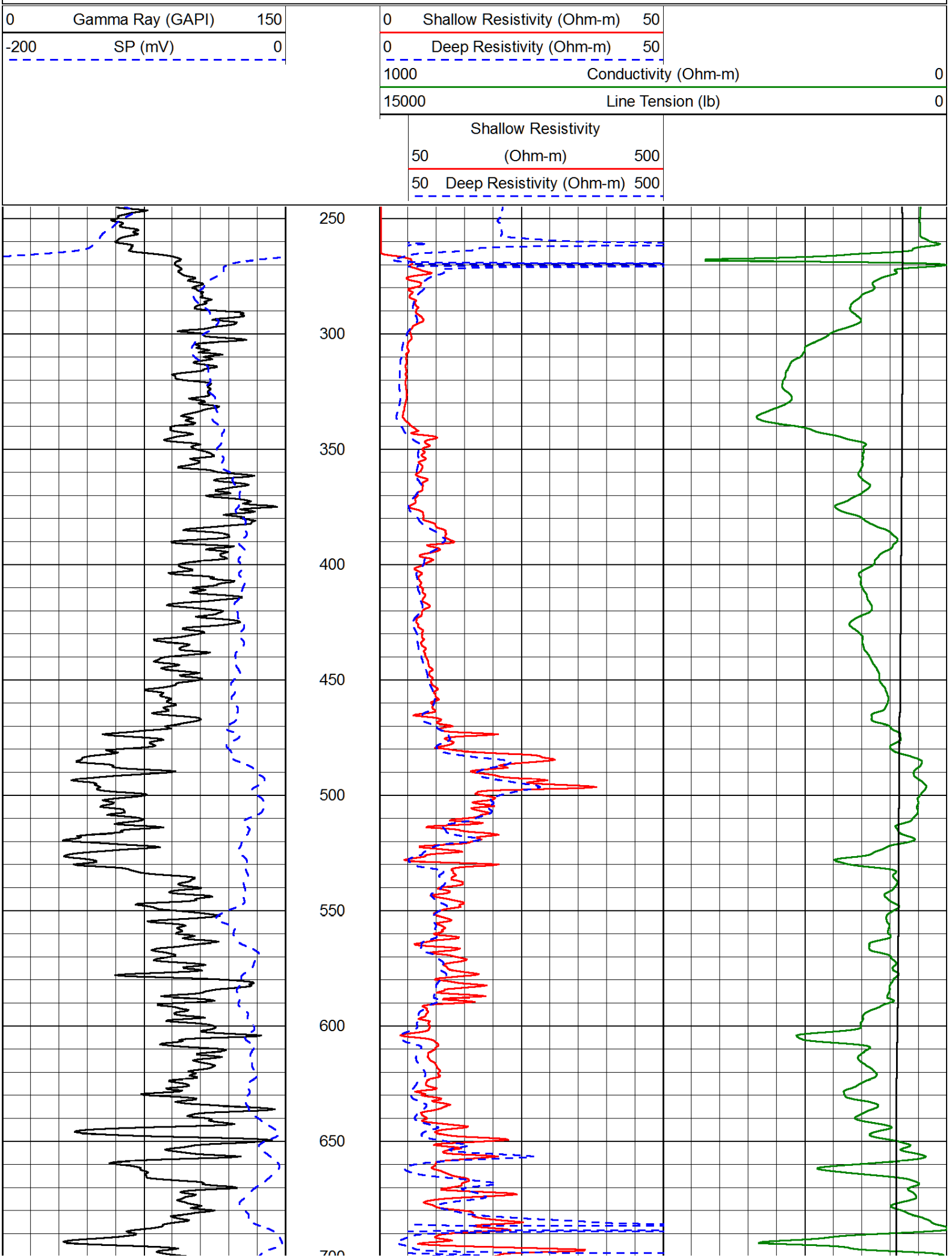
PIONEER

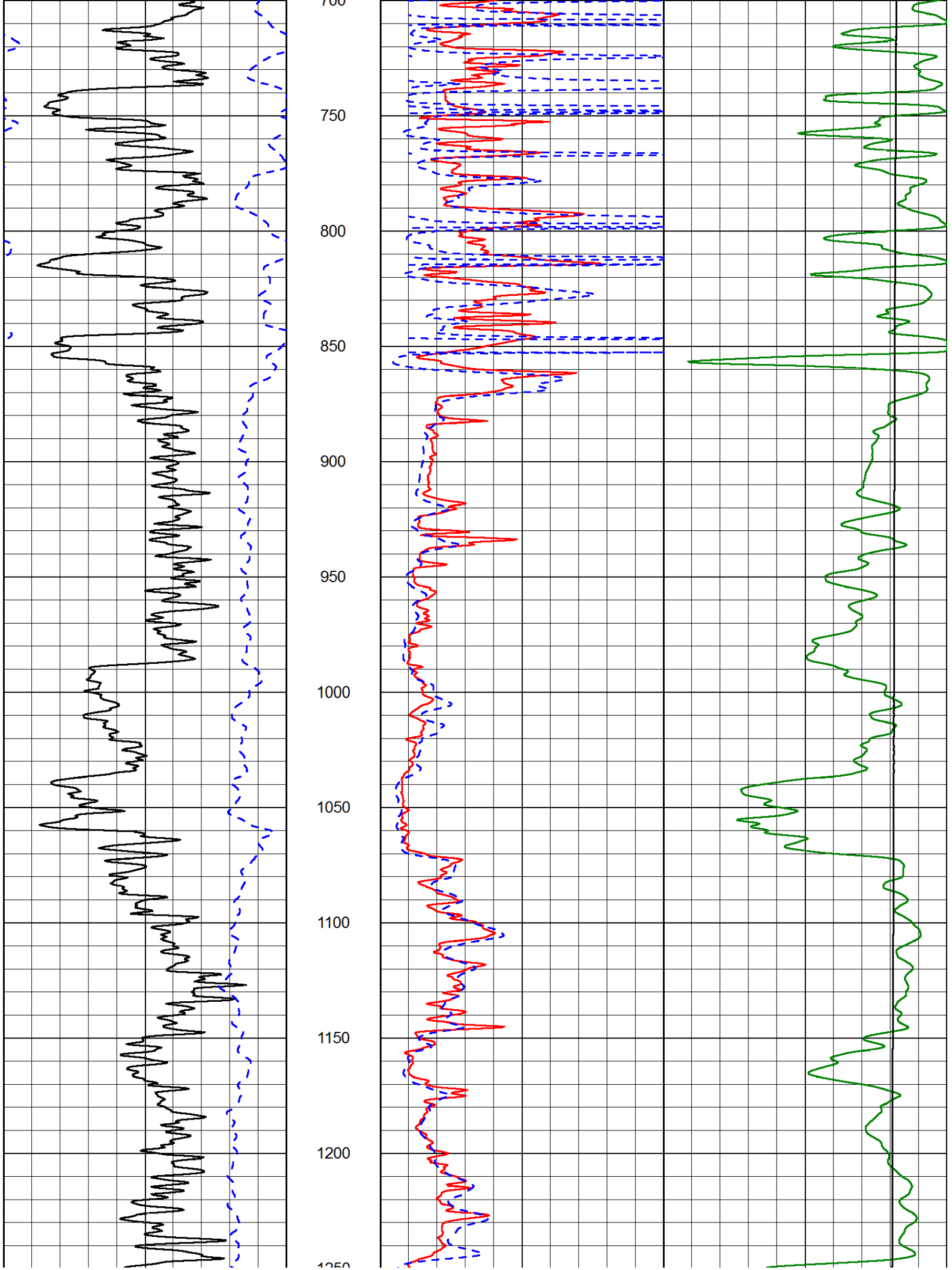
Pioneer Energy Services

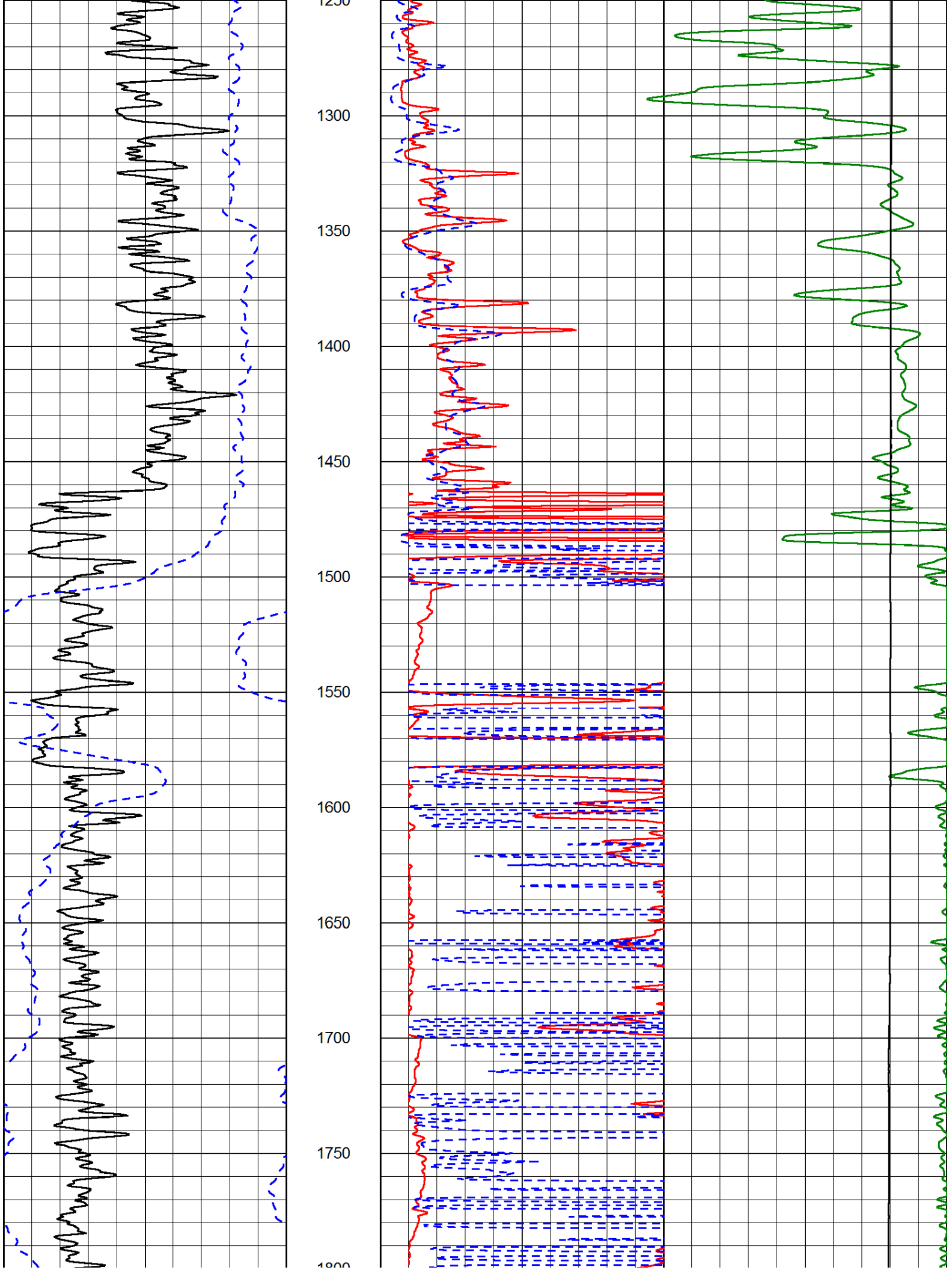
Dual Induction Log

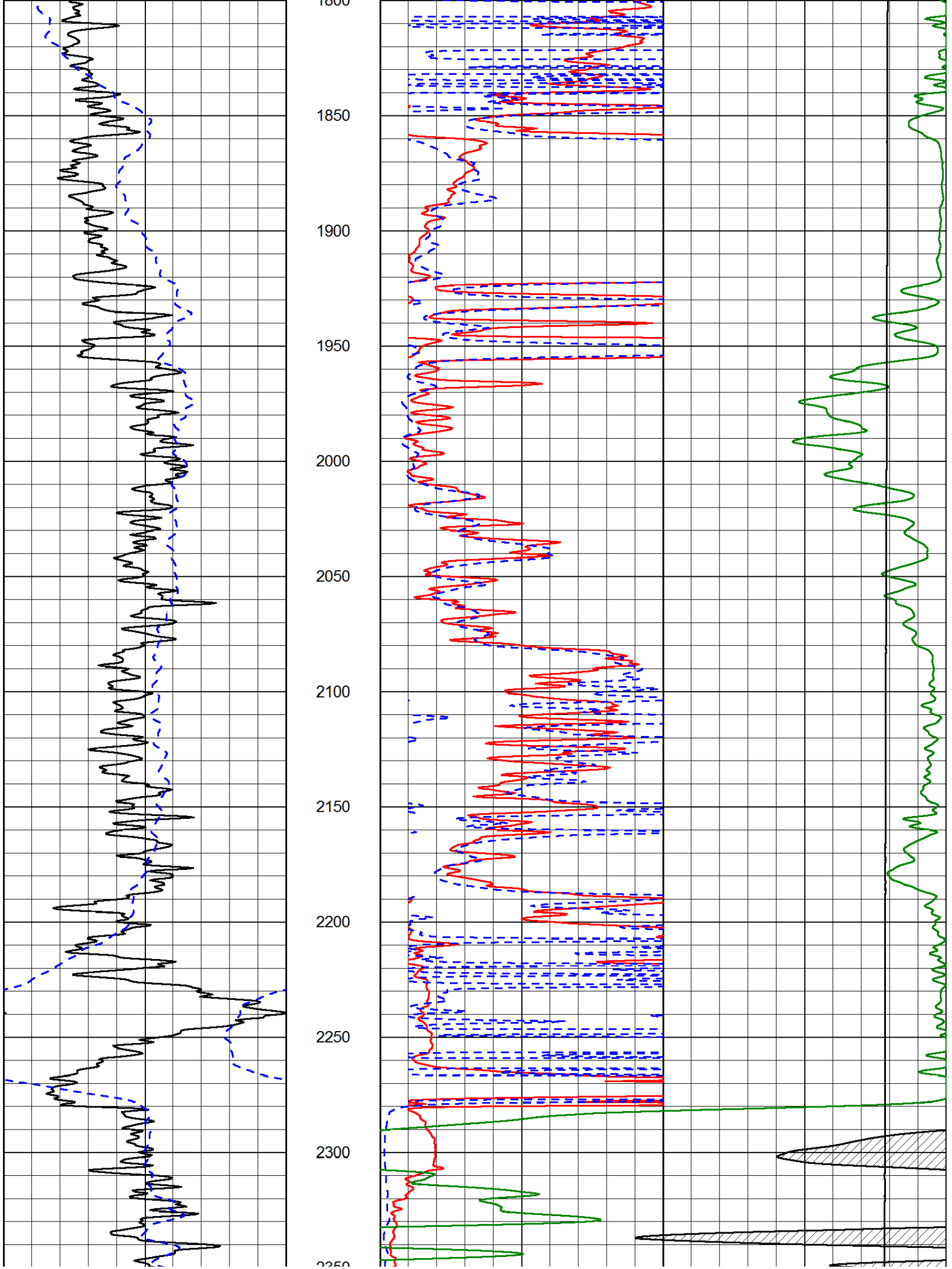
Company	Raymond Oil Company, Inc.
Well	Helen Wells Trust #2
Field	Wildcat
County	Wichita State Kansas
API No.	15-203-20,234-00-00
Location	E/2 SE NW NW 990' FNL & 1255' FWL
Sec: 18 Twp: 20S Rge: 35W	
Permanent Datum	Ground Level
Log Measured From	Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing
Other Services	CNL/CDL MEL
Elevation	K.B. 3166 D.F. G.L. 3155
Elevation 3155	

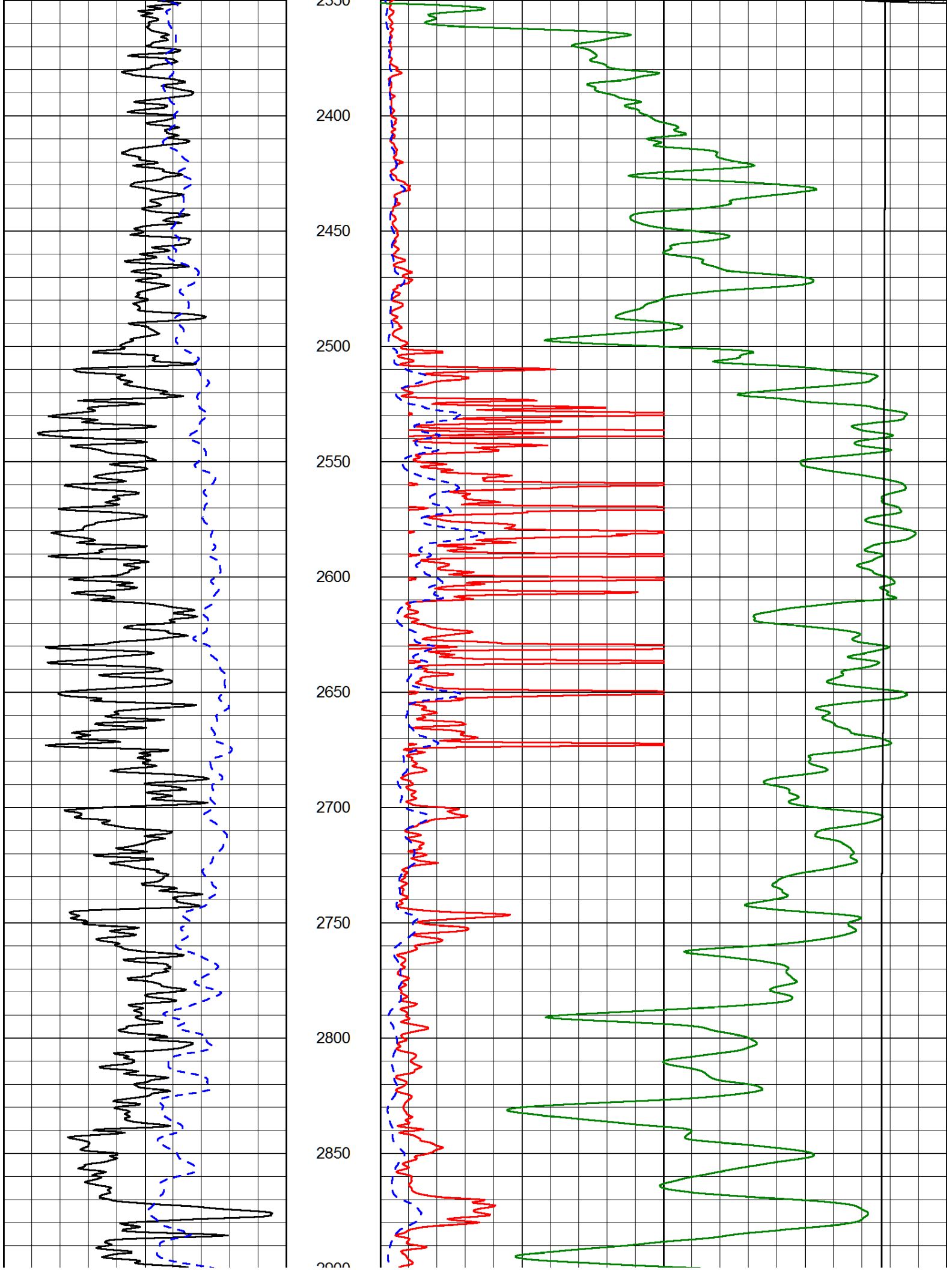
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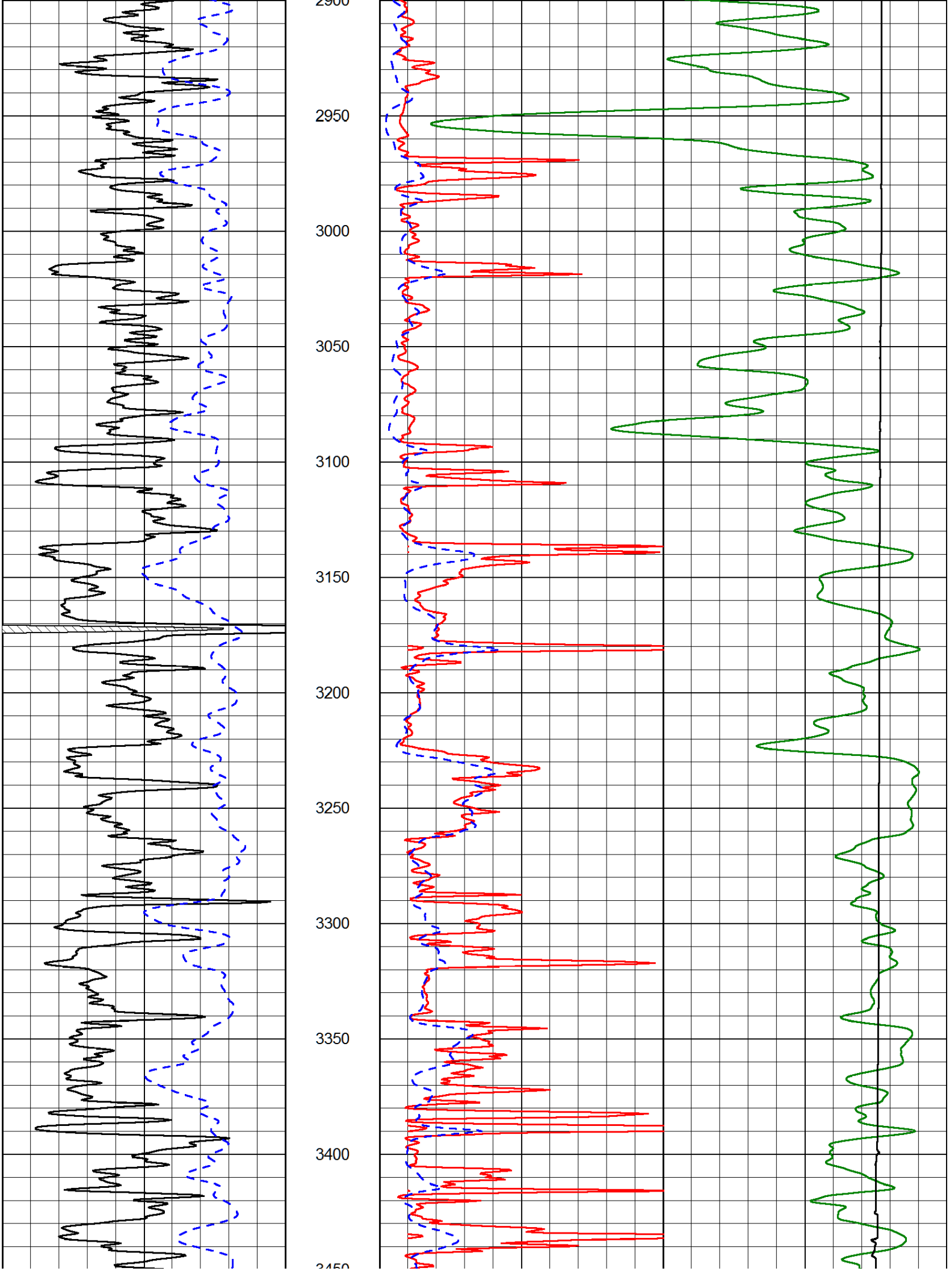

0 Gamma Ray (GAPI) 150
-200 SP (mV) 0
0 Shallow Resistivity (Ohm-m) 50
0 Deep Resistivity (Ohm-m) 50
1000 Conductivity (Ohm-m) 0
15000 Line Tension (lb) 0
Shallow Resistivity
50 (Ohm-m) 500
50 Deep Resistivity (Ohm-m) 500
250
300
350
400
450
500
550
600
650

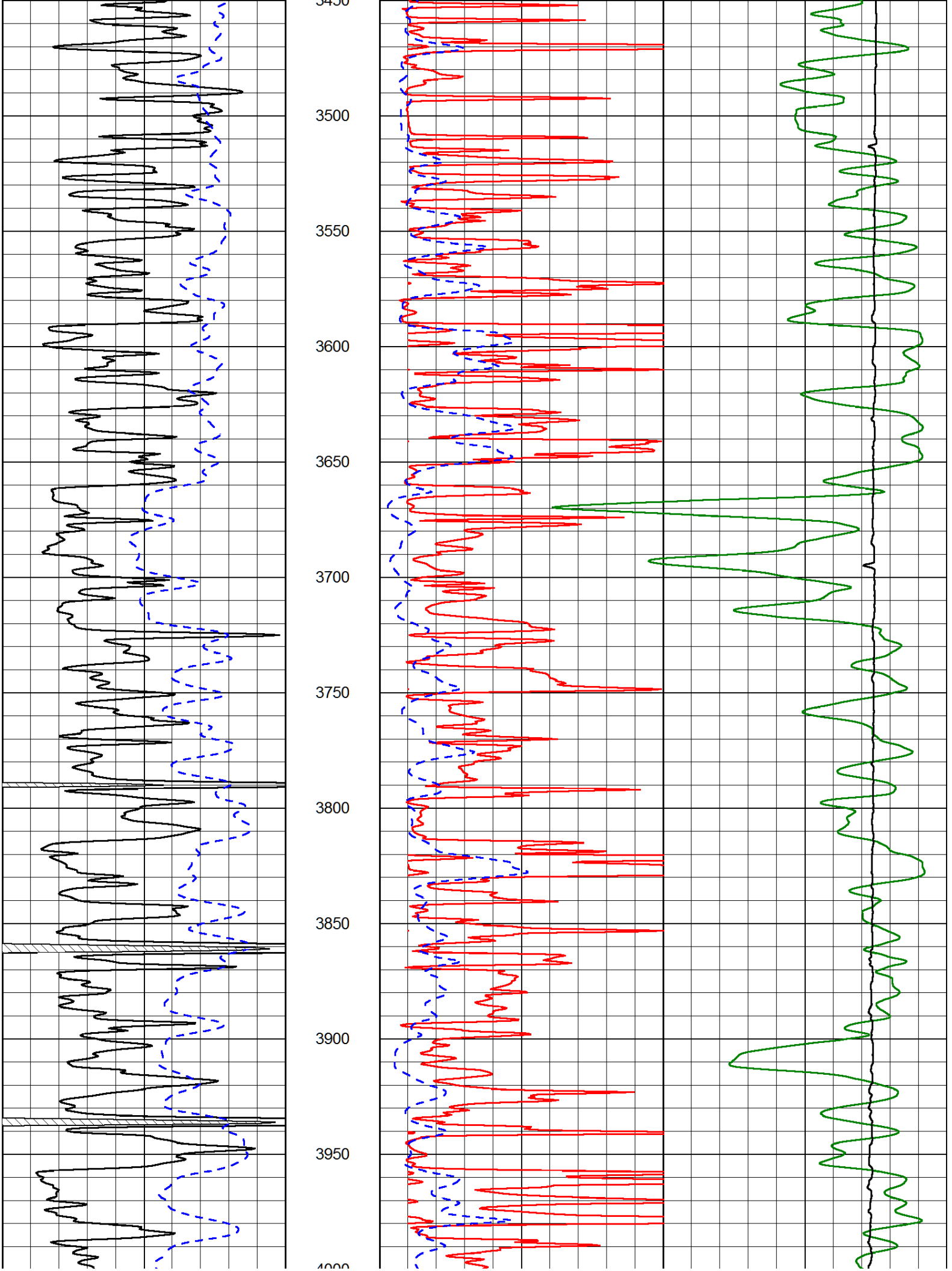

700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

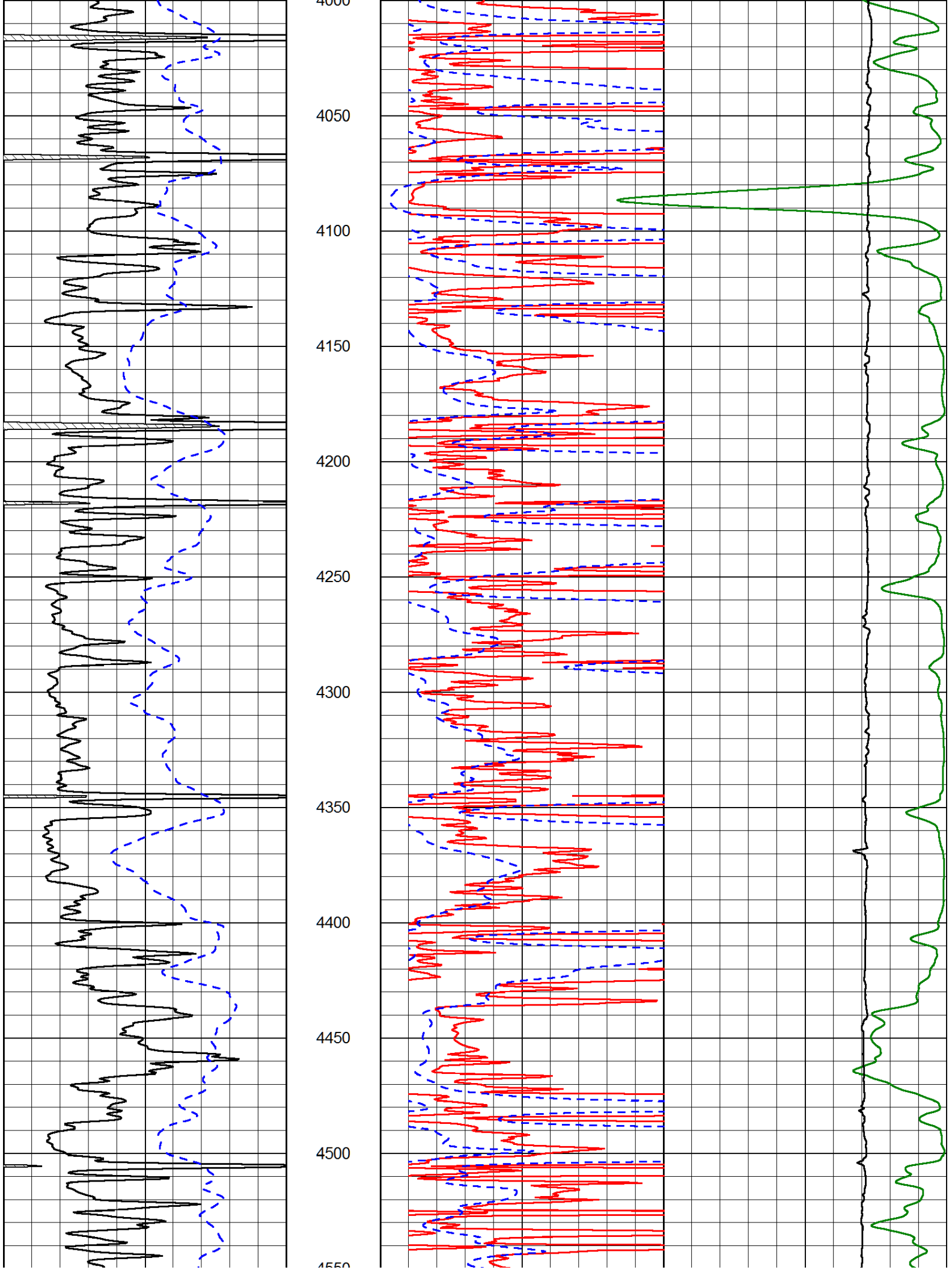

1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800

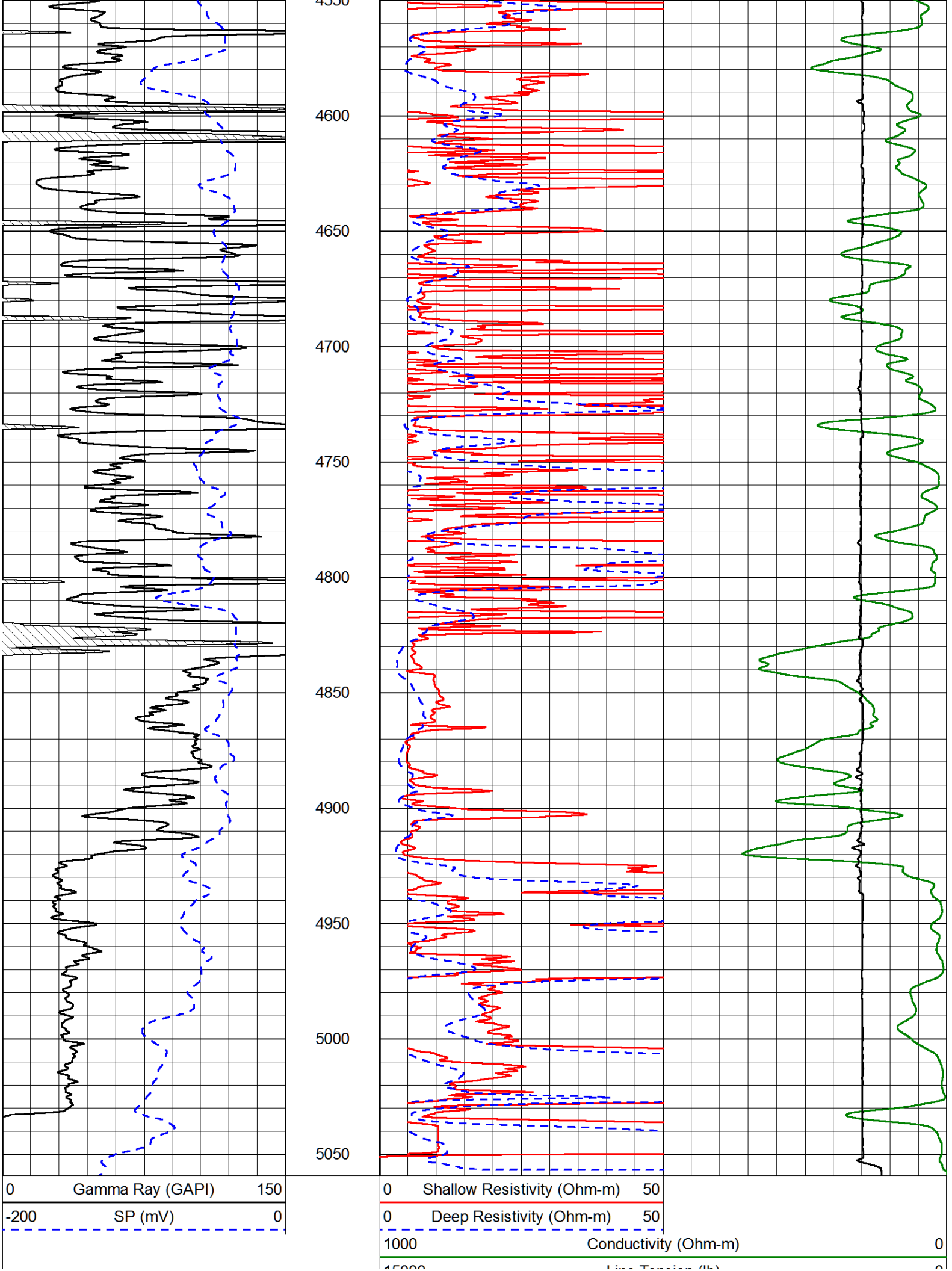

1800
1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
2350


2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850
2900


2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400
3450


3450
3500
3550
3600
3650
3700
3750
3800
3850
3900
3950
4000


4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550


4550
4600
4650
4700
4750
4800
4850
4900
4950
5000
5050
0 Gamma Ray (GAPI) 150
-200 SP (mV) 0
0 Shallow Resistivity (Ohm-m) 50
0 Deep Resistivity (Ohm-m) 50
1000 Conductivity (Ohm-m) 0

15000	Line Tension (lb)	0

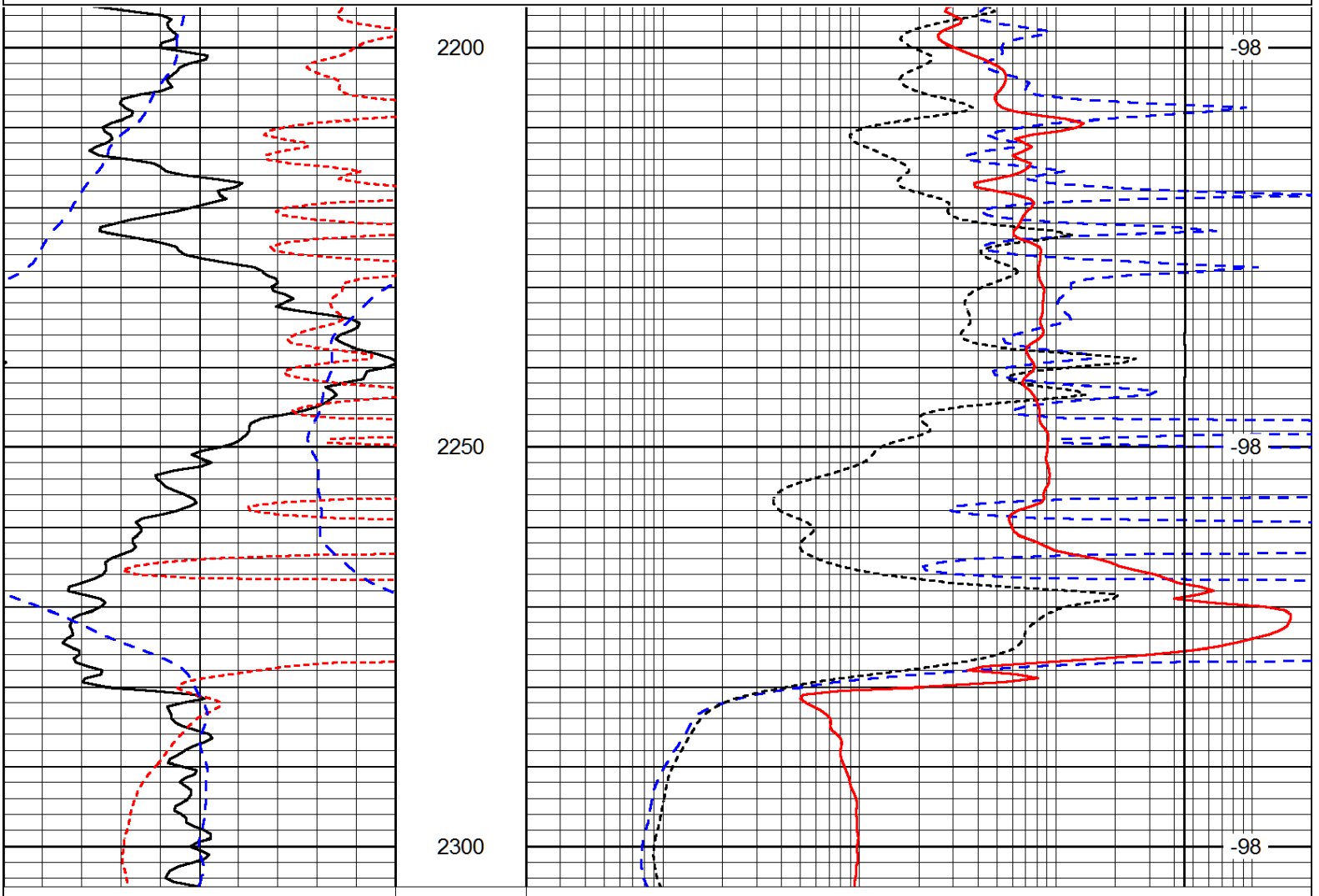
	Shallow Resistivity	
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

Database File:	raymond_helenwells_2hd.db
Dataset Pathname:	DIL/raystk
Presentation Format:	dil
Dataset Creation:	Mon Oct 07 18:57:41 2013
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
-160	RXO/RT	40
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD (ft/min)



0	Gamma Ray (GAPI)	150
-160	RXO/RT	40
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

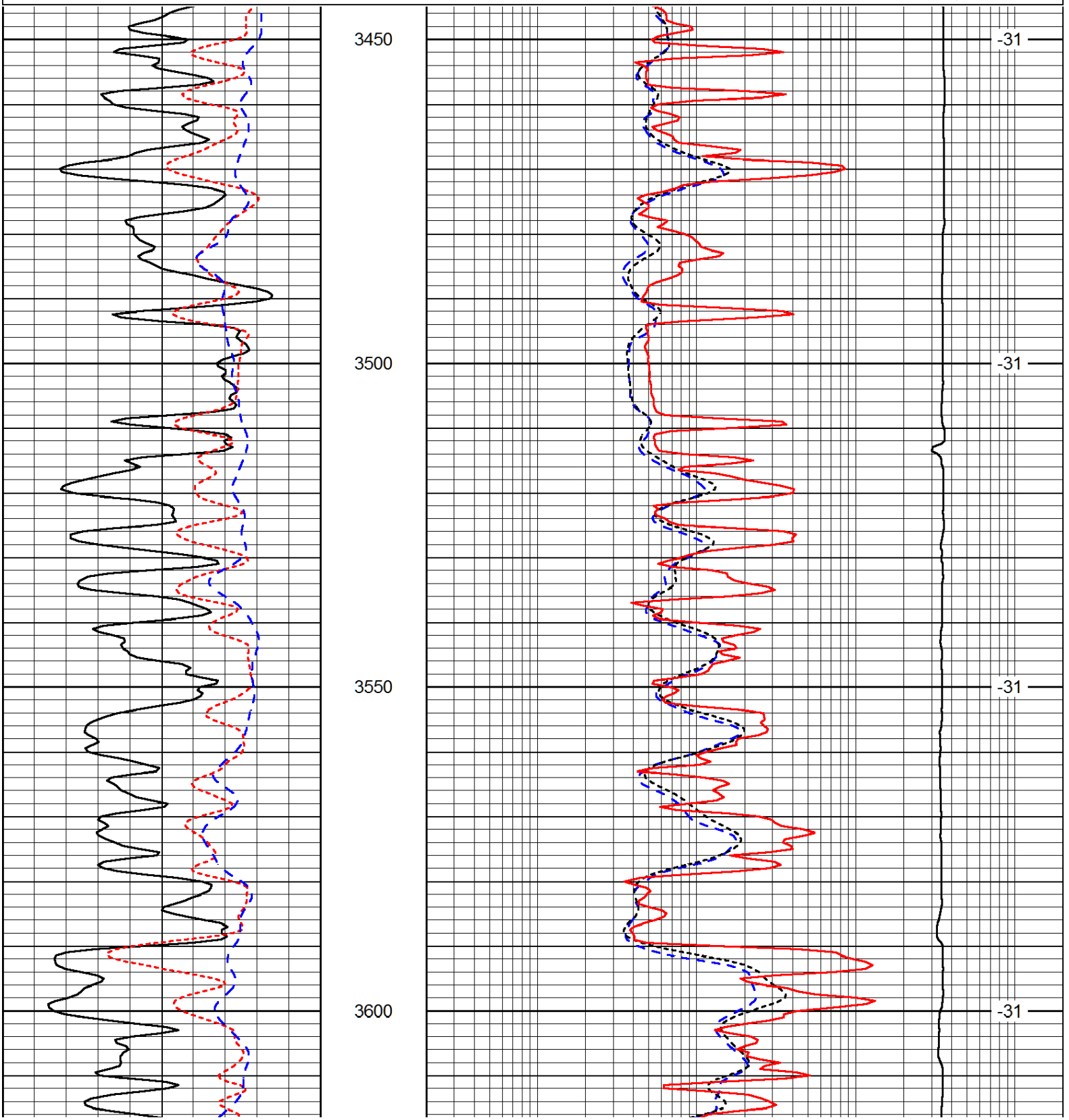
LSPD (ft/min)

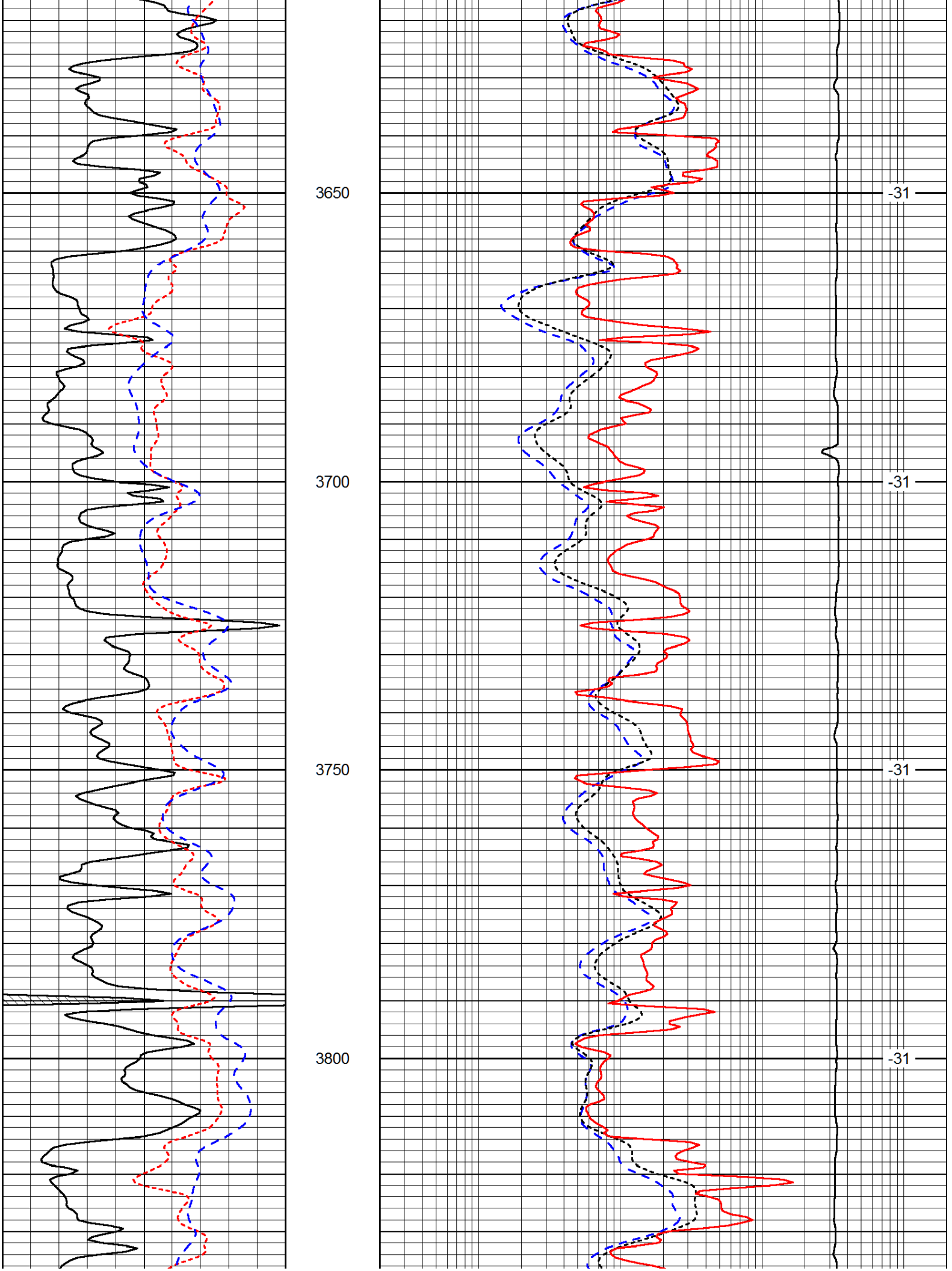
Database File:	raymond_helenwells_2hd.db
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Presentation Format:	dil
Dataset Creation:	Mon Oct 07 18:57:41 2013
Charted by:	Depth in Feet scaled 1:240

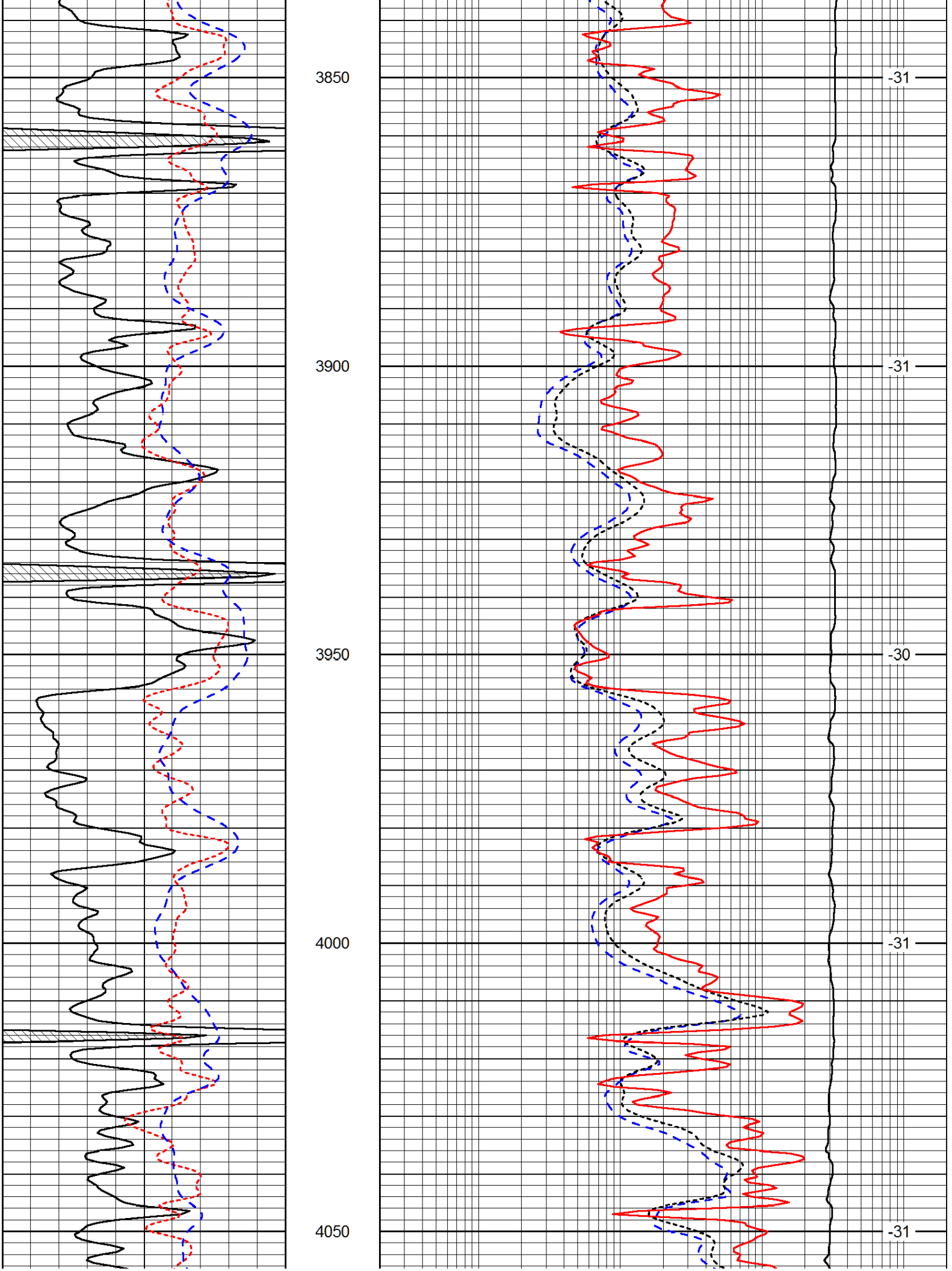
0	Gamma Ray (GAPI)	150
-160	RXO/RT	40
-200	SP (mV)	0

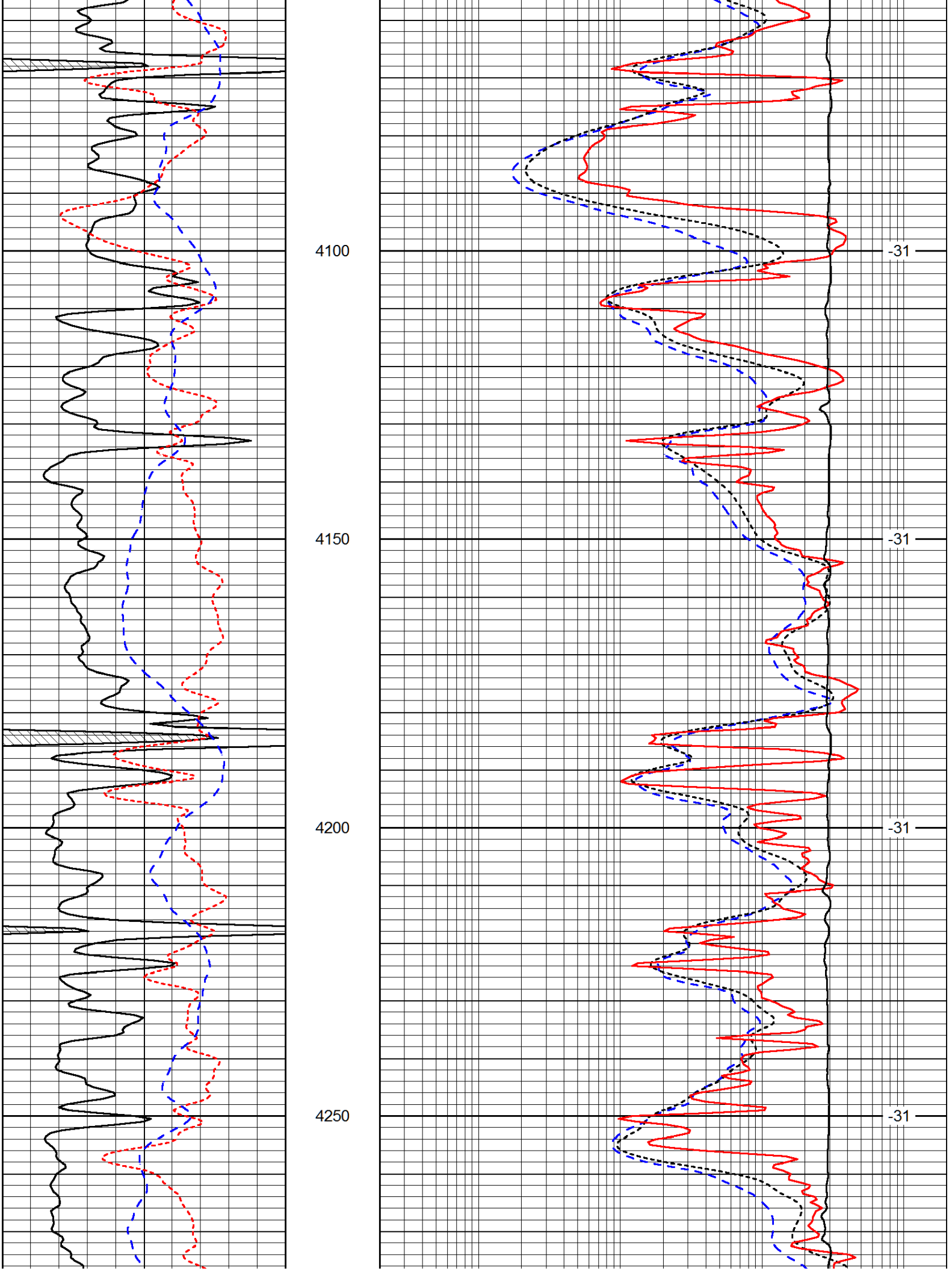
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

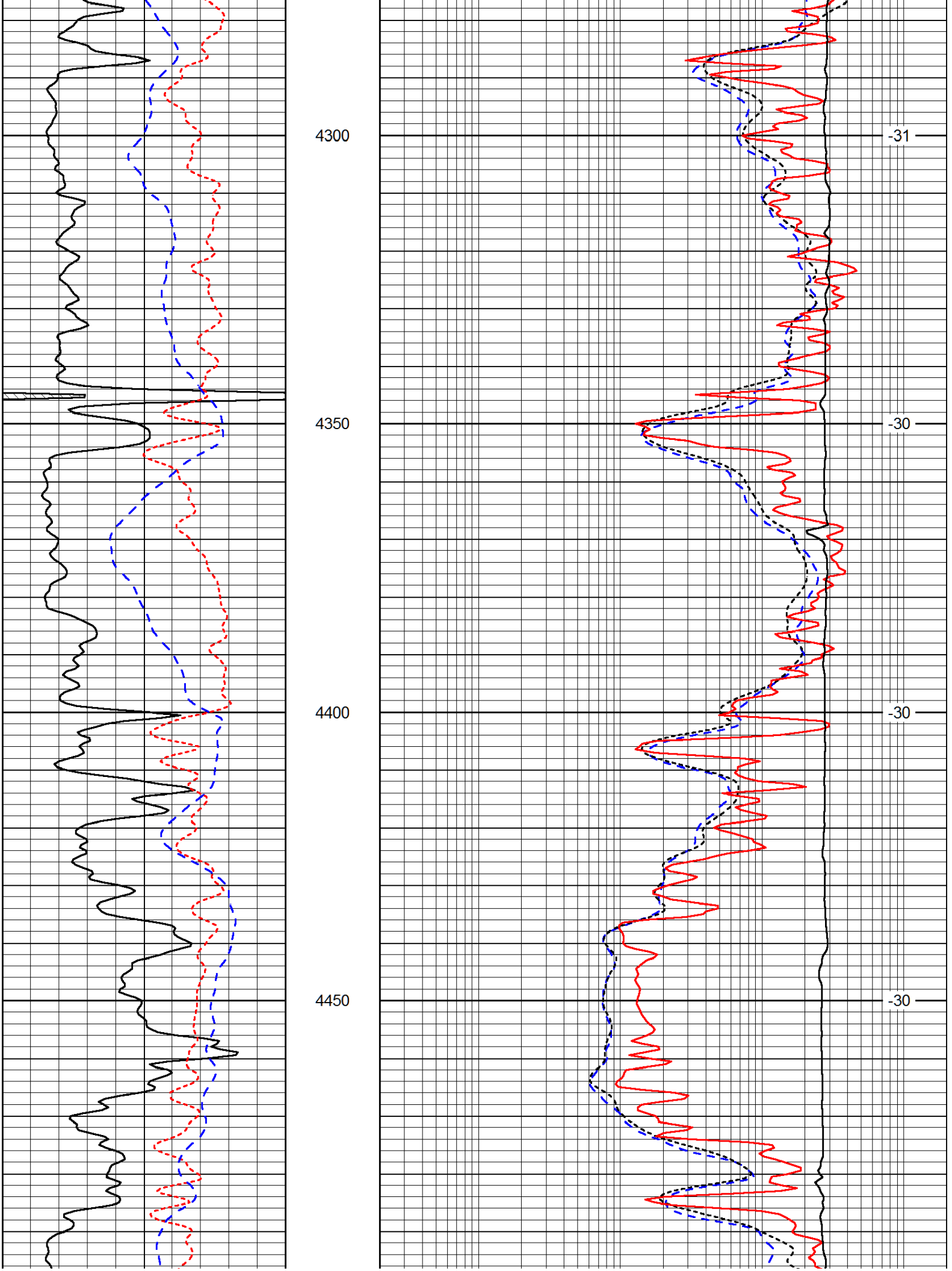
LSPD (ft/min)

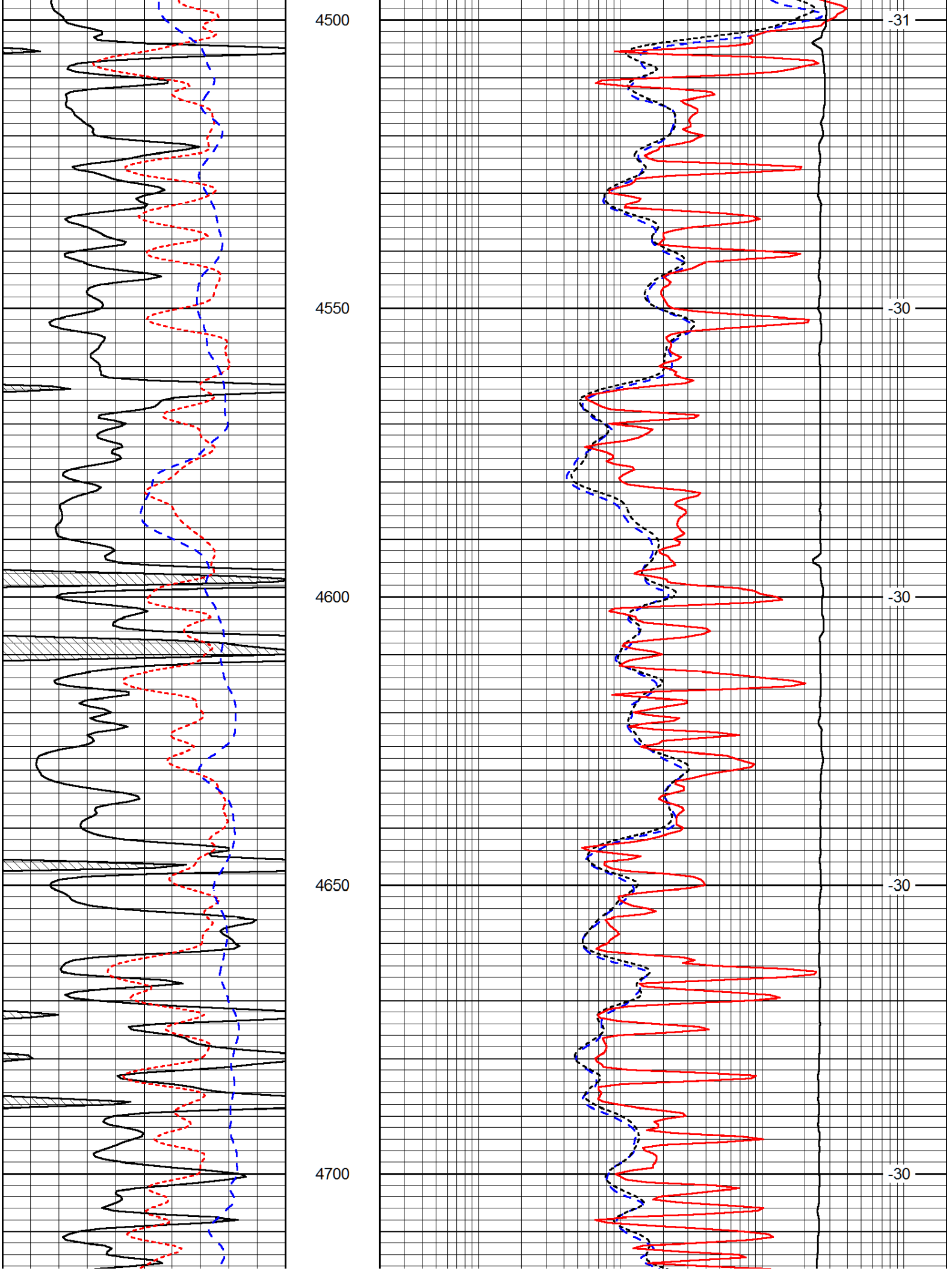


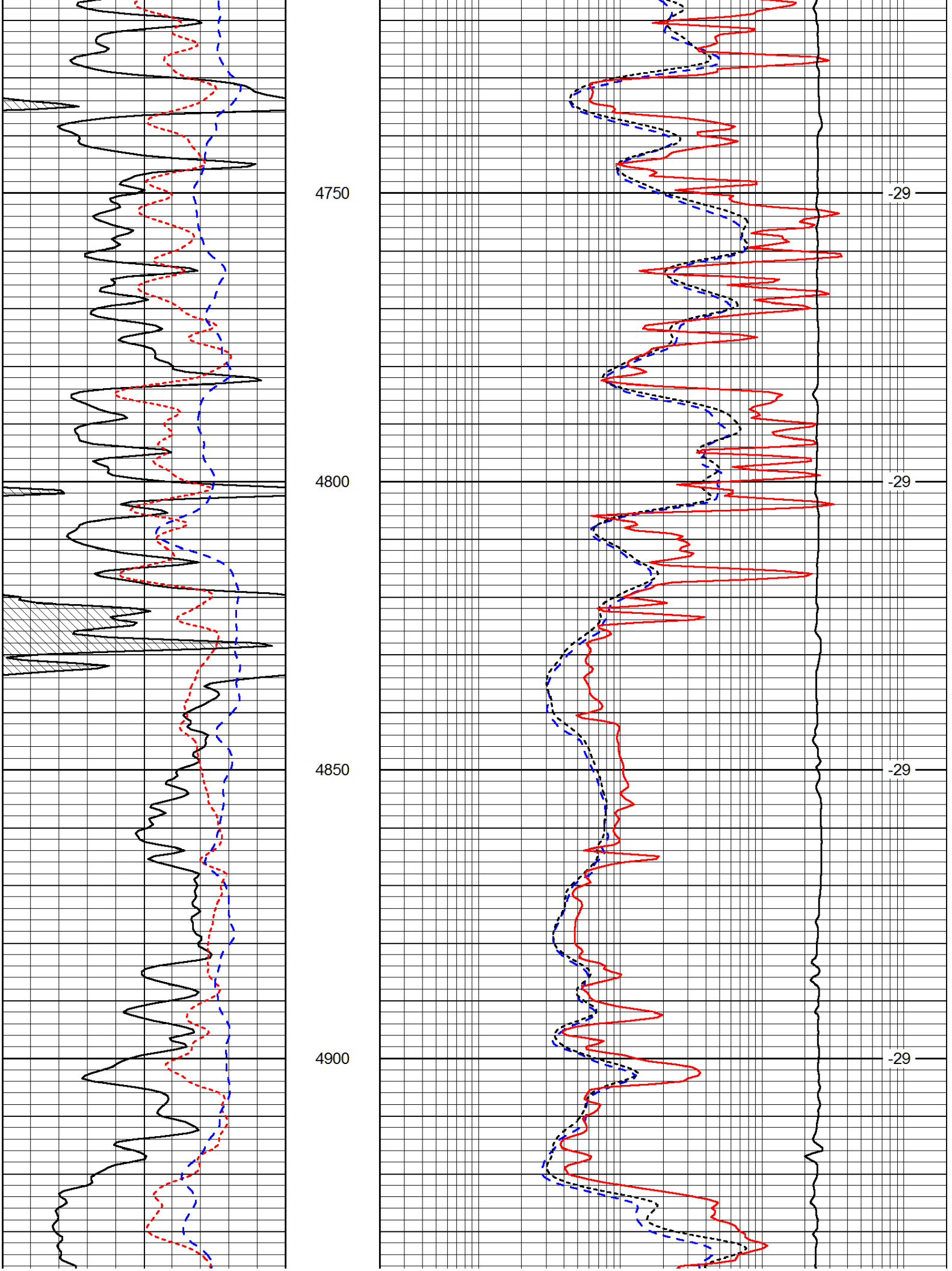

3650
3700
3750
3800
-31
-31
-31

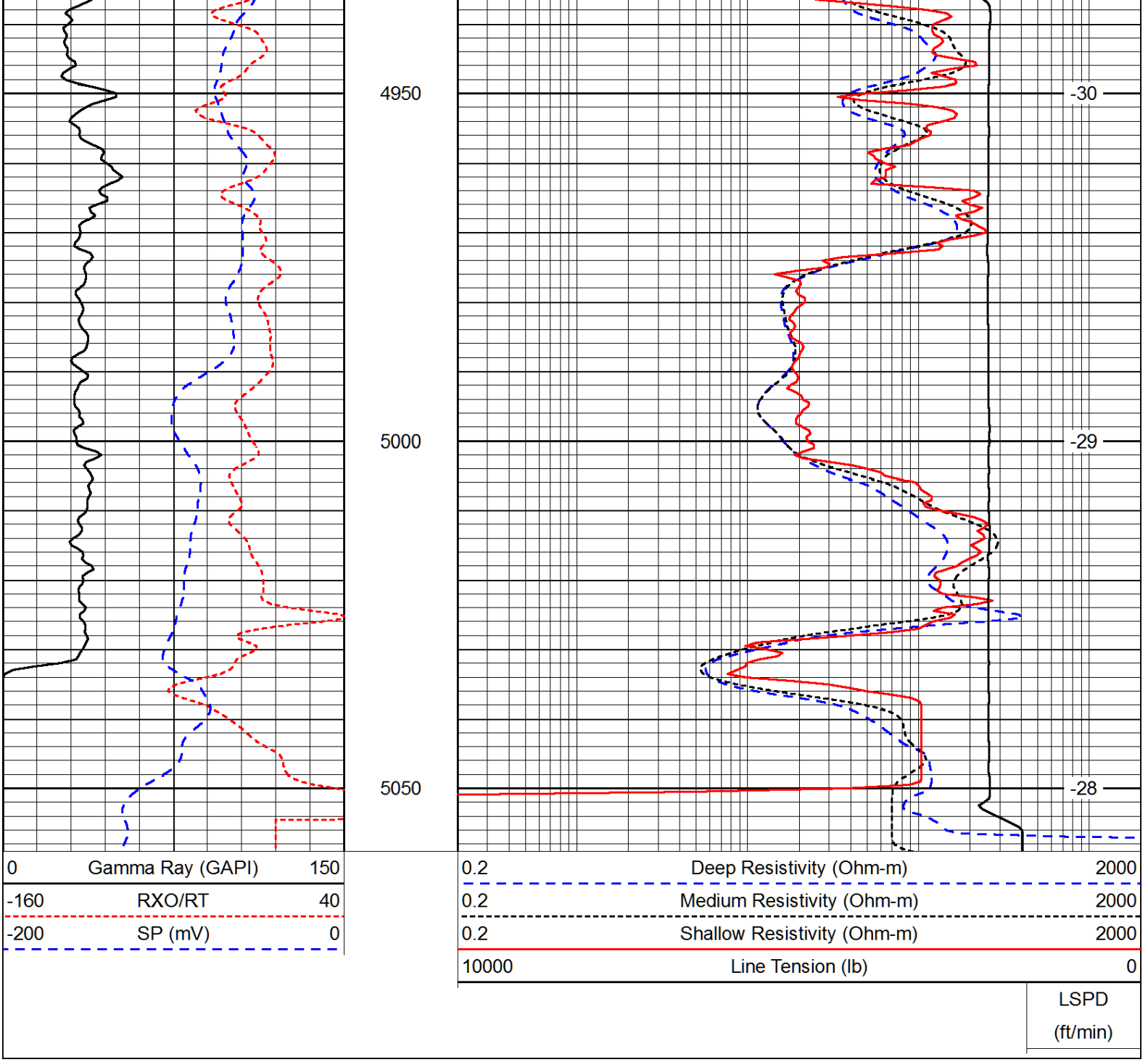

3850
3900
3950
4000
4050
-31
-31
-30
-31
-31


4100
4150
4200
4250
-31
-31
-31
-31


4300
4350
4400
4450
-31
-30
-30
-30


4500
4550
4600
4650
4700
-31
-30
-30
-30
-30


4750
4800
4850
4900
-29
-29
-29


4950
5000
5050
-30
-29
-28
0
Gamma Ray (GAPI)
150
-160
RXO/RT
40
-200
SP (mV)
0
0.2
Deep Resistivity (Ohm-m)
2000
0.2
Medium Resistivity (Ohm-m)
2000
0.2
Shallow Resistivity (Ohm-m)
2000
10000
Line Tension (lb)
0
LSPD
(ft/min)