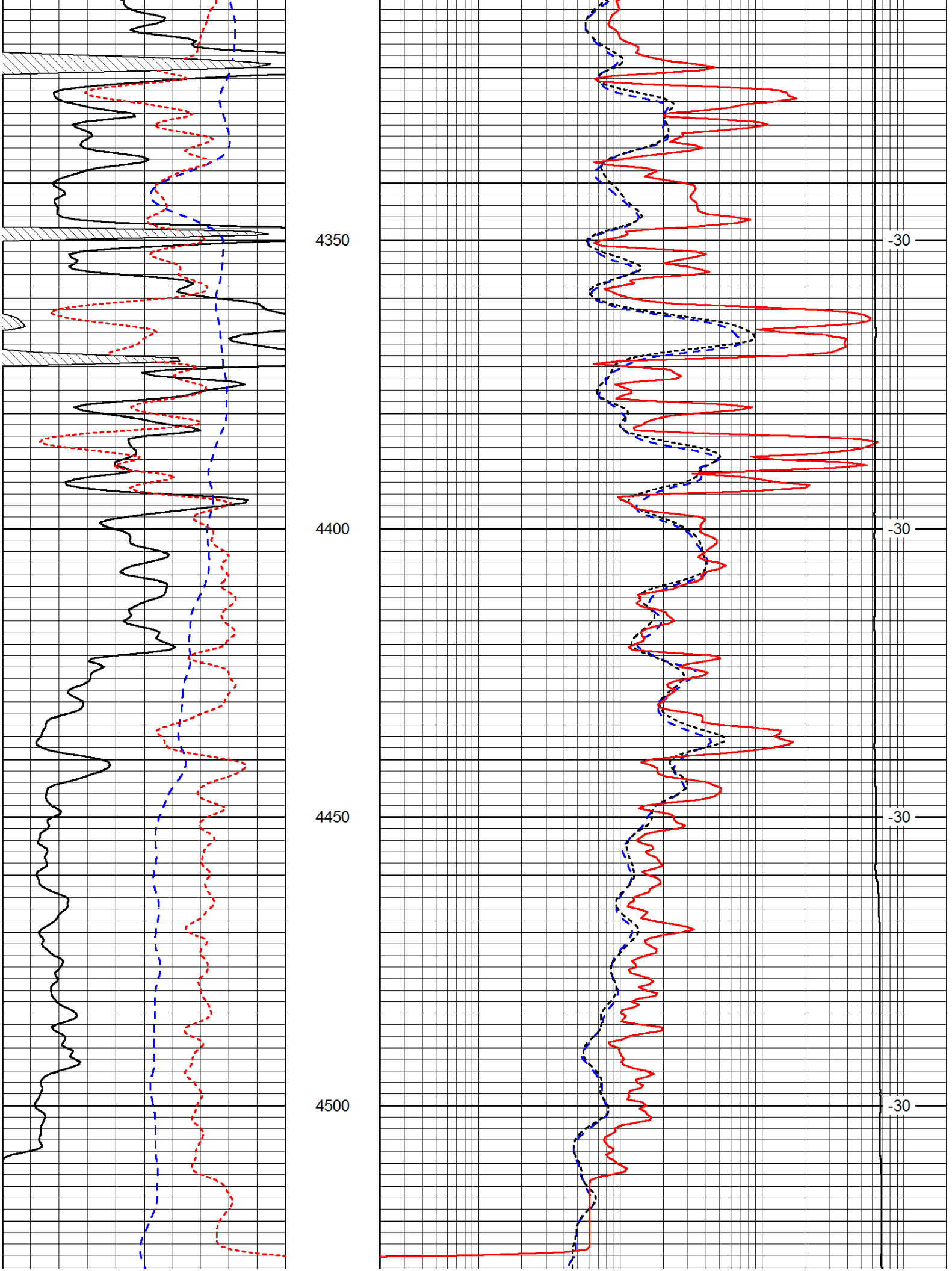
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

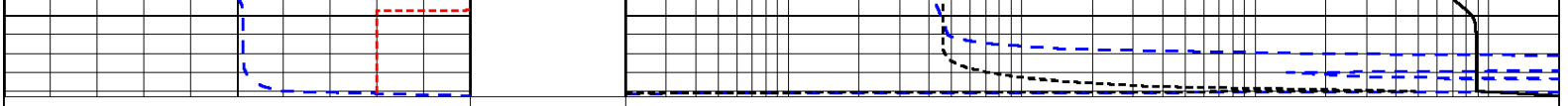
LSPD




3900
3950
4000
4050
-31
-31
-31
-30


4100
4150
4200
4250
4300
-30
-30
-30
-30
-30


4350
4400
4450
4500
-30
-30
-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