



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-171-20966-00-00

Company H & B Petroleum Corp.

Well Daubert #1

Field Wildcat

County Scott

State Kansas

Location 990' FNL & 2310' FEL

Other Services
DIL/MEL

Sec: 5 Twp: 19 S Rge: 31 W

Permanent Datum Ground Level Elevation 2973
Log Measured From Kelly Bushing 12 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2985
D.F. 2973
G.L. 2973

Date 08-16-2013

Run Number One

Type Log CNL / CDL

Depth Driller 4700

Depth Logger 4702

Bottom Logged Interval 4681

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 2600

Density 9.1

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 4 Hours

Equipment -- Location 91 Days

Recorded By Y. Ruiz

Witnessed By D. Schmidt

Witnessed By Kurt Talbott

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

One 12.25 00 347 8.625 23# 00 347

Two 7.875 347 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.

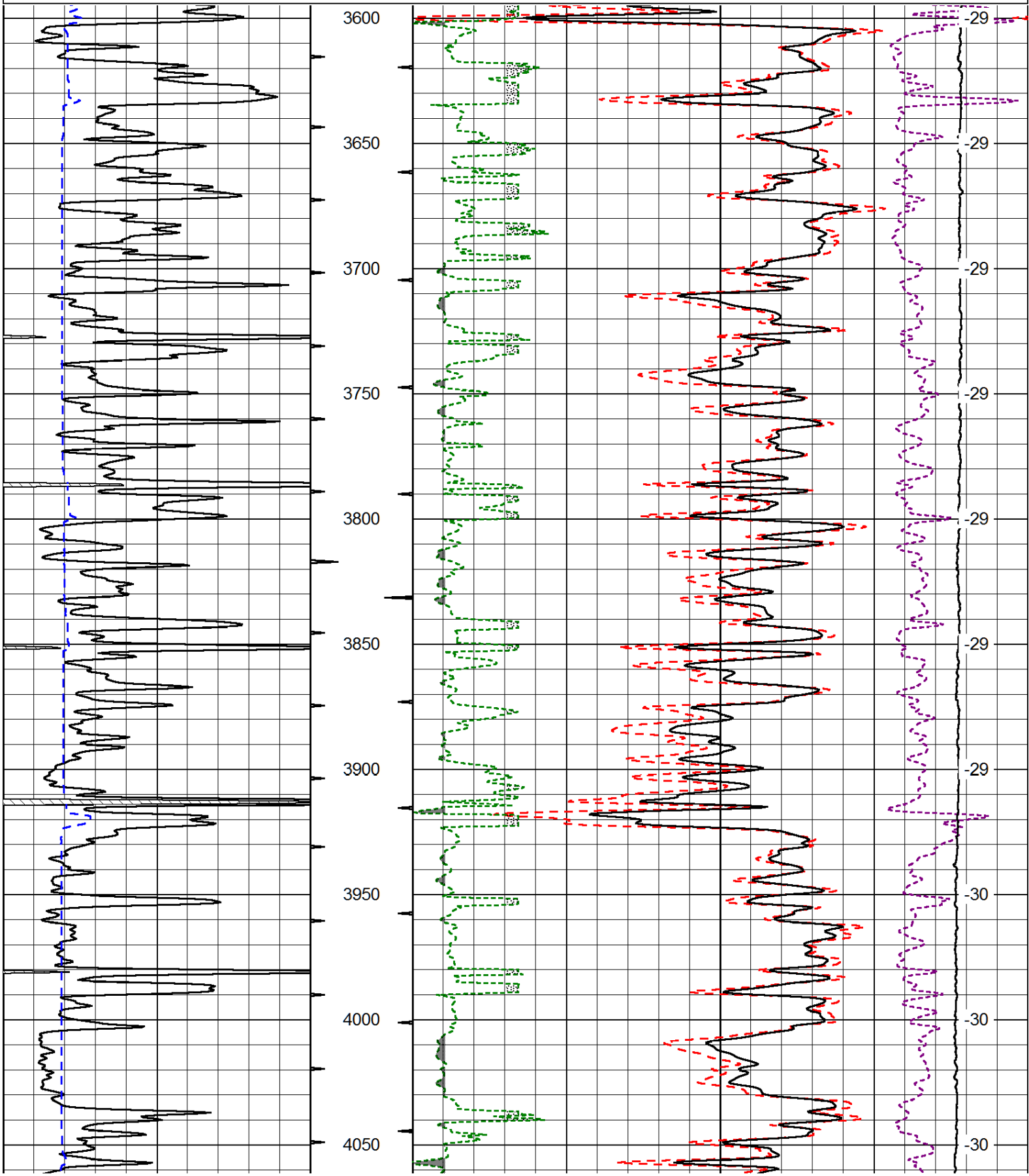
Comments

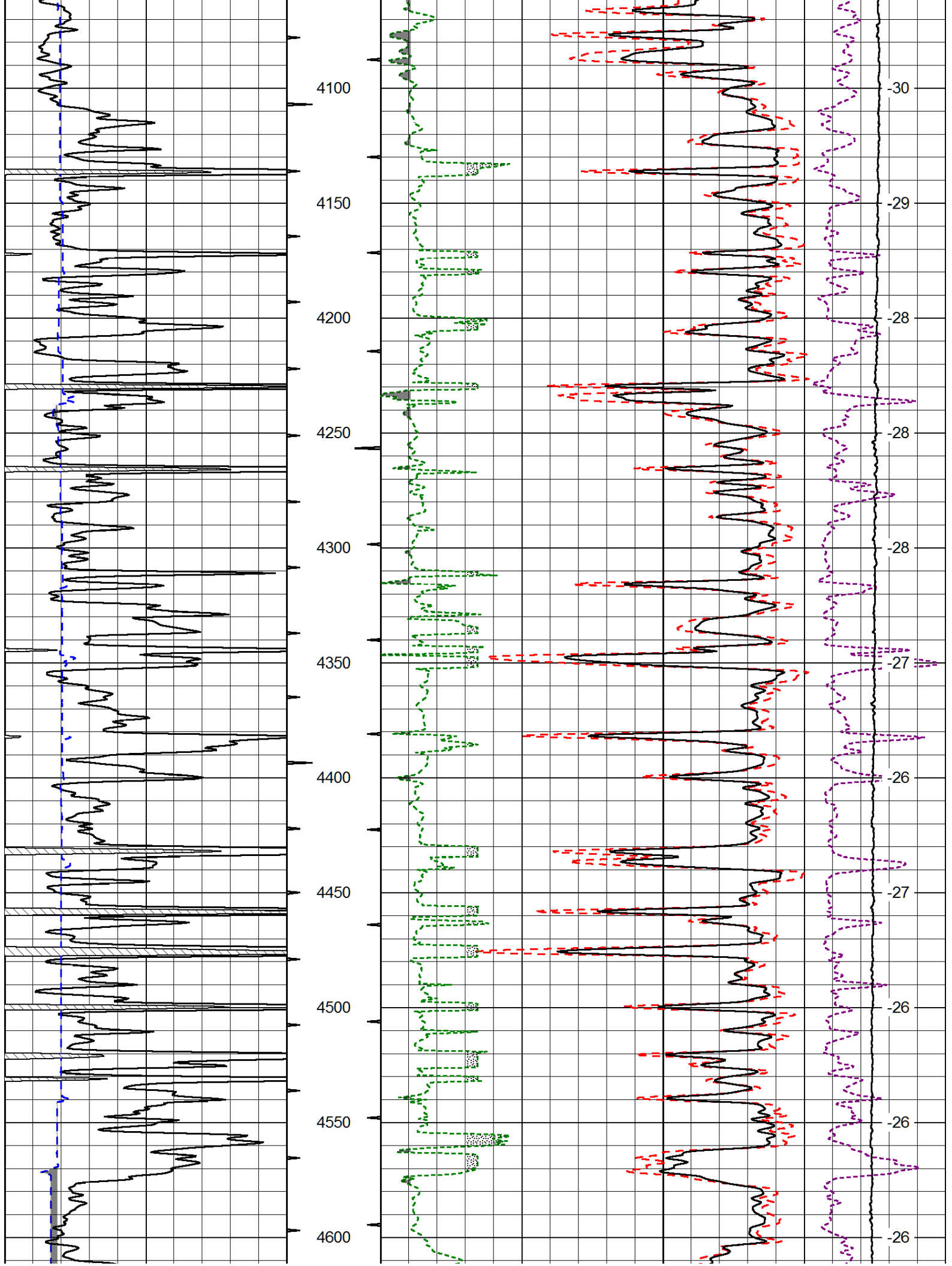
Thank you for using Log-Tech, Inc.
(785) 625-3858

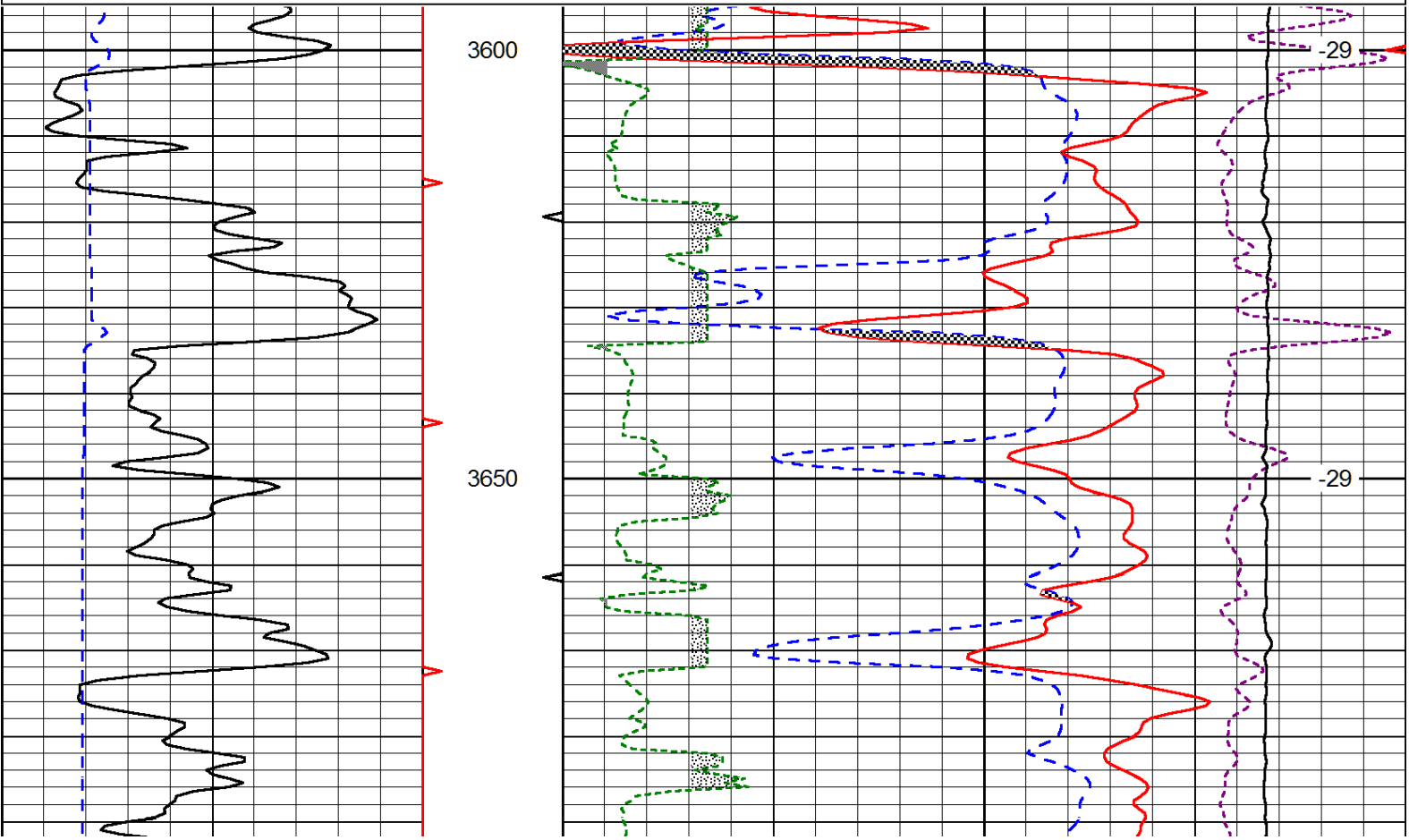
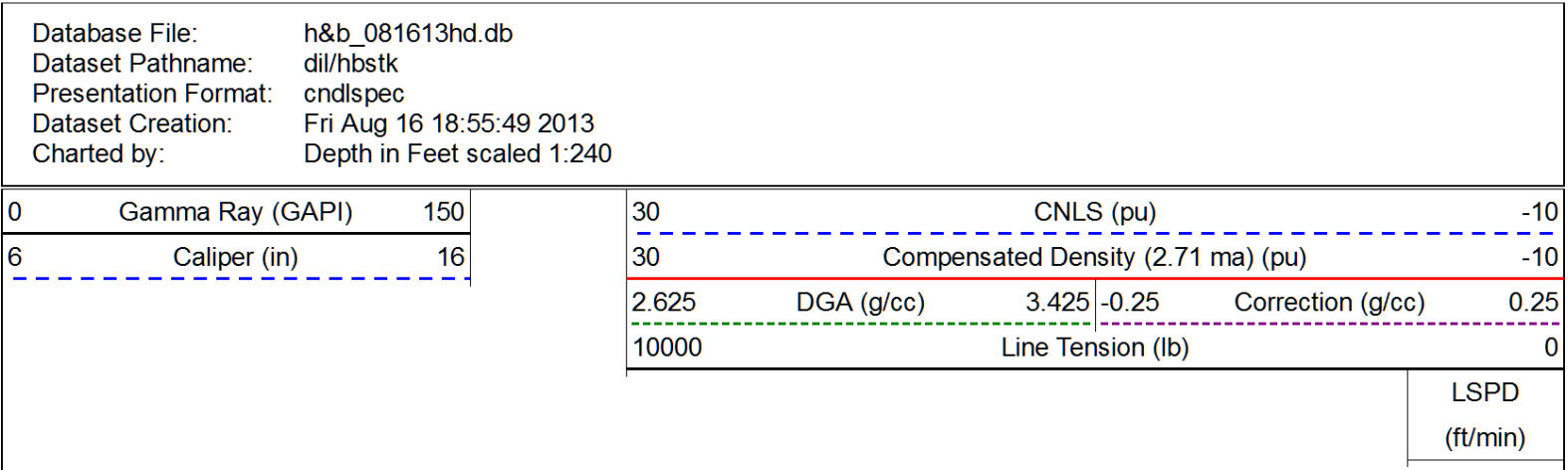
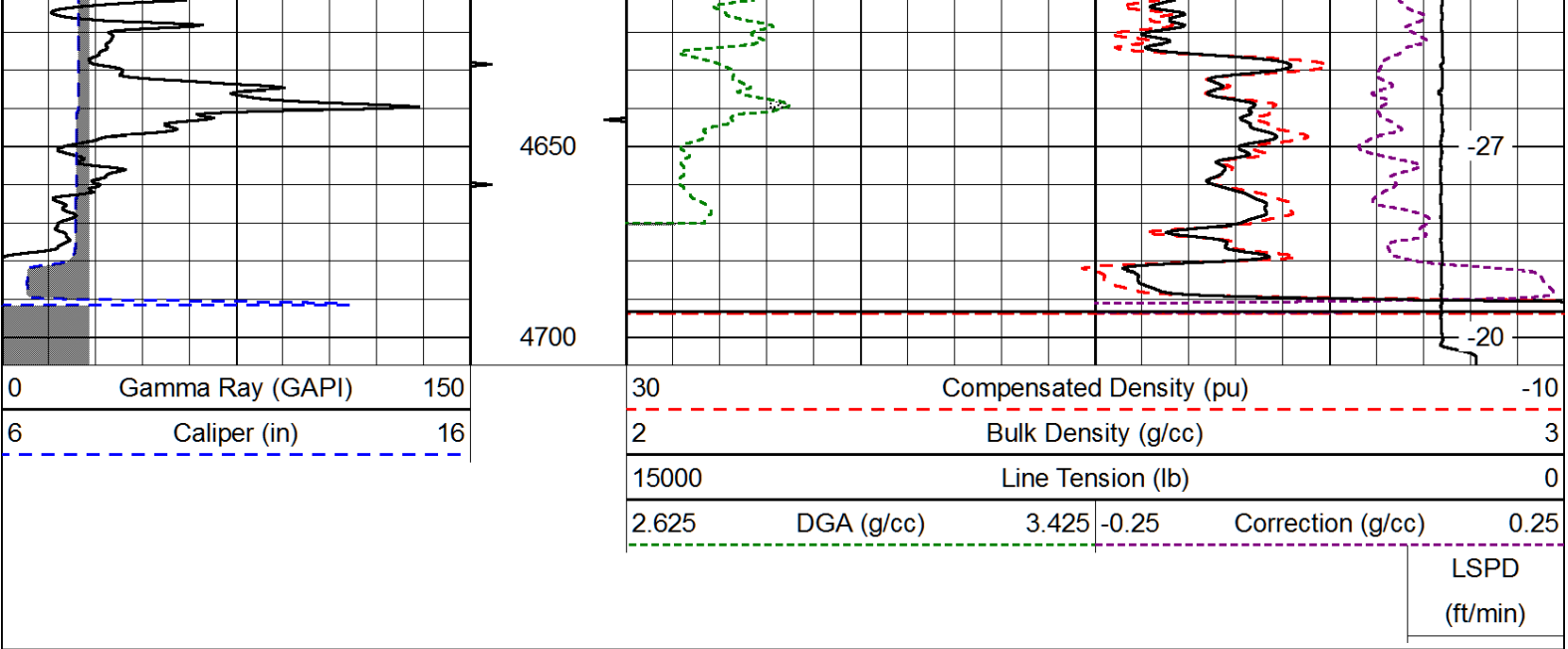
Scott City,
East to Taos Rd, 3 1/4 South,
West into

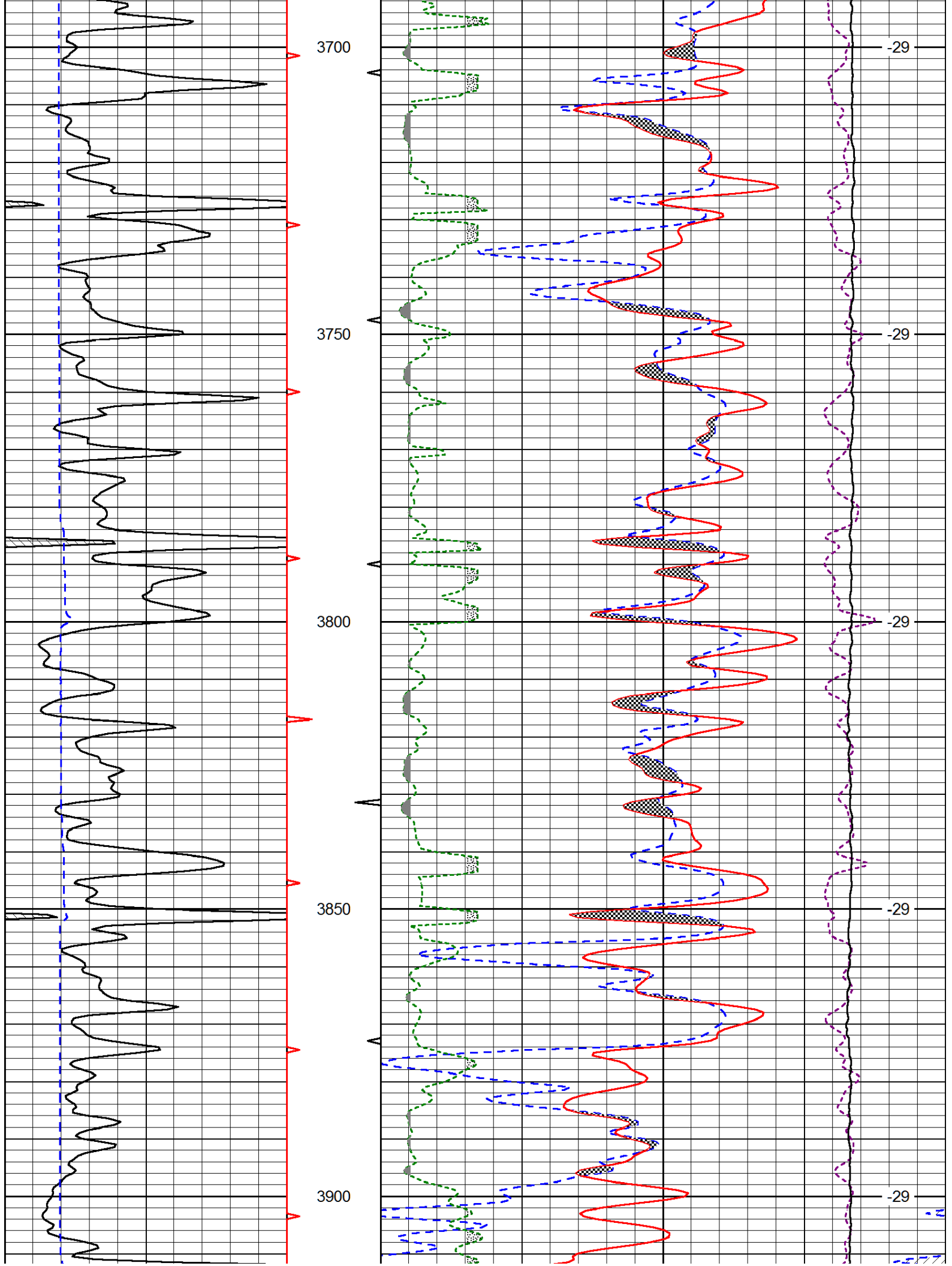
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

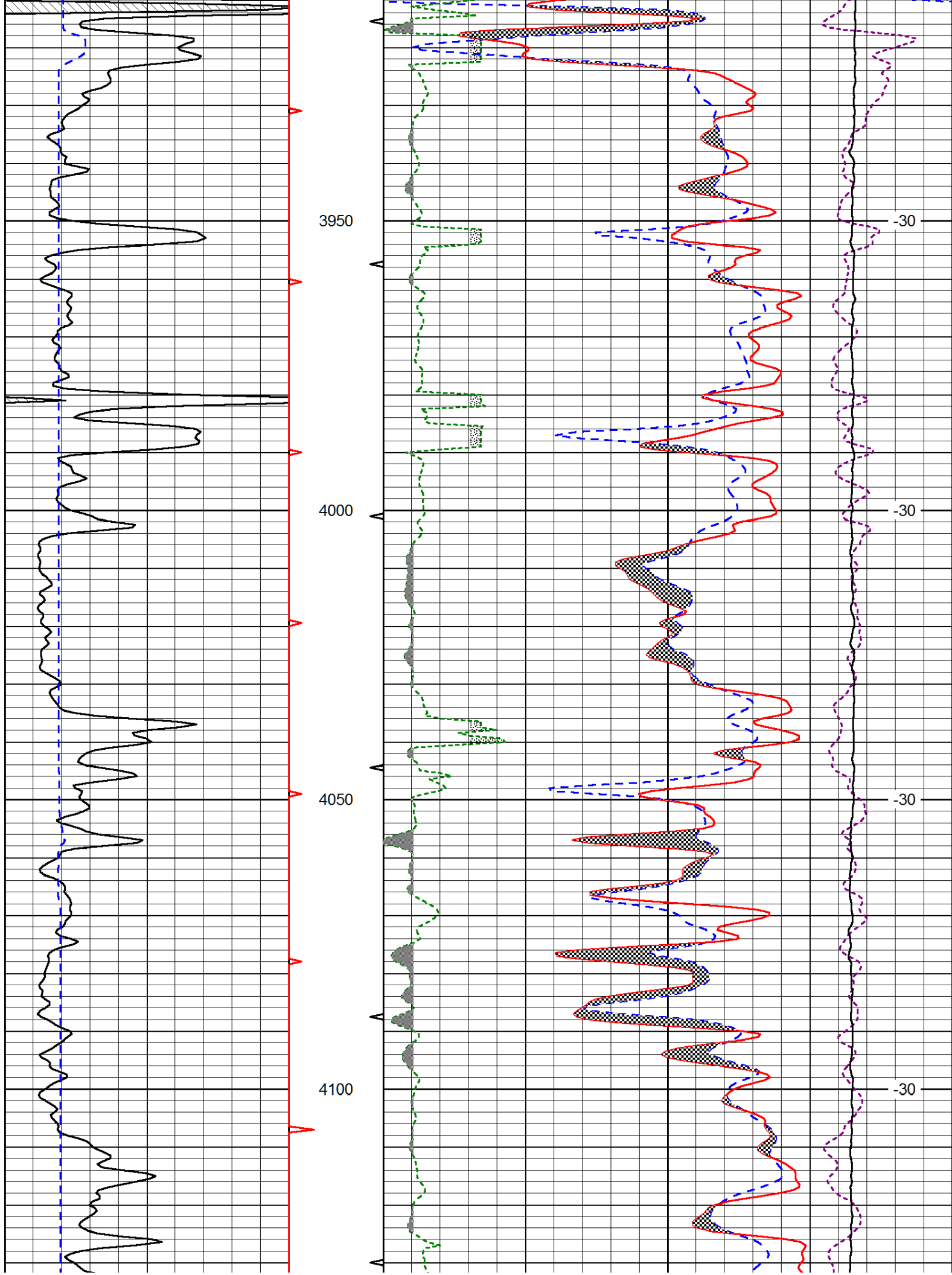
30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
2.625	DGA (g/cc)	3.425	-0.25
	Correction (g/cc)		0.25
	LSPD		(ft/min)

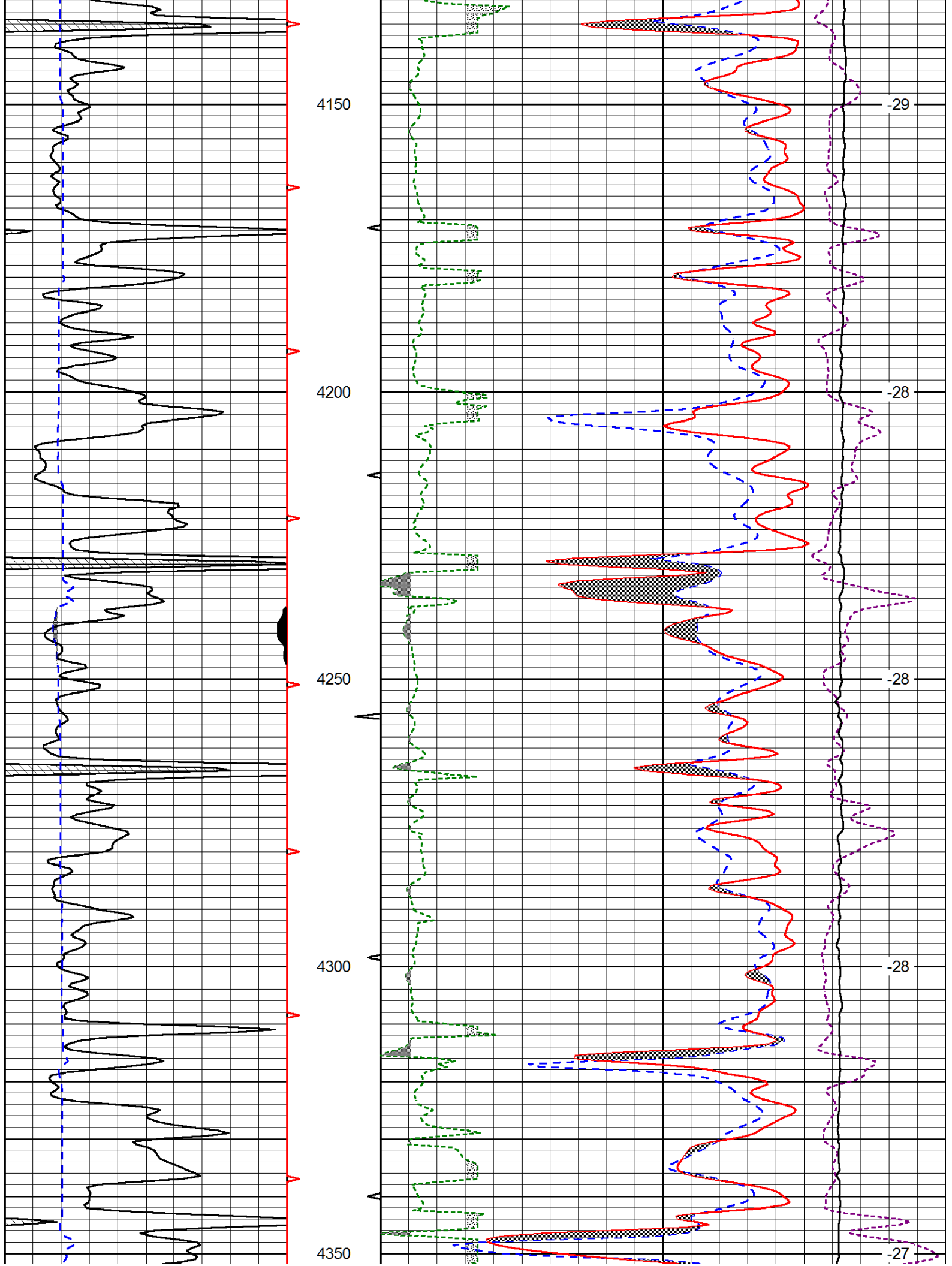


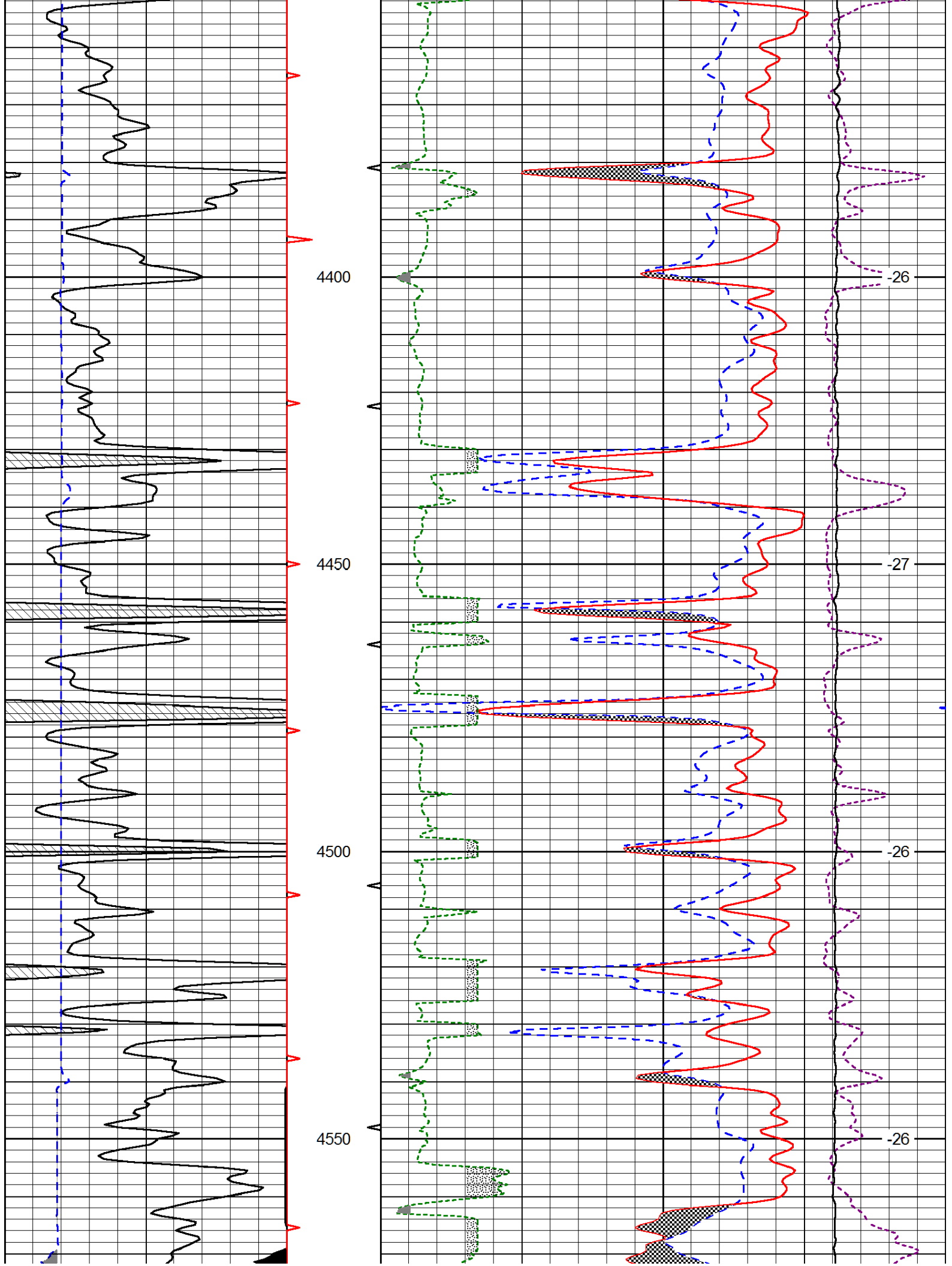


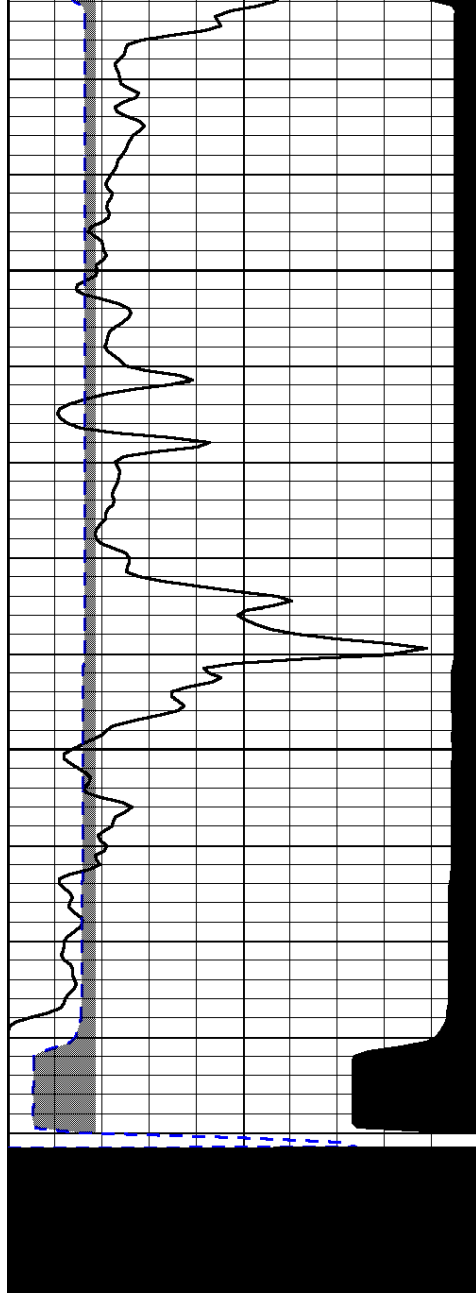




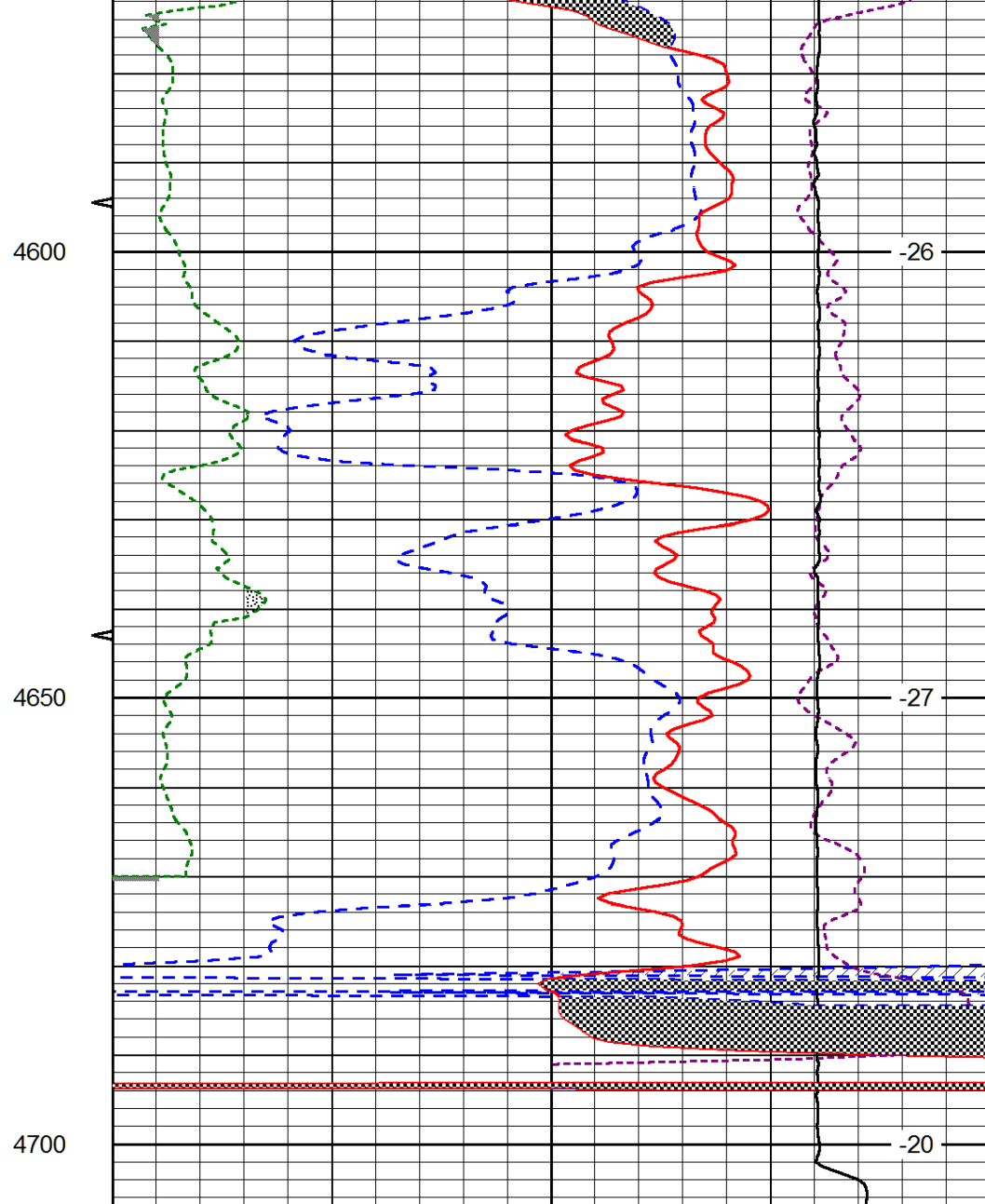








0	Gamma Ray (GAPI)	150
6	Caliper (in)	16



30	CNLS (pu)				-10
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)