LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-167-23794-00-00

Company L.D. Drilling, Inc.

Well Janice #2-14

Field Hall-Gurney

County Russell State Kansas

Location N2 SE SE SW
390' FSL / 2310' FWL
Sec: 14 Twp: 15S Rge: 12W

Other Services
CNL / CDL
MEL

Elevation
K.B. 1828
D.F.
G.L. 1823

Permanent Datum Ground Level Elevation 1823
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	4/23/2012			
Run Number	One			
Depth Driller	3360			
Depth Logger	3361			
Bottom Logged Interval	3360			
Top Log Interval	500			
Casing Driller	8.625 @ 522			
Casing Logger	516			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	5000			
Density / Viscosity	9.1 63			
pH / Fluid Loss	11.0 8.0			
Source of Sample	Flowline			
Rm @ Meas. Temp	0.60 @ 60			
Rmf @ Meas. Temp	0.45 @ 60			
Rmc @ Meas. Temp	0.81 @ 60			
Source of Rmf / Rmc	Charts			
Rm @ BHT	0.33 @ 110			
Operating Rig Time	4 Hours			
Max Rec. Temp. F	110			
Equipment Number	15			
Location	Hays			
Recorded By	R. Barnhart			
Witnessed By	Josh Austin			

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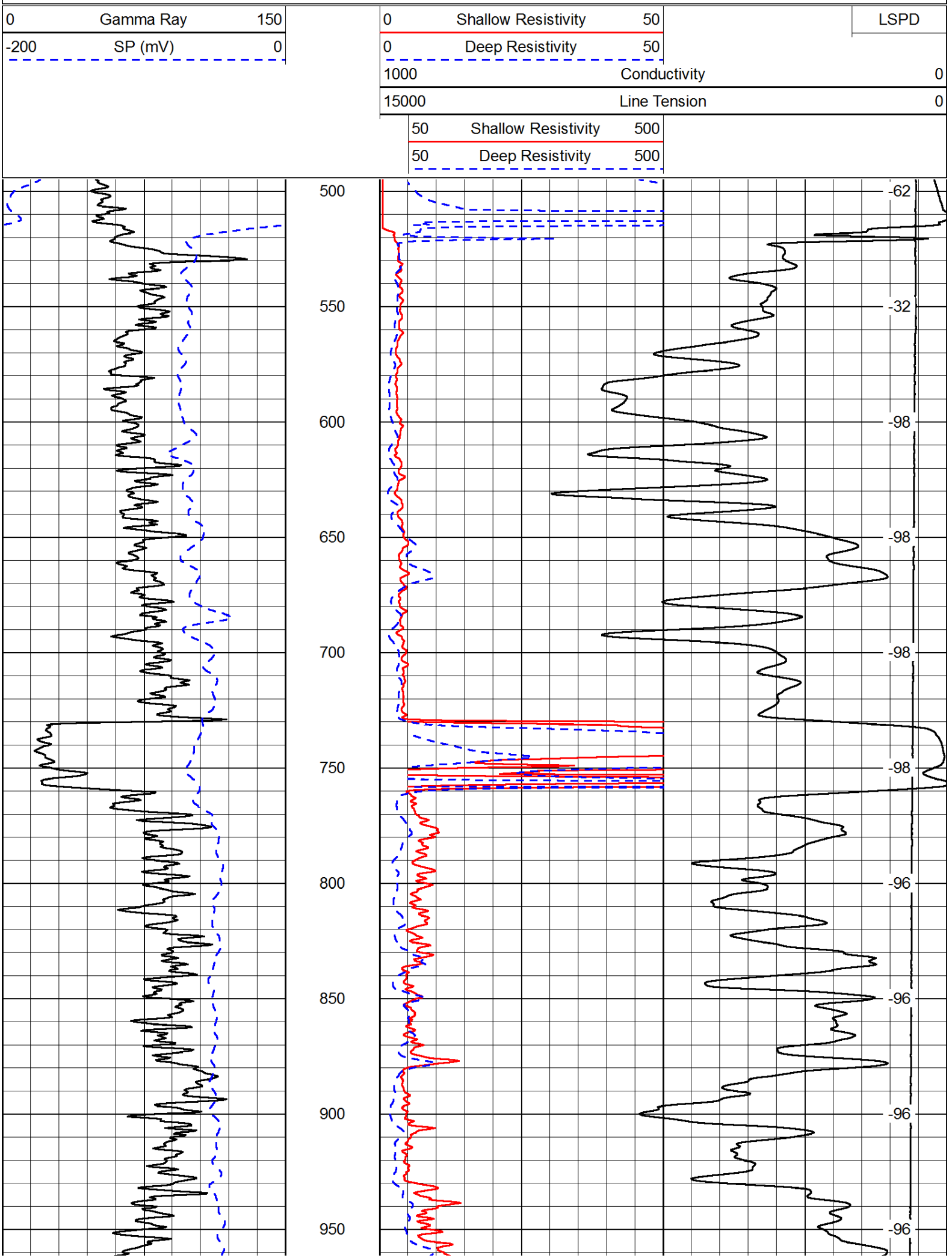
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

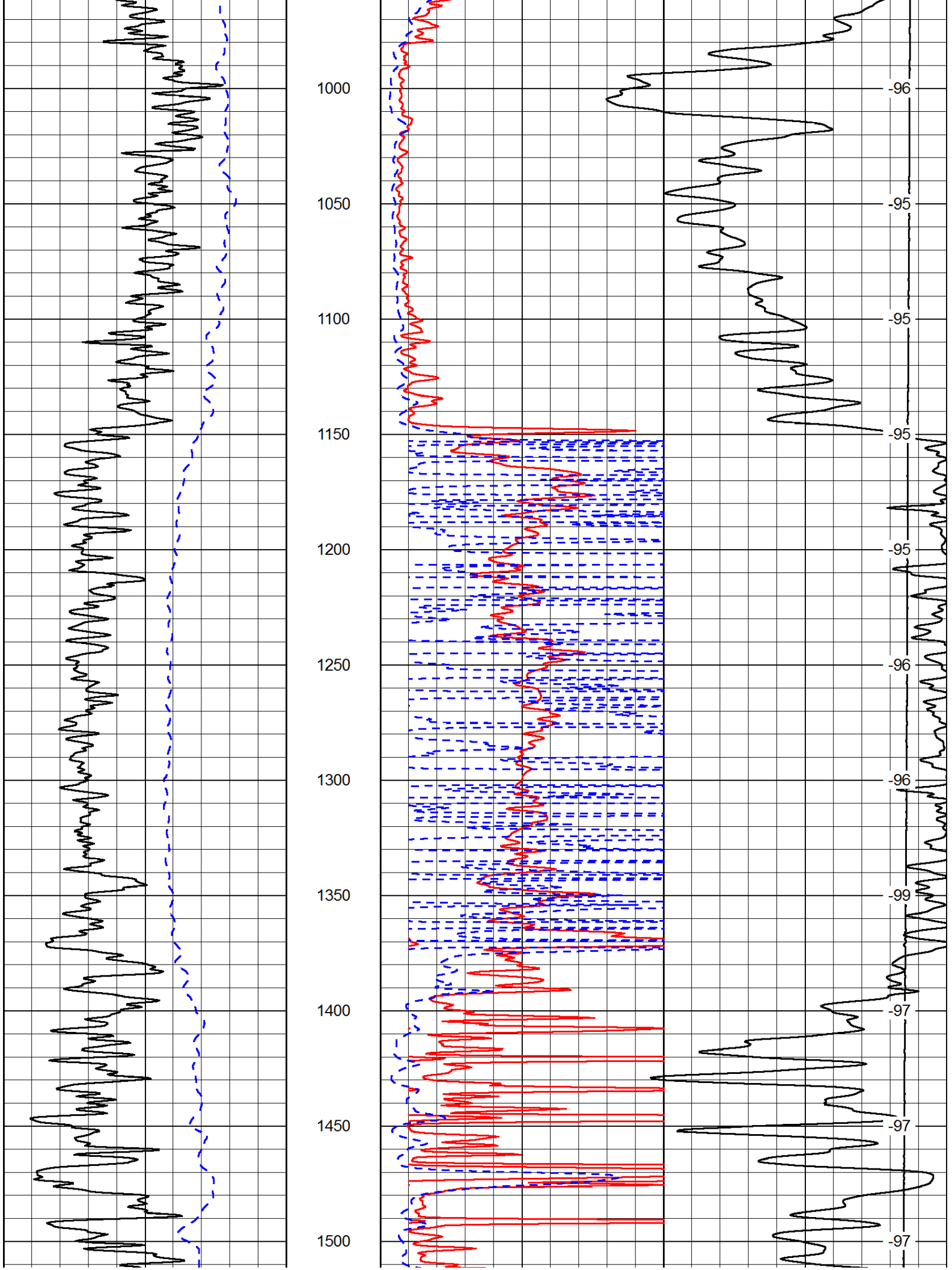
Comments

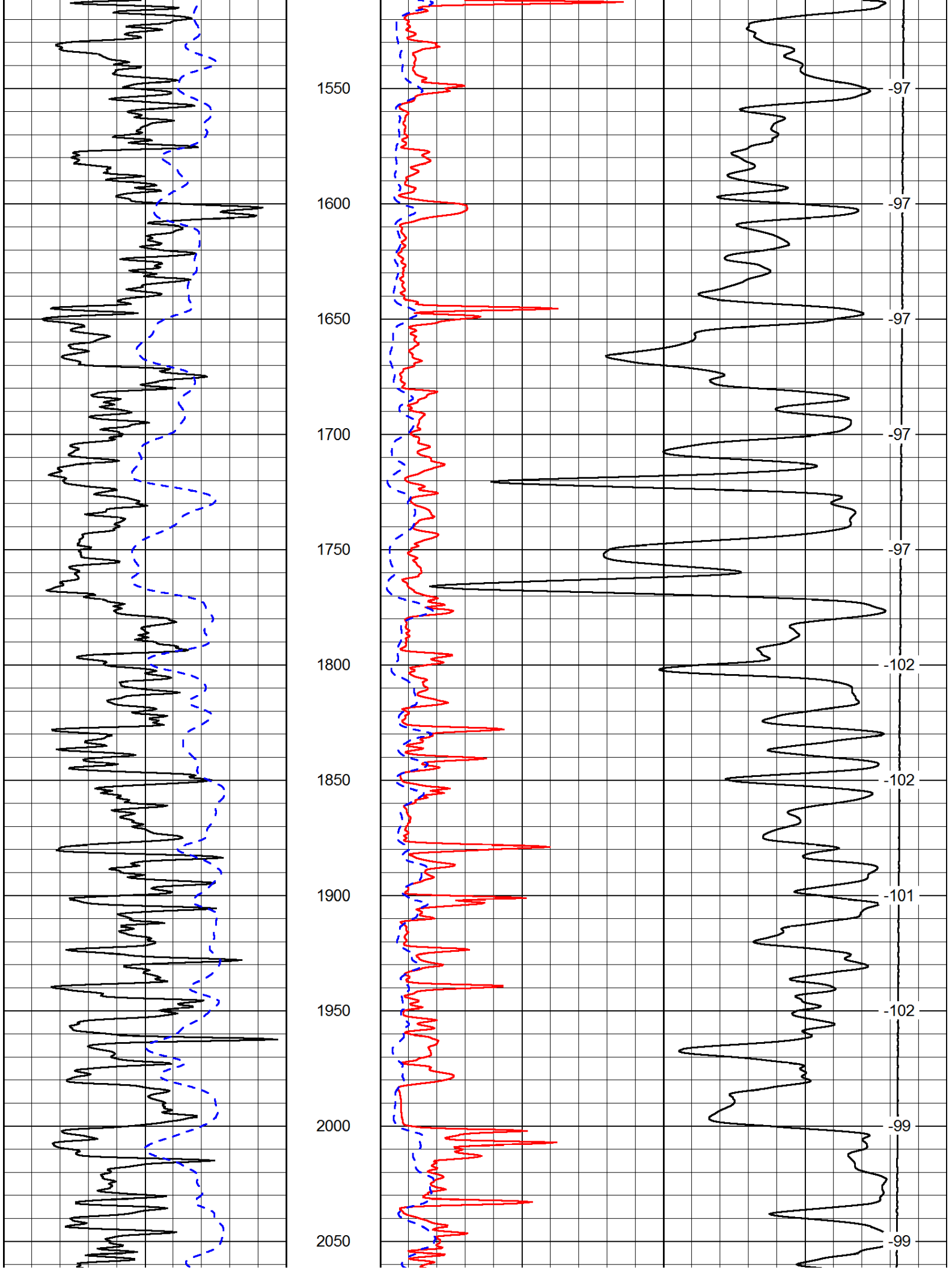
Thank you for using Log-Tech, Inc.
(785) 625-3858

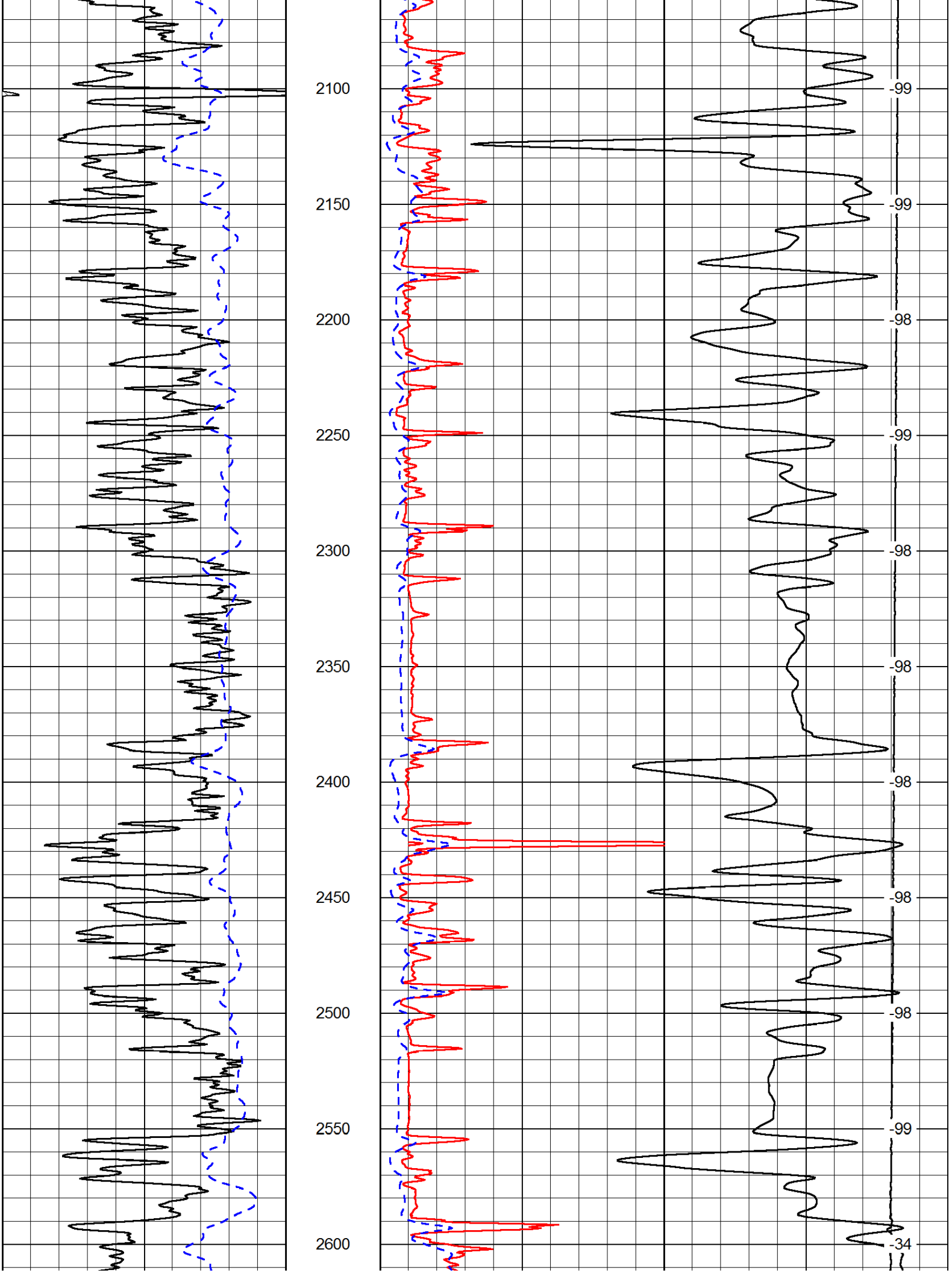
Russell, KS:
10S to Milberger Rd, 13E to
198 Rd., 3N, 1/2W, S into

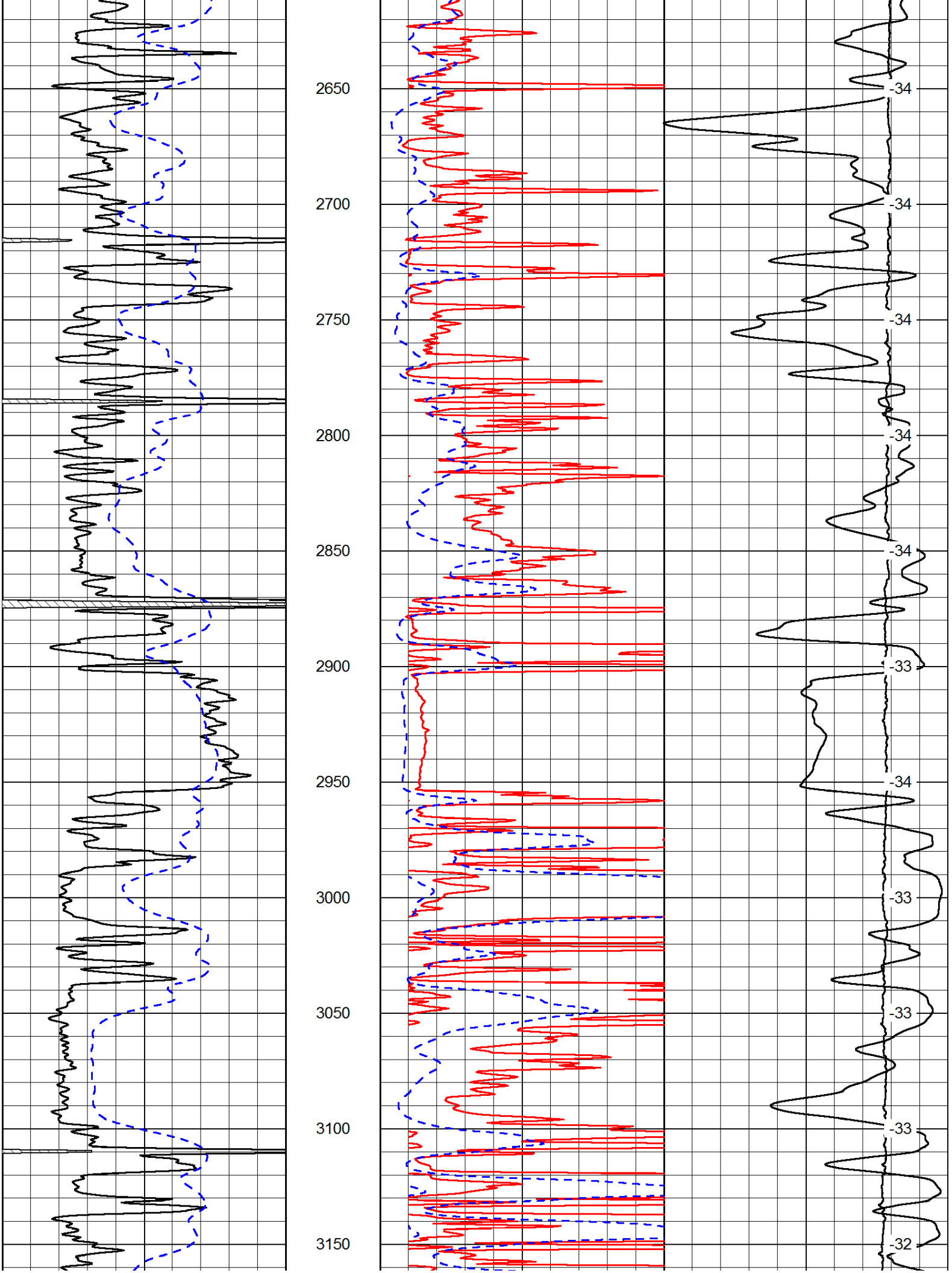
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Charted by:	Depth in Feet scaled 1:600

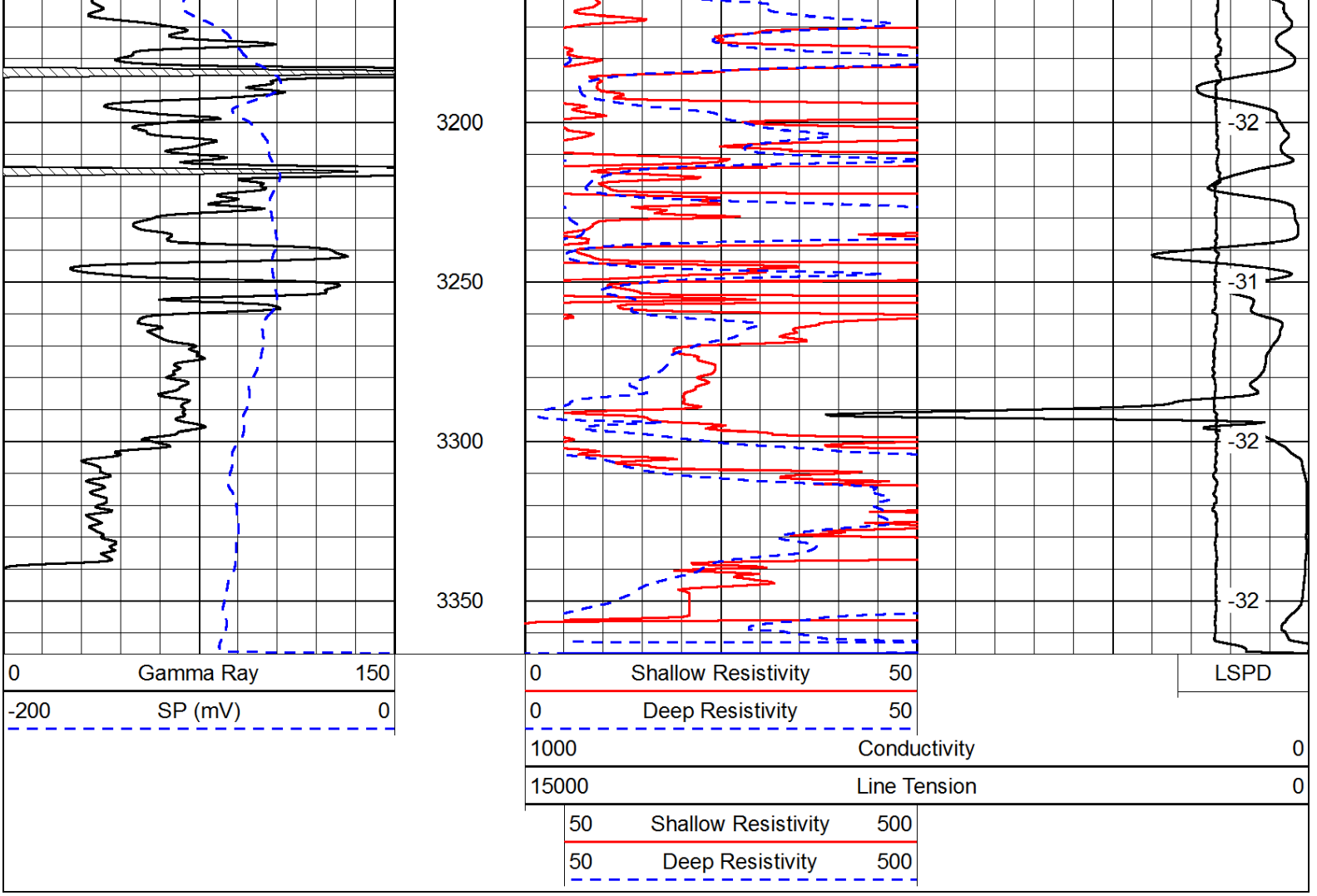

0 Gamma Ray 150
-200 SP (mV) 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
LSPD
1000 Conductivity 0
15000 Line Tension 0
50 Shallow Resistivity 500
50 Deep Resistivity 500
500
550
600
650
700
750
800
850
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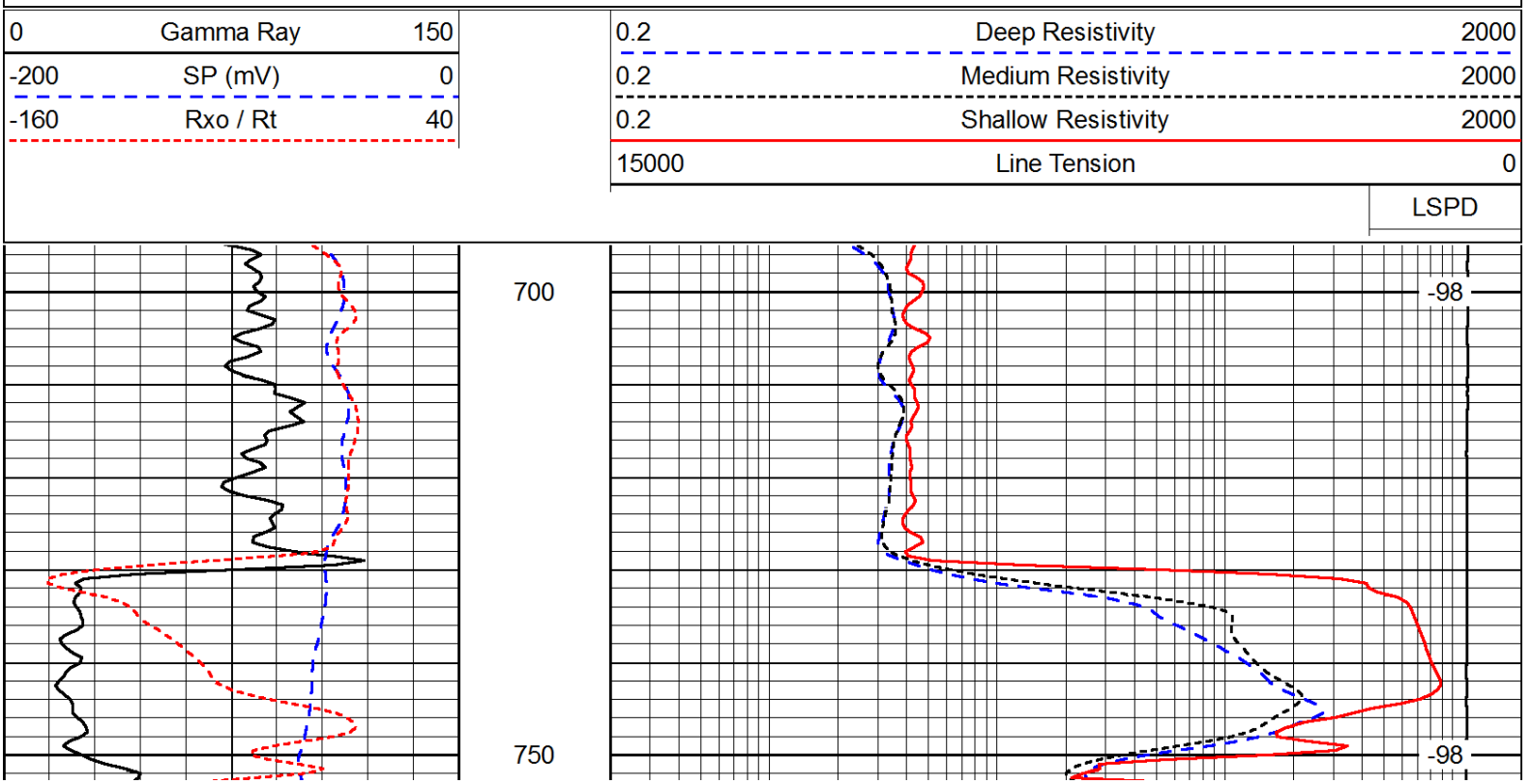

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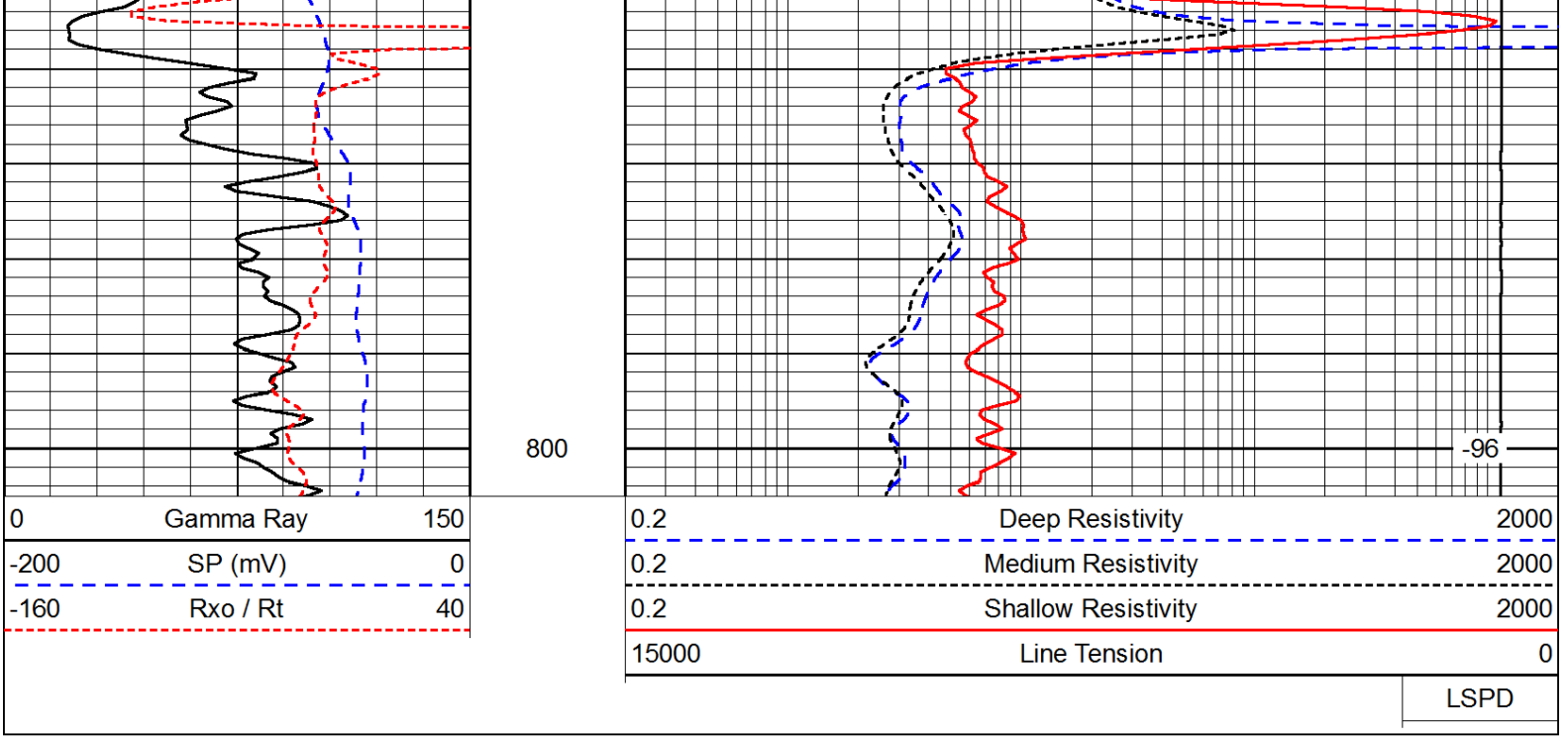

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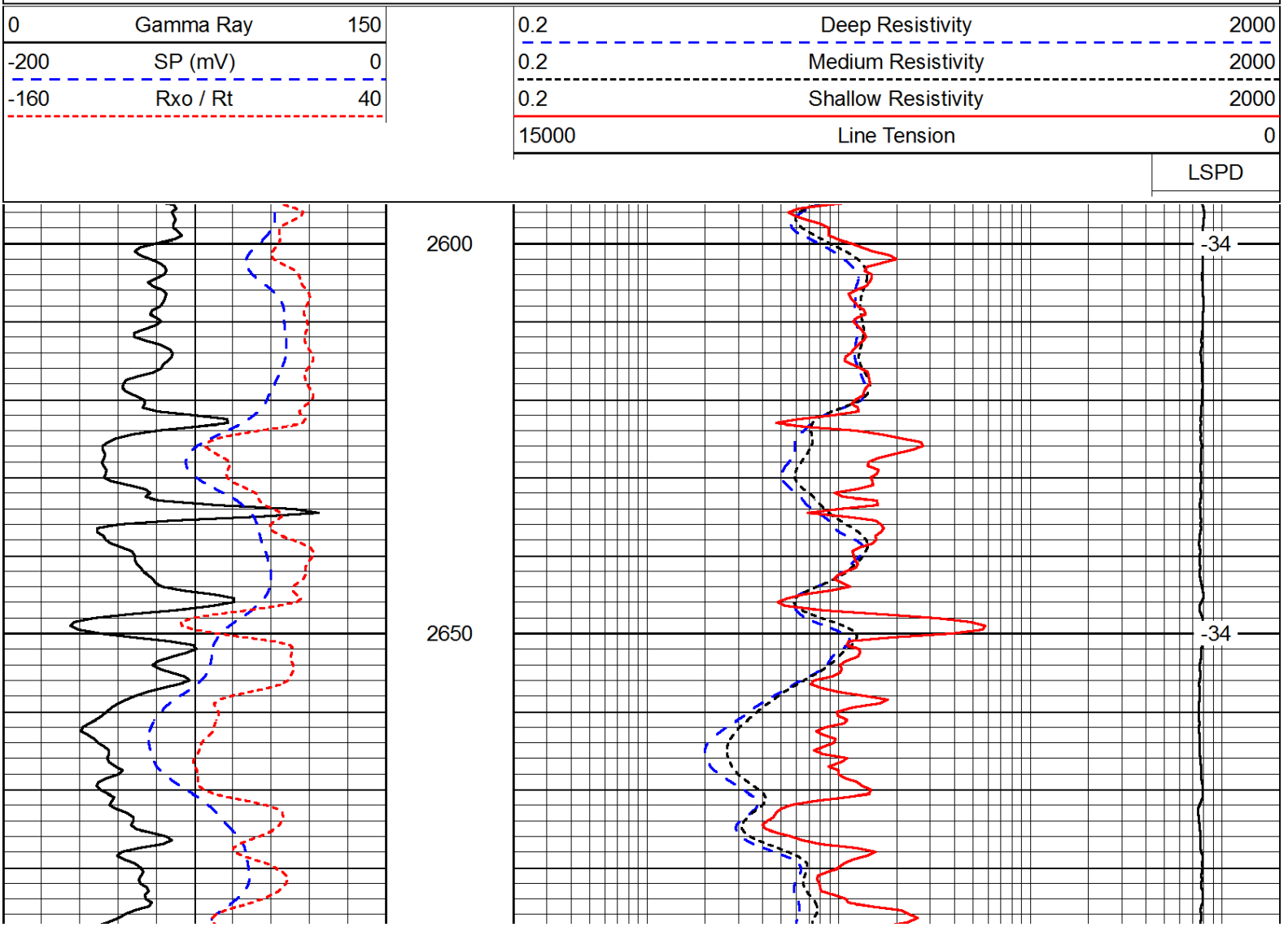


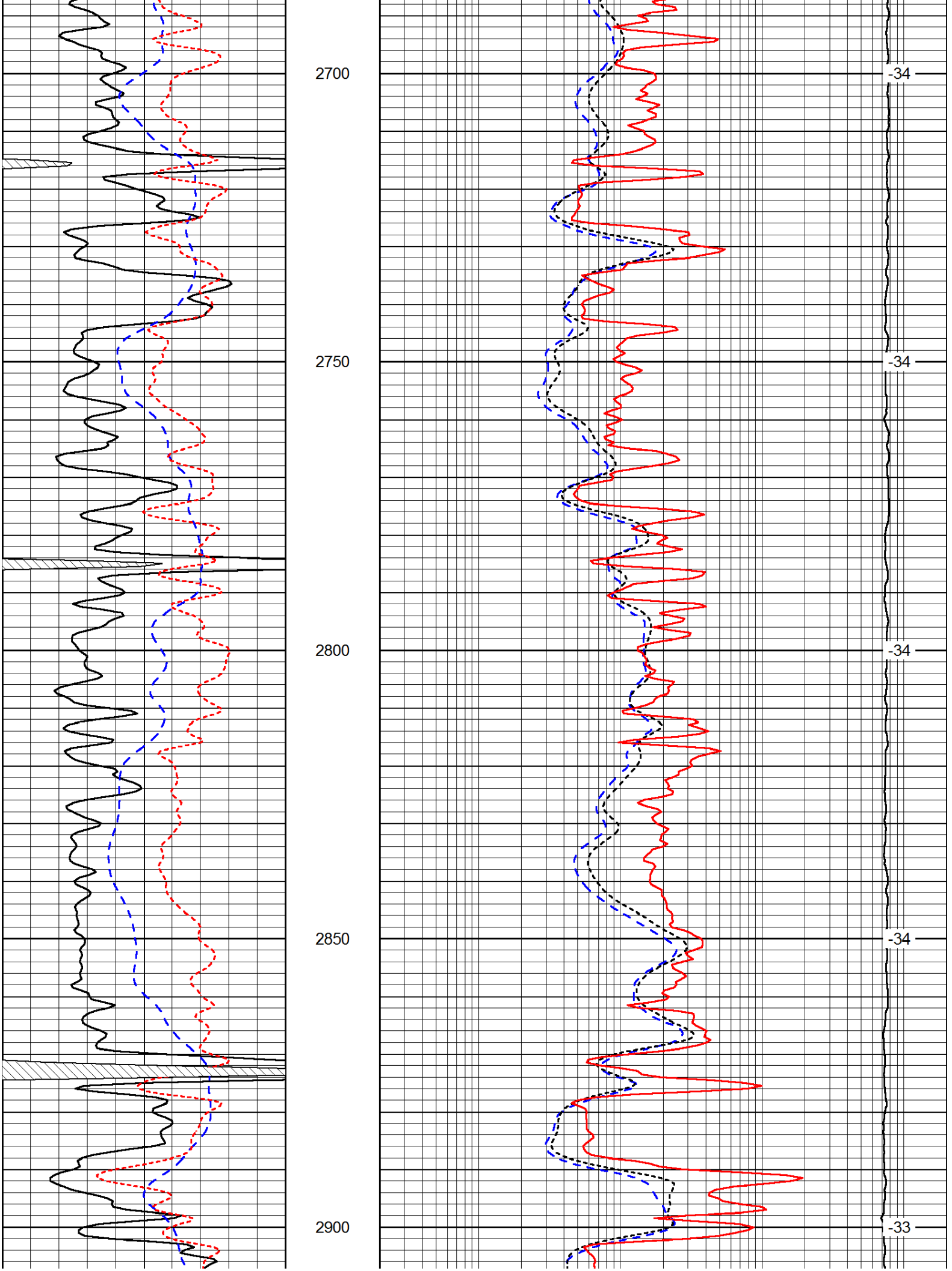
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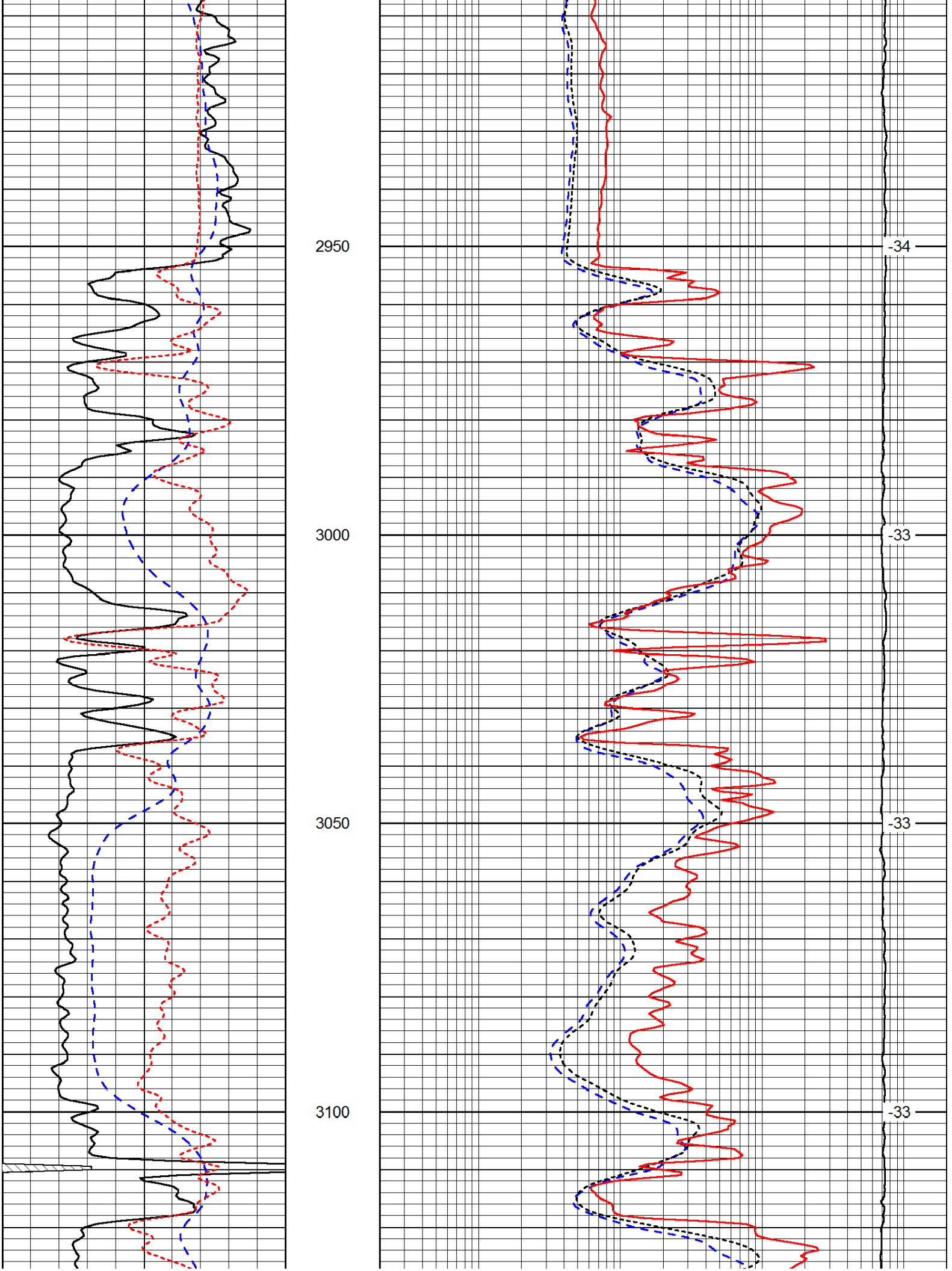


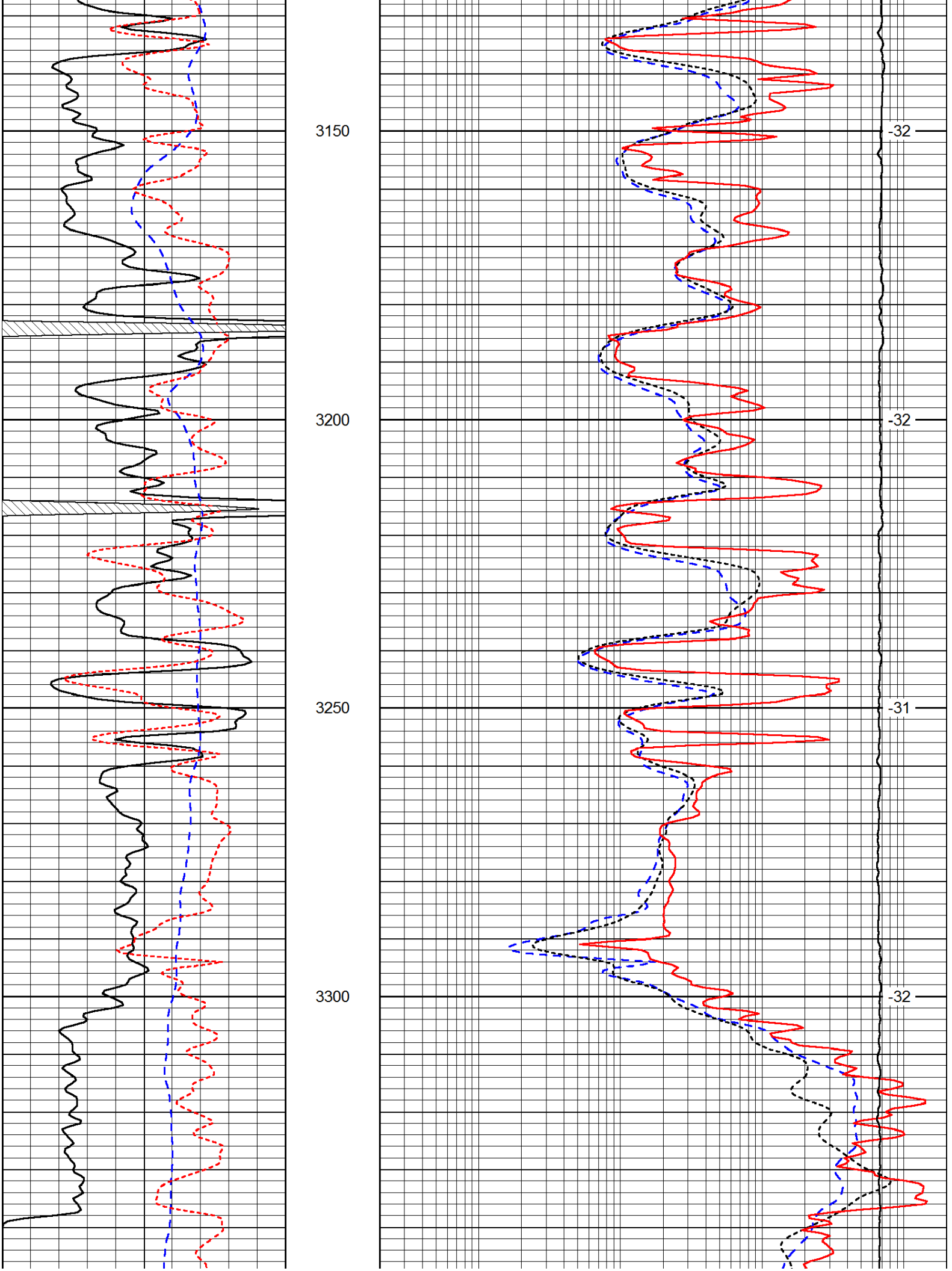


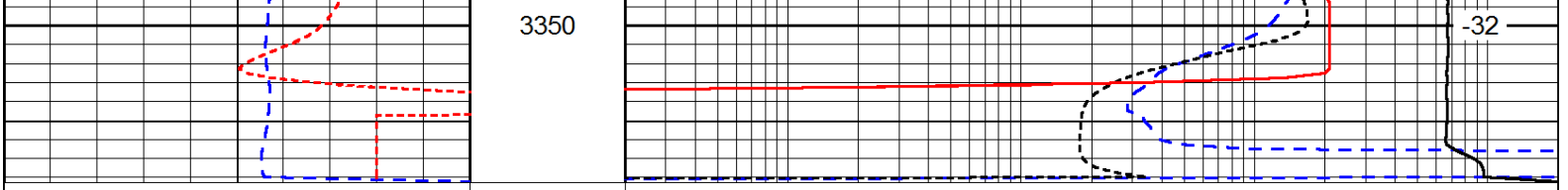
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2700
2750
2800
2850
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-34
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-34
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-33


2950
3000
3050
3100
-34
-33
-33
-33


3150
3200
3250
3300
-32
-32
-31
-32



0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

LSPD