



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No. 15-135-25252-00-00		Company Ares Energy, LTD		Other Services CNL / CDL MEL / BHCS
Well Wells #13-13		County Ness		
Field Elmore Southwest		State Kansas		
Location NW SW SE SW 405' FSL / 1393' FWL		Sec: 13 Twp: 18S Rge: 21W		
Permament Datum Log Measured From Drilling Measured From		Ground Level Kelly Bushing Front Kelly Bushing		
Date 6/11/2011		Elevation 2107 13 Ft. Above Perm. Datum		K.B. 2120 D.F. G.L. 2107
Run Number	One			
Depth Driller	4380			
Depth Logger	4378			
Bottom Logged Interval	4377			
Top Log Interval	1300			
Casing Driller	8.625 @ 1330			
Casing Logger	1324			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity, ppm CL	5500			
Density / Viscosity	9.1 53			
pH / Fluid Loss	10.0 8.8			
Source of Sample	Flowline			
Rm @ Meas. Temp	0.40 @ 65			
Rmf @ Meas. Temp	0.30 @ 65			
Rmc @ Meas. Temp	0.54 @ 65			
Source of Rmf / Rmc	Charts			
Rm @ BHT	0.21 @ 122			
Operating Rig Time	5 Hours			
Max Rec. Temp. F	112			
Equipment Number	17			
Location	Hays			
Recorded By	R. Barnhart			
Witnessed By	Justin Carter			

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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

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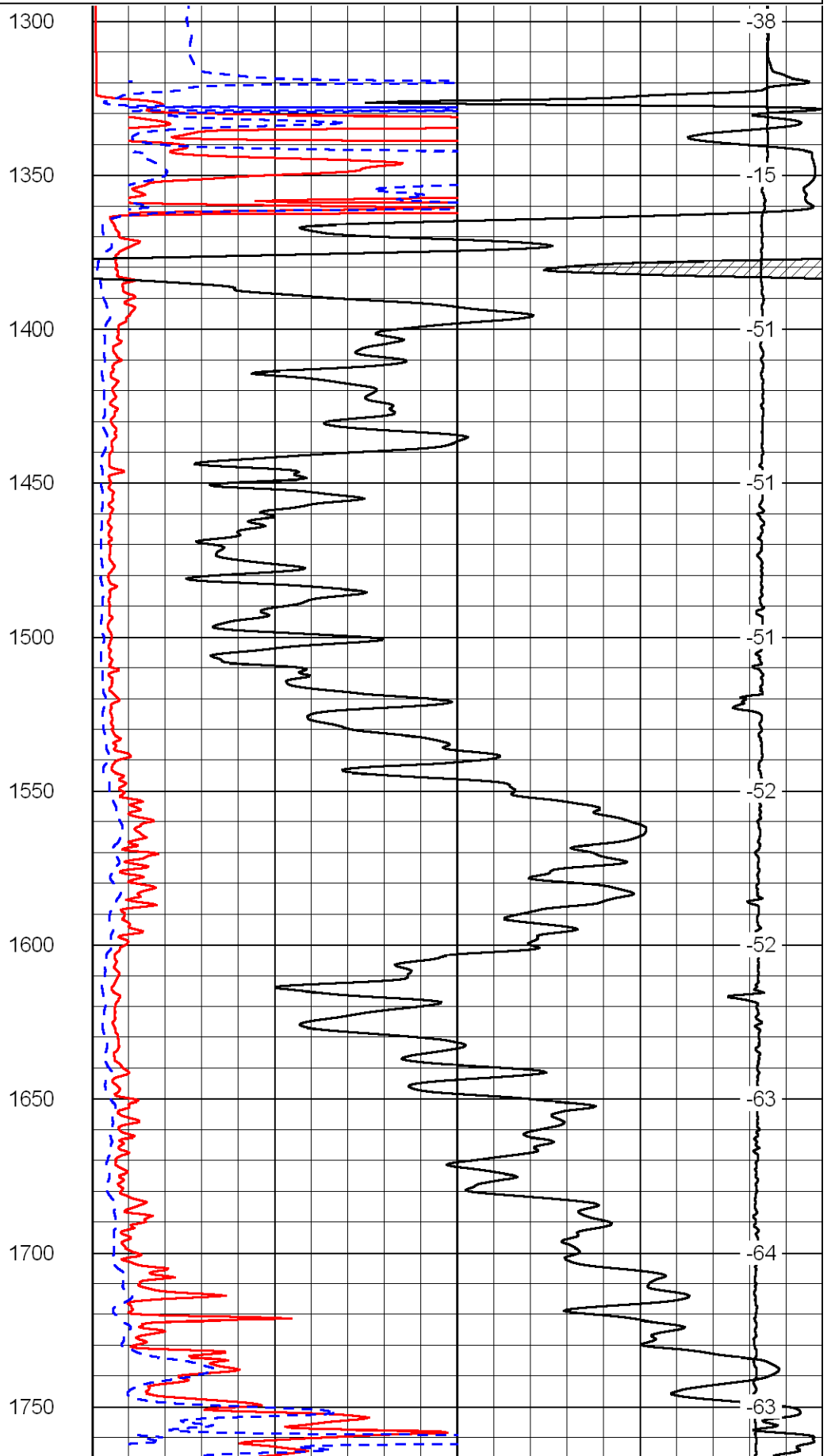
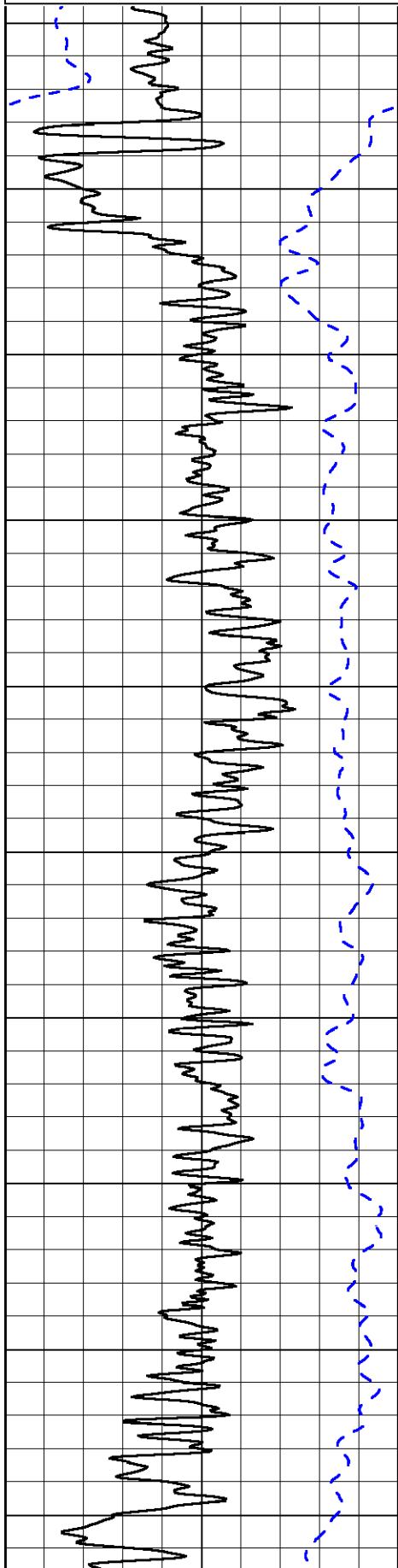
Alexander, KS:
McCraken Rd., 1N, 2W, N into

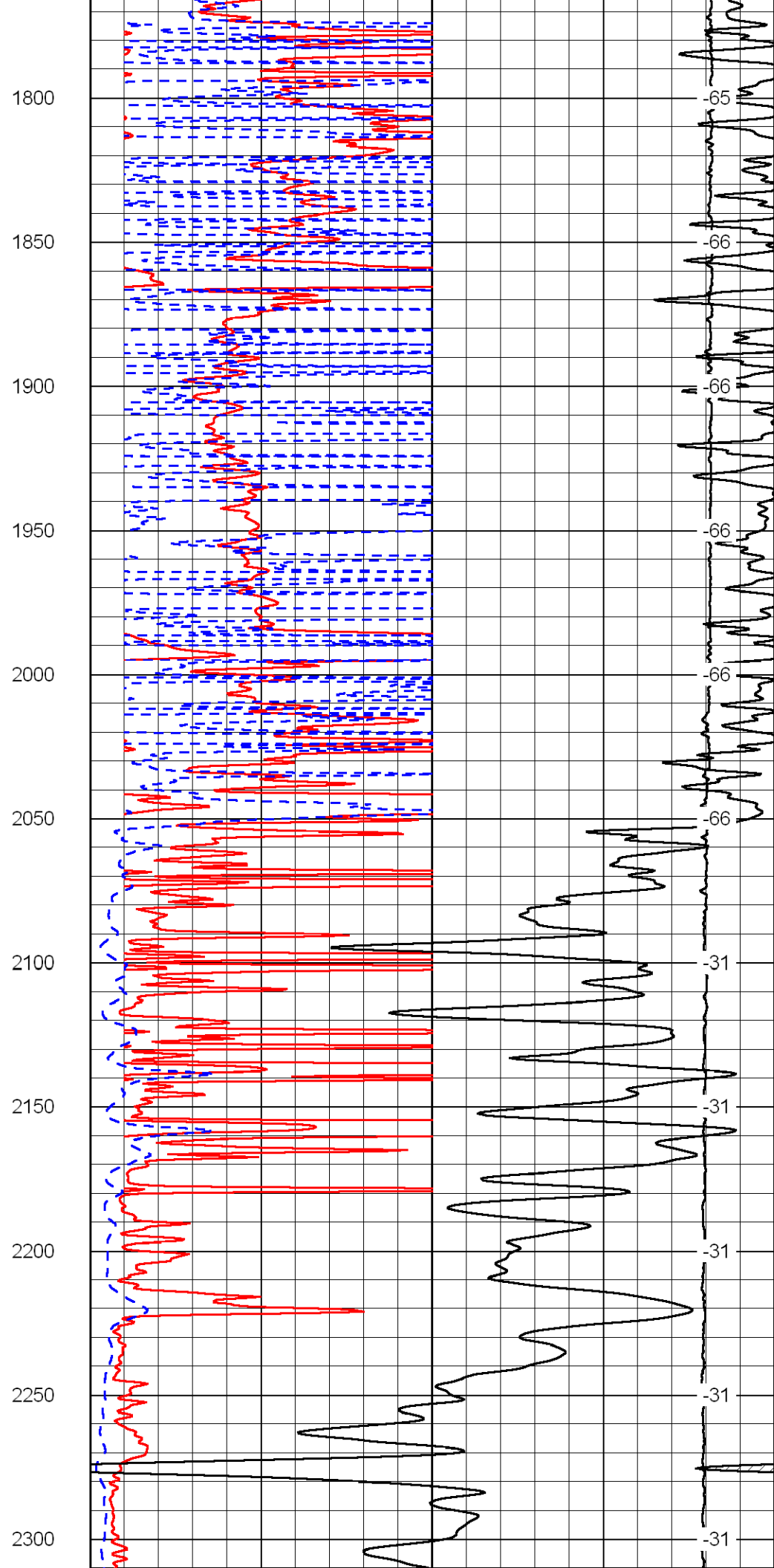
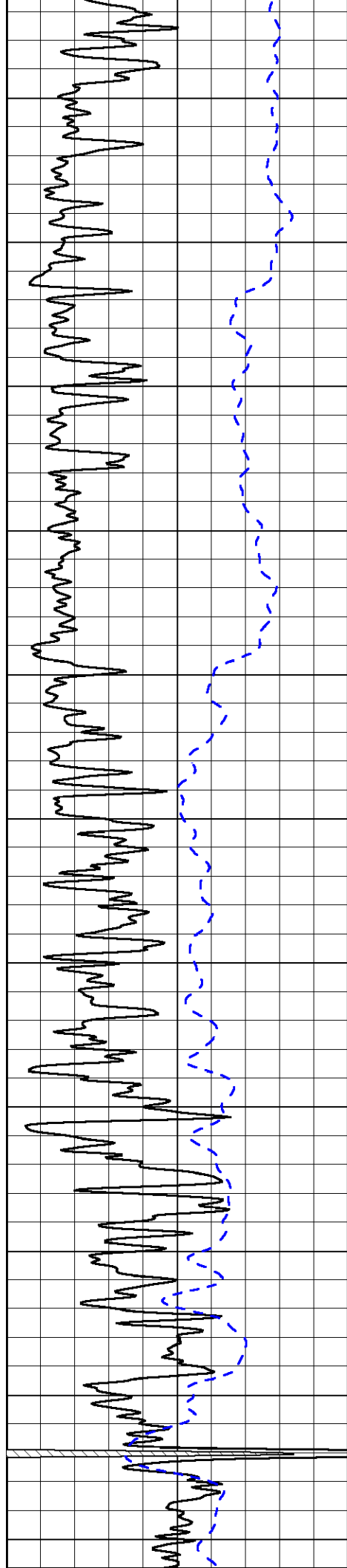
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Presentation Format: dil2in
Dataset Creation: Sat Jun 11 04:58:41 2011
Charted by: Depth in Feet scaled 1:600

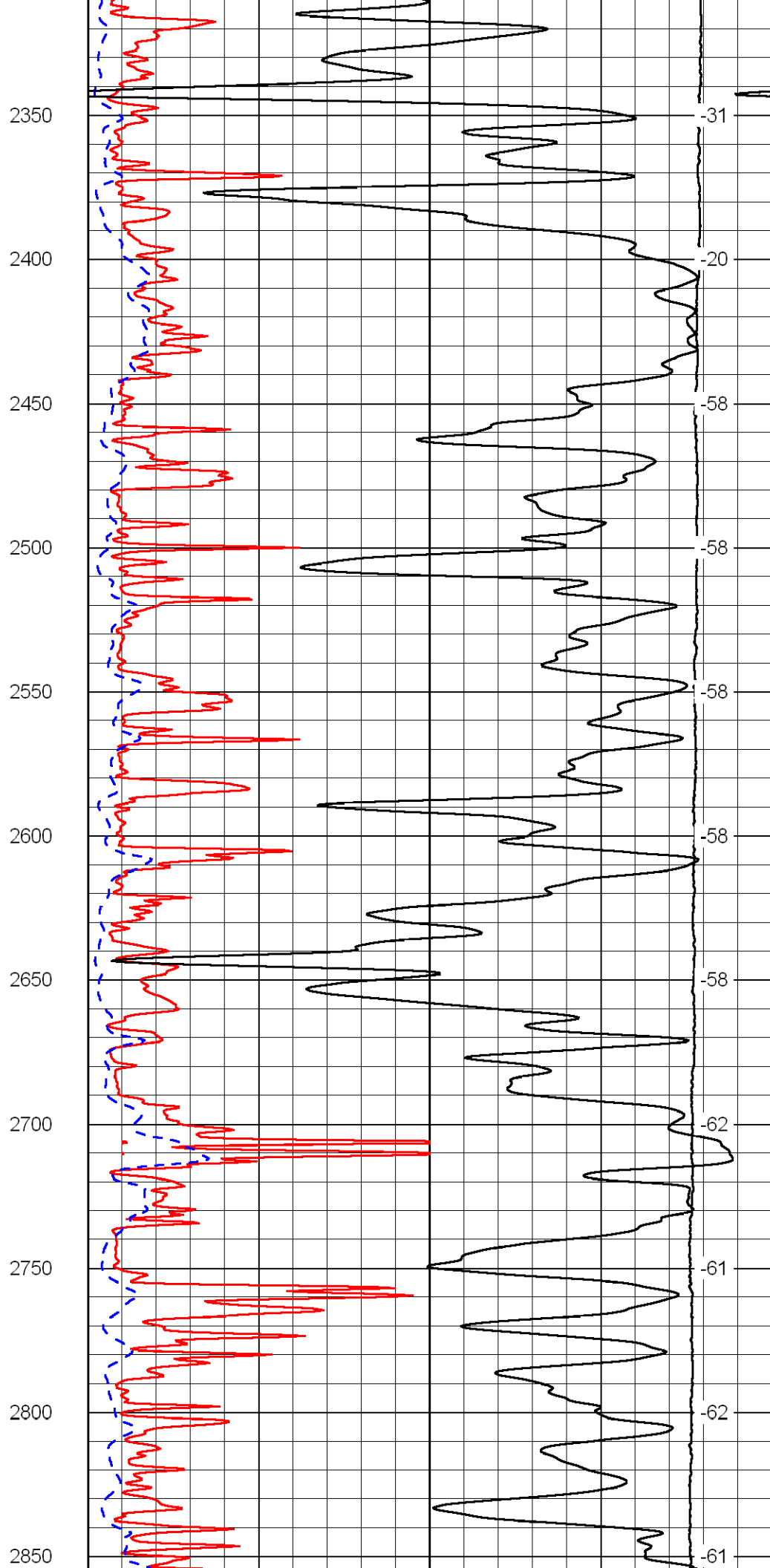
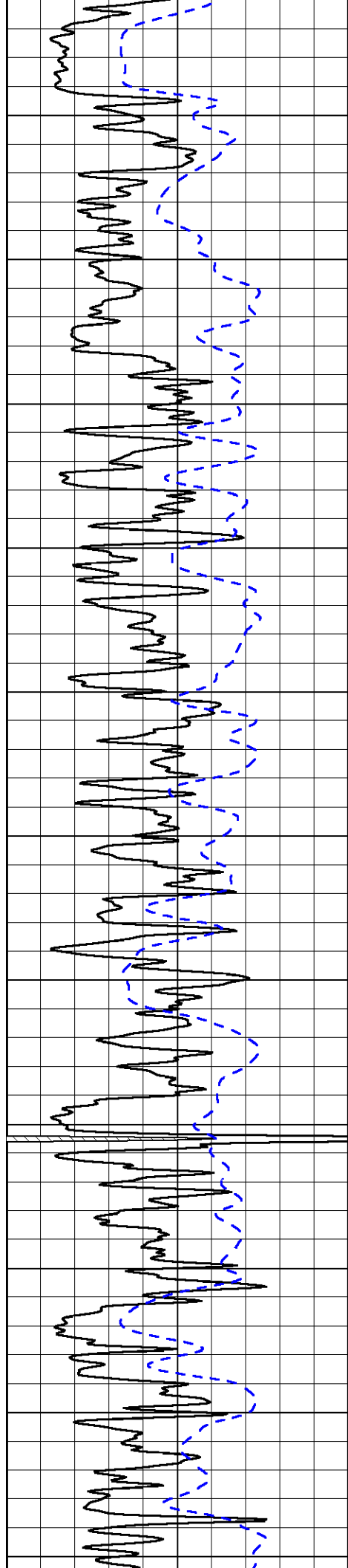
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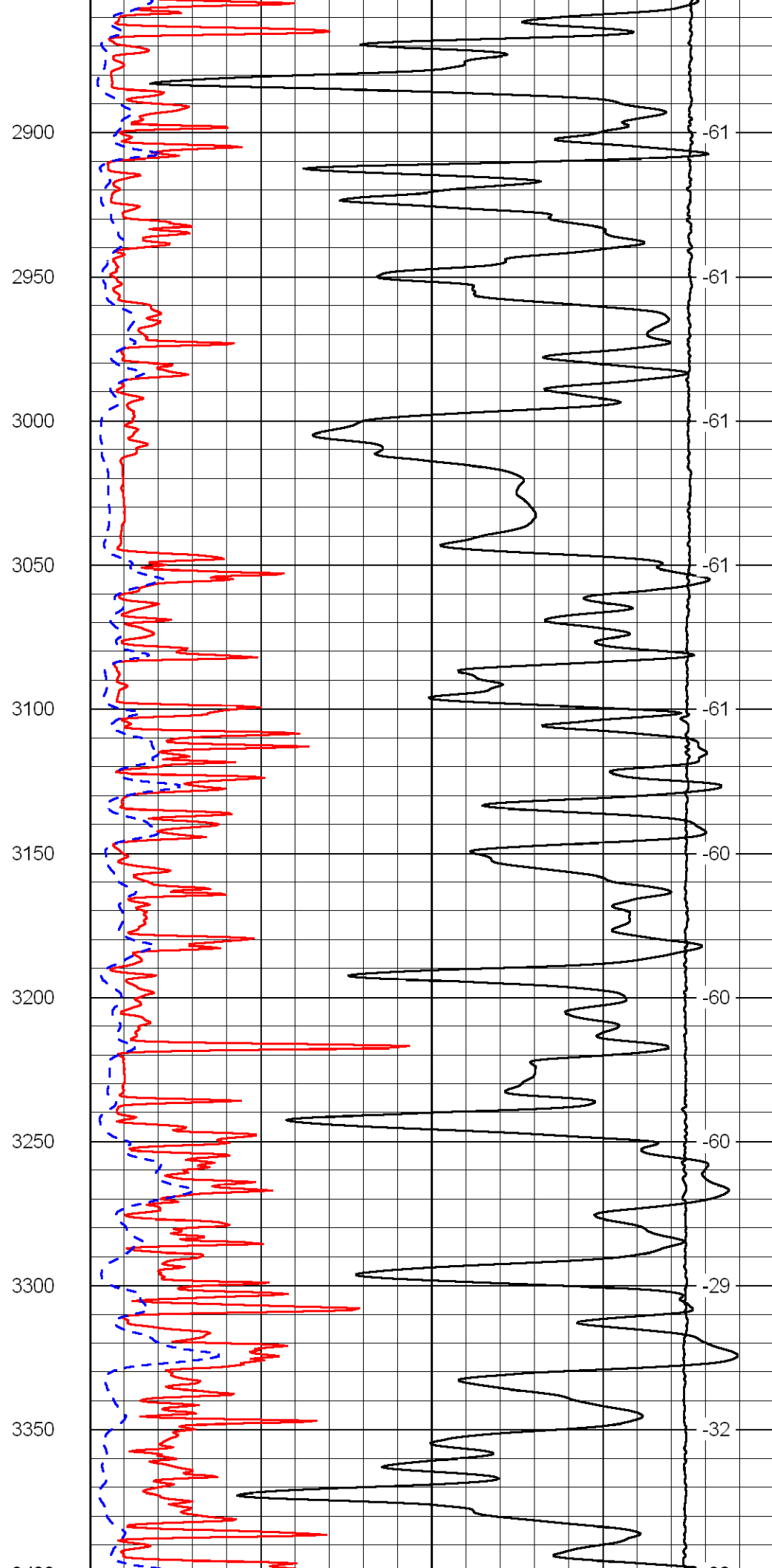
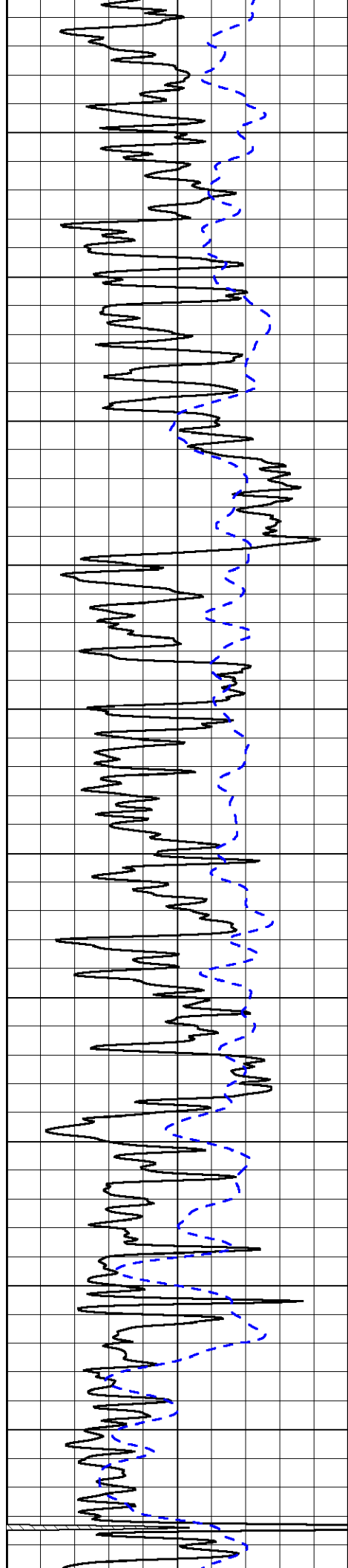
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

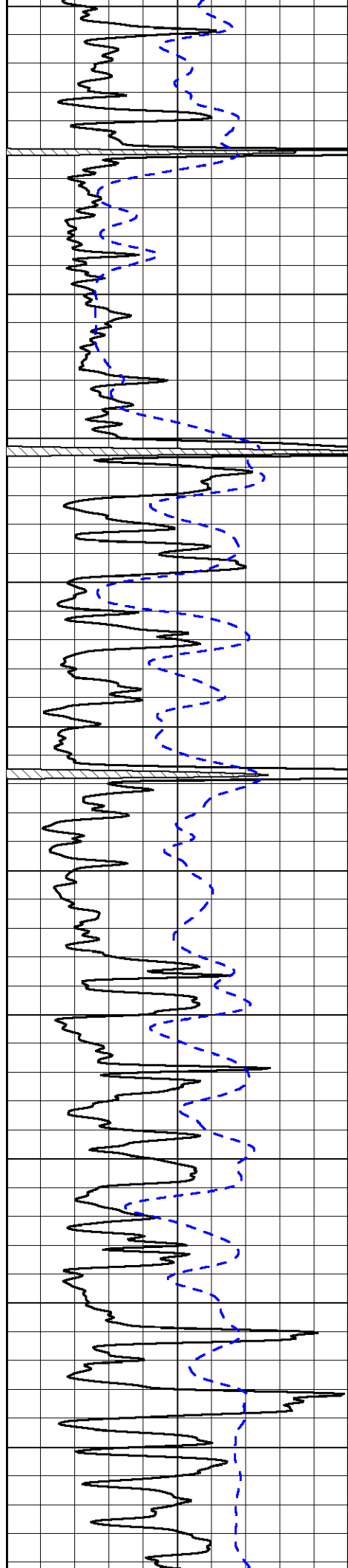
LSPD



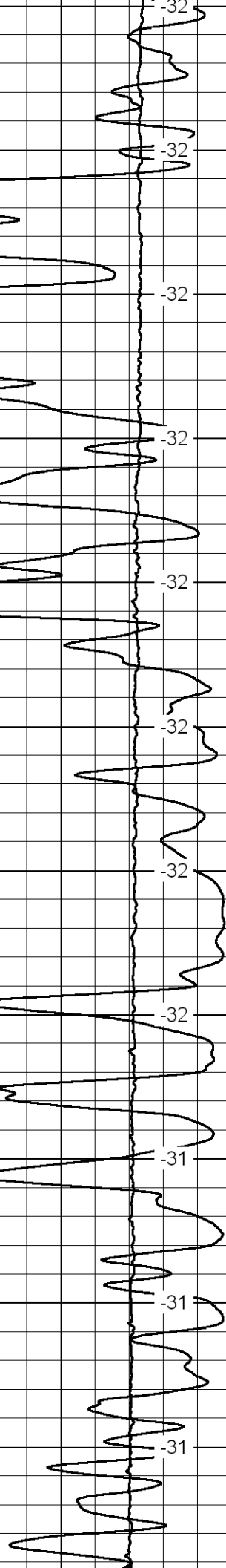
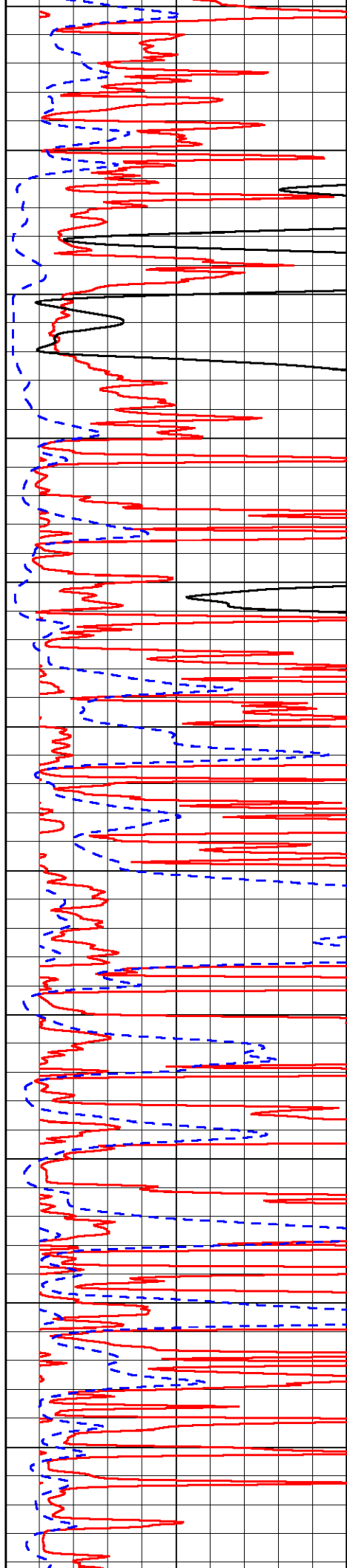




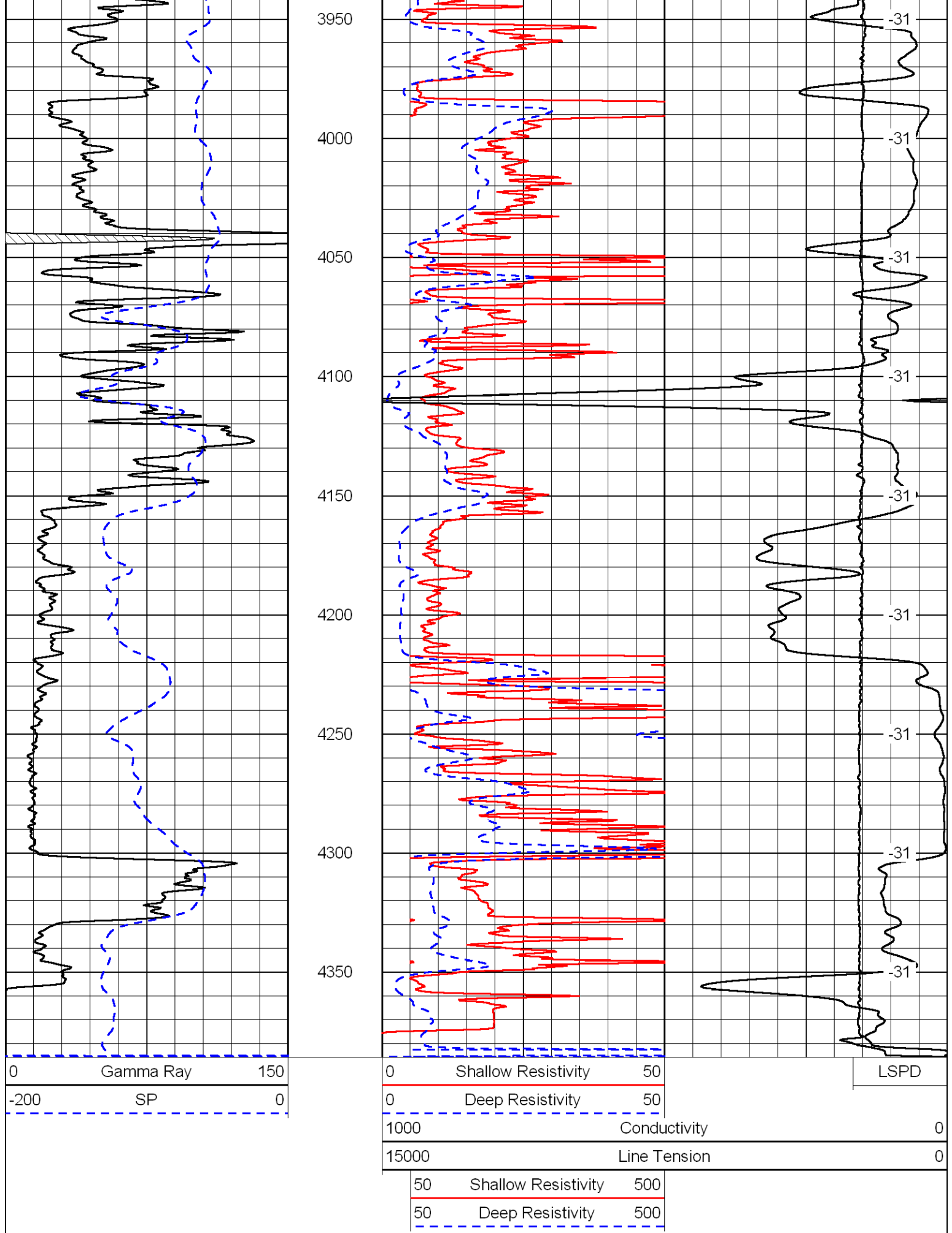




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3900



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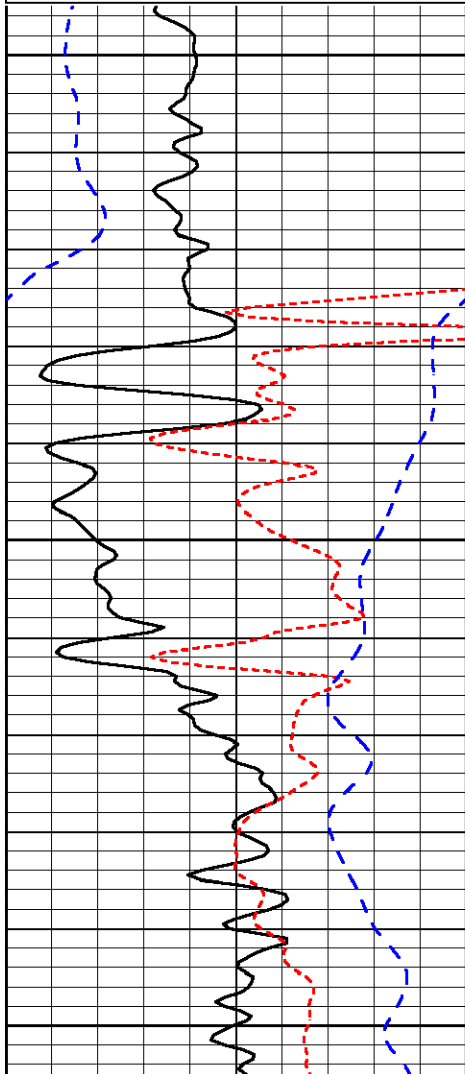


Dataset Pathname: dil/aremain
Presentation Format: dil
Dataset Creation: Sat Jun 11 04:58:41 2011
Charted by: Depth in Feet scaled 1:240

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-160	RXO/RT	40
-200	SP	0

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

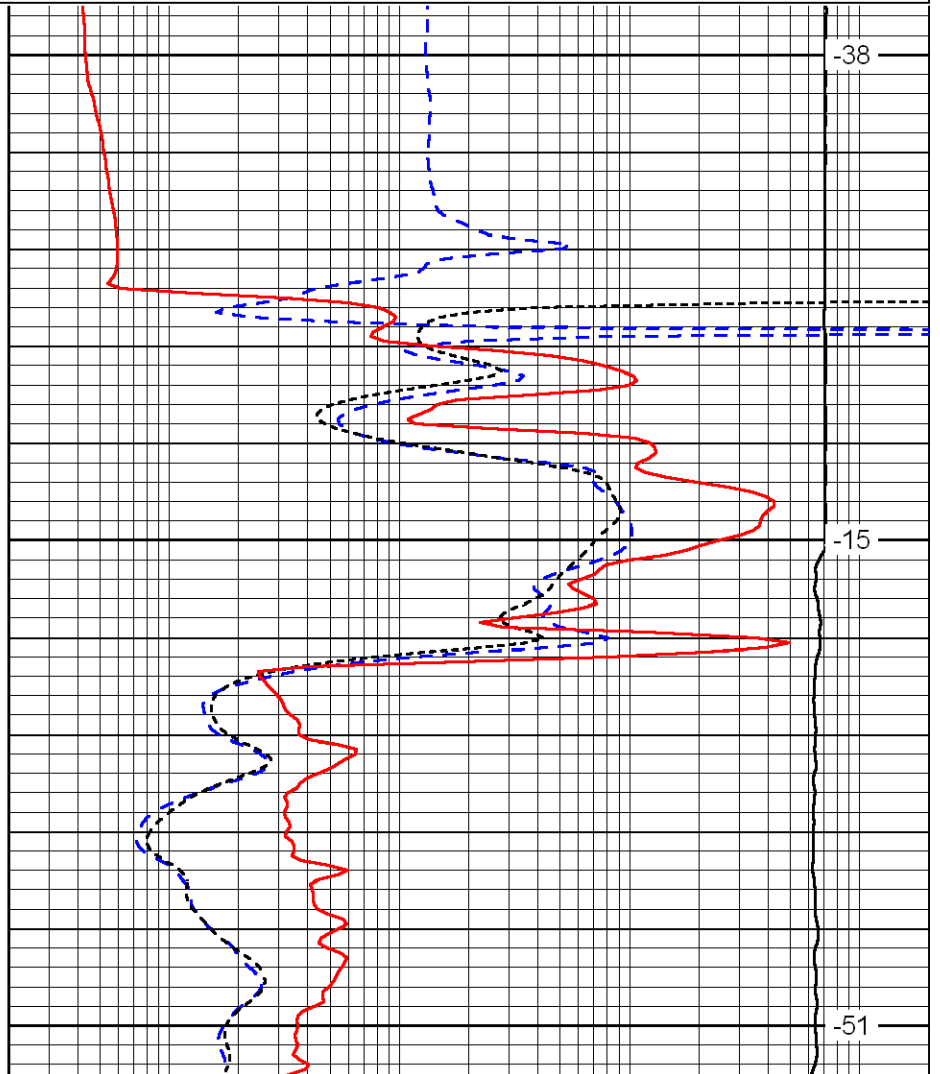
LSPD



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

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

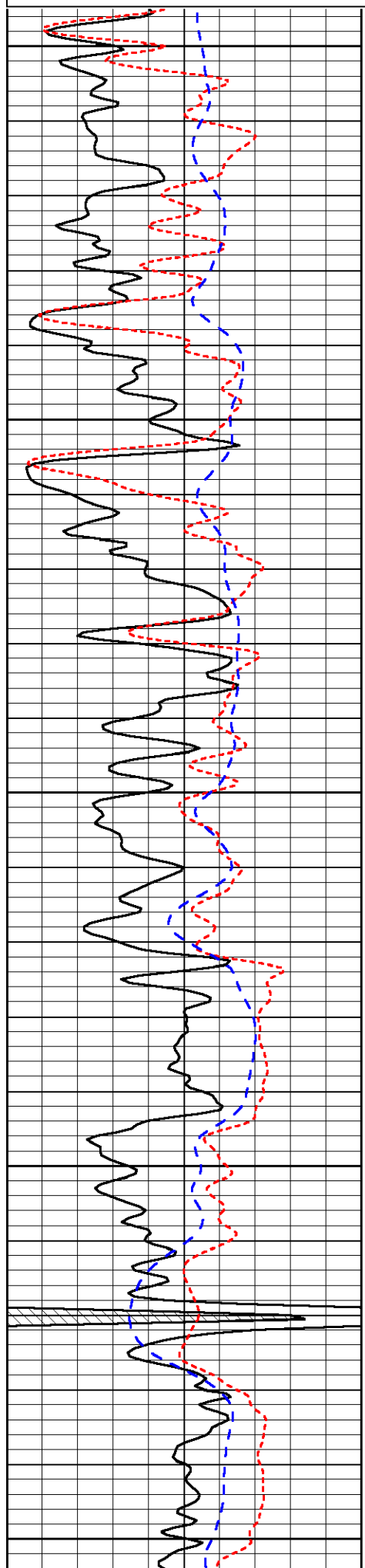
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LSPD



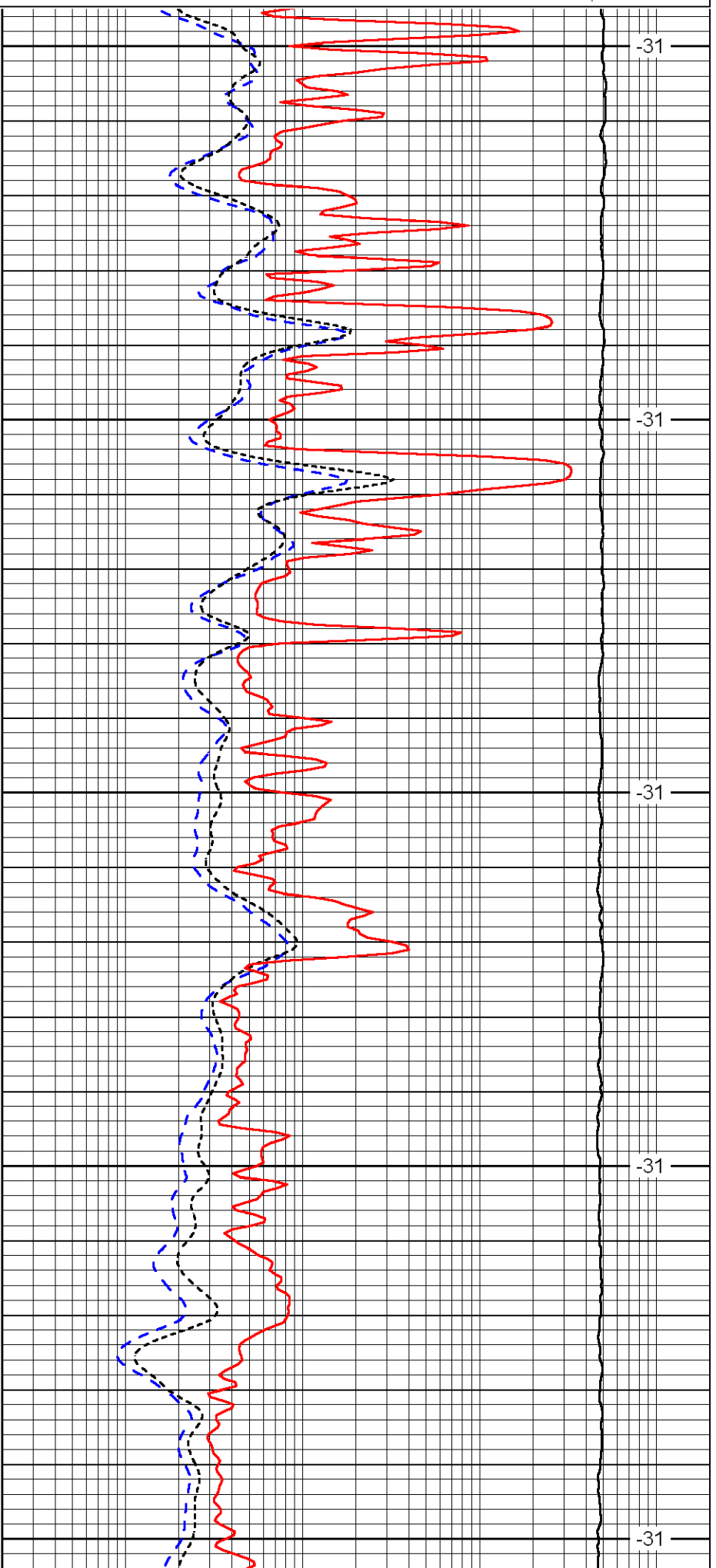
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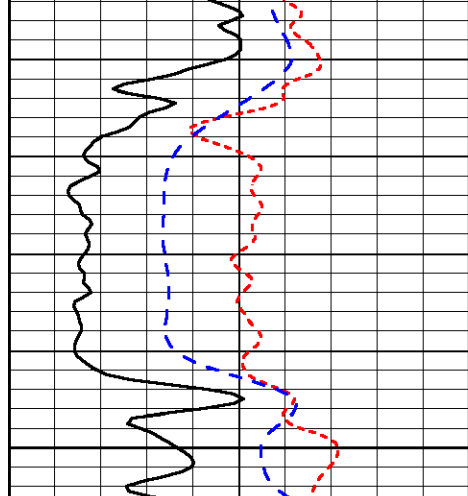
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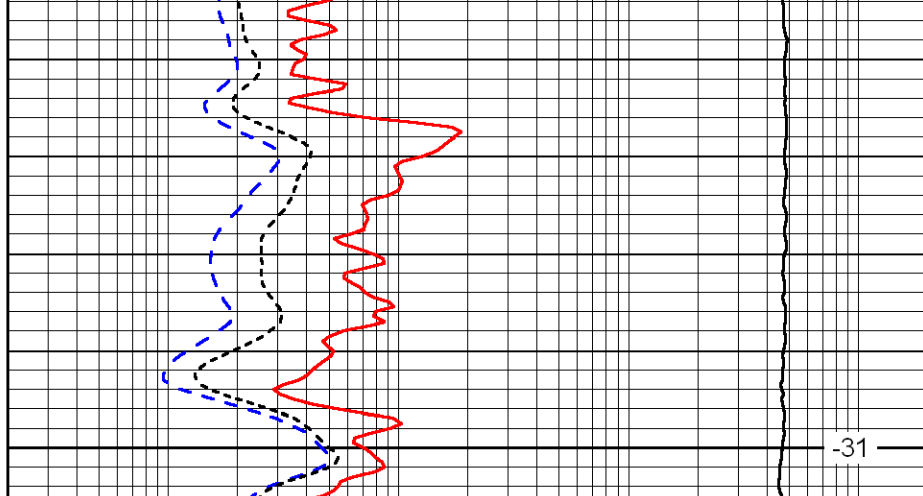
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0	Gamma Ray	150
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-200	SP	0

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10000	Line Tension	0

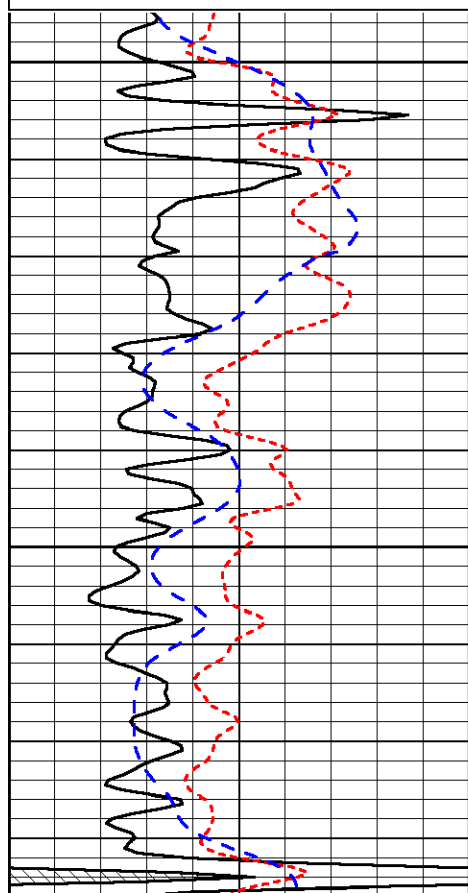
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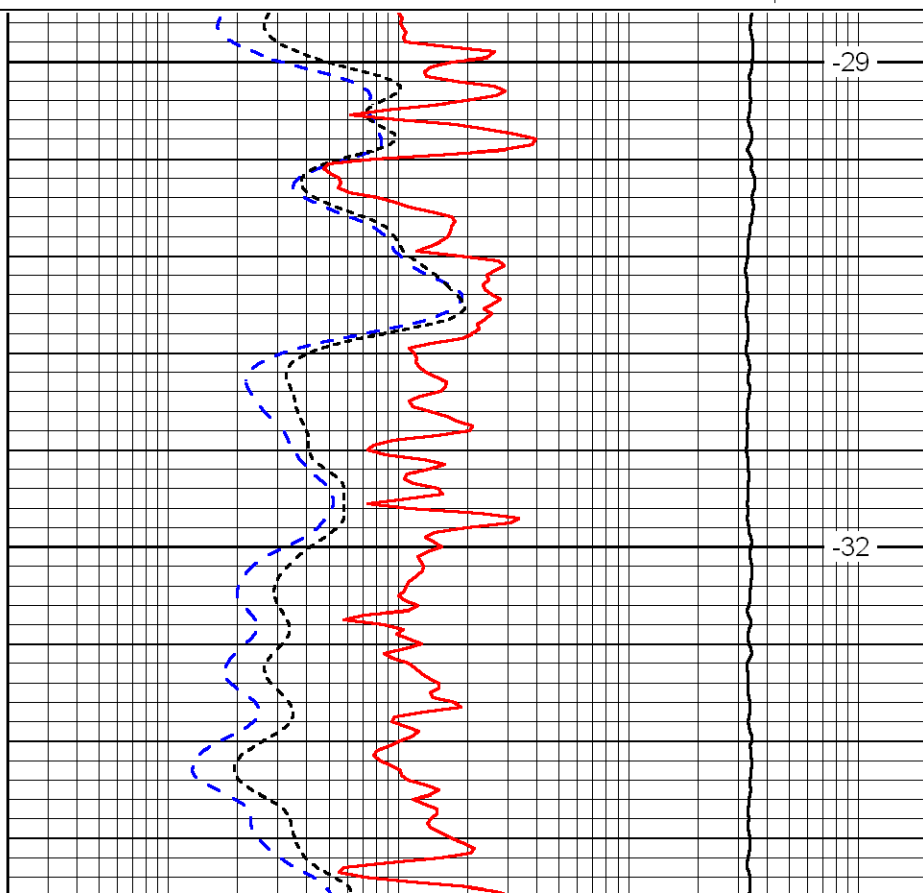
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10000	Line Tension	0

LSPD



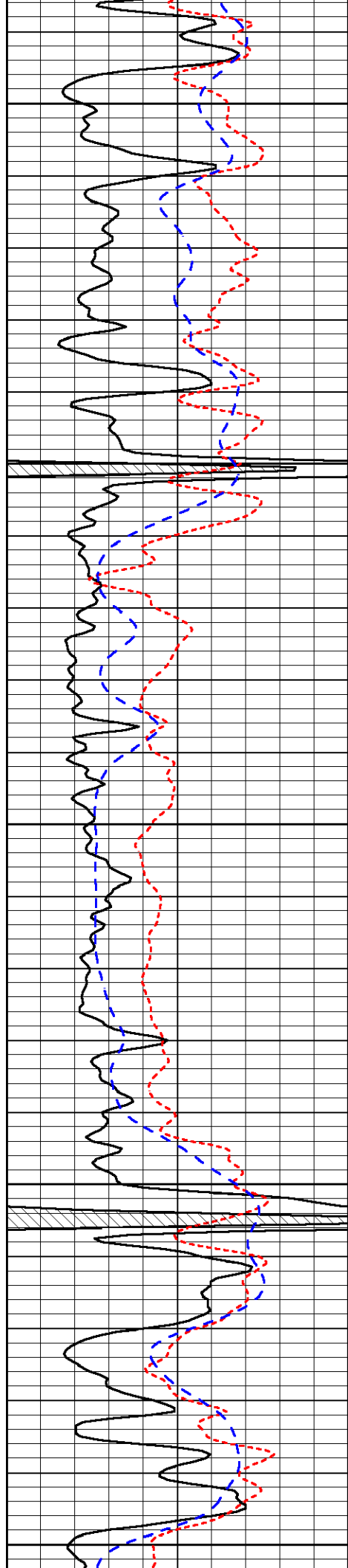
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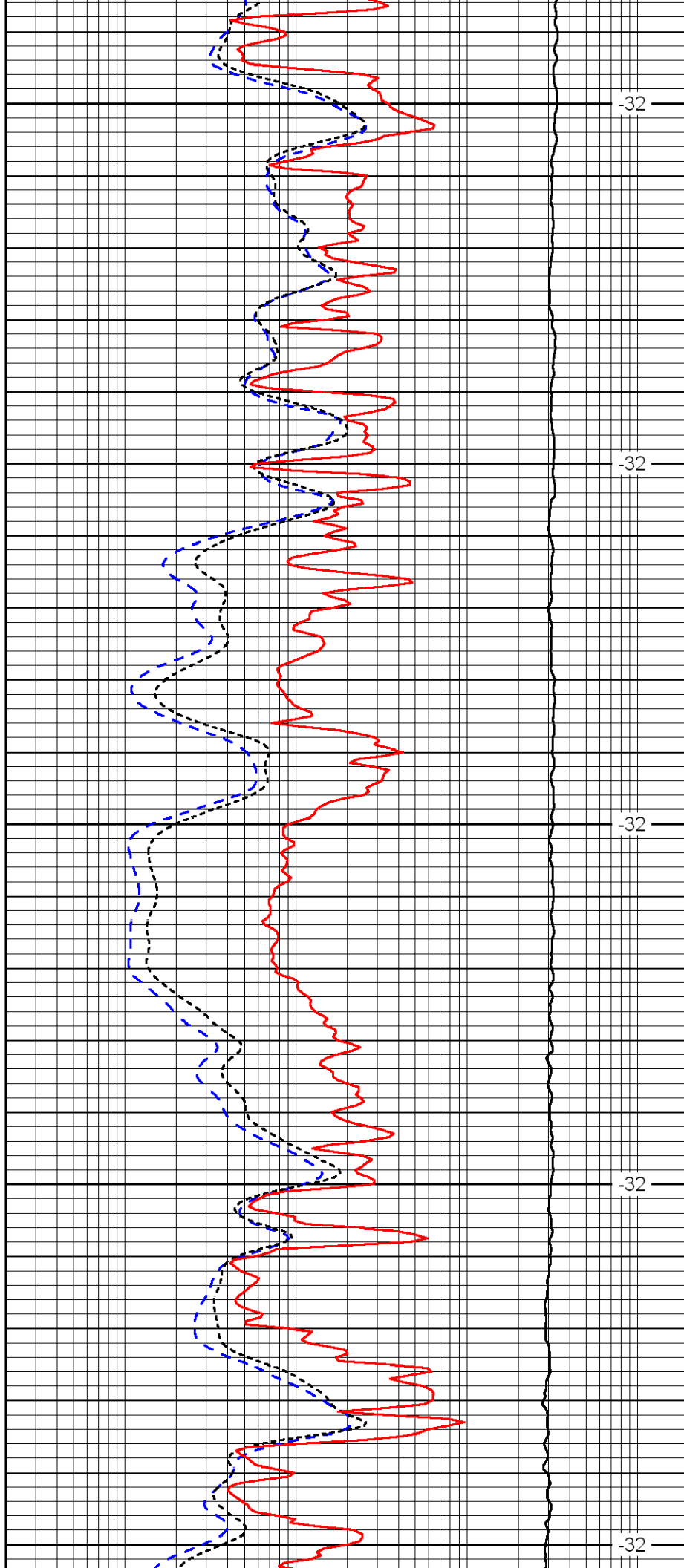
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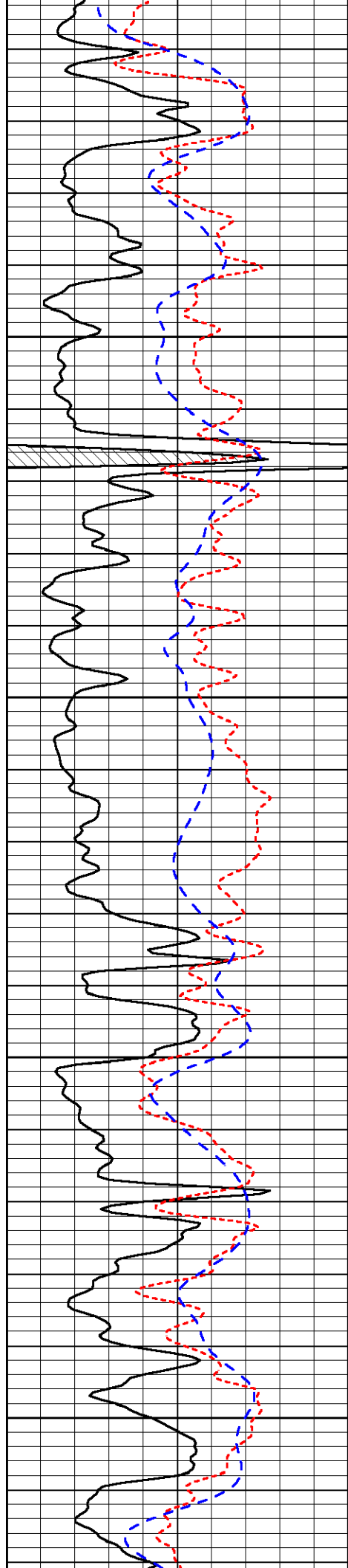
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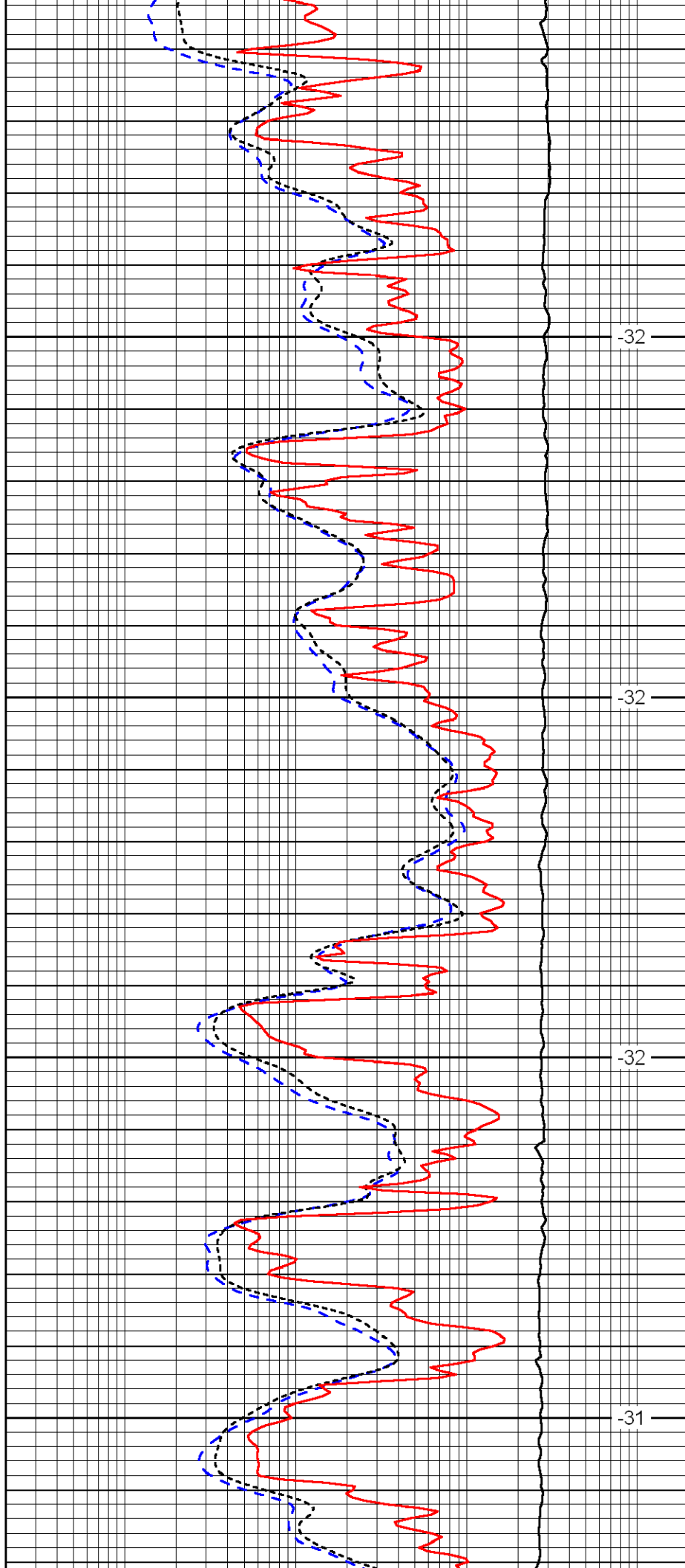


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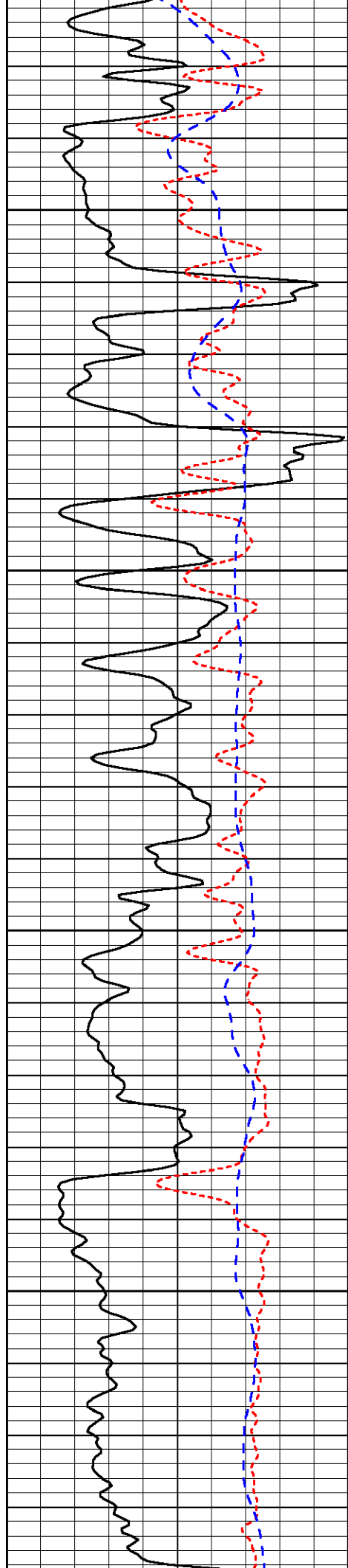


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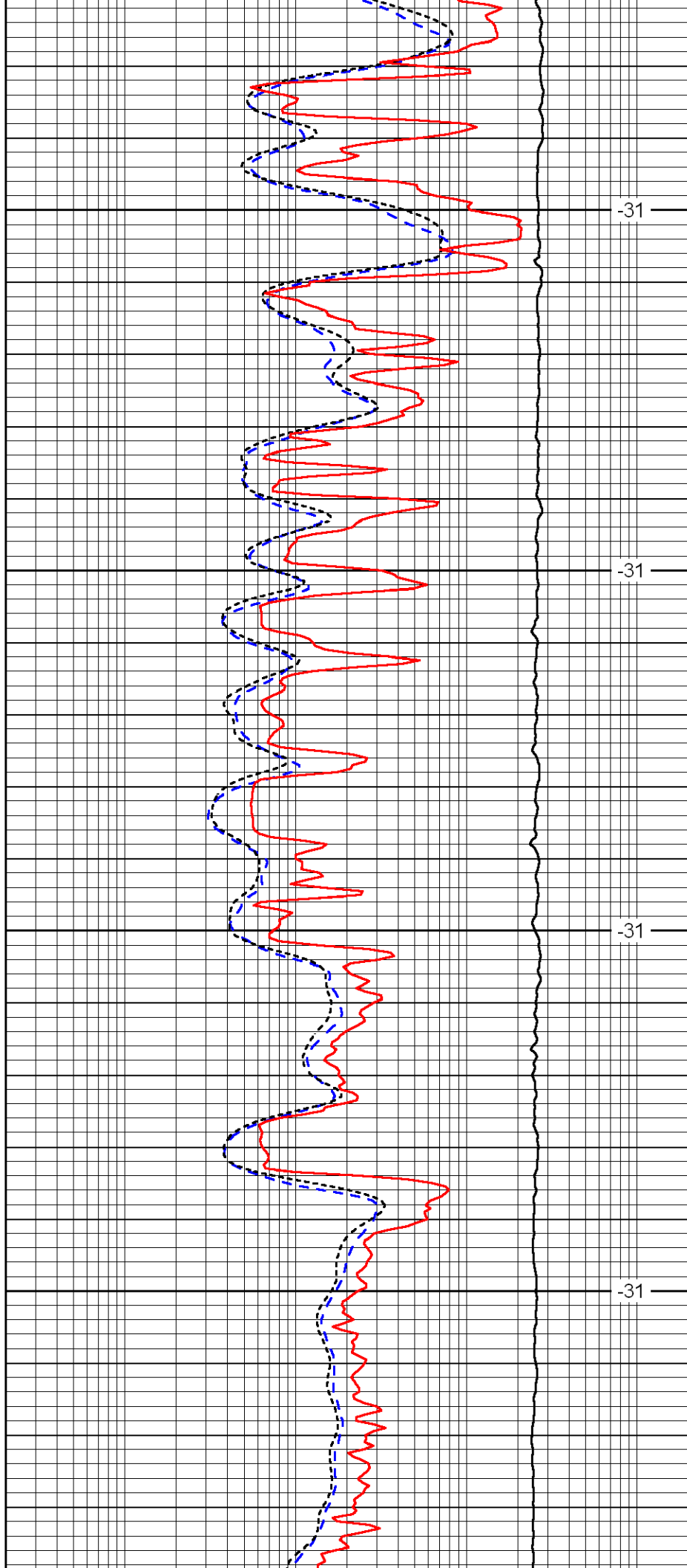


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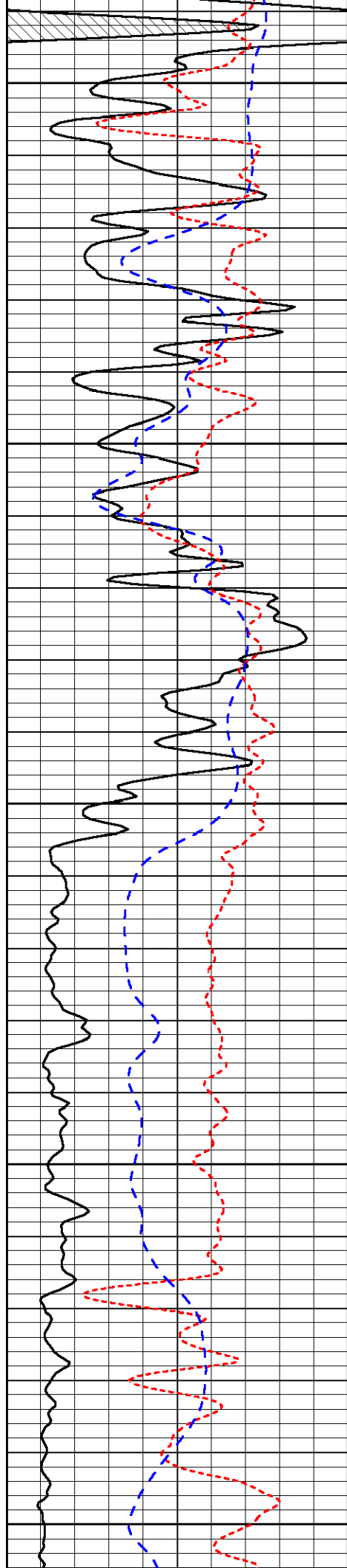


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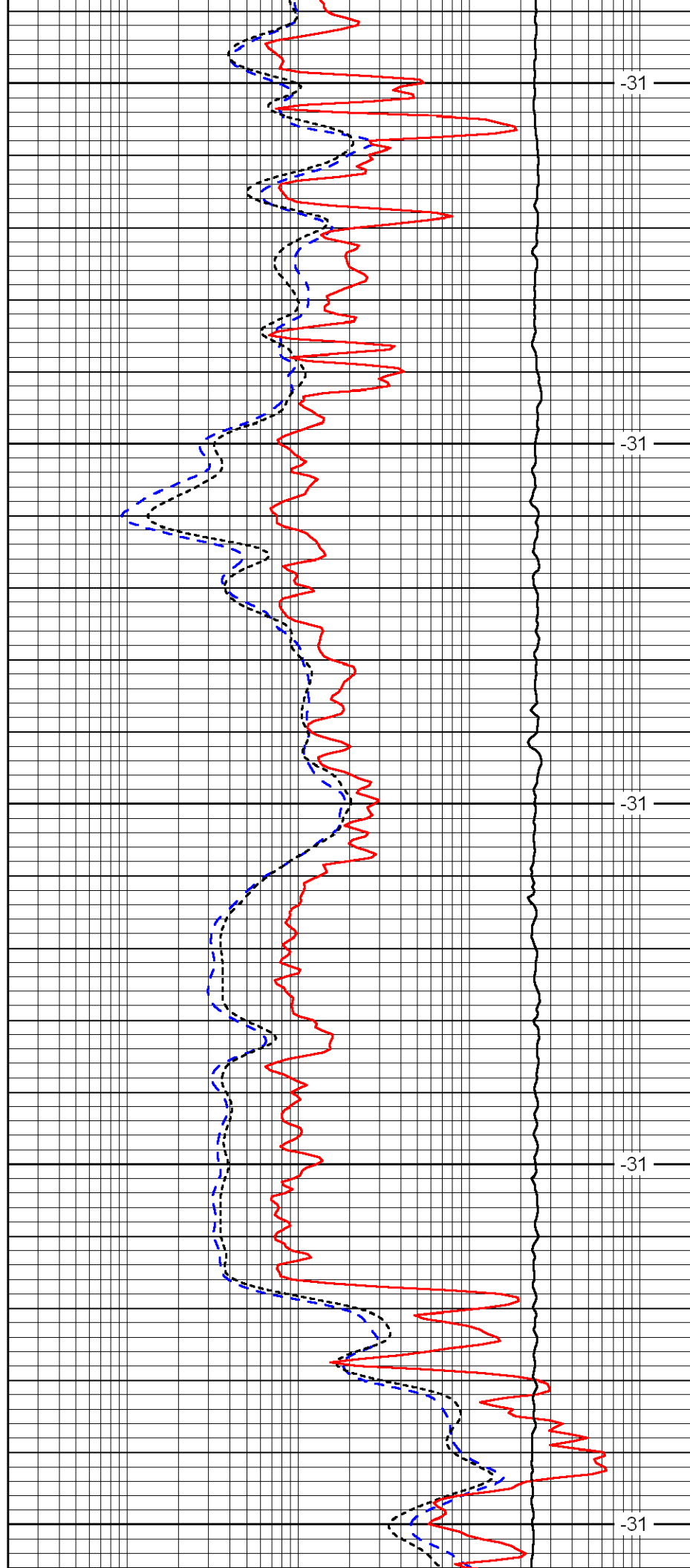
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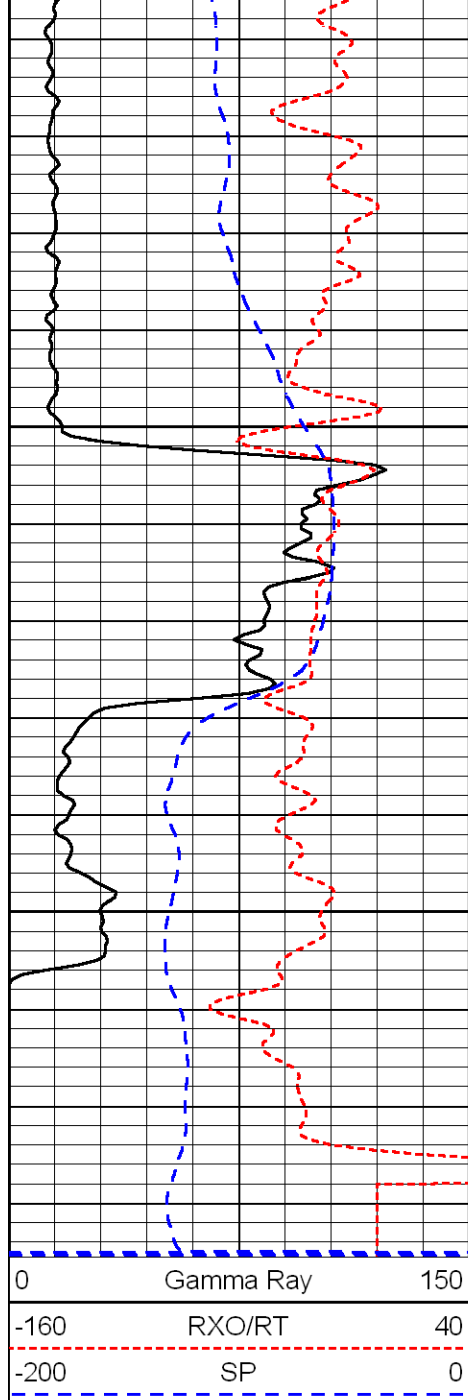
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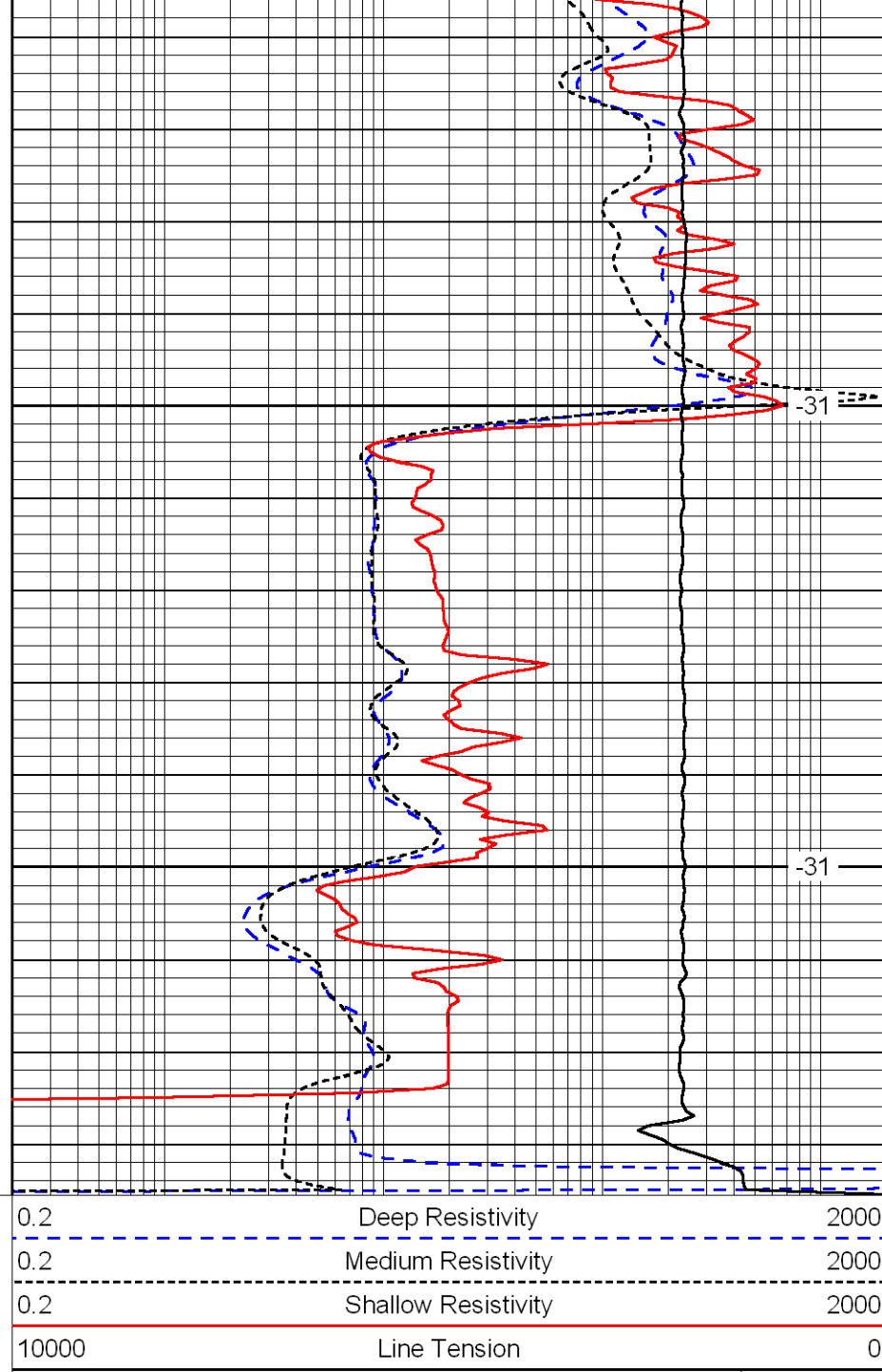
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LSPD