



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-191-22,680-00-00

Company **McCoy Petroleum Corporation**

Well **Stewart "A" No. 2-31**

Field **Love-Three North**

County **Sumner** State **Kansas**

Location **990' FSL & 1,750' FEL**

Sec: 31 Twp: 31S Rge: 3W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 1288
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1297
D.F.
G.L. 1288

Date 4/19/2013

Run Number One

Type Log CNL / CDL

Depth Driller 4458

Depth Logger 4454

Bottom Logged Interval 4433

Top Logged Interval 2500

Type Fluid In Hole Chemical

Salinity, PPM CL 4000

Density 9.5

Level Full

Max. Rec. Temp. F 121

Operating Rig Time 4 Hours

Equipment -- Location 108 Hays

Recorded By J. Long

Witnessed By Evan Stone

Witnessed By

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

1 12.25 00 276 8.625 24# 00 276

2 7.875 276 4458

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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.

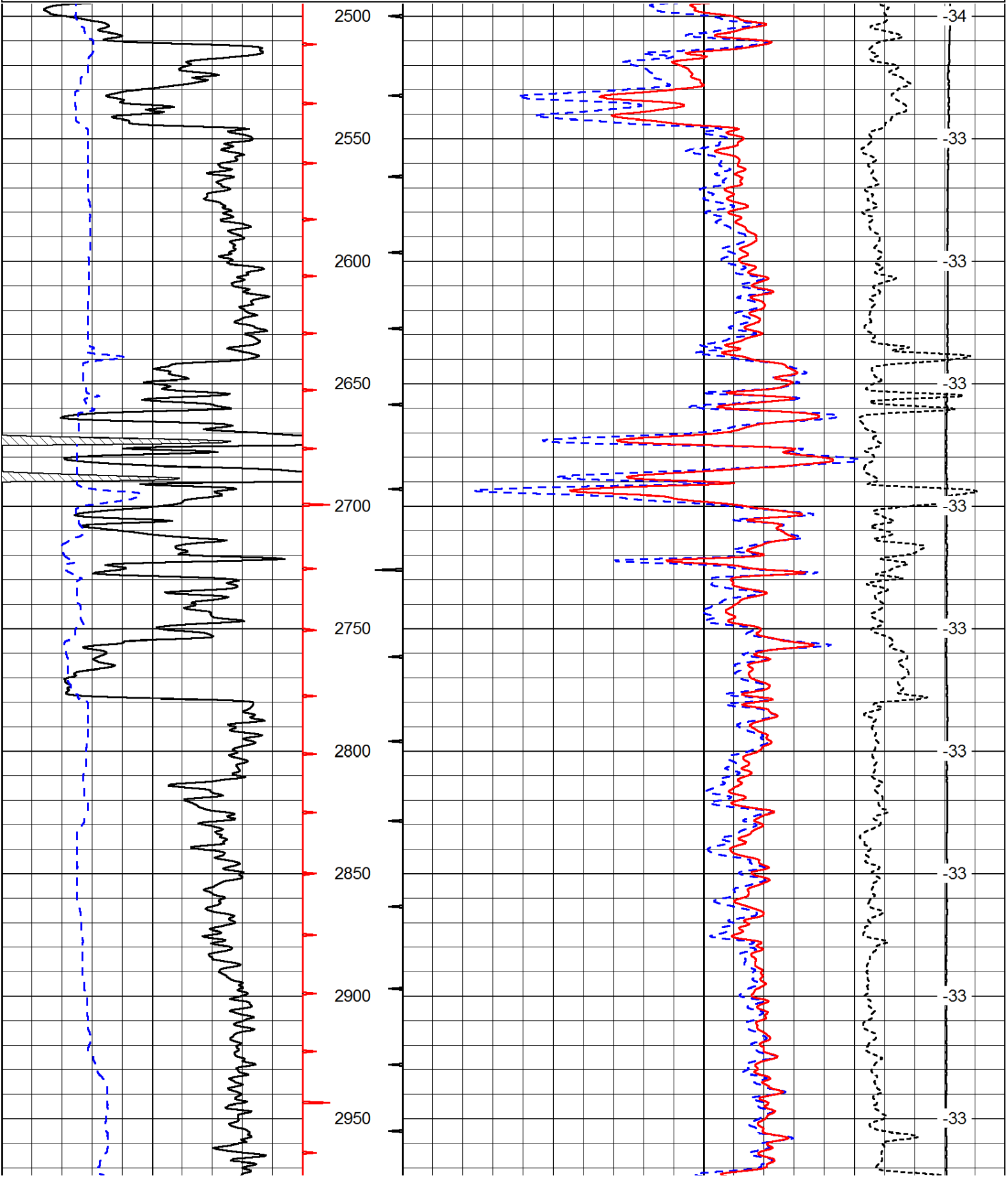
Comments

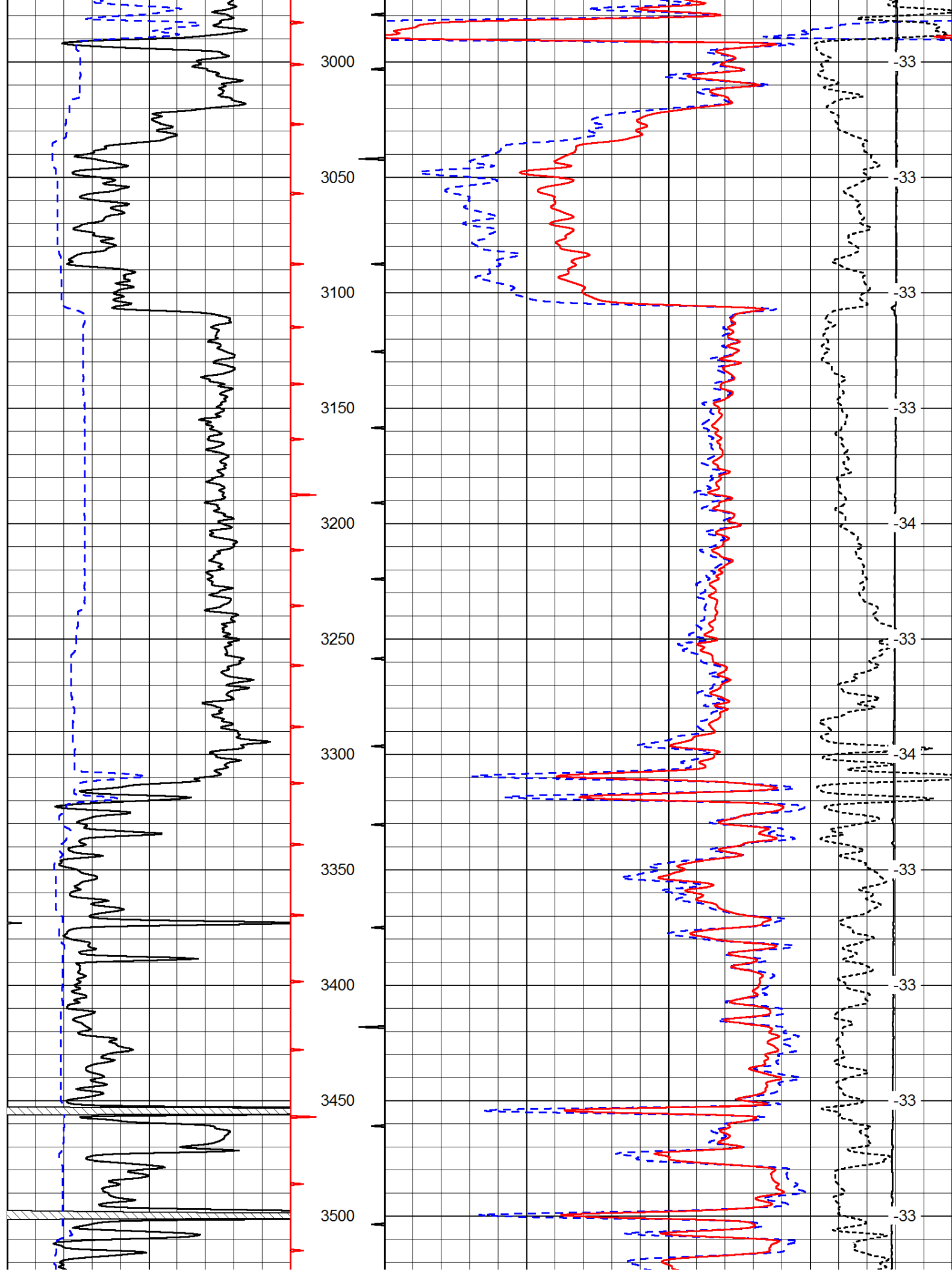
Thank you for using Pioneer Energy Services
www.pioneerres.com
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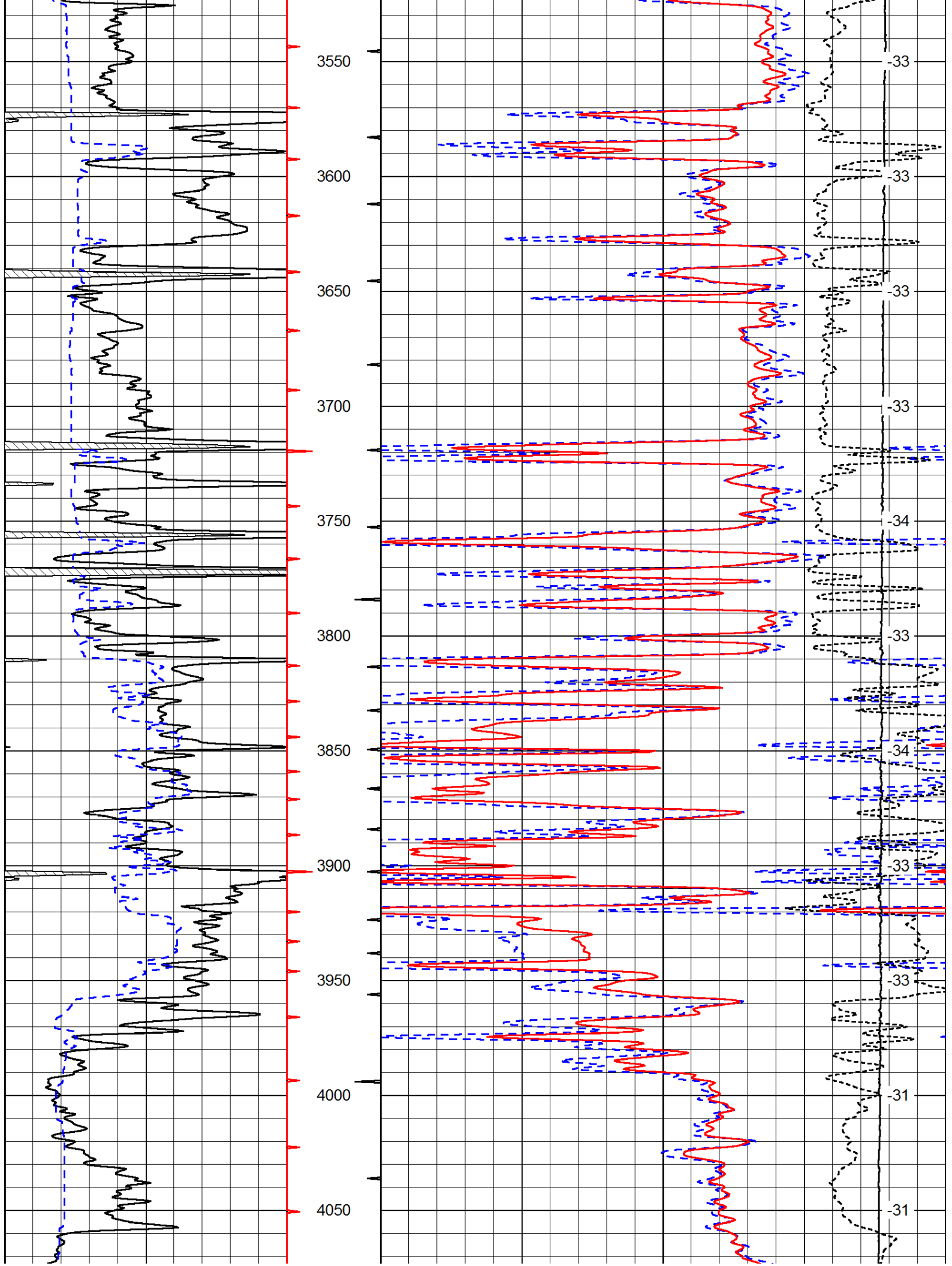
Conway Springs, 5 South to West 40th Avenue, 2 West, 1 South, 1/2 West, North Into

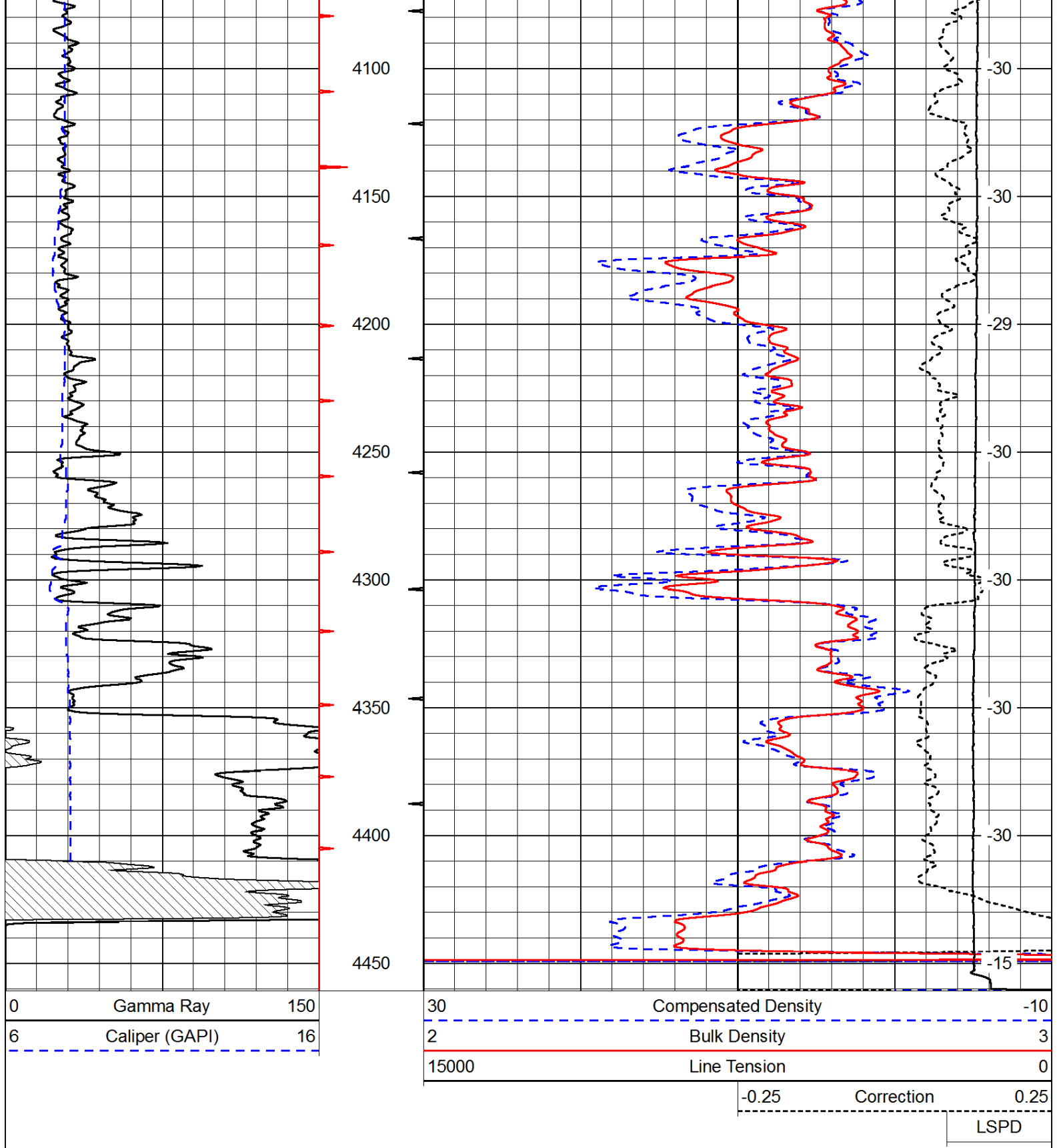
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Dataset Pathname: dil/mcstck
Presentation Format: cdl
Dataset Creation: Fri Apr 19 16:44:58 2013
Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:600					
0	Gamma Ray	150	30	Compensated Density	-10
6	Caliper (GAPI)	16	2	Bulk Density	3
			15000	Line Tension	0
			-0.25 Correction 0.25		
			LSPD		



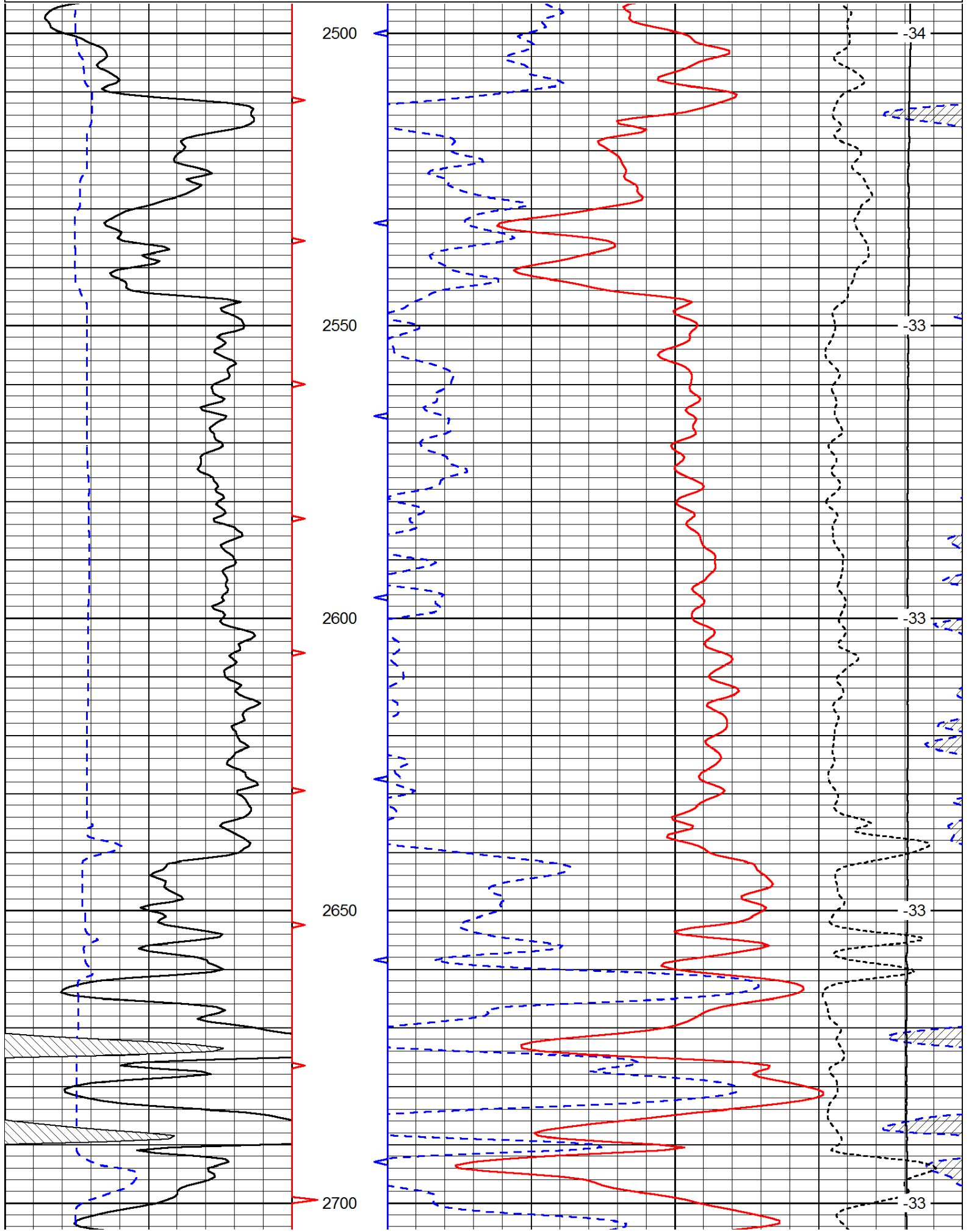


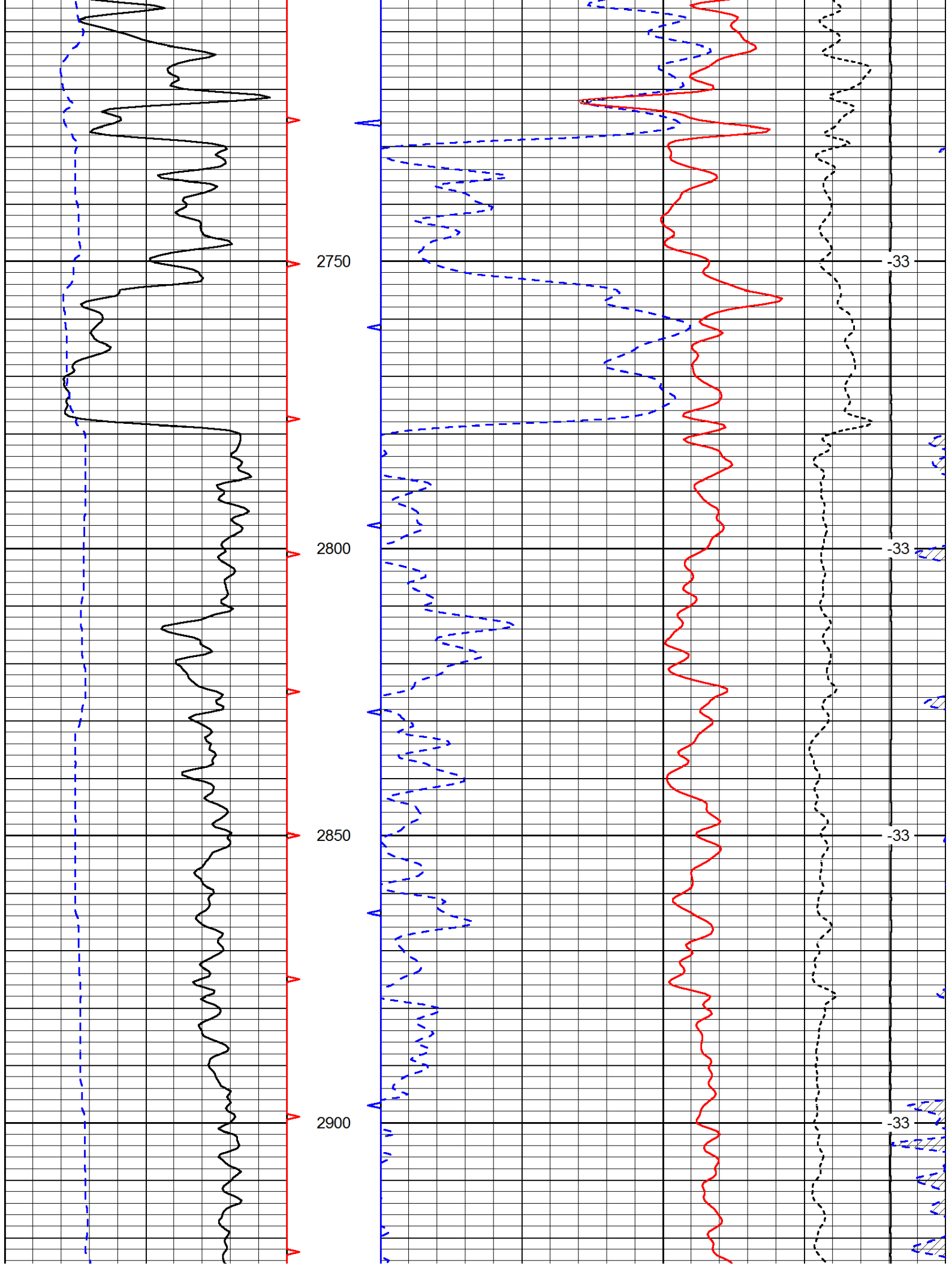


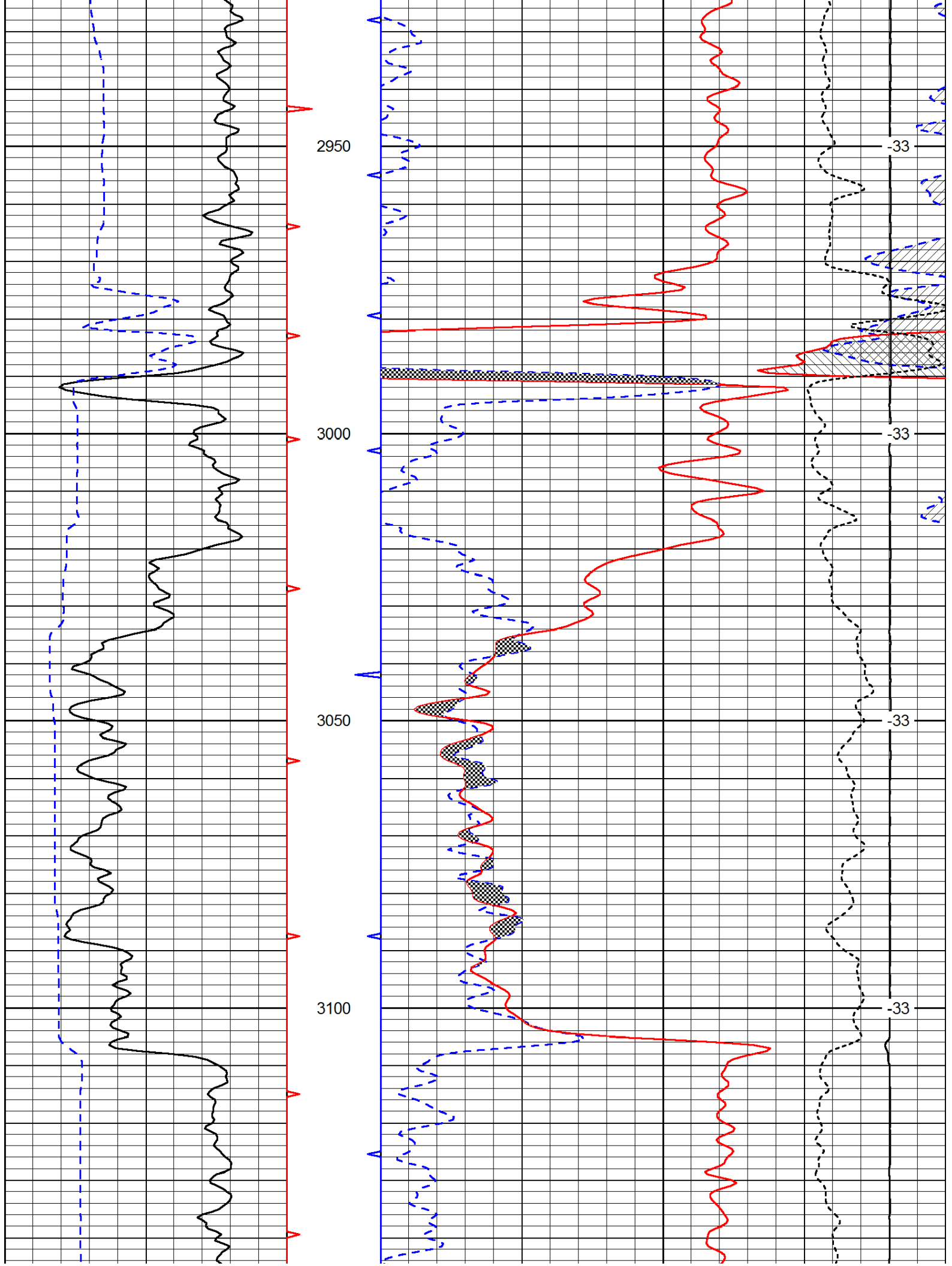


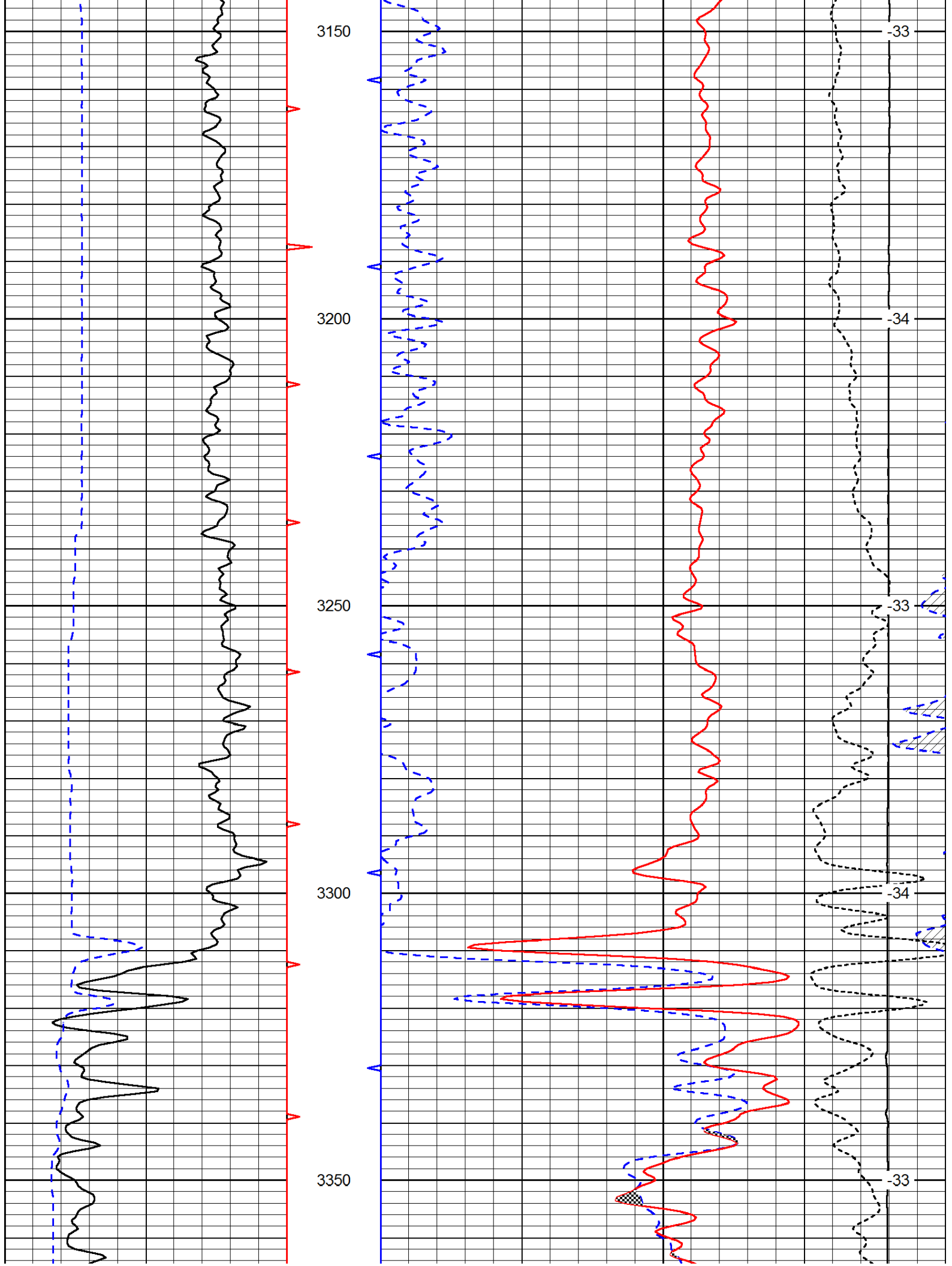
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 Charted by: Depth in Feet scaled 1:240

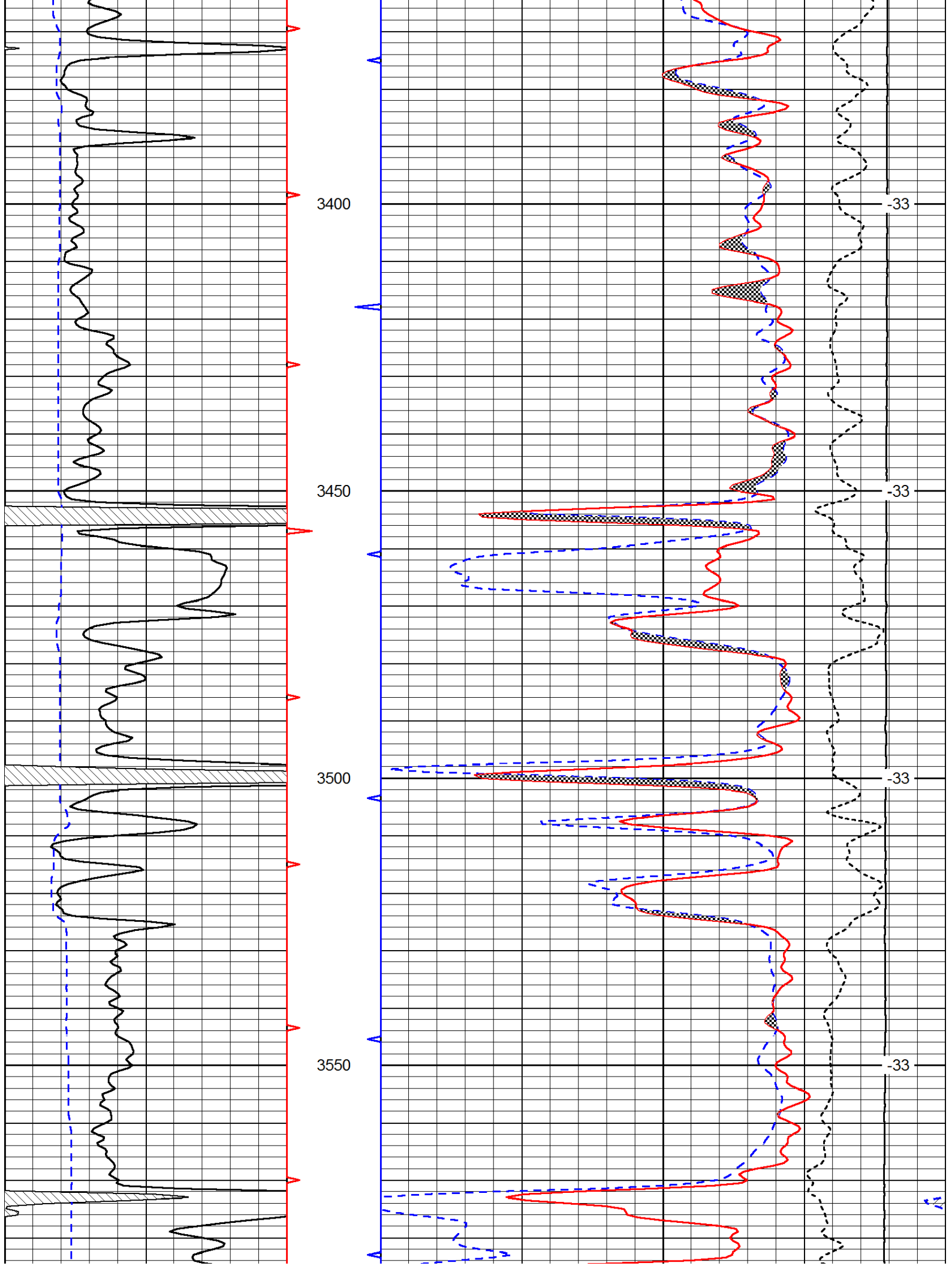
0	Gamma Ray	150	30	Compensated Neutron (Limestone)	-10
6	Caliper (GAPI)	16	30	Compensated Density (Limestone)	-10
			15000	Line Tension	0

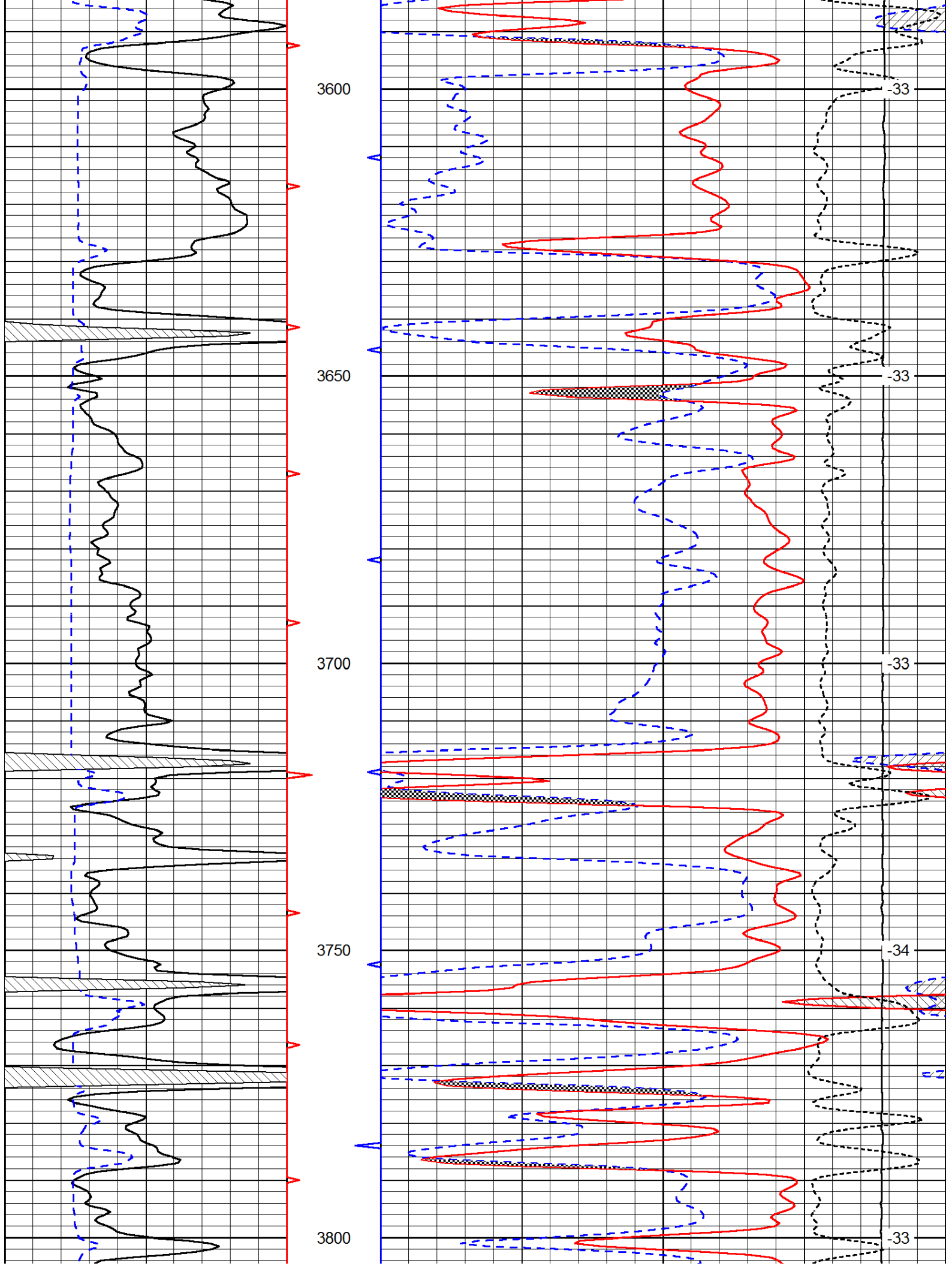


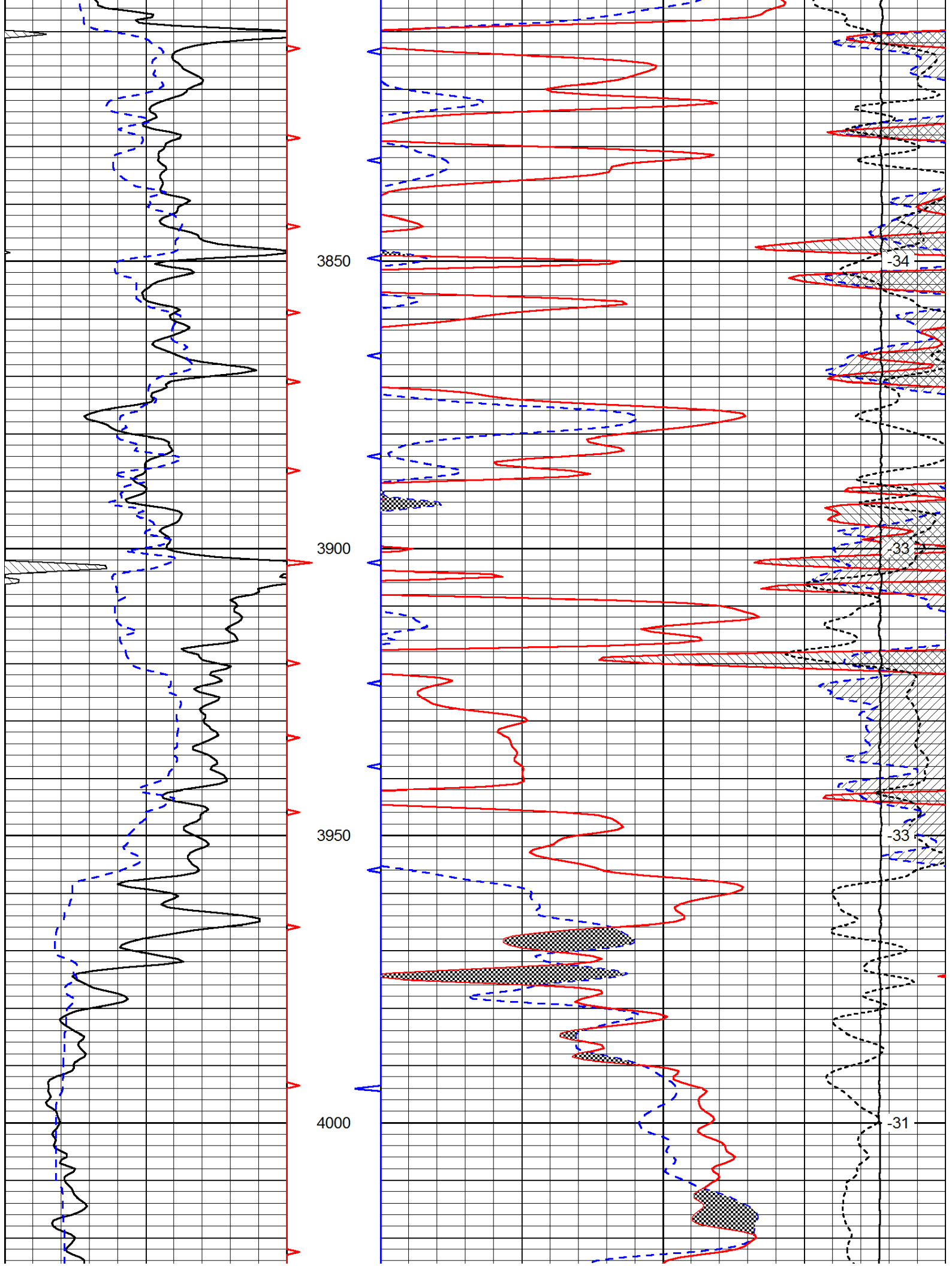


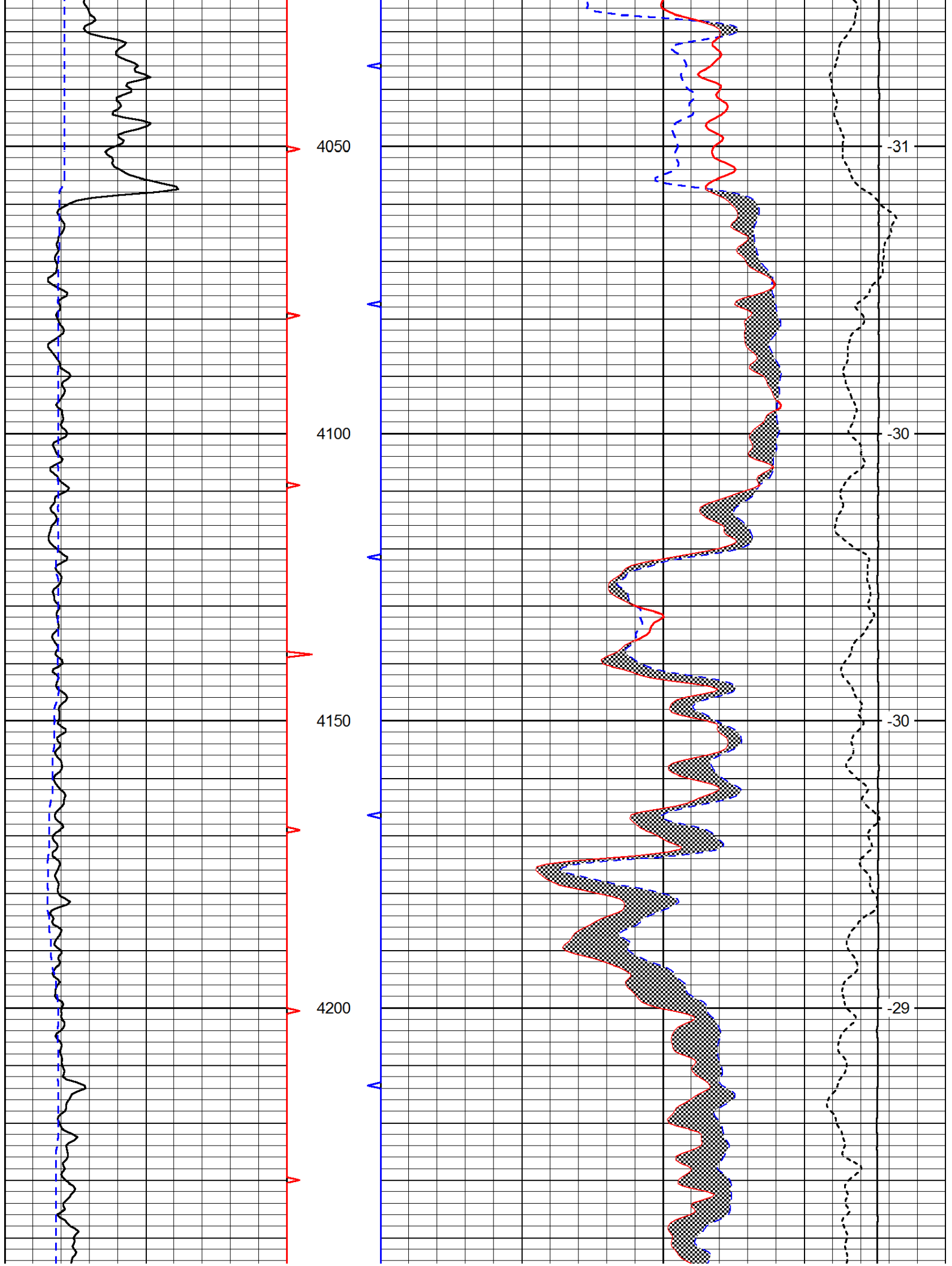


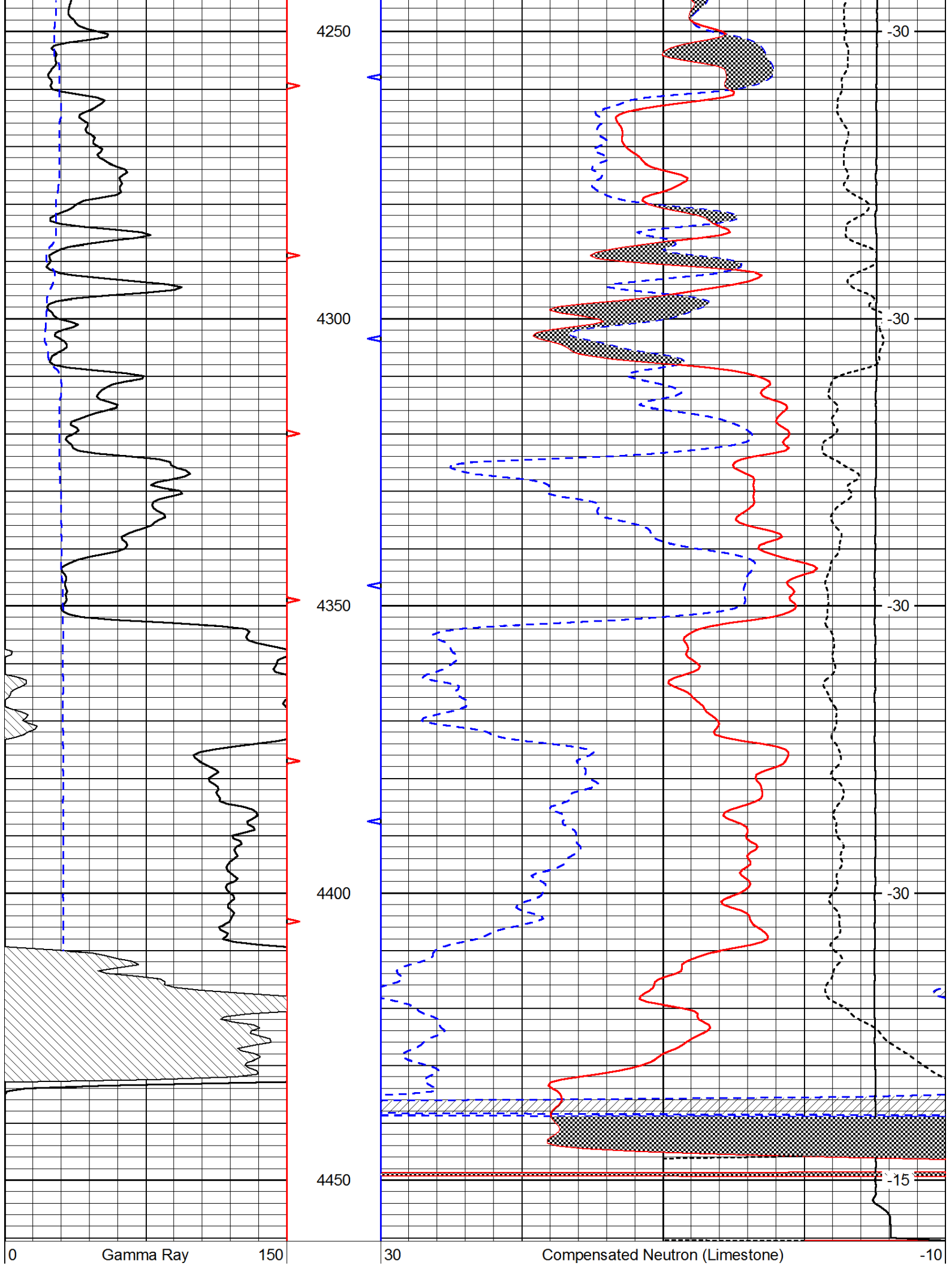












6	Caliper (GAPI)	16

30	Compensated Density (Limestone)	-10
15000	Line Tension	0
	-0.25 Correction	0.25
		LSPD