PIONEER

Pioneer Energy Services

Dual Induction Log

Company	TDI, Inc.
Well	Werth Trust No. 1
Field	Zimm
County	Ellis
State	Kansas
API No.	15-051-26,706-00-00
Location	NE-NE-SW-SW 1225' FSL & 1190' FWL
Sec: 26	Twp: 15S Rge: 19W
Permanent Datum	Ground Level
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
	Elevation 1995
	10 Ft. Above Perm. Datum
Other Services	CNL/CDL MEL
Elevation	K.B. 2005 D.F. G.L. 1995

Date	7/3/14			
Run Number	One			
Depth Driller	3700			
Depth Logger	3699			
Bottom Logged Interval	3698			
Top Log Interval	1150			
Casing Driller	8.625 @ 1203			
Casing Logger	1202			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	12,000			
Density / Viscosity	9.2 | 60			
pH / Fluid Loss	10.5 | 12.0			
Source of Sample	Flowline			
Rm @ Meas. Temp	.30 @ 82			
Rmf @ Meas. Temp	.23 @ 82			
Rmc @ Meas. Temp	.41 @ 82			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.22 @ 113			
Operating Rig Time	3 Hours			
Max. Rec. Temp. F	113			
Equipment Number	108			
Location	Hays			
Recorded By	J. Henrickson			
Witnessed By	Herb Deines	Tom Denning		

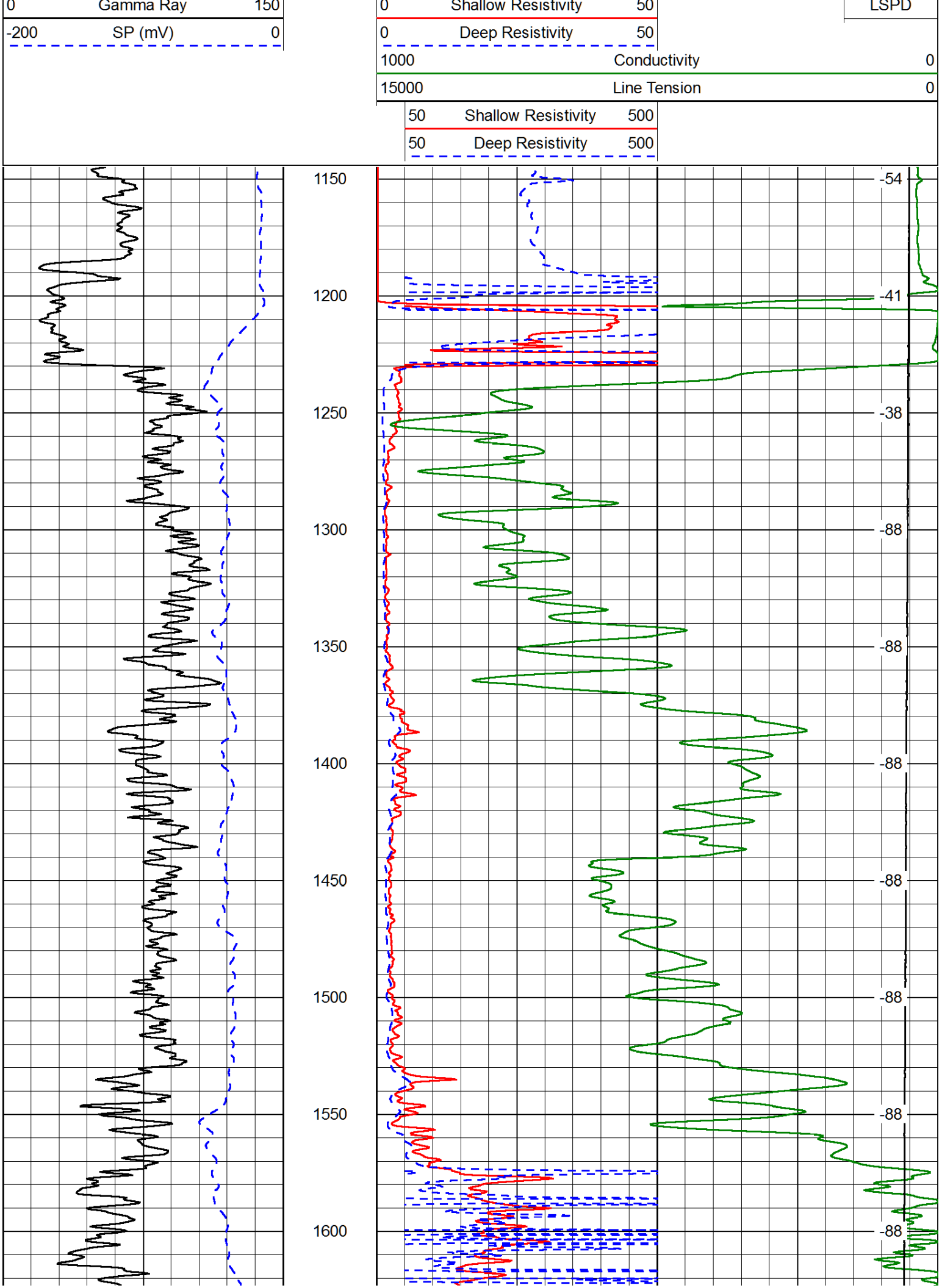
<<< Fold Here >>>

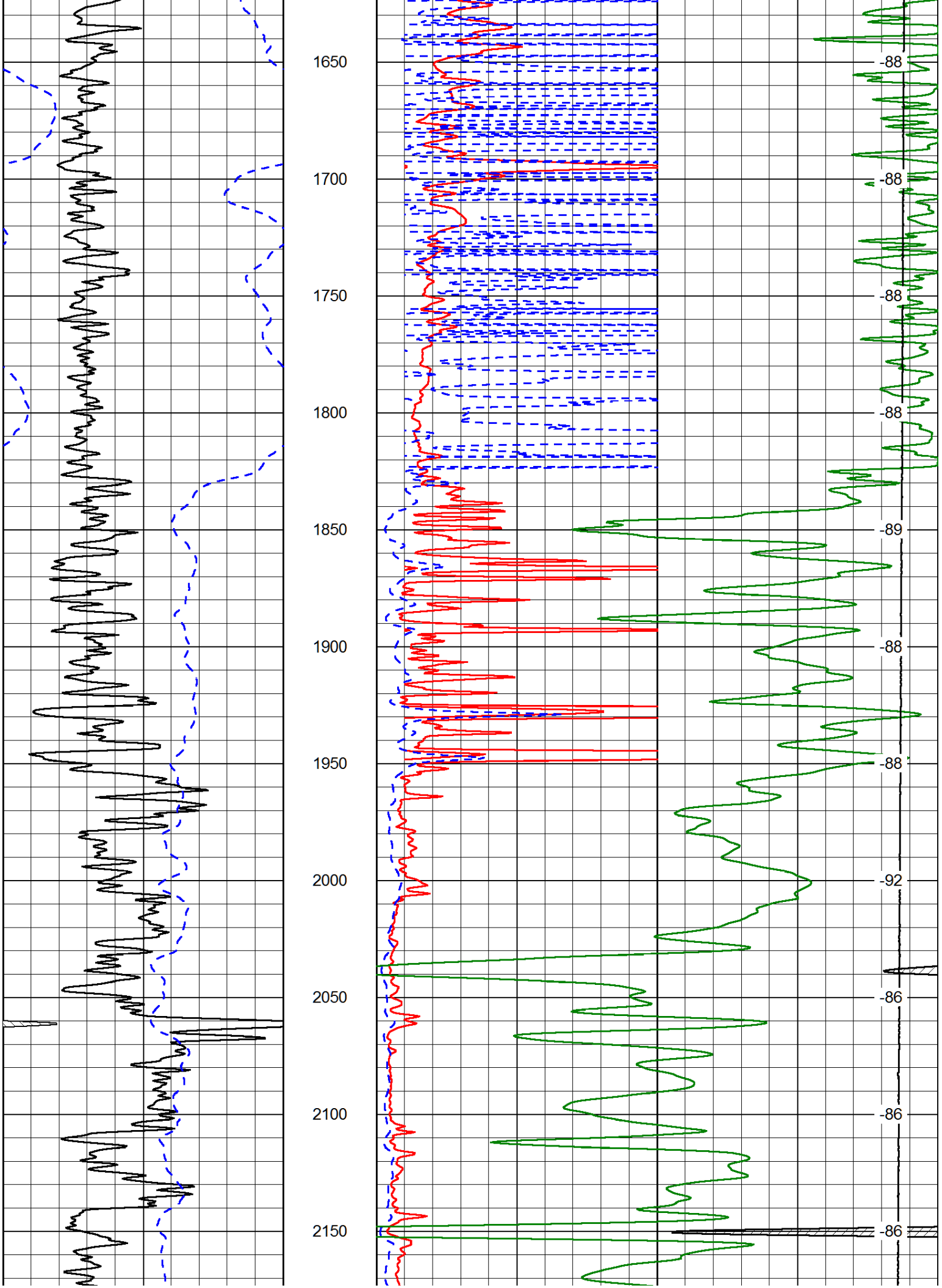
Comments

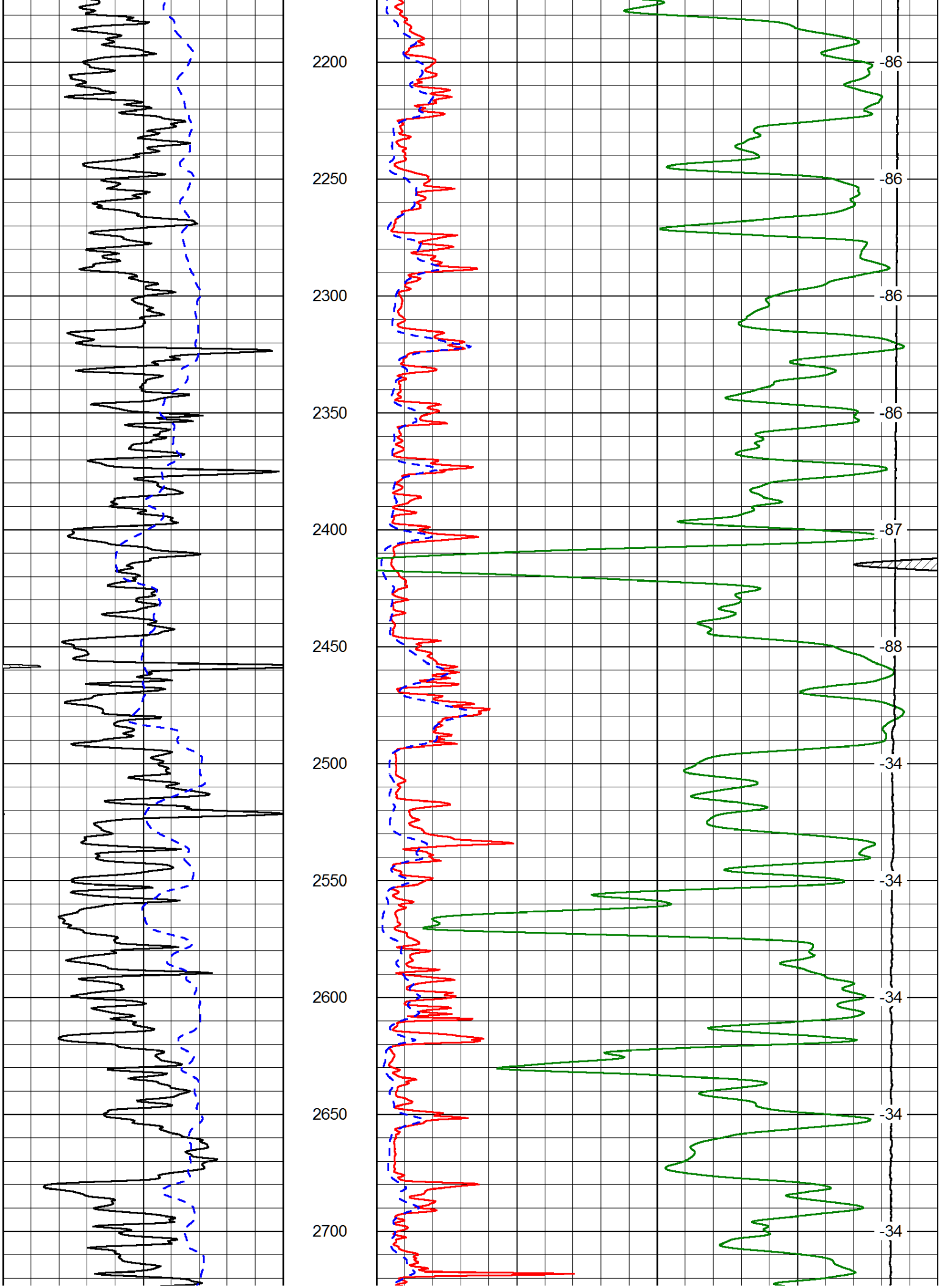
Thank you for using Log-Tech, Inc.
(785) 625-3858

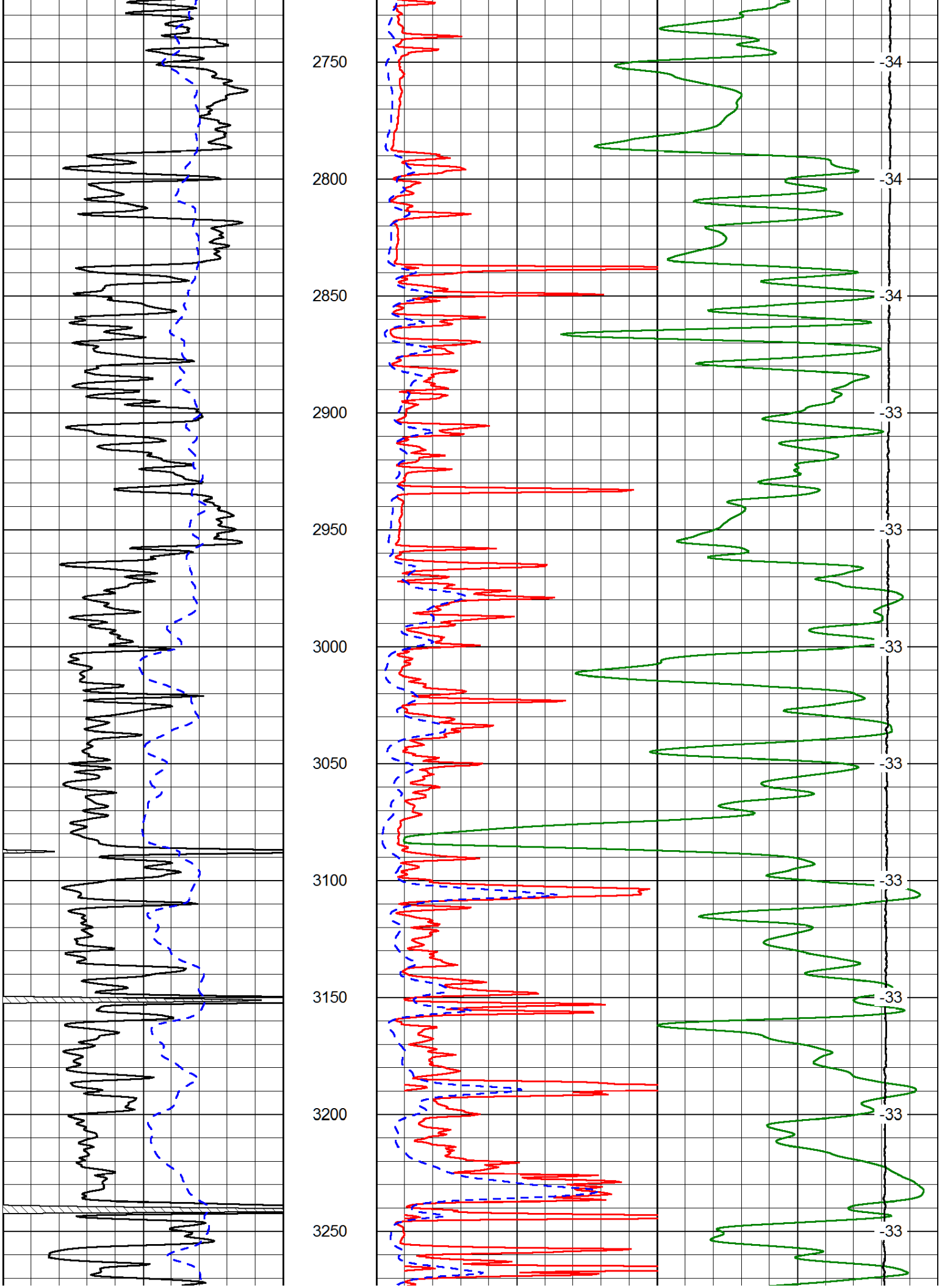
Antonino Kansas
South to Schoenchen Rd, 3/4 West, North Into

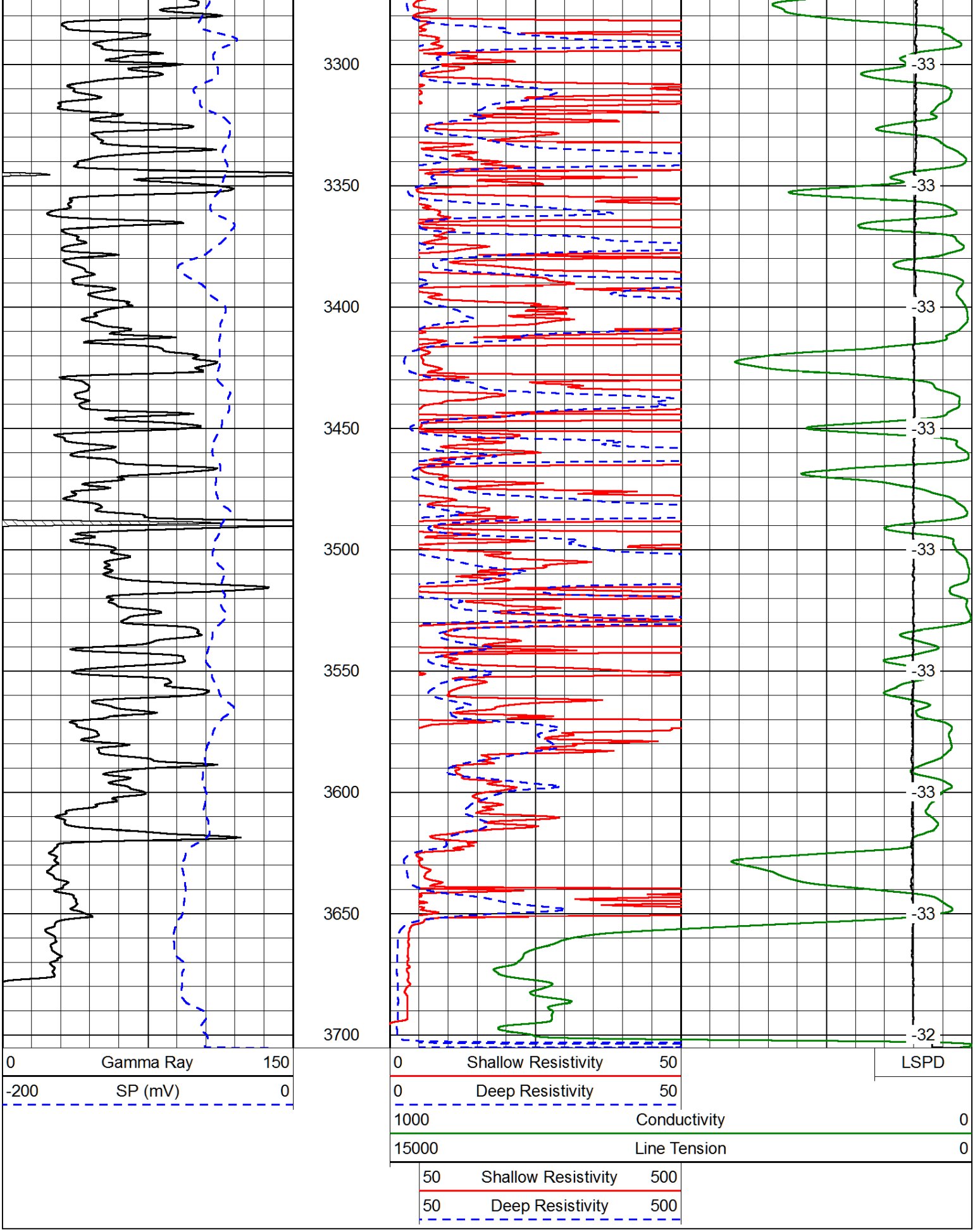
Database File:	tdi_werth_trust_1hd.db
Dataset Pathname:	DIL/tdistk
Presentation Format:	dil2in
Dataset Creation:	Thu Jul 03 18:20:30 2014
Charted by:	Depth in Feet scaled 1:600


0 Gamma Ray 150
-200 SP (mV) 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
LSPD
1000 Conductivity 0
15000 Line Tension 0
50 Shallow Resistivity 500
50 Deep Resistivity 500
1150
1200
1250
1300
1350
1400
1450
1500
1550
1600
-54
-41
-38
-88
-88
-88
-88
-88
-88


1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
-88
-88
-88
-88
-89
-88
-88
-92
-86
-86
-86


2200
2250
2300
2350
2400
2450
2500
2550
2600
2650
2700
-86
-86
-86
-86
-87
-88
-34
-34
-34
-34
-34


2750
2800
2850
2900
2950
3000
3050
3100
3150
3200
3250
-34
-34
-34
-33
-33
-33
-33
-33
-33
-33



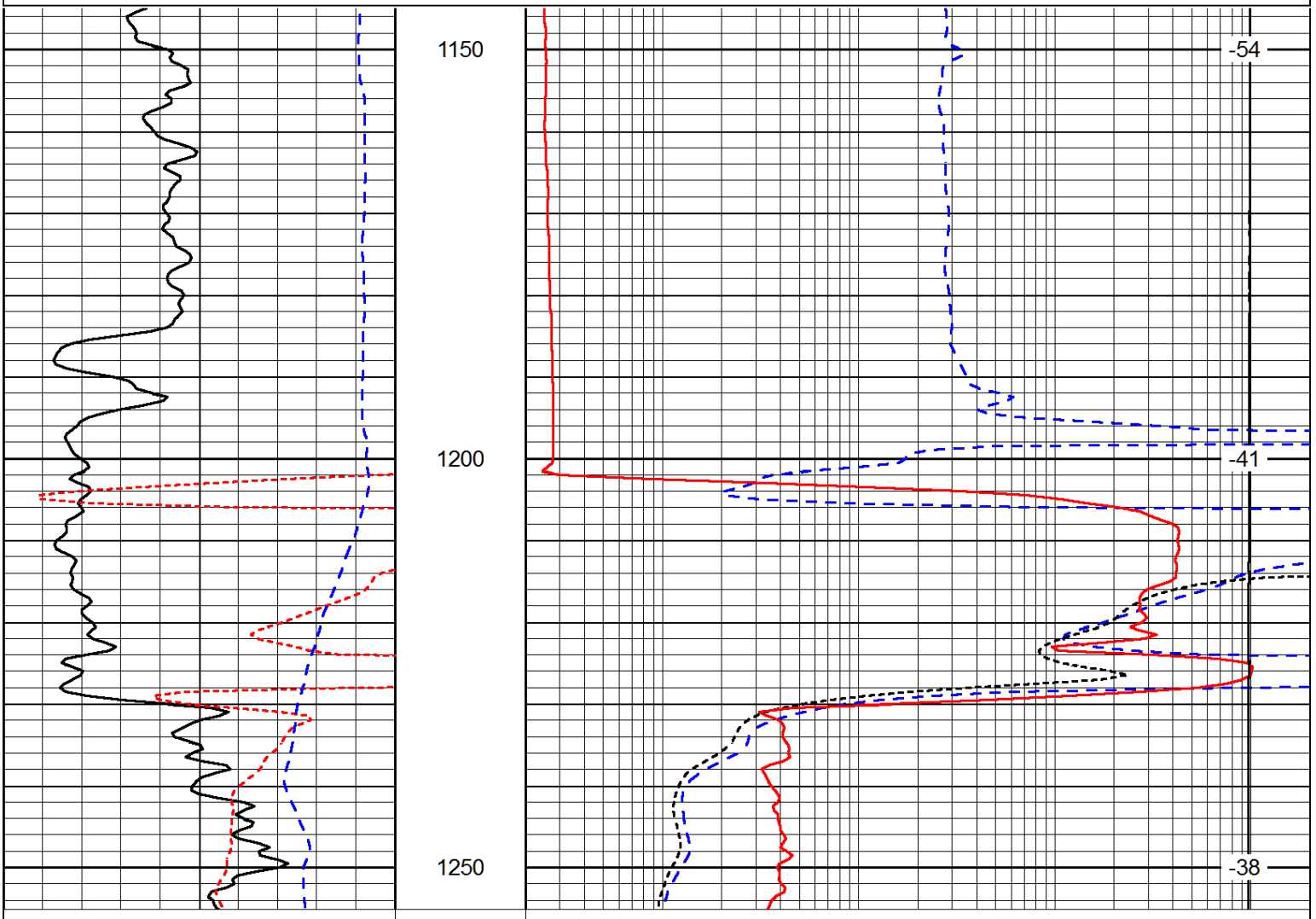
Database File:	tdi_werth_trust_1hd.db
Dataset Pathname:	DIL/tdistk
Presentation Format:	dil

Dataset Creation: Thu Jul 03 18:20:30 2014
Charted by: Depth in Feet scaled 1:240

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

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD



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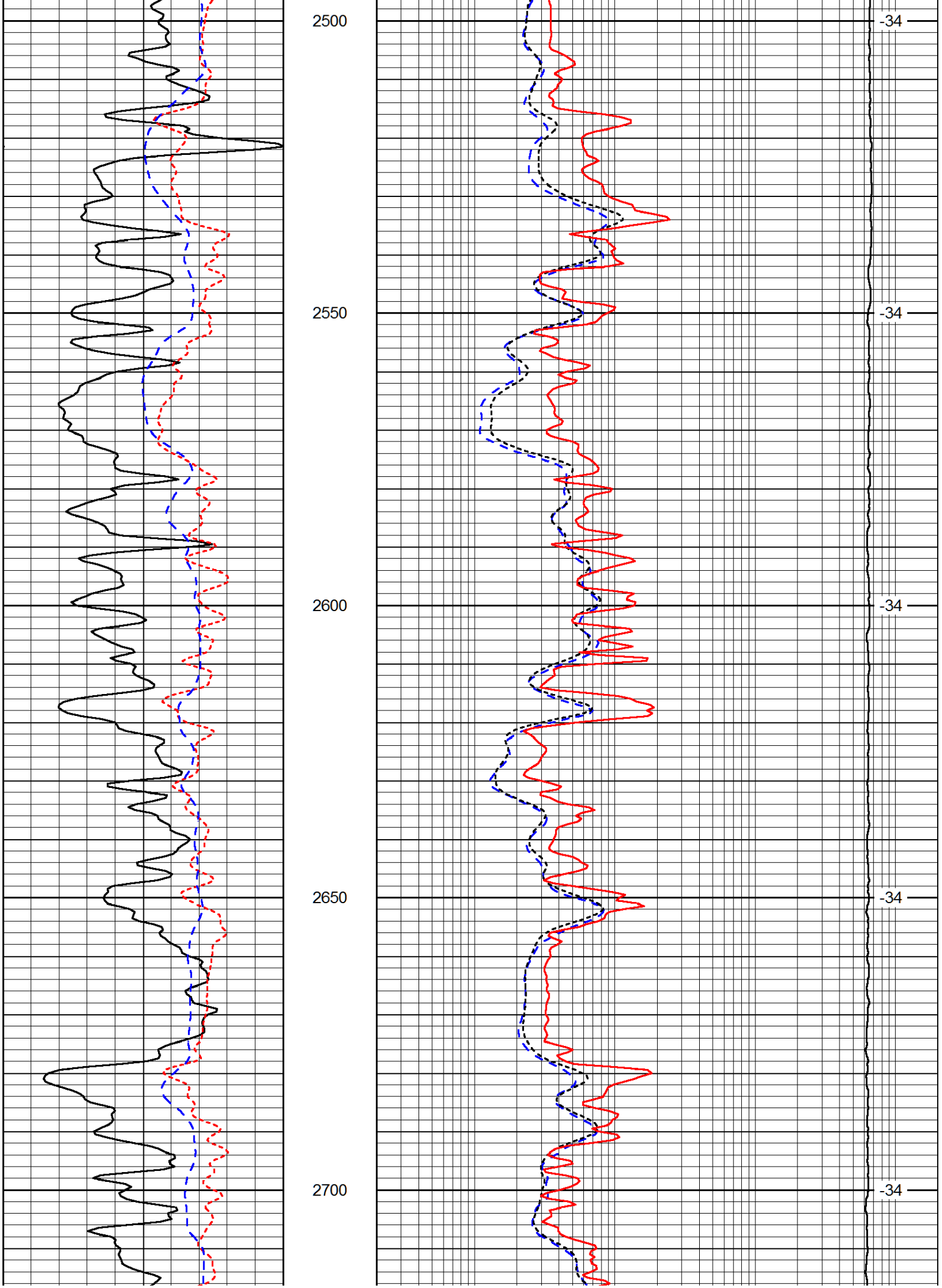
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2650
2700
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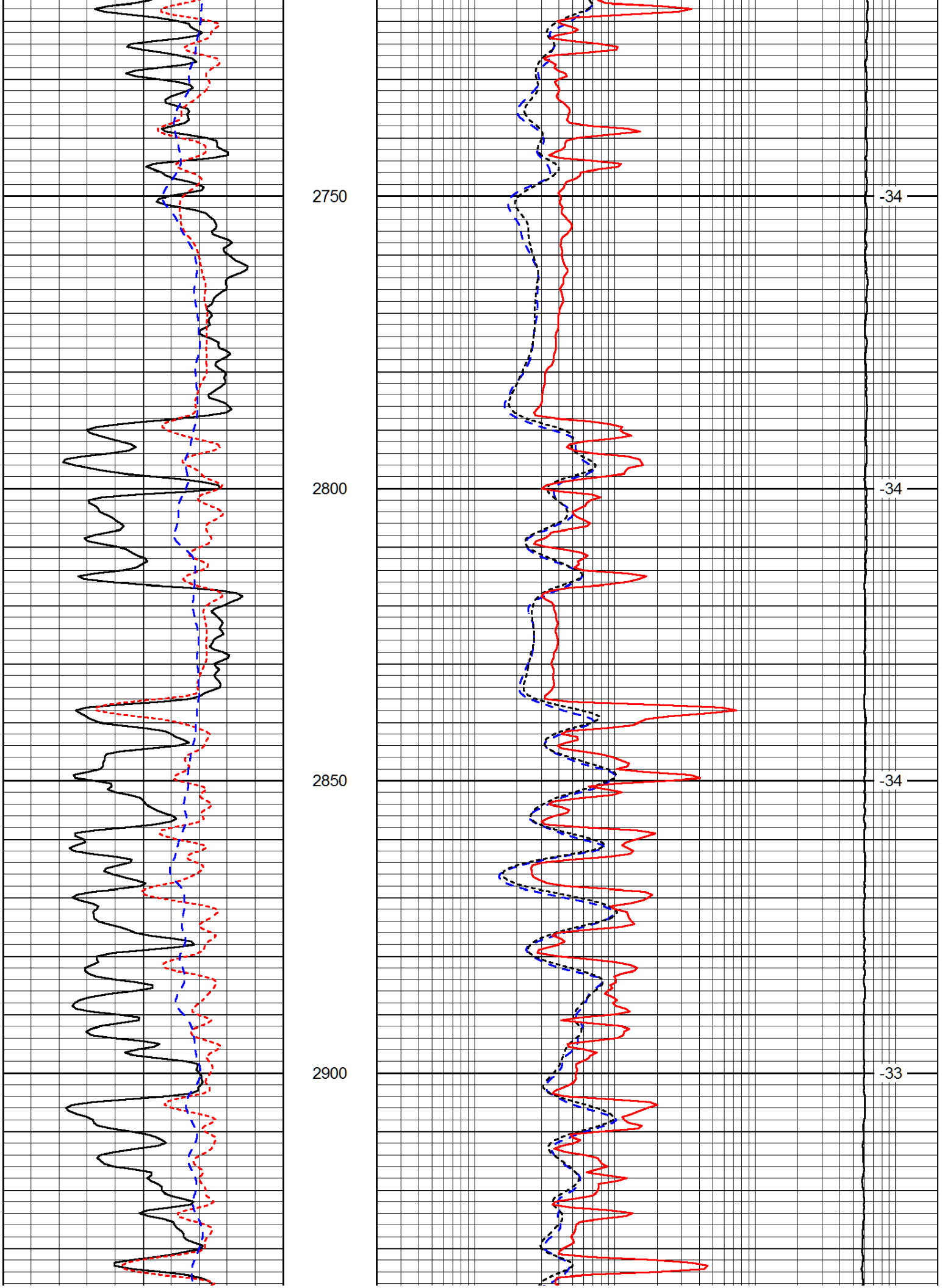
-34
-34
-34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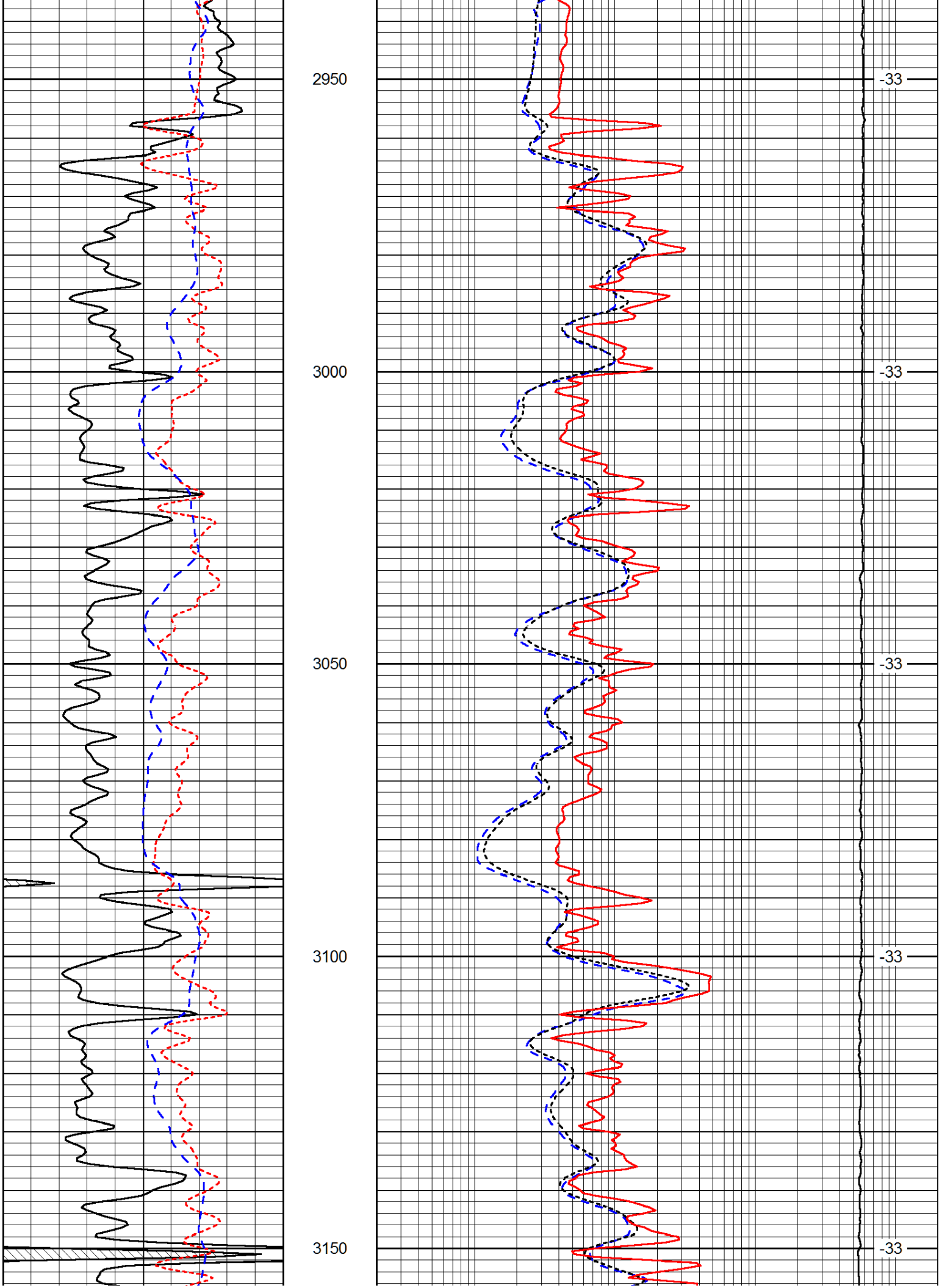
2800
2850
2900
-34
-34
-34
-33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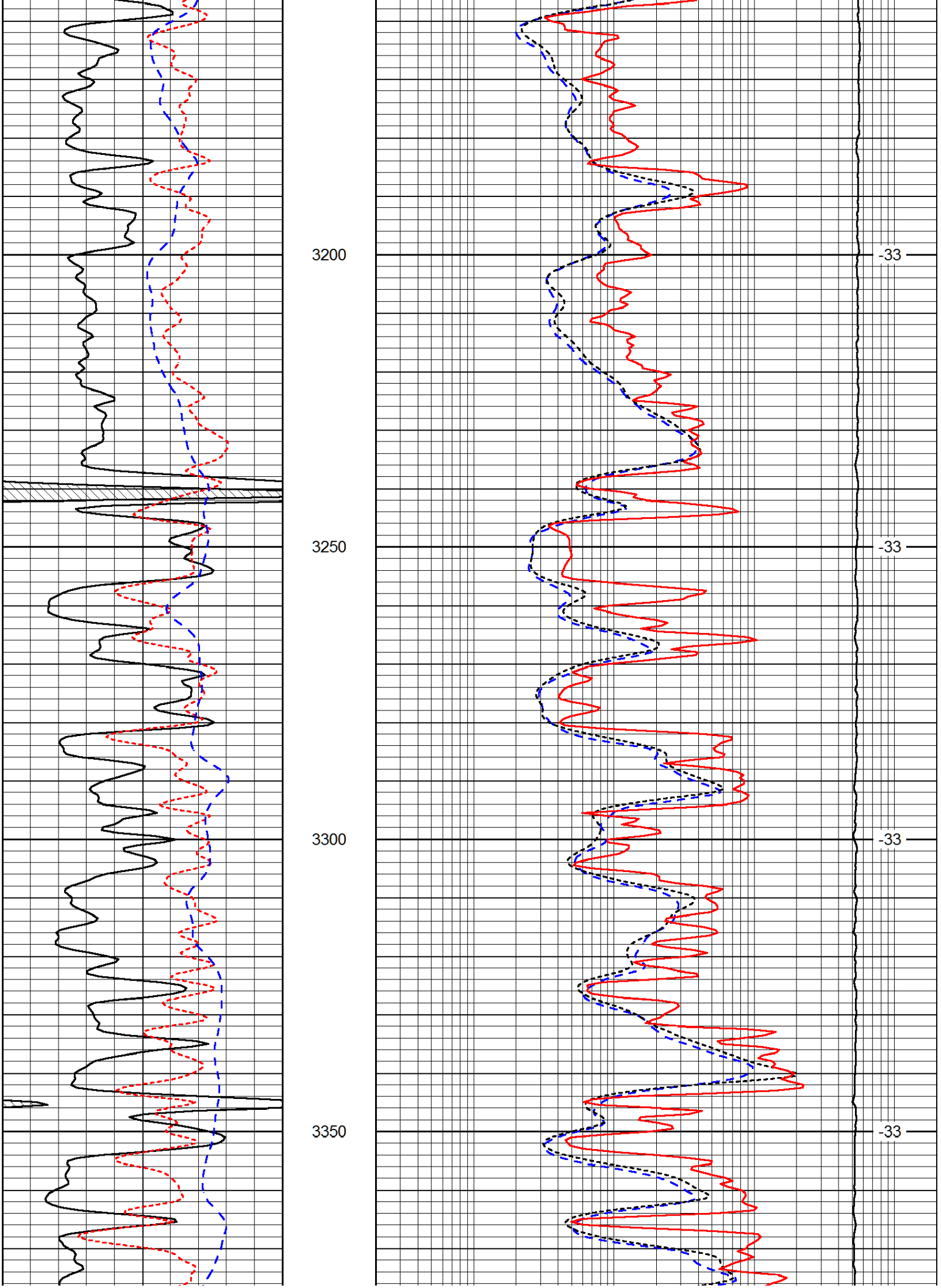
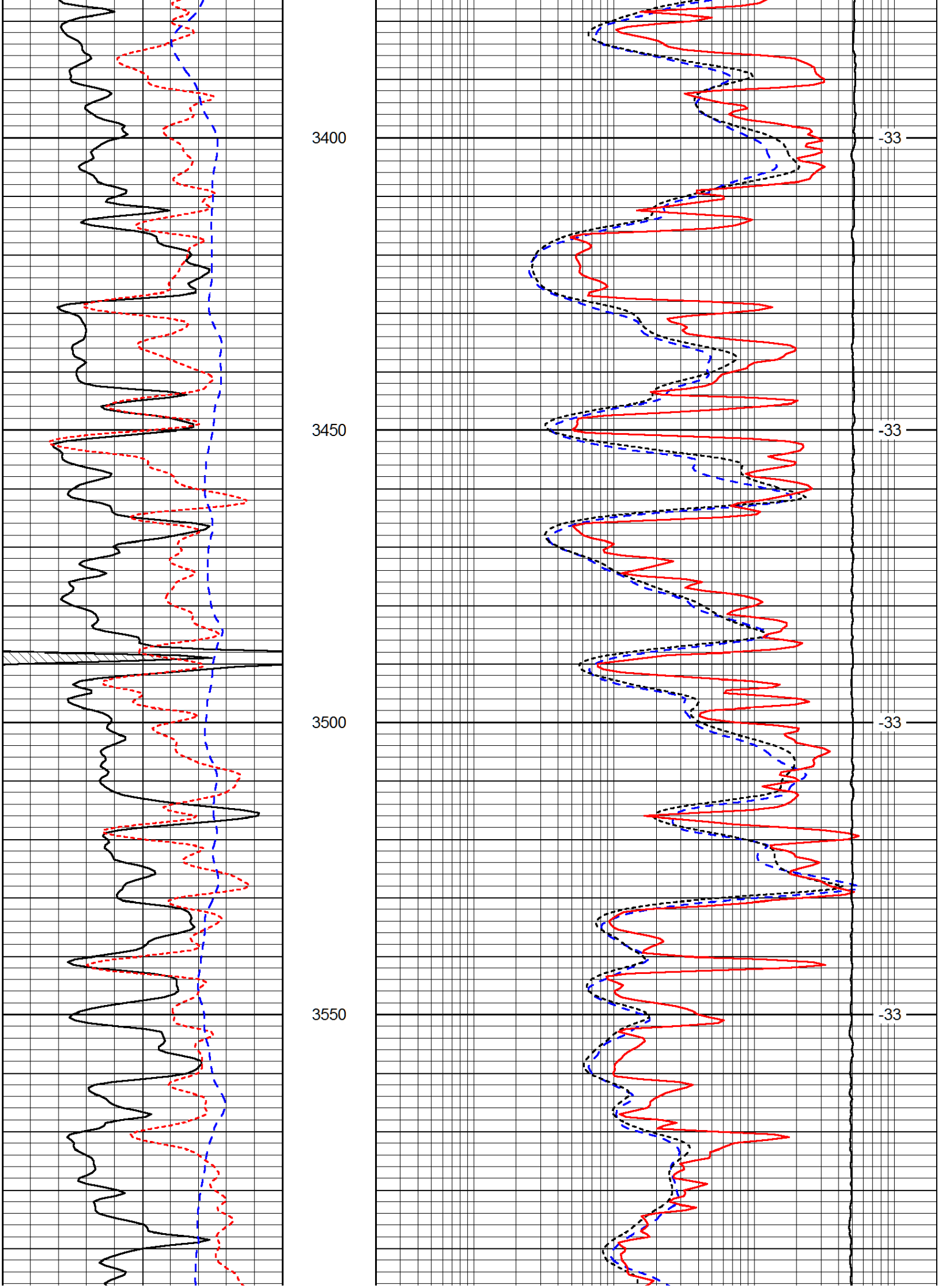
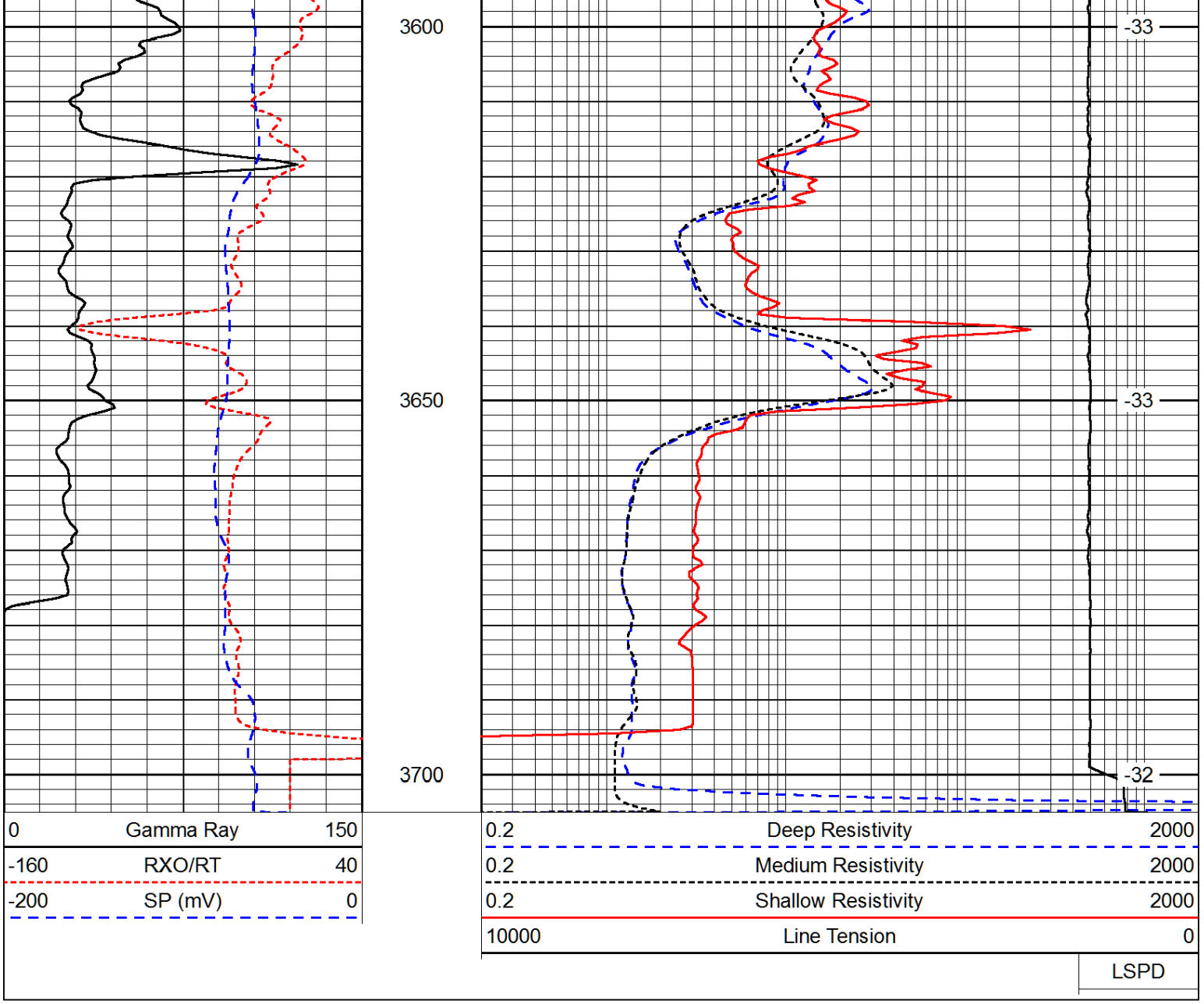
3000
3050
3100
3150
-33
-33
-33
-33
-33


3200
3250
3300
3350
-33
-33
-33
-33


3400
3450
3500
3550
-33
-33
-33
-33



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