

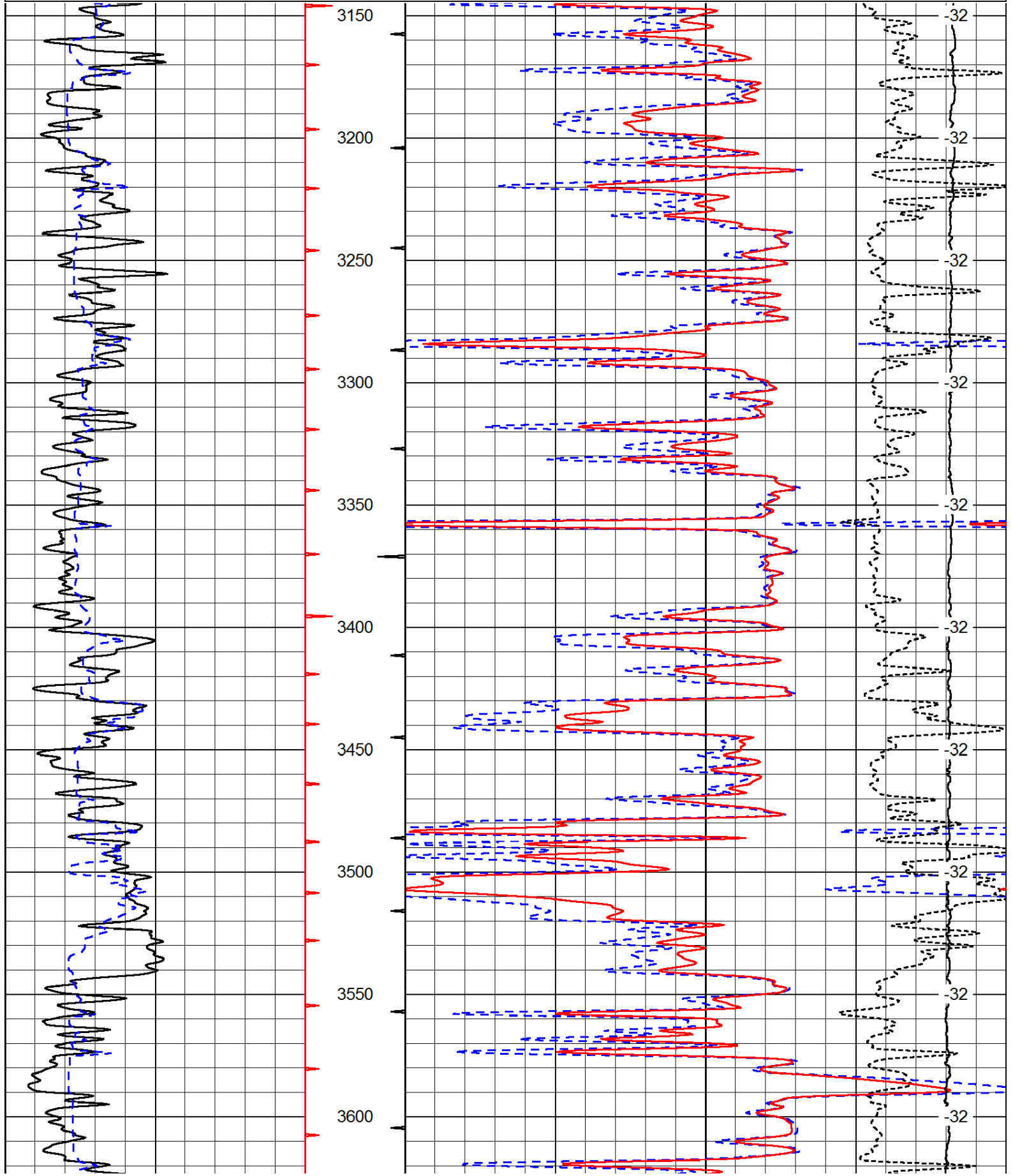


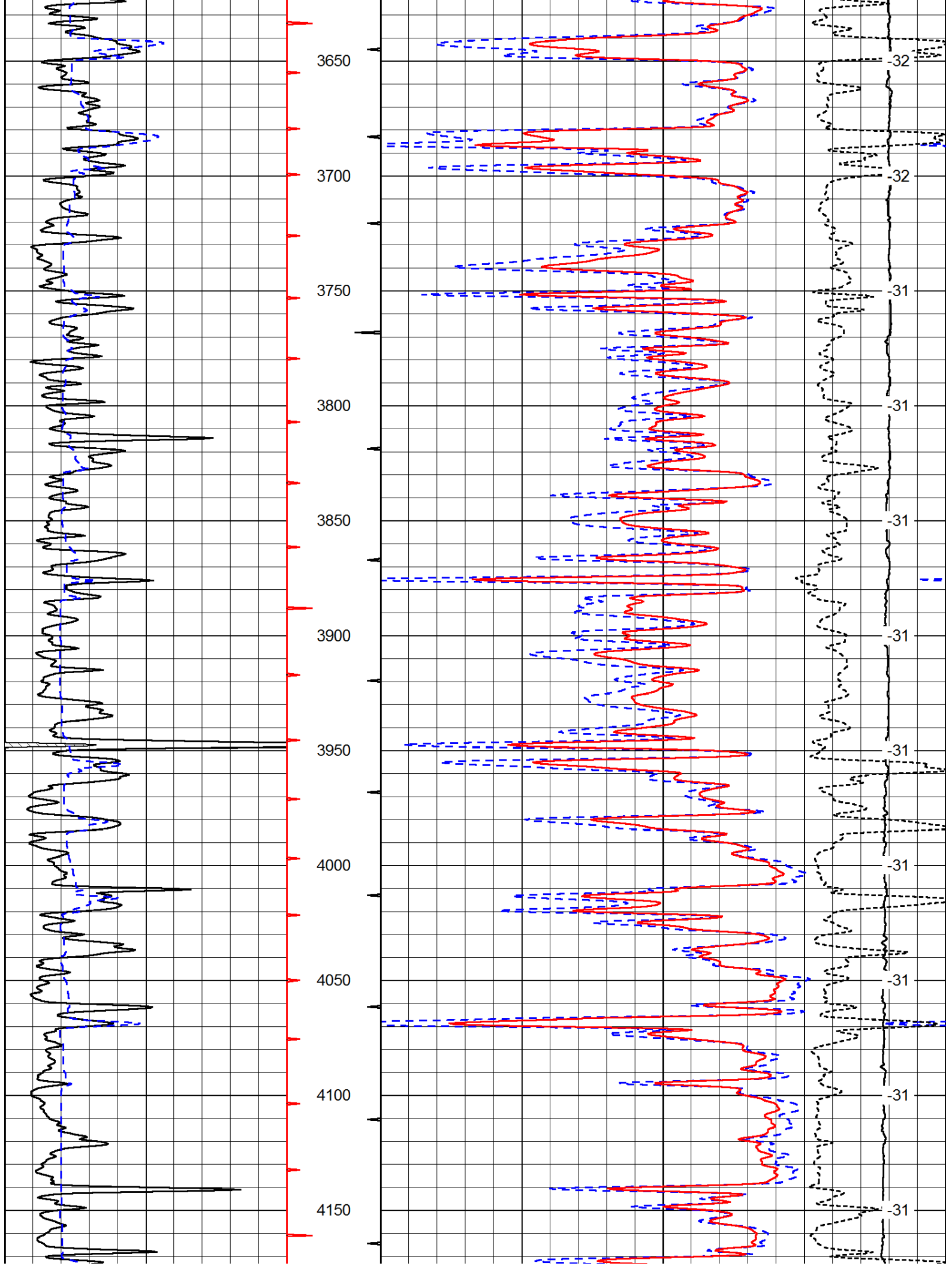
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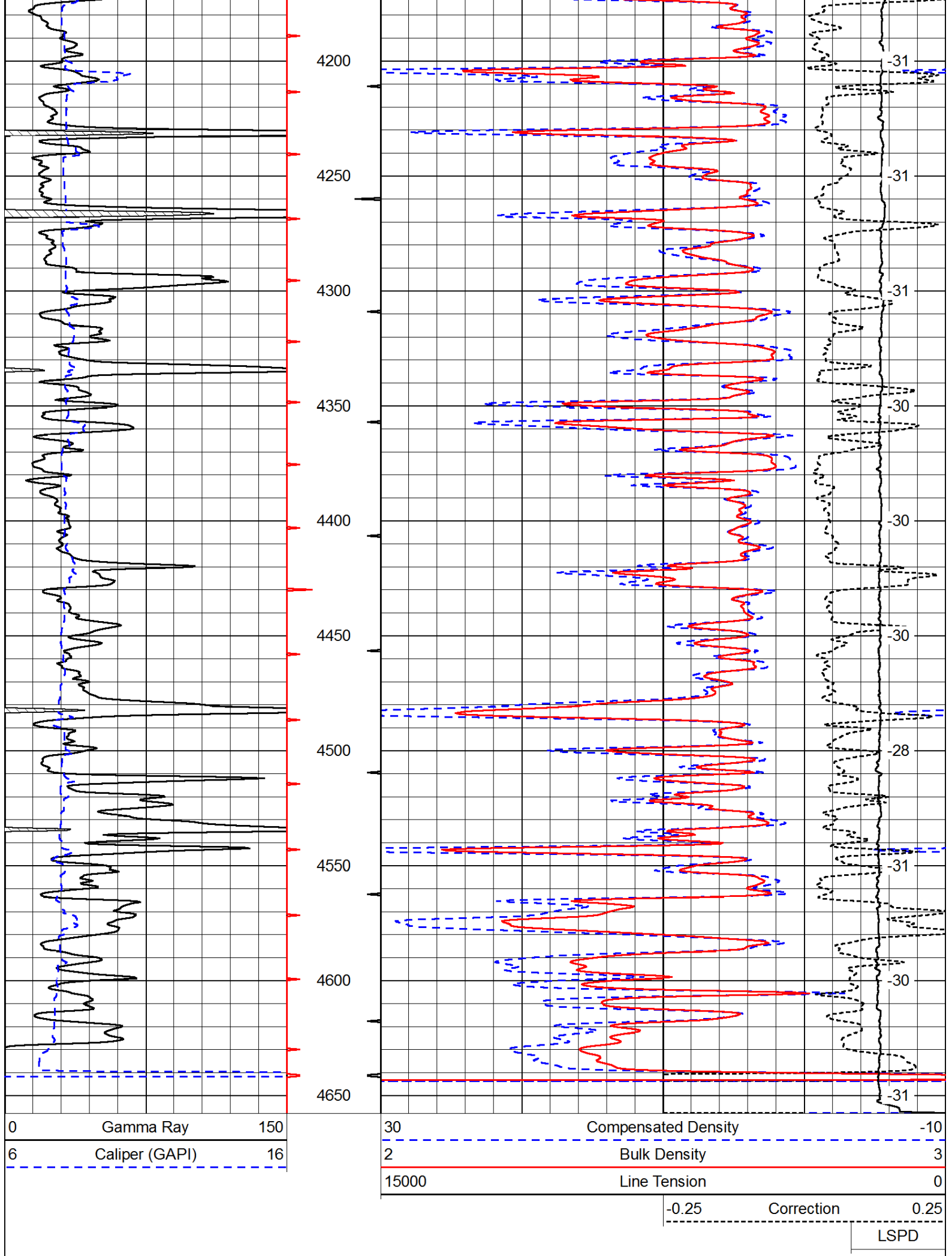
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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.pioneeres.com 785 625 3858 Utica KS, 5 W to Wichita Rd, 1/2 N, W Into

Database File: c:\warrior\data\hess_helen #1\hesshd2.db
Dataset Pathname: DIL/hessstk2
Presentation Format: cdl
Dataset Creation: Sat Jun 28 12:34:10 2014
Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:600					
0	Gamma Ray	150	30	Compensated Density	-10
6	Caliper (GAPI)	16	2	Bulk Density	3
			15000	Line Tension	0
			-0.25 Correction 0.25		
			LSPD		







Database File: c:\warrior\data\hess_helen #1\hesshd2.db
Dataset Pathname: DIL/hessstk2
Presentation Format: cndlspec
Dataset Creation: Sat Jun 28 12:34:10 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	30	Compensated Neutron (Limestone)	-10
6	Caliper (GAPI)	16	30	Compensated Density (Limestone)	-10
			15000	Line Tension	0
			-0.25		Correction
			0.25		LSPD

