



DUAL INDUCTION LOG

Company RJM COMPANY	
Well	BARTON COUNTY NO. 1
Field	WILDCAT
County	BARTON
State	KANSAS
Location: API #: 15-009-26, 129-00-00	
N2 NW SW NE 1,500' FNL & 2,310' FEL SEC 12 TWP 19S RGE 13W	
Permanent Datum	GROUND LEVEL Elevation 1872'
Log Measured From	KELLY BUSHING
Drilling Measured From	KELLY BUSHING
Other Services CNL/CDL MEL/BHCS	
Elevation K.B. 1878' D.F. N/A G.L. 1872'	
Date	11/10/2015
Run Number	ONE
Depth Driller	3530'
Depth Logger	3528'
Bottom Logged Interval	3527'
Top Log Interval	300'
Casing Driller	8.625" @ 305'
Casing Logger	302'
Bit Size	7.875"
Type Fluid in Hole	CHEMICAL
Salinity, ppm CL	7600
Density / Viscosity	9.4 48
pH / Fluid Loss	8.5 10.4
Source of Sample	Flowline
Rm @ Meas. Temp	.30 @ 66
Rmt @ Meas. Temp	.23 @ 66
Rmc @ Meas. Temp	.41 @ 66
Source of Rmt / Rmc	Charts
Rm @ BHT	.18 @ 111
Operating Rig Time	4 HOURS
Max Rec. Temp. F	111
Equipment Number	108
Location	Hays
Recorded By	J. LONG
Witnessed By	WYATT URBAN

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

HOISINGTON, 8 SOUTH TO NE 30TH ROAD, EAST TO NE 40TH AVENUE, 1 NORTH
1/2 WEST, SOUTH INTO

Log Measured From: KELLY BUSHING 6 Ft. Above Permanent Datum

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www.pioneerenergy.com 785-625-3858

Your Pioneer Energy Services Crew

Engineer: J. LONG
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

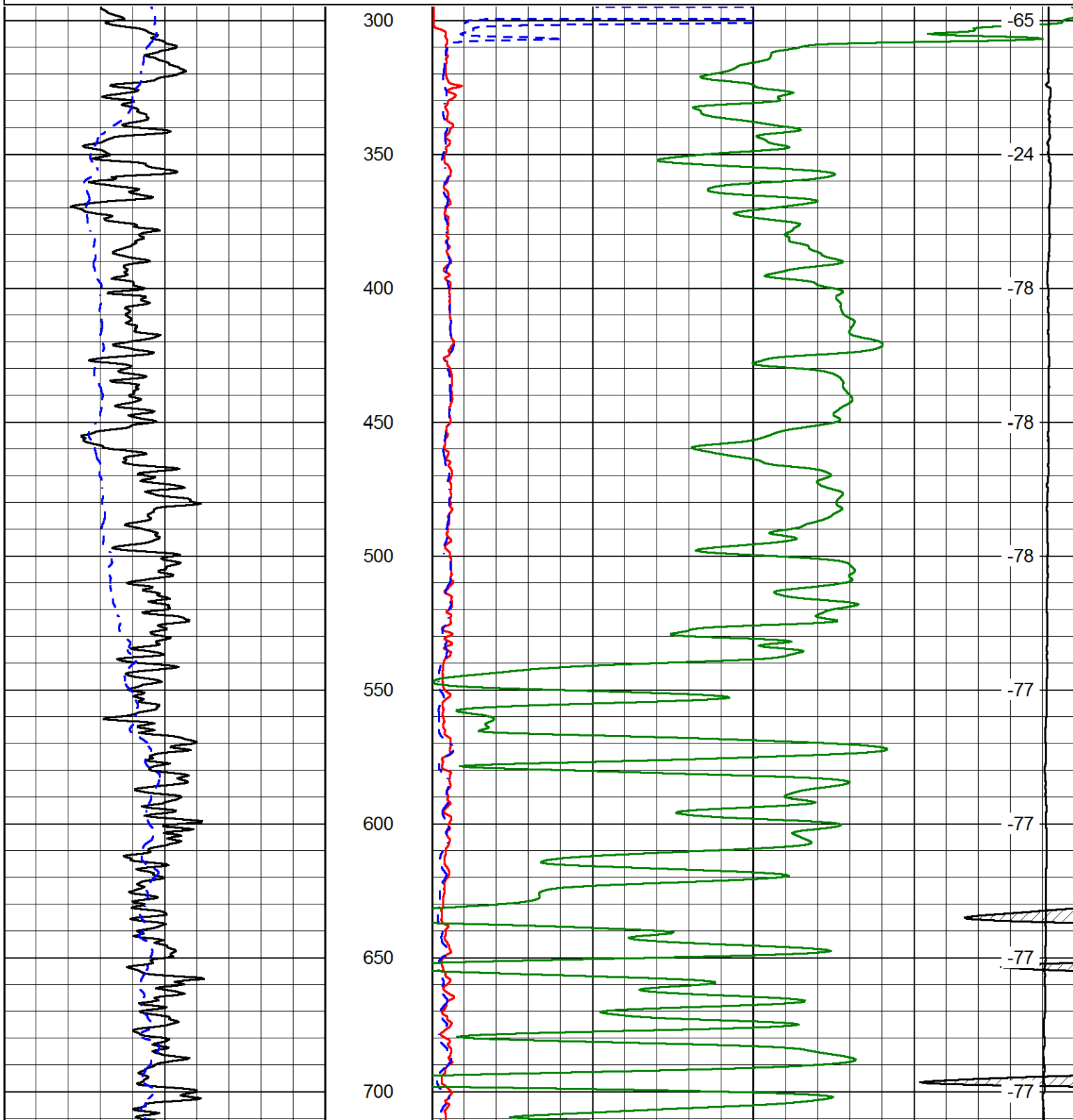
Primary Witness: WYATT URBAN
Secondary Witness:
Secondary Witness:
Secondary Witness:

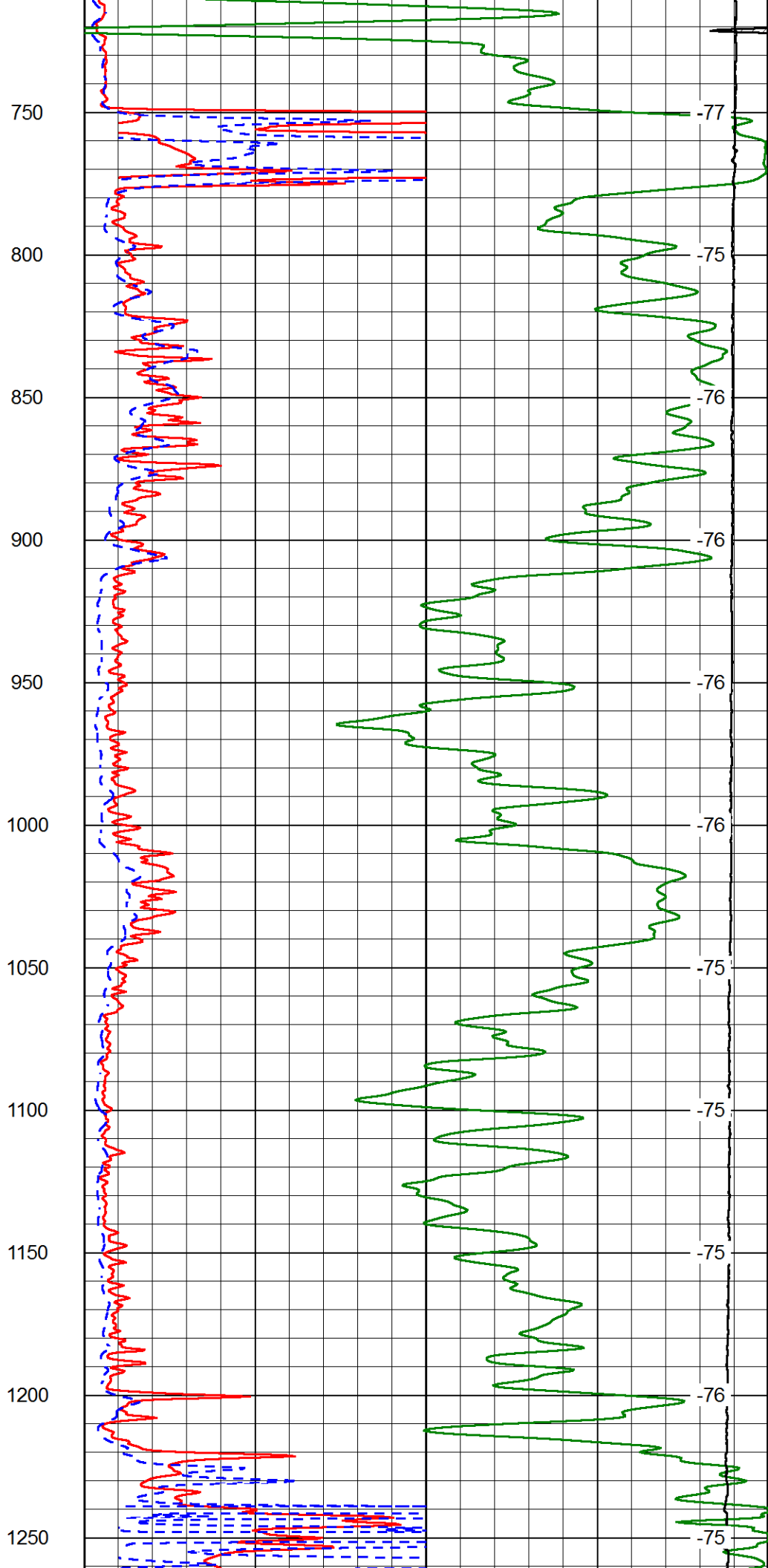
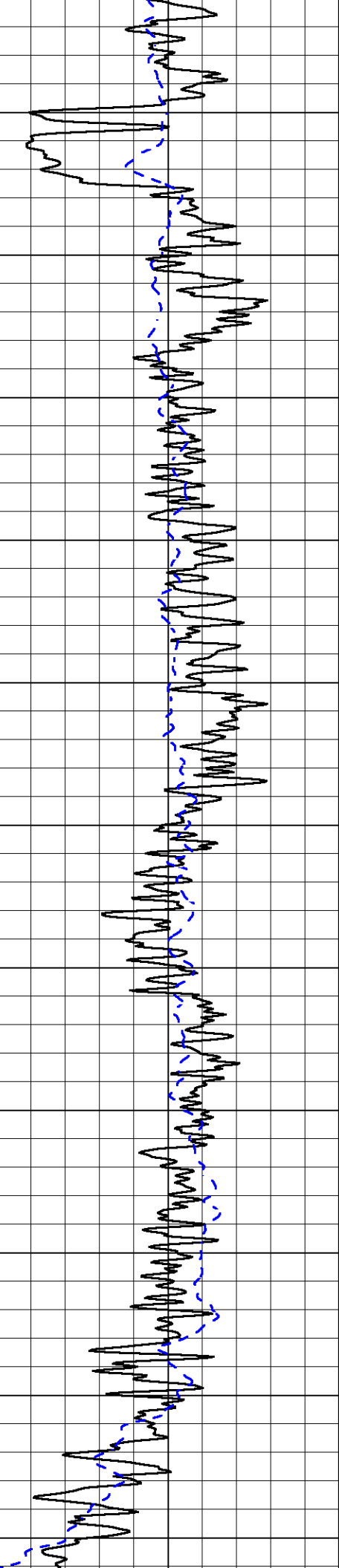
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Dataset Pathname DIL/rjmstck
Presentation Format dil2in
Dataset Creation Tue Nov 10 07:54:34 2015
Charted by Depth in Feet scaled 1:600

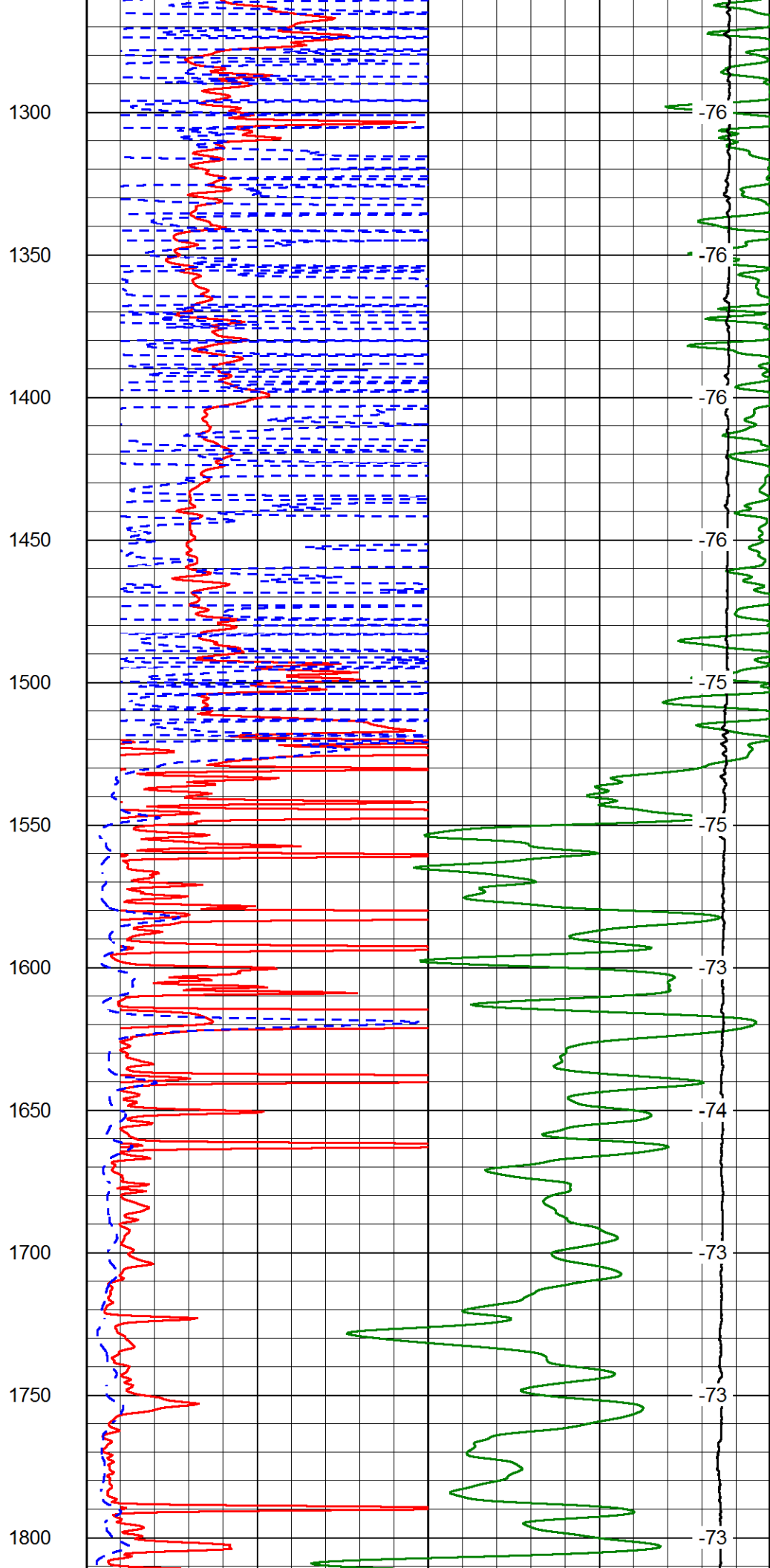
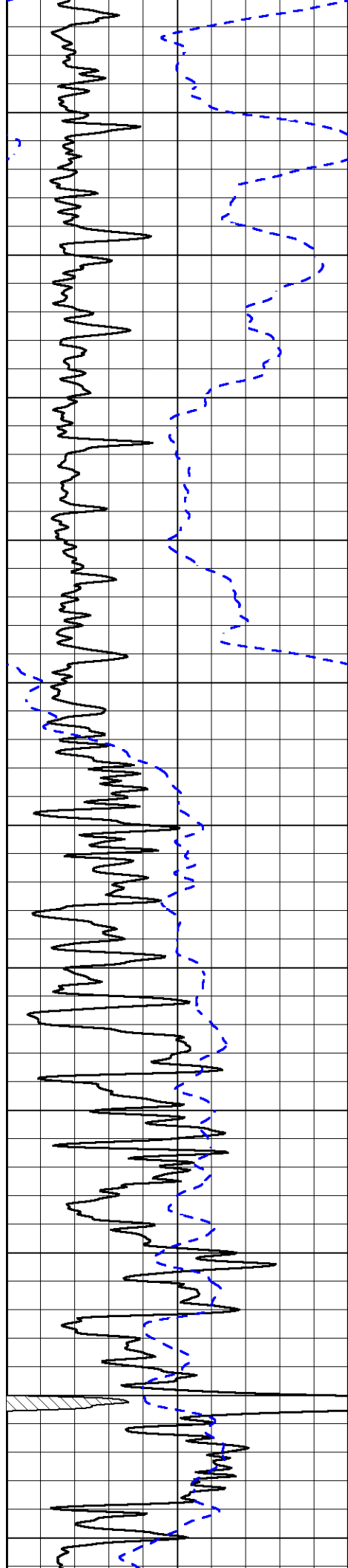
0 Gamma Ray (GAPI) 150
-200 SP (mV) 0

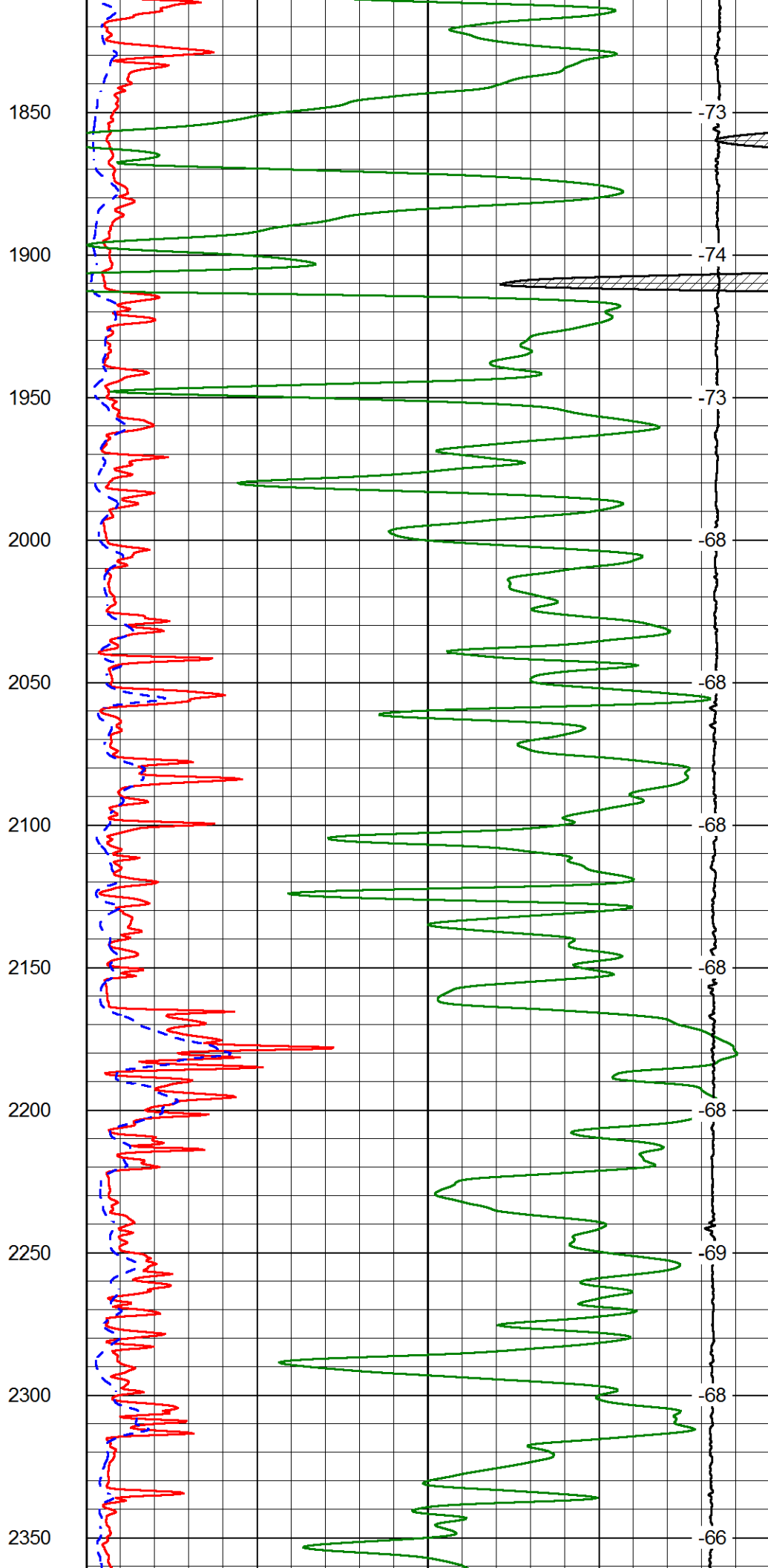
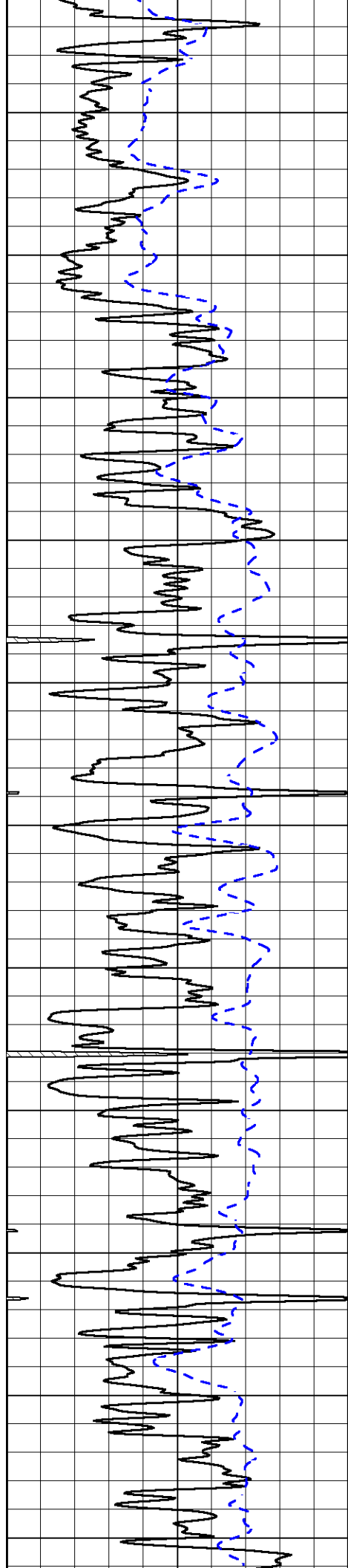
1000 Conductivity 0
15000 Line Tension (lb) 0

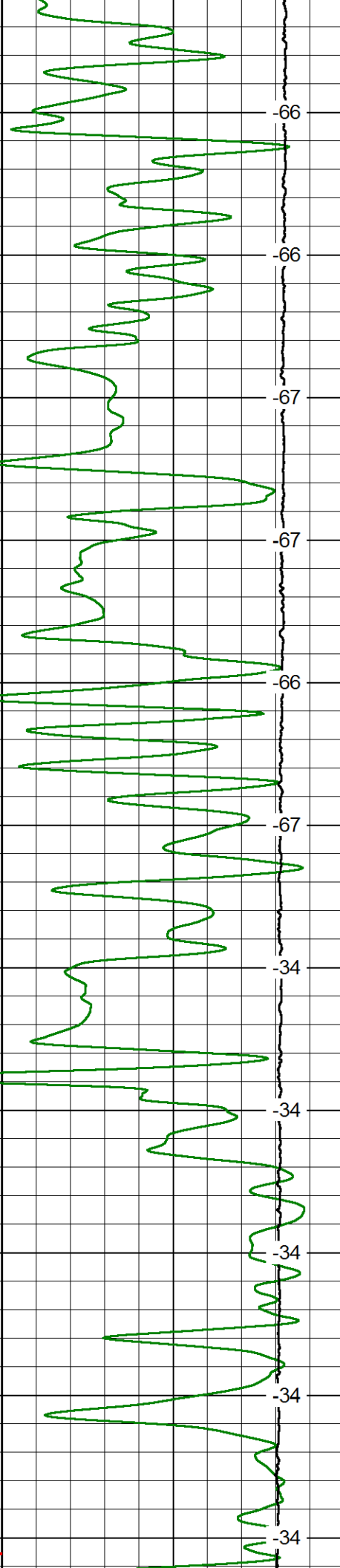
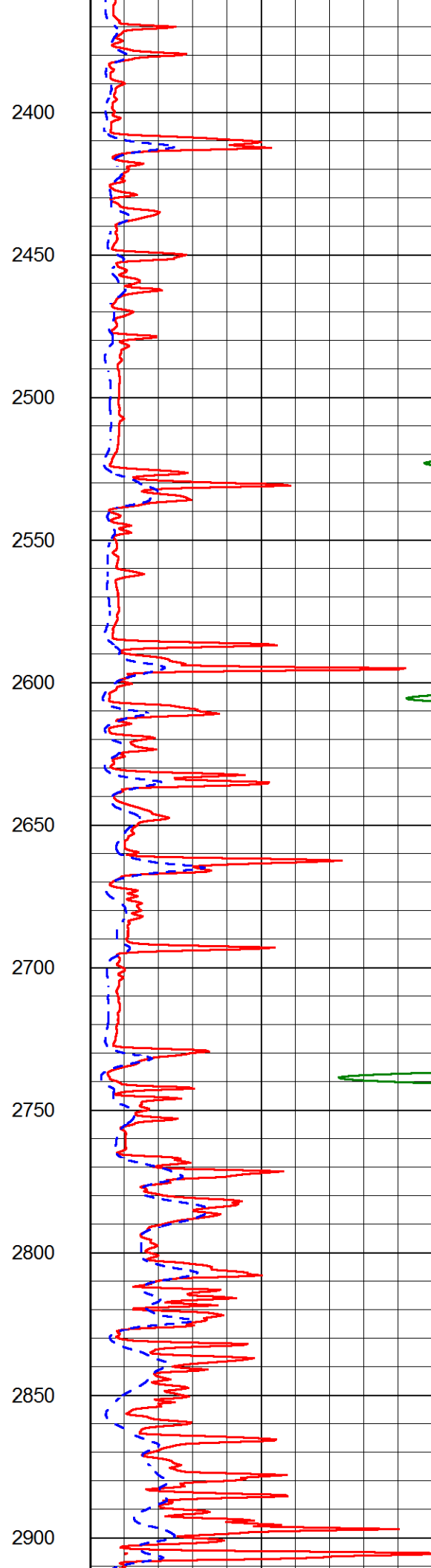
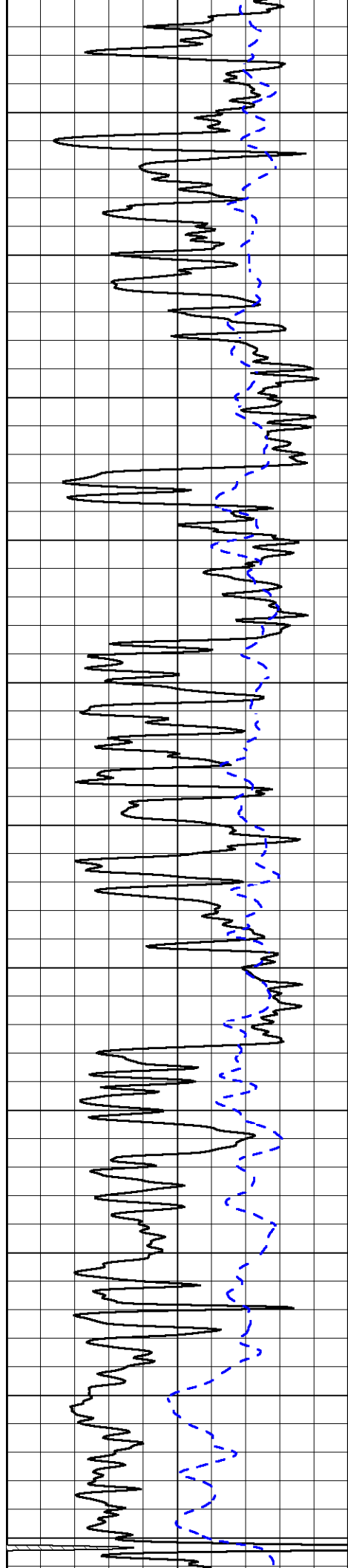
0	Shallow Resistivity (Ohm-m)	50	LSPD (ft/min)
0	Deep Resistivity (Ohm-m)	50	
Shallow Resistivity			
50	(Ohm-m)	500	
50	Deep Resistivity (Ohm-m)	500	

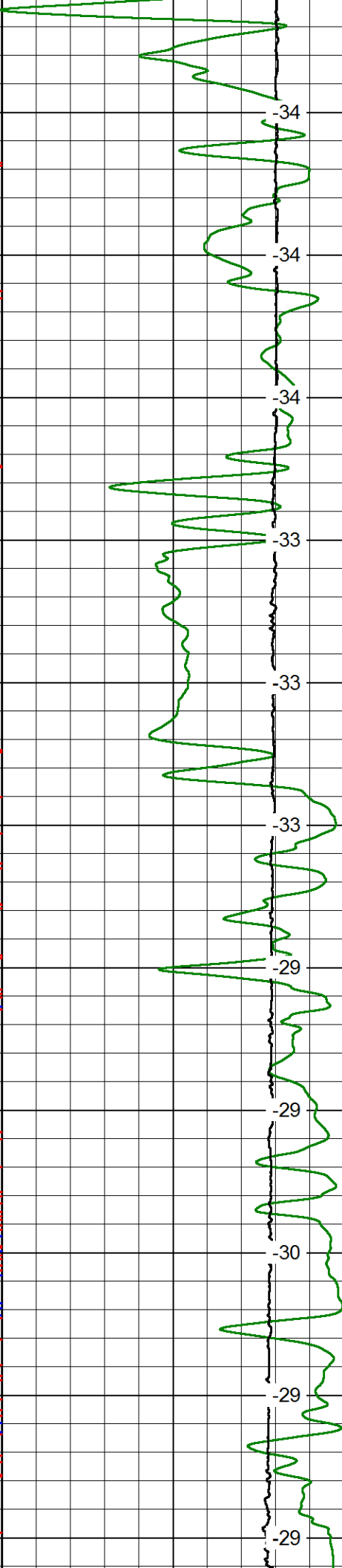
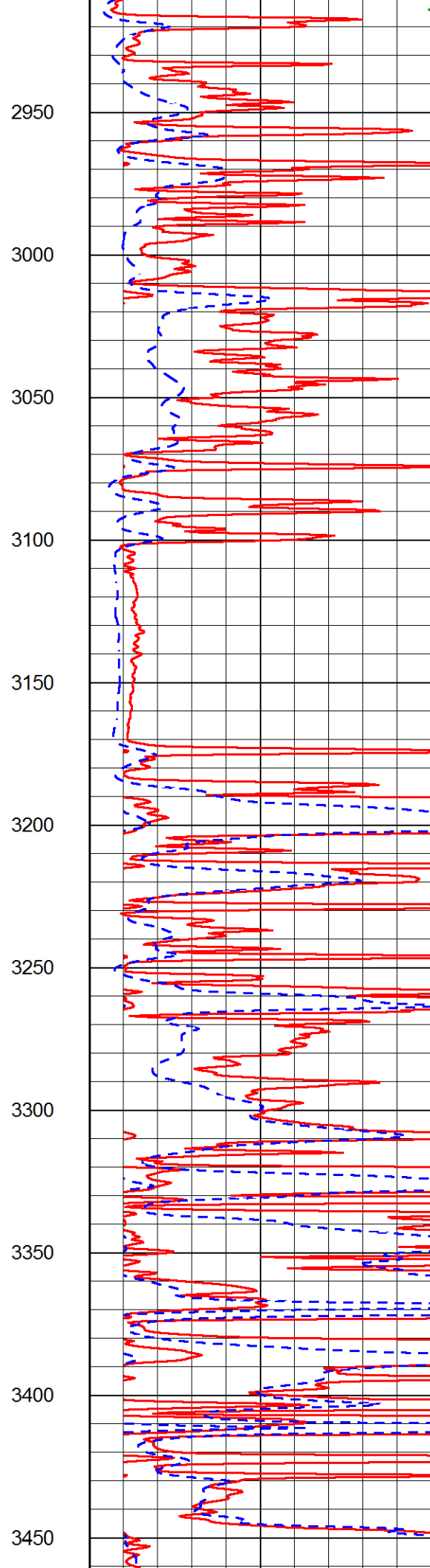
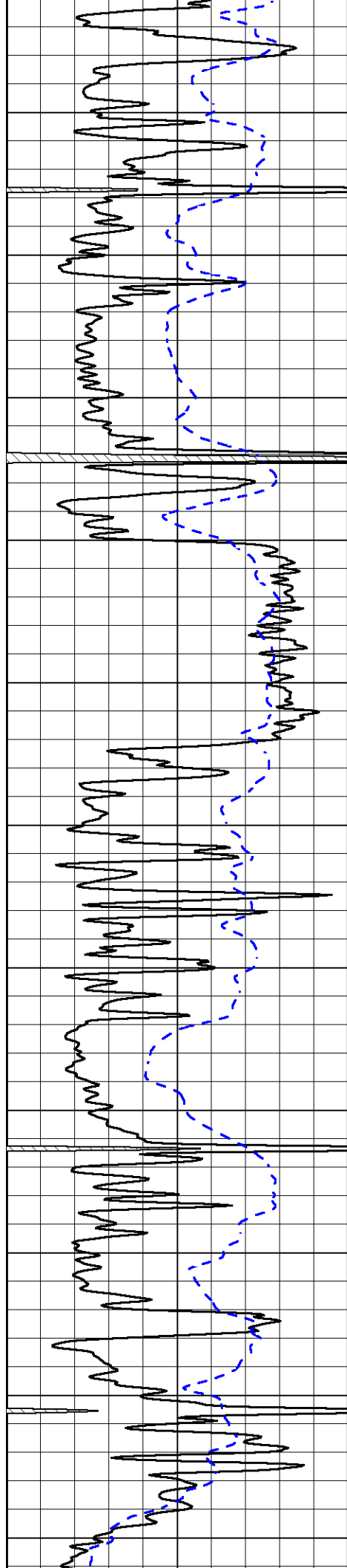


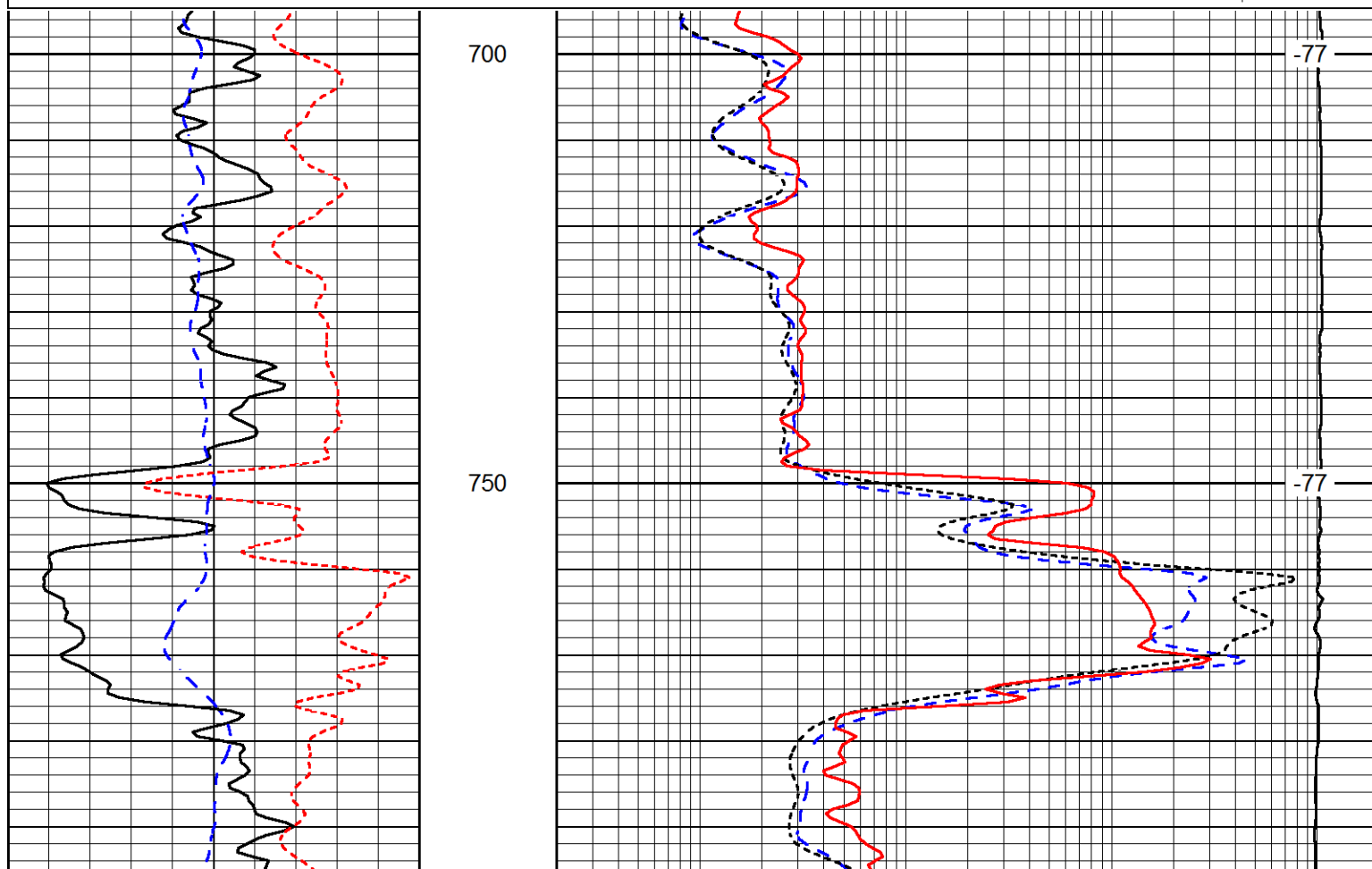
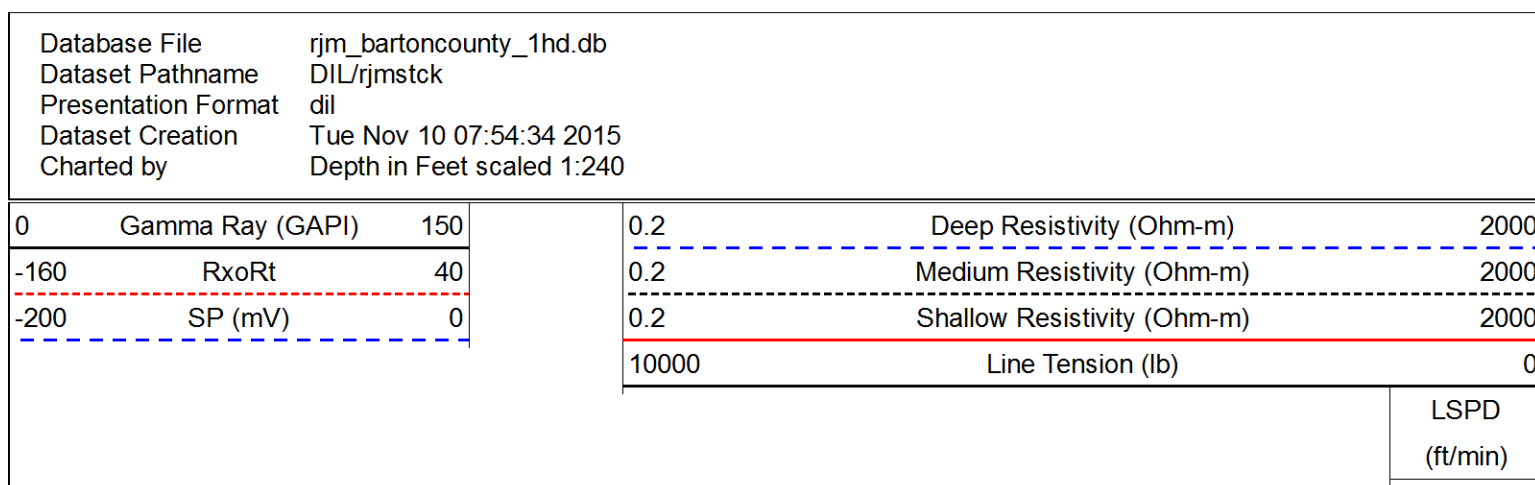
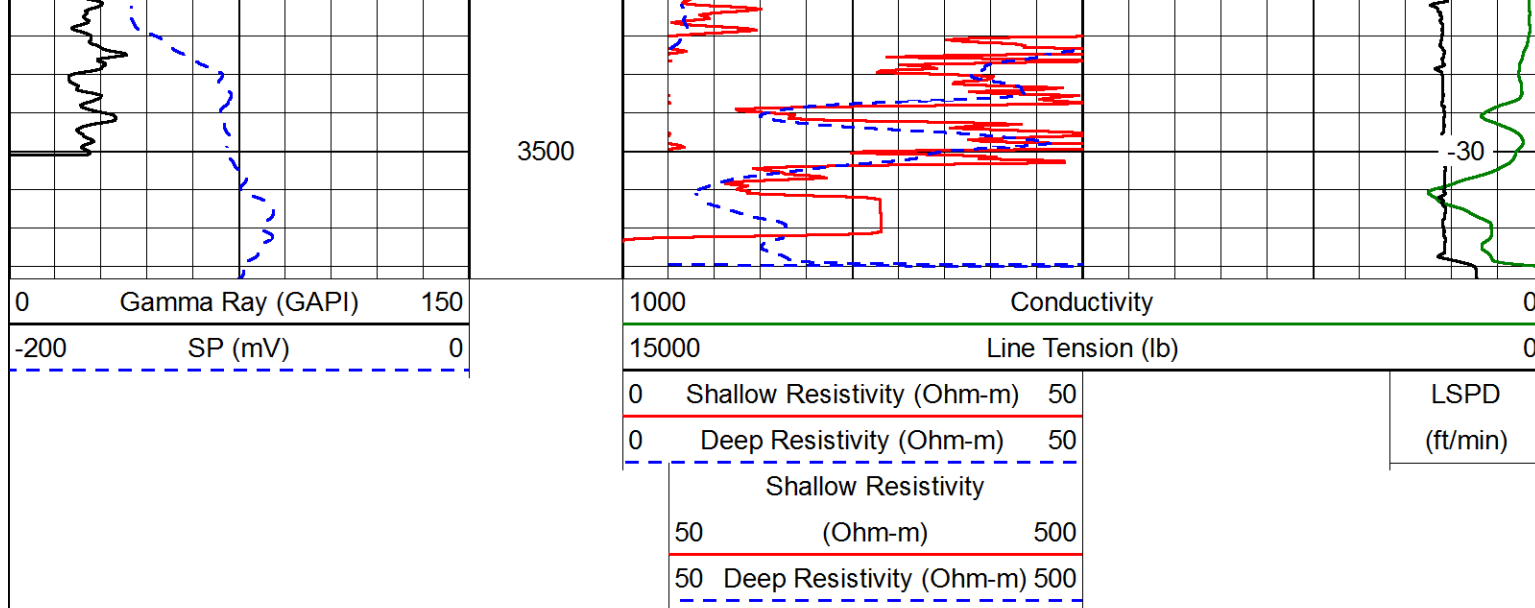


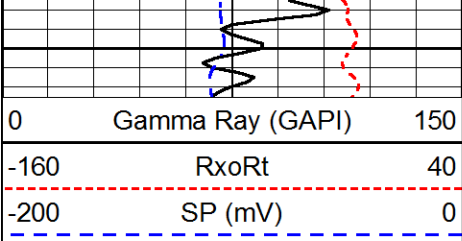




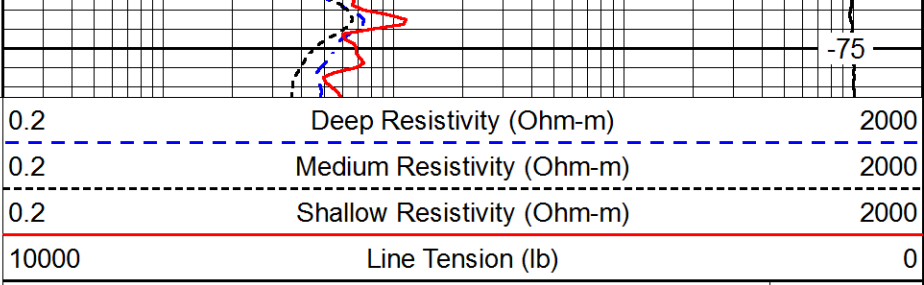








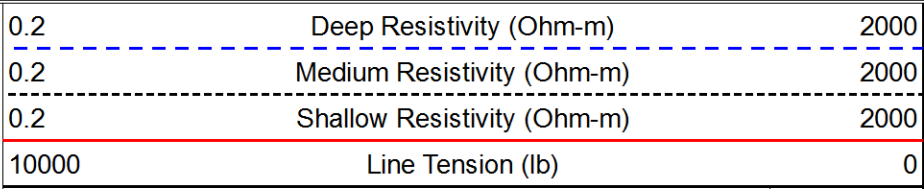
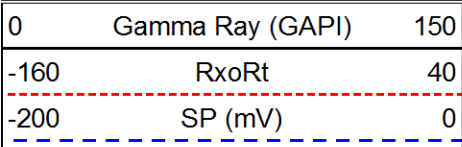
800



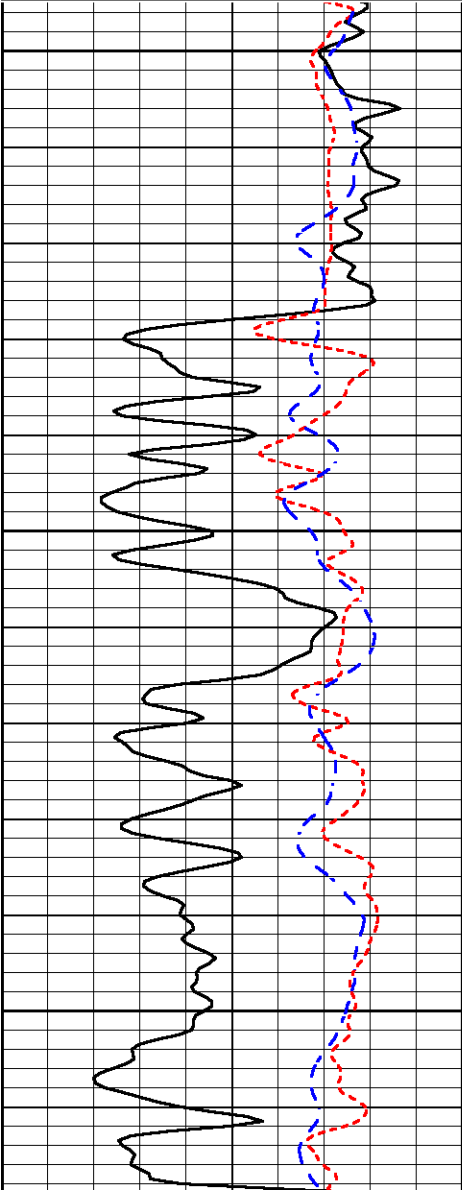
-75

LSPD
(ft/min)

Database File	rjm_bartoncounty_1hd.db
Dataset Pathname	DIL/rjmstck
Presentation Format	dil
Dataset Creation	Tue Nov 10 07:54:34 2015
Charted by	Depth in Feet scaled 1:240



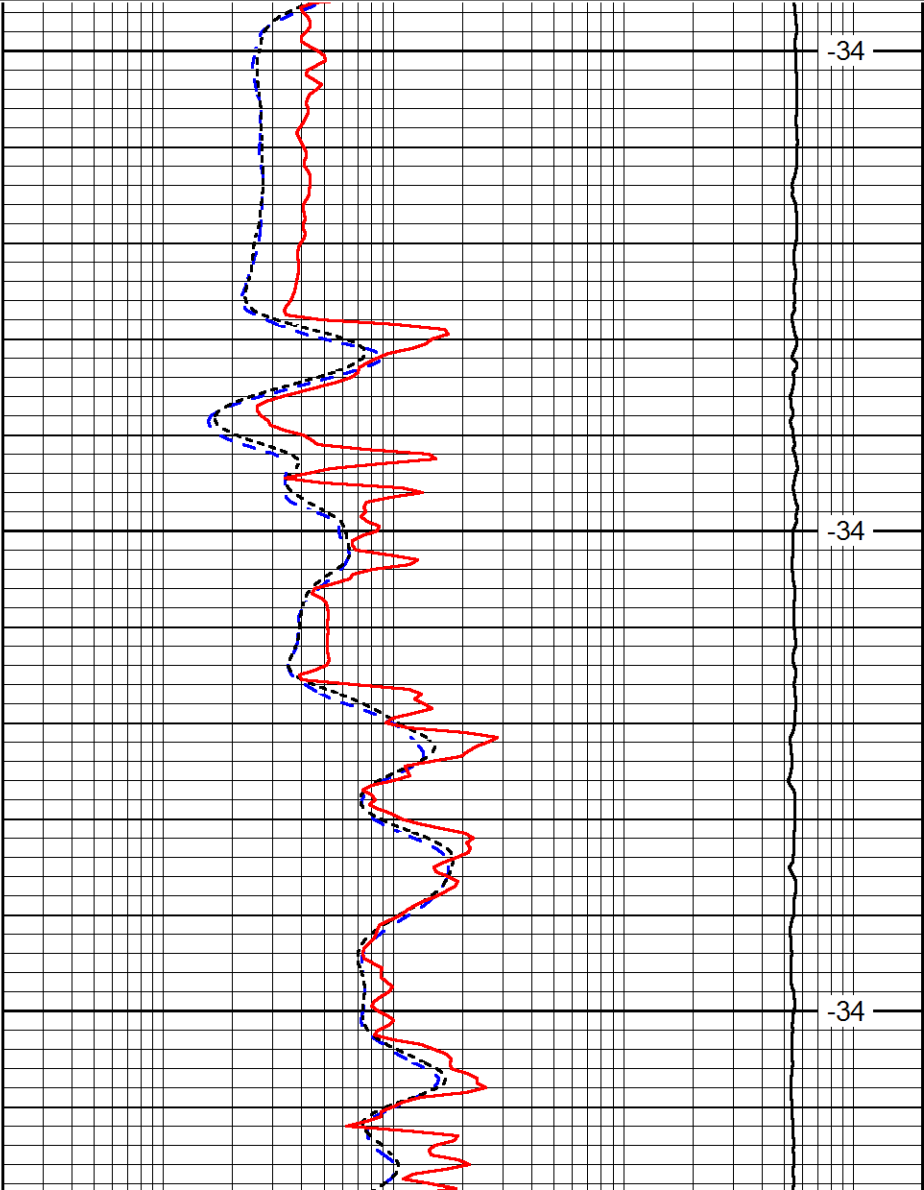
LSPD
(ft/min)



2700

2750

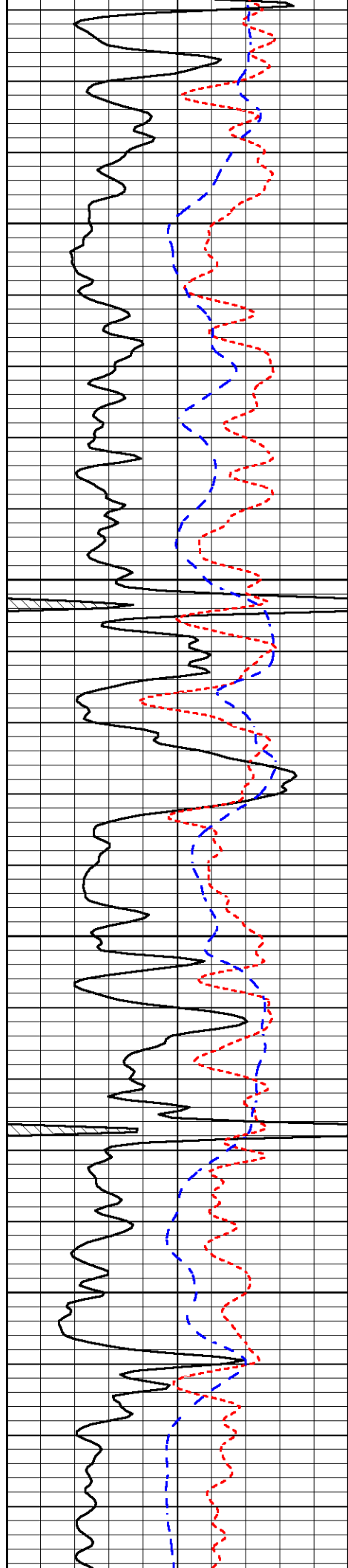
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-34

-34

-34

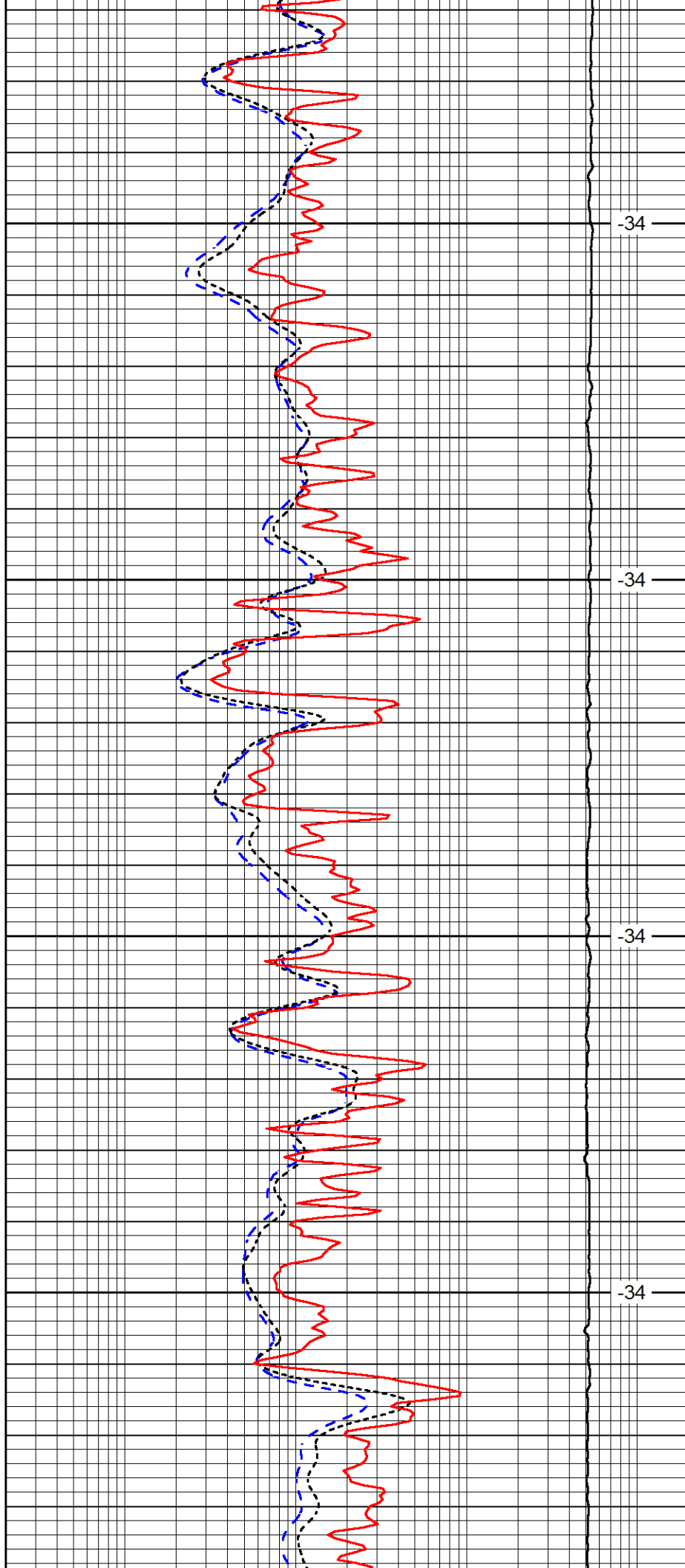


2850

2900

2950

3000

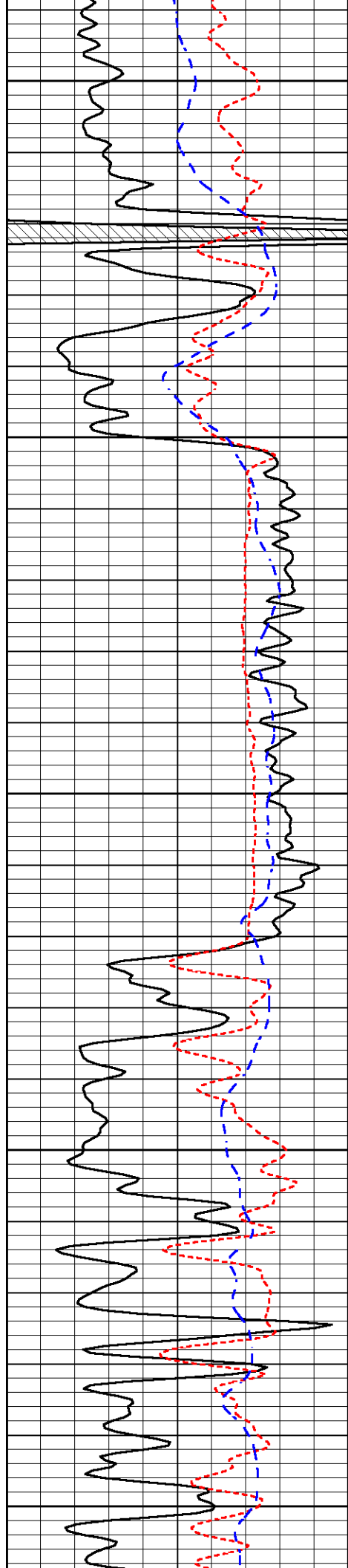


-34

-34

-34

-34



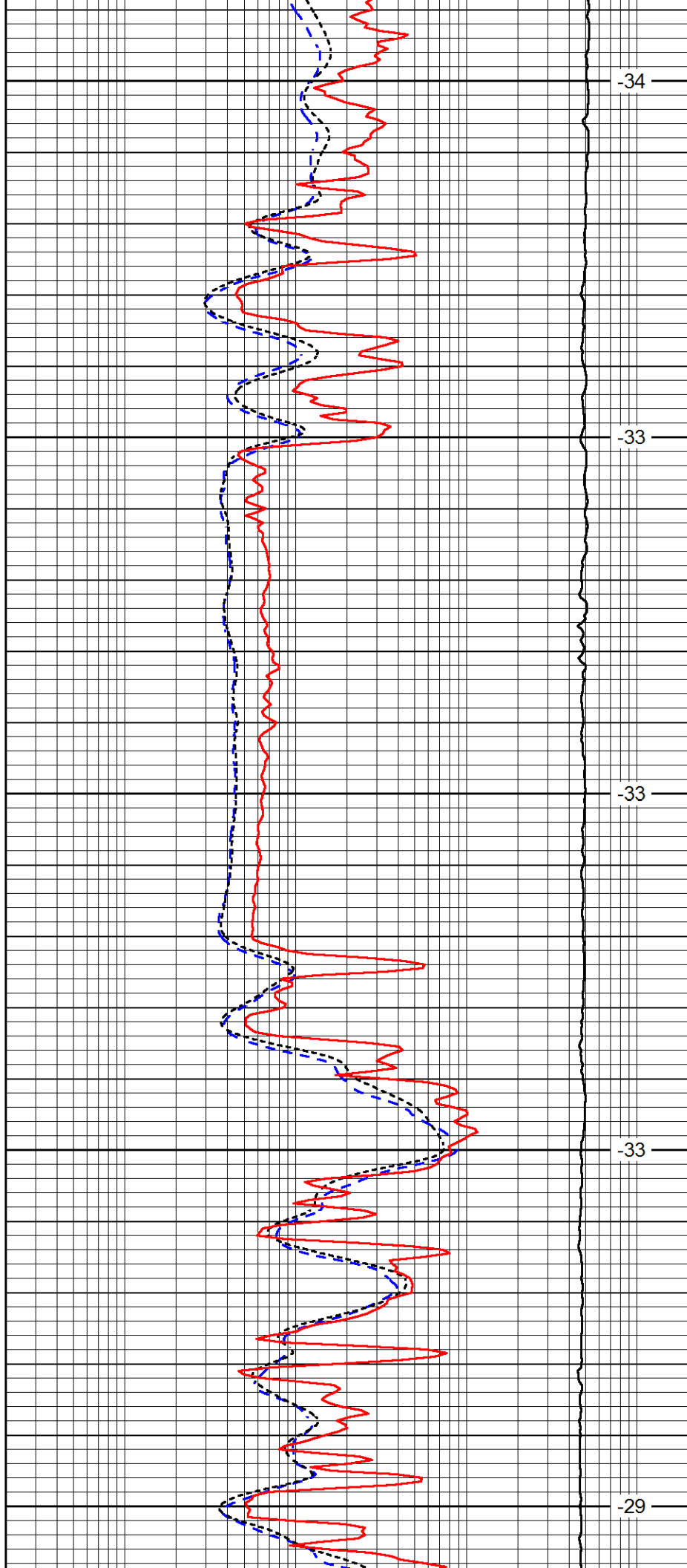
3050

3100

3150

3200

3250



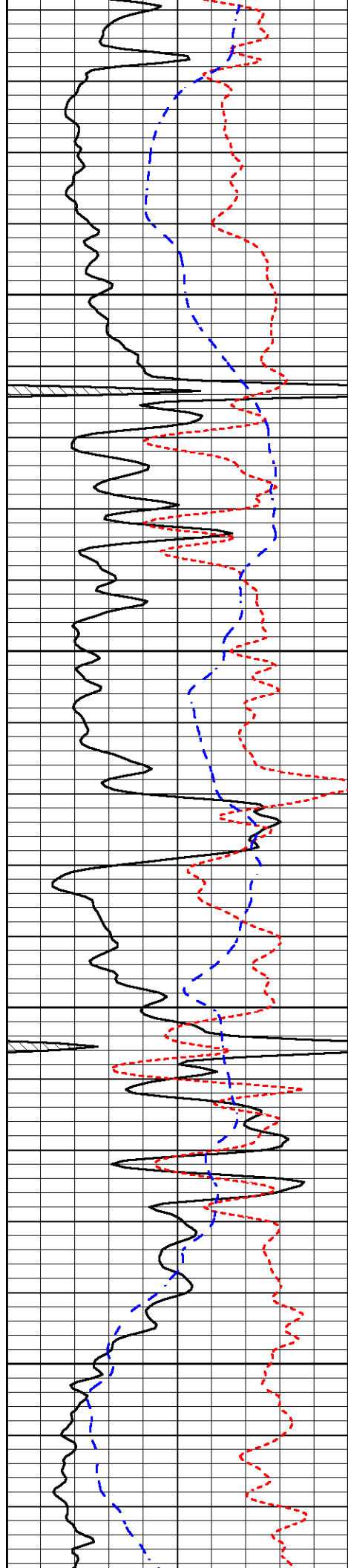
-34

-33

-33

-33

-29

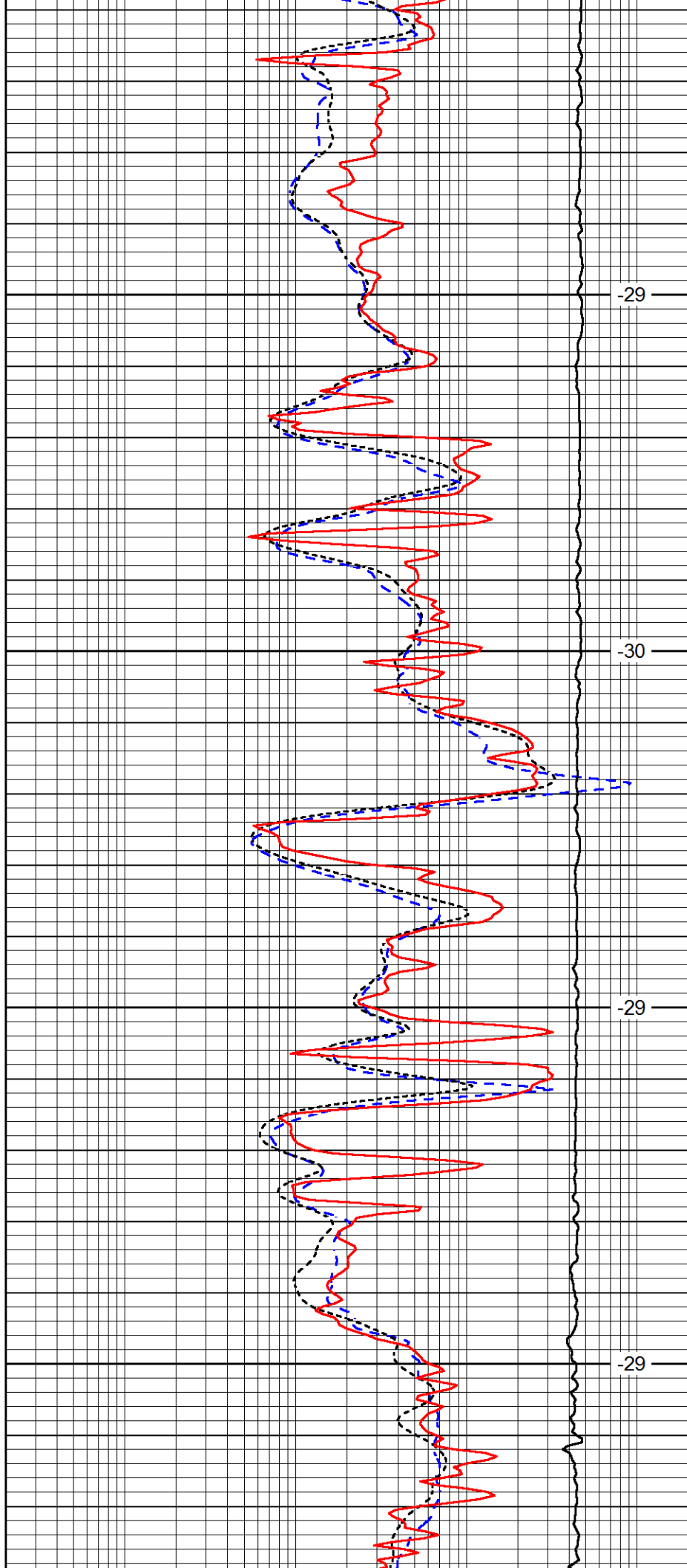


3300

3350

3400

3450

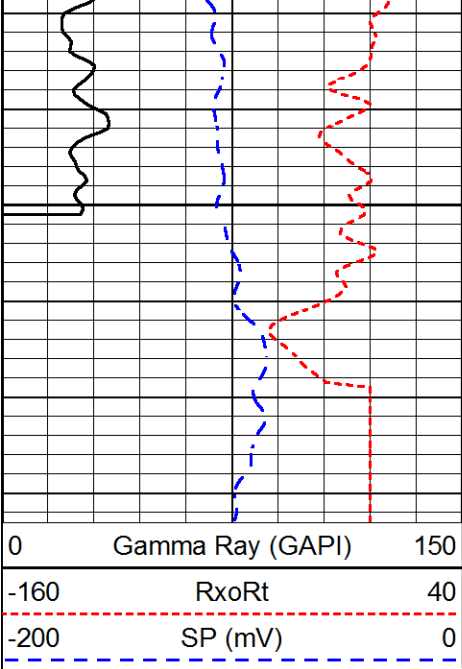


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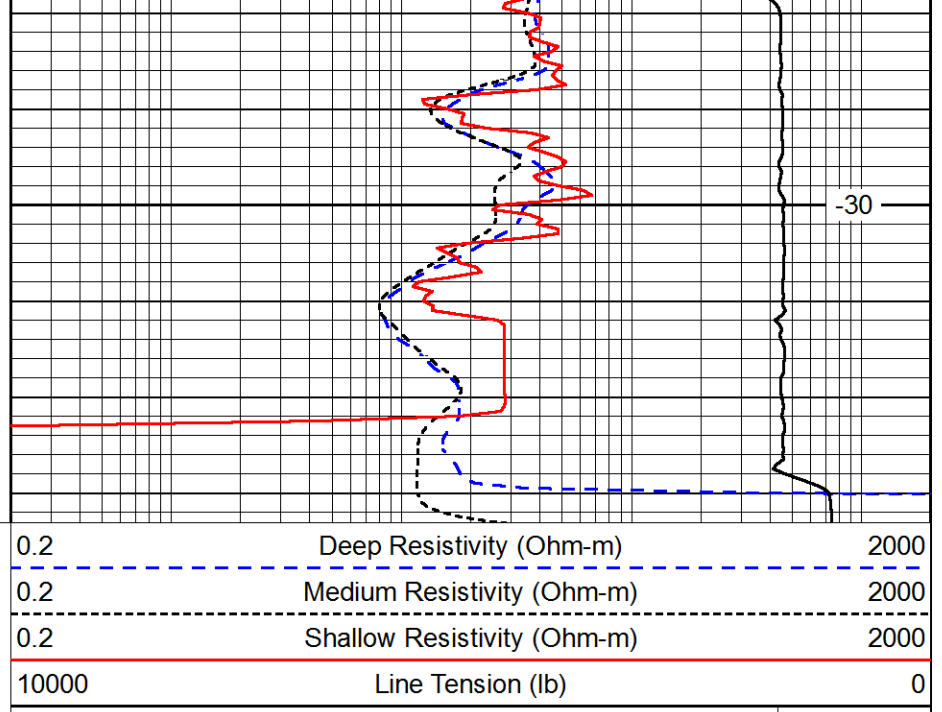
-30

-29

-29



3500



30

LSPD
(ft/min)