



Dual Induction Log

Pioneer Energy Services

API No.	Company Trans Pacific Oil Corporation				
	Well KSJ Farms 'A' #1-33				
	Field Wildcat				
	County	Rooks	State	Kansas	
15-163-24238-00-00	Location	1585' FSL & 2590' FEL			Other Services CNL/CDL MEL/BHCS
	Sec: 33	Twp: 8S	Rge: 20W	Elevation	
	Permanent Datum	Ground Level	Elevation 2116		K.B. 2123
Log Measured From	Kelly Bushing	7	Ft. Above Perm. Datum		D.F. 2116
Drilling Measured From	Kelly Bushing	G.L. 2116			
Date	9/16/2014				
Run Number	One				
Depth Driller	3780				
Depth Logger	3783				
Bottom Logged Interval	3782				
Top Log Interval	200				
Casing Driller	8.625 @ 220				
Casing Logger	220				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity,ppm CL	2800				
Density / Viscosity	9.5	63			
pH / Fluid Loss	8.5	9.6			
Source of Sample	Flowline				
Rm @ Meas. Temp	1.00 @ 60				
Rmf @ Meas. Temp	0.75 @ 60				
Rmc @ Meas. Temp	1.35 @ 60				
Source of Rmf / Rmc	Charts				
Rm @ BHT	0.52 @ 116				
Operating Rig Time	4 Hours				
Max Rec. Temp. F	116				
Equipment Number	91				
Location	Hays				
Recorded By	M. Beougher		D. Schmidt		
Witnessed By	Bryce Bidleman				

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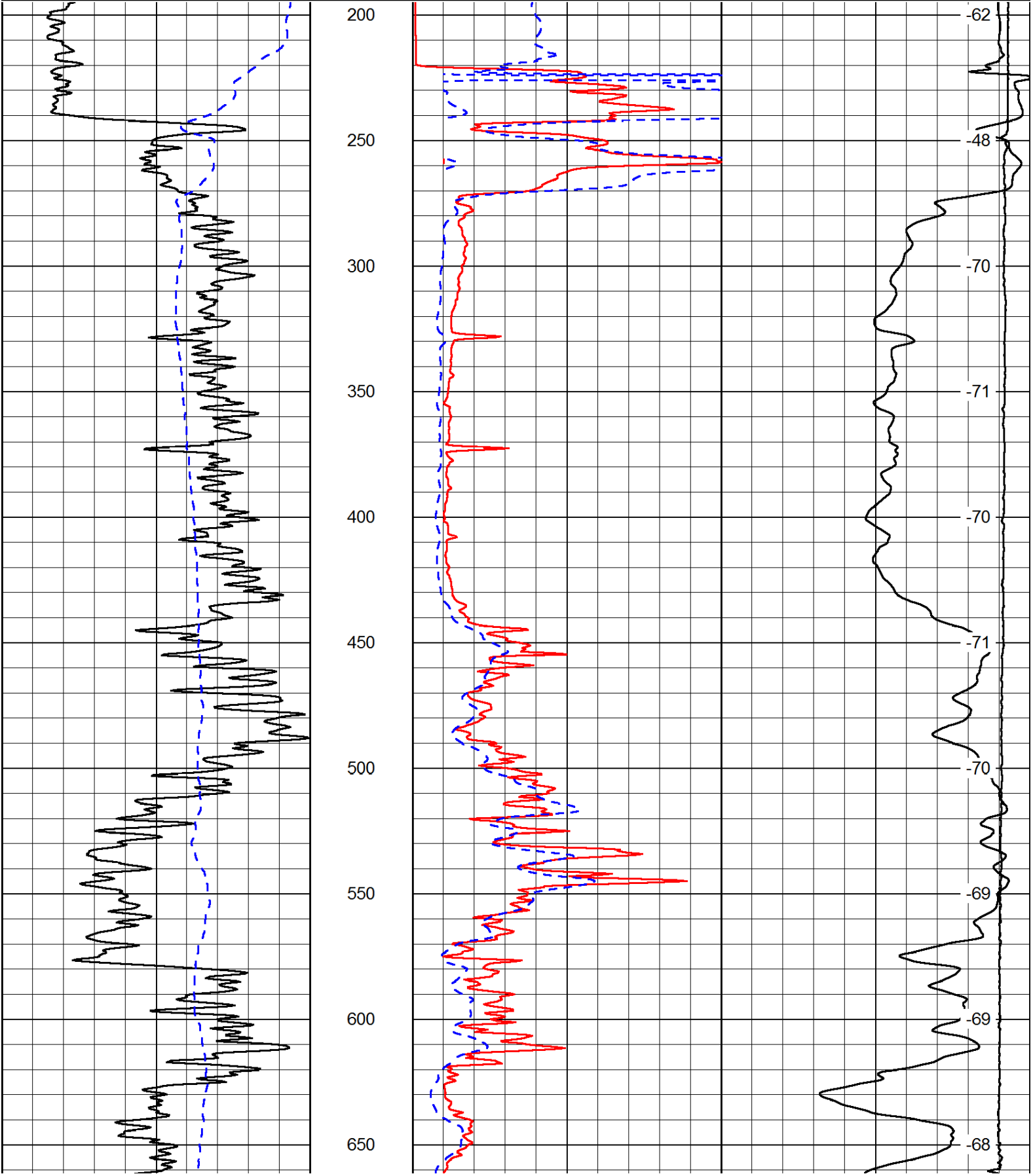
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

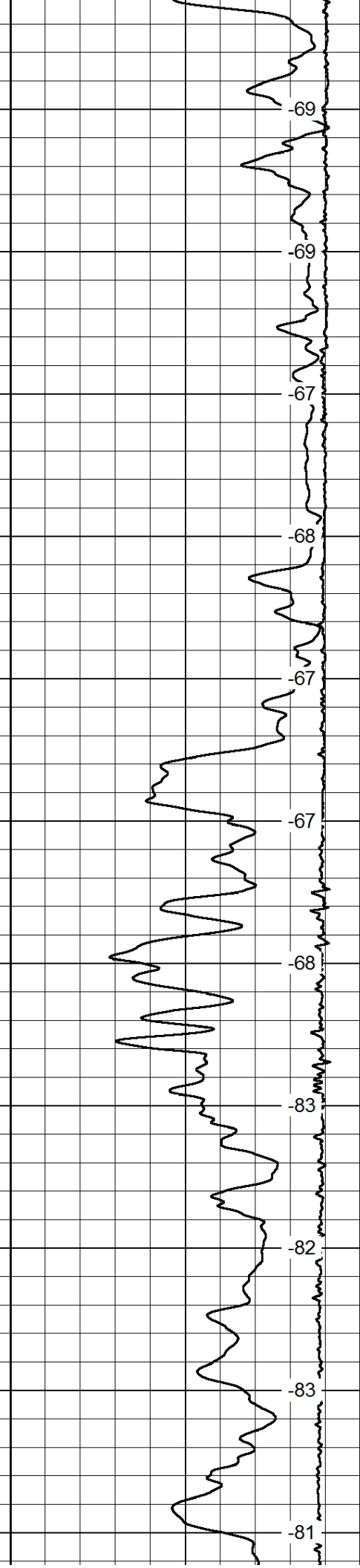
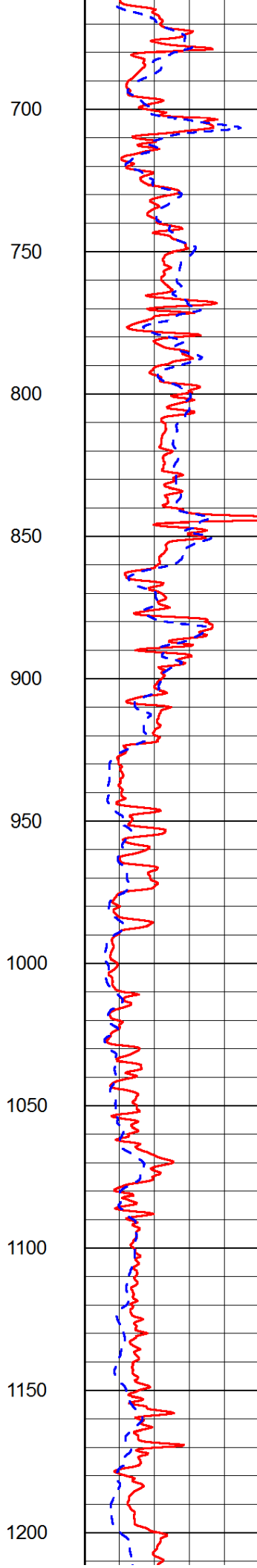
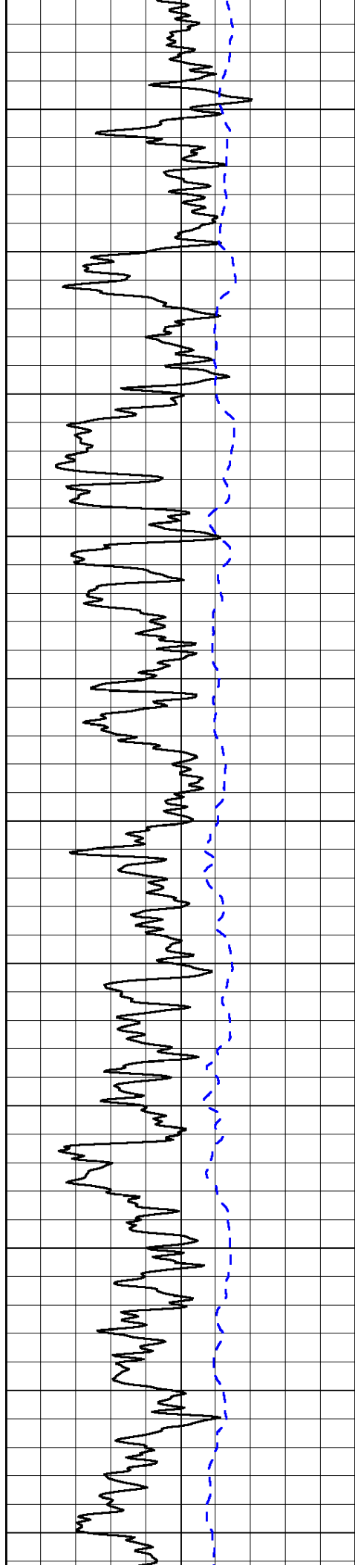
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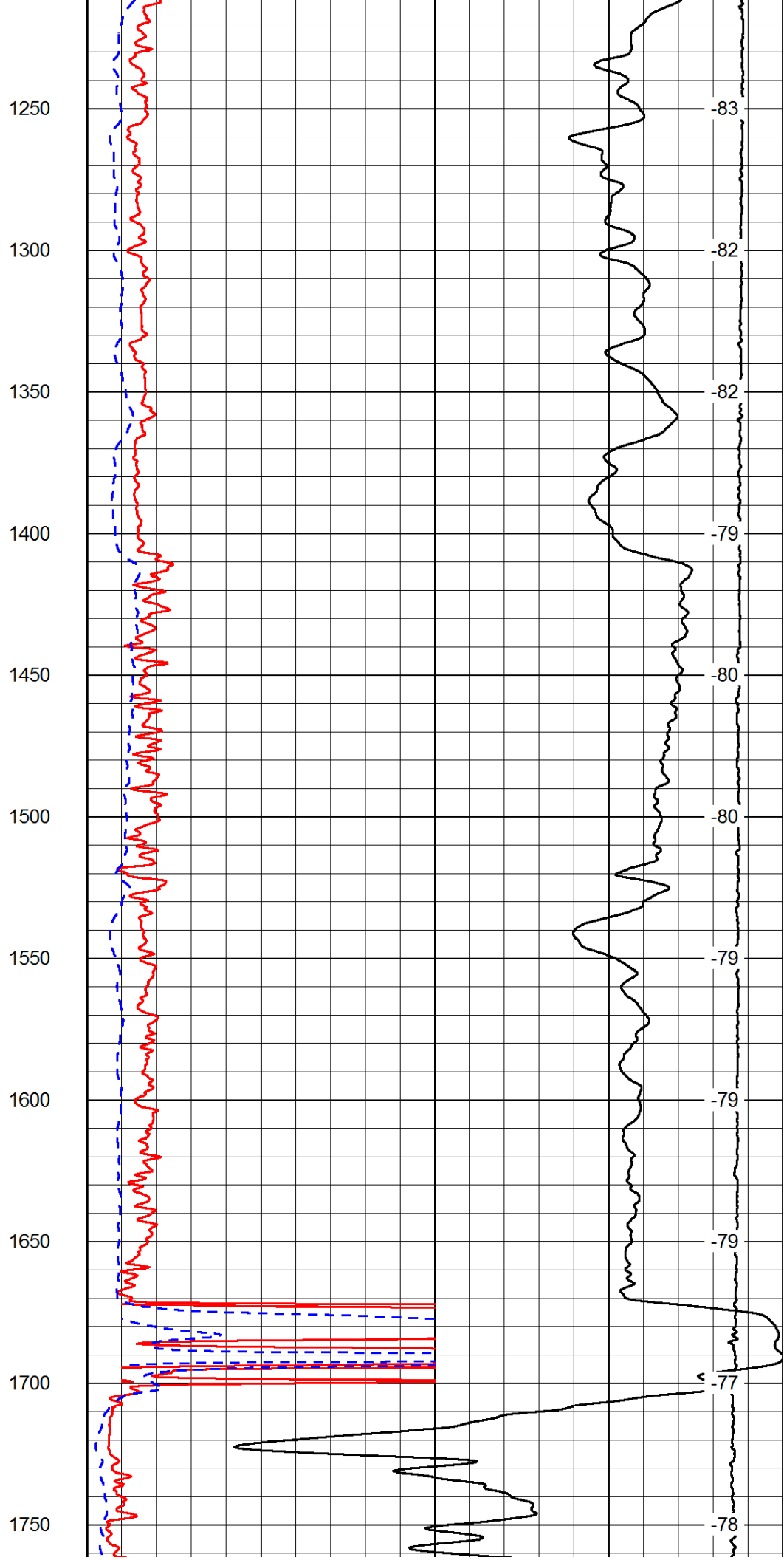
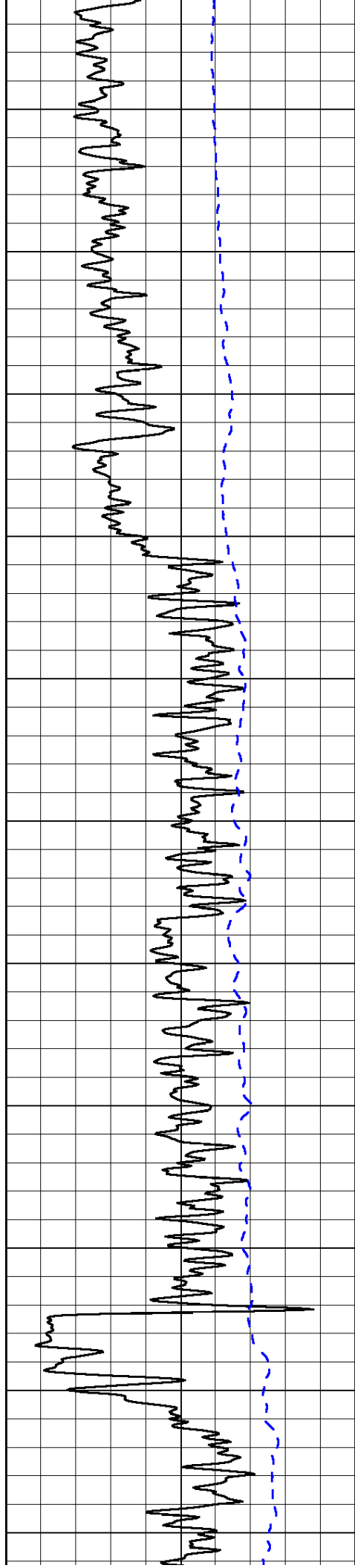
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Palco,
West on Hwy 18 to S RD,
1 East,
North Into

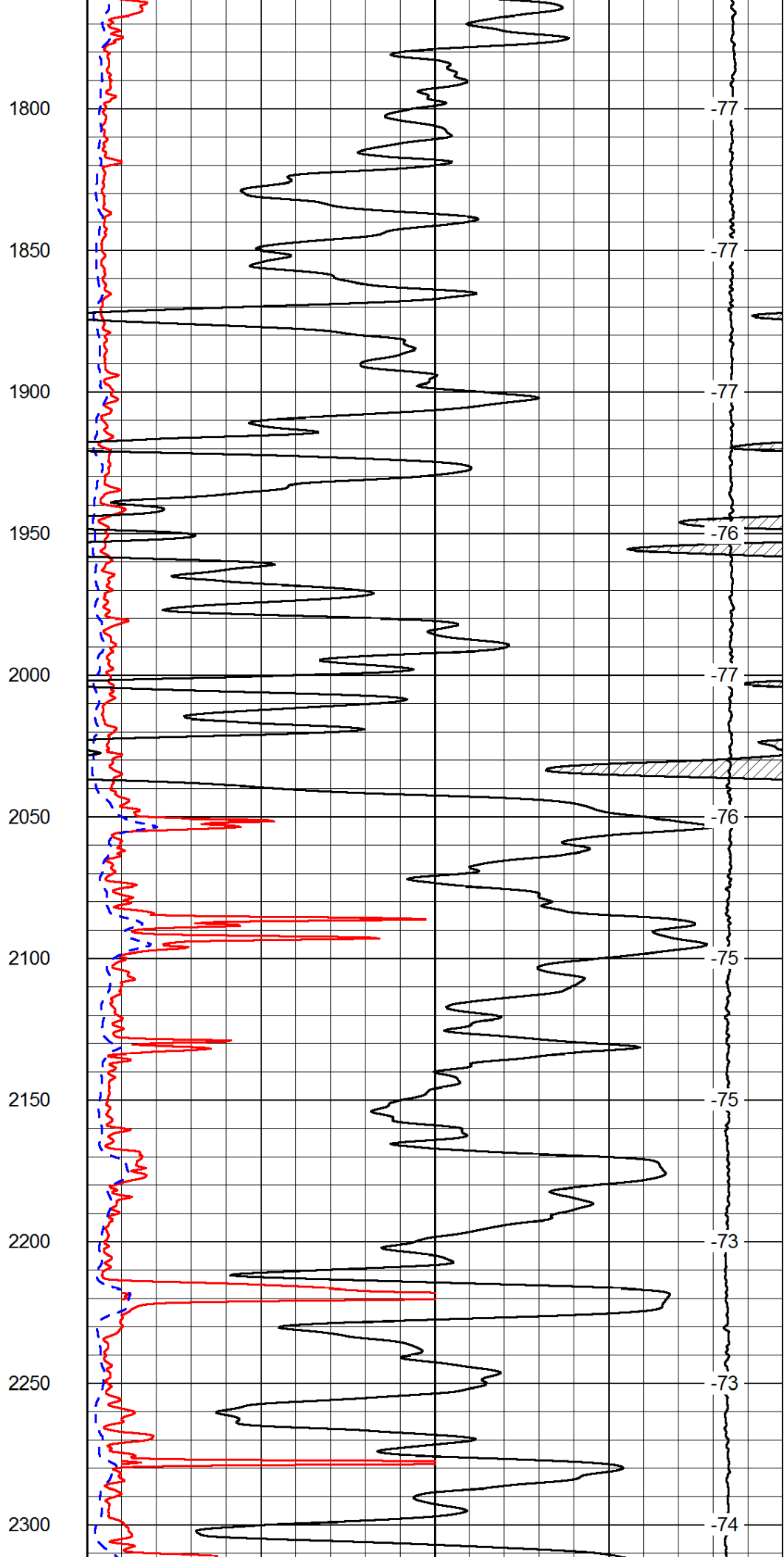
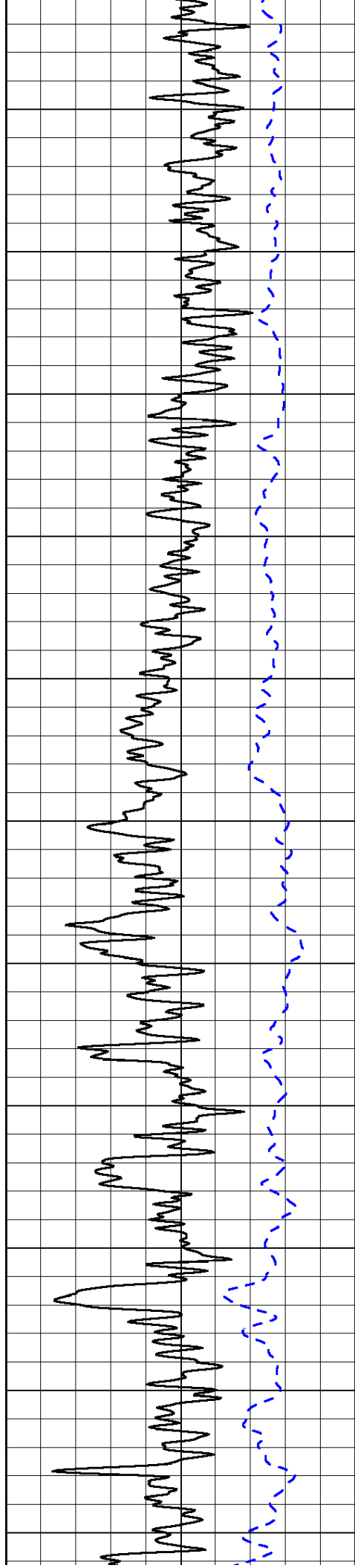
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Charted by: Depth in Feet scaled 1:600

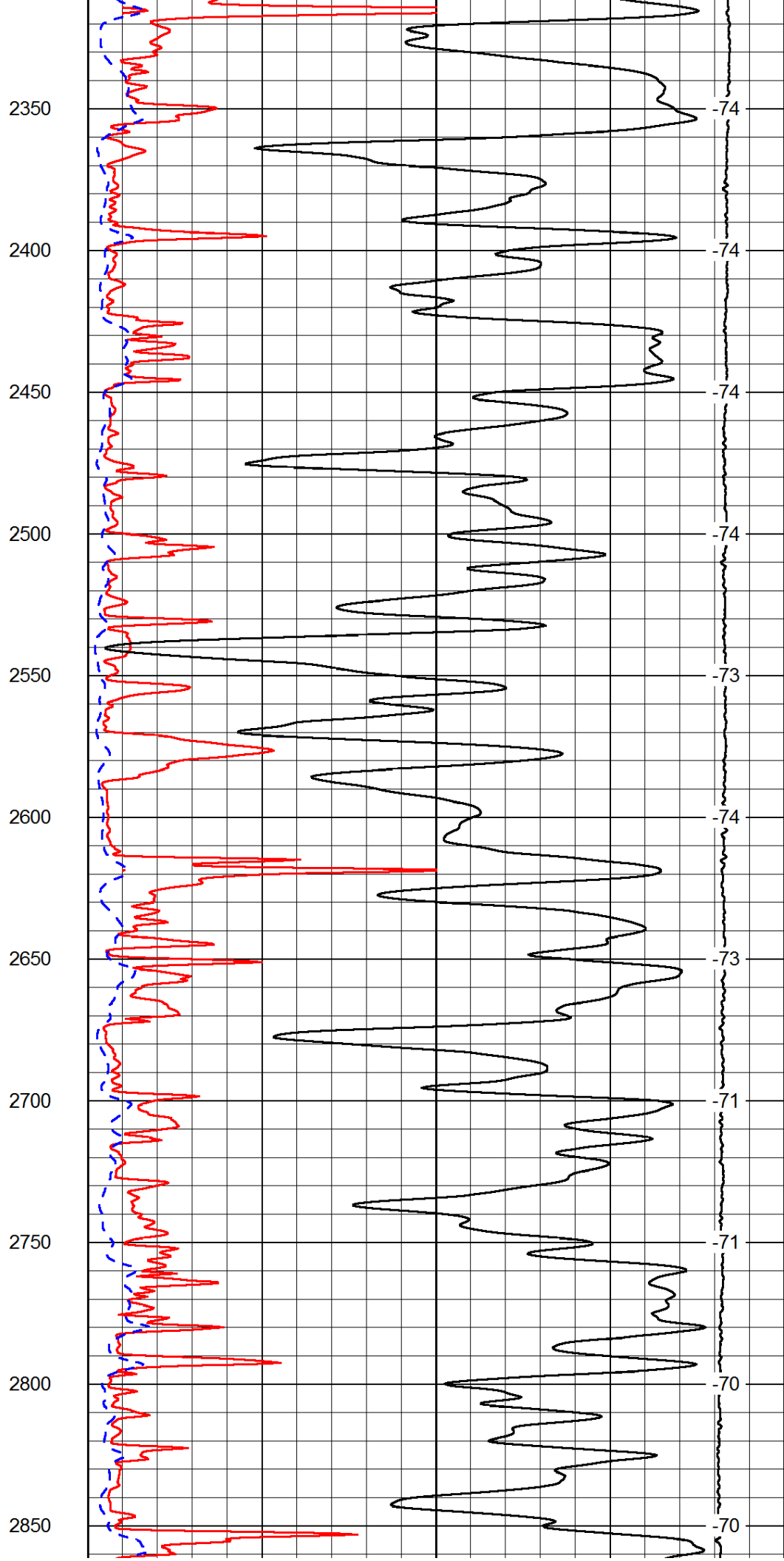
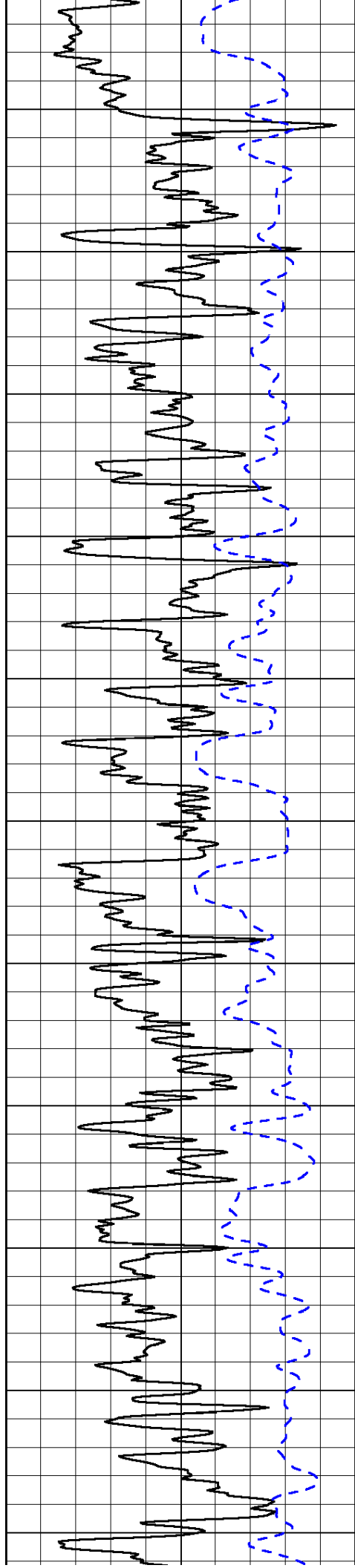
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0	Gamma Ray	150	0	Shallow Resistivity	50	LSPD		
-200	SP (mV)	0	0	Deep Resistivity	50			
			1000	Conductivity		0		
			15000	Line Tension		0		
			50	Shallow Resistivity	500			
			50	Deep Resistivity	500			

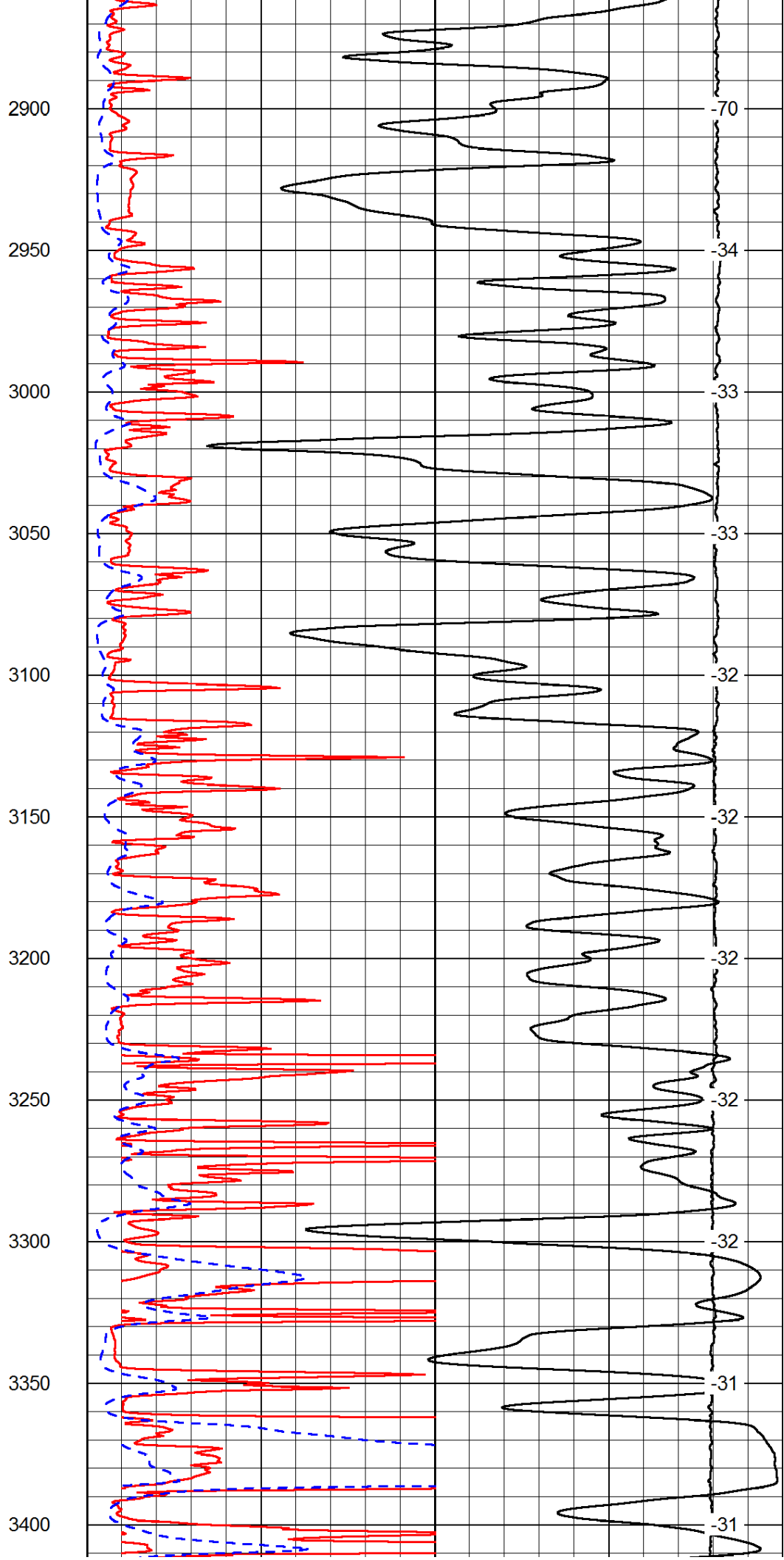
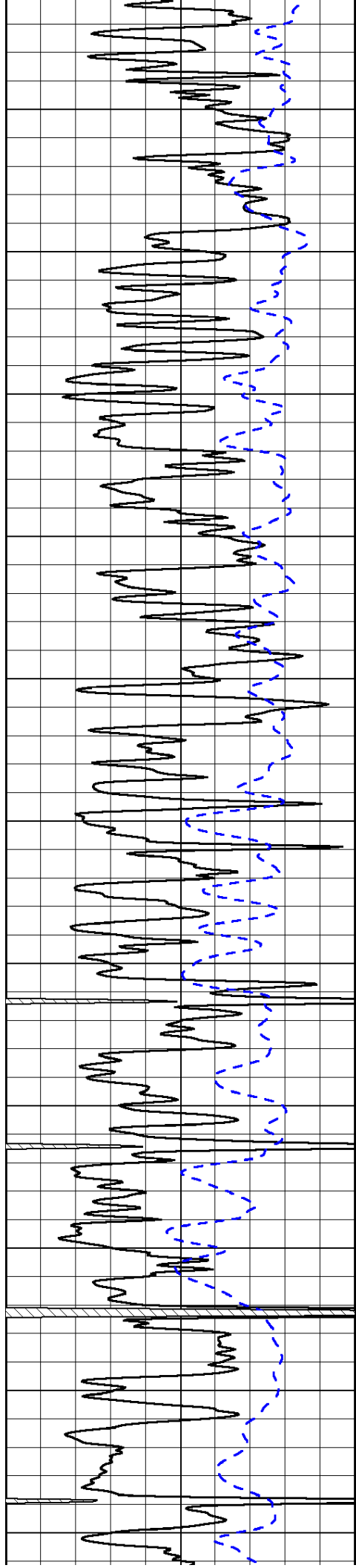


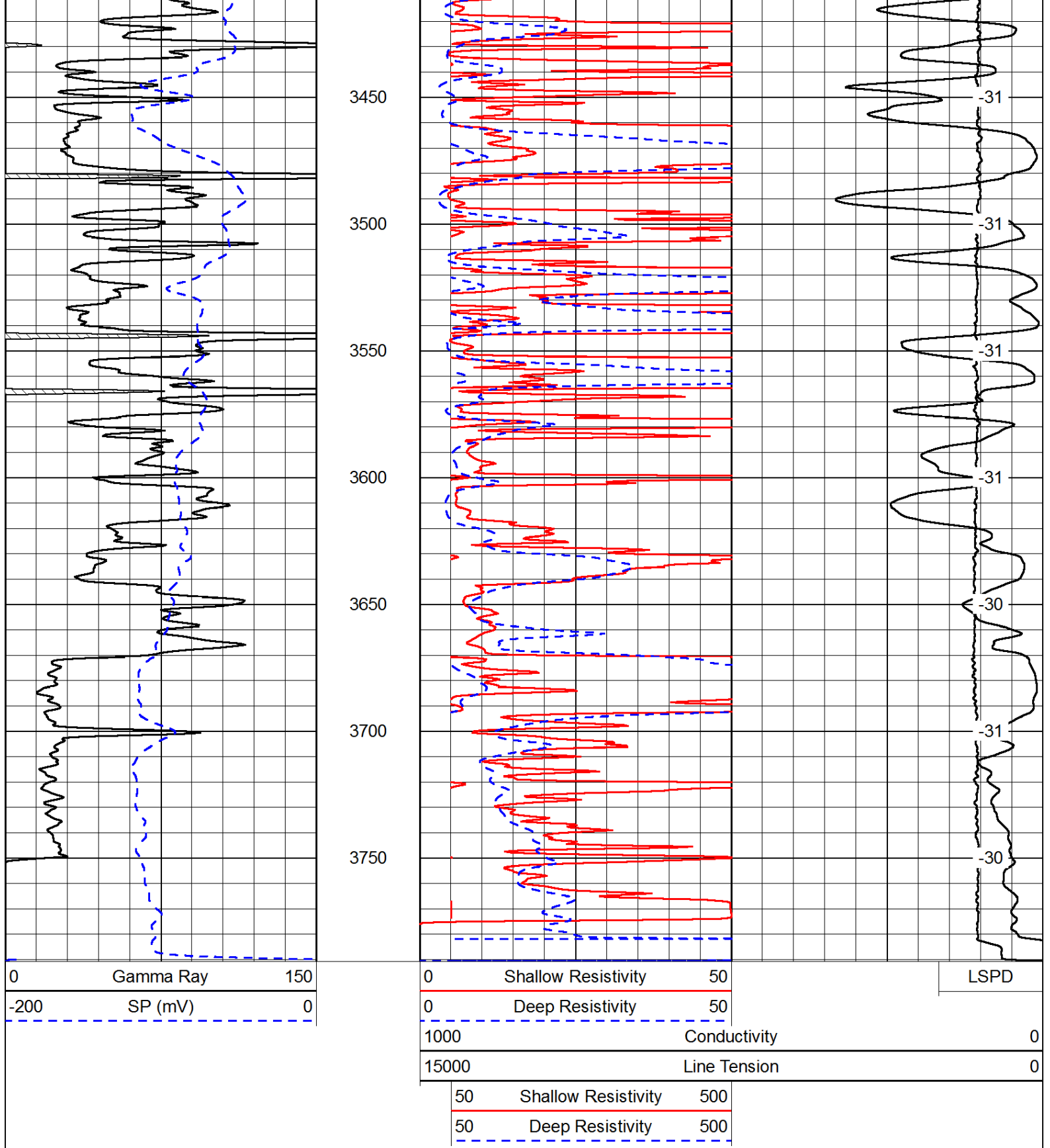






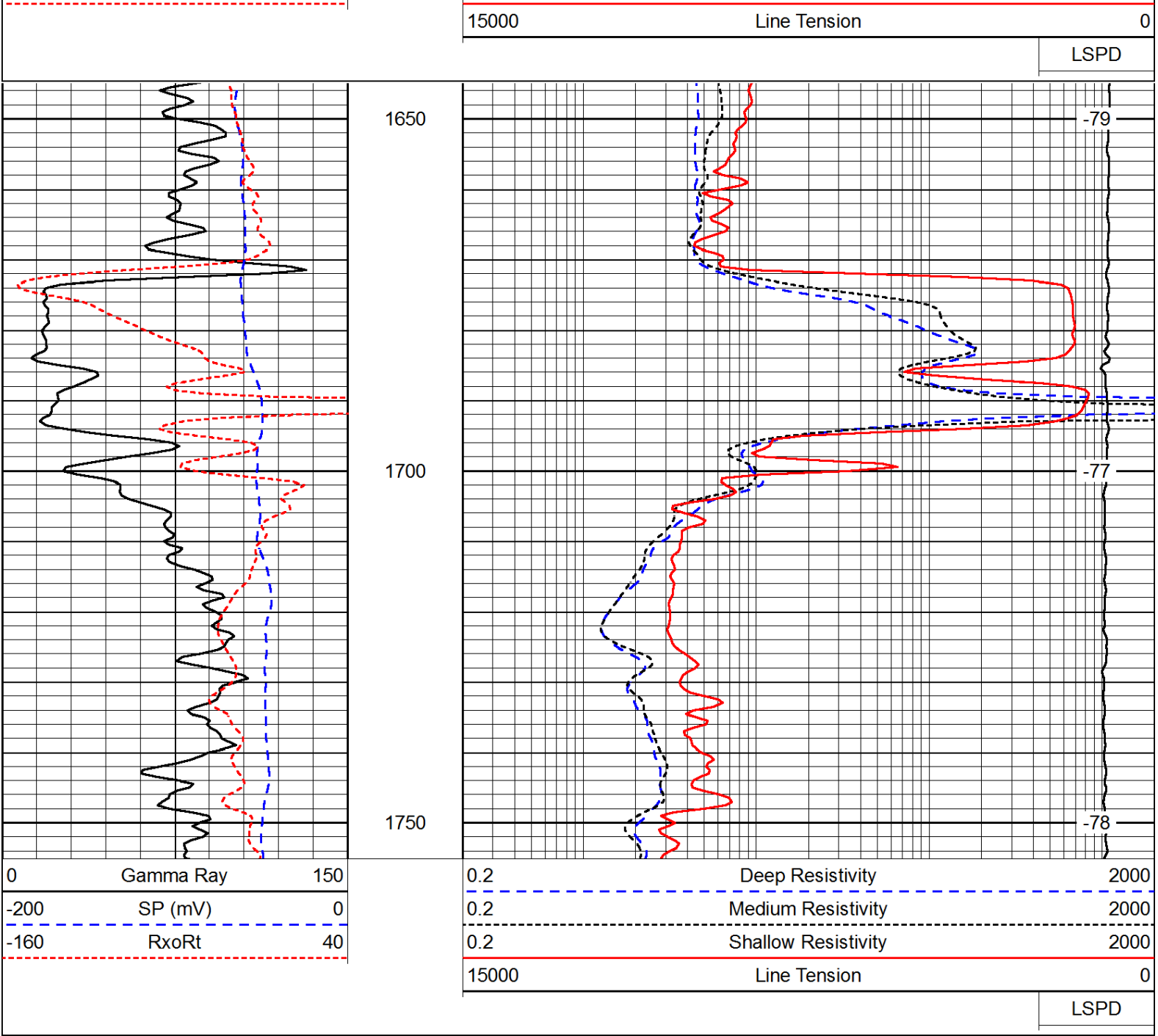




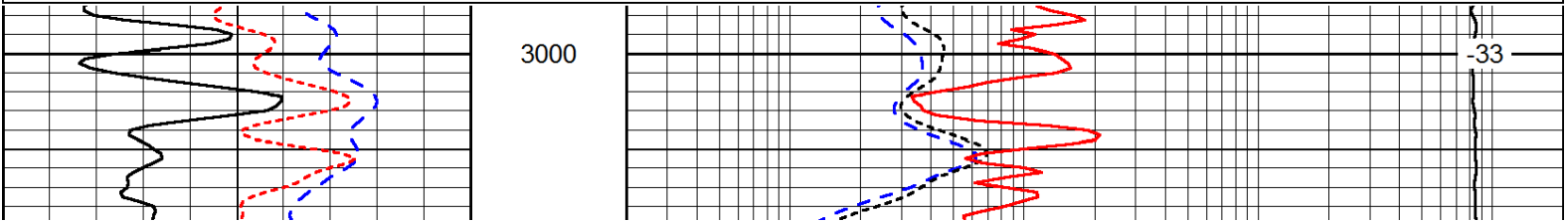
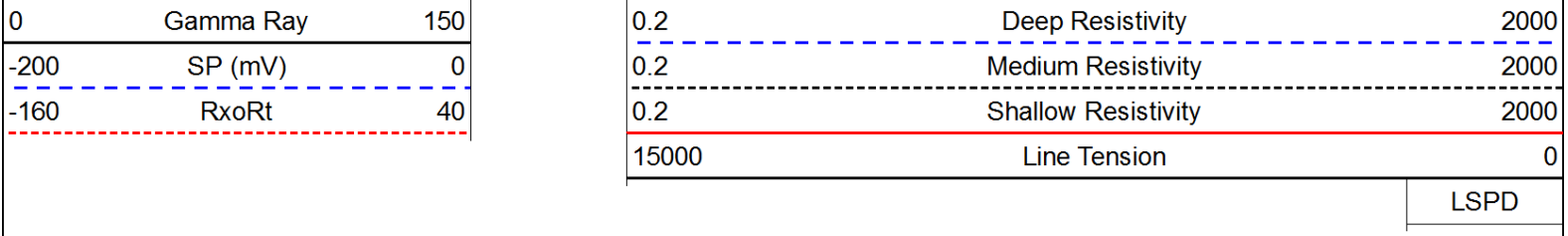


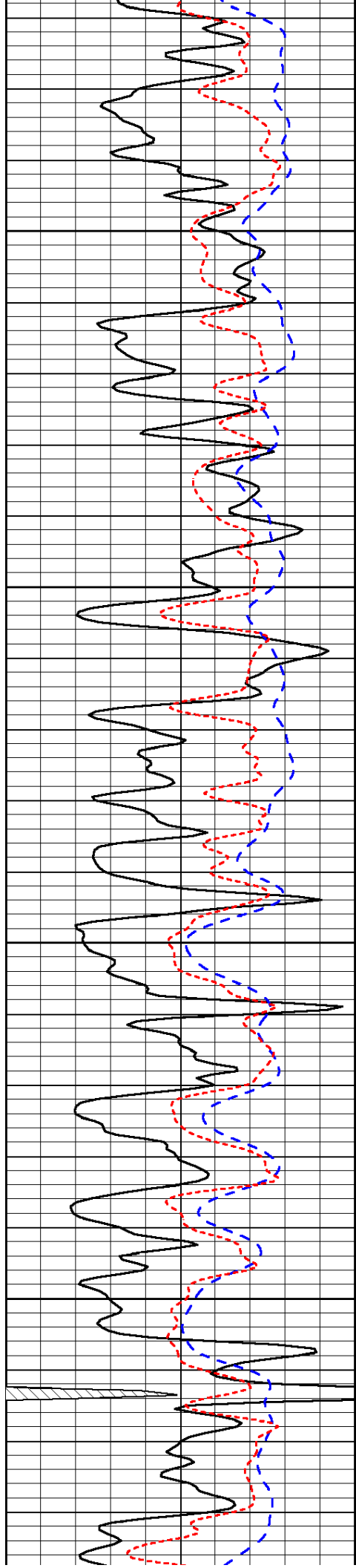
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 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	RxoRt	40	0.2	Shallow Resistivity	2000



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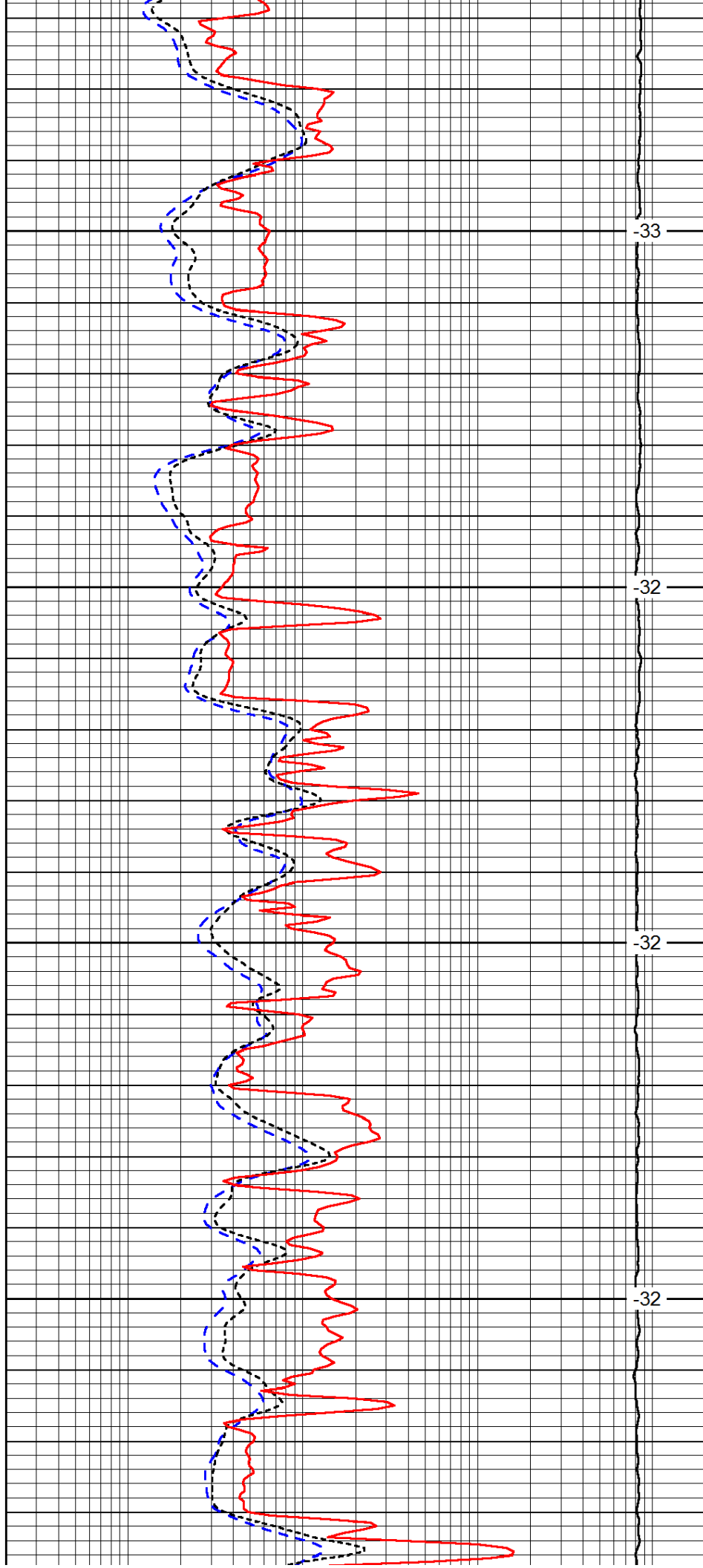


3050

3100

3150

3200

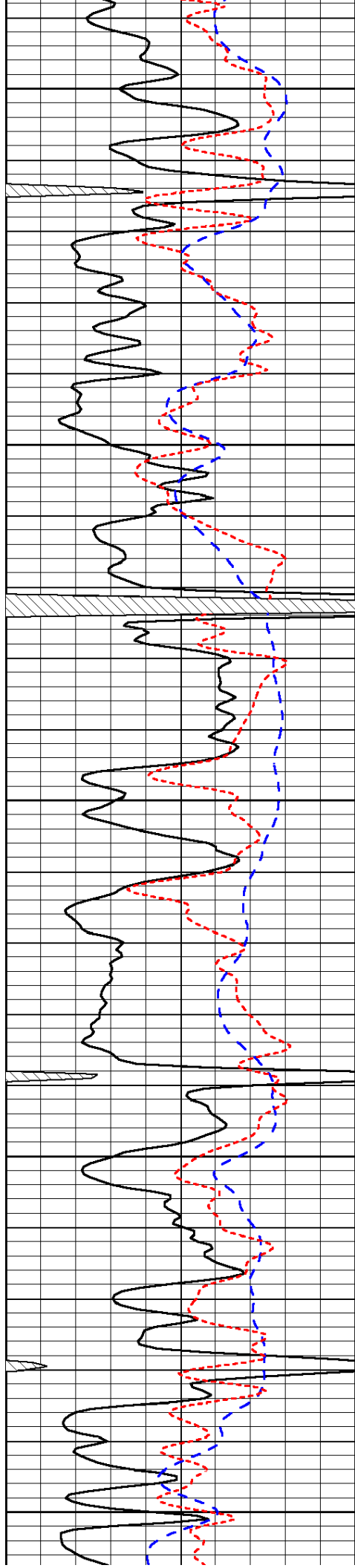


-33

-32

-32

-32



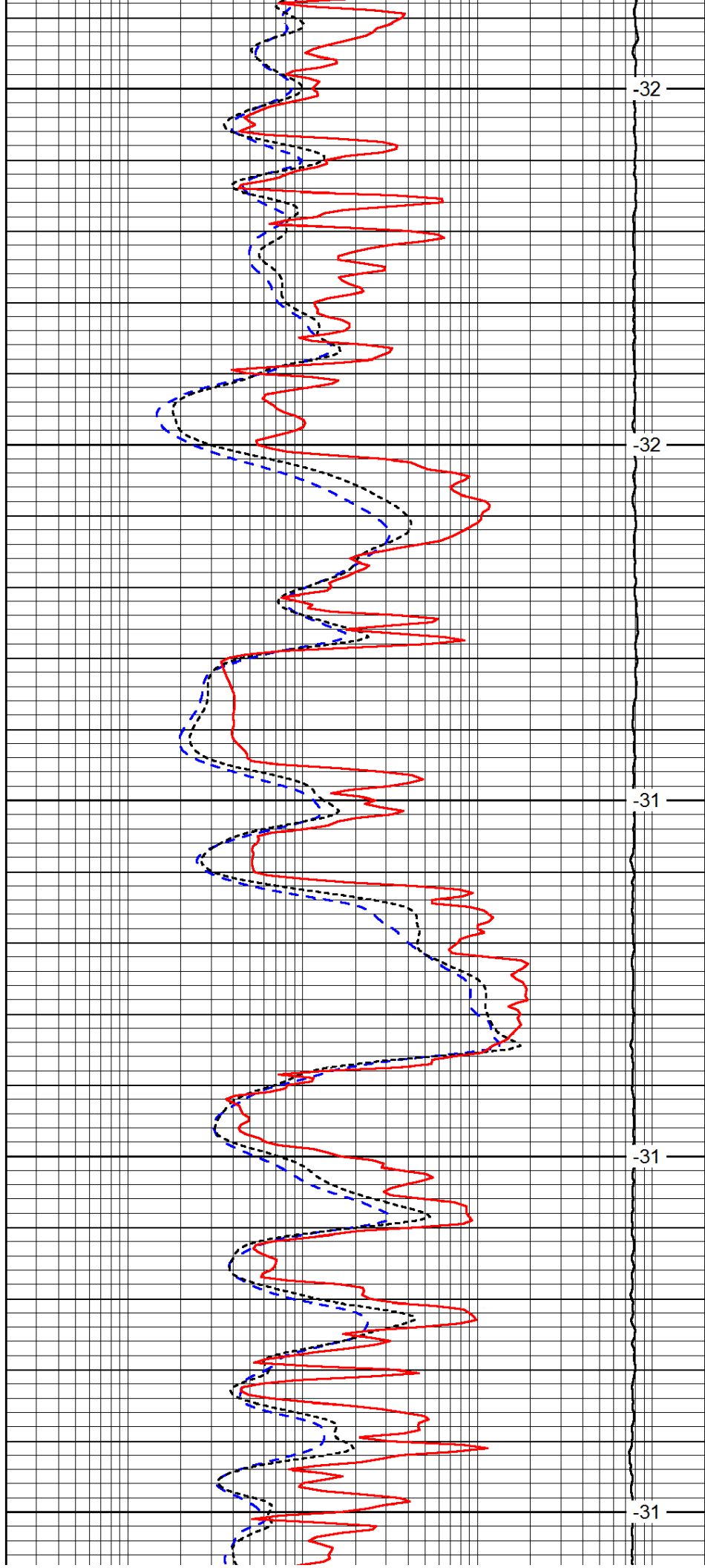
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3300

3350

3400

3450



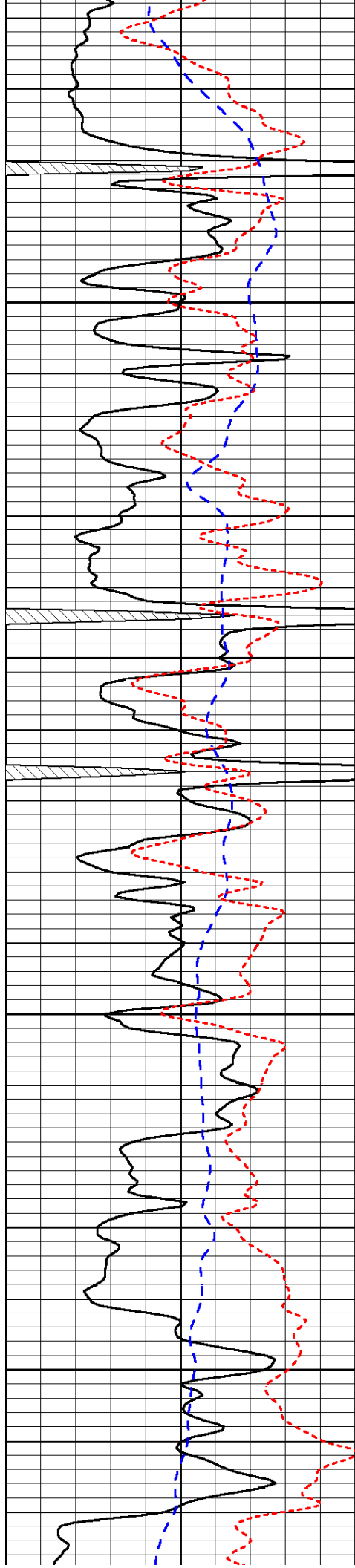
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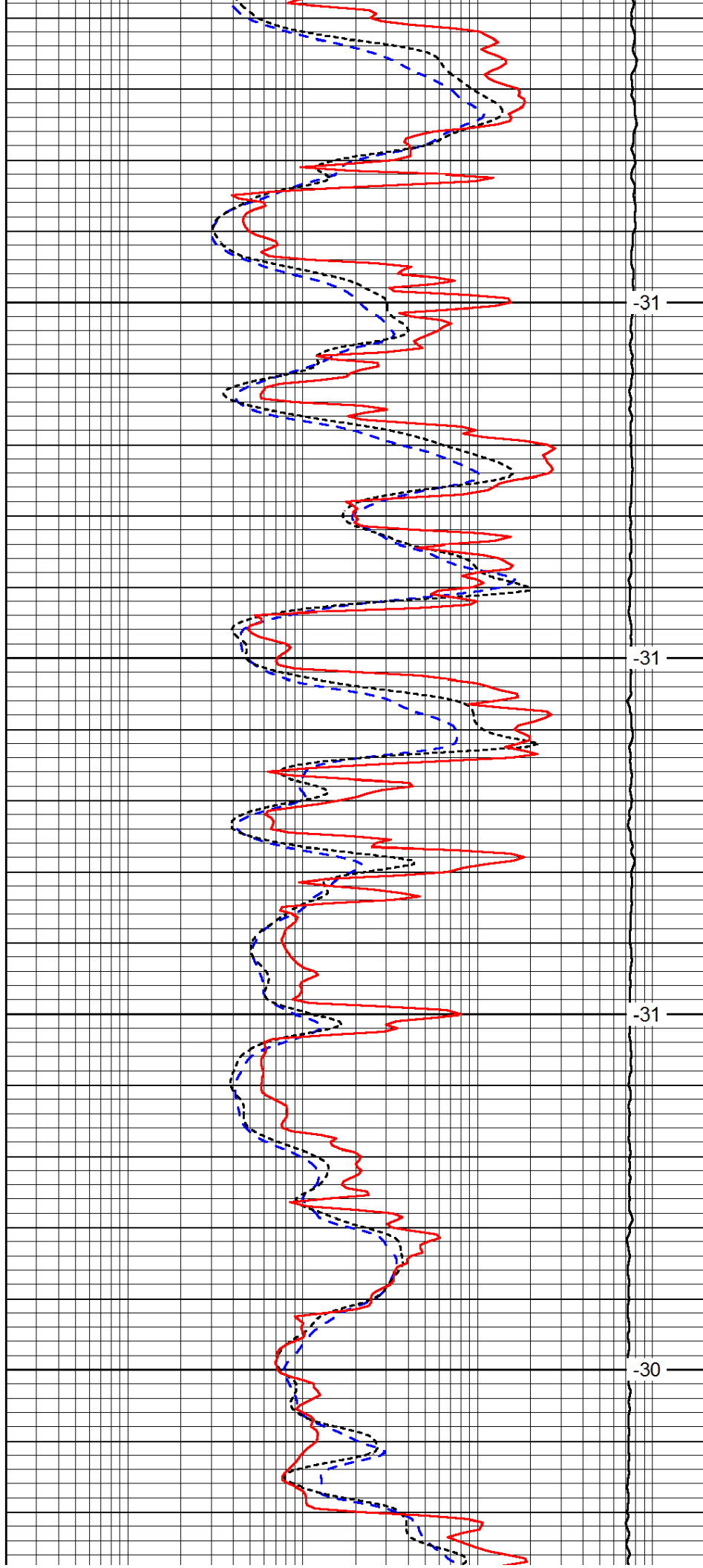


3500

3550

3600

3650

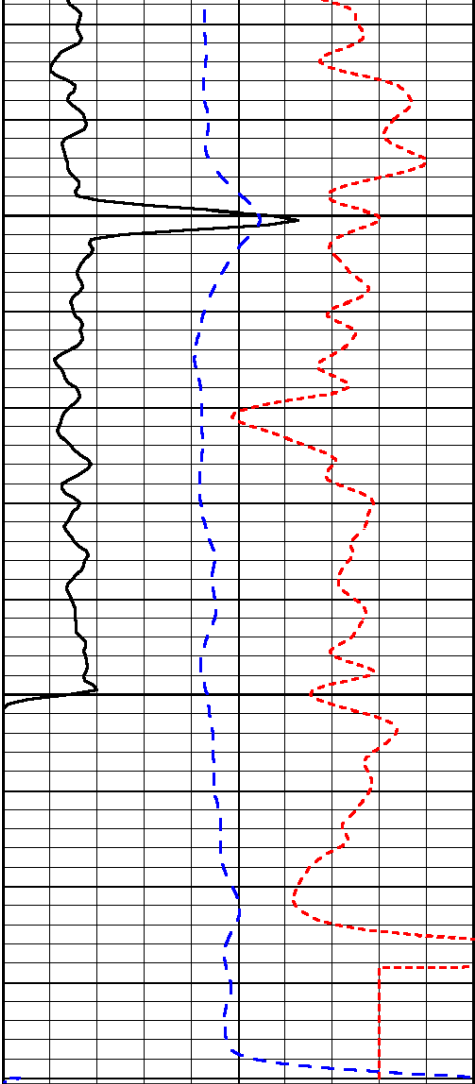


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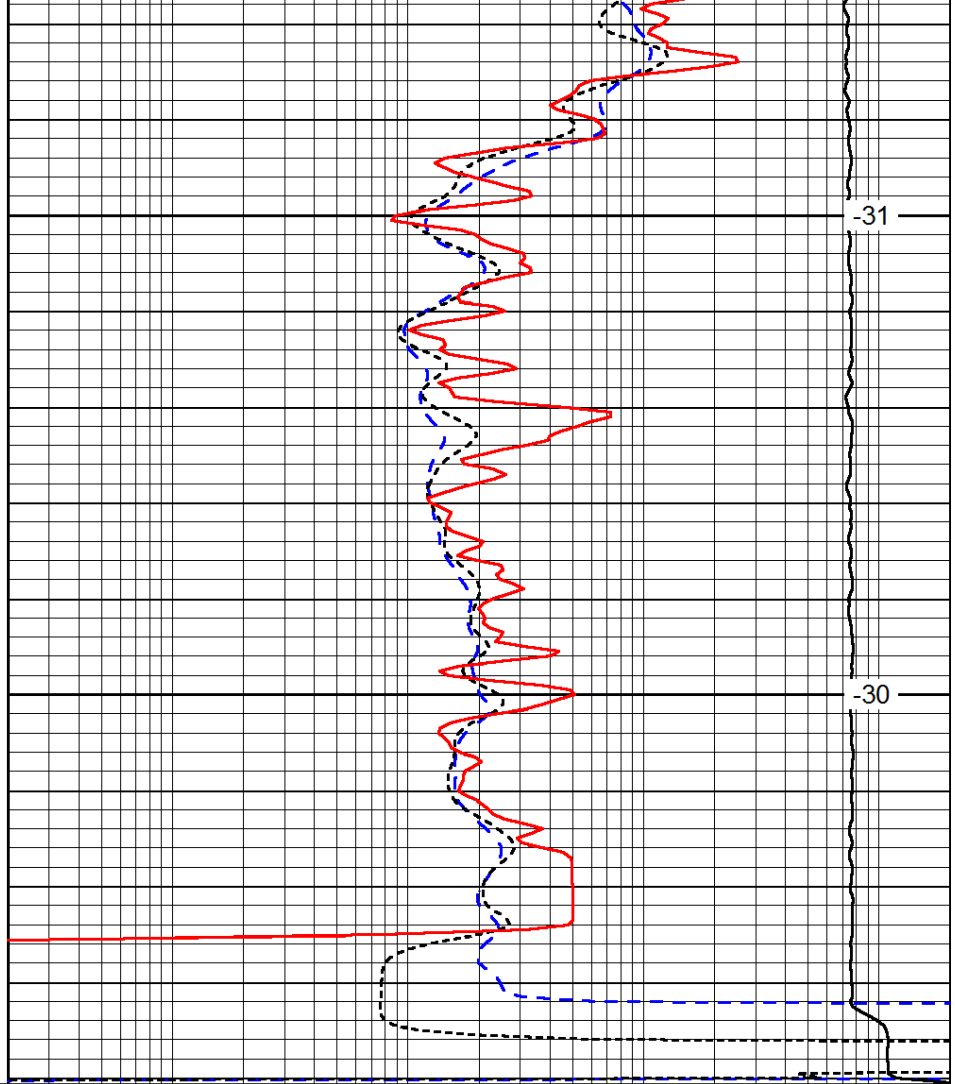
-30



0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

3700

3750



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

LSPD