



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-159-22802-00-00

Company **Mike Kelso Oil, Inc.**
Well **Meyer Ankerholz #14**
Field **Geneseo-Edwards**
County **Rice** State **Kansas**

Location **1030' FSL & 990' FWL**

Other Services
MEL

Sec: **30** Twp: **18S** Rge: **7W**

Elevation

Permanent Datum **Ground Level** Elevation **1730**
Log Measured From **Kelly Bushing** **7** Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

K.B. **1737**
D.F. **1730**
G.L. **1730**

Date **10/25/2014**

Run Number **Two**

Type Log **CNL / CDL**

Depth Driller **3303**

Depth Logger **3302**

Bottom Logged Interval **3300**

Top Logged Interval **2400**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **3000**

Density **9.2**

Level **Full**

Max. Rec. Temp. F **109**

Operating Rig Time **3 Hours**

Equipment -- Location **91 Hays**

Recorded By **D. Schmidt**

Witnessed By **Mike Kelso**

Logan Walker

Borehole Record

Run No Bit From To Size Wgt. From To

One 12.25 00 343 8.625 23# 00 343

Two 7.875 343 TD

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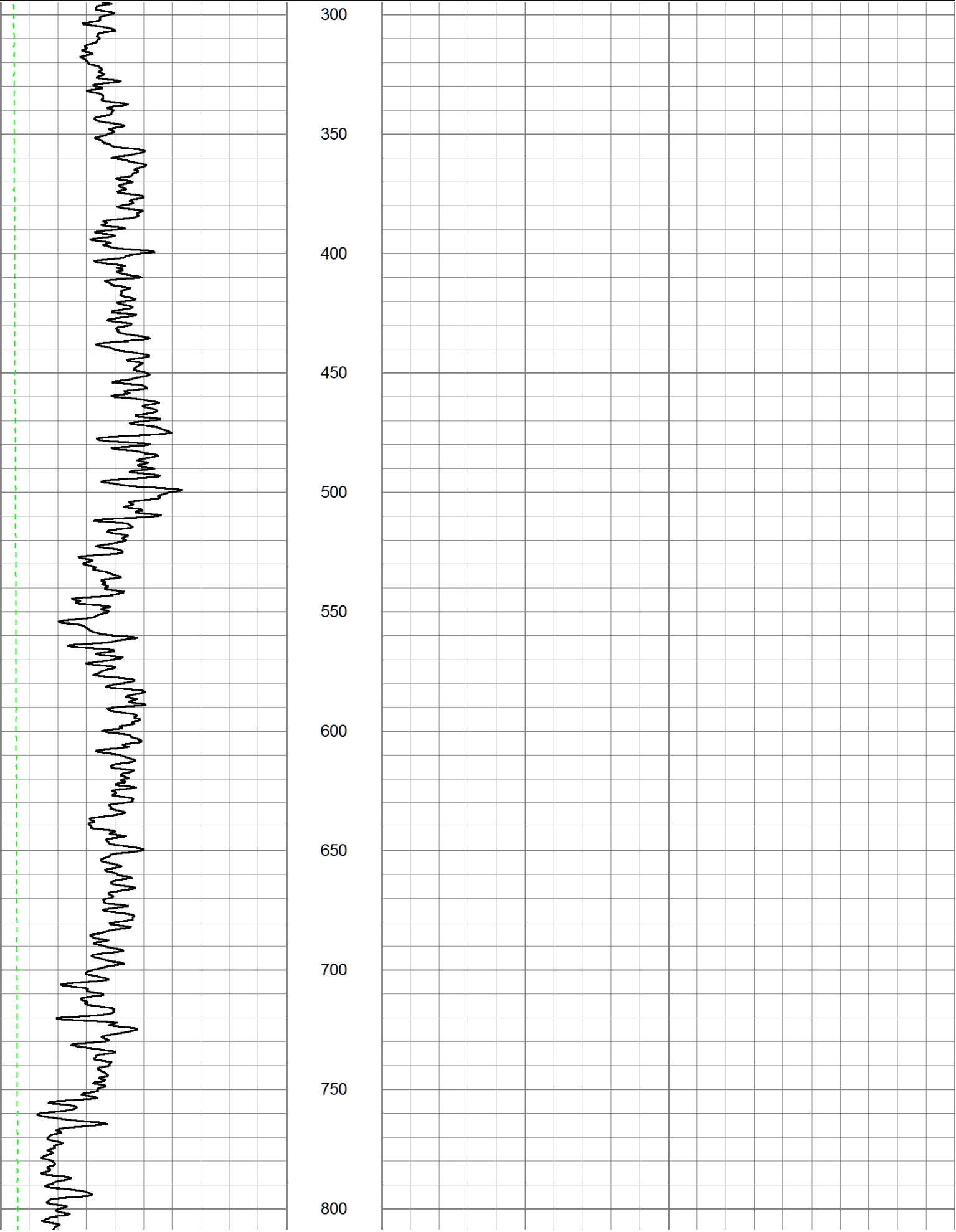
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

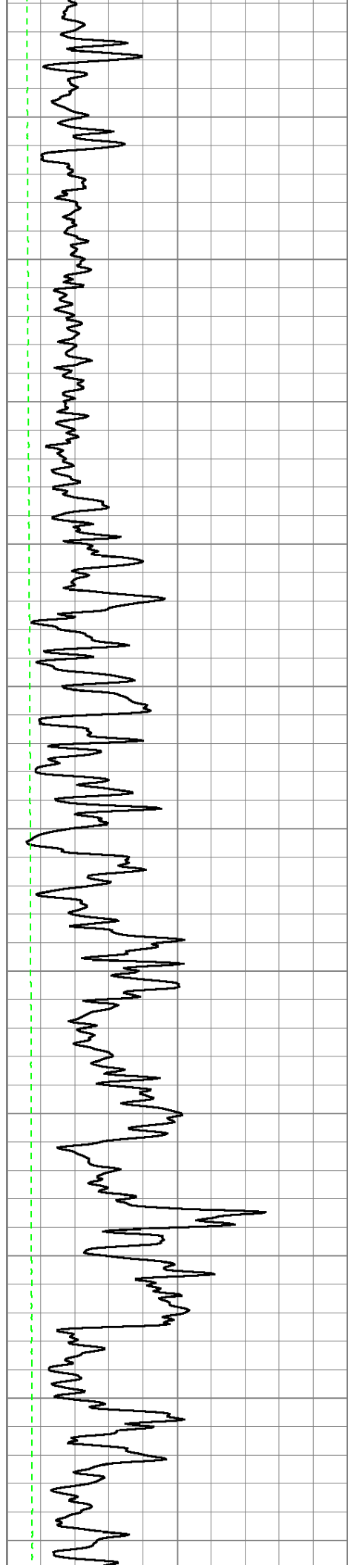
Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858
Geneseo,
East to 19th RD,
4 1/2 South,
East Into

Database File: kelso_ankerholz_14hd.db
Dataset Pathname: DIL/mkstkm1
Presentation Format: gr
Dataset Creation: Sat Oct 25 17:50:51 2014
Charted by: Depth in Feet scaled 1:600

0	GR	200
0	LTEN	10000





850

900

950

1000

1050

1100

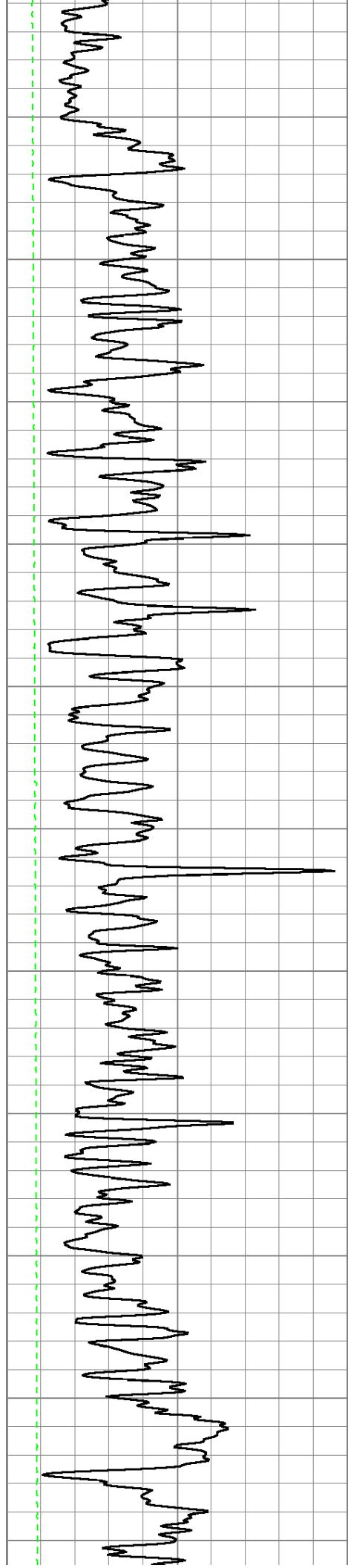
1150

1200

1250

1300

1350



1400

1450

1500

1550

1600

1650

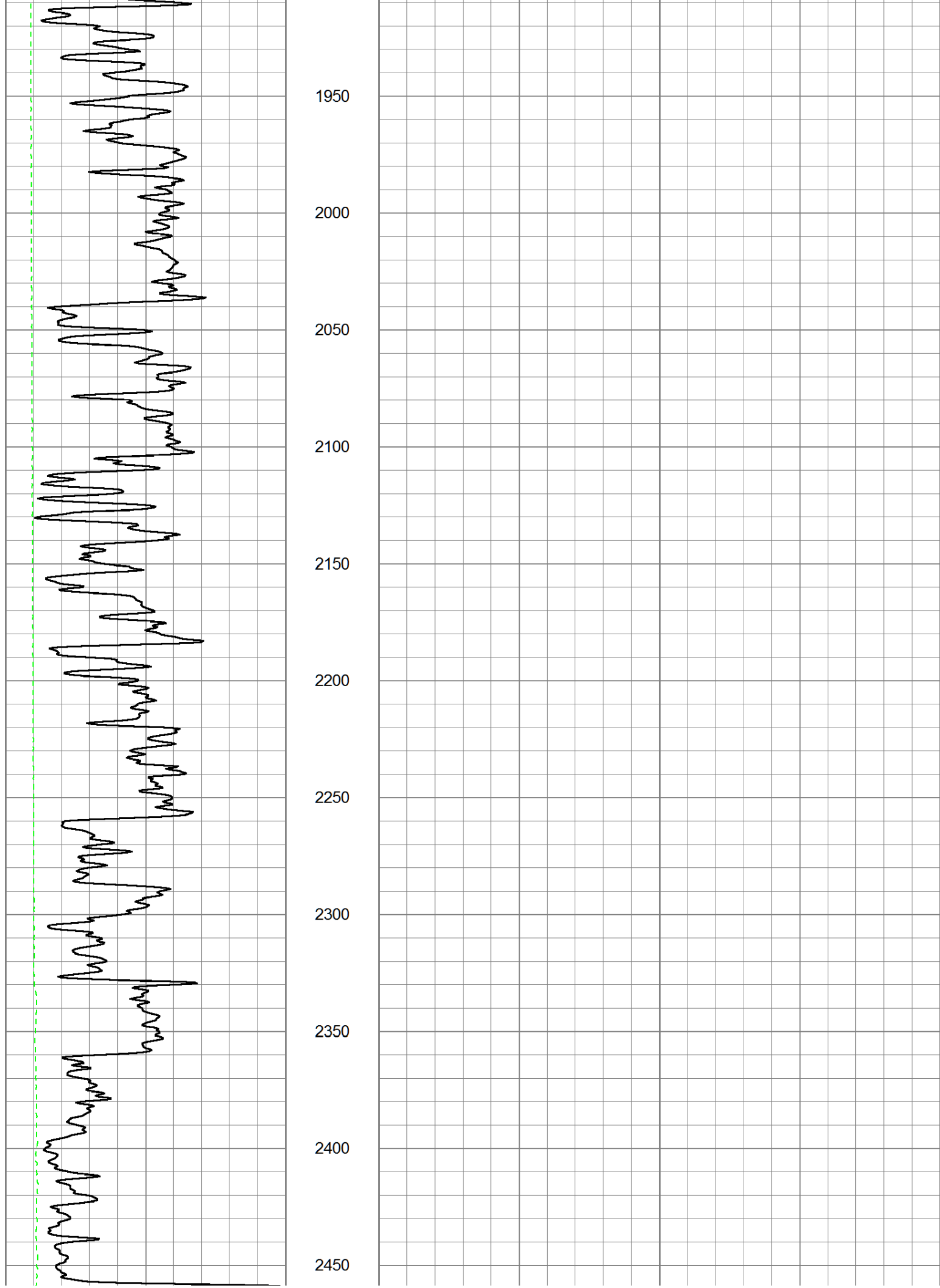
1700

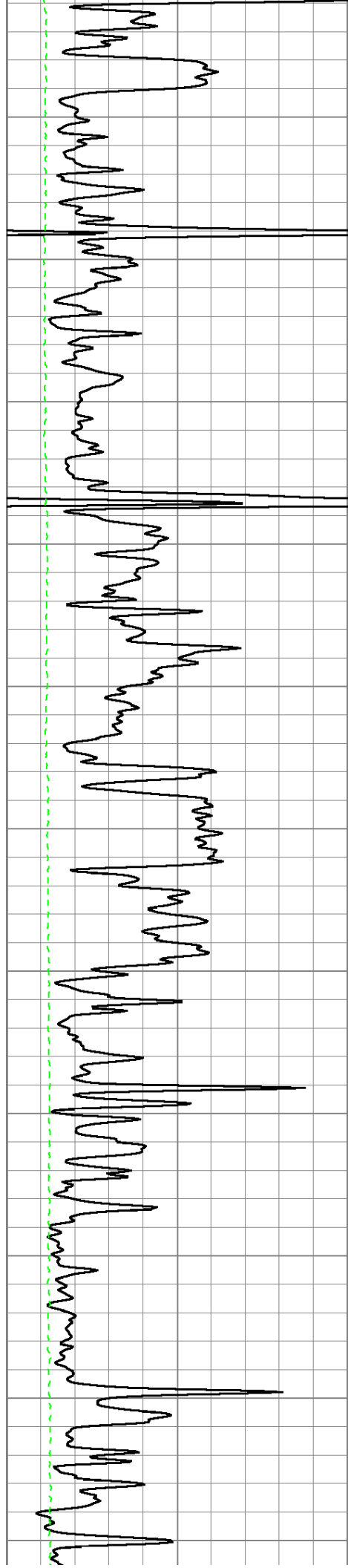
1750

1800

1850

1900





2500

2550

2600

2650

2700

2750

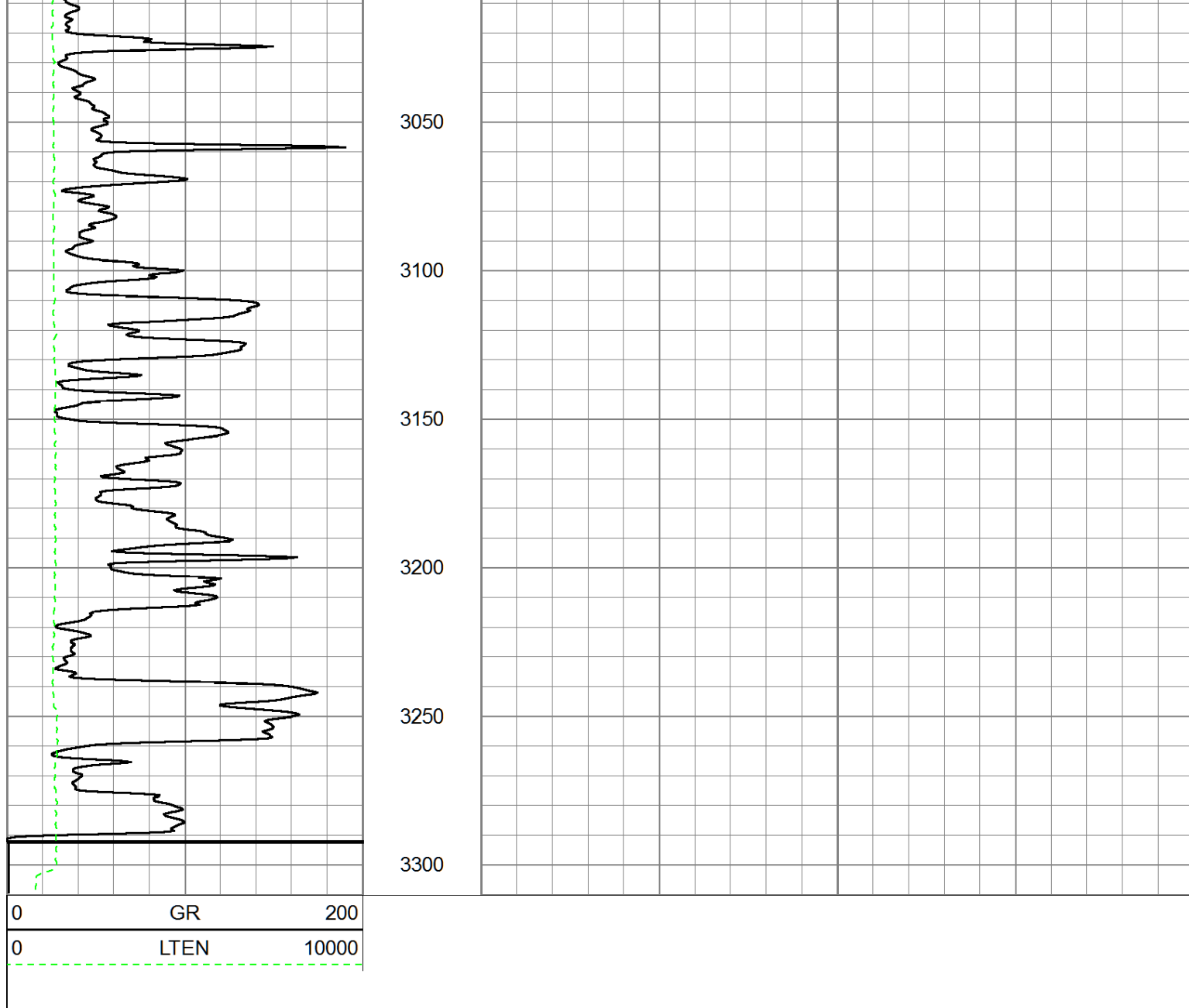
2800

2850

2900

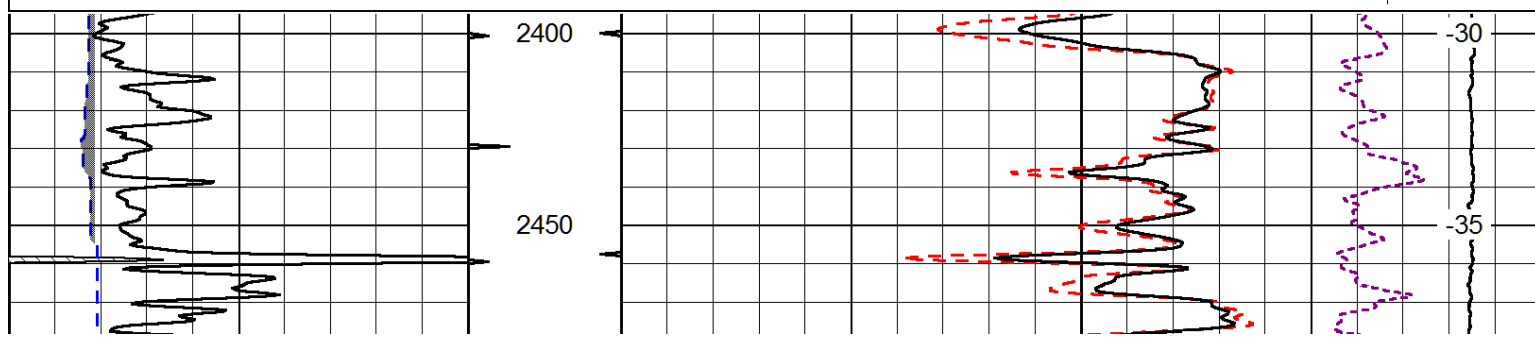
2950

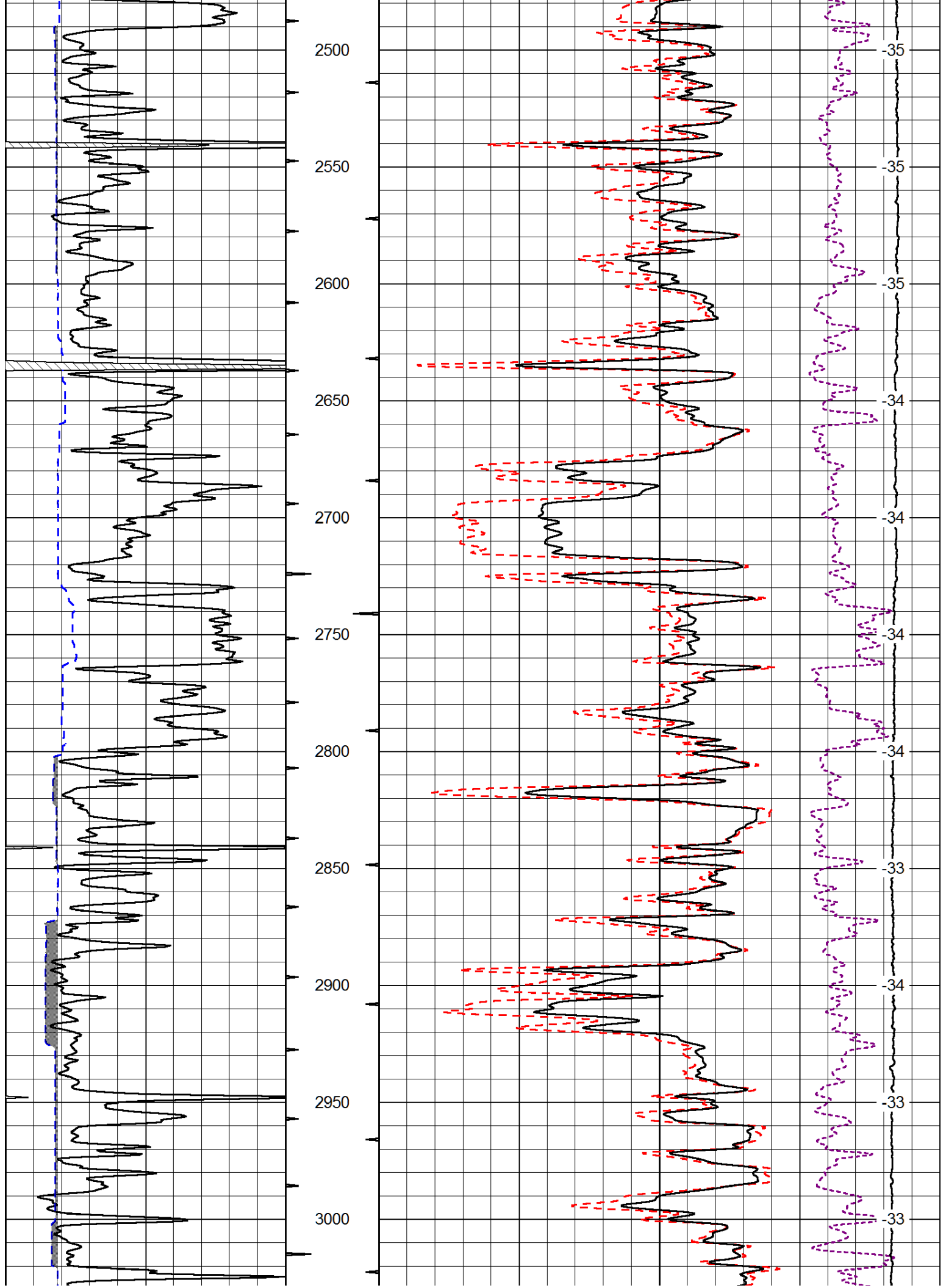
3000

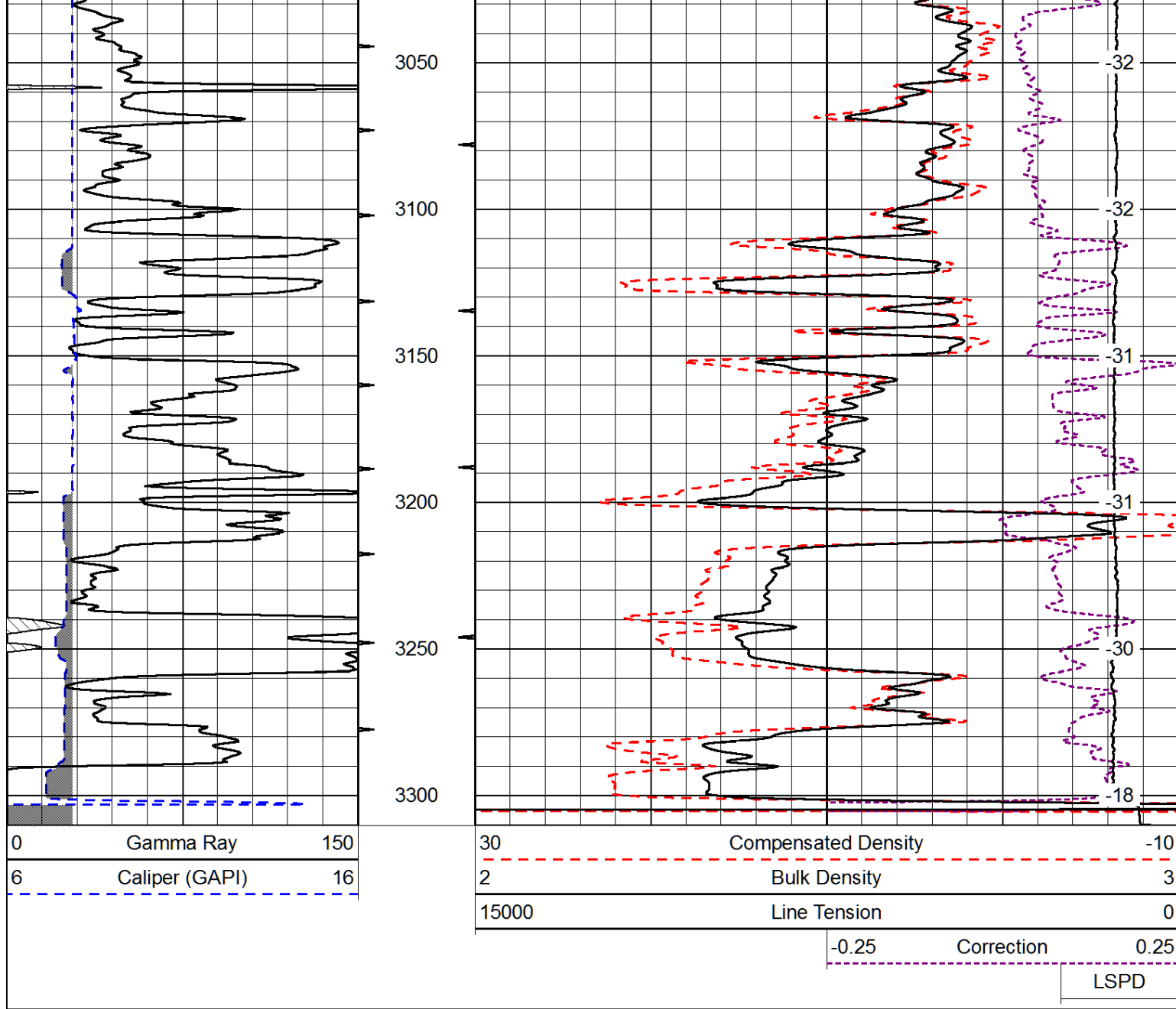


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 Charted by: Depth in Feet scaled 1:600

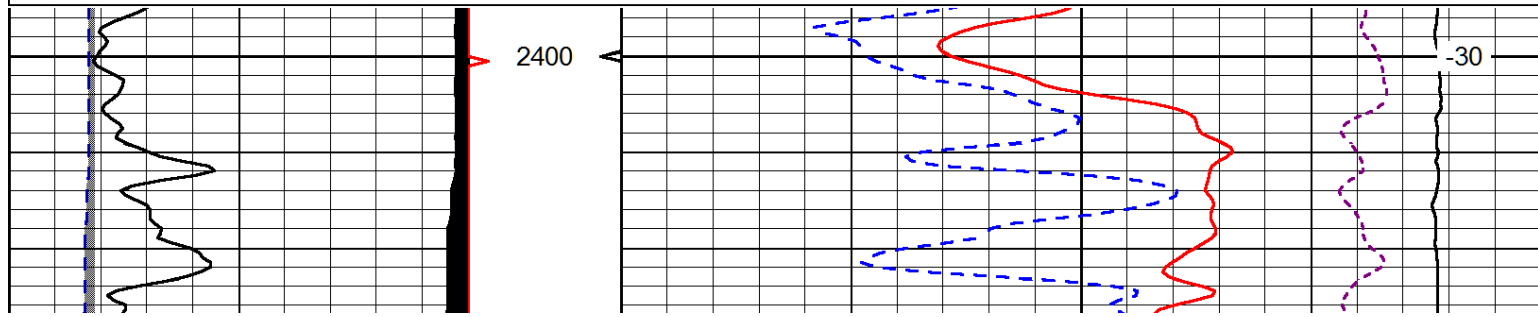
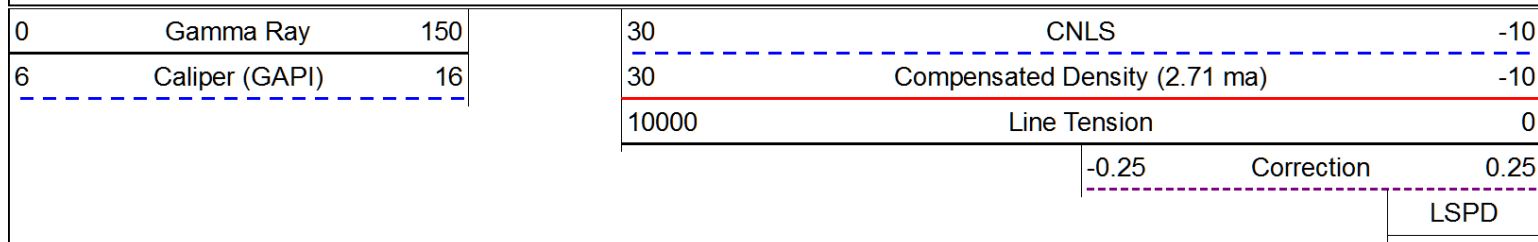
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6	Caliper (GAPI)	16	2	Bulk Density	3
			15000	Line Tension	0
			-0.25	Correction	0.25
			LSPD		

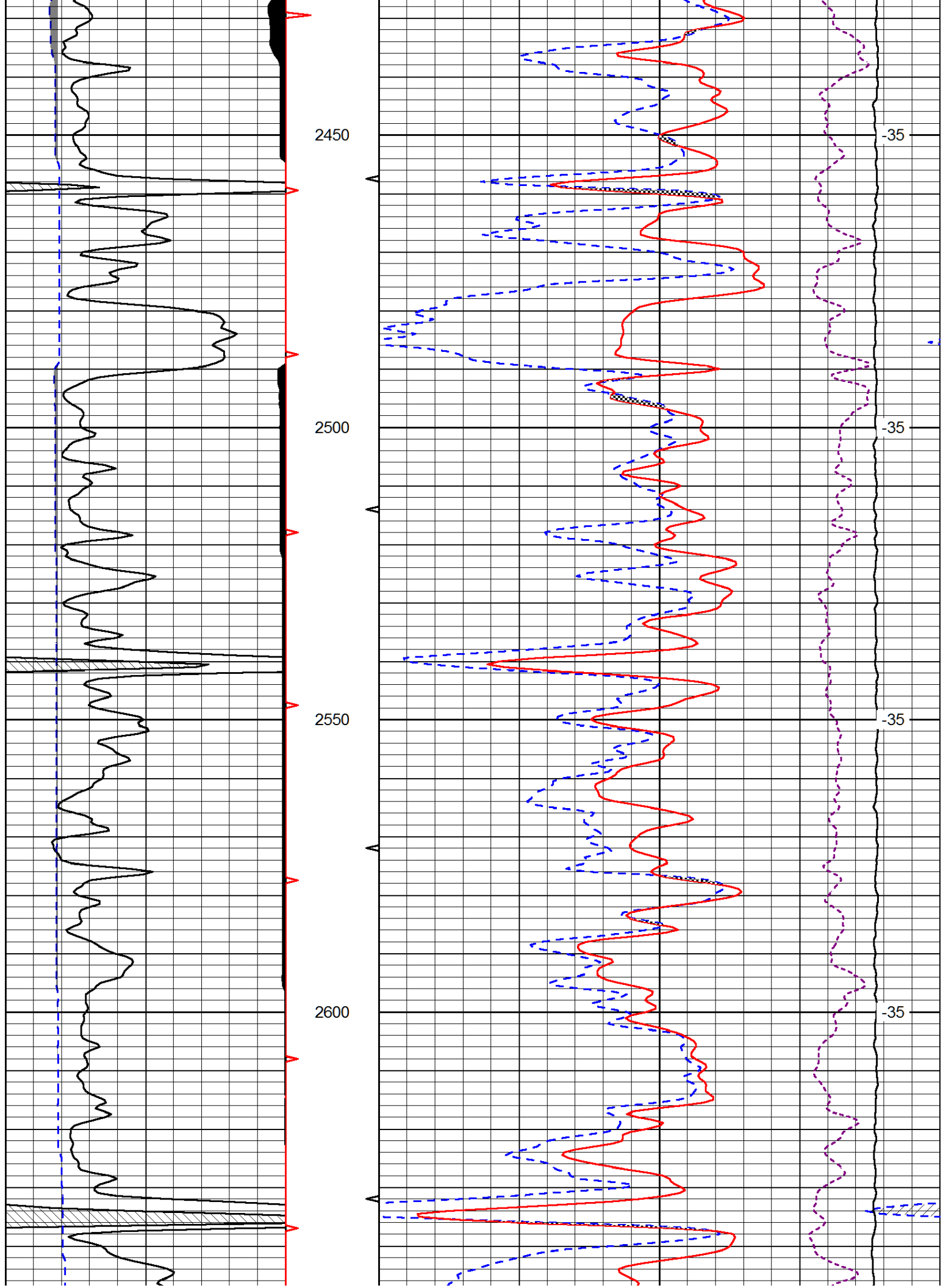


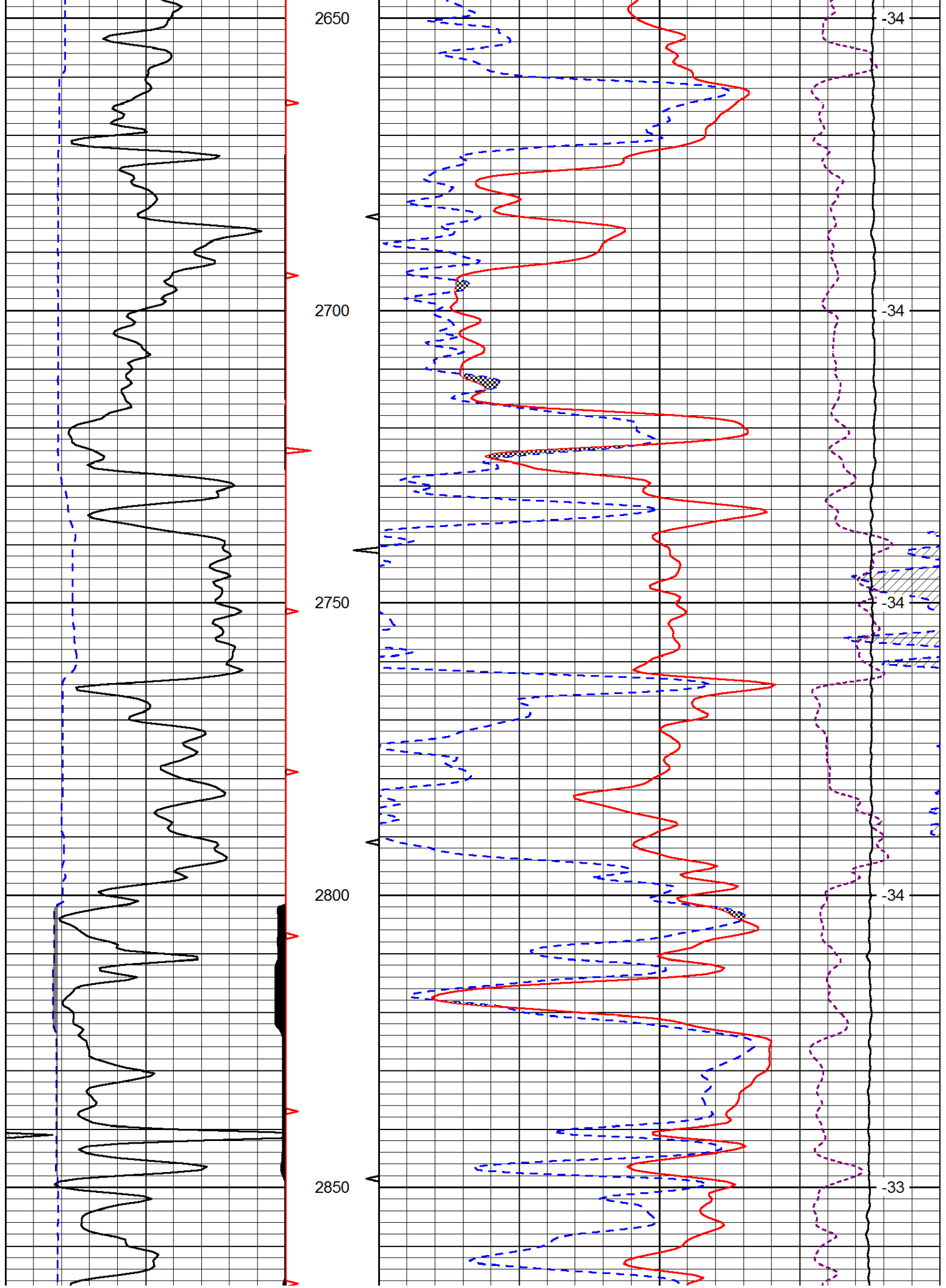


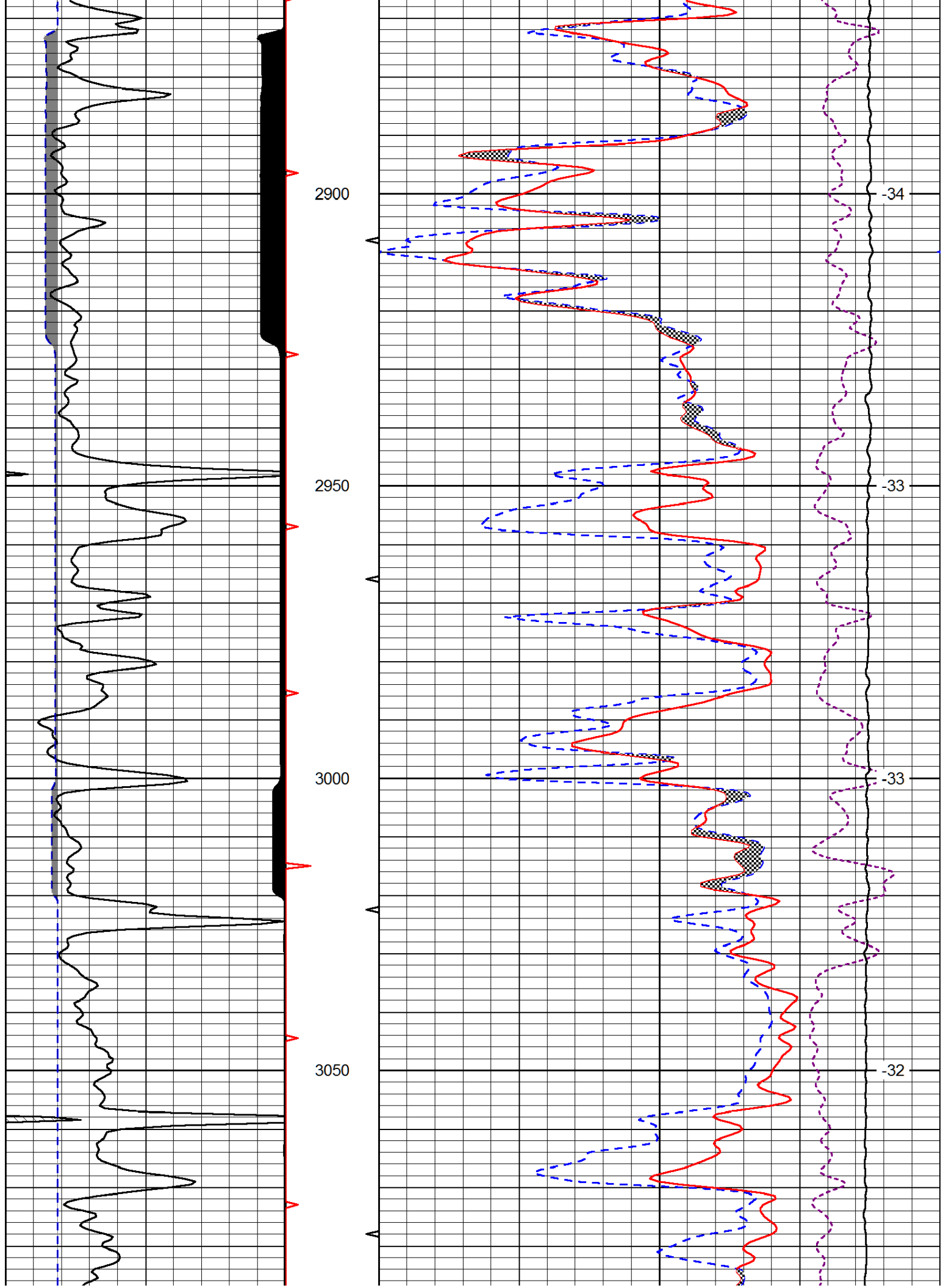


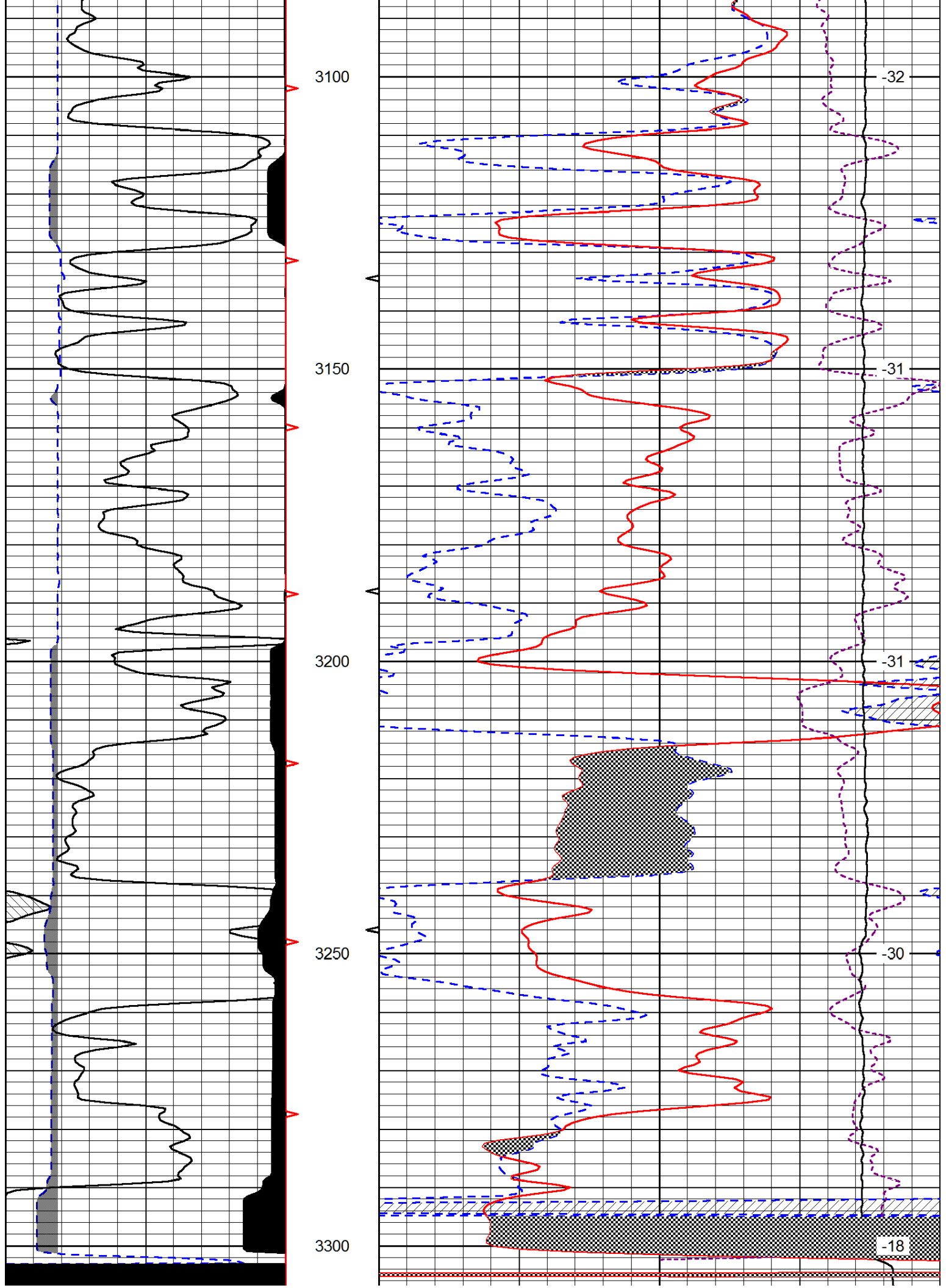
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 Presentation Format: cndlspec
 Dataset Creation: Sat Oct 25 17:50:51 2014
 Charted by: Depth in Feet scaled 1:240











0	Gamma Ray	150	30	CNLS	-10
6	Caliper (GAPI)	16	30	Compensated Density (2.71 ma)	-10
			10000	Line Tension	0
				-0.25	Correction 0.25
					LSPD