



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-095-22,281-00-00

Company Novy Oil & Gas, Inc.

Well Ravenstein No. 2

Field Klaver Northeast

County Kingman State Kansas

Location 660' FNL & 1980' FEL

Sec: 15 Twp: 29S Rge: 6W

Other Services
DIL/MEL

Permanent Datum Ground Level Elevation 1521

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

Elevation
K.B. 1531
D.F. 1521
G.L. 1521

Date 3/30/14

Run Number One

Type Log CNL / CDL

Depth Driller 4590

Depth Logger 4592

Bottom Logged Interval 4571

Top Logged Interval 2800

Type Fluid In Hole Chemical

Salinity, PPM CL 4,000

Density 9.3

Level Full

Max. Rec. Temp. F 122

Operating Rig Time 4 Hours

Equipment -- Location 108 Hays

Recorded By J. Henrickson

Witnessed By Harley Sayles

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

One 12.25 00 264 8.625 23# 00 264

Two 7.875 264 TD

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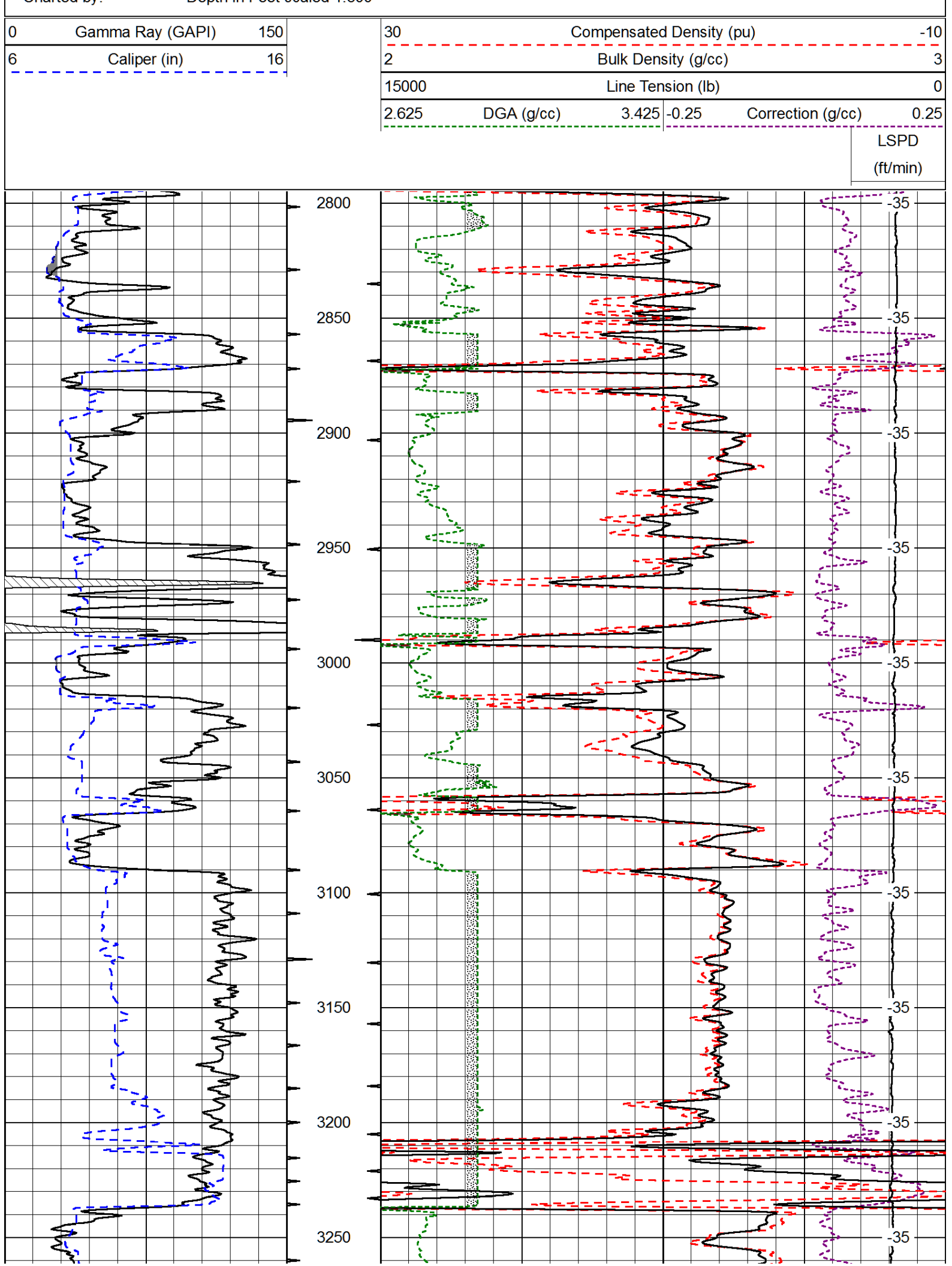
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

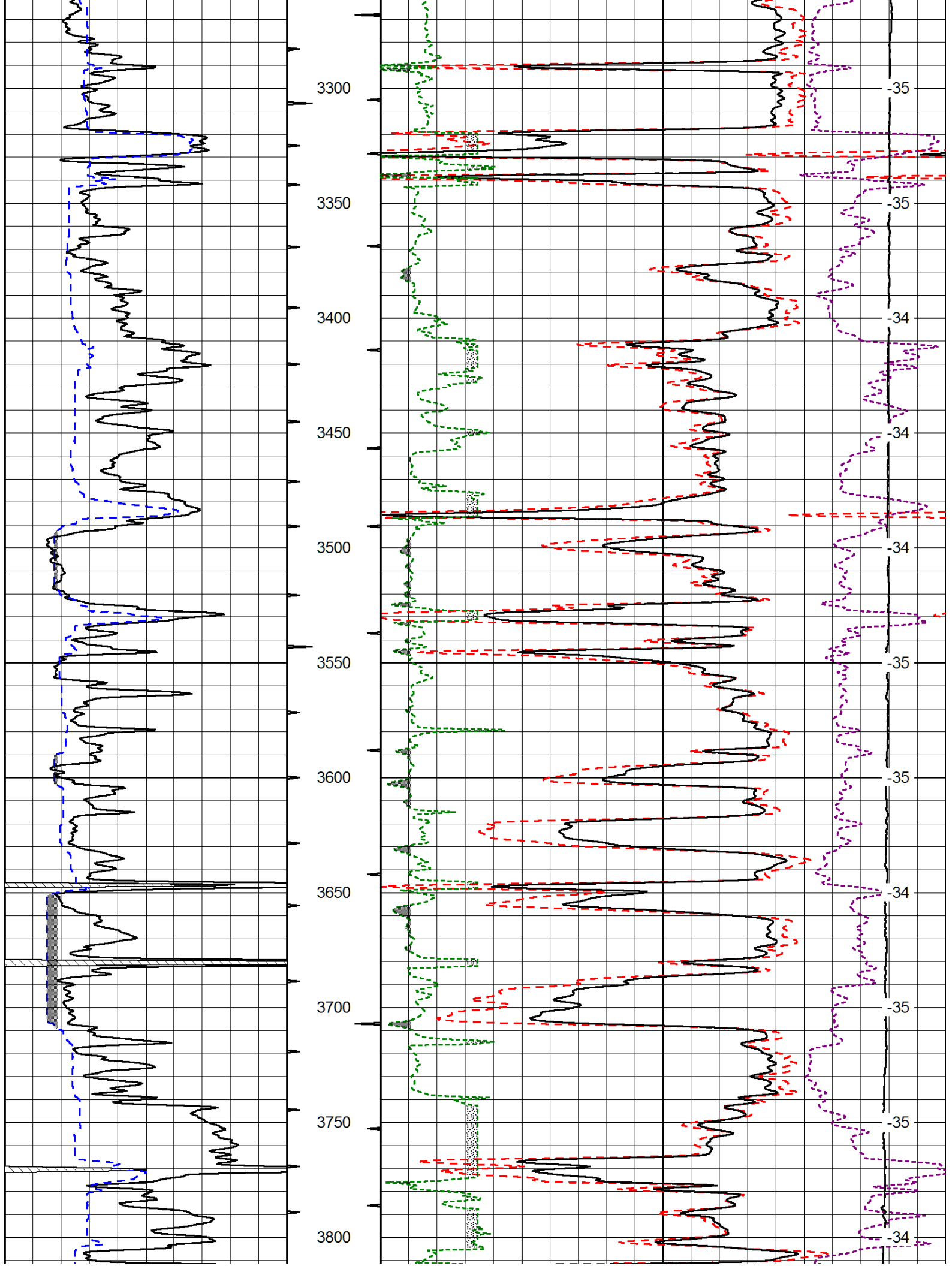
Comments

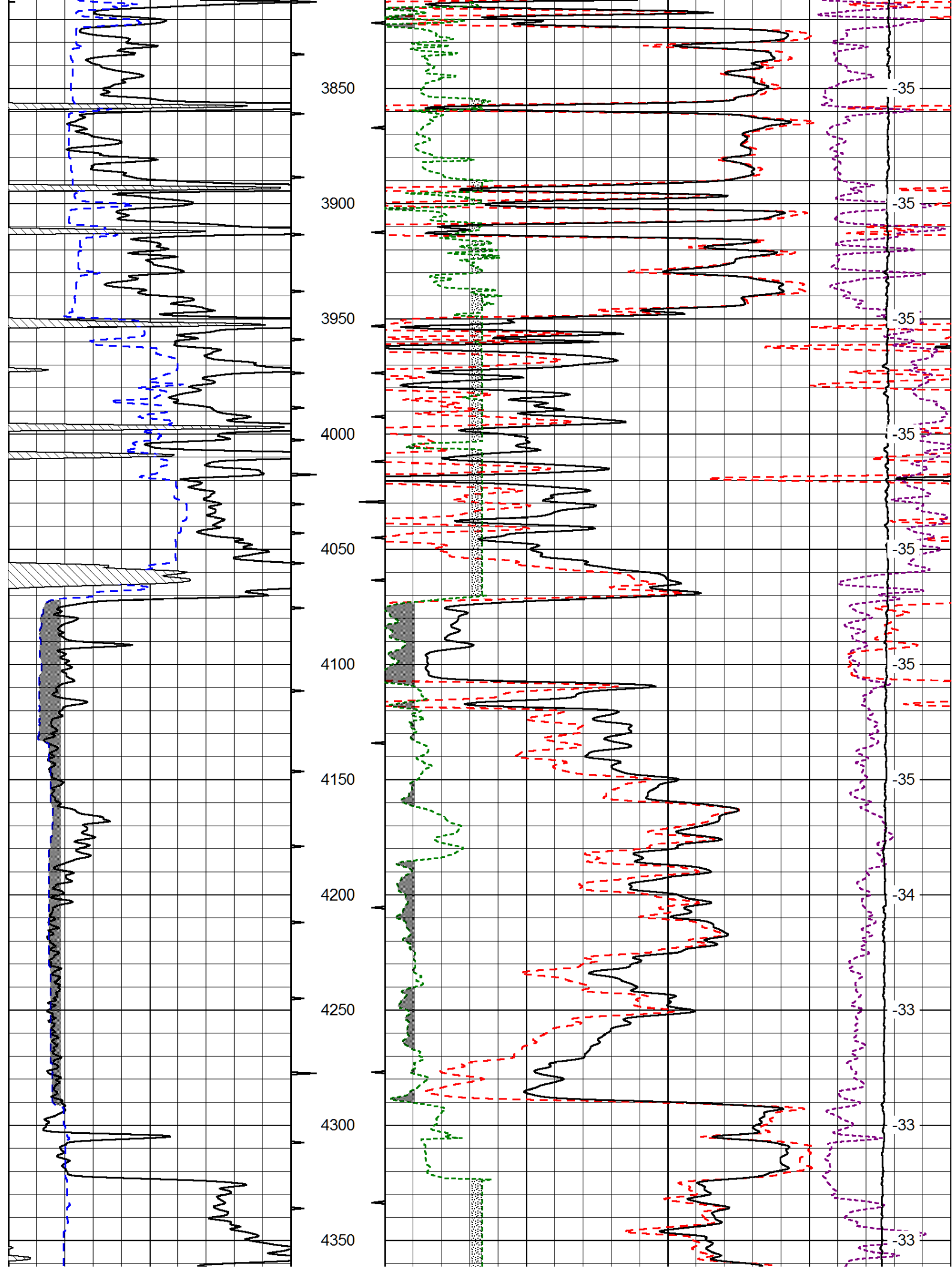
Thank you for using Log-Tech, Inc.
(785) 625-3858

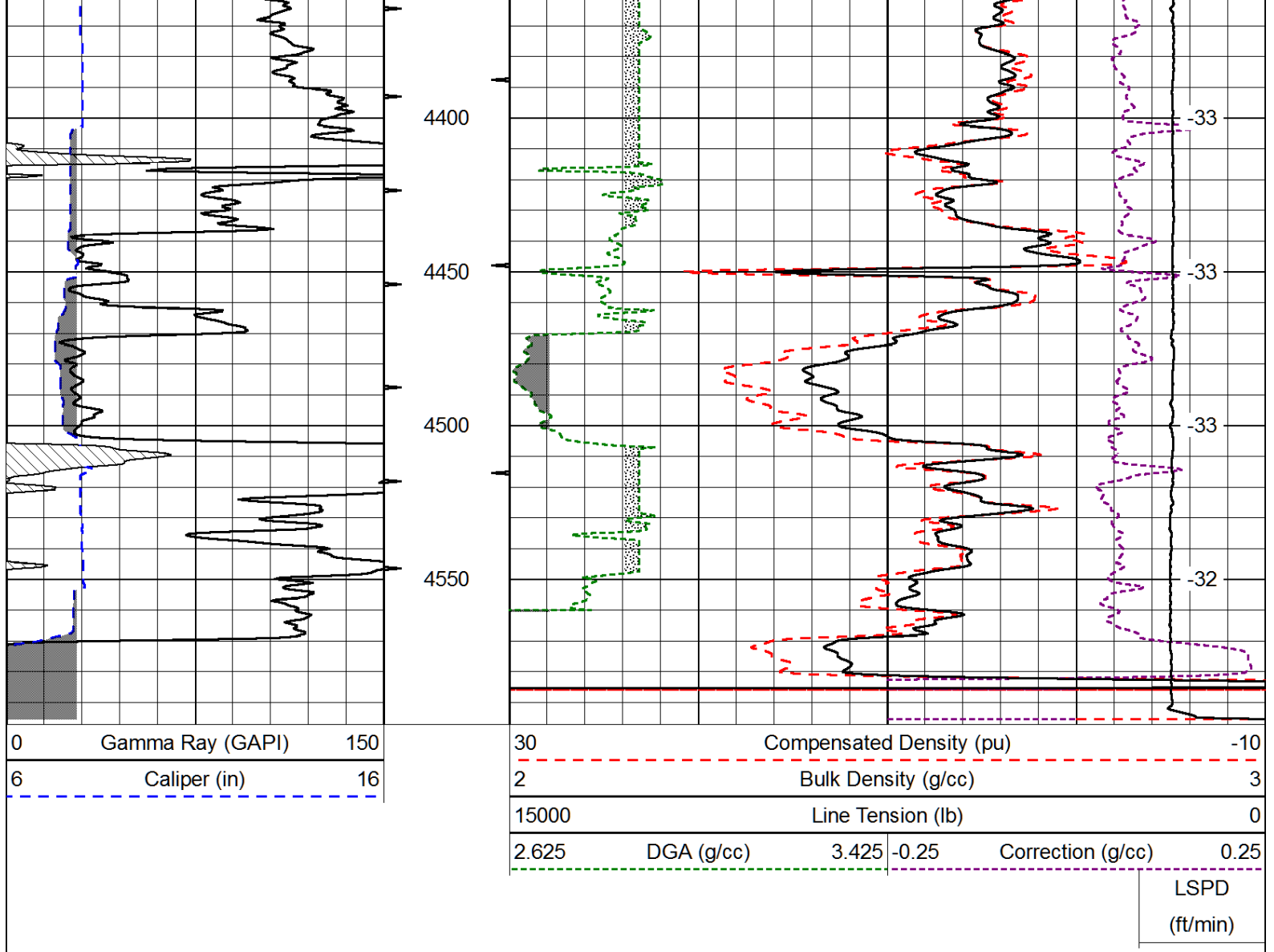
Kingman Kansas
East to 100 Rd, 9 1/2 South, 1 1/2 West, South Into

Database File: novy_ravenstein_2hd.db
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Presentation Format: cdl
Dataset Creation: Sun Mar 30 13:50:59 2014
Charted by: Depth in Feet scaled 1:600

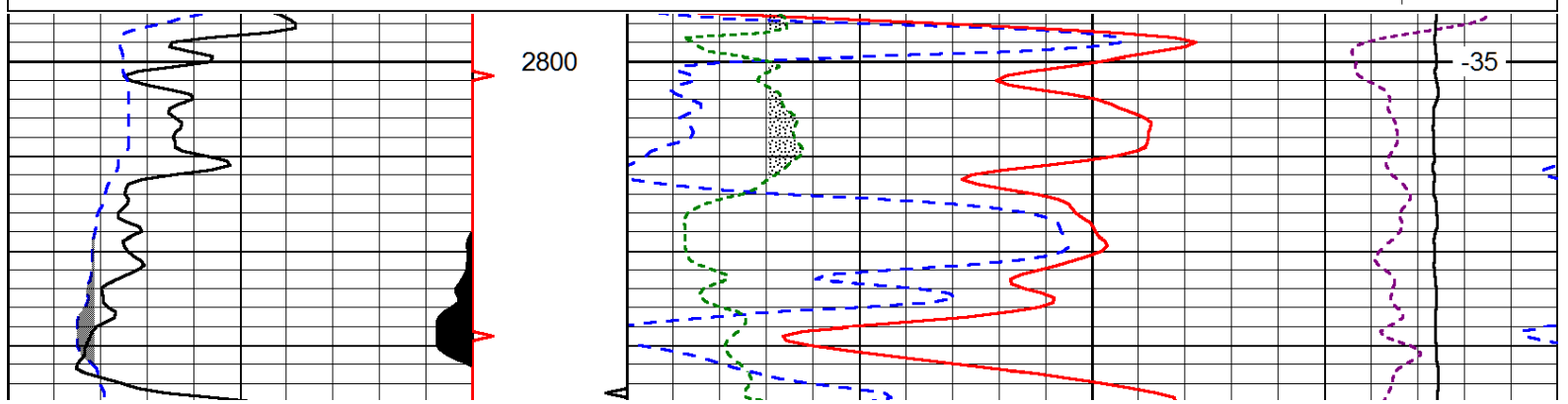
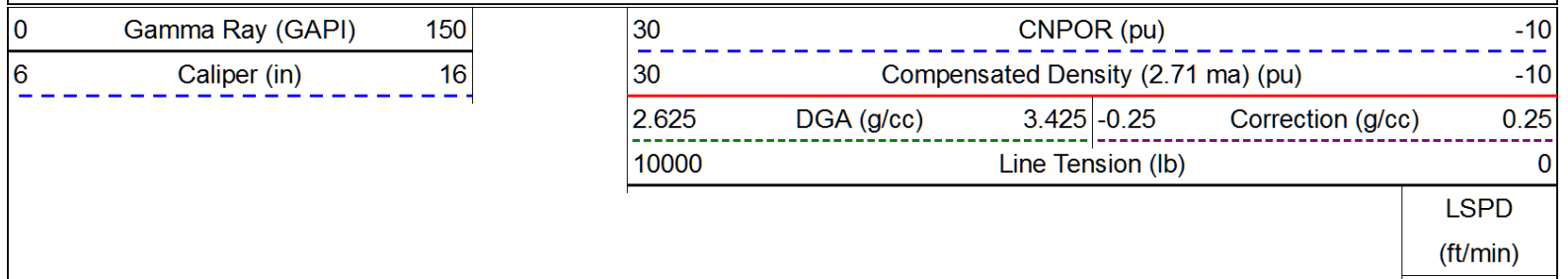


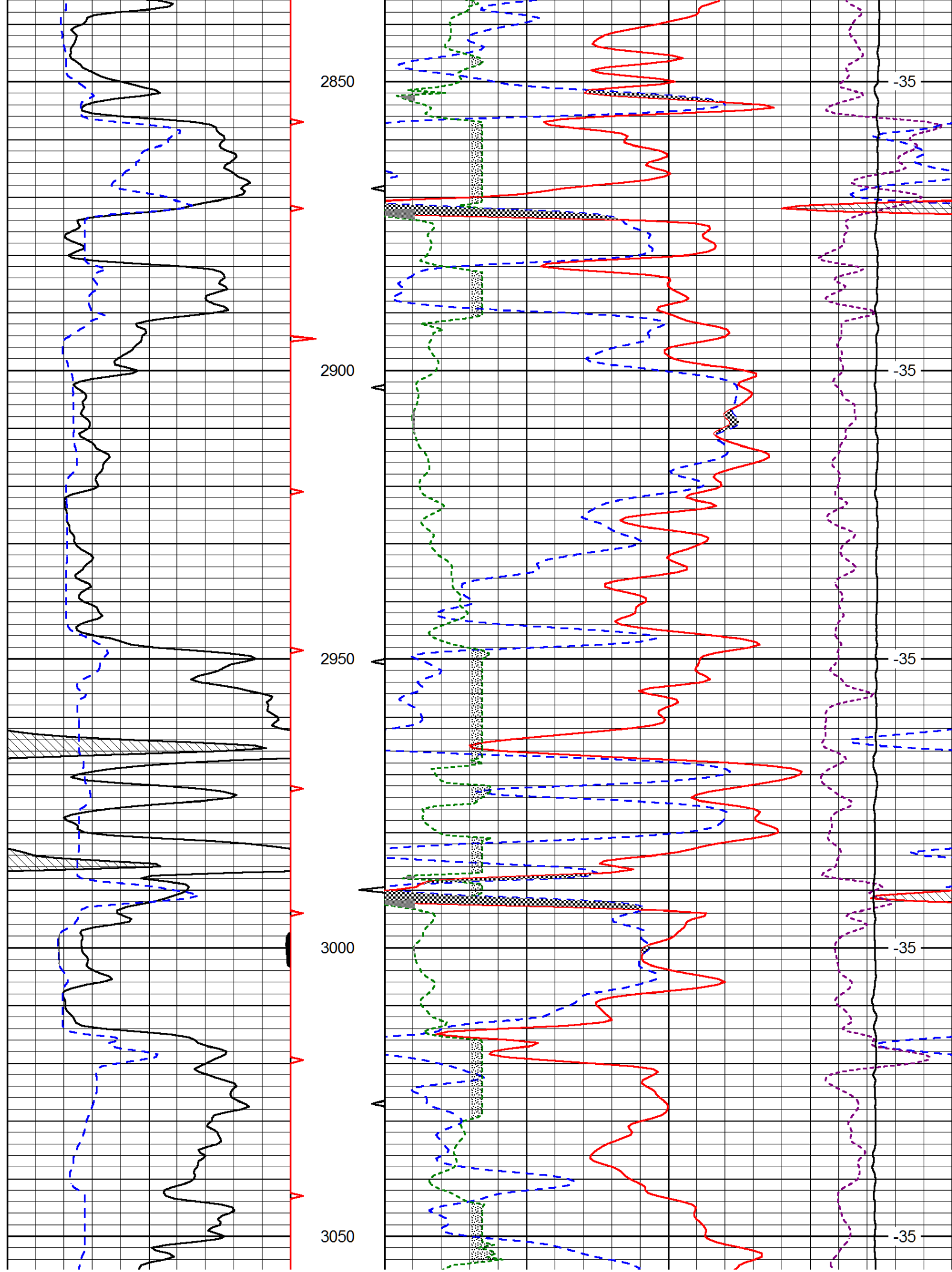


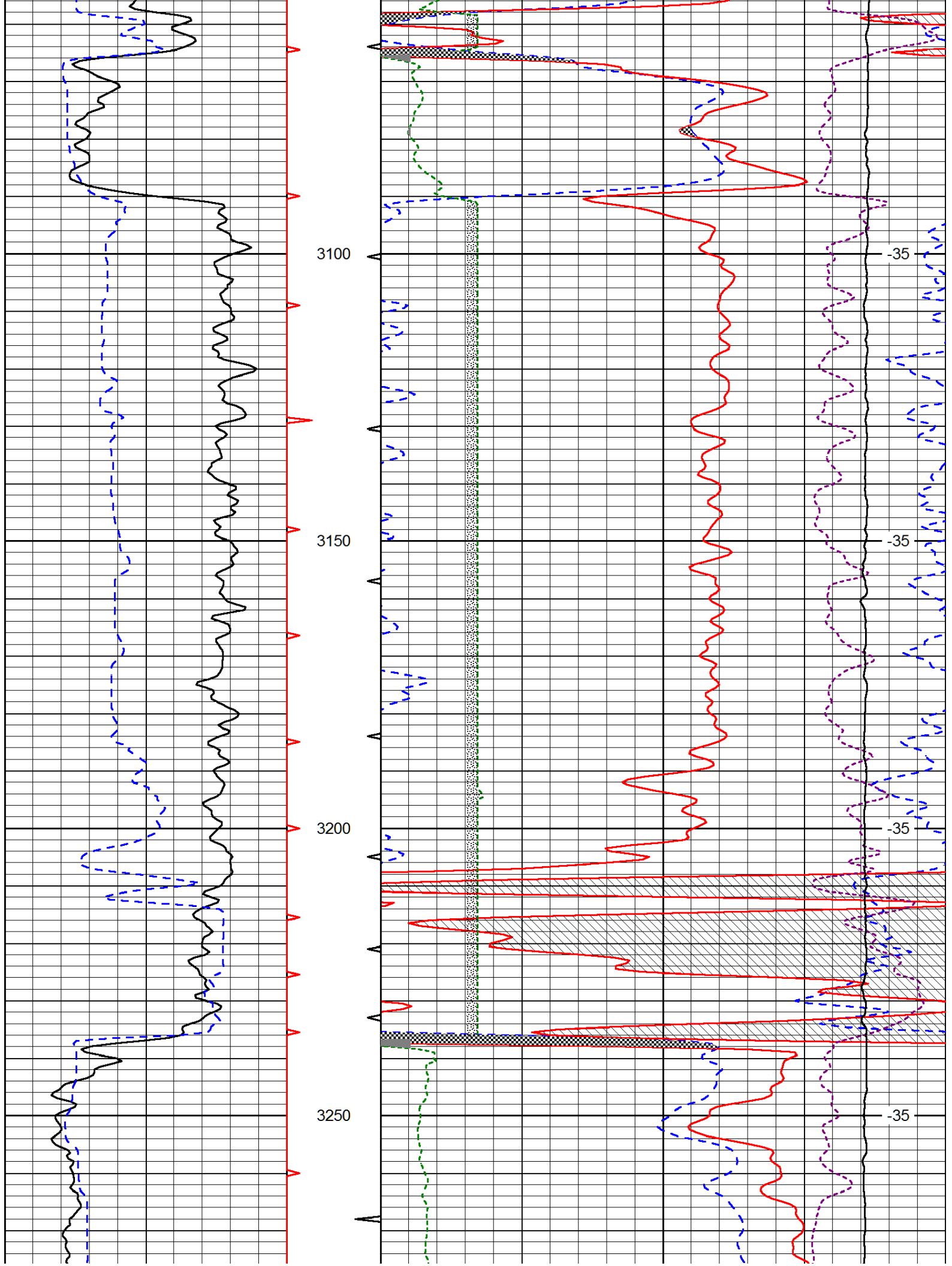


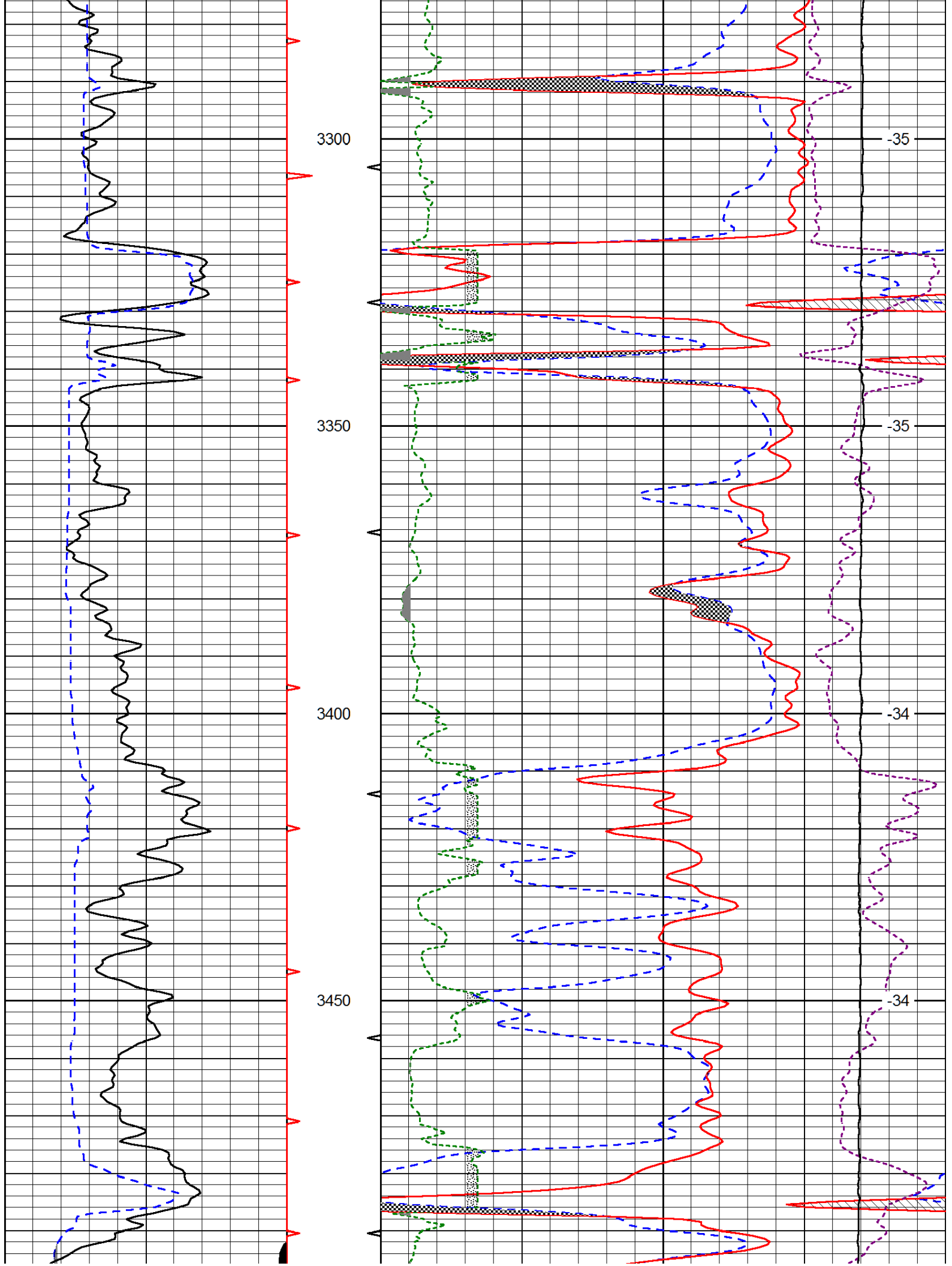


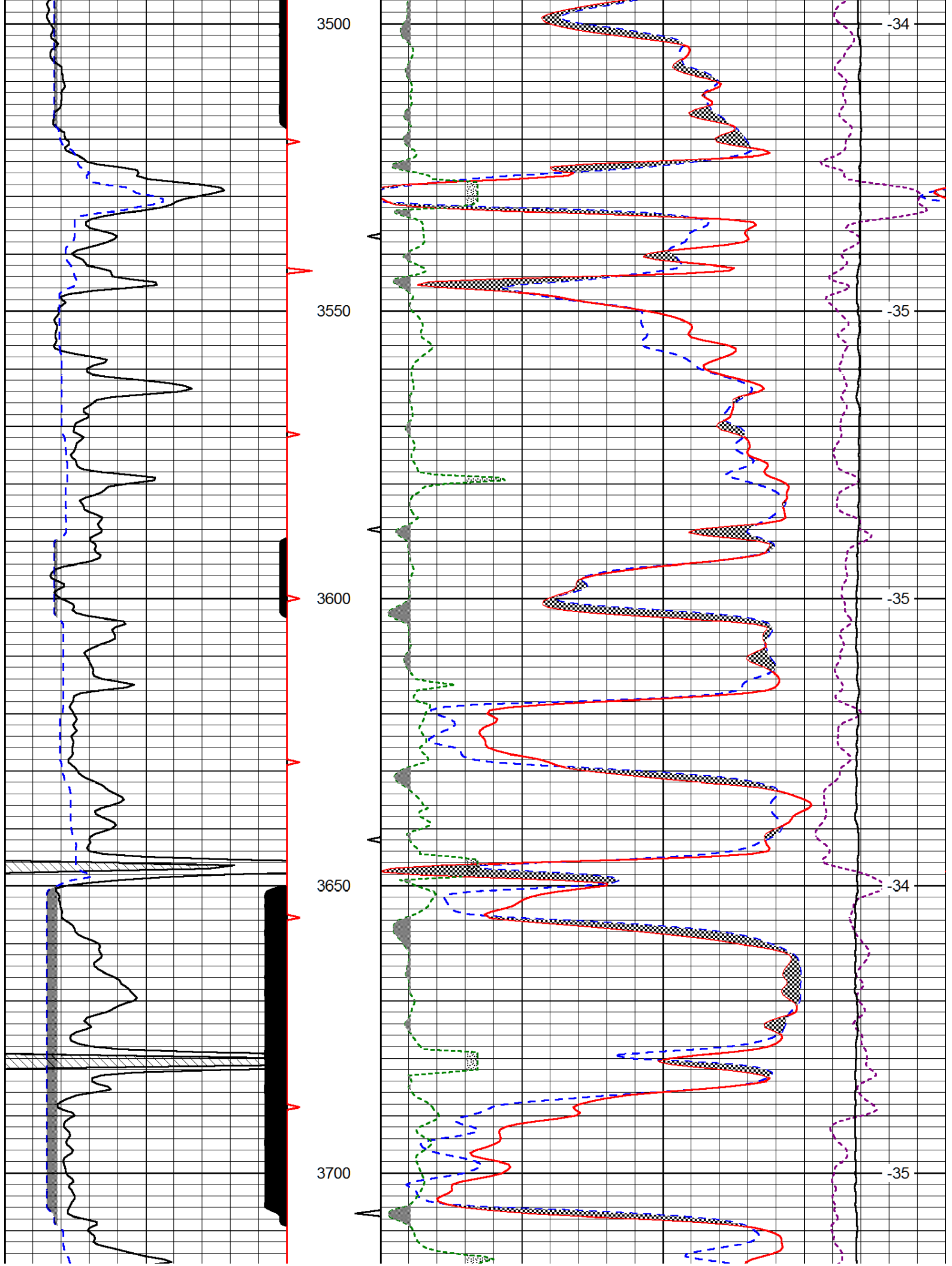
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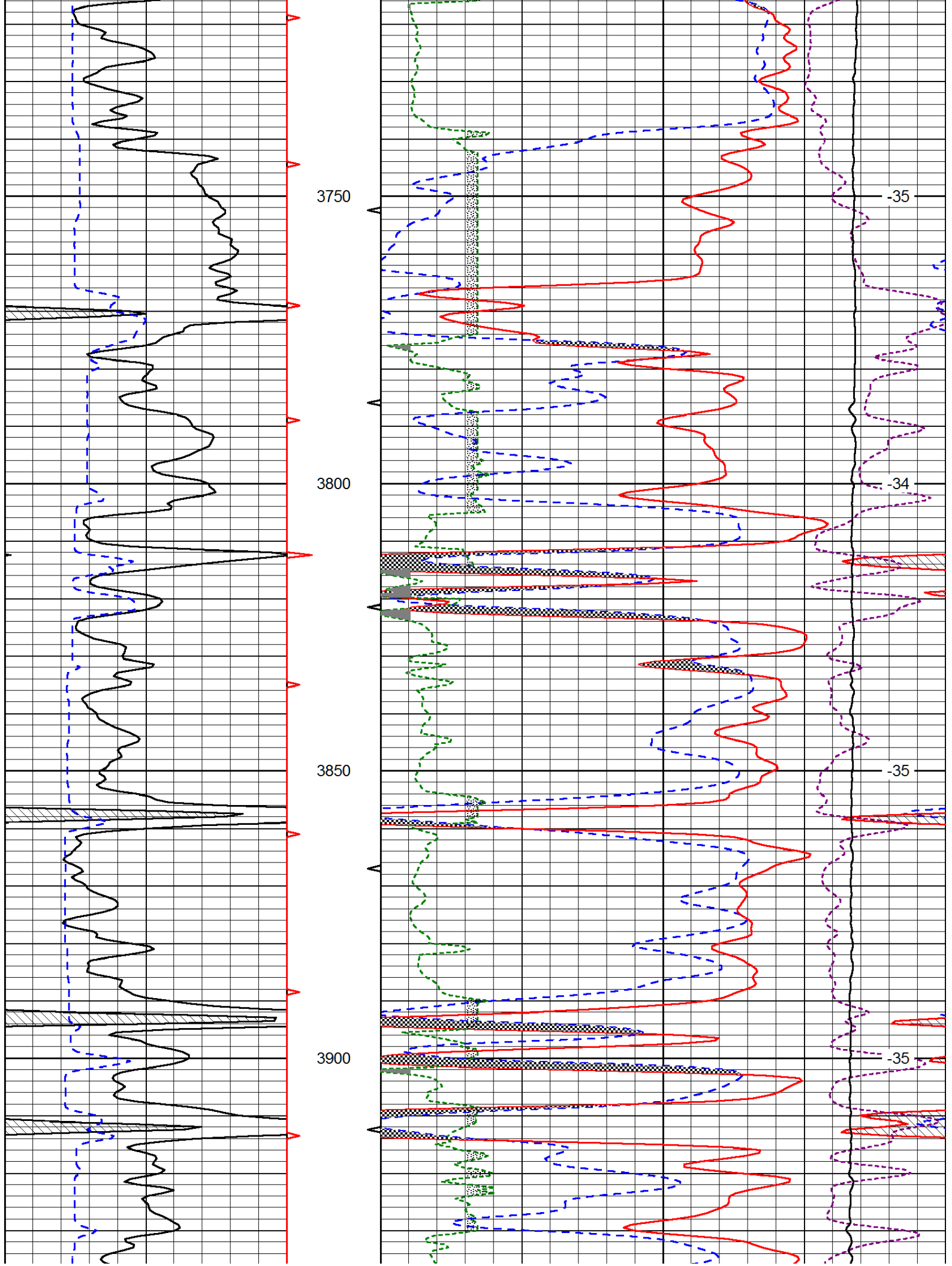


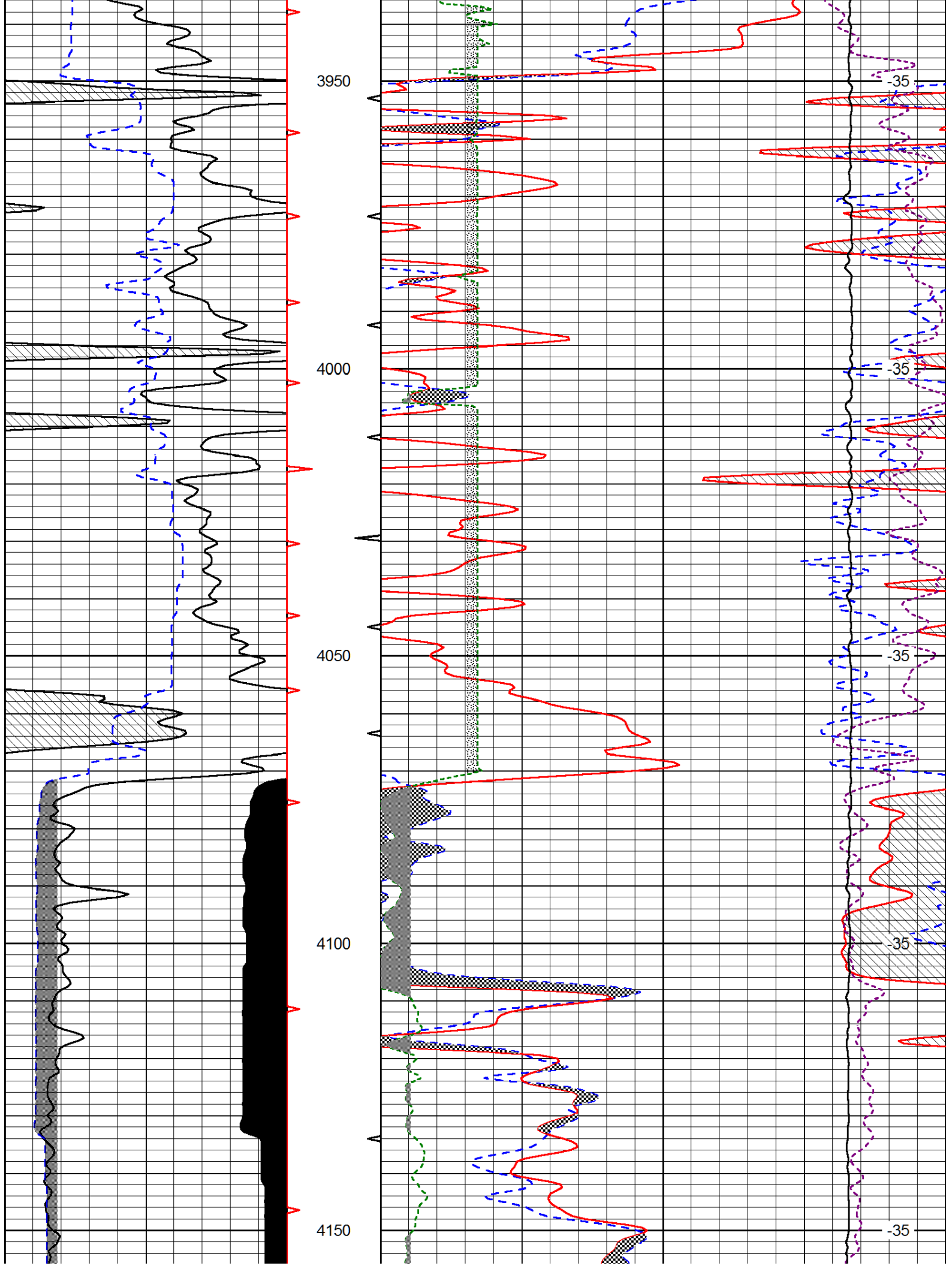


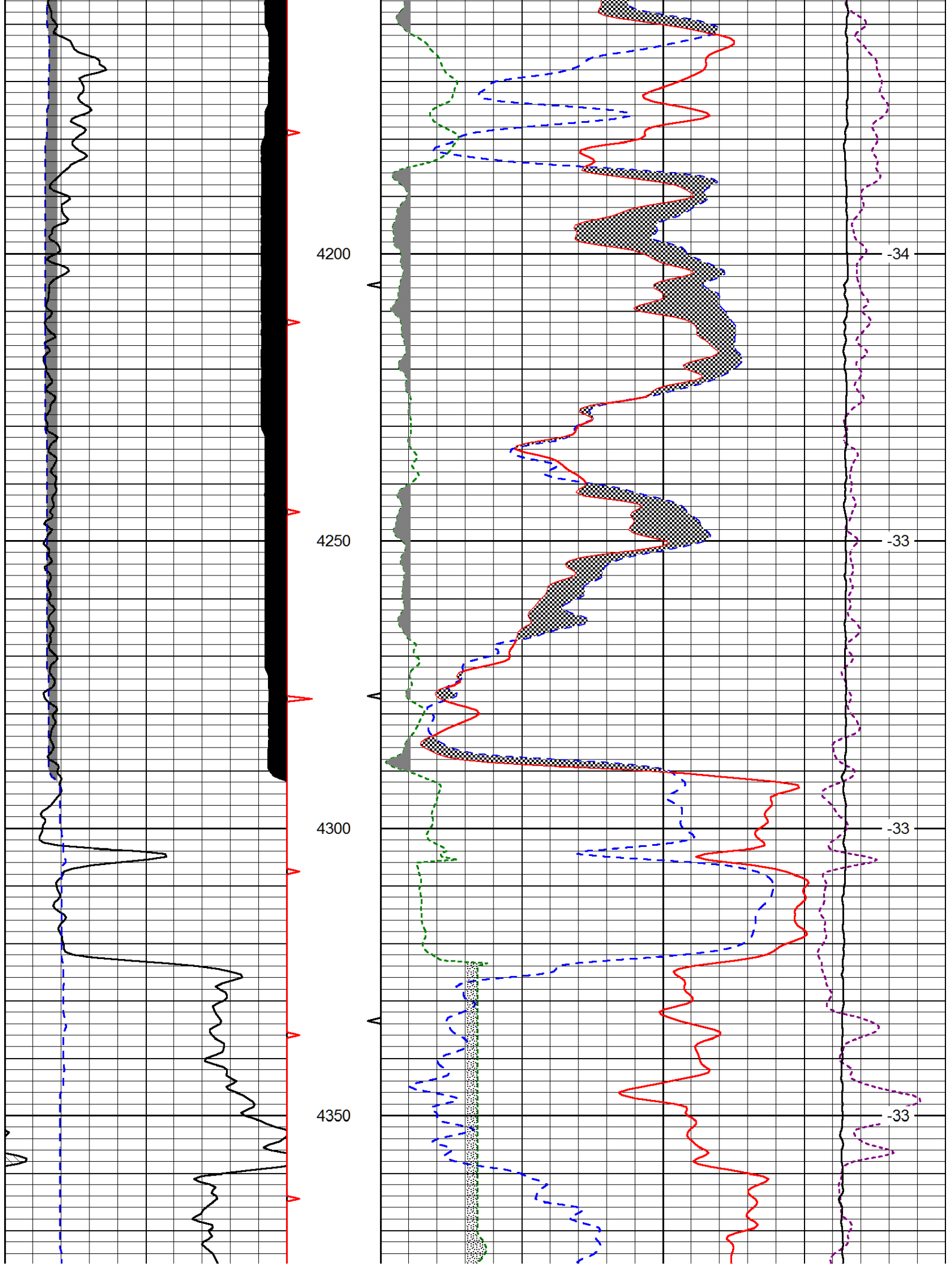


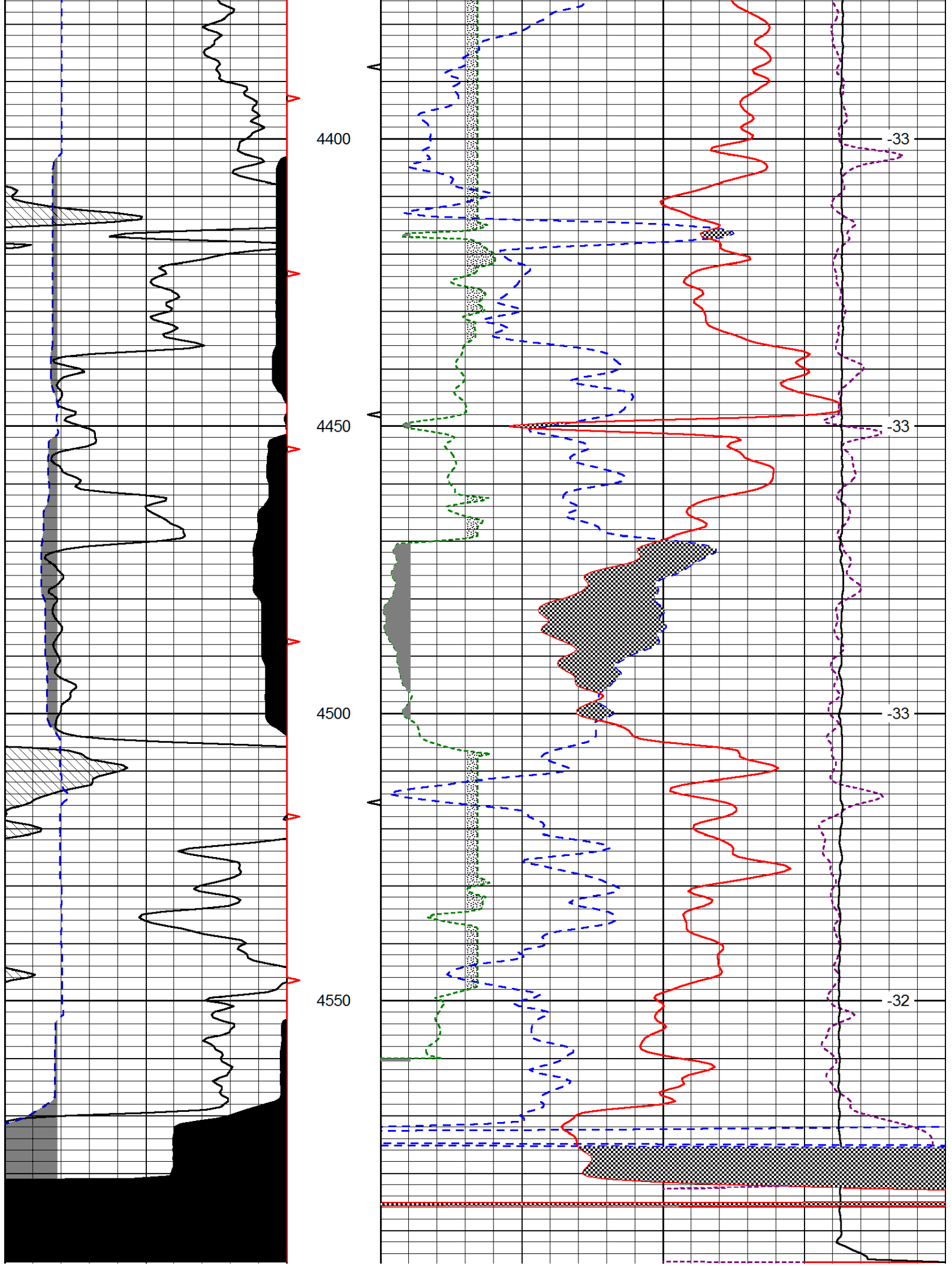












0	Gamma Ray (GAPI)	150	30	CNPOR (pu)			-10	
6	Caliper (in)	16	30	Compensated Density (2.71 ma) (pu)			-10	
			2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
			10000	Line Tension (lb)			0	
							LSPD (ft/min)	