



Pioneer Energy Services

Dual Compensated Porosity Log

API No. 15-083-21889-00-00
Company Berexco, LLC
Well Bradford #1-29
Field Lappin
County Hodgeman
Location 400' FSL & 660' FEL
State Kansas
Other Services DIL/MEI

Permanent Datum Ground Level Elevation 2422
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing
Date 7/7/2013
Run Number One
Type Log CNL / CDL
Depth Driller 4864
Depth Logger 4865
Bottom Logged Interval 4844
Top Logged Interval 3600
Type Fluid In Hole Chemical
Salinity, PPM CL 6000
Density 9.2
Level Full
Max. Rec. Temp. F 127
Operating Rig Time 4 Hours
Equipment -- Location 91 Hays
Recorded By D. Schmidt
Witnessed By David Gould

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt. 23#	From	To
One	12.25	00	252	8.625		00	252
Two	7.875	252	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

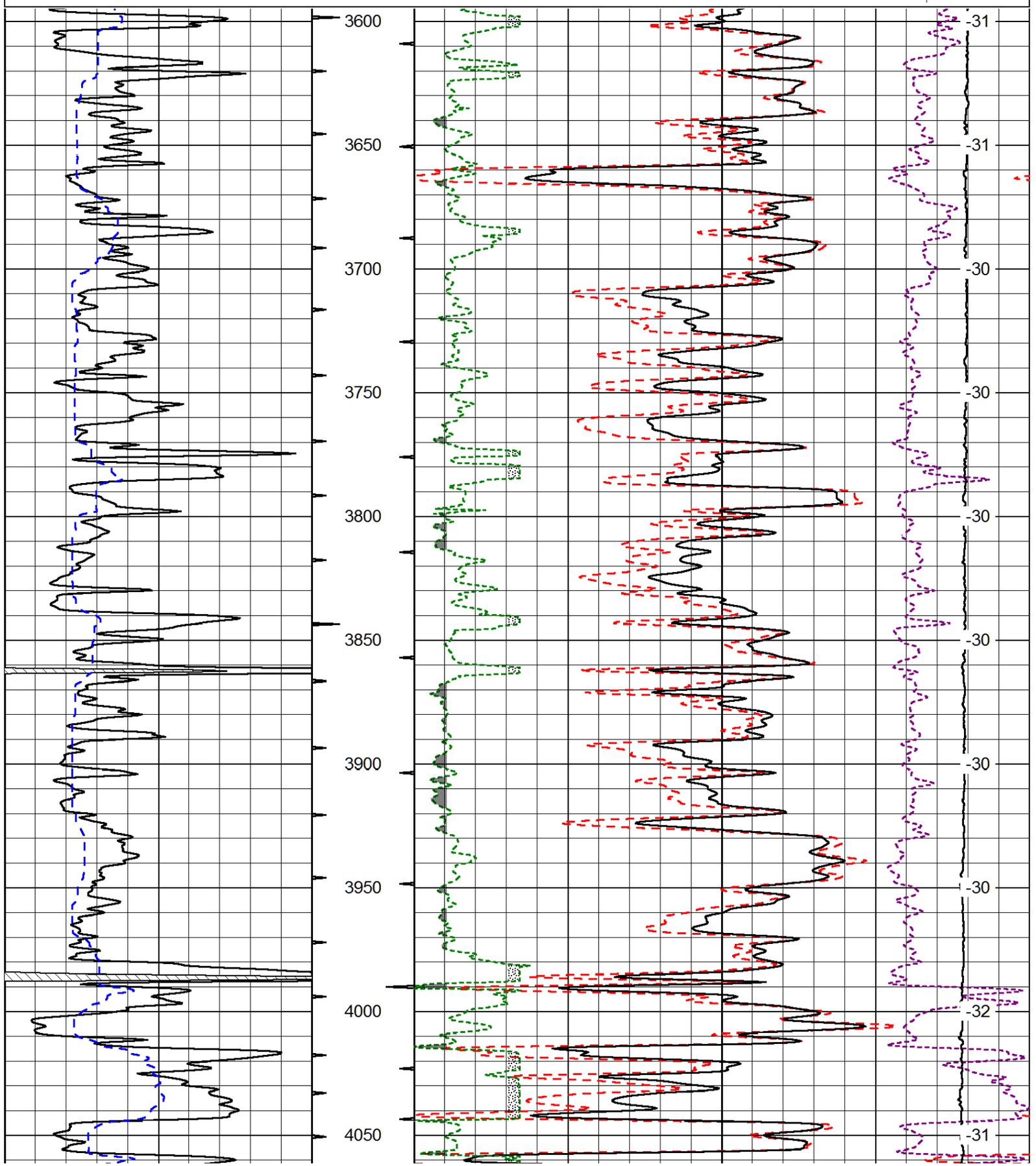
 Thank you for using Log-Tech, Inc.
 (785) 625-3858

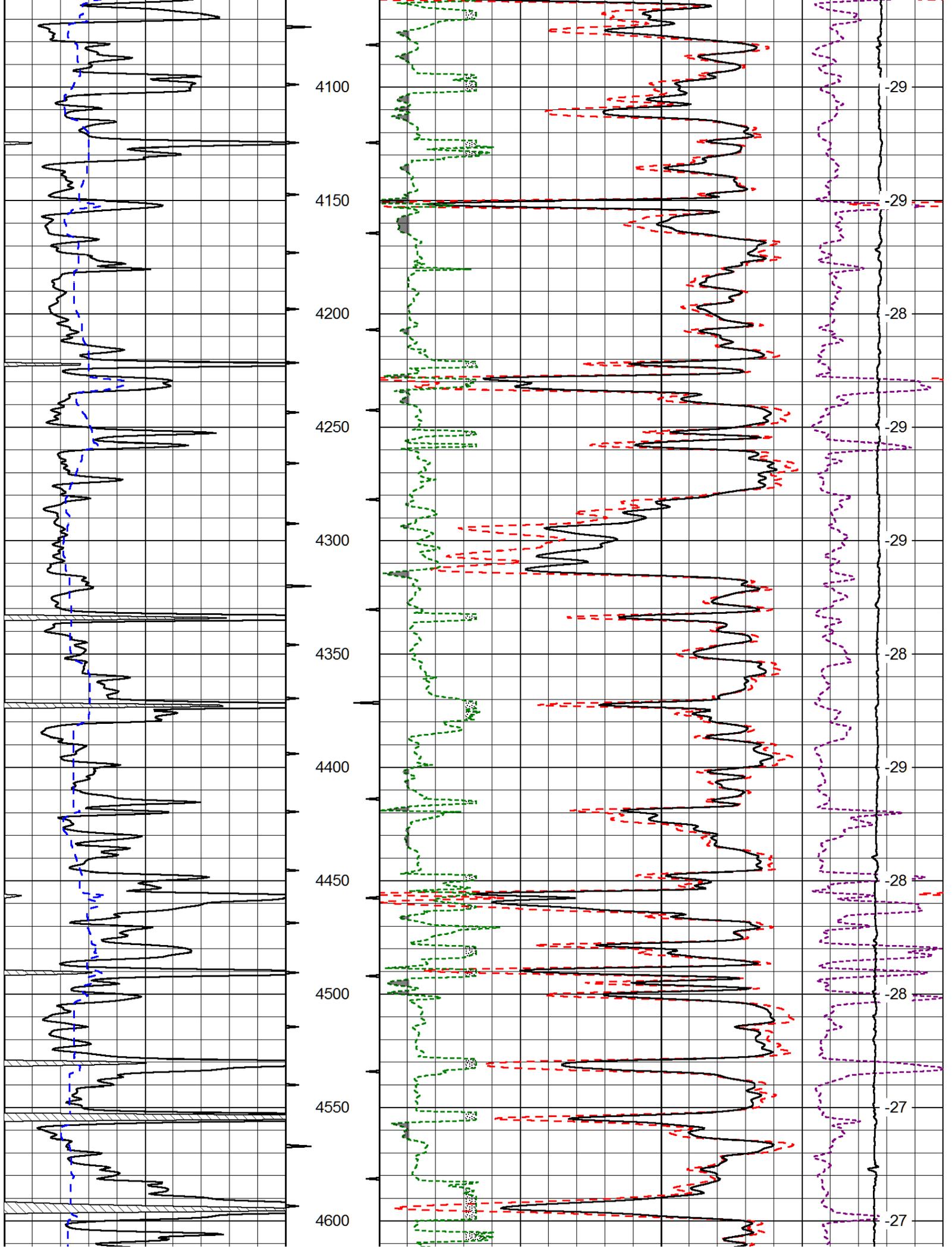
 Jetmore,
 6 South to G Rd, 1 East, 1 North, 3/4 East,
 North into

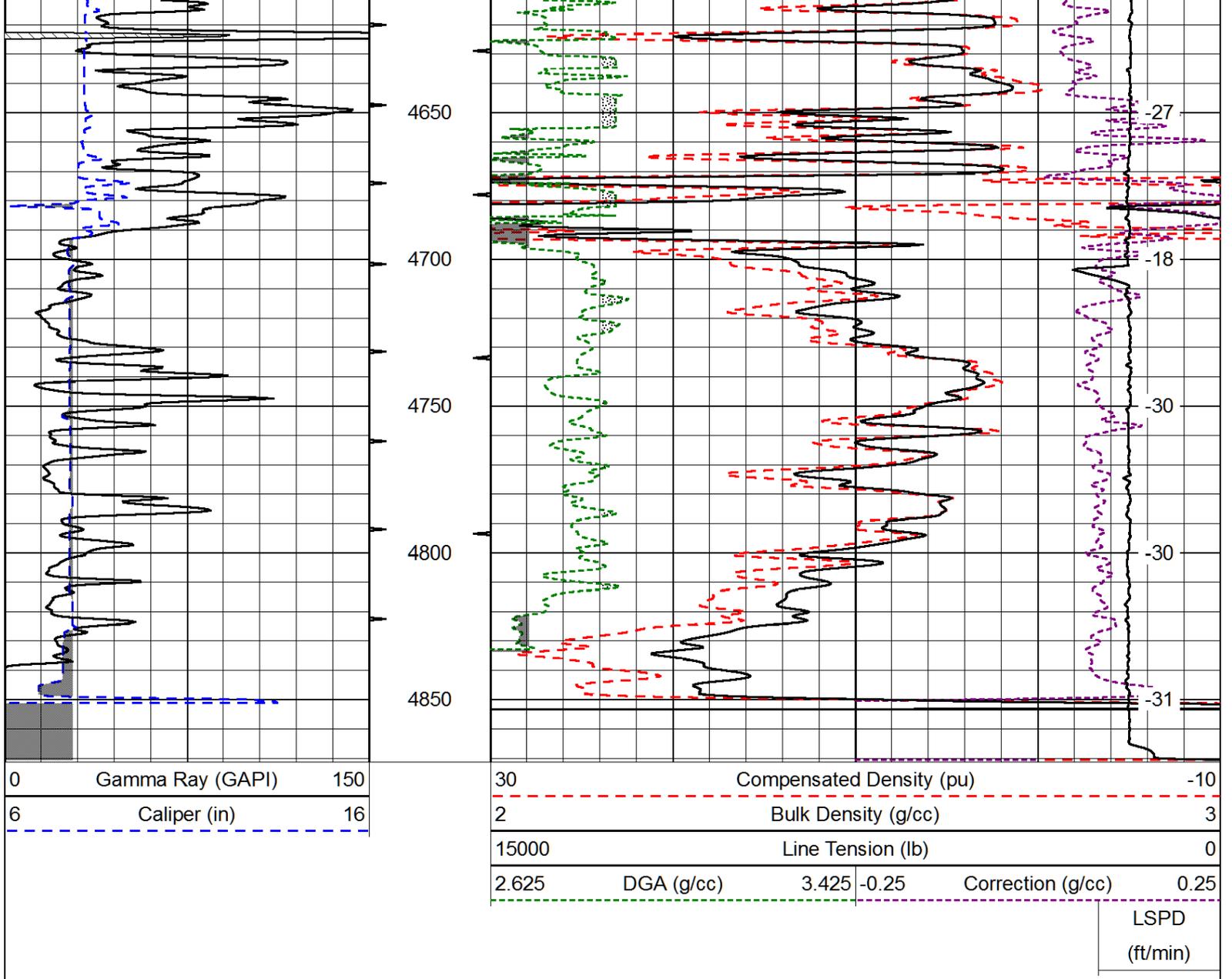
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

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

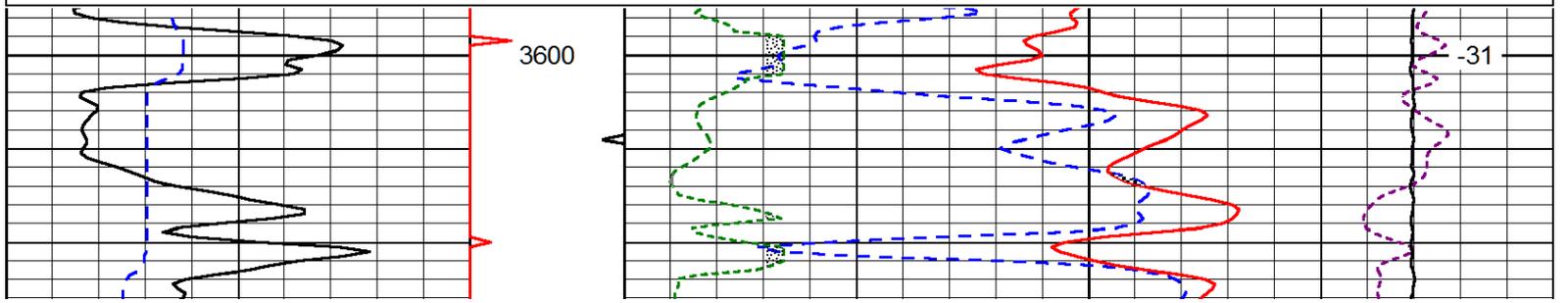
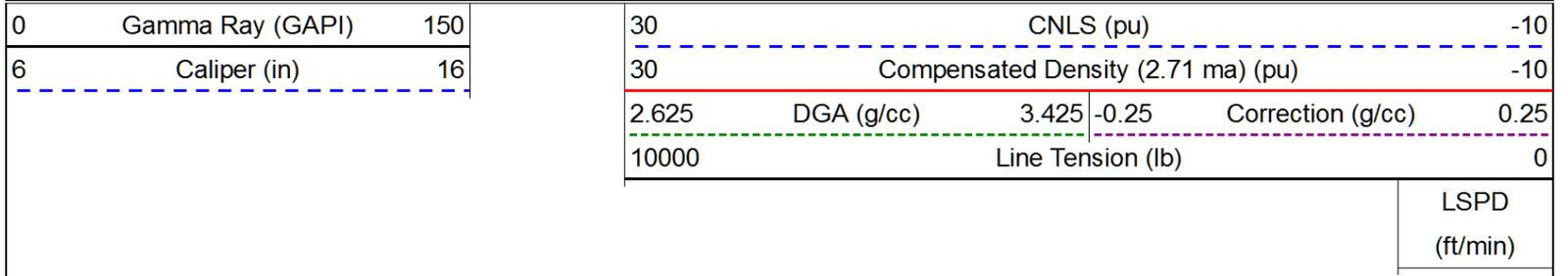
LSPD
(ft/min)

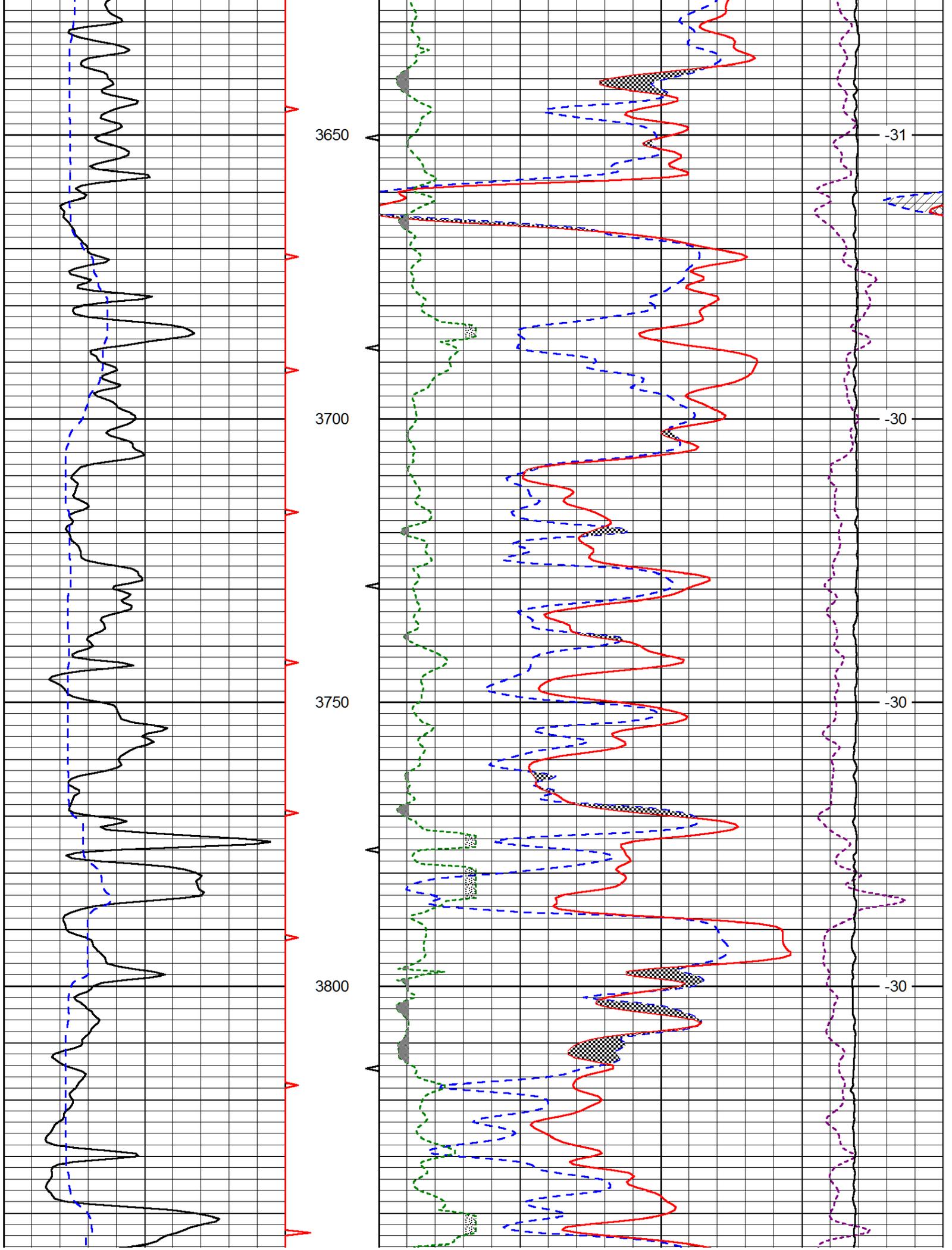


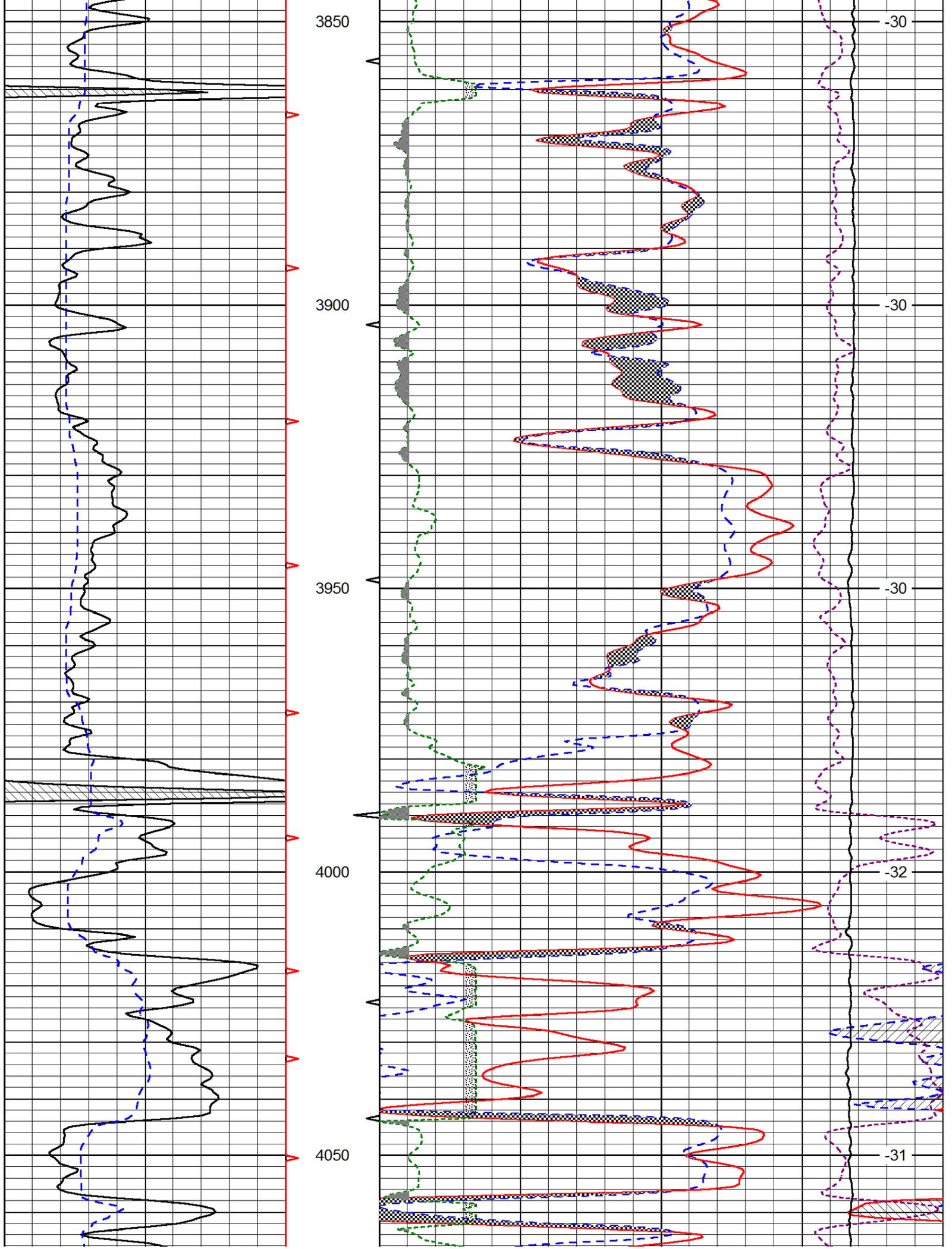


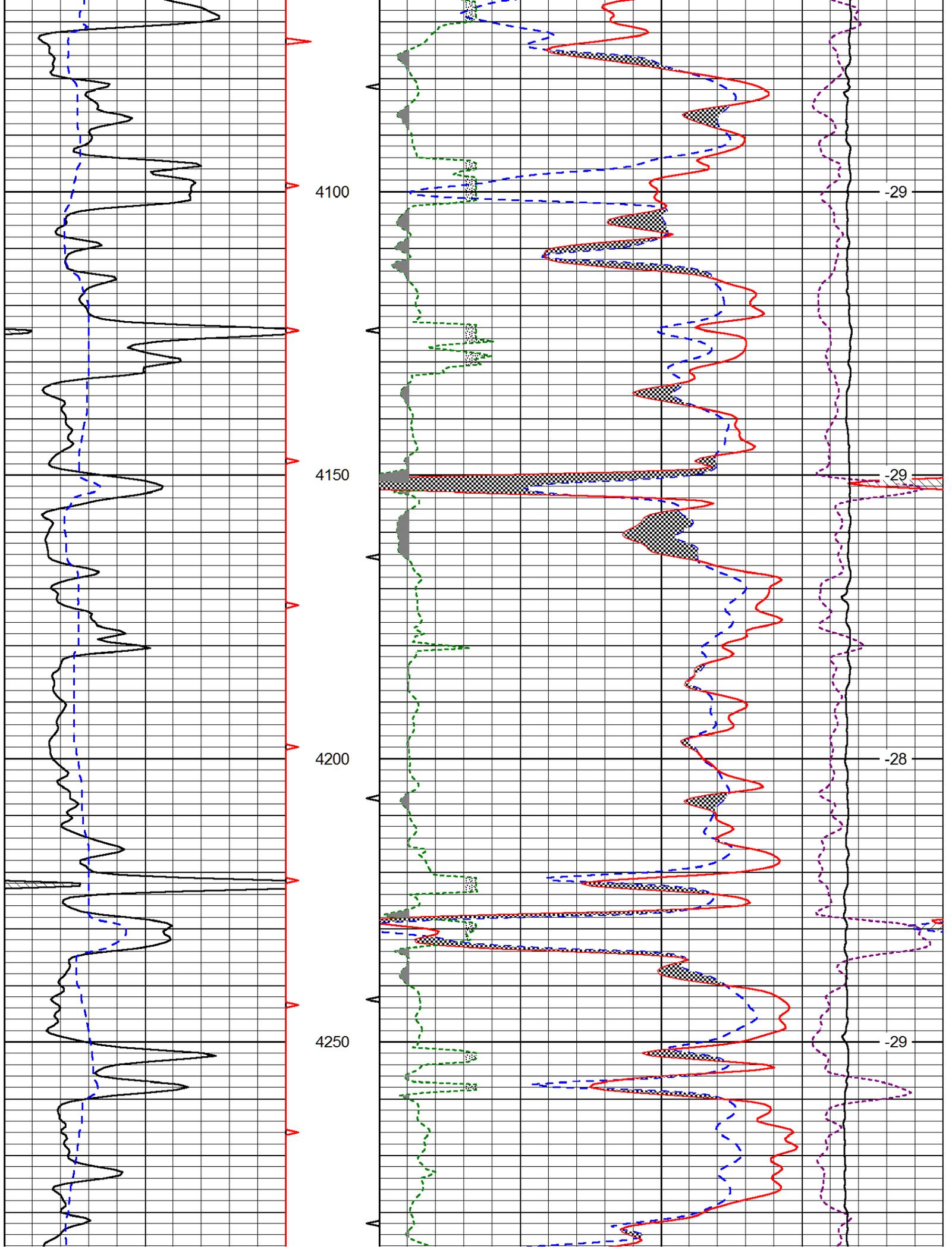


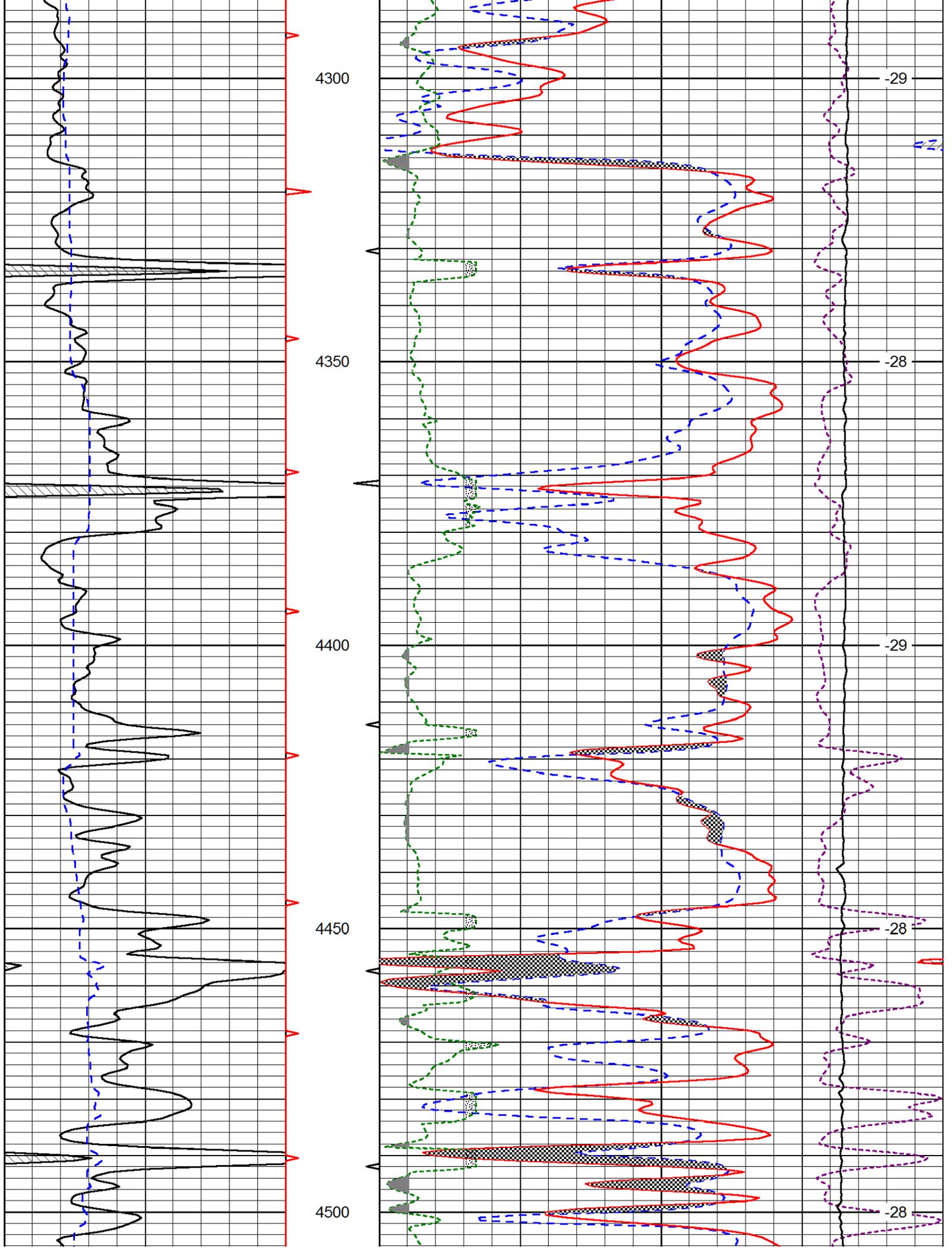
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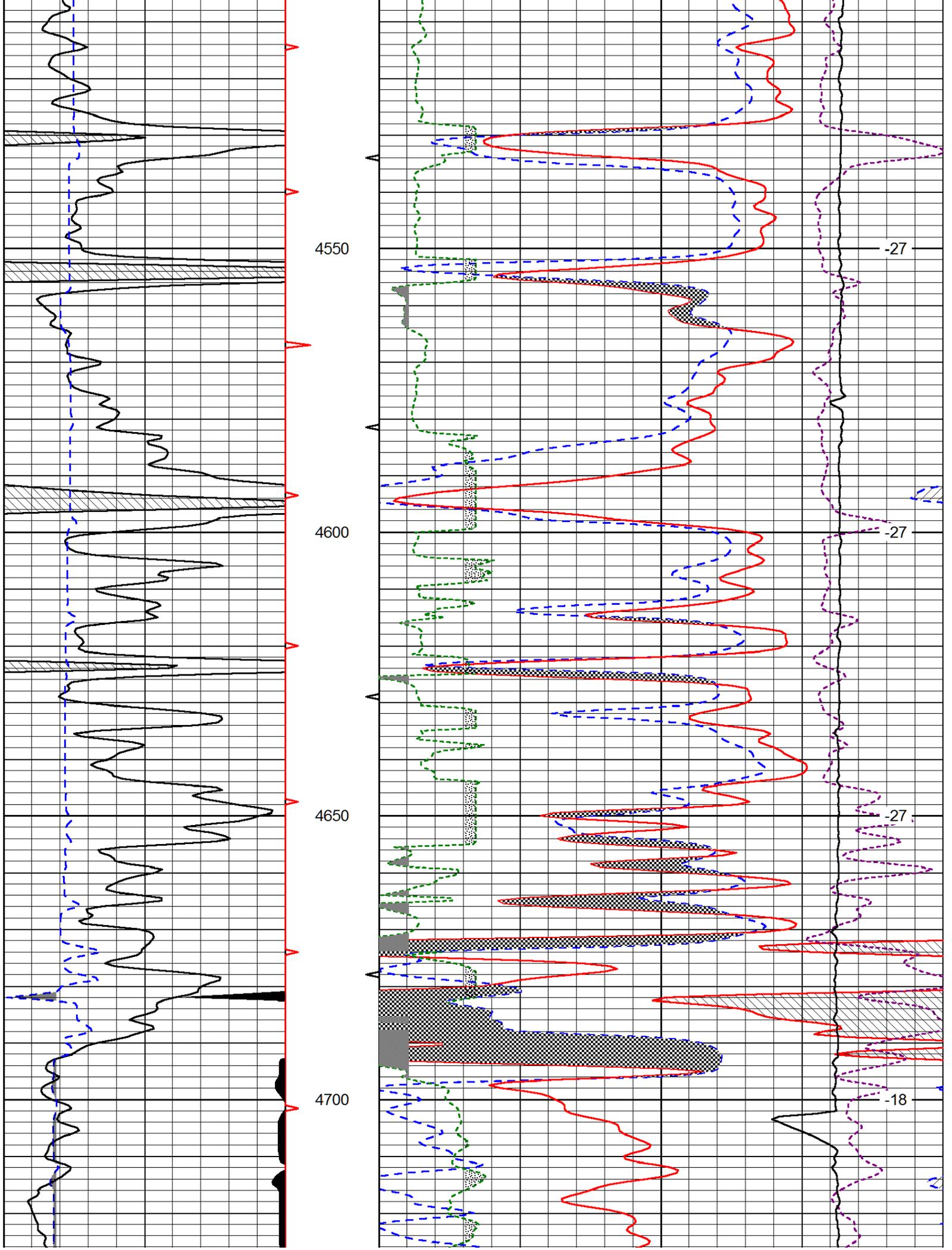


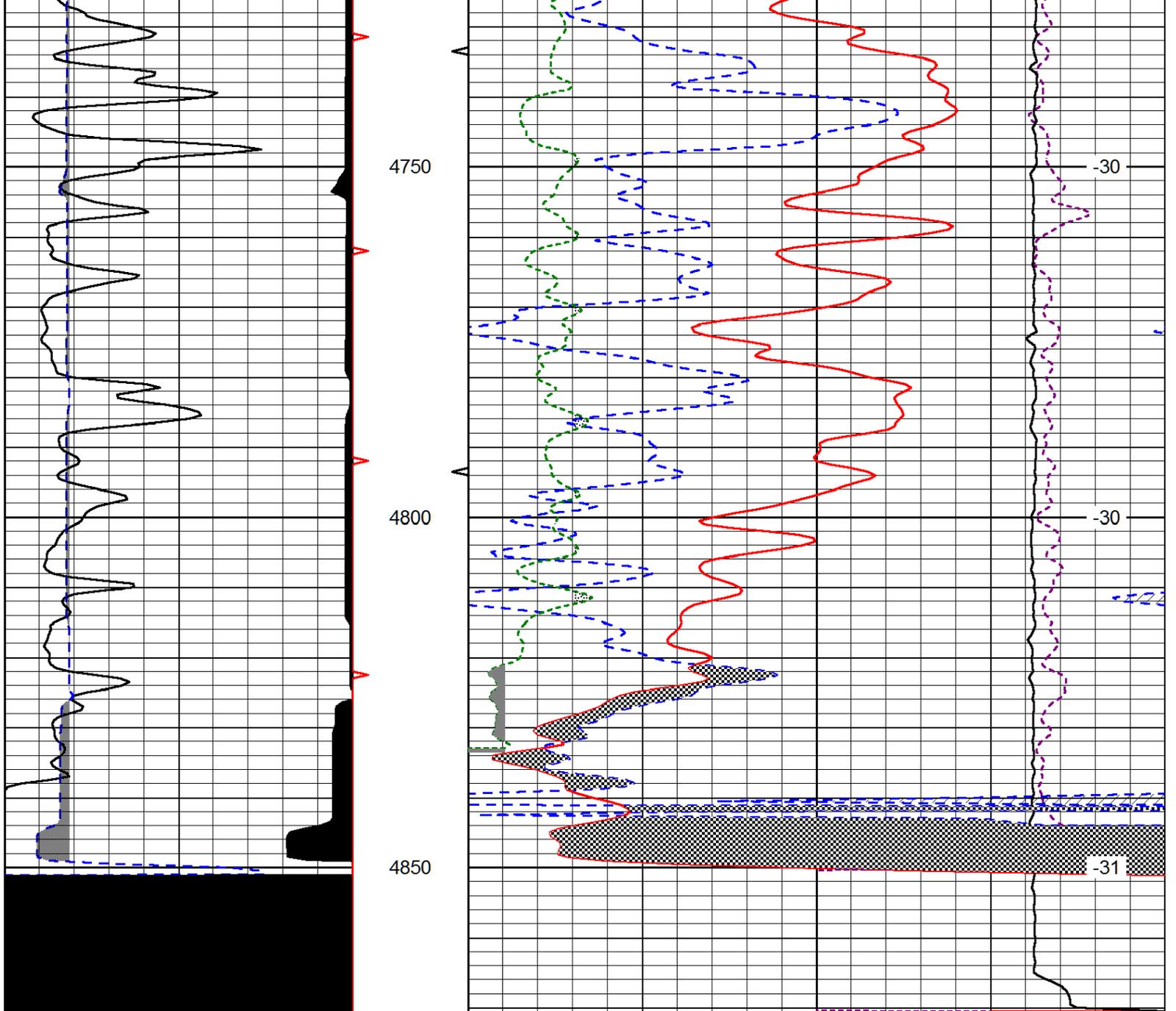












0	Gamma Ray (GAPI)	150	30	CNLS (pu)	-10
6	Caliper (in)	16	30	Compensated Density (2.71 ma) (pu)	-10
			2.625	DGA (g/cc)	3.425 -0.25
				Correction (g/cc)	0.25
			10000	Line Tension (lb)	0
					LSPD (ft/min)