LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-165-21,918-00-00

Company Hess Oil Company

Well Velma Unit No. 1

Field

County Rush State Kansas

Location 145' FSL & 2,600' FEL

Sec: 13 Twp: 17 S Rge: 20 W

Other Services
CNL/CDL
BHCS

Elevation
K.B. 2182
D.F.
G.L. 2177

Permanent Datum Ground Level Elevation 2177
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	3/15/2011		
Run Number	One		
Depth Driller	4100		
Depth Logger	4098		
Bottom Logged Interval	4097		
Top Log Interval	200		
Casing Driller	8.625 @ 225		
Casing Logger	226		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	3000		
Density / Viscosity	9.2 55		
pH / Fluid Loss	10 10		
Source of Sample	Flowline		
Rm @ Meas. Temp	.62 @ 62		
Rmf @ Meas. Temp	.47 @ 62		
Rmc @ Meas. Temp	.84 @ 62		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.33 @ 117		
Operating Rig Time	4 Hours		
Max. Rec. Temp. F	117		
Equipment Number	10		
Location	Hays		
Recorded By	Jim Schuler		
Witnessed By	Jamie Hess		

<<< Fold Here >>>

Comments

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

Hargrave, Kansas, 2 1/2 West to 150 Road, 1 North to Ave J,
1/2 East, North Into

Database File:	c:\warrior\data\hess_velma no. 1\hess_velma_1hd.db
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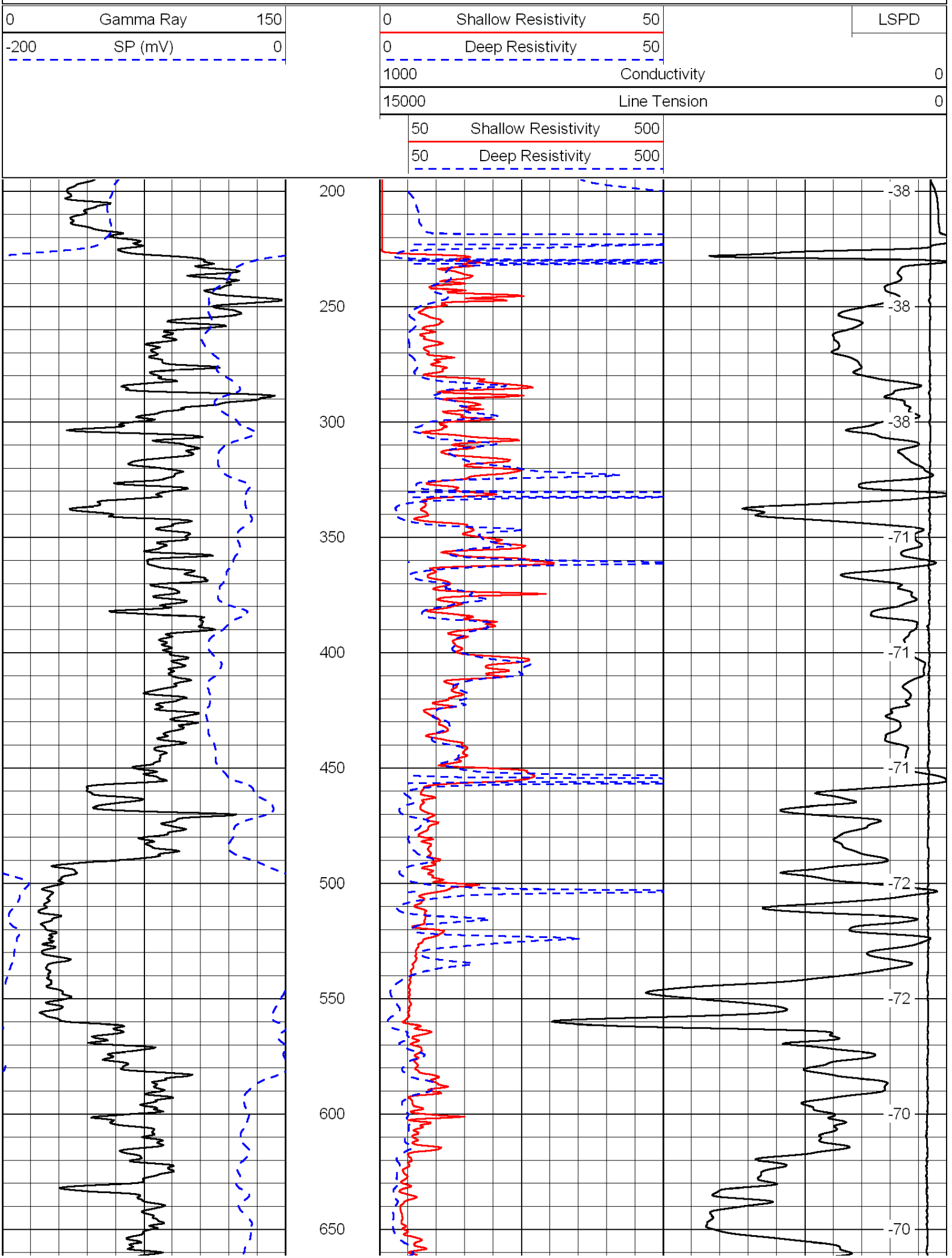
Presentation Format:	dil2in
Dataset Creation:	Tue Mar 15 18:31:54 2011
Charted by:	Depth in Feet scaled 1:600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-200 SP (mV) 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
1000 Conductivity 0
15000 Line Tension 0
LSPD
50 Shallow Resistivity 500
50 Deep Resistivity 500
200
250
300
350
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500
550
600
650
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-38
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-71
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-72
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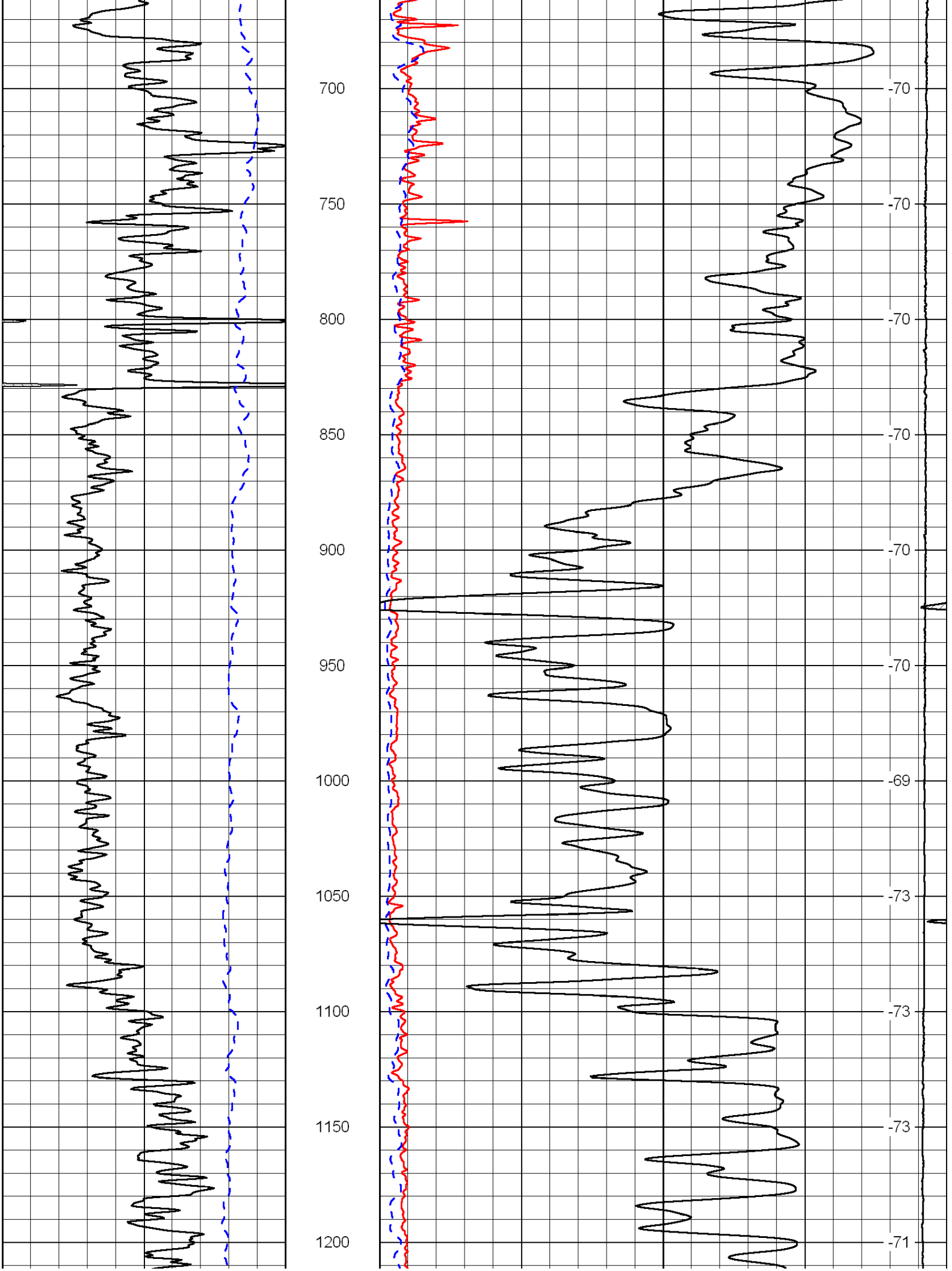
-70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800
850
900
950
1000
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1100
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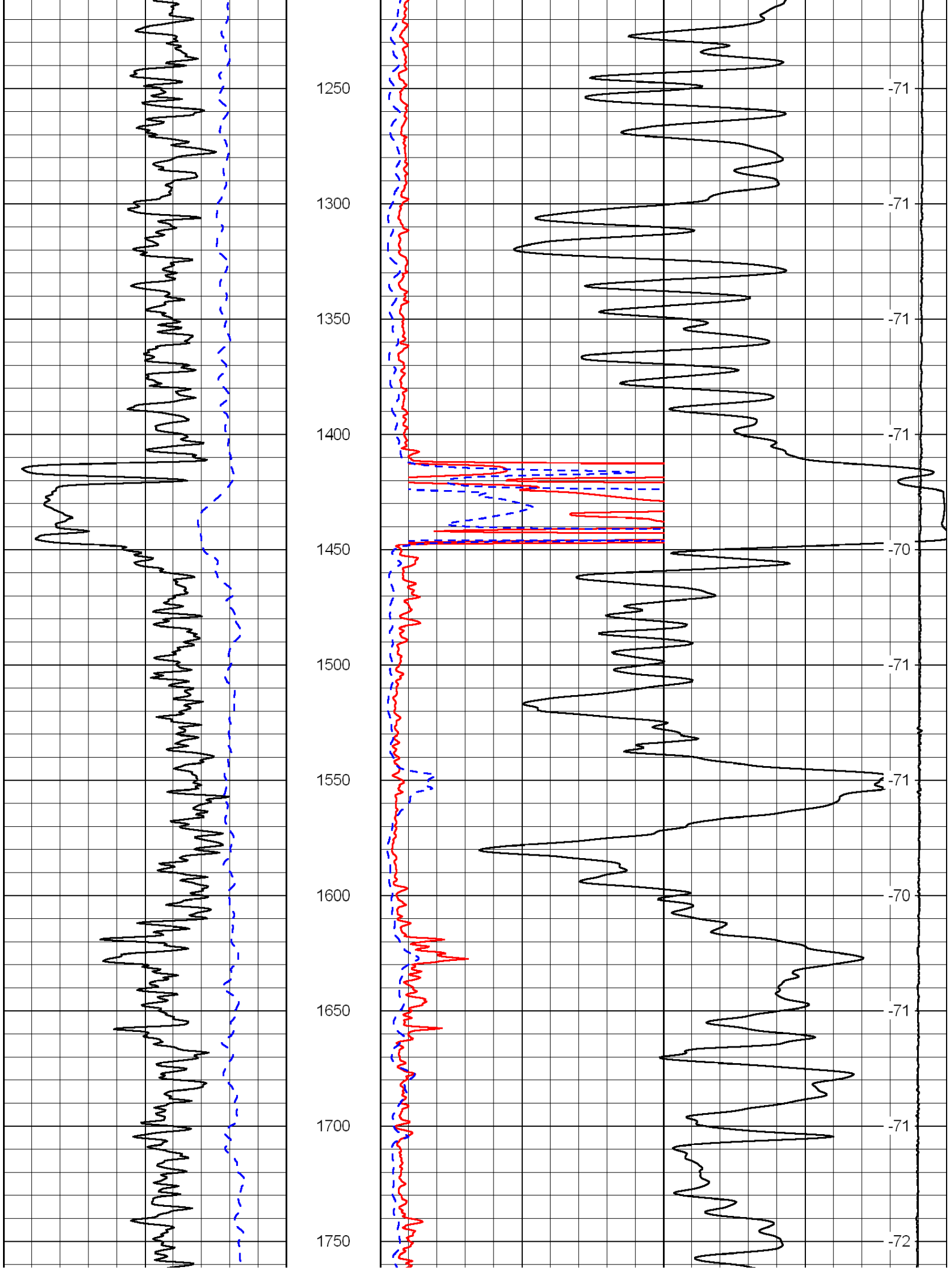
-73
-73
-73
-71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1300
1350
1400
1450
1500
1550
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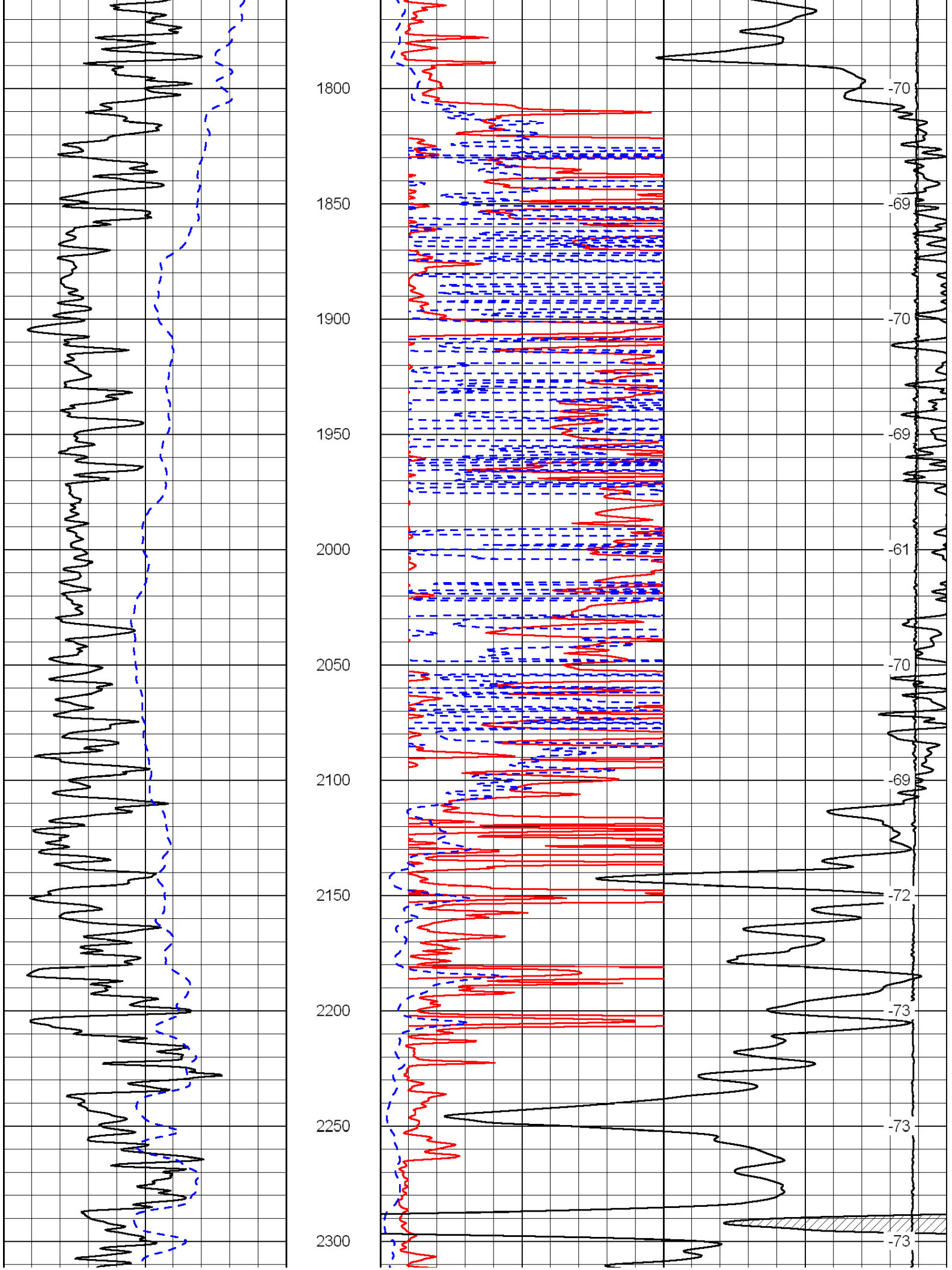
-71
-72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1850
1900
1950
2000
2050
2100
2150
2200
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2300
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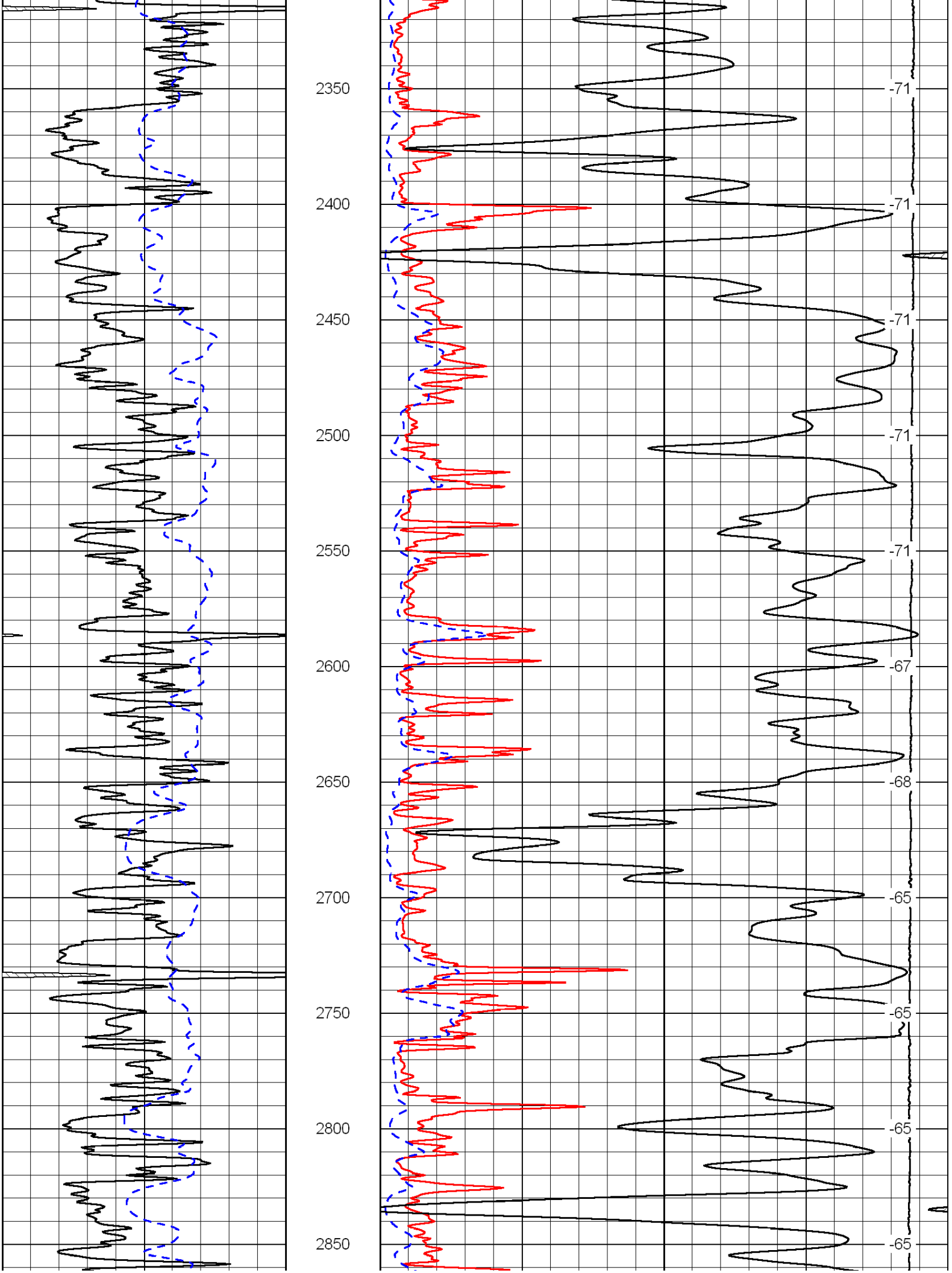
-69
-72
-73
-73
-73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2500
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2600
2650
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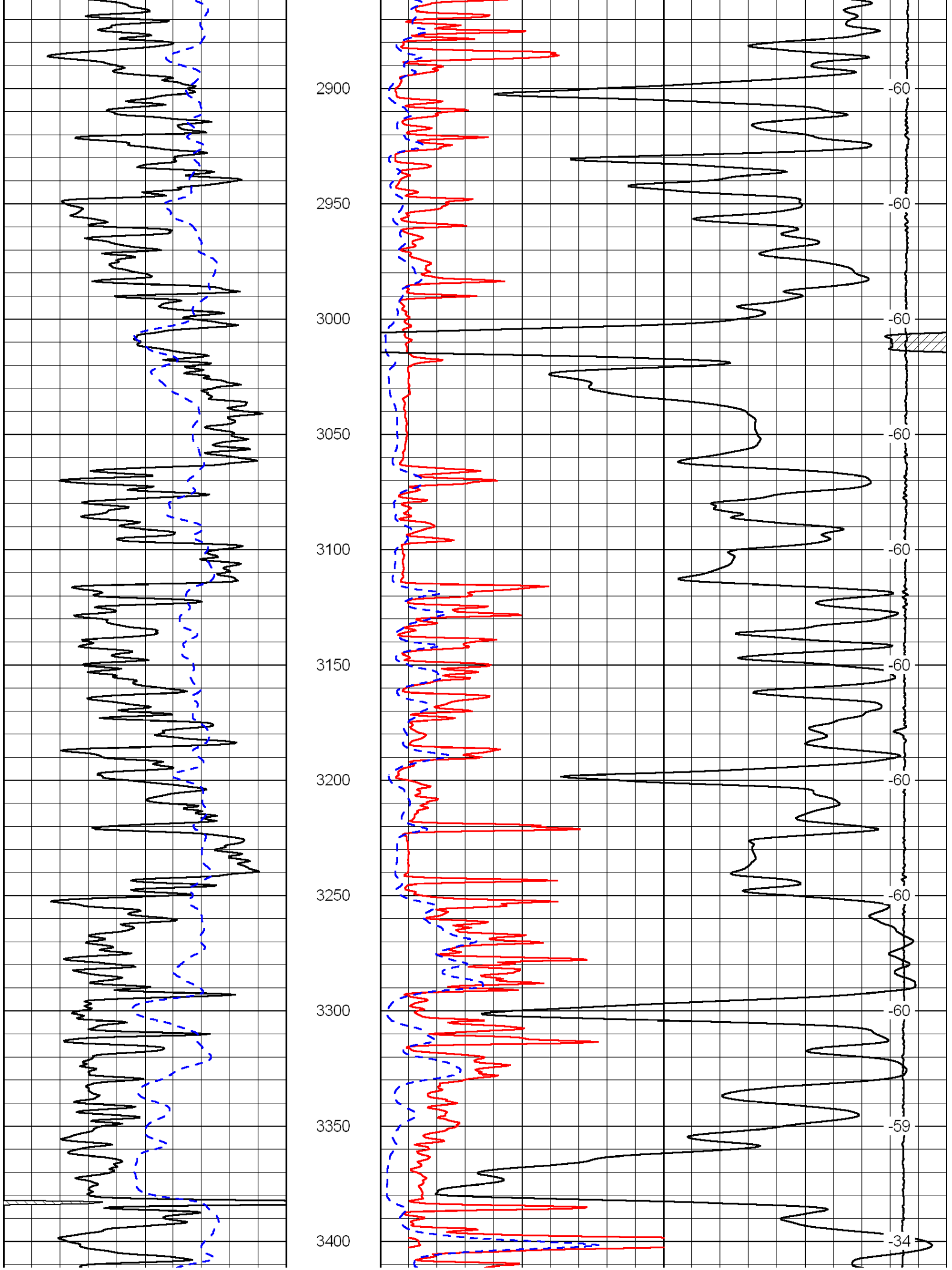
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3000
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3100
3150
3200
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-60
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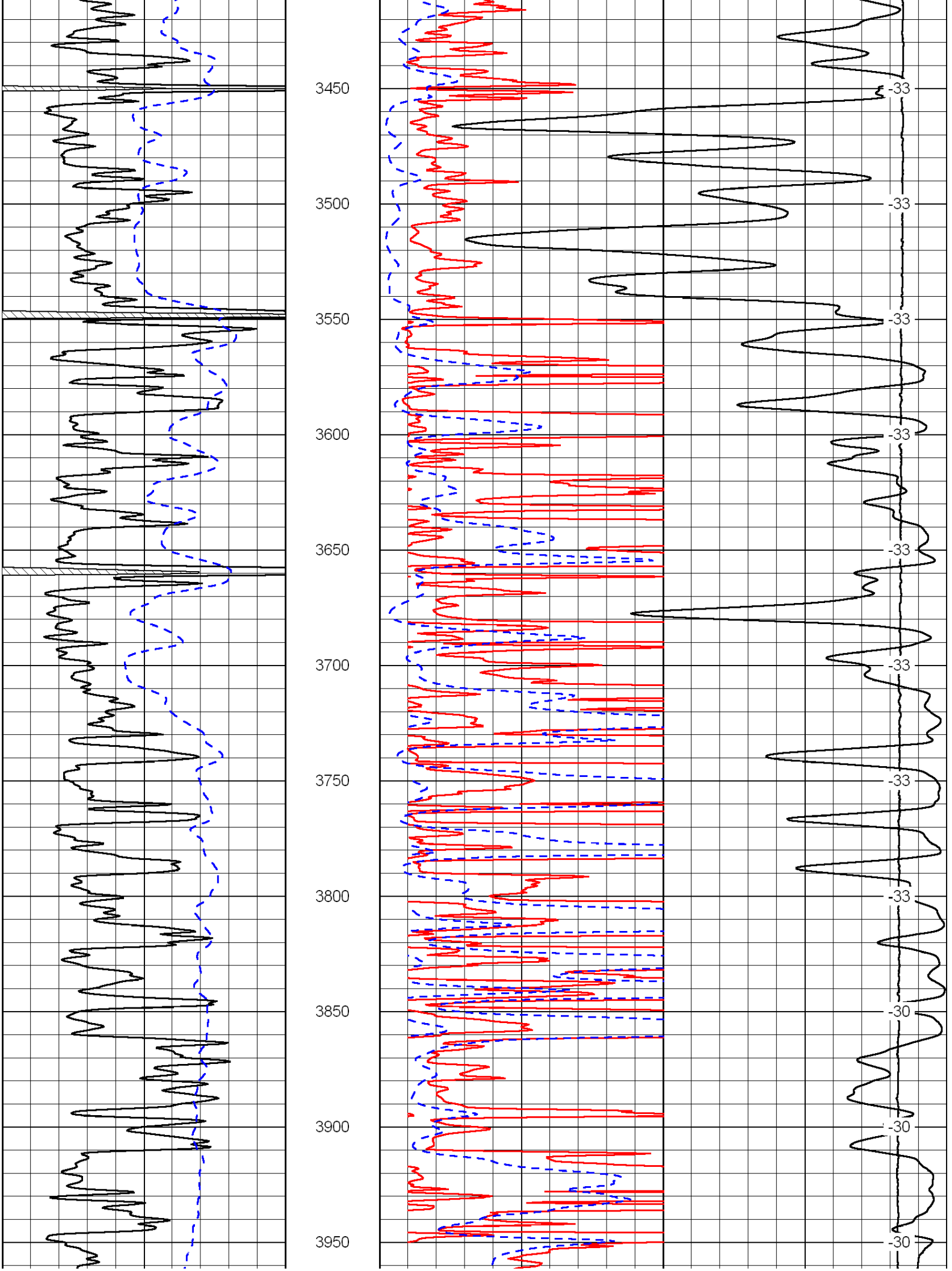
-59
-34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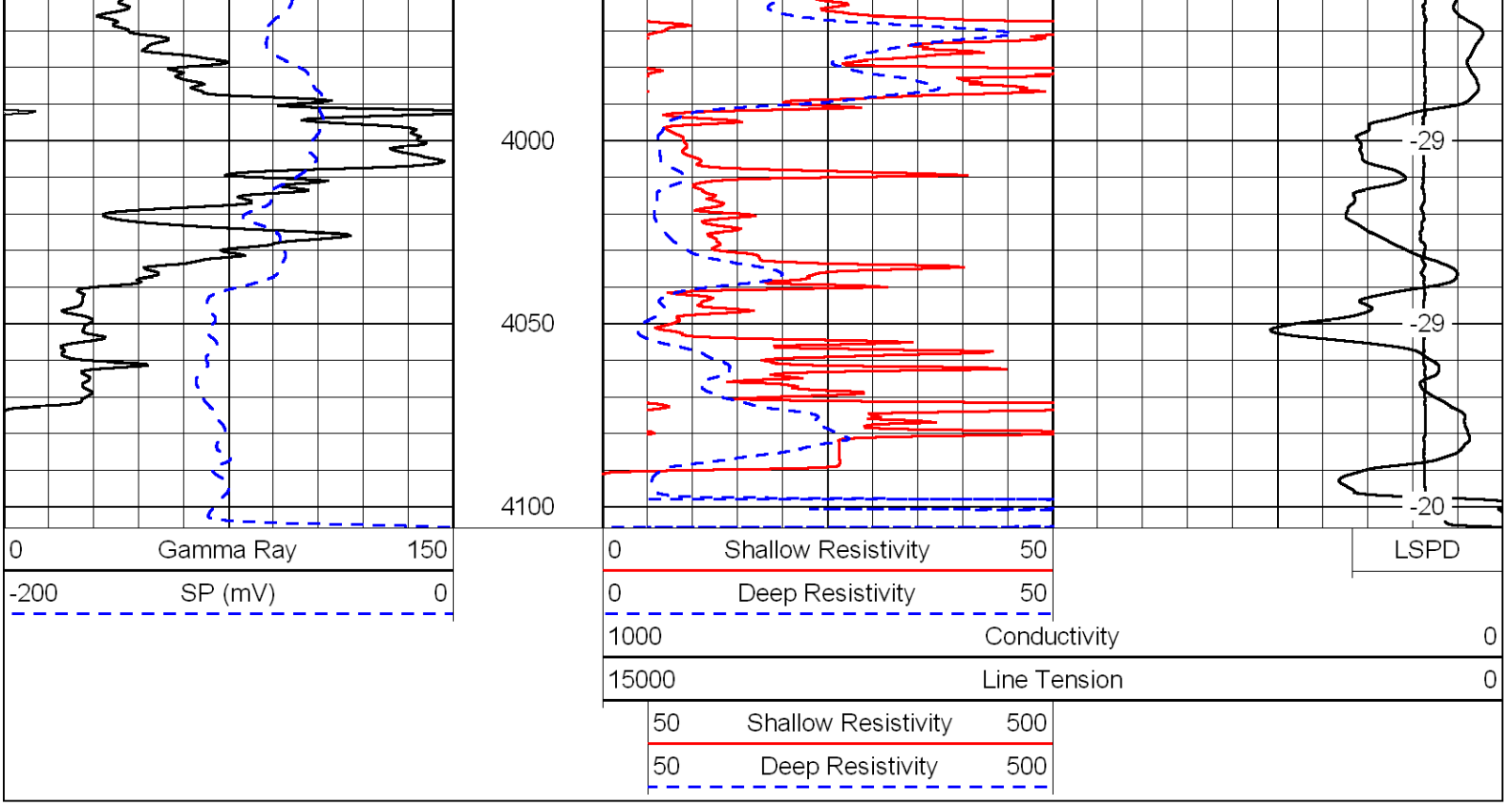

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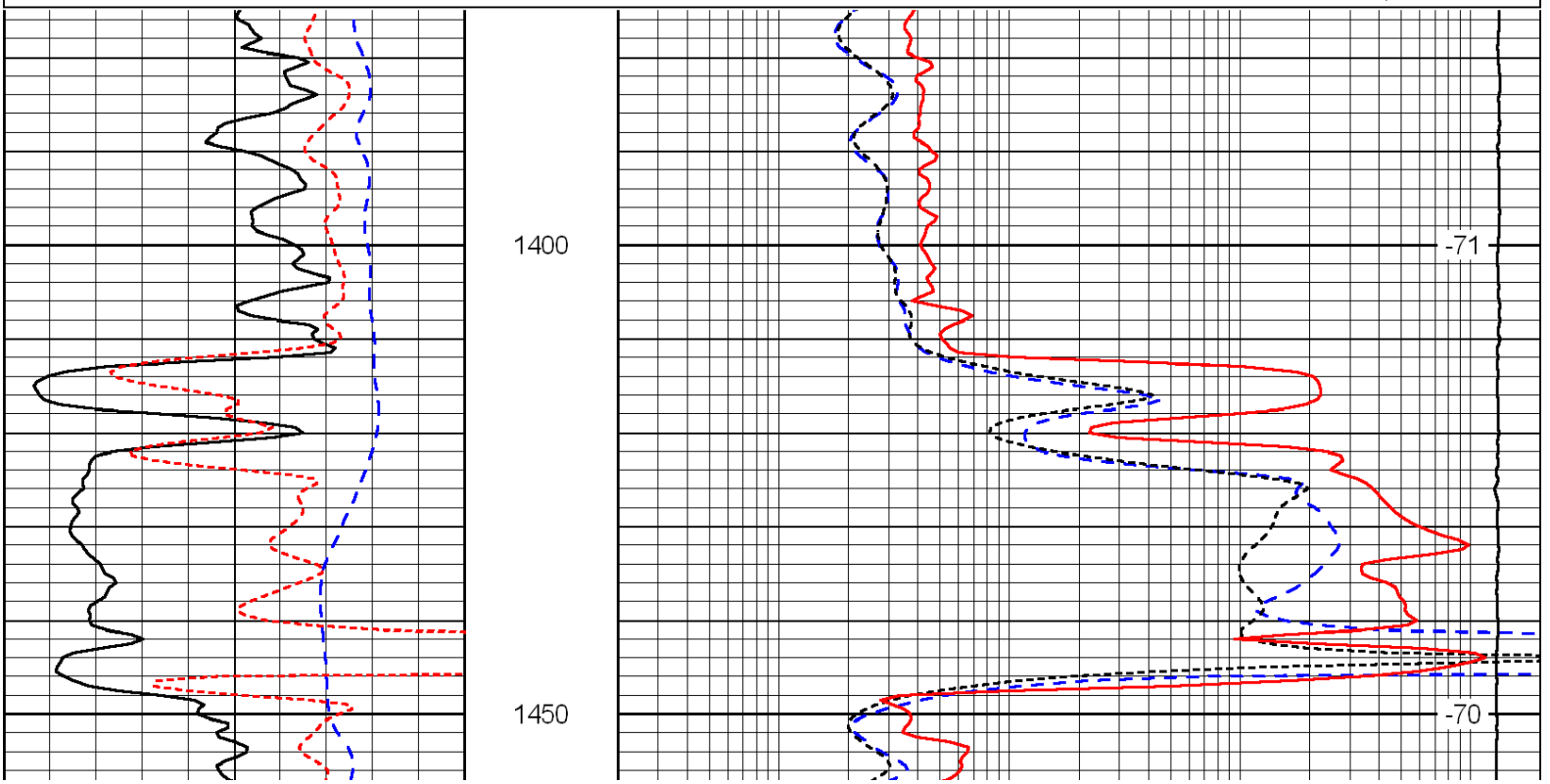
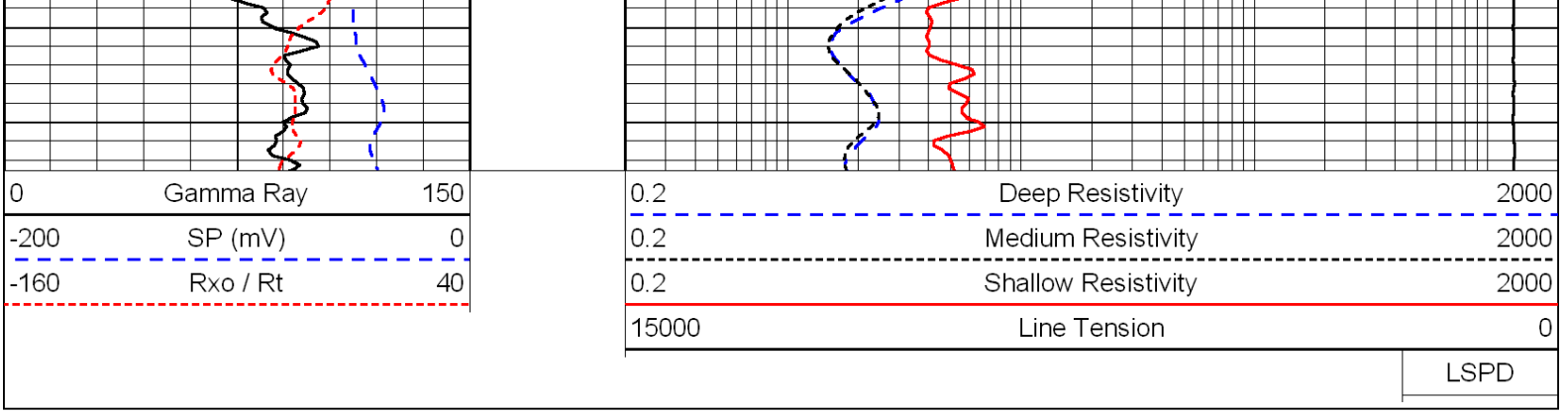
Charted by: Depth in Feet scaled 1:240





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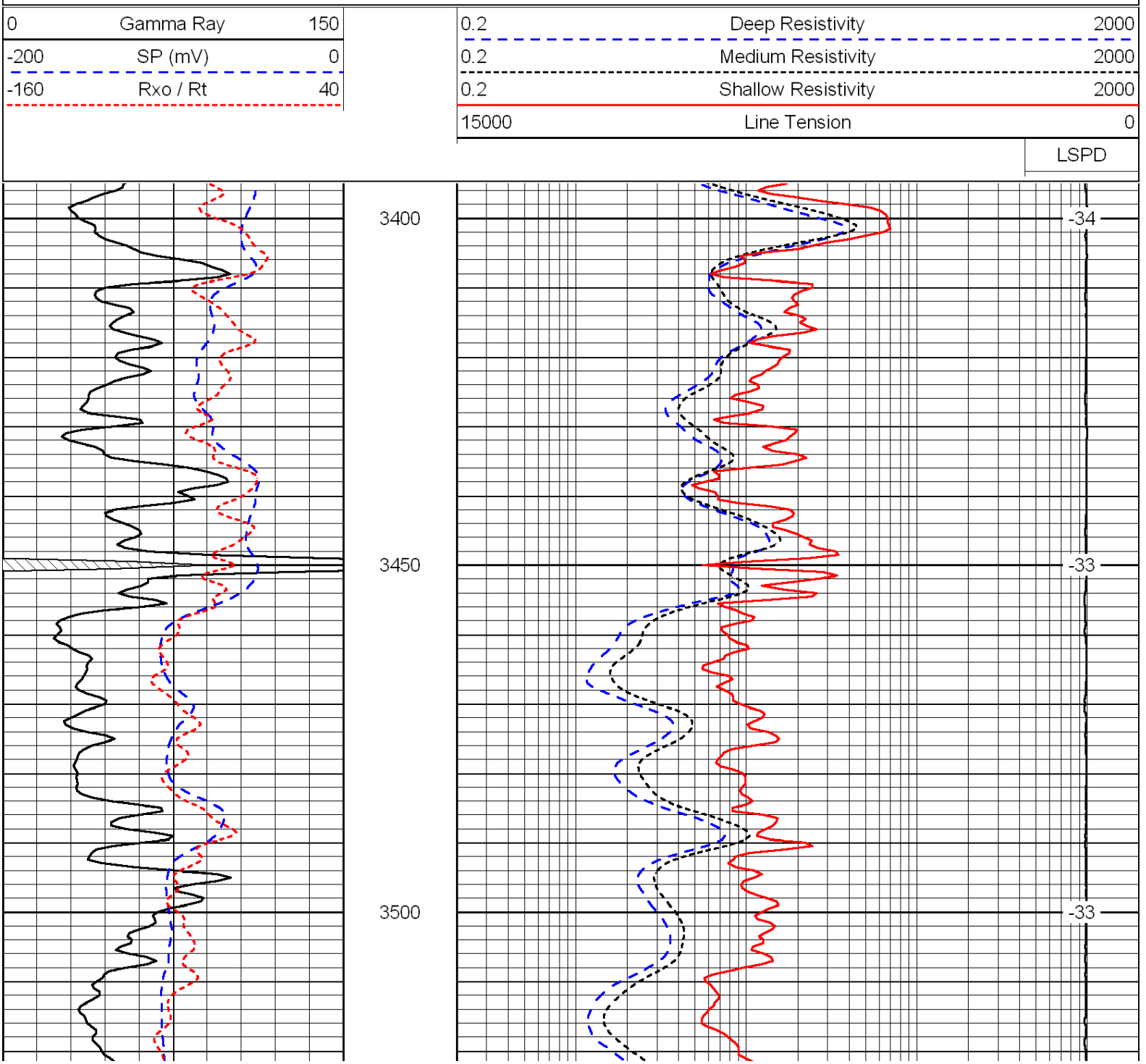

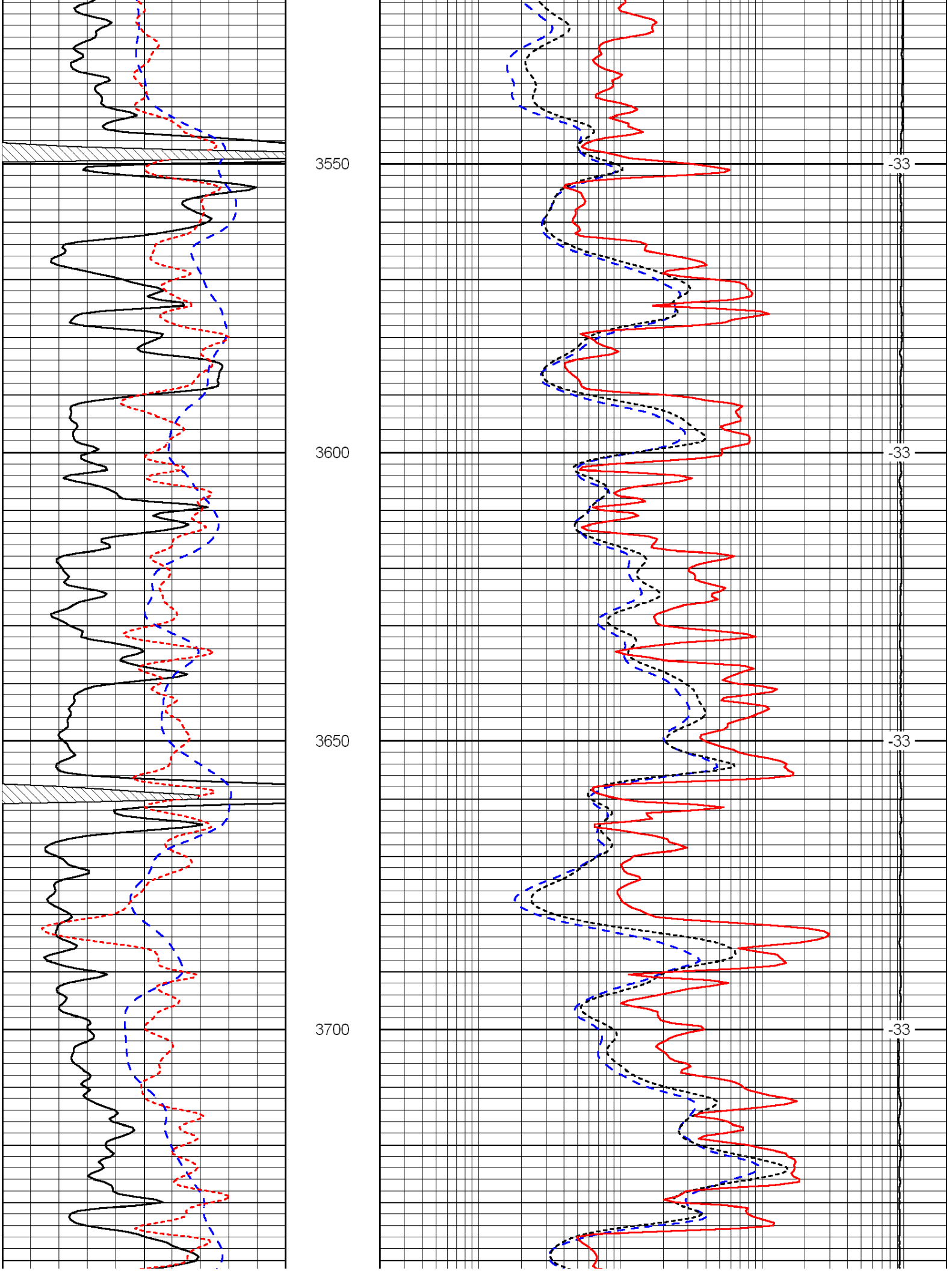
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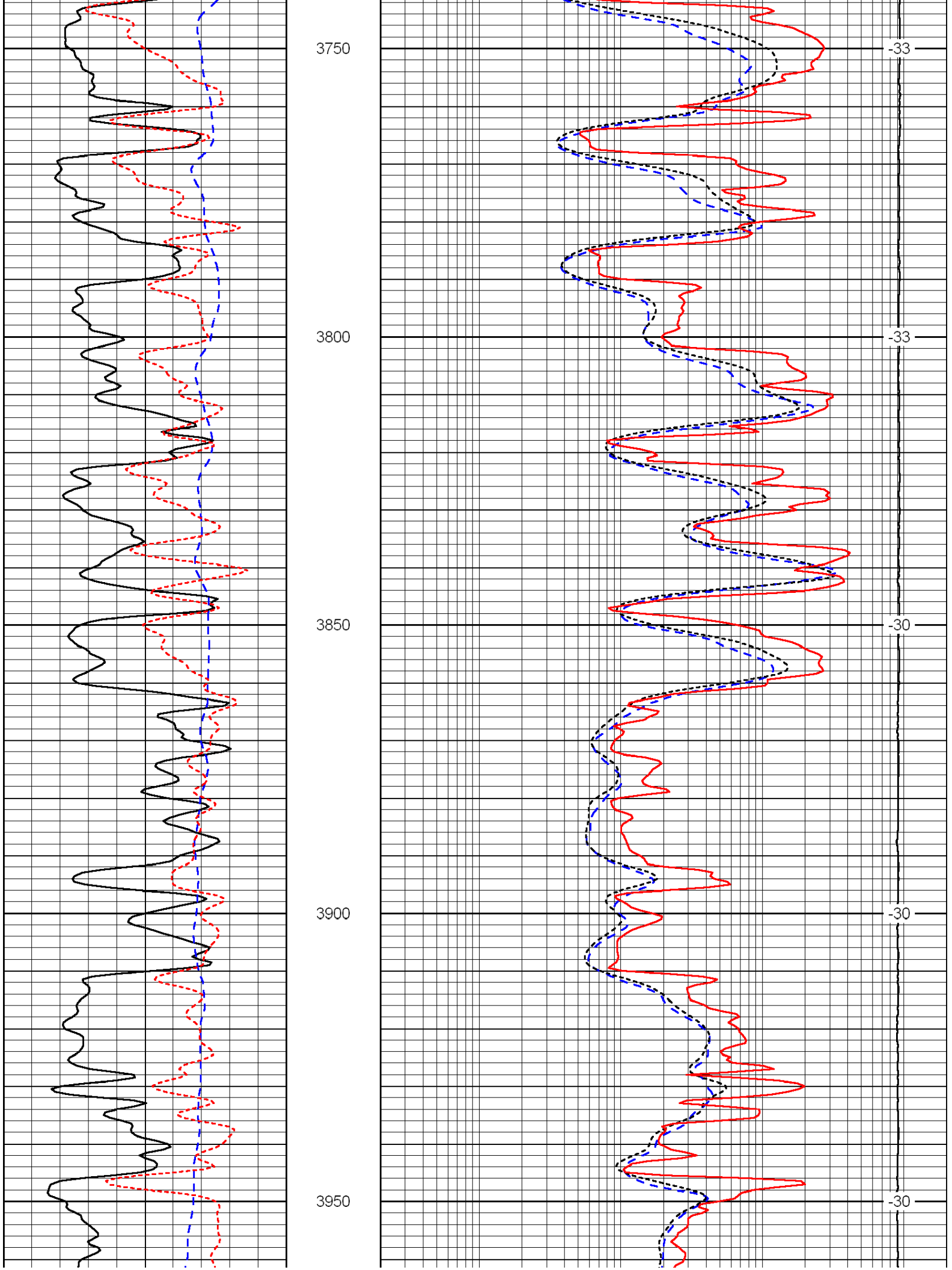
-33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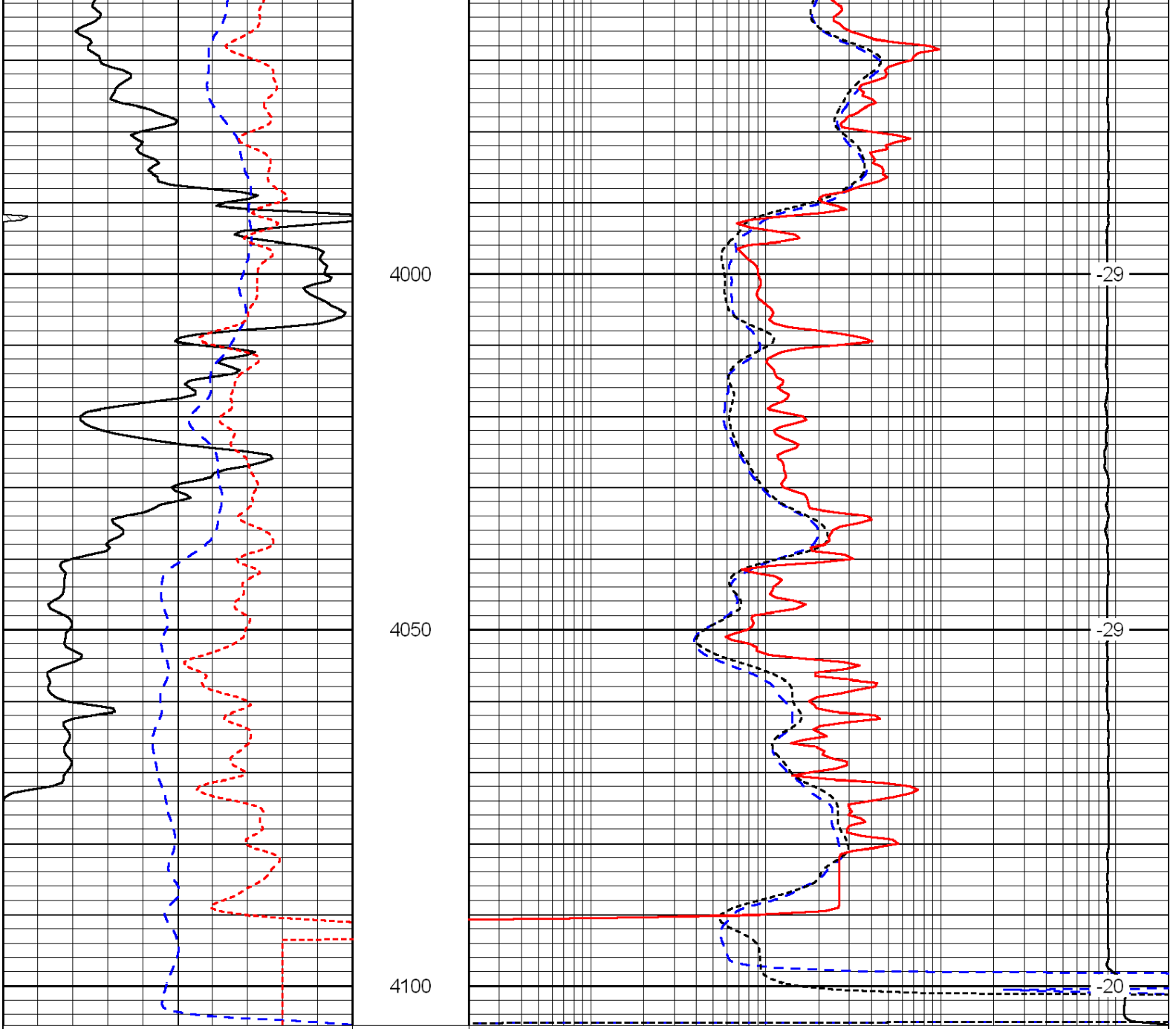
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4050
4100
-29
-29
-20
0
Gamma Ray
150
-200
SP (mV)
0
-160
Rxo / Rt
40
0.2
Deep Resistivity
2000
0.2
Medium Resistivity
2000
0.2
Shallow Resistivity
2000
15000
Line Tension
0
LSPD