



Dual Induction Log

Pioneer Energy Services

API No.	Company Jason Oil Company, LLC		
	Well Harbacek #6		
	Field Stollenberg		
	County Ellsworth	State	Kansas
	Location NW SE SE NW 2,150' FNL & 3,027' FEL	Other Services CNL/CDL MEL	
	Sec: 7	Twp: 16S	Rge: 10W
Permanent Datum	Ground Level	Elevation 1824	
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum	K.B. 1831
Drilling Measured From	From Kelly Bushing		D.F. 1824
Date	2/19/2014		
Run Number	One		
Depth Driller	3400		
Depth Logger	3400		
Bottom Logged Interval	3399		
Top Log Interval	400		
Casing Driller	8.625 @ 428		
Casing Logger	426		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	4000		
Density / Viscosity	8.9 55		
pH / Fluid Loss	10.5 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	.54 @ 74		
Rmf @ Meas. Temp	.41 @ 74		
Rmc @ Meas. Temp	.73 @ 74		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.36 @ 110		
Operating Rig Time	3 1/2 Hours		
Max Rec. Temp. F	110		
Equipment Number	108		
Location	Hays		
Recorded By	J. Long		
Witnessed By	Steve Reed		

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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

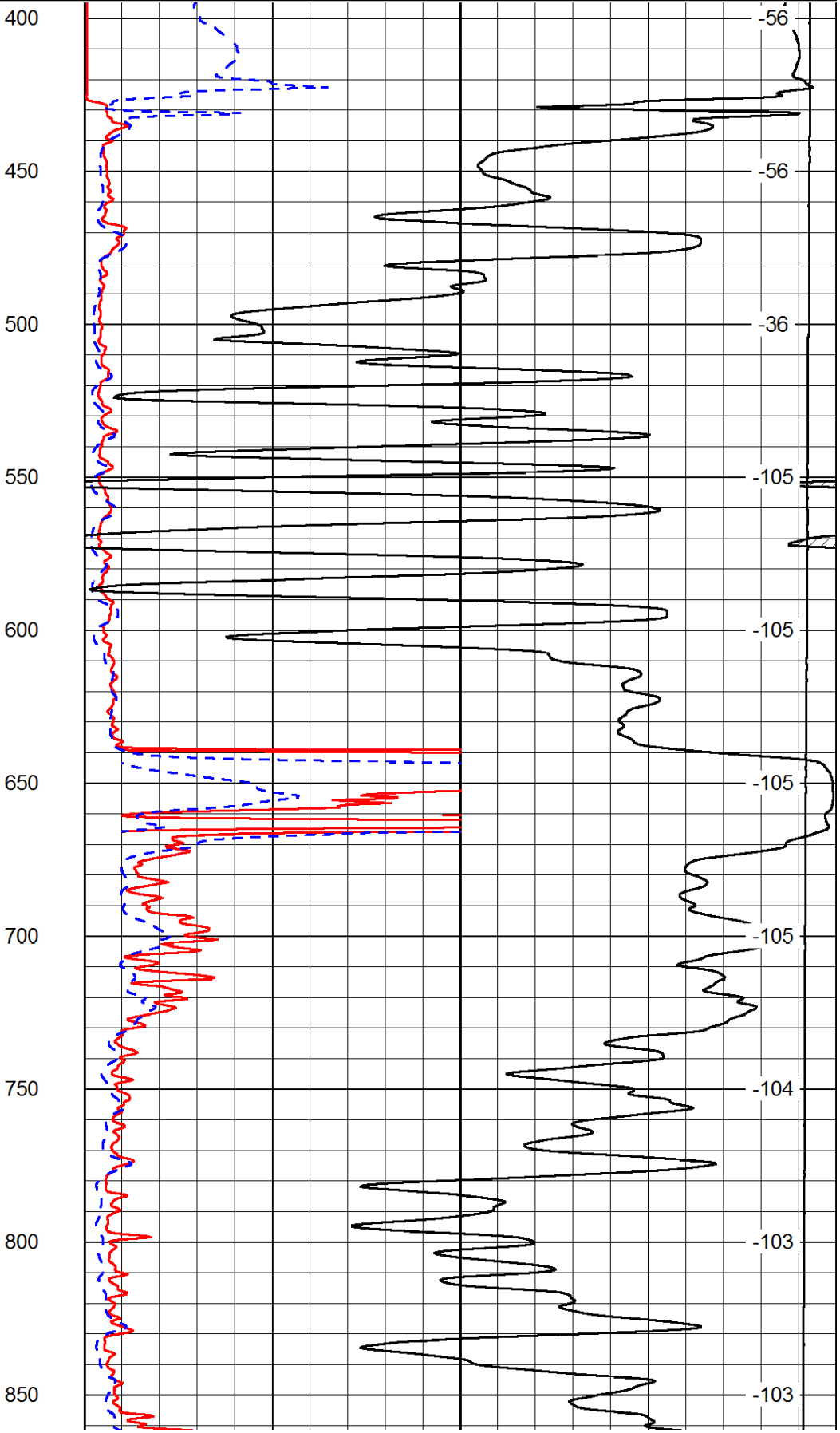
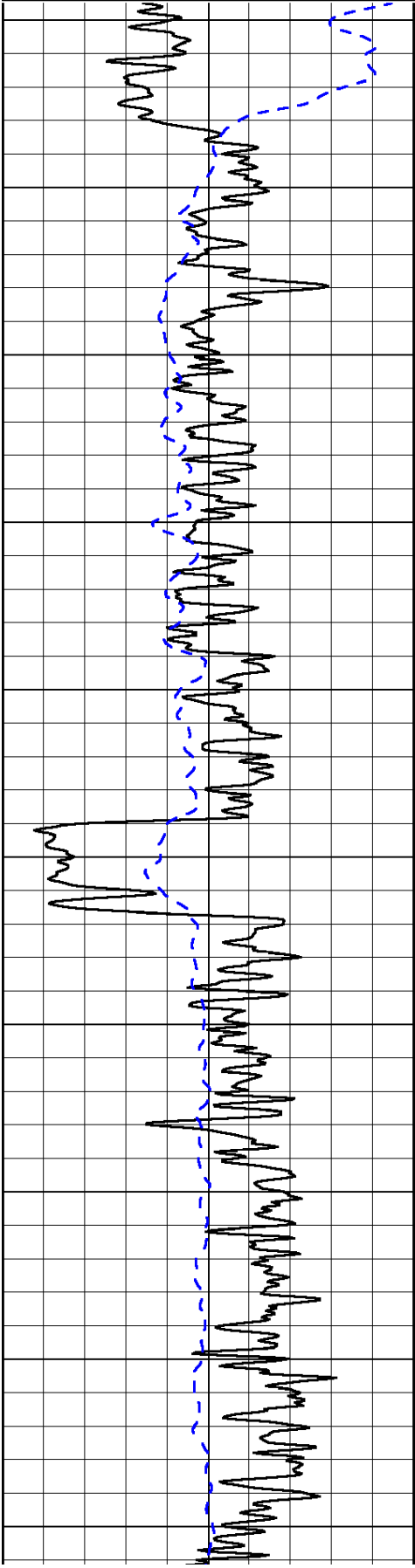
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

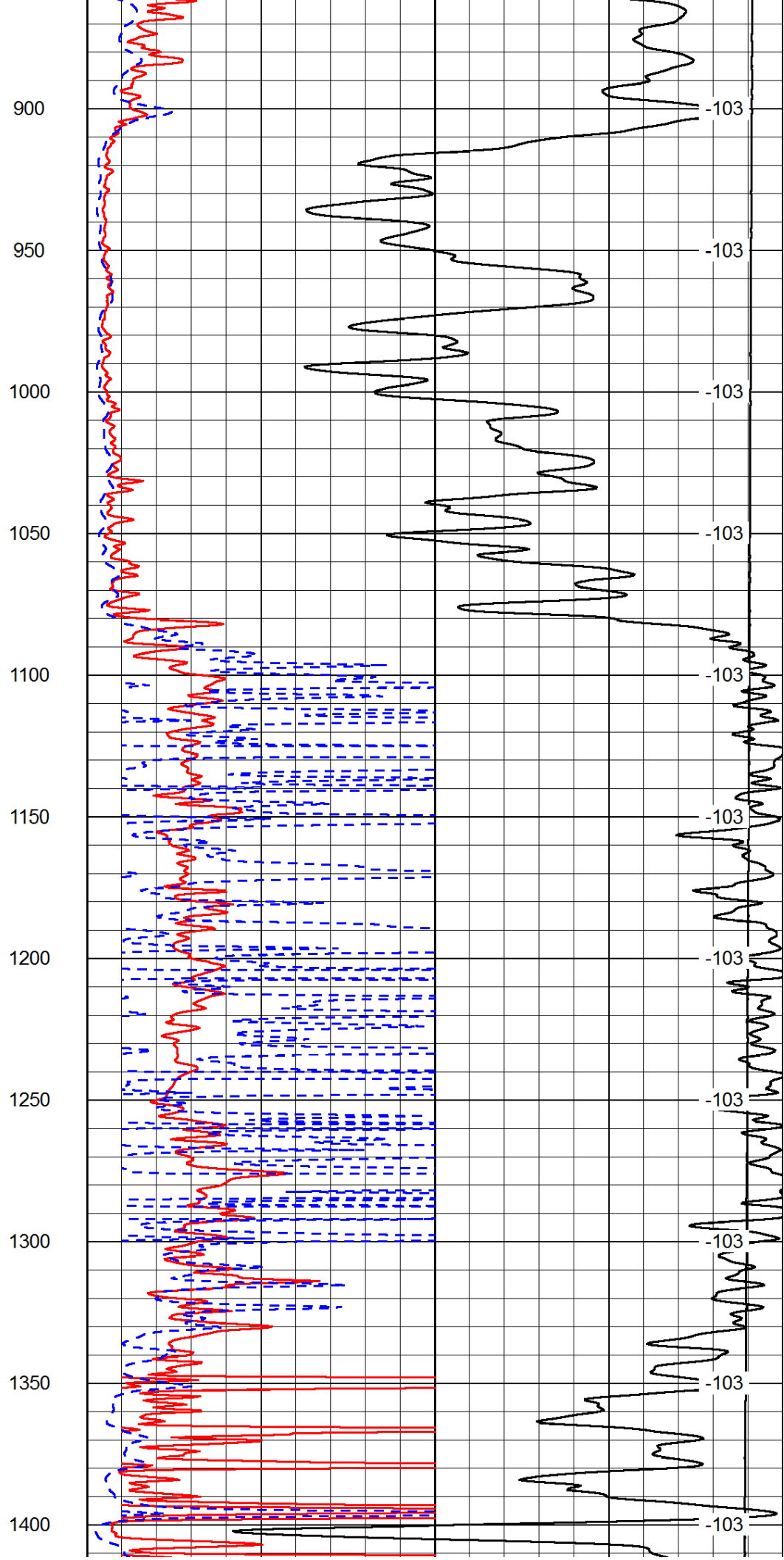
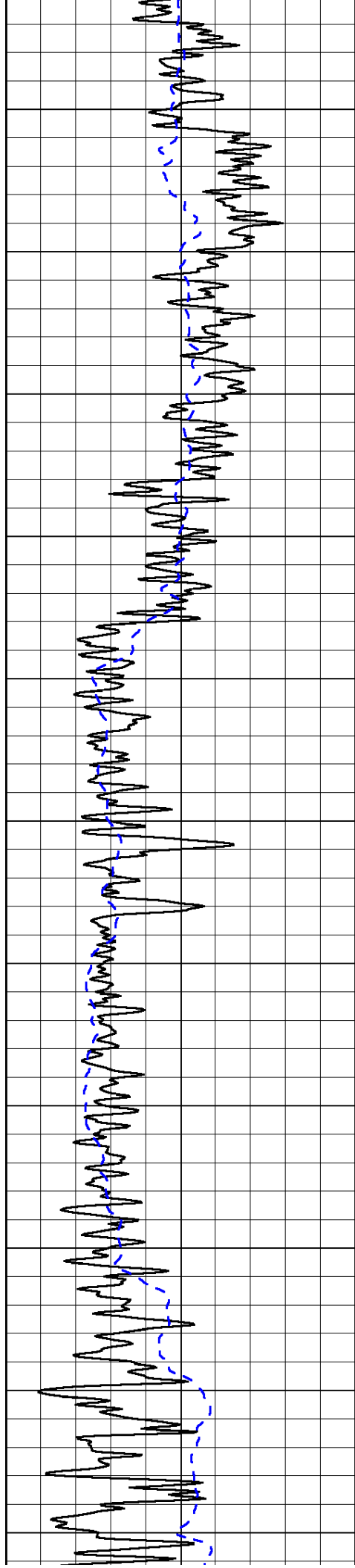
Wilson, South to Avenue N, 1/2 East, South Into

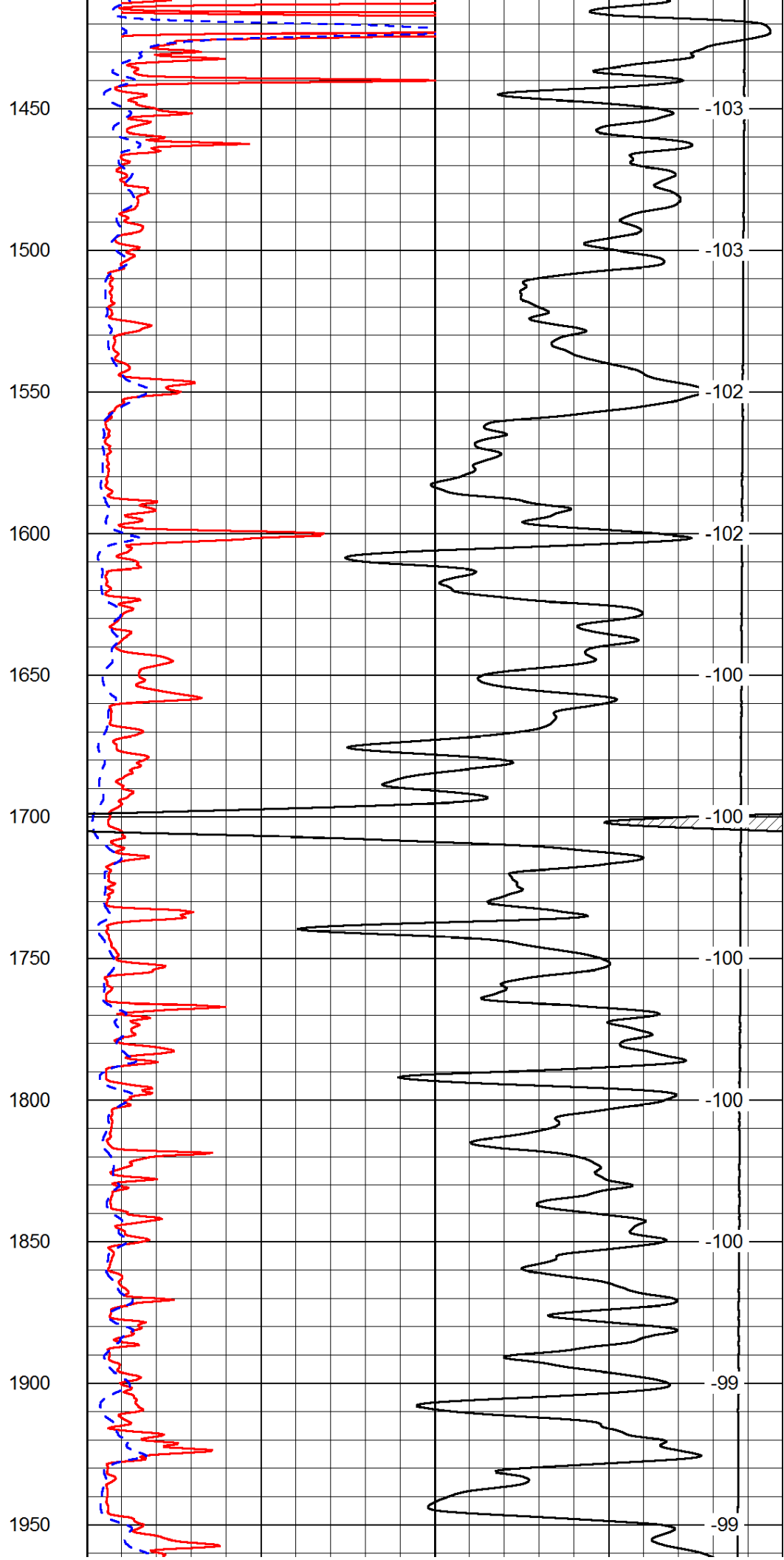
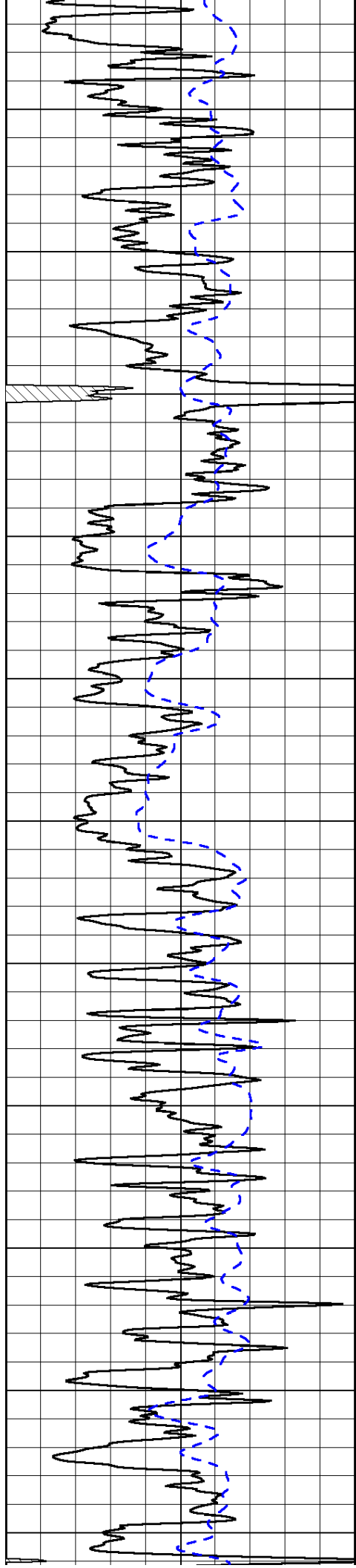
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Dataset Pathname: dil/jasstck
Presentation Format: dil2in
Dataset Creation: Wed Feb 19 09:01:54 2014
Charted by: Depth in Feet scaled 1:600

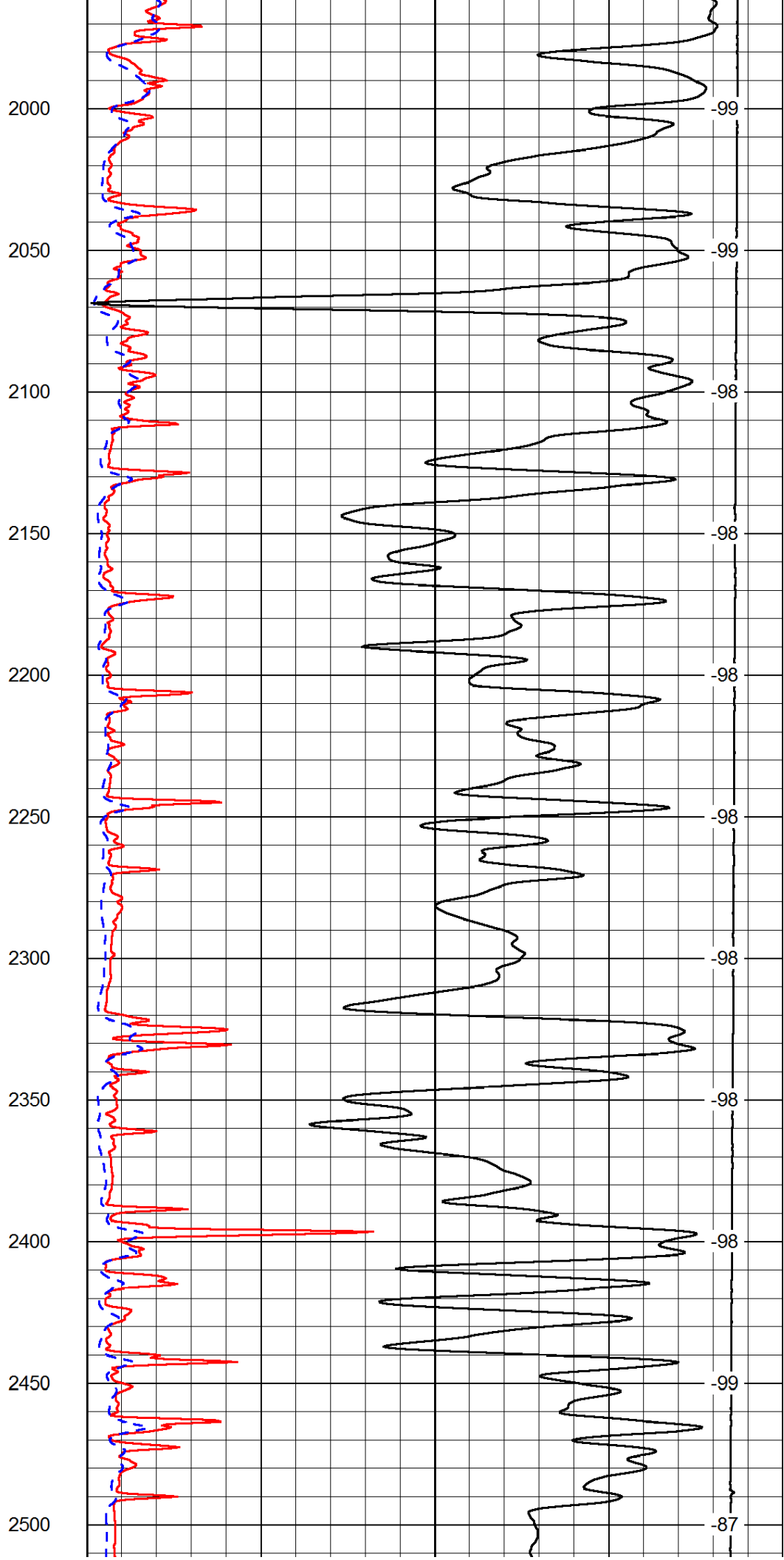
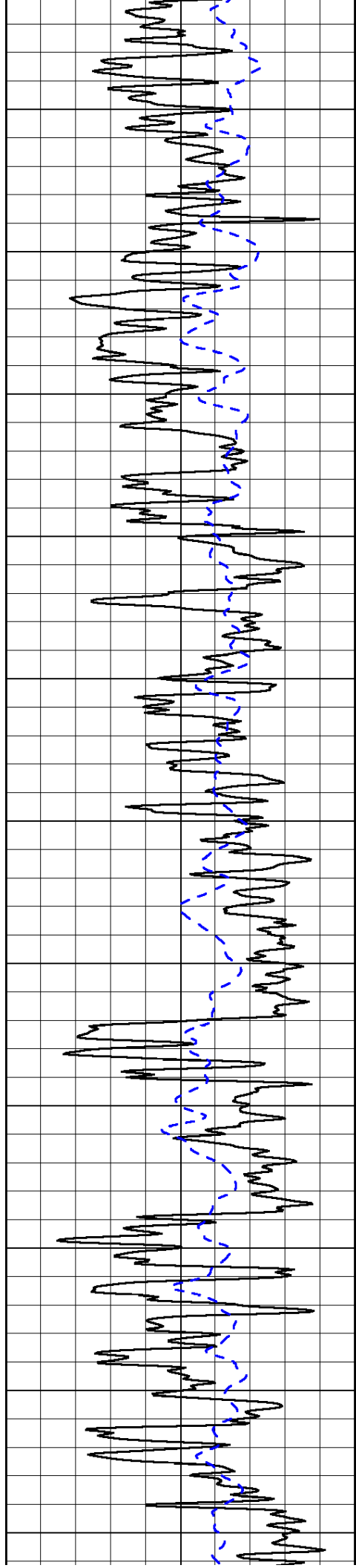
0	Gamma Ray	150
-200	SP (mV)	0

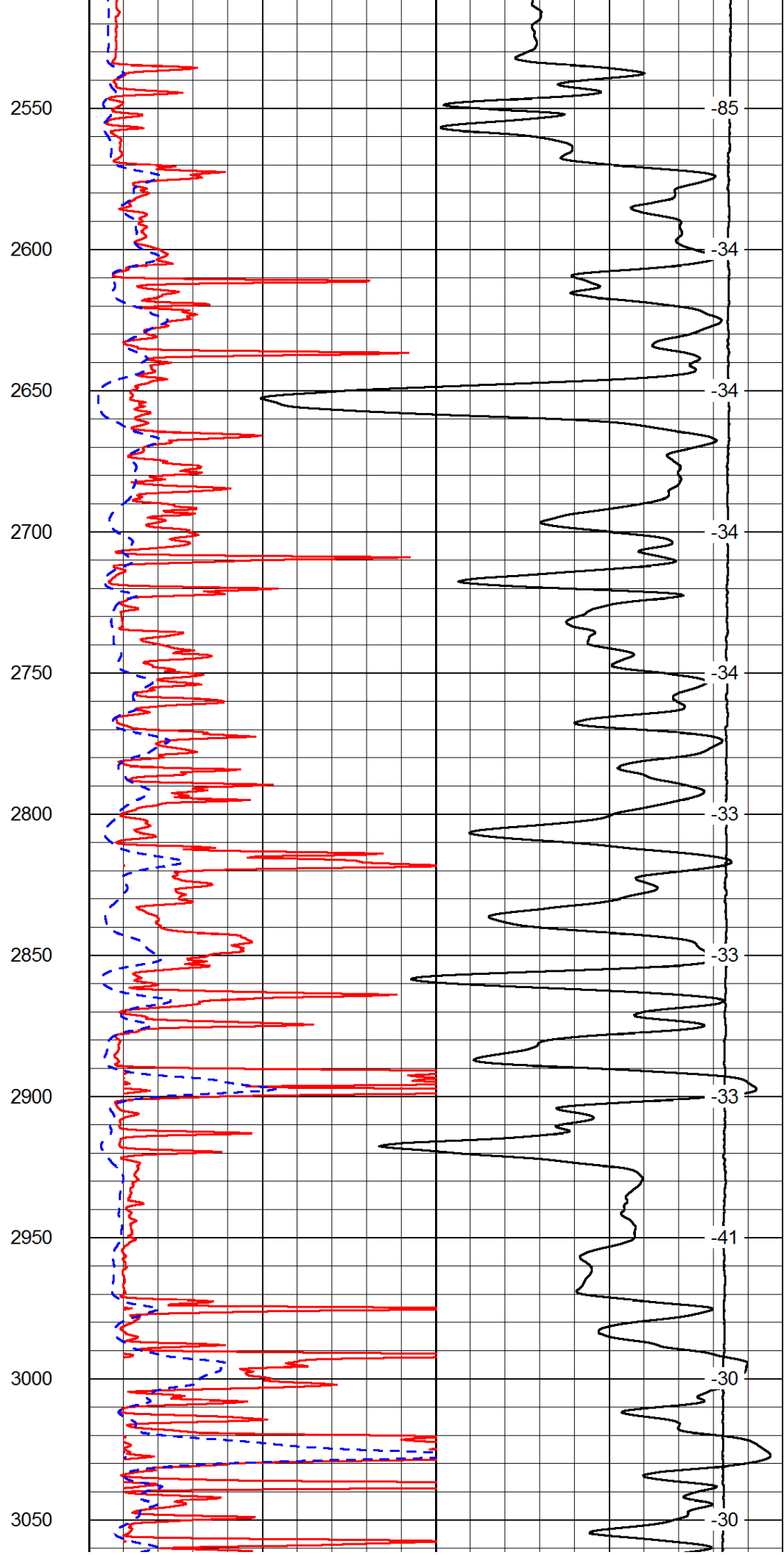
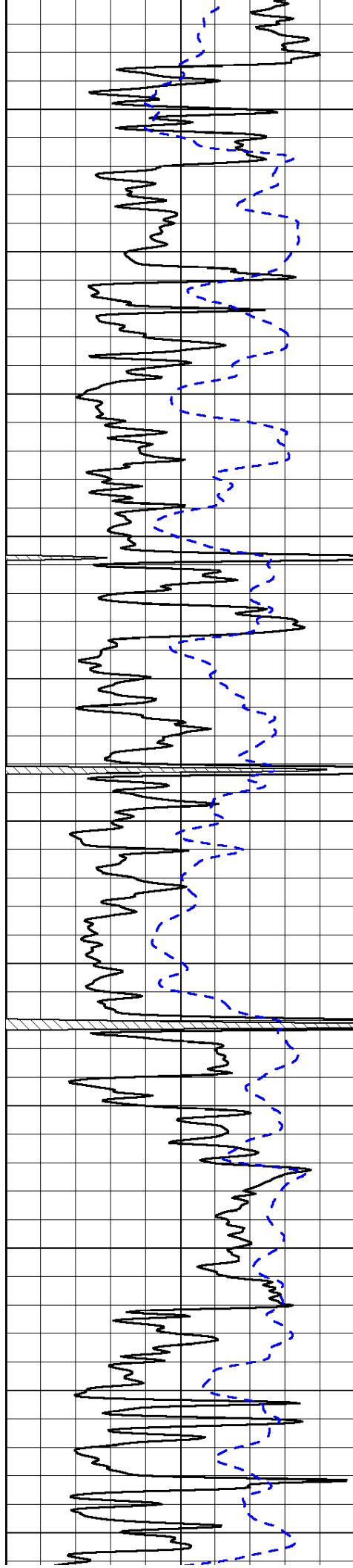
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
	50	Shallow Resistivity	500
	50	Deep Resistivity	500

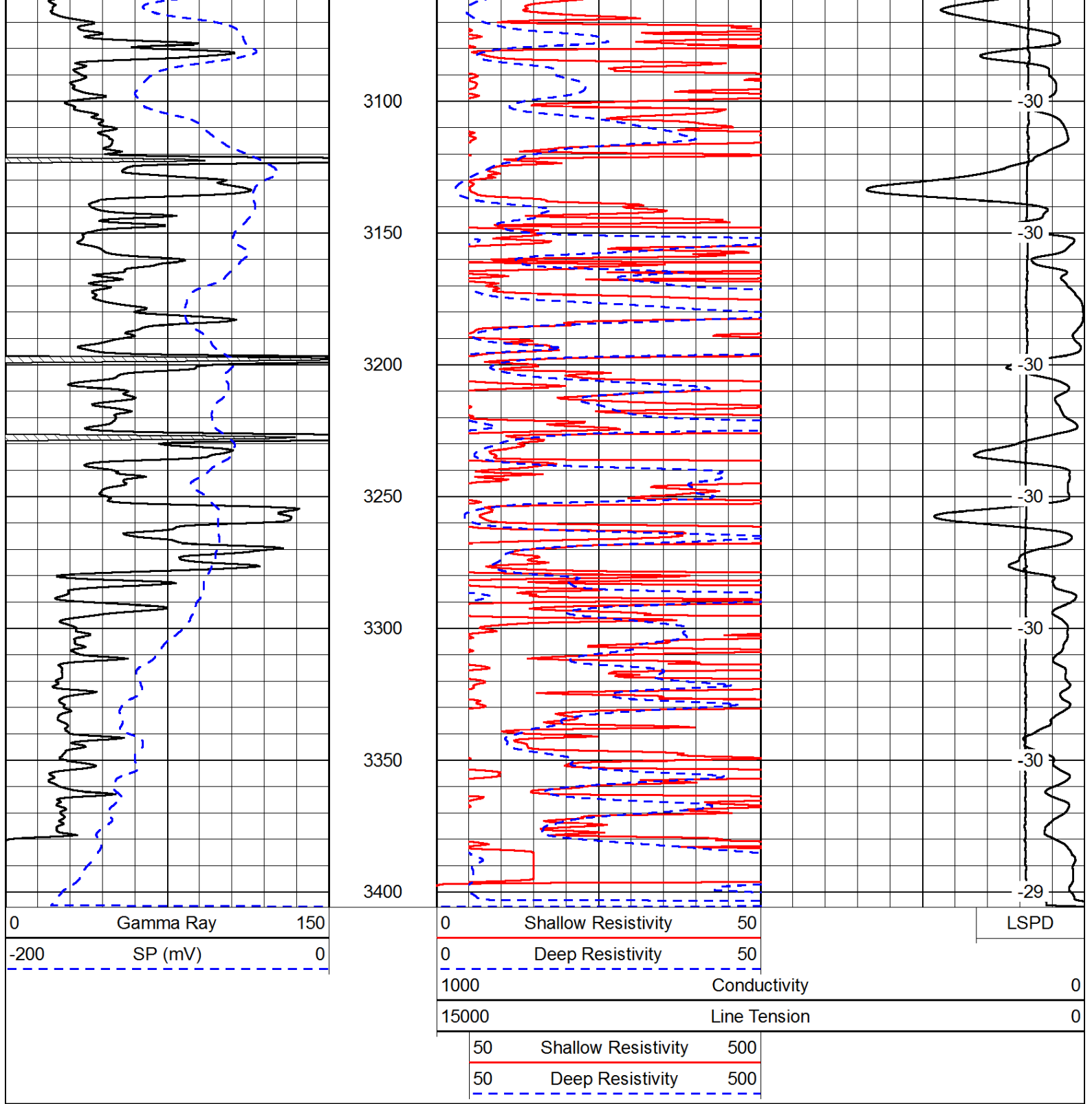




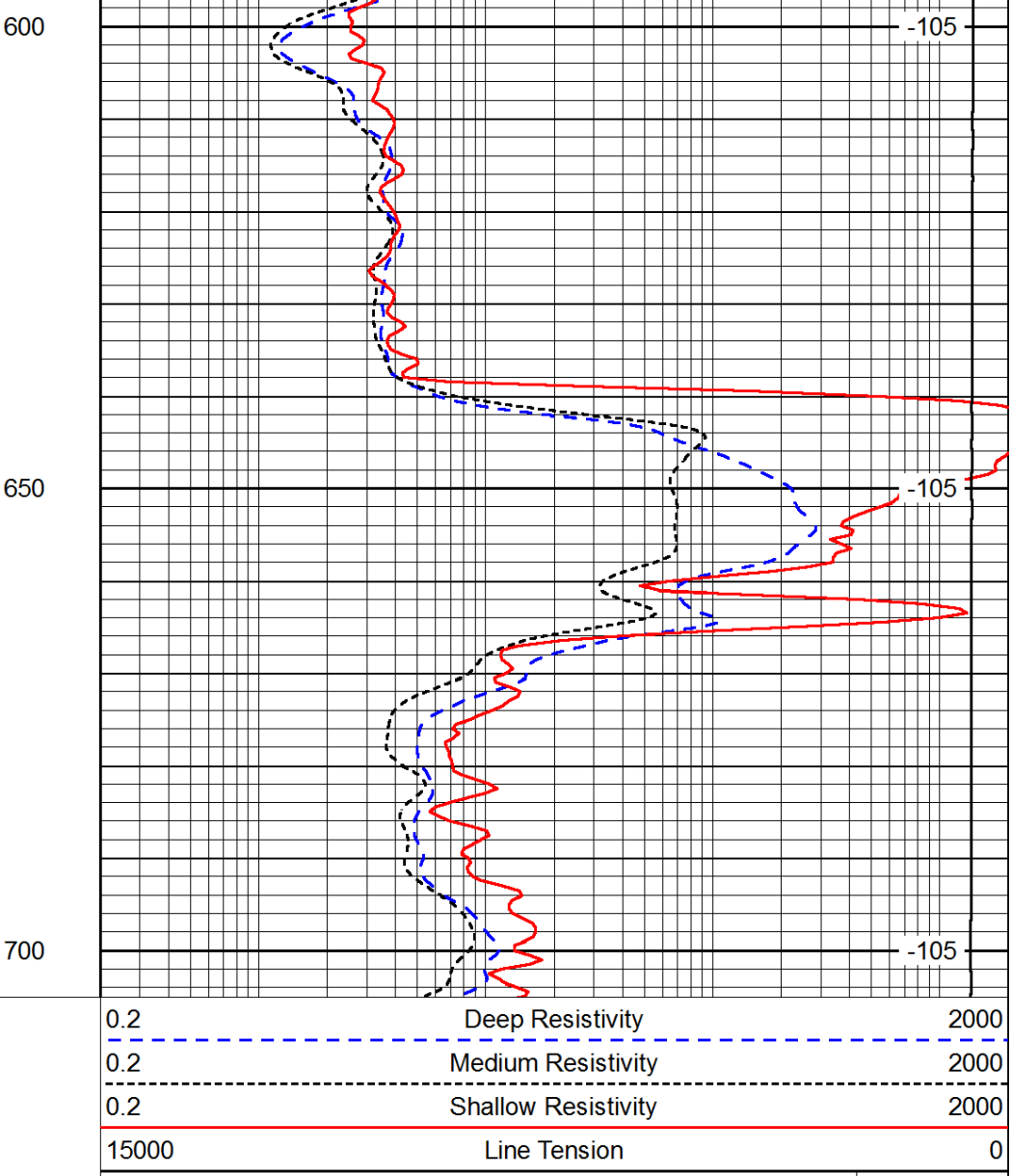
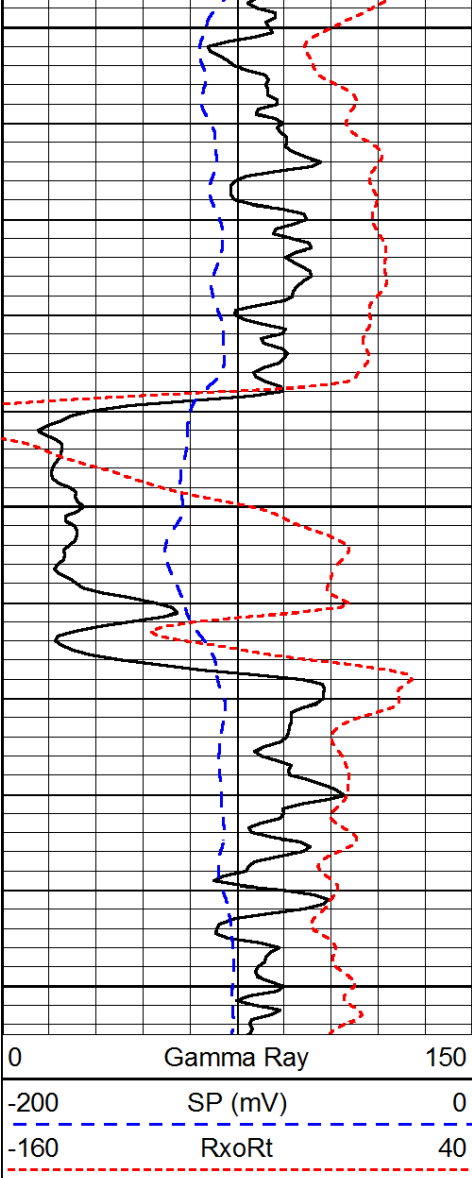






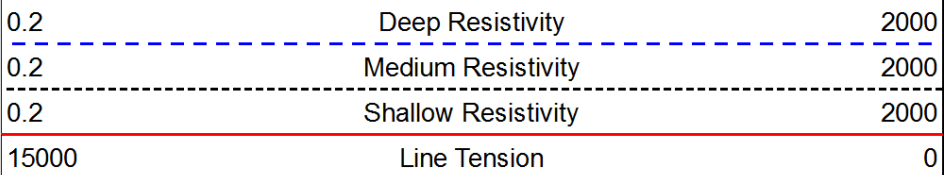
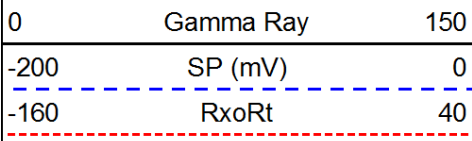


Database File:		c:\warrior\data\jason oil_harbacek #6\jasonoil_harbacek_6hd.db			
Dataset Pathname:		dil/jasstock			
Presentation Format:		dil			
Dataset Creation:		Wed Feb 19 09:01:54 2014			
Charted by:		Depth in Feet scaled 1:240			
0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	RxoRt	40	0.2	Shallow Resistivity	2000
			15000	Line Tension	0
					LSPD

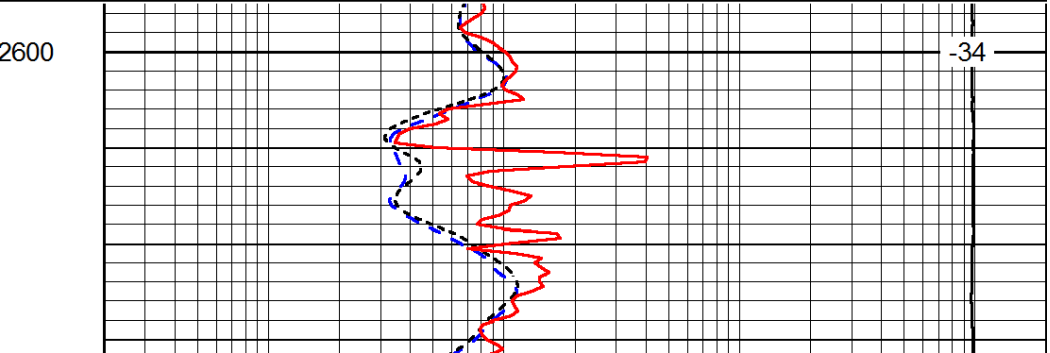
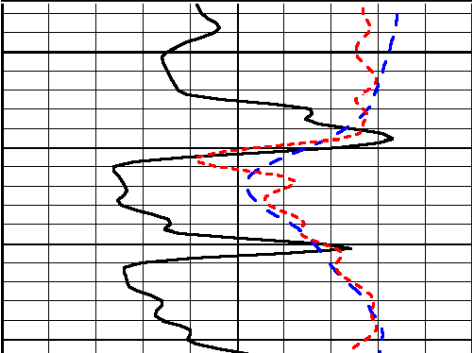


LSPD

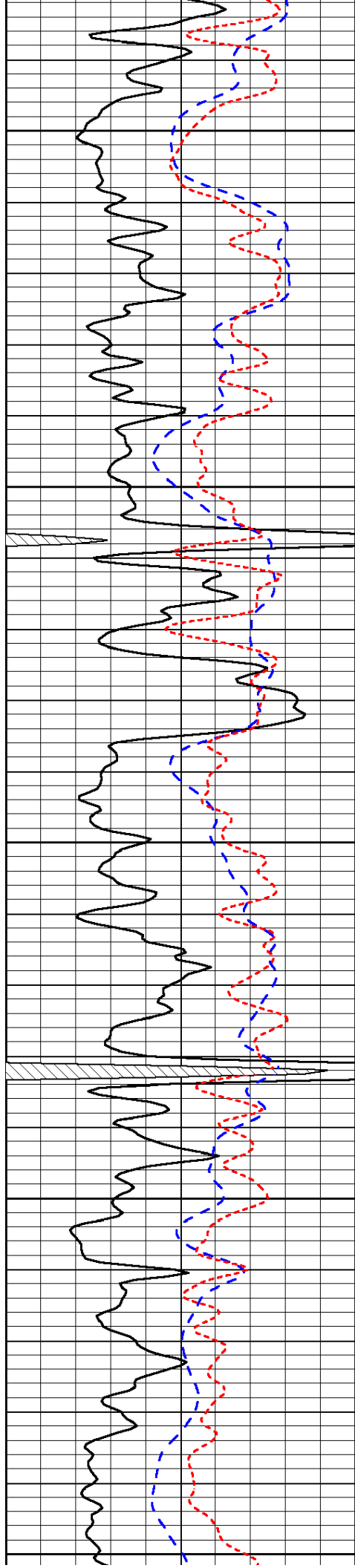
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LSPD



-34



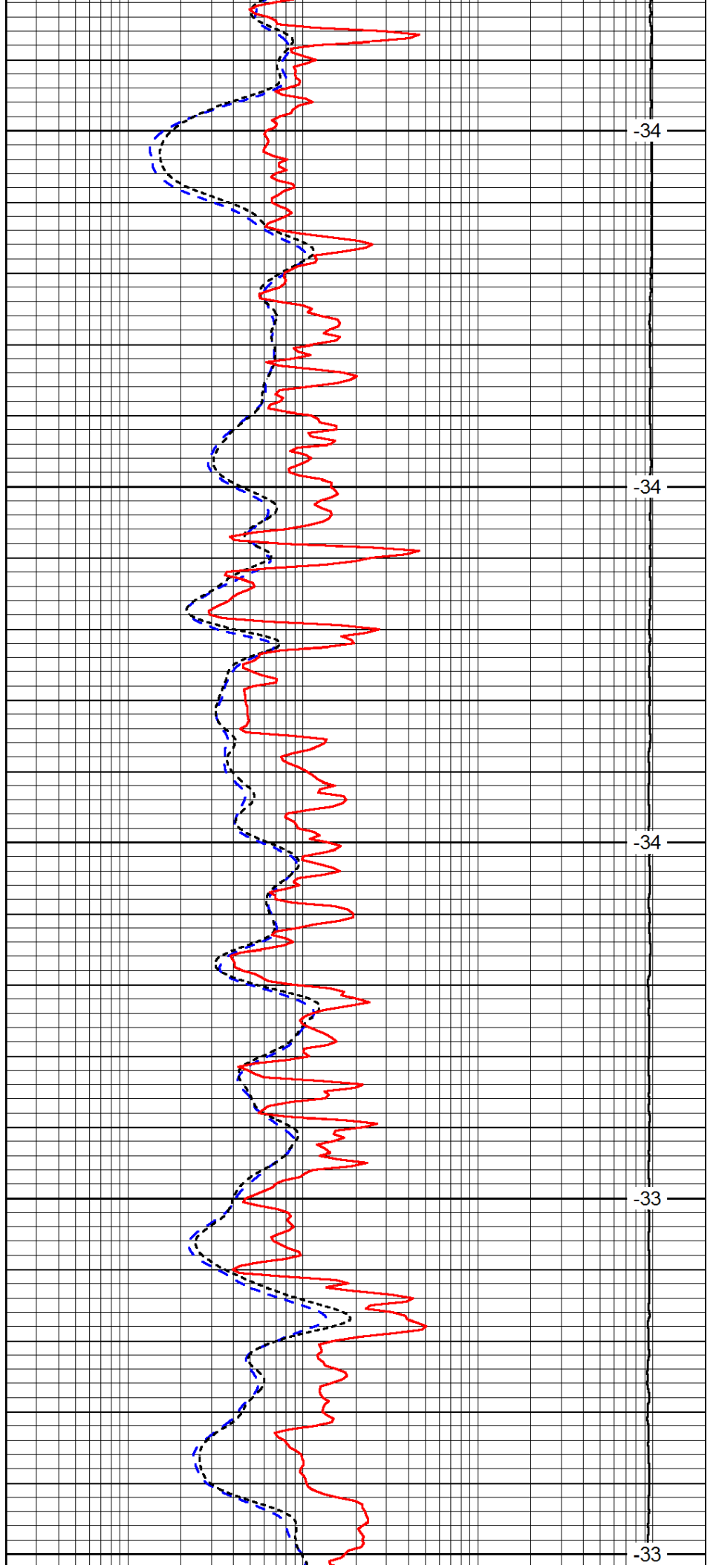
2650

2700

2750

2800

2850



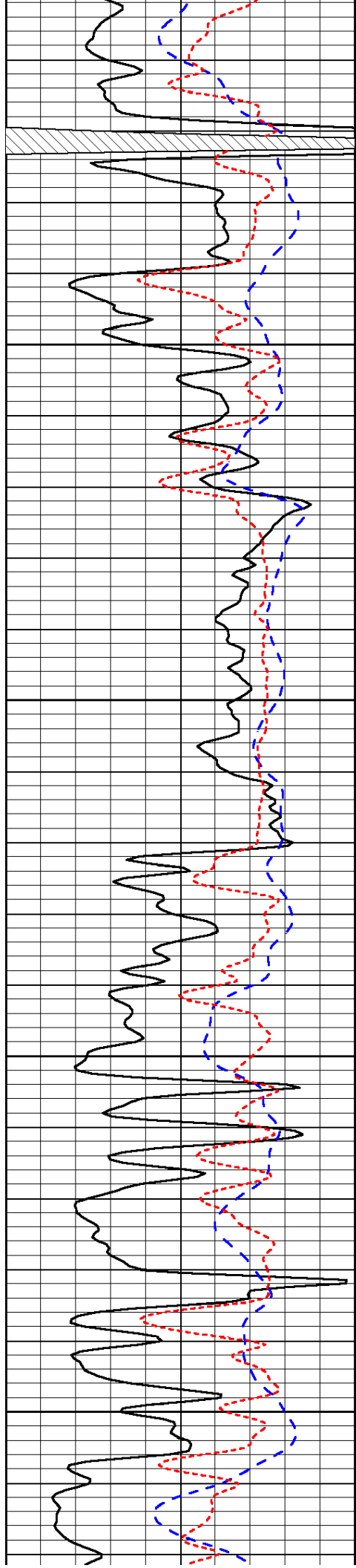
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-34

-33

-33

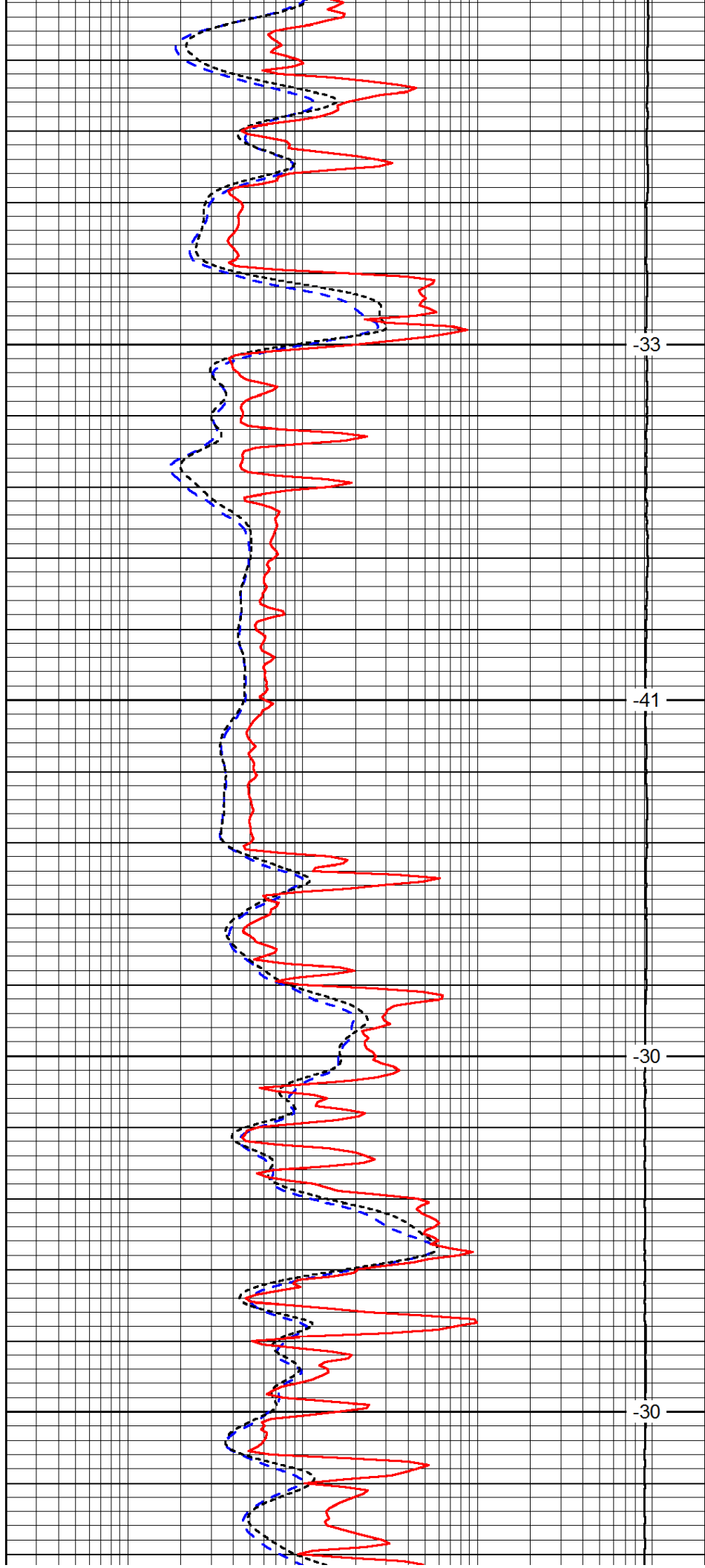


2900

2950

3000

3050

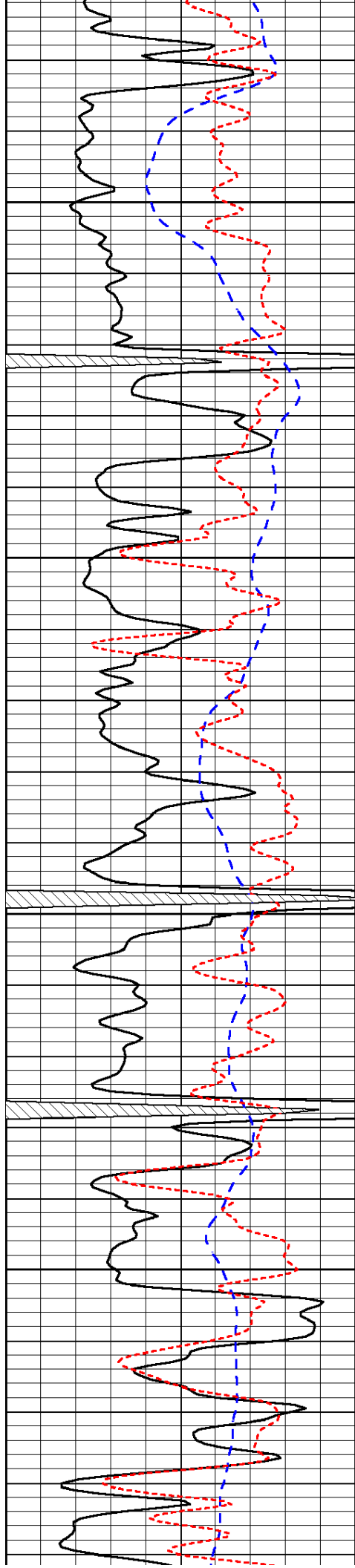


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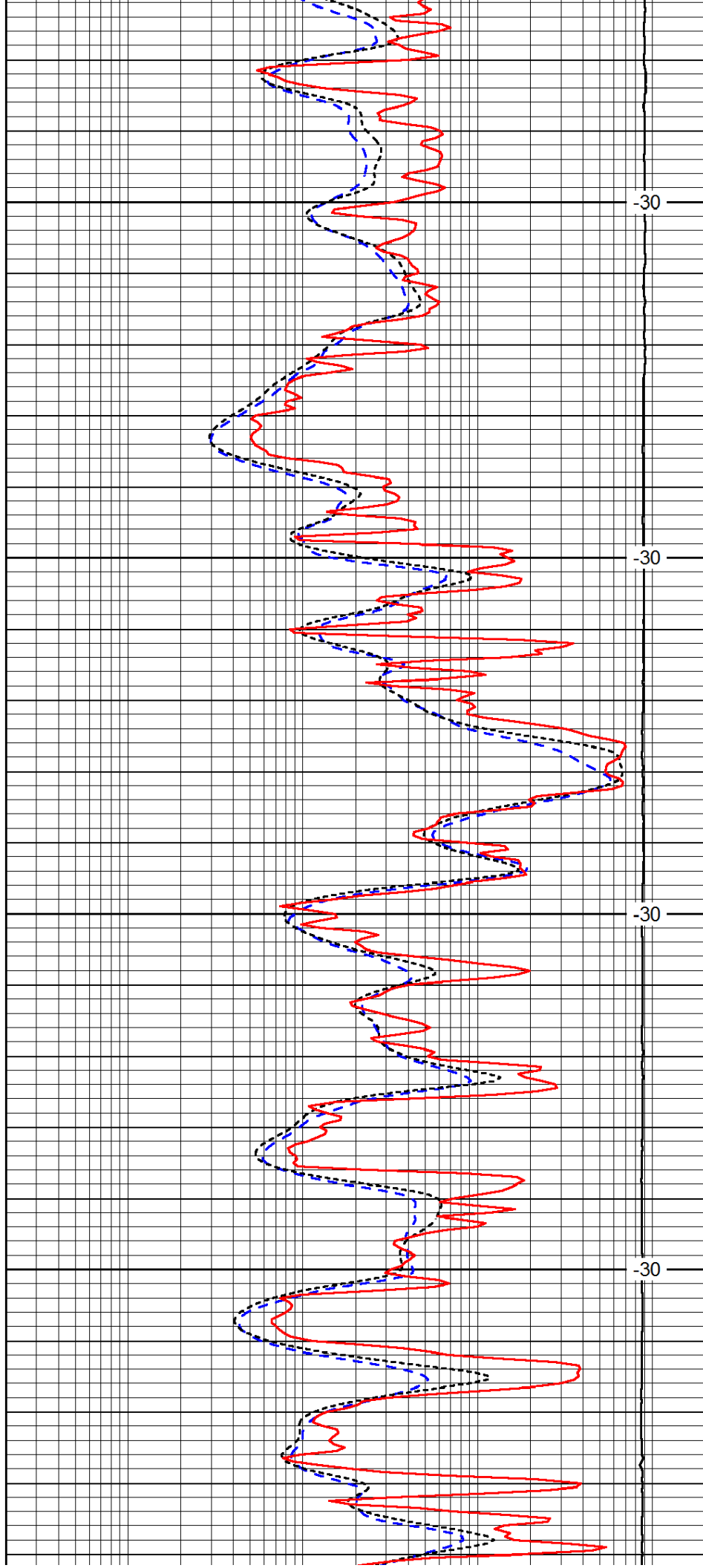


3100

3150

3200

3250

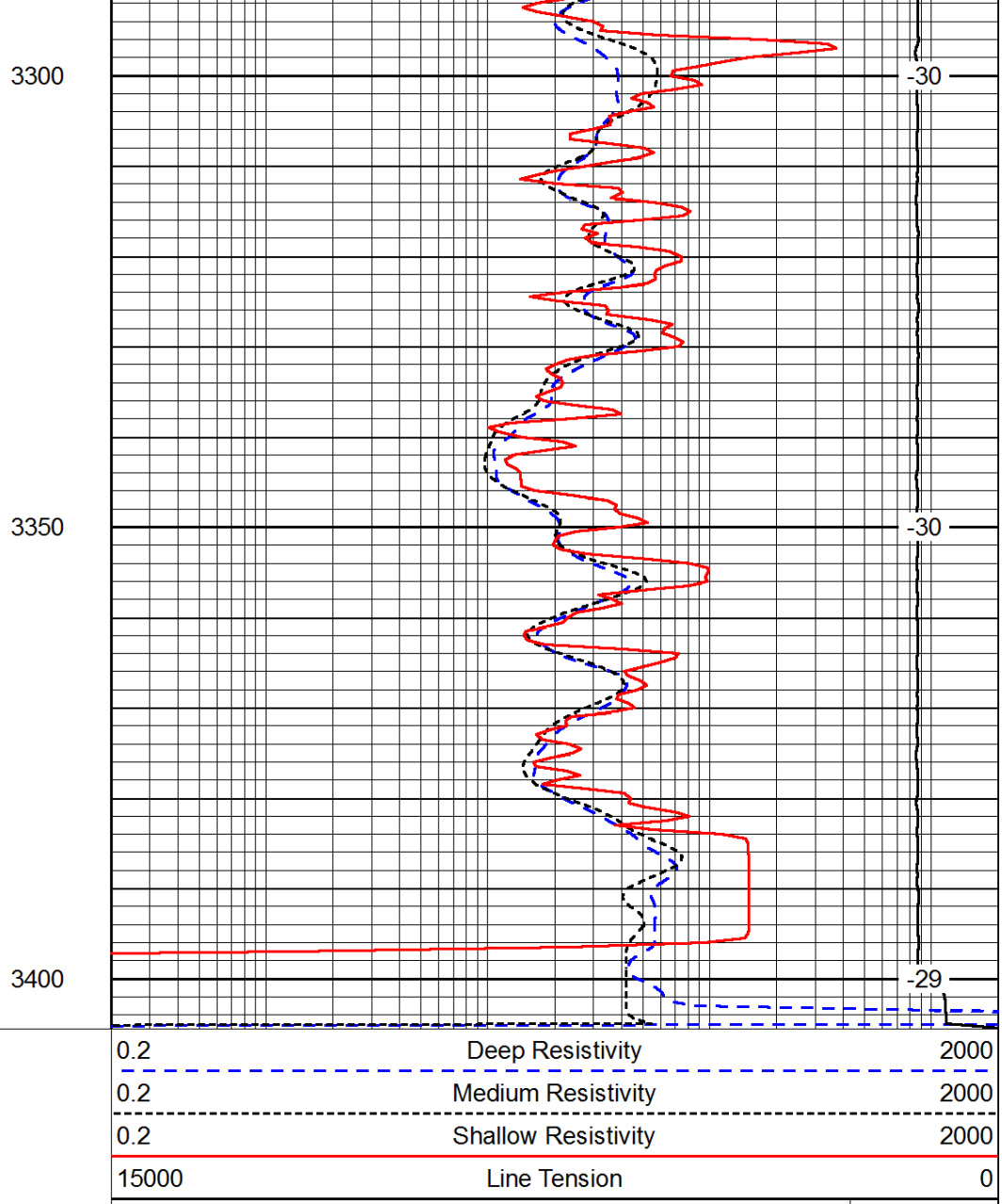
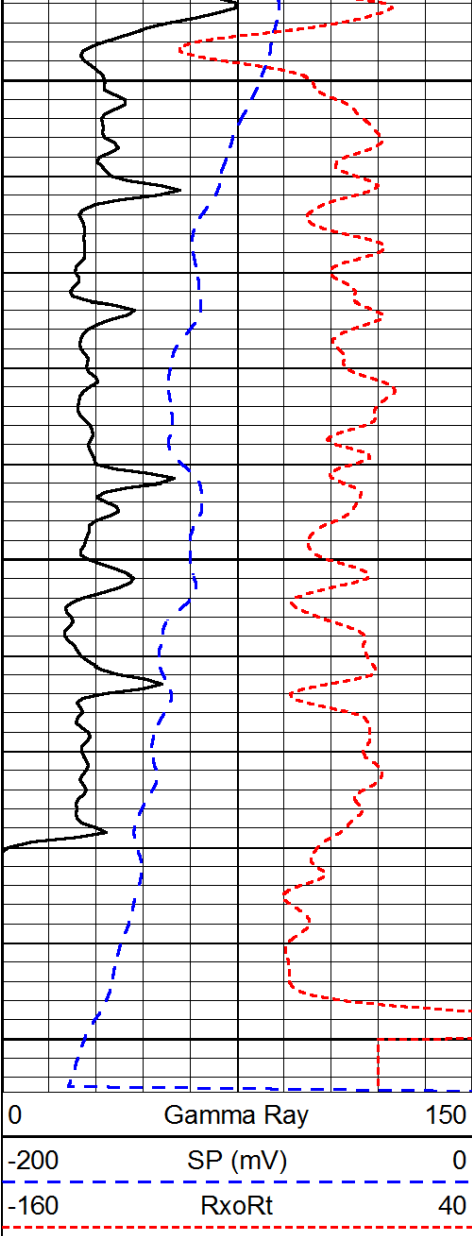


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-30

-30

-30



LSPD