



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.	Company Prospect Oil & Gas Corp. Well Brookover #21-1 Field Wildcat County Gove State Kansas									
15-063-22028-00-00	Location NW NE SW NW 1440' FNL / 1750' FEL						Other Services DIL MEL			
	Sec: 21		Twp: 13S		Rge: 30W		Elevation			
	Permanent Datum		Ground Level		Elevation 2892		K.B. 2897			
	Log Measured From		Kelly Bushing		5 Ft. Above Perm. Datum		D.F. 2892			
	Drilling Measured From		Kelly Bushing				G.L. 2892			
Date			8/19/2012							
Run Number			One							
Type Log			CNL / CDL							
Depth Driller			4565							
Depth Logger			4565							
Bottom Logged Interval			4545							
Top Logged Interval			3500							
Type Fluid In Hole			Chemical							
Salinity, PPM CL			2000							
Density			9.5							
Level			Full							
Max. Rec. Temp. F			122							
Operating Rig Time			4 Hours							
Equipment -- Location			15 Hays							
Recorded By			R. Barnhart							
Witnessed By			Brad Hutchinson							
Borehole Record			Casing Record							
Run No	Bit	From	To	Size	Wgt.	From	To			
One	12.25	0	211	8.625	24#	0	211			
Two	7.875	211	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

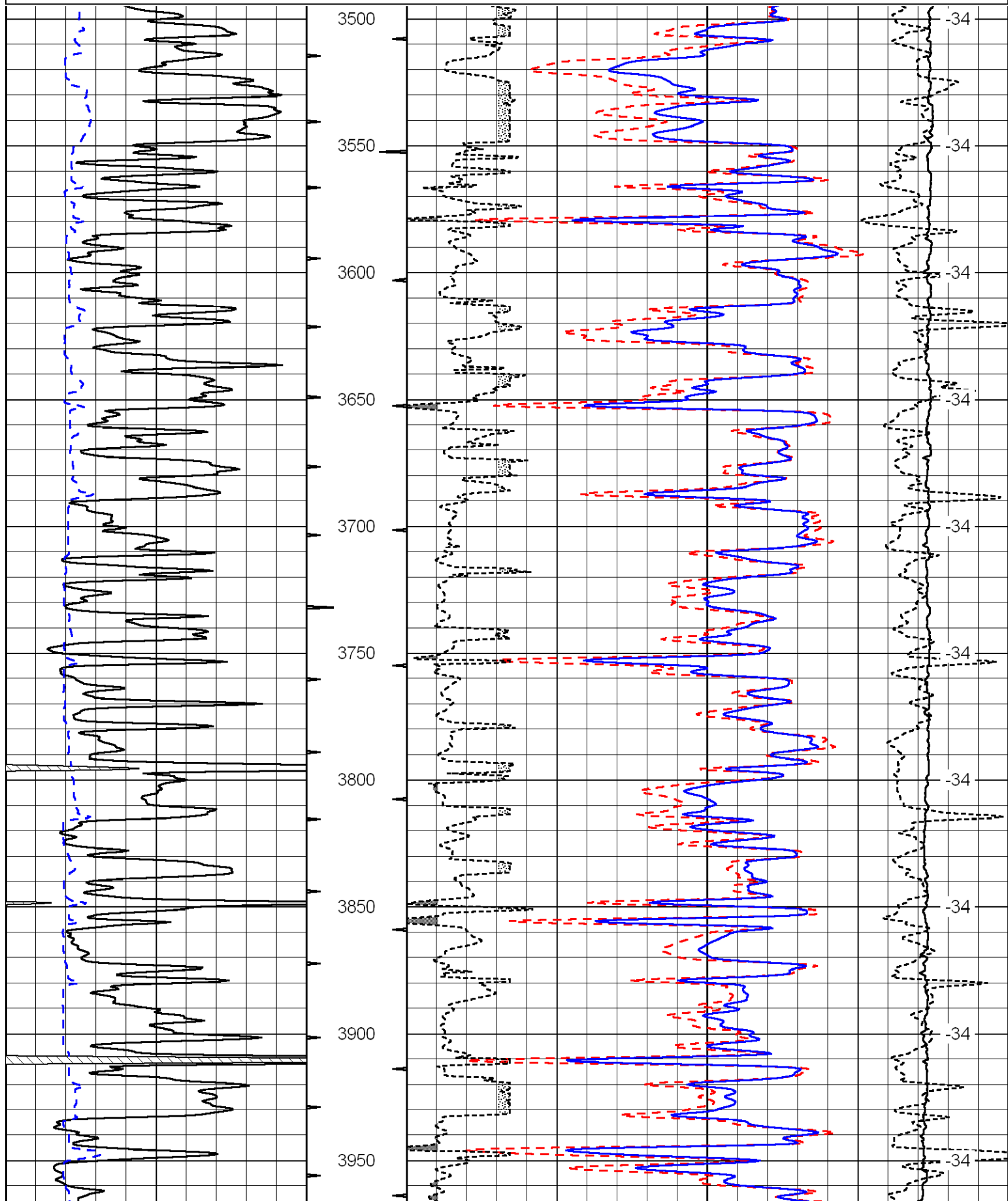
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

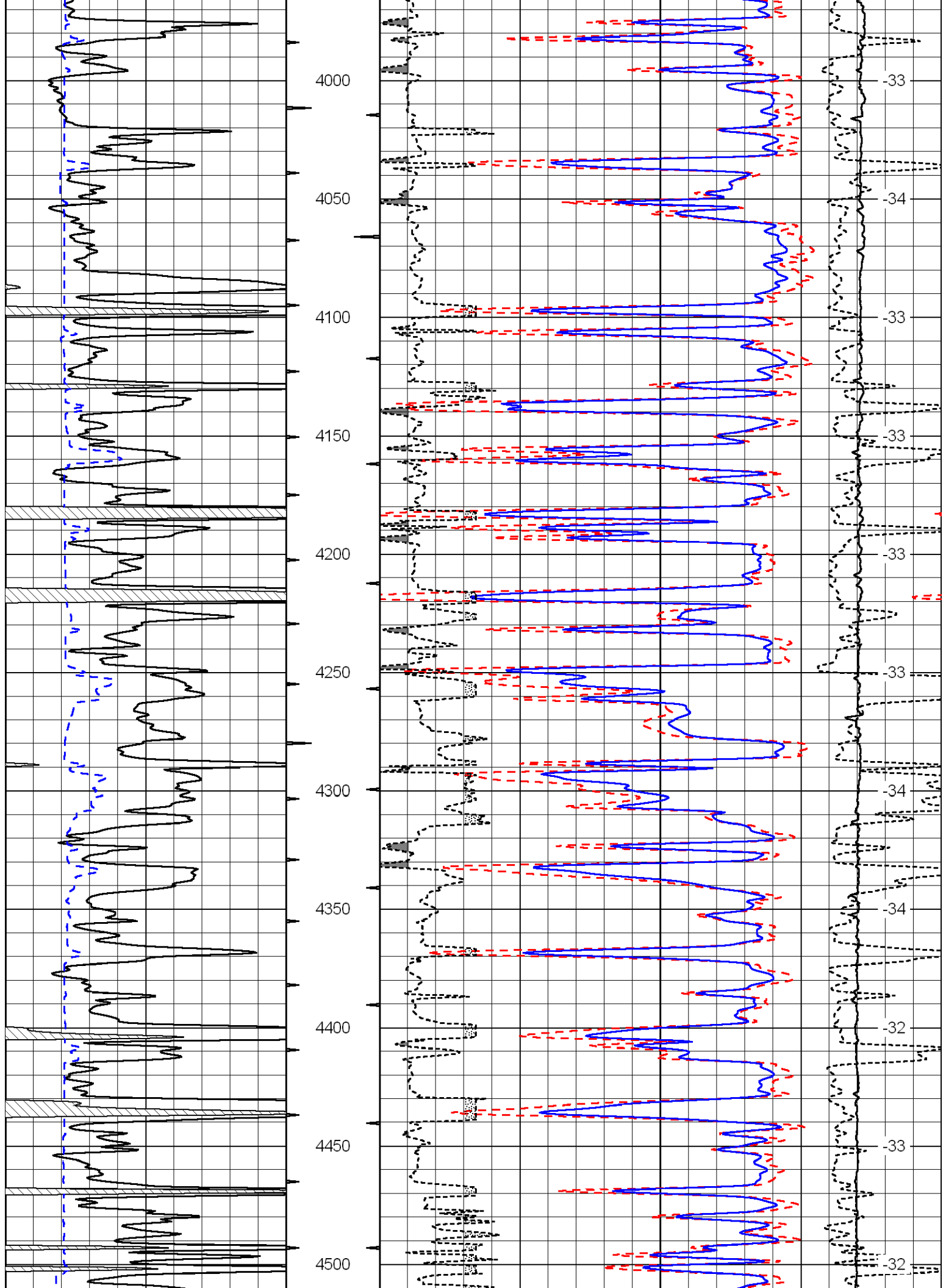
Gove, KS:
10W, 3S, E into

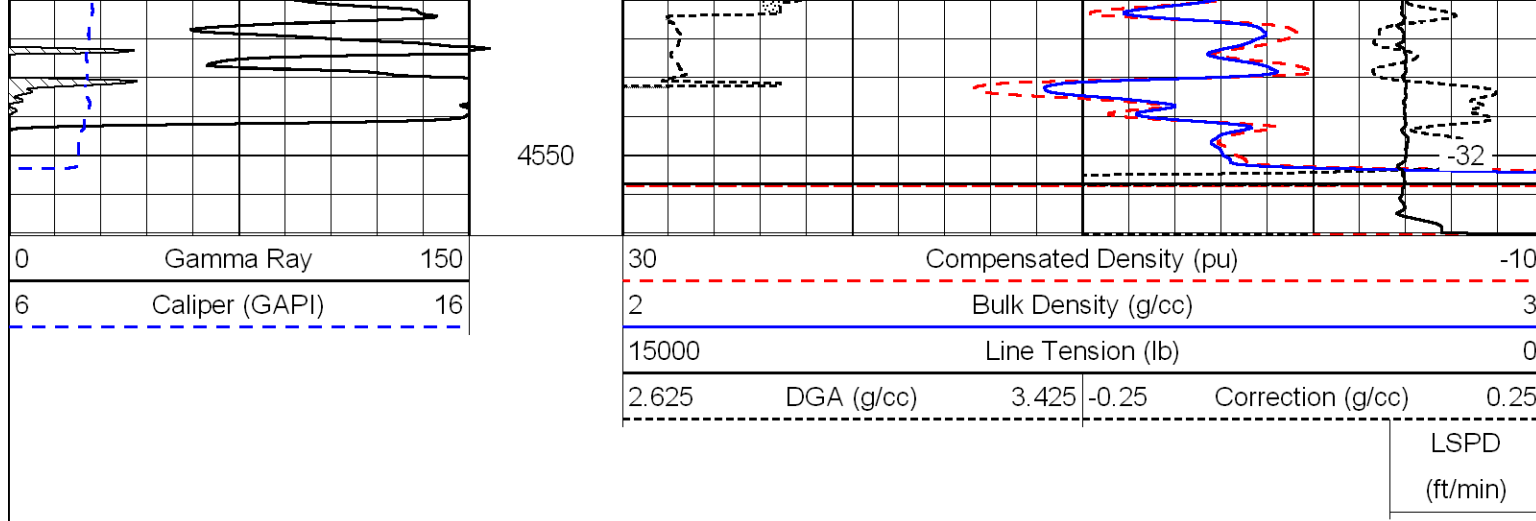
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Presentation Format: cdl
Dataset Creation: Sun Aug 19 16:39:40 2012
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

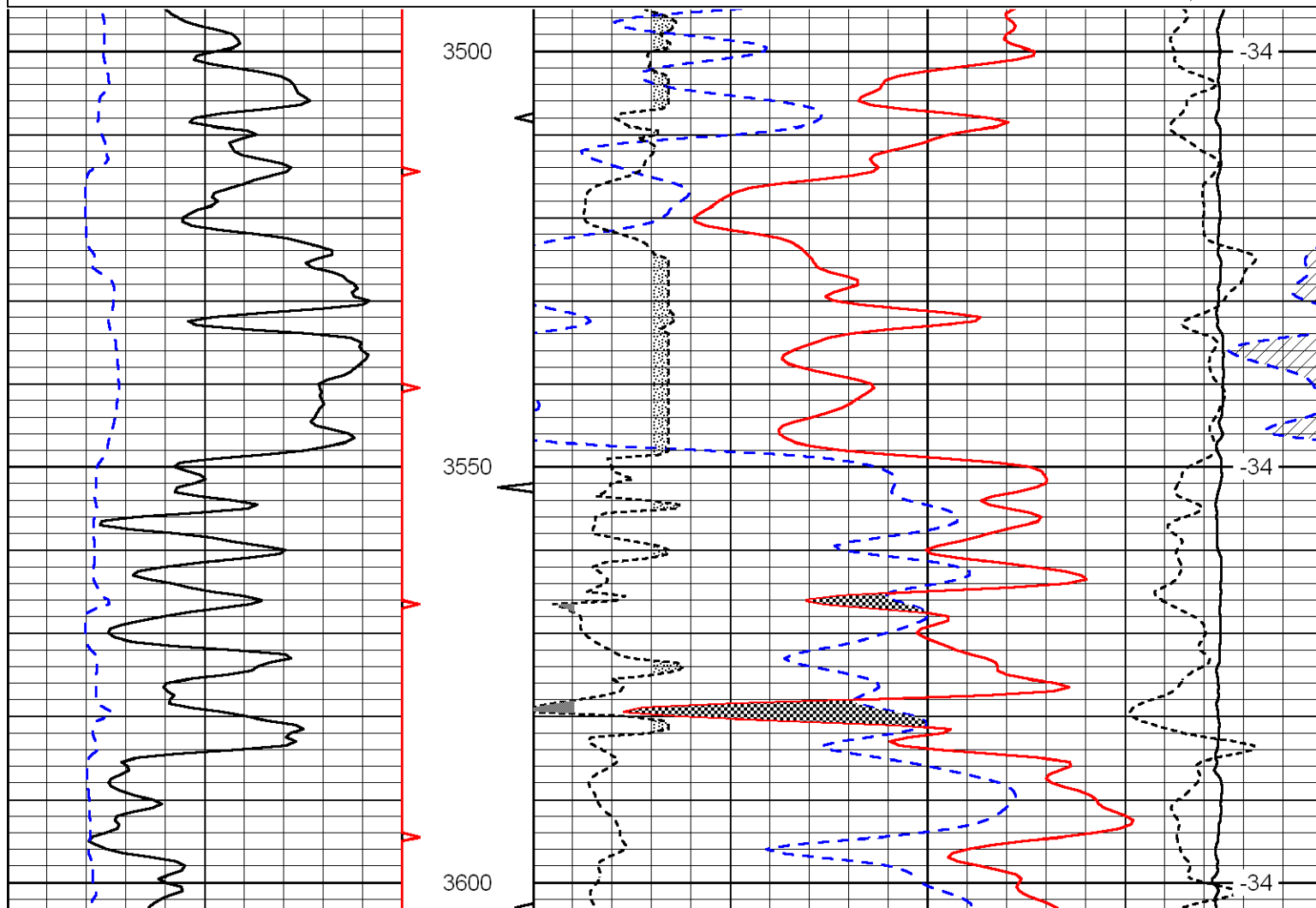
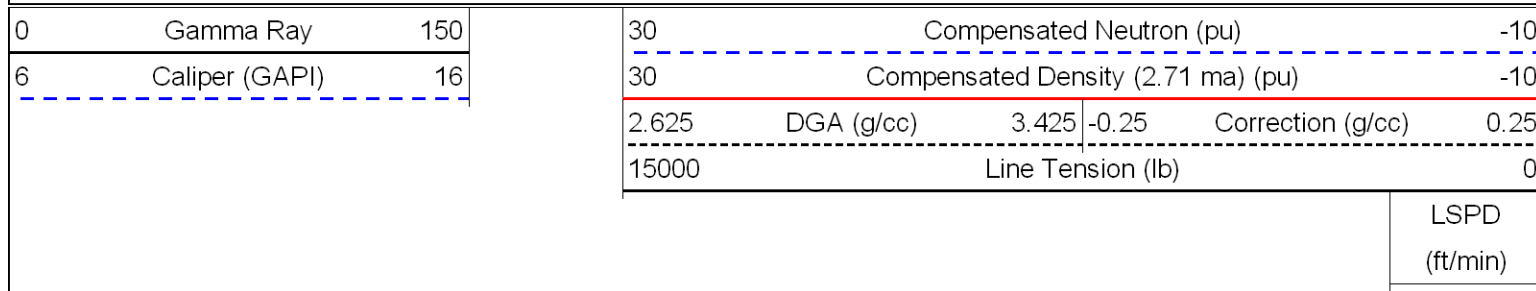
30	Compensated Density (pu)				-10
2	Bulk Density (g/cc)				3
15000	Line Tension (lb)				0
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
					LSPD (ft/min)

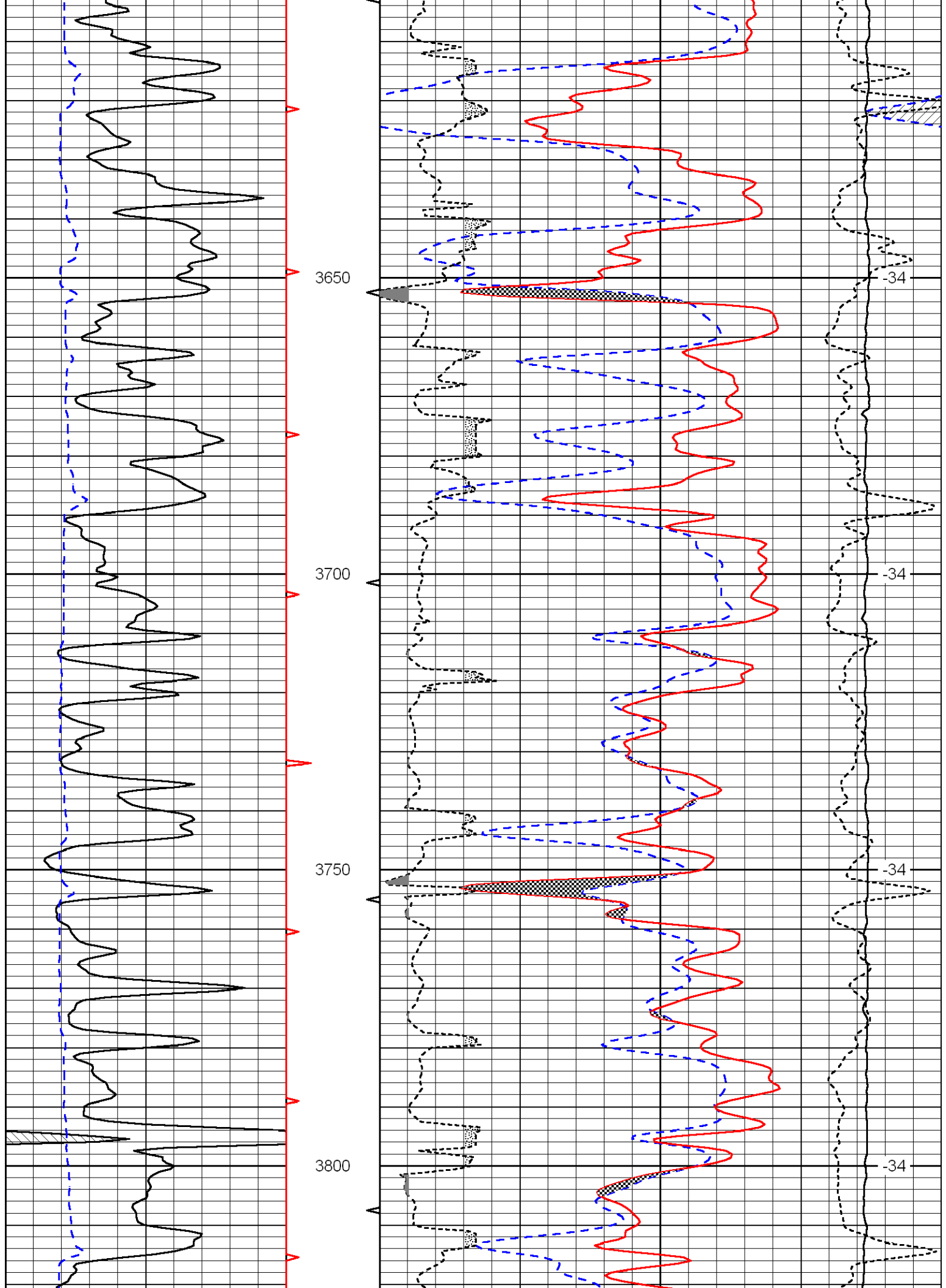


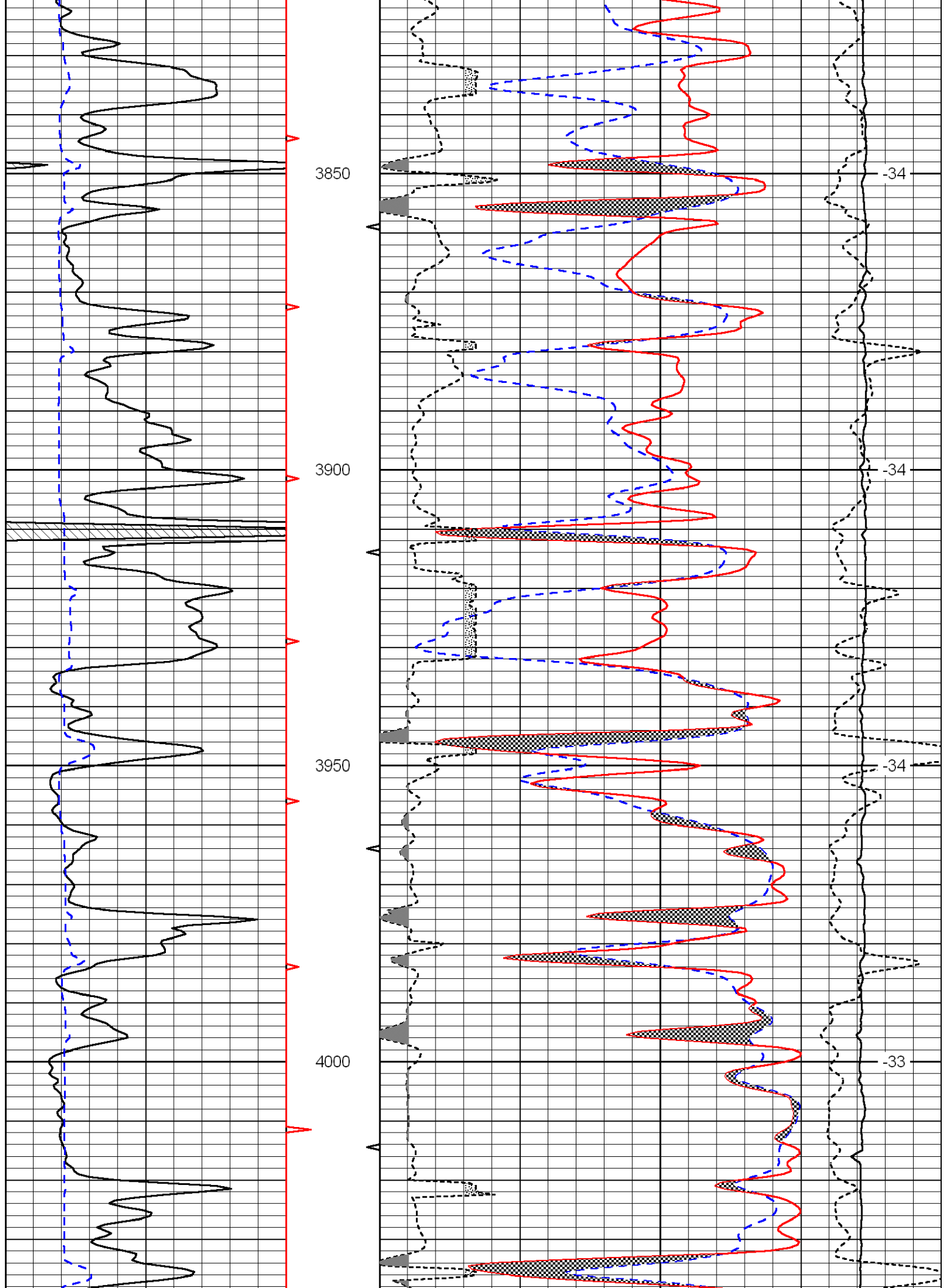


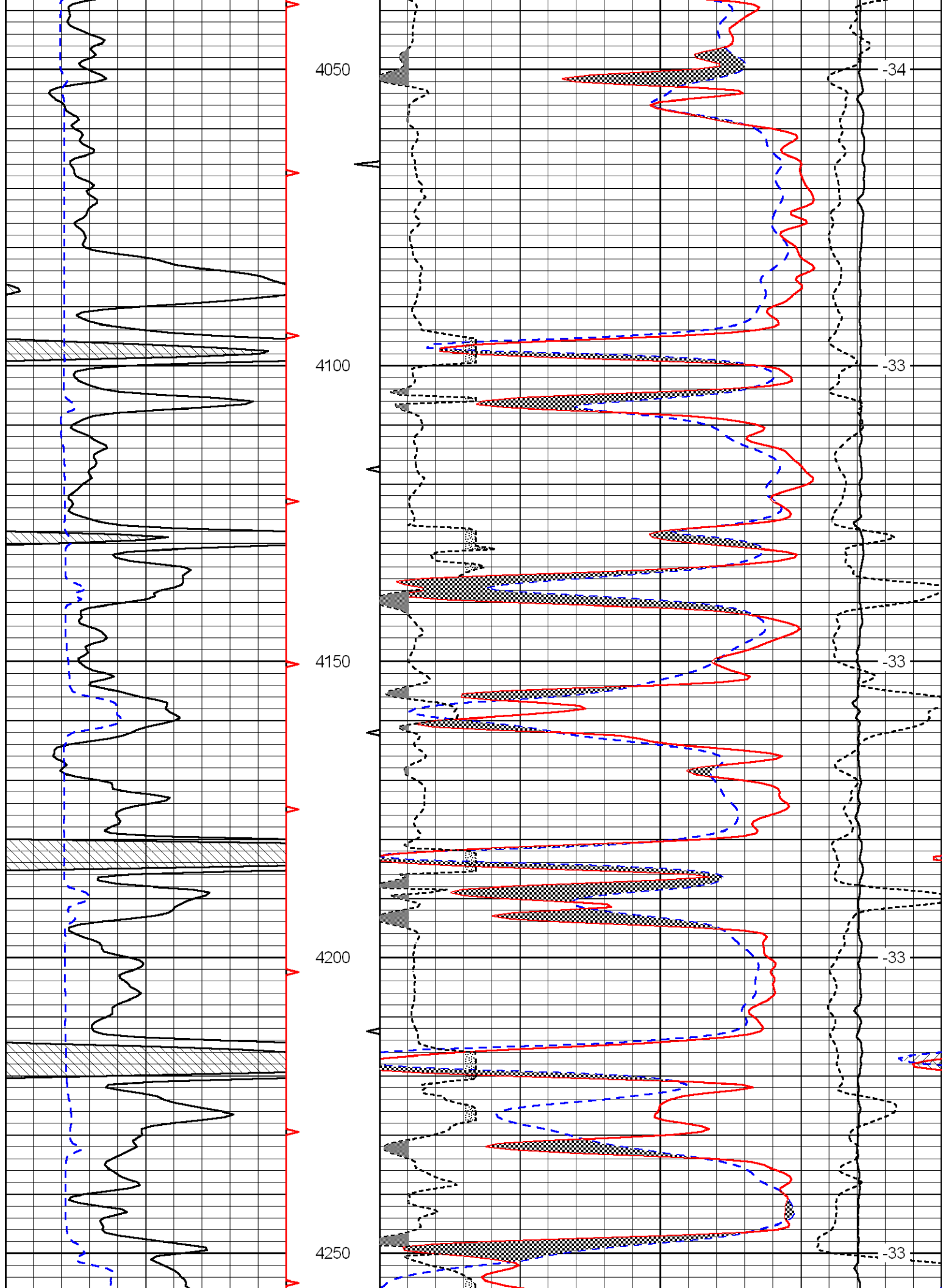


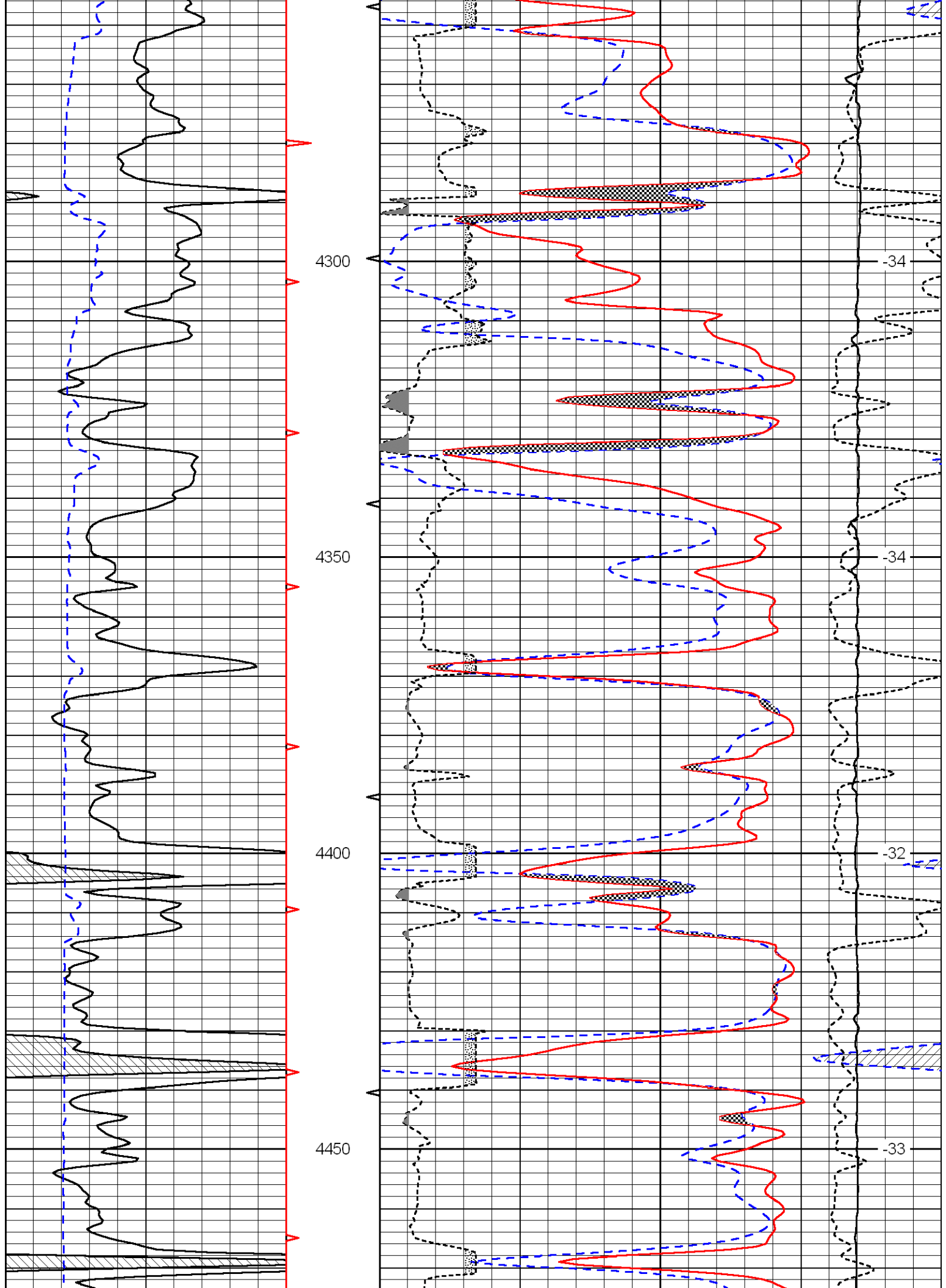
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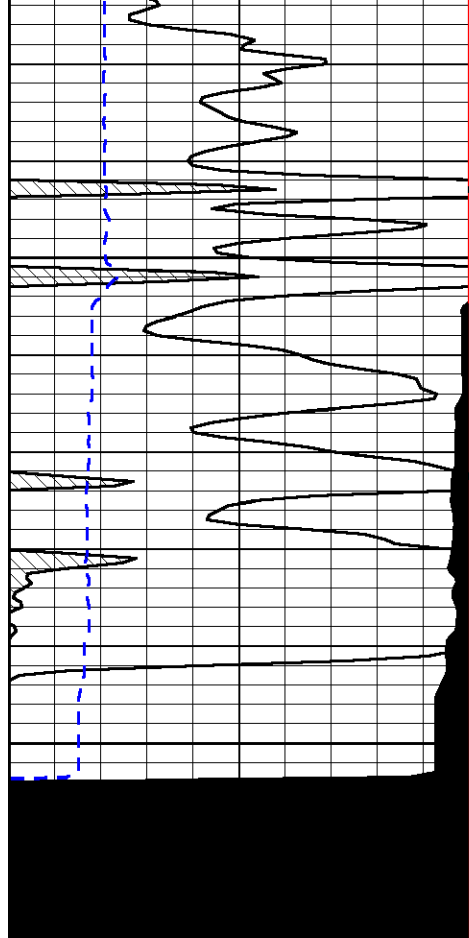








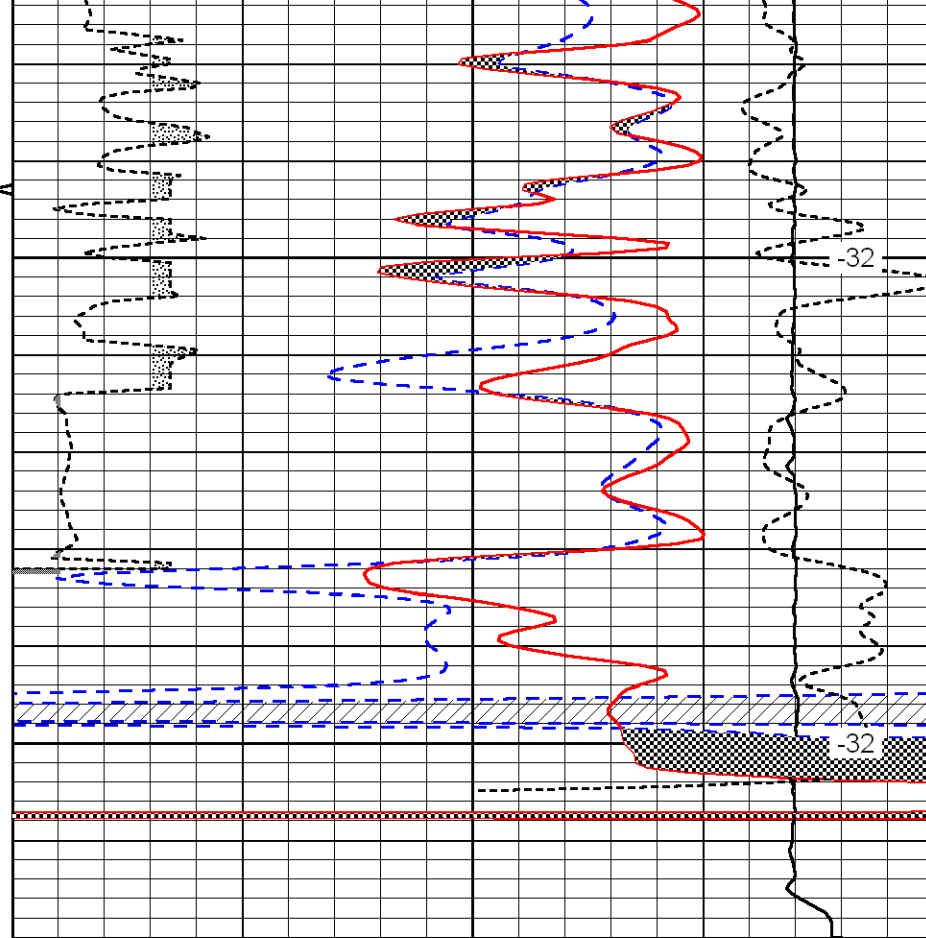




4500

4550

0	Gamma Ray	150
6	Caliper (GAPI)	16



-32

-32

30	Compensated Neutron (pu)		-10
30	Compensated Density (2.71 ma) (pu)		-10
2.625	DGA (g/cc)	3.425	-0.25
		Correction (g/cc)	0.25
15000	Line Tension (lb)		0

LSPD
(ft/min)