PIONEER

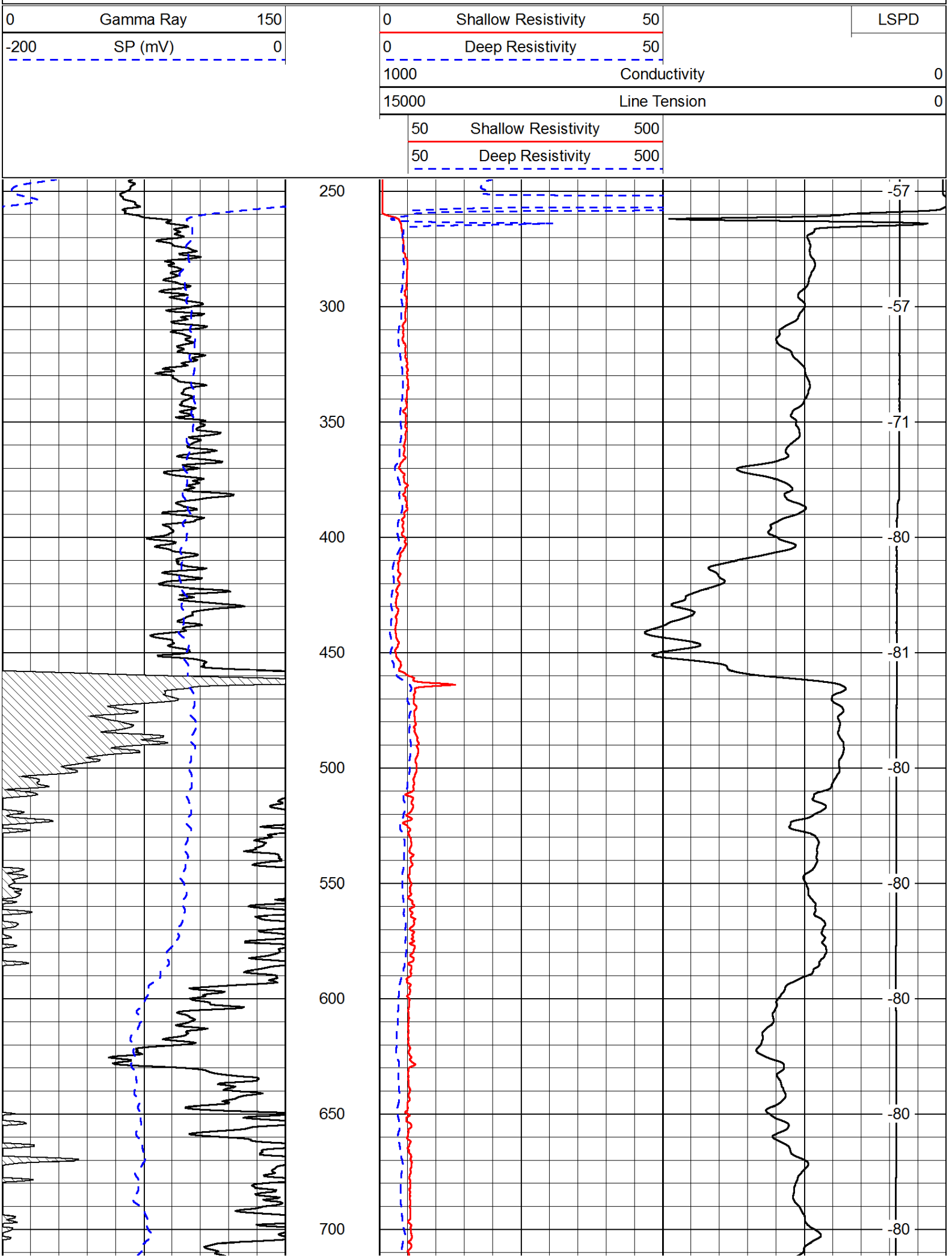
Pioneer Energy Services

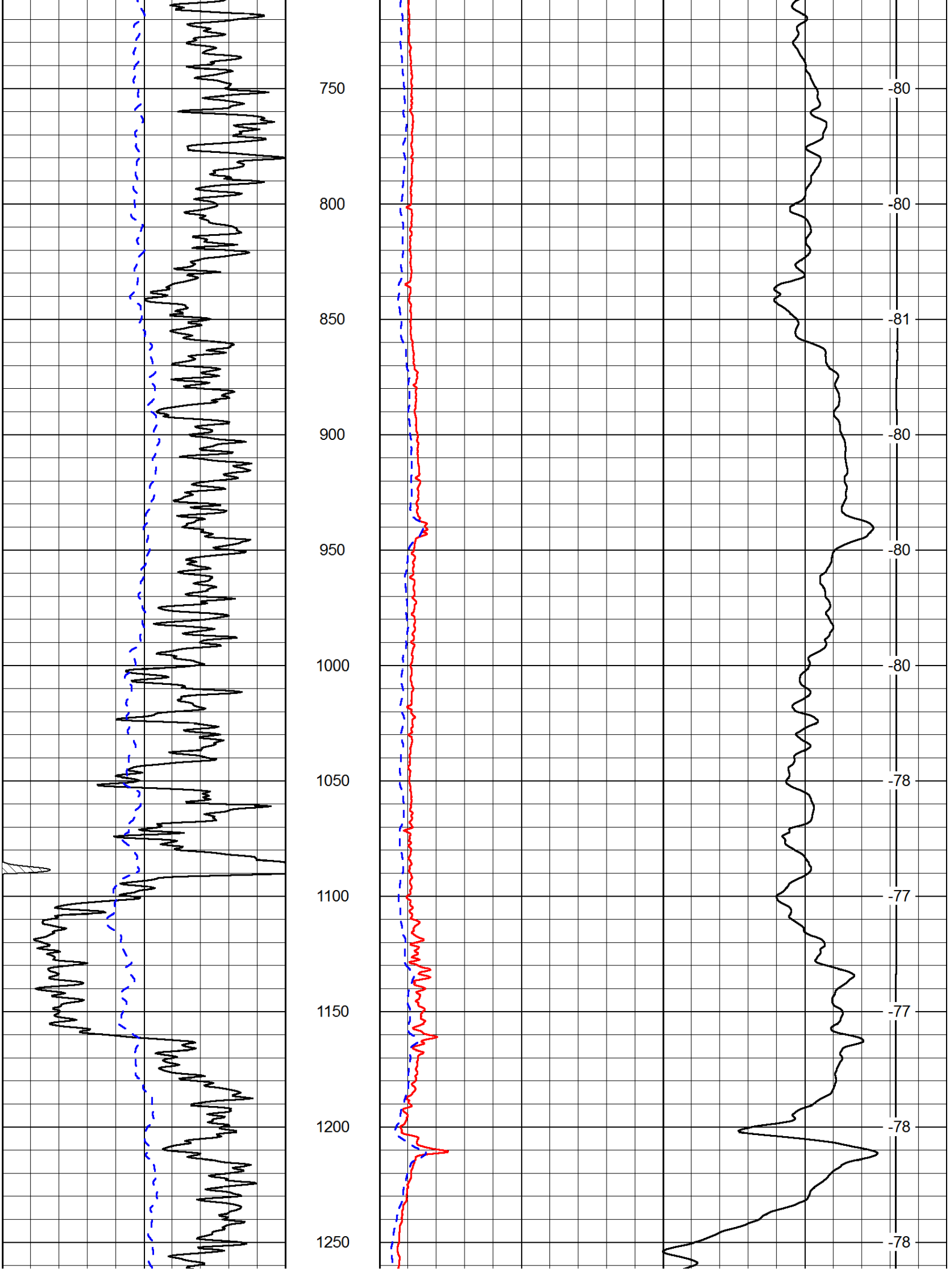
Dual Induction Log

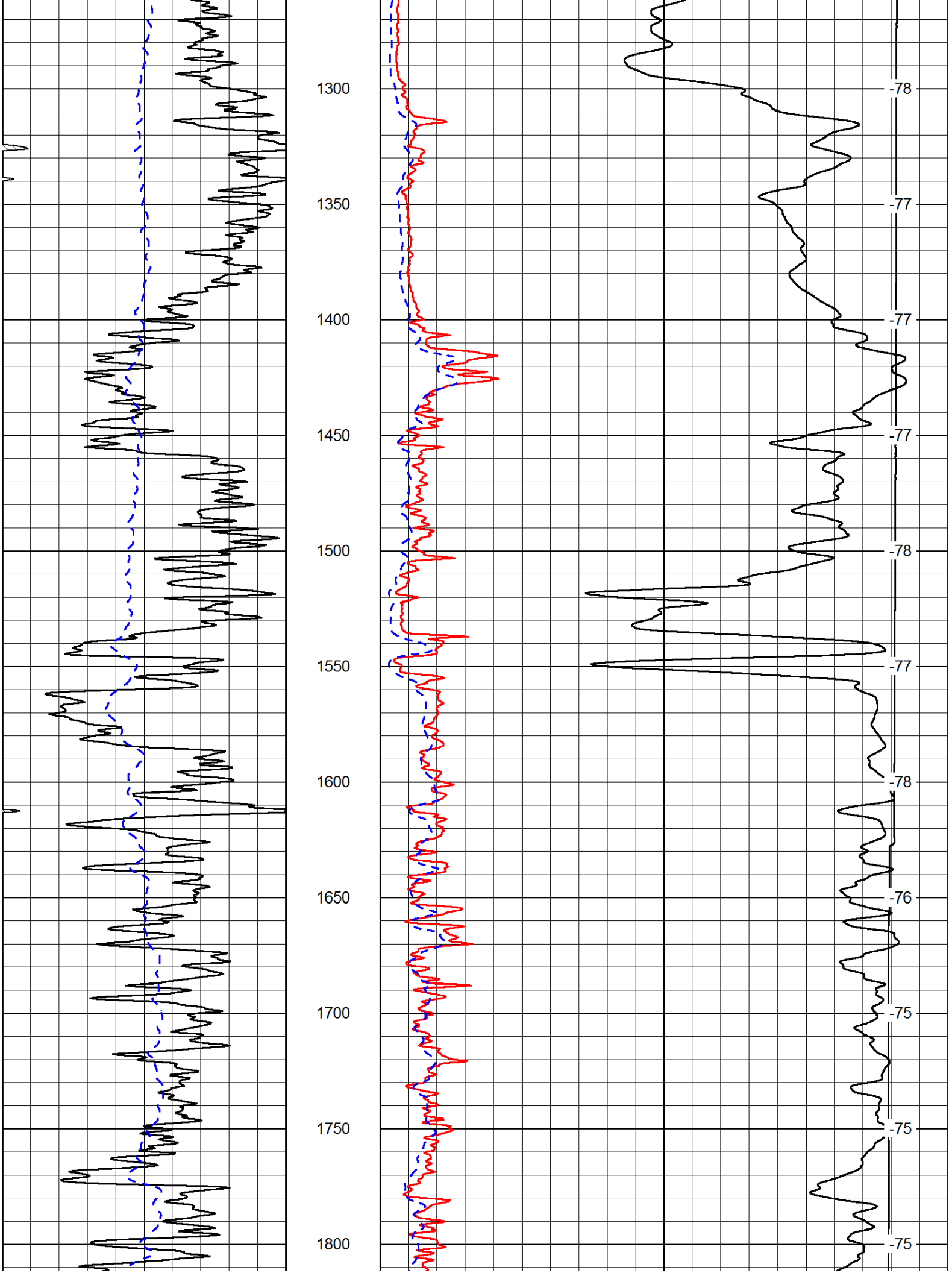
Company	Carmen Schmitt, Inc.
Well	Depe #1-12
Field	Wildcat
County	Thomas
State	Kansas
API No.	15-193-20,930-00-00
Location	SE SW NE NW 1212' FNL & 1663' FWL
	Sec: 12 Twp: 7S Rge: 32W
Permanent Datum	Ground Level
Log Measured From	Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing

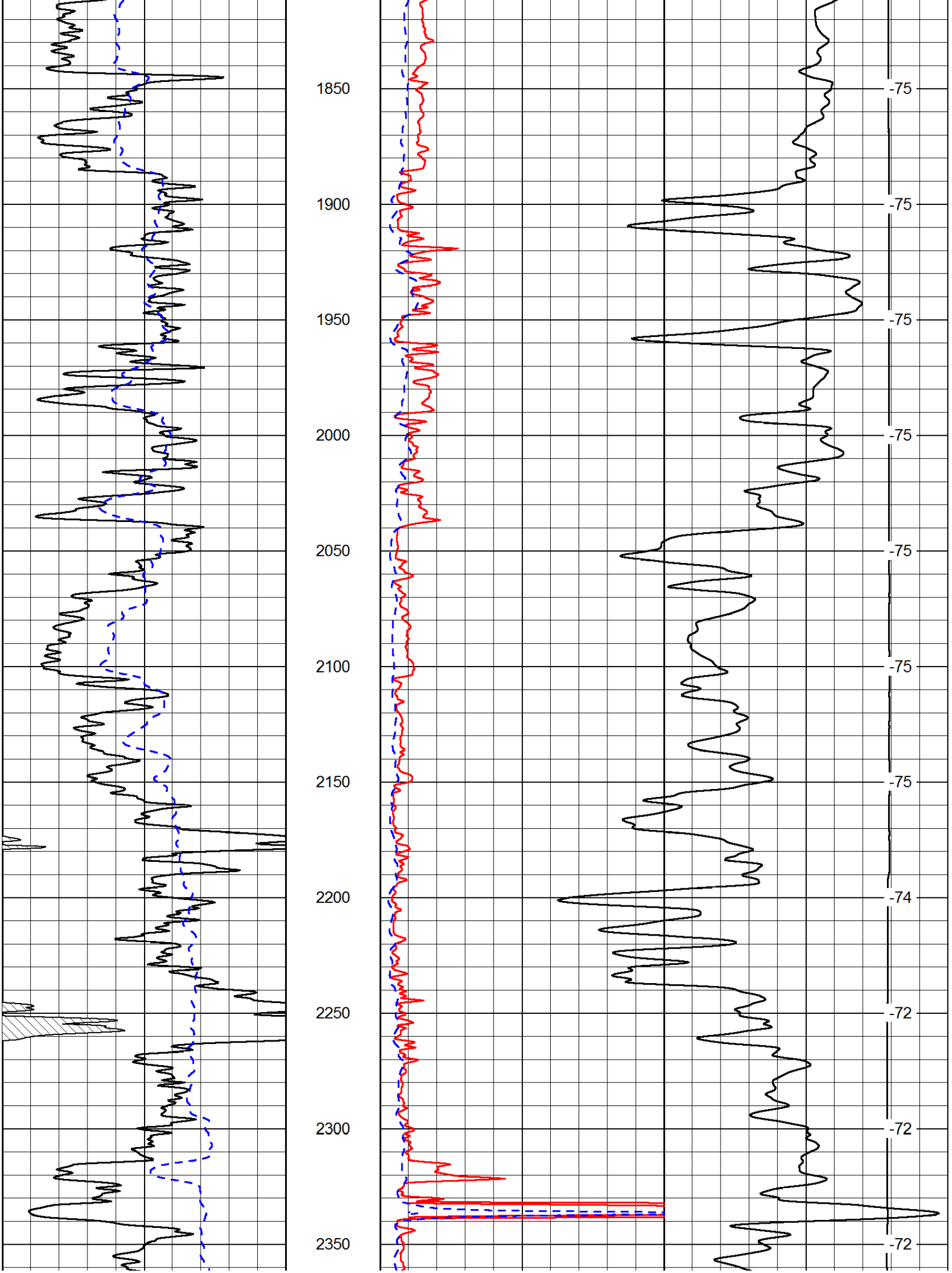
Other Services	Elevation	
CNL/CDL	K.B.	2996
MEL/BHCS	D.F.	
	G.L.	2991

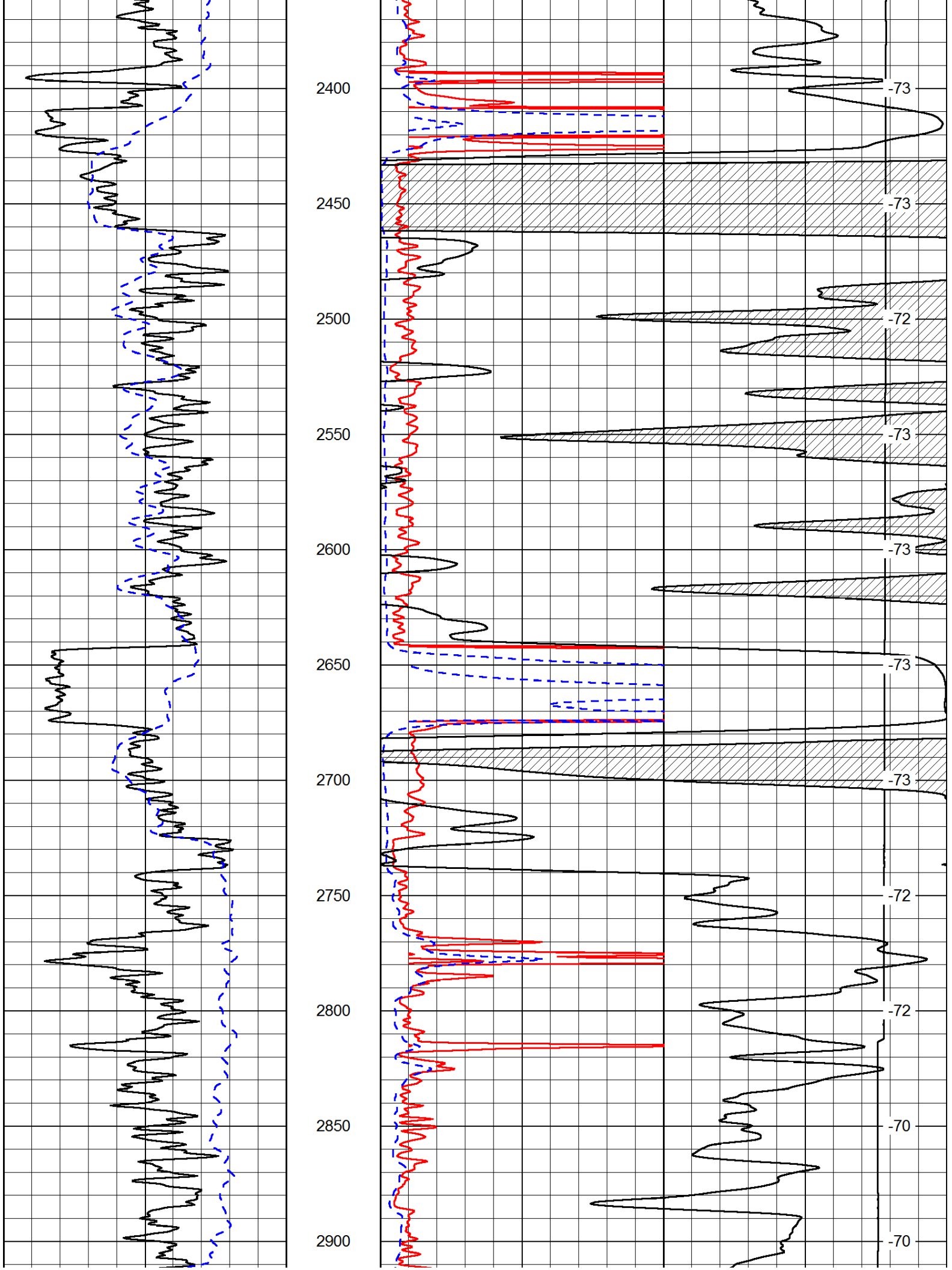
| | | |

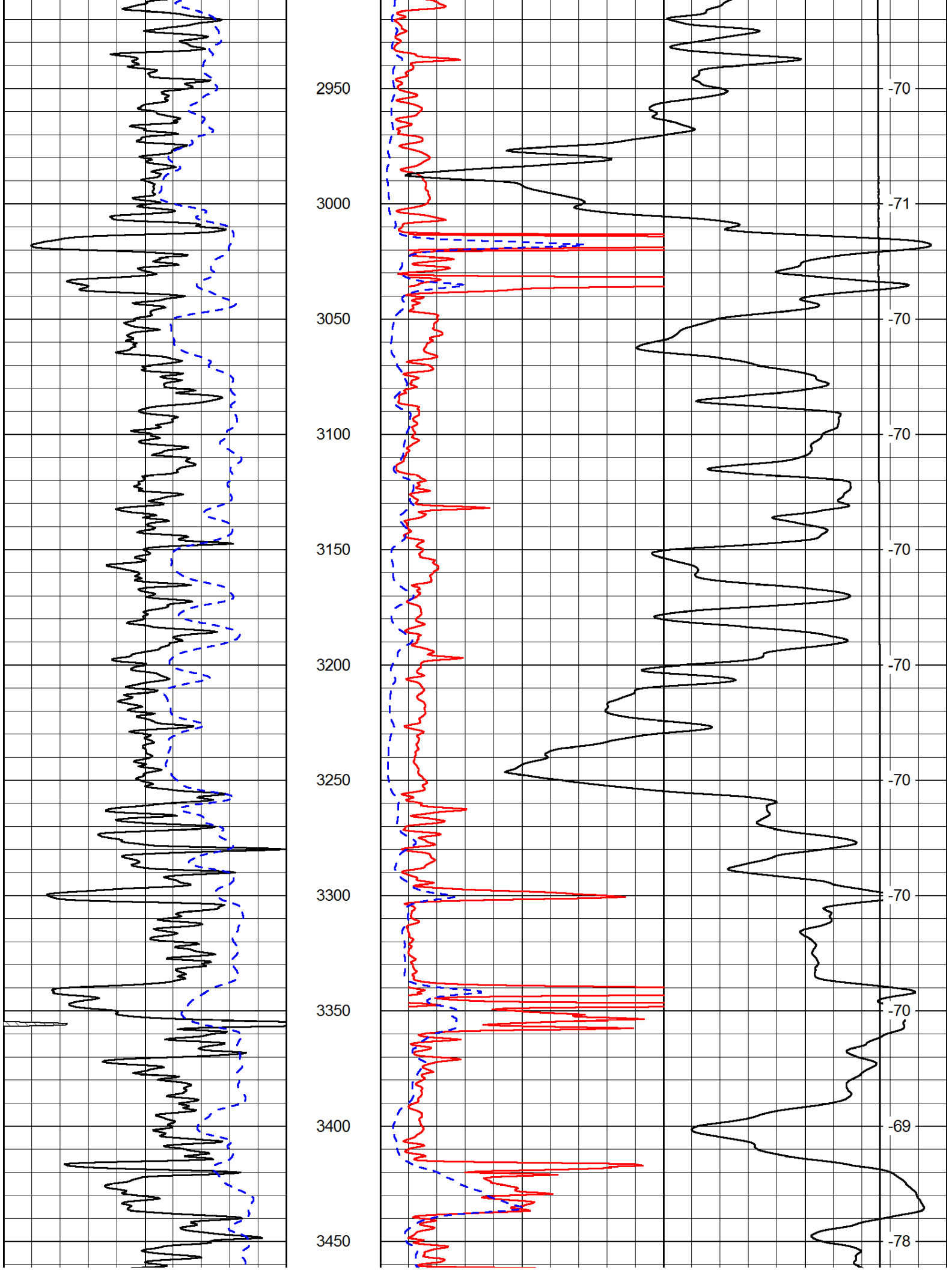

0 Gamma Ray 150
-200 SP (mV) 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
1000 Conductivity 0
15000 Line Tension 0
50 Shallow Resistivity 500
50 Deep Resistivity 500
LSPD
250
300
350
400
450
500
550
600
650
700
-57
-57
-71
-80
-81
-80
-80
-80
-80
-80

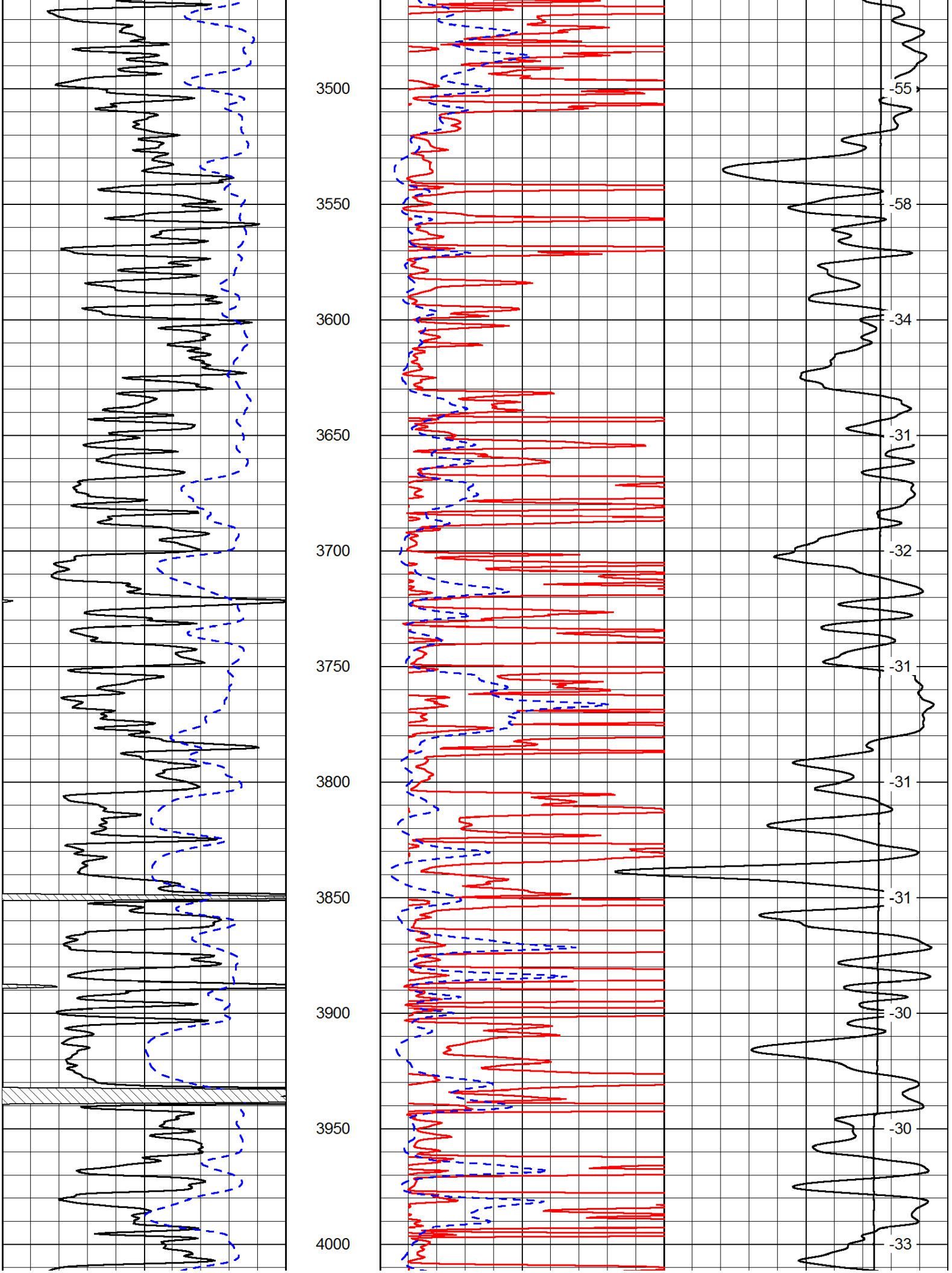

750
800
850
900
950
1000
1050
1100
1150
1200
1250
-80
-80
-81
-80
-80
-80
-78
-77
-77
-78
-78

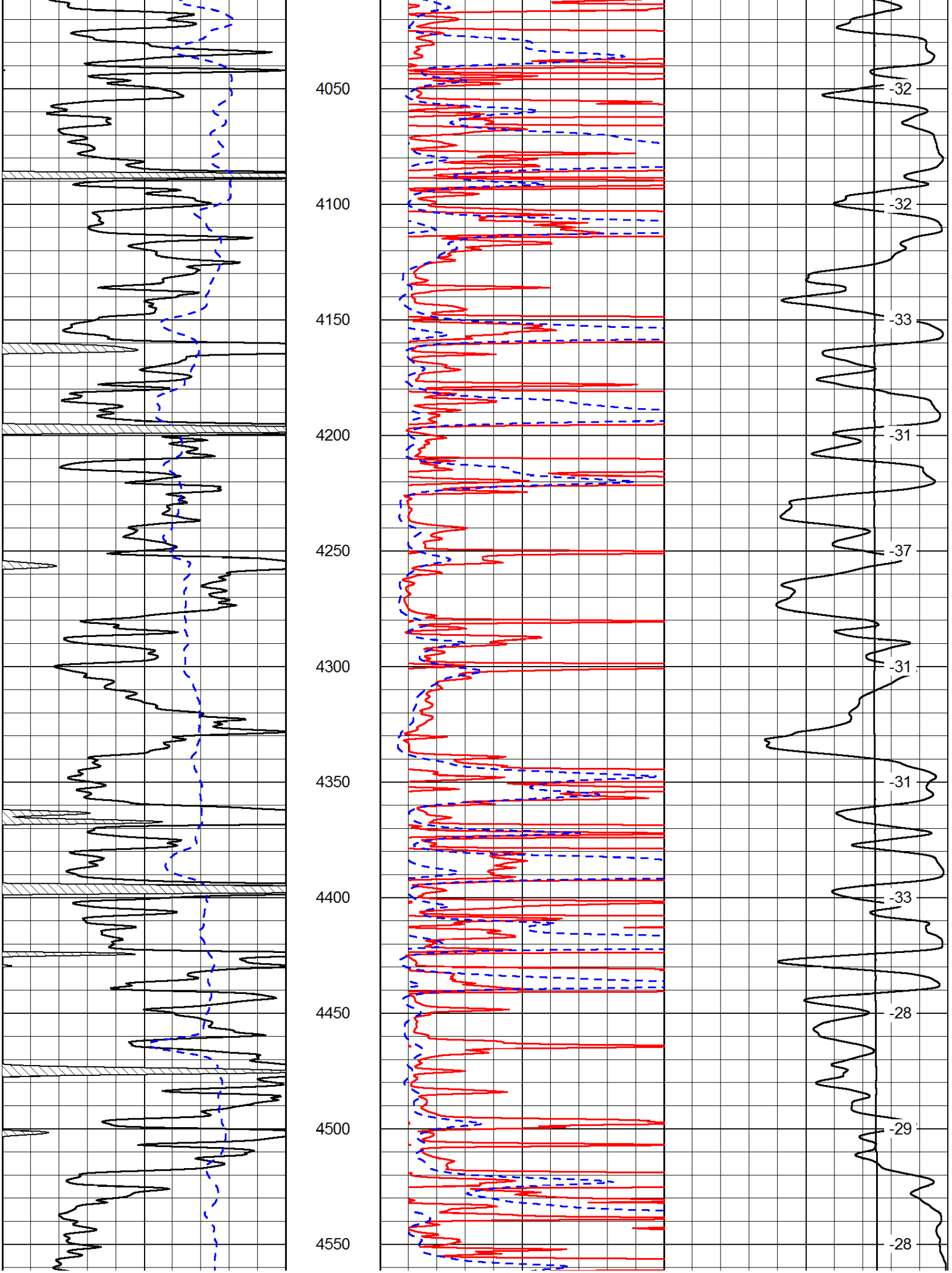

1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
-78
-77
-77
-77
-78
-77
-78
-76
-75
-75
-75

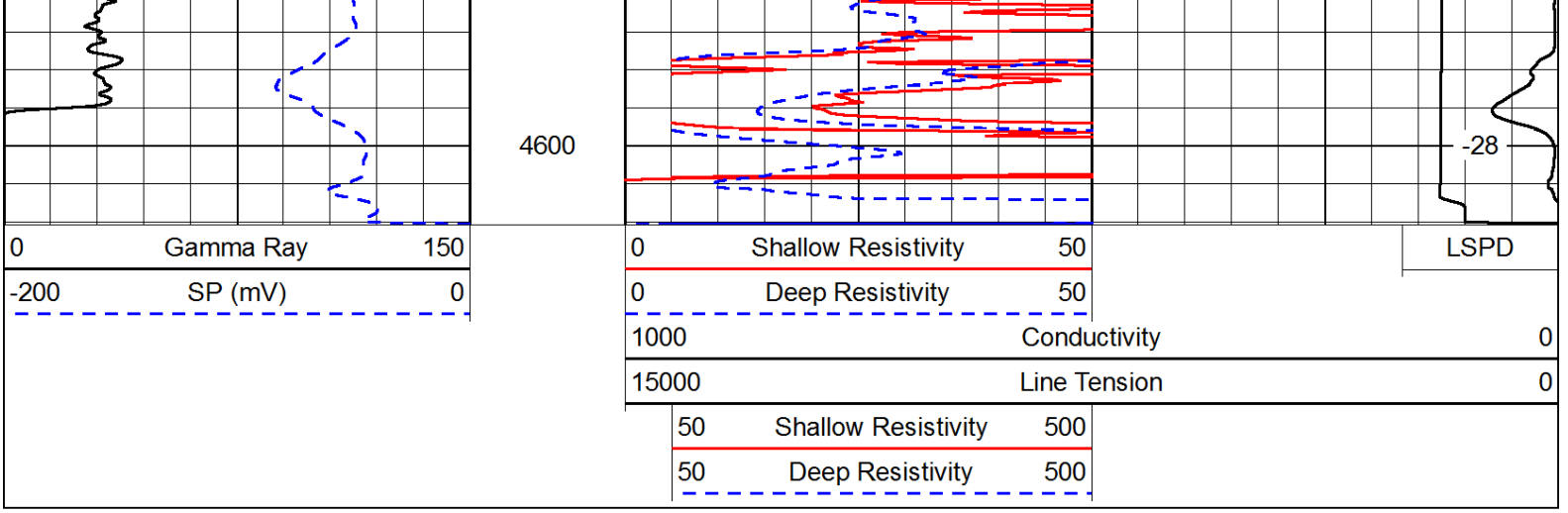

1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
2350
-75
-75
-75
-75
-75
-75
-74
-72
-72
-72


2400
2450
2500
2550
2600
2650
2700
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-72
-72
-70
-70

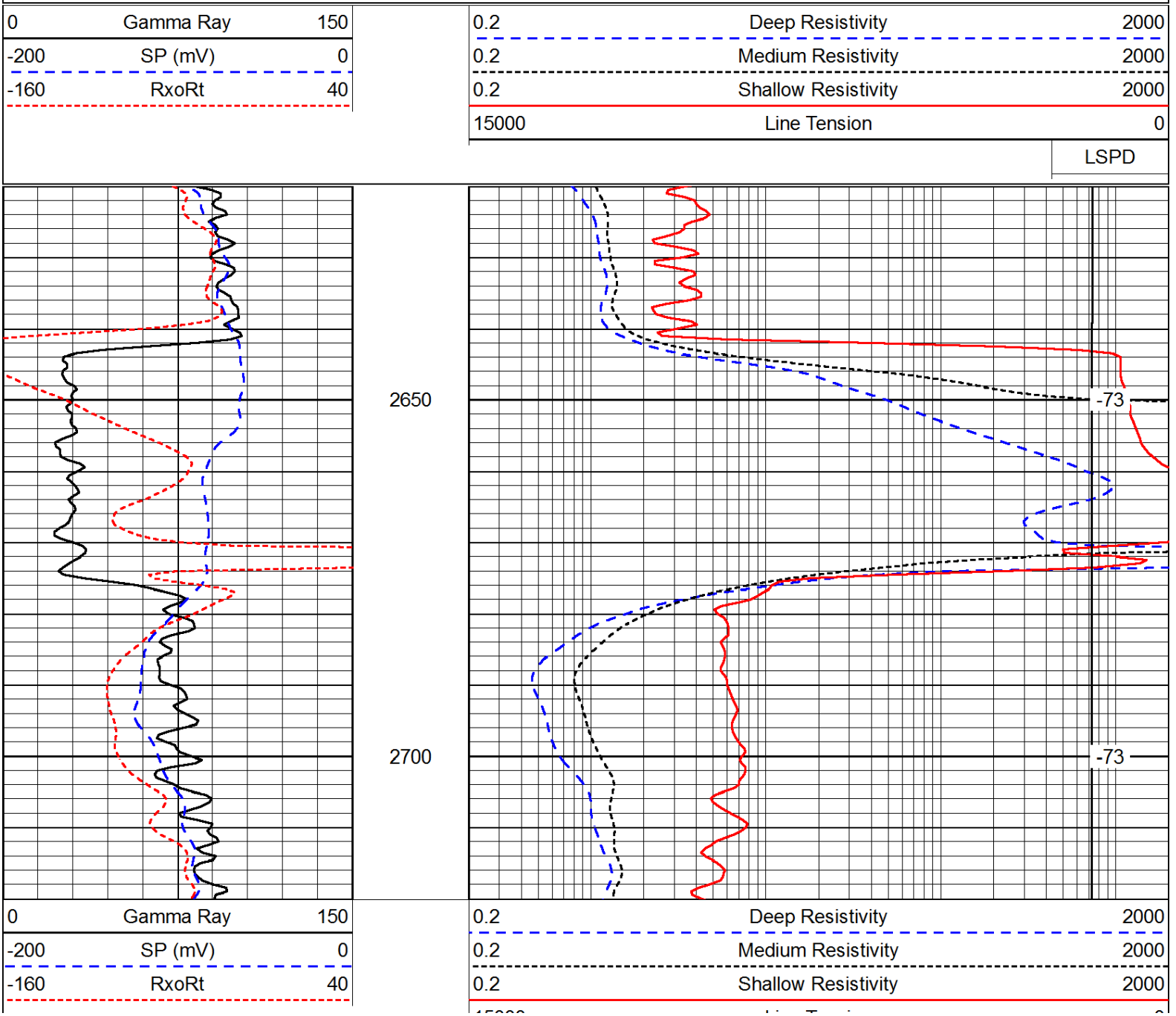

2950
3000
3050
3100
3150
3200
3250
3300
3350
3400
3450
-70
-71
-70
-70
-70
-70
-70
-70
-69
-78


3500
3550
3600
3650
3700
3750
3800
3850
3900
3950
4000
-55
-58
-34
-31
-32
-31
-31
-31
-30
-30
-33


4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
-32
-32
-33
-31
-37
-31
-31
-33
-28
-29
-28



Database File: c:\warrior\data\carmen schmitt_depe #1-12\carmenschmitt_depe_1_12hd.db
Dataset Pathname: DIL/csstk
Presentation Format: dil
Dataset Creation: Sat Aug 23 01:14:07 2014
Charted by: Depth in Feet scaled 1:240

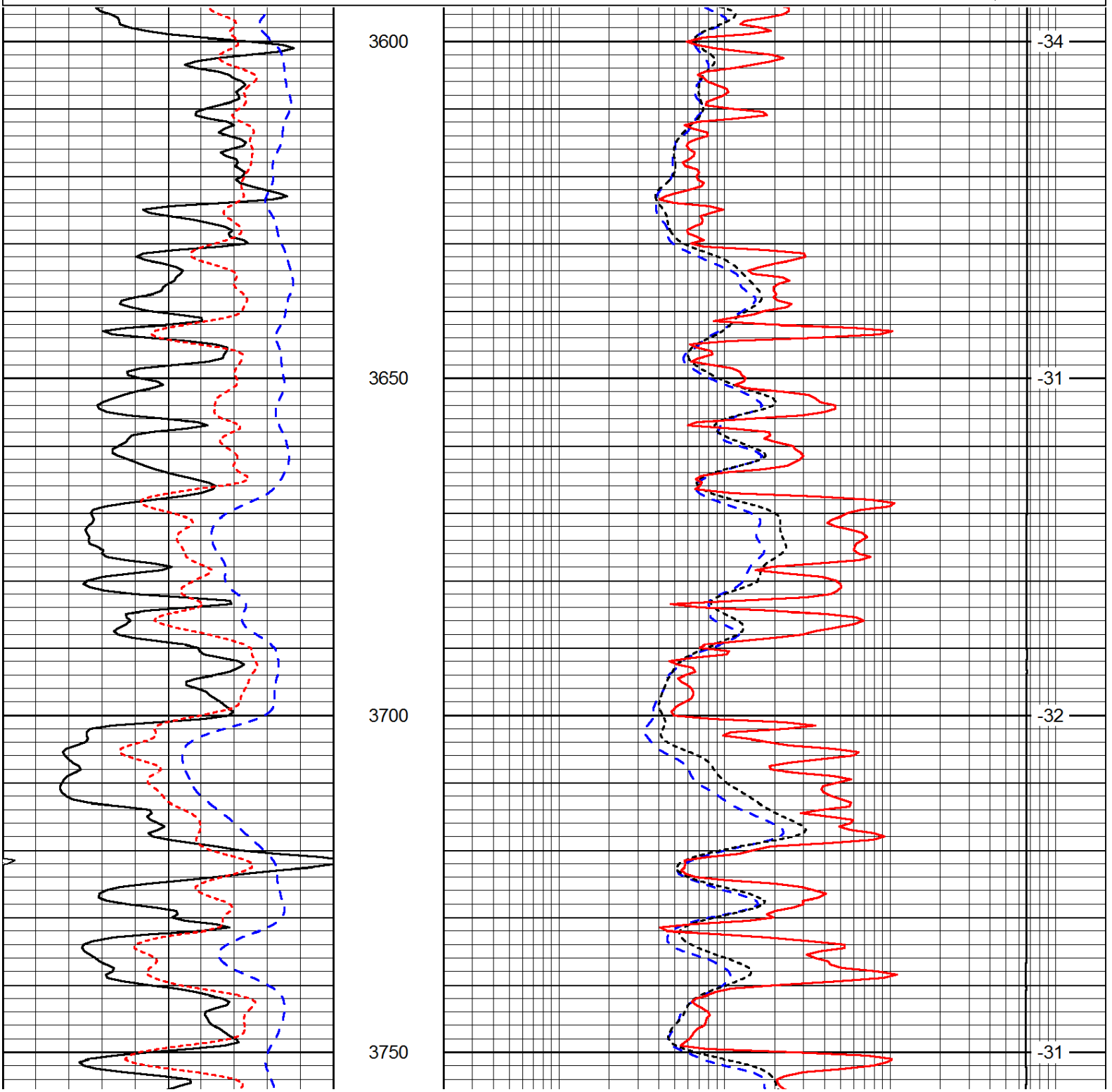


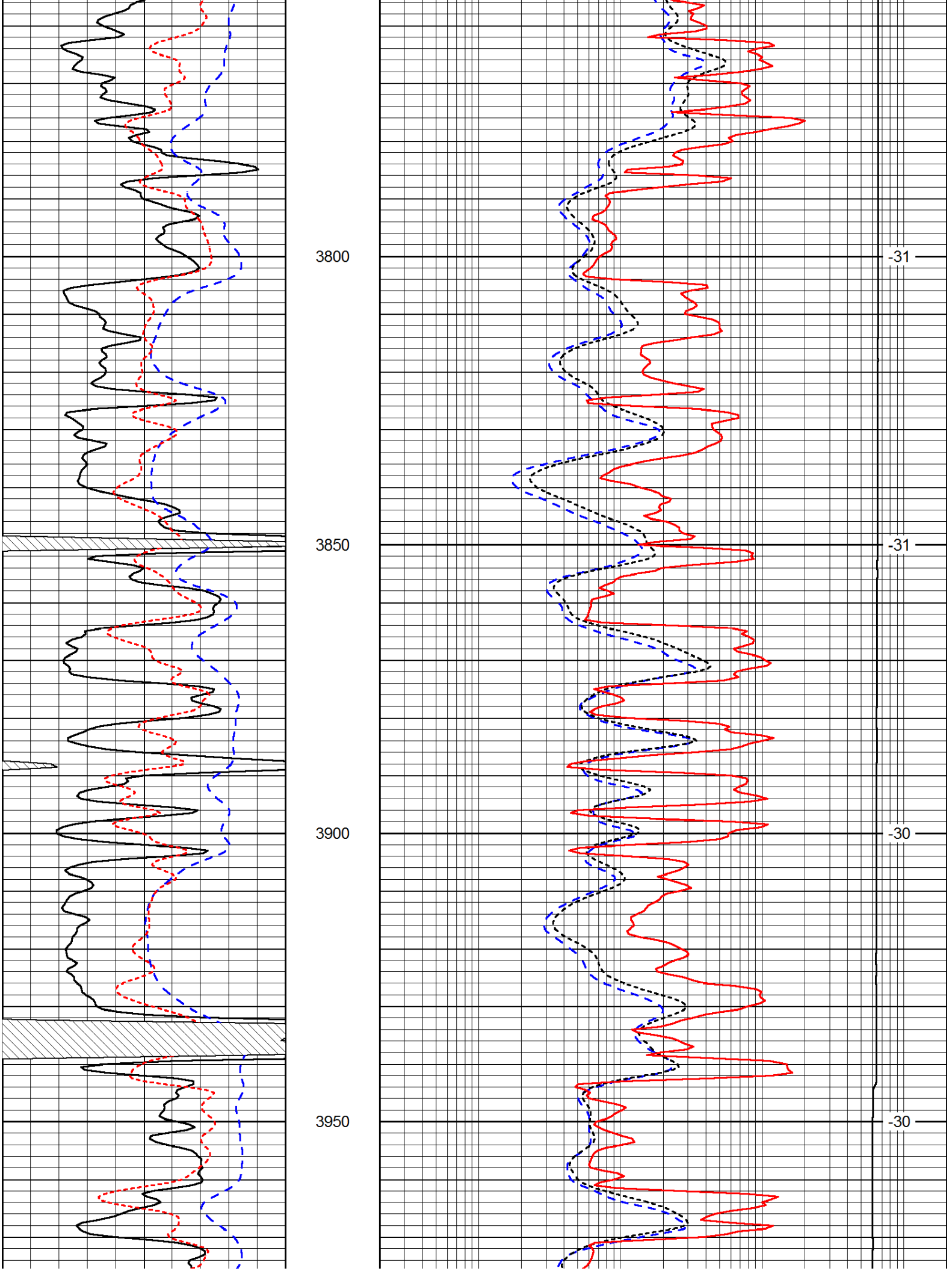
15000	Line Tension	0
	LSPD	

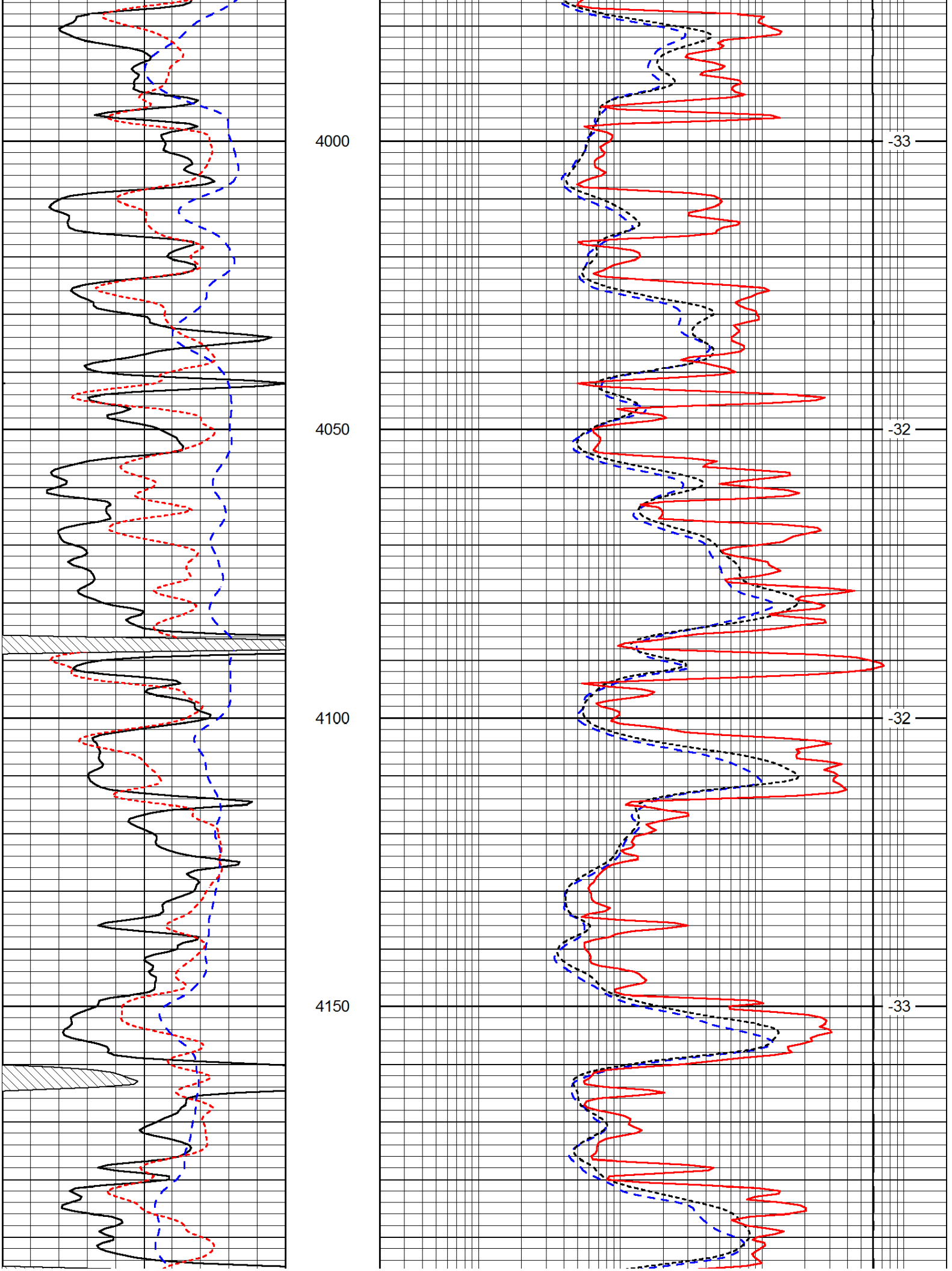
Database File:	c:\warrior\data\carmen schmitt_depe #1-12\carmenschmitt_depe_1_12hd.db
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Presentation Format:	dil
Dataset Creation:	Sat Aug 23 01:14:07 2014
Charted by:	Depth in Feet scaled 1:240

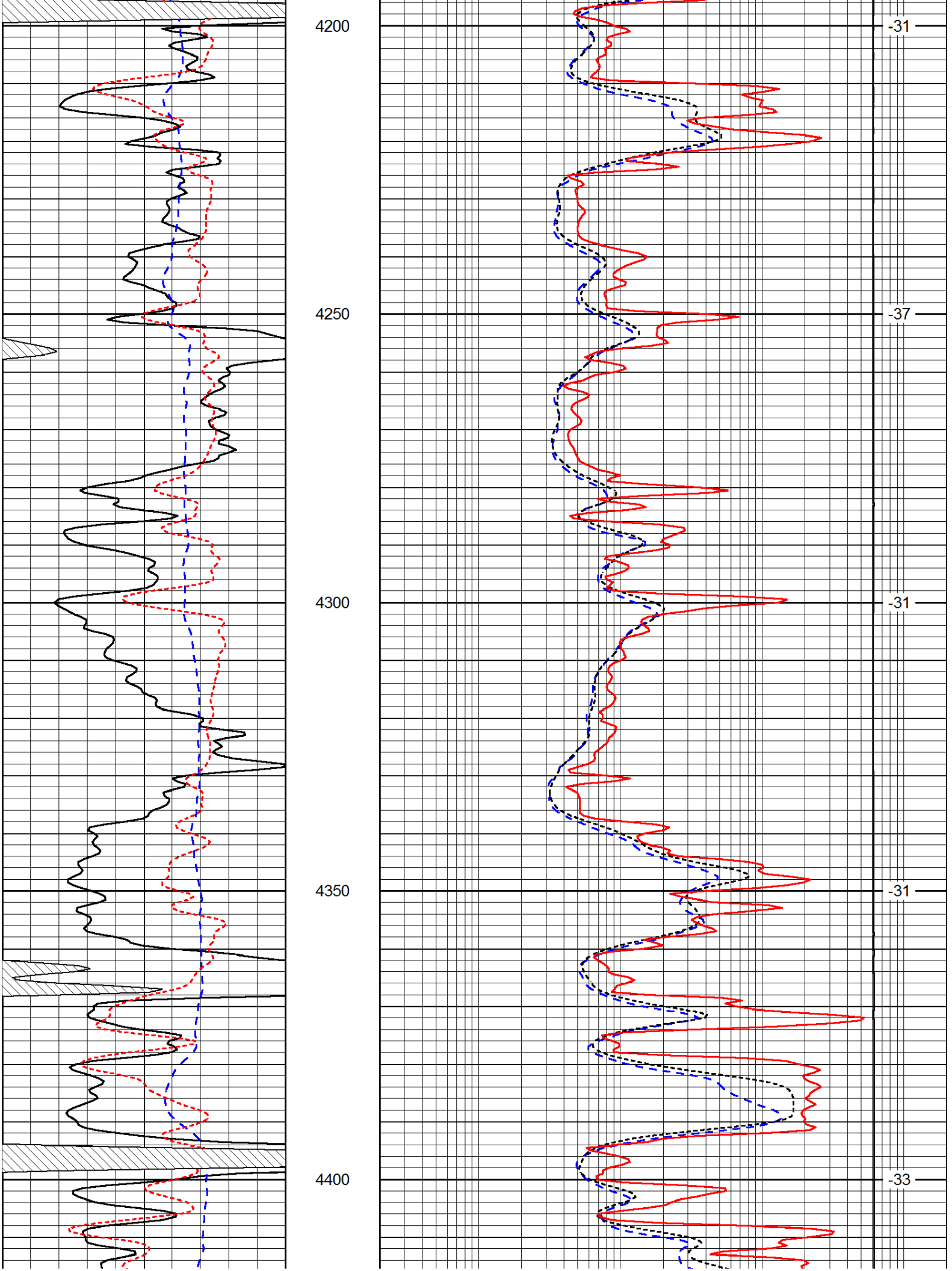
0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

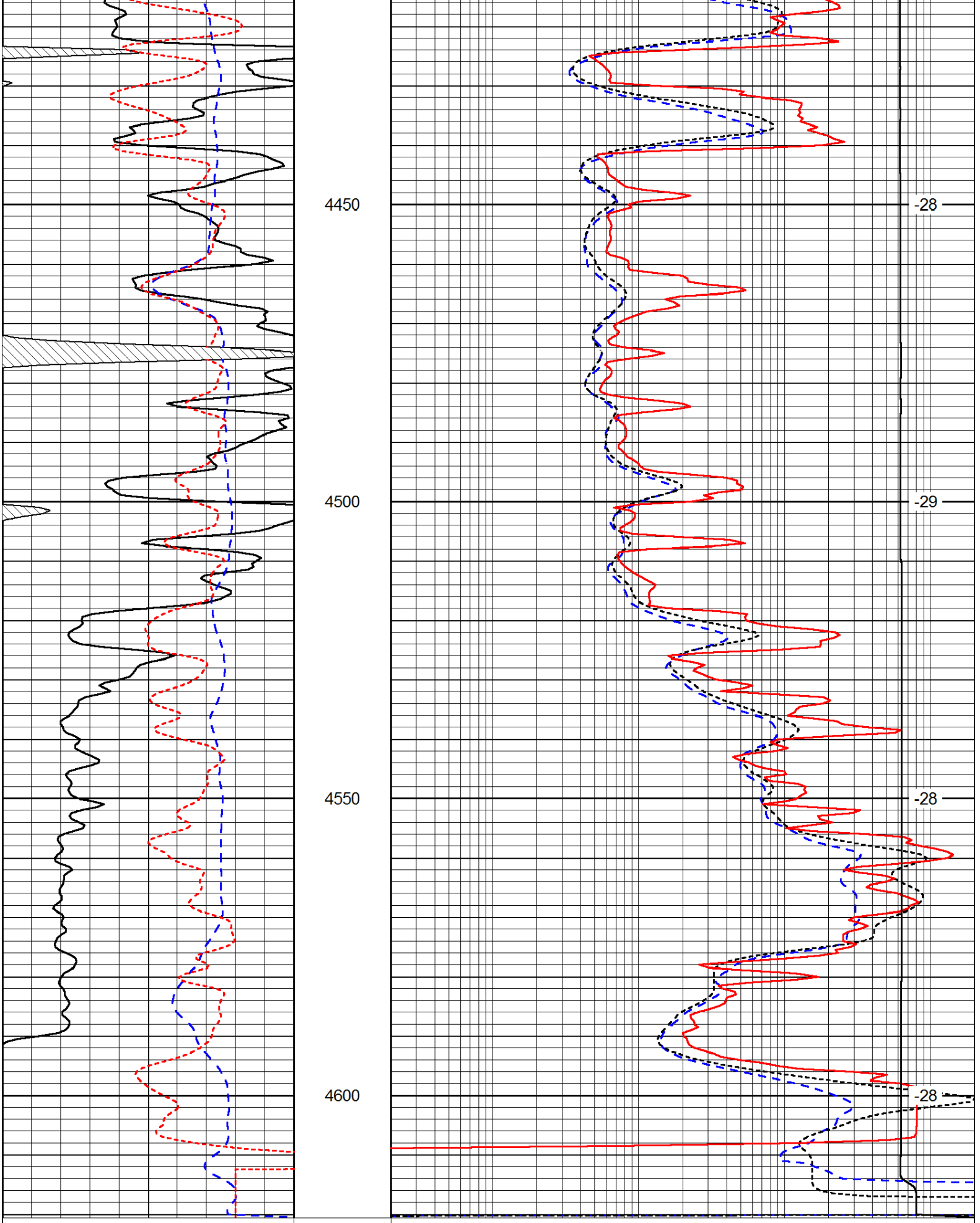
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0
	LSPD	




3800
3850
3900
3950
-31
-31
-30
-30


4000
4050
4100
4150
-33
-32
-32
-33


4200
4250
4300
4350
4400
-31
-37
-31
-31
-33



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