

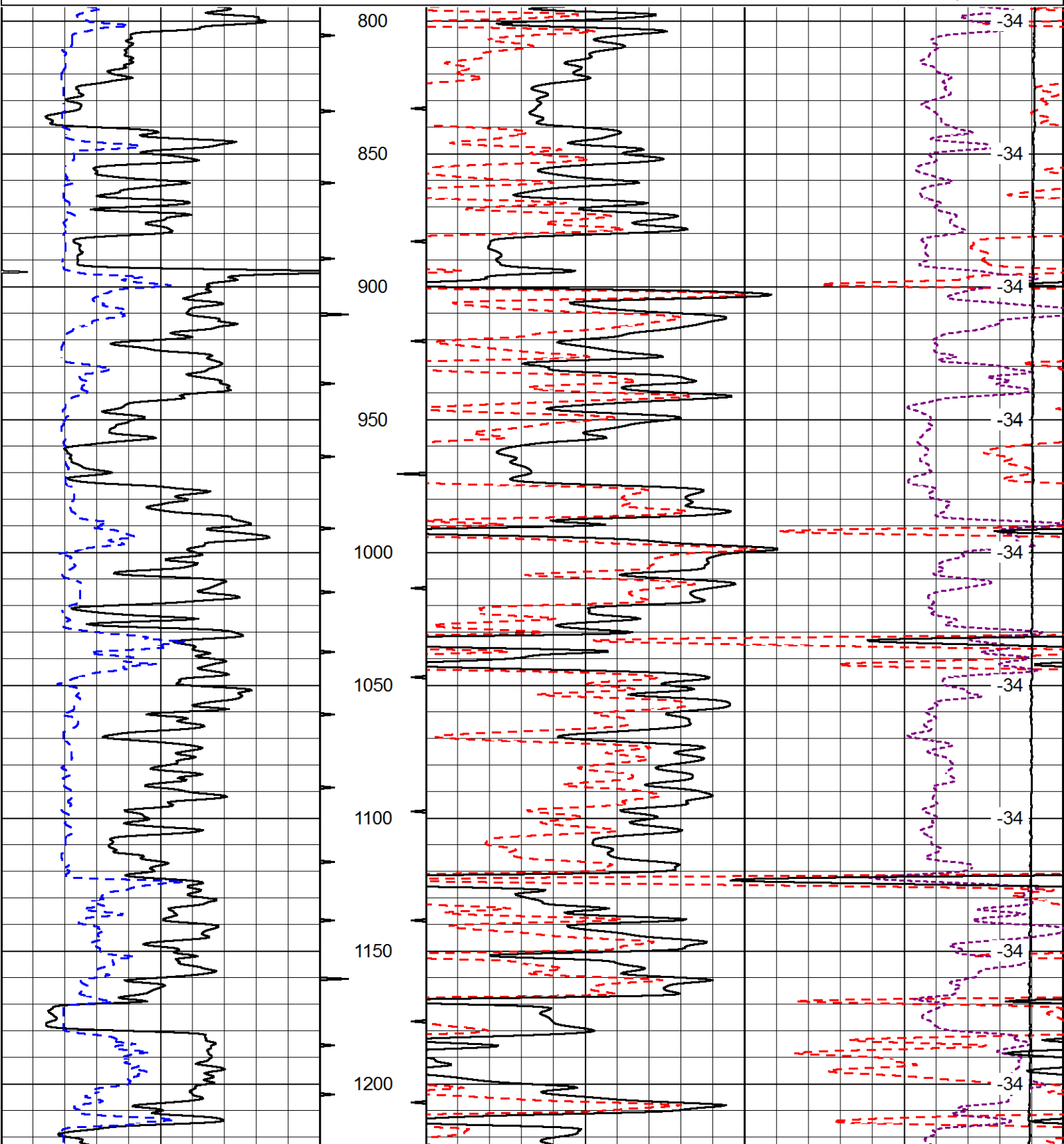


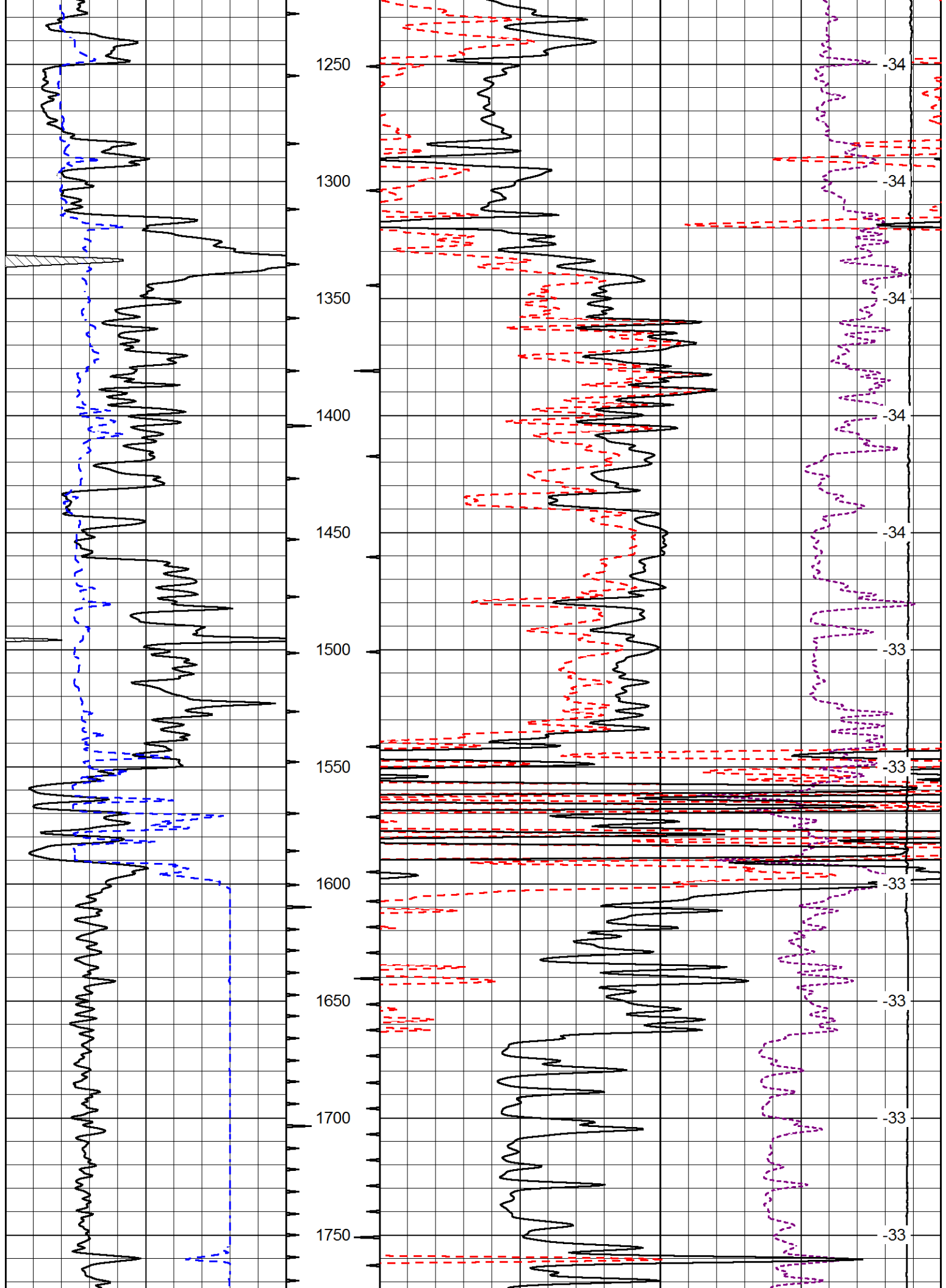
Pioneer Energy Services

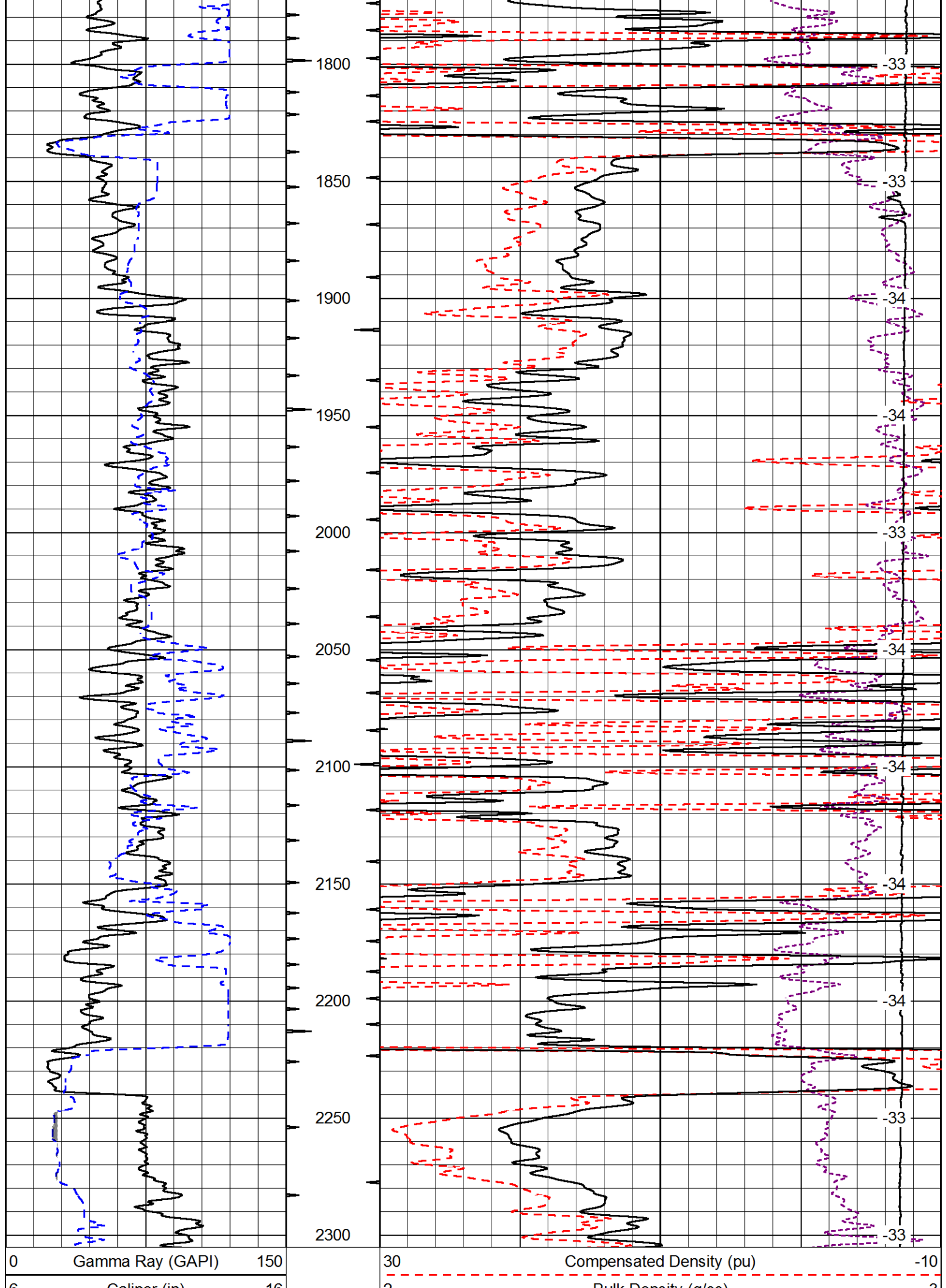
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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.	
Comments N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE. OAKLEY, SOUTH TO GOLD ROAD, 4 WEST, 2 SOUTH, 5 WEST, NORTHWEST INTO	
Log Measured From: KELLY BUSHING 5 Ft. Above Permanent Datum THANK YOU FOR USING PIONEER ENERGY SERVICES www.pioneerres.com 785-625-3858	
Your Pioneer Energy Services Crew Engineer: J. LONG Operator: Operator: Operator:	This Log Record Was Witnessed By Primary Witness: JOHN GOLDSMITH Secondary Witness: Secondary Witness: Secondary Witness:

Database File	concorde_mcdaniel_2-12hd.db
Dataset Pathname	DIL/concstck3
Presentation Format	cdl
Dataset Creation	Sat Dec 12 17:23:58 2015
Charted by	Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150	30	Compensated Density (pu)	-10
6	Caliper (in)	16	2	Bulk Density (g/cc)	3
			15000	Line Tension (lb)	0
			-0.25 Correction (g/cc) 0.25		
			LSPD (ft/min)		



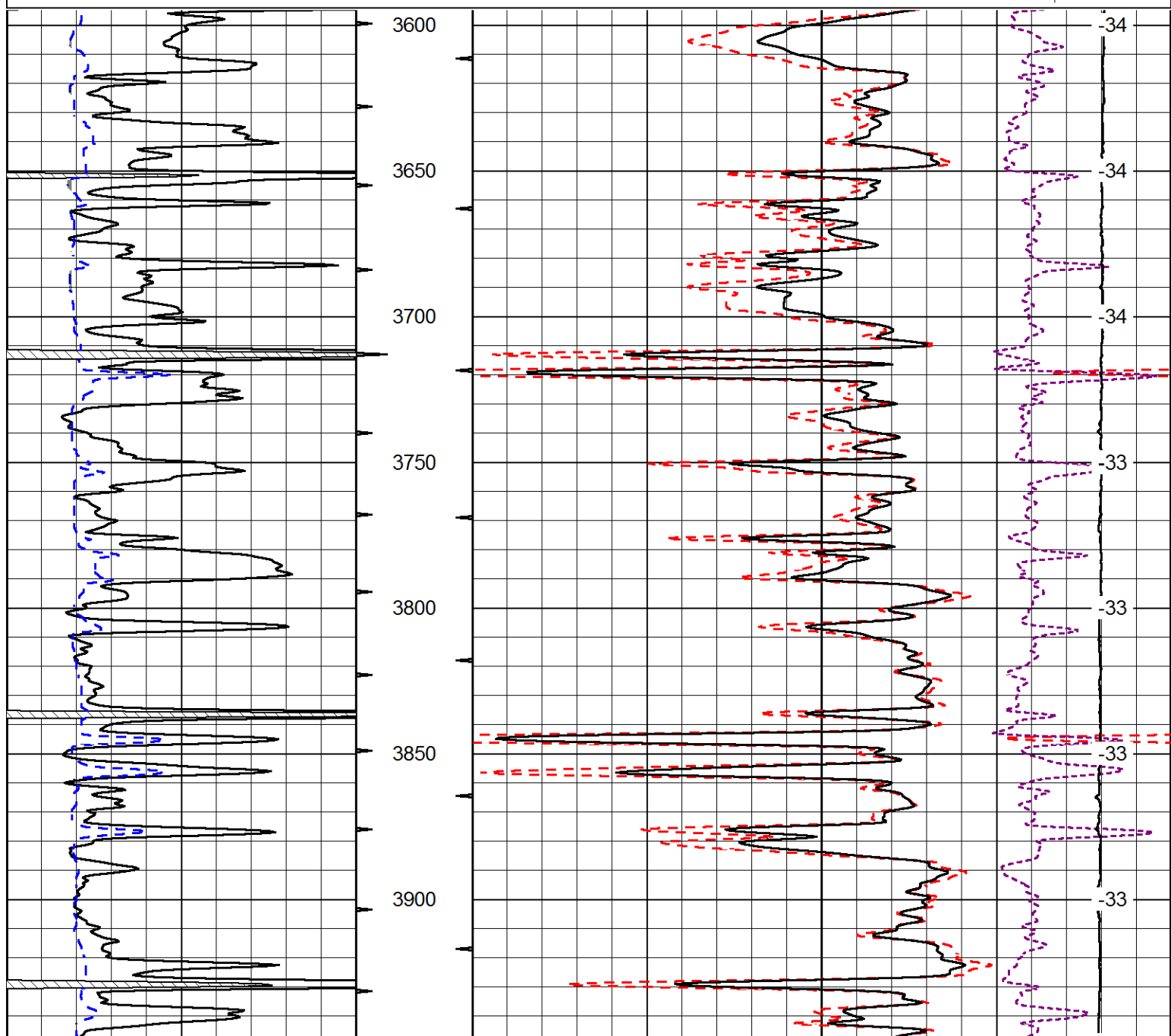


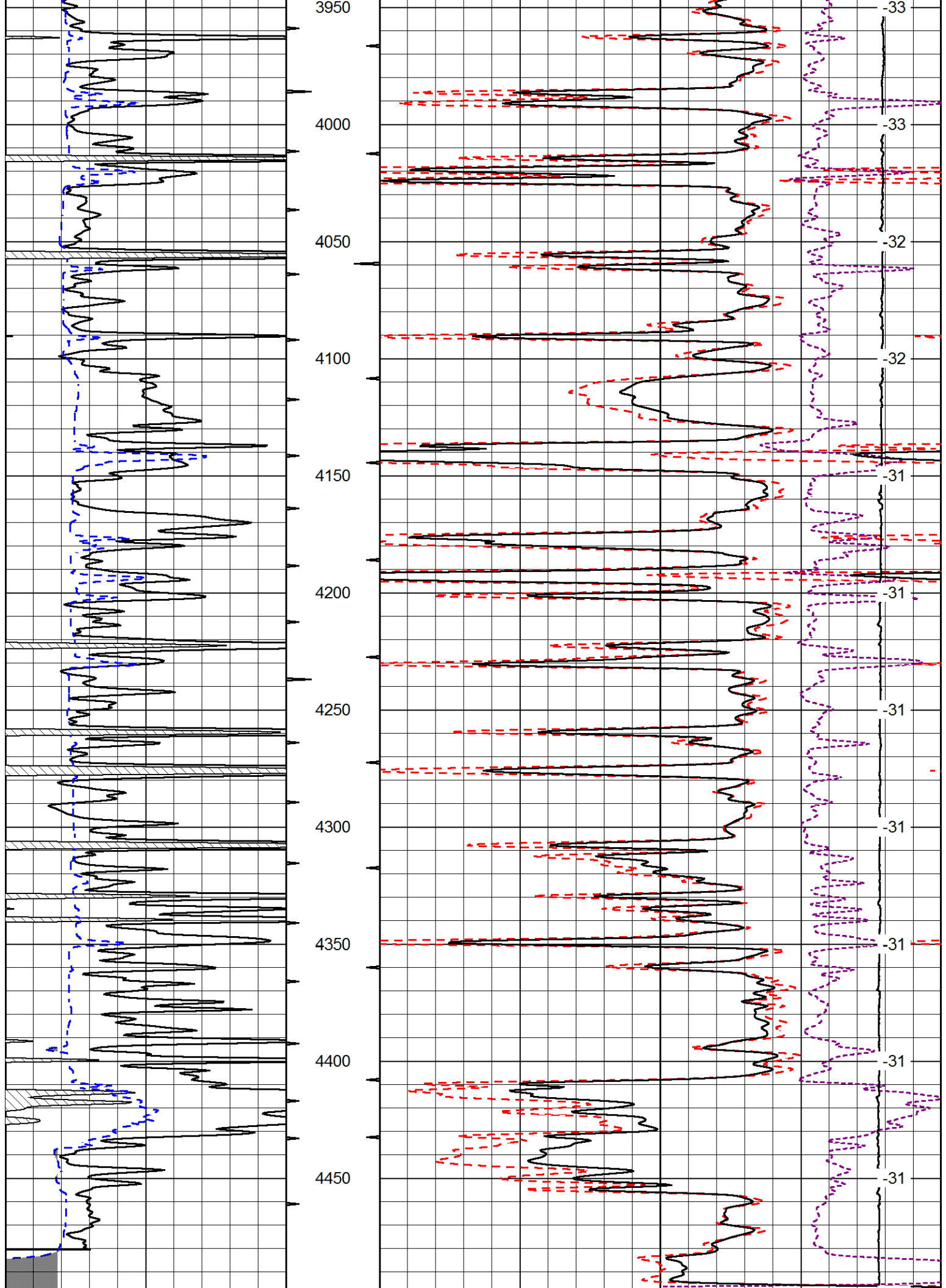


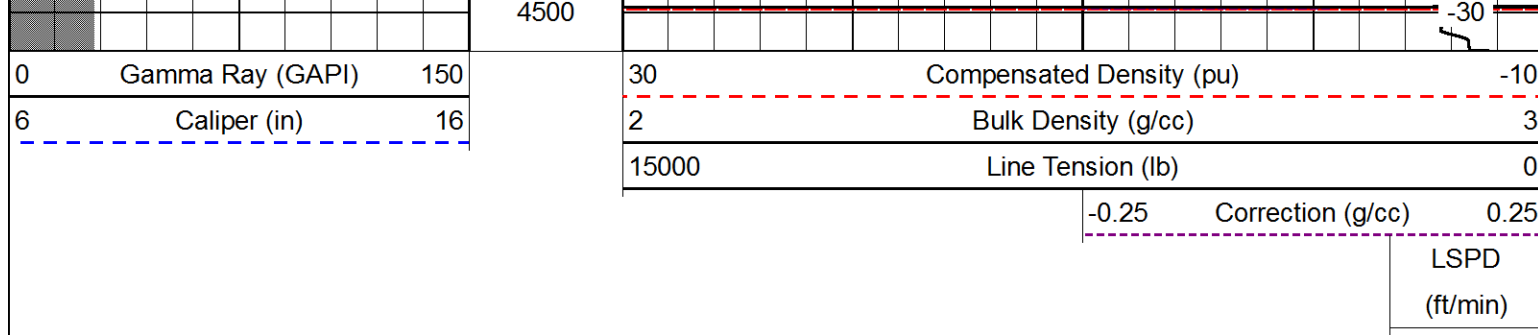
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					LSPD	(ft/min)

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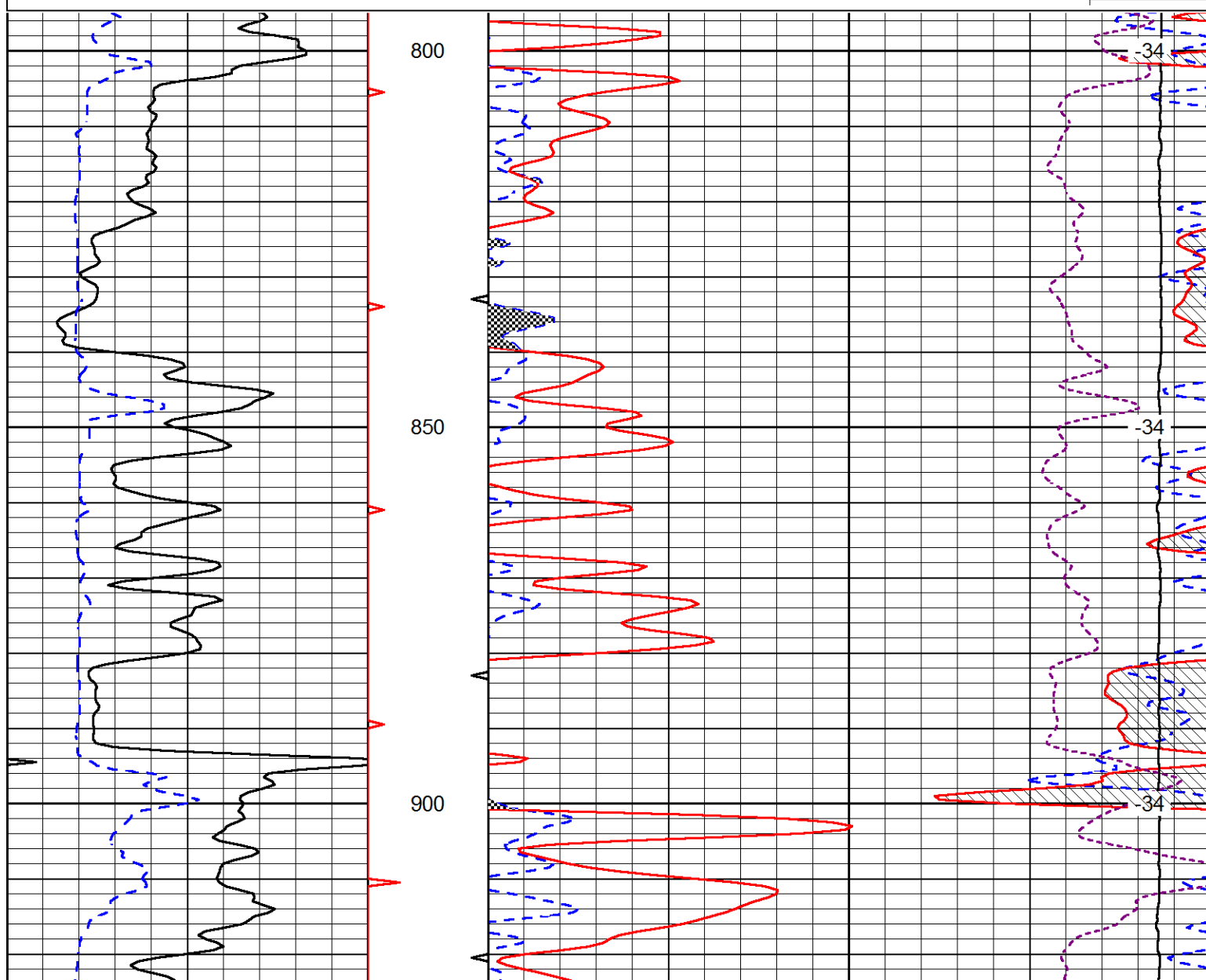
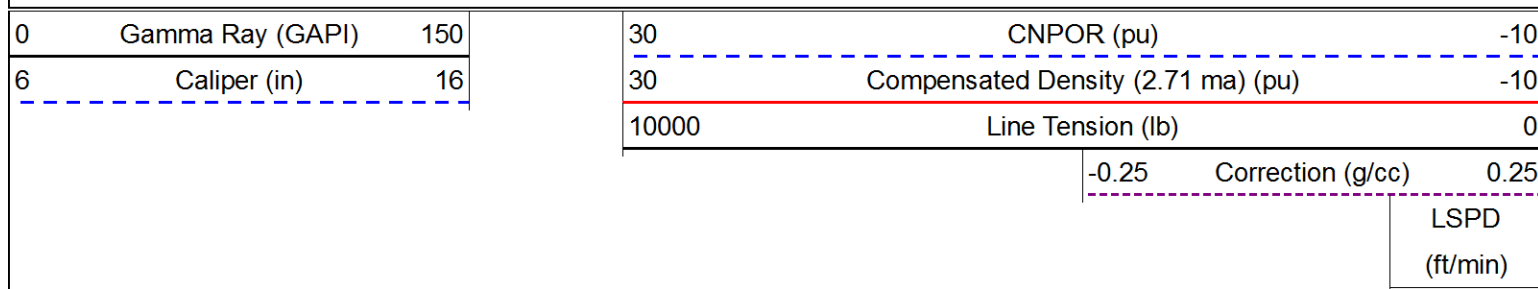
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					LSPD	(ft/min)

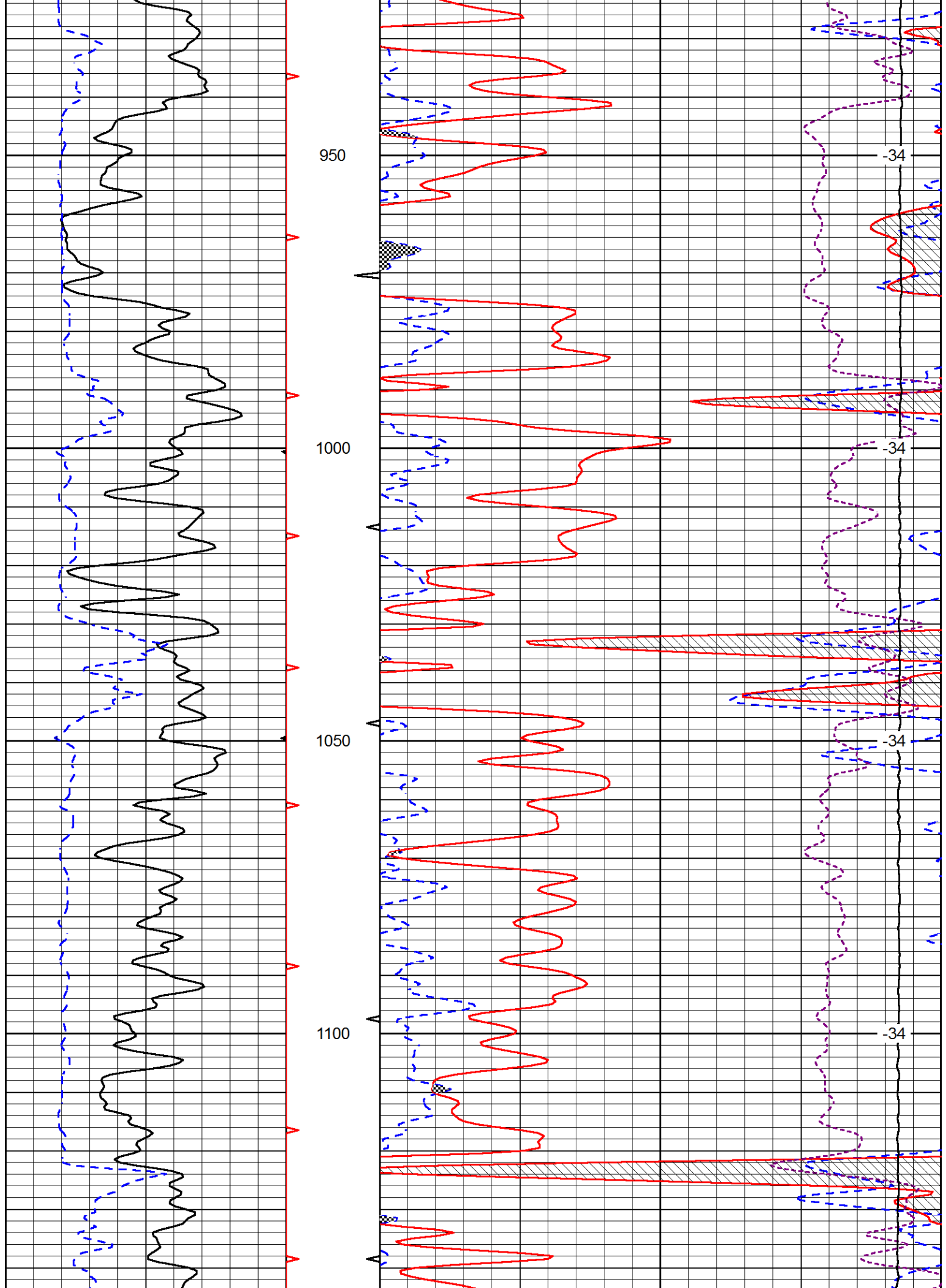


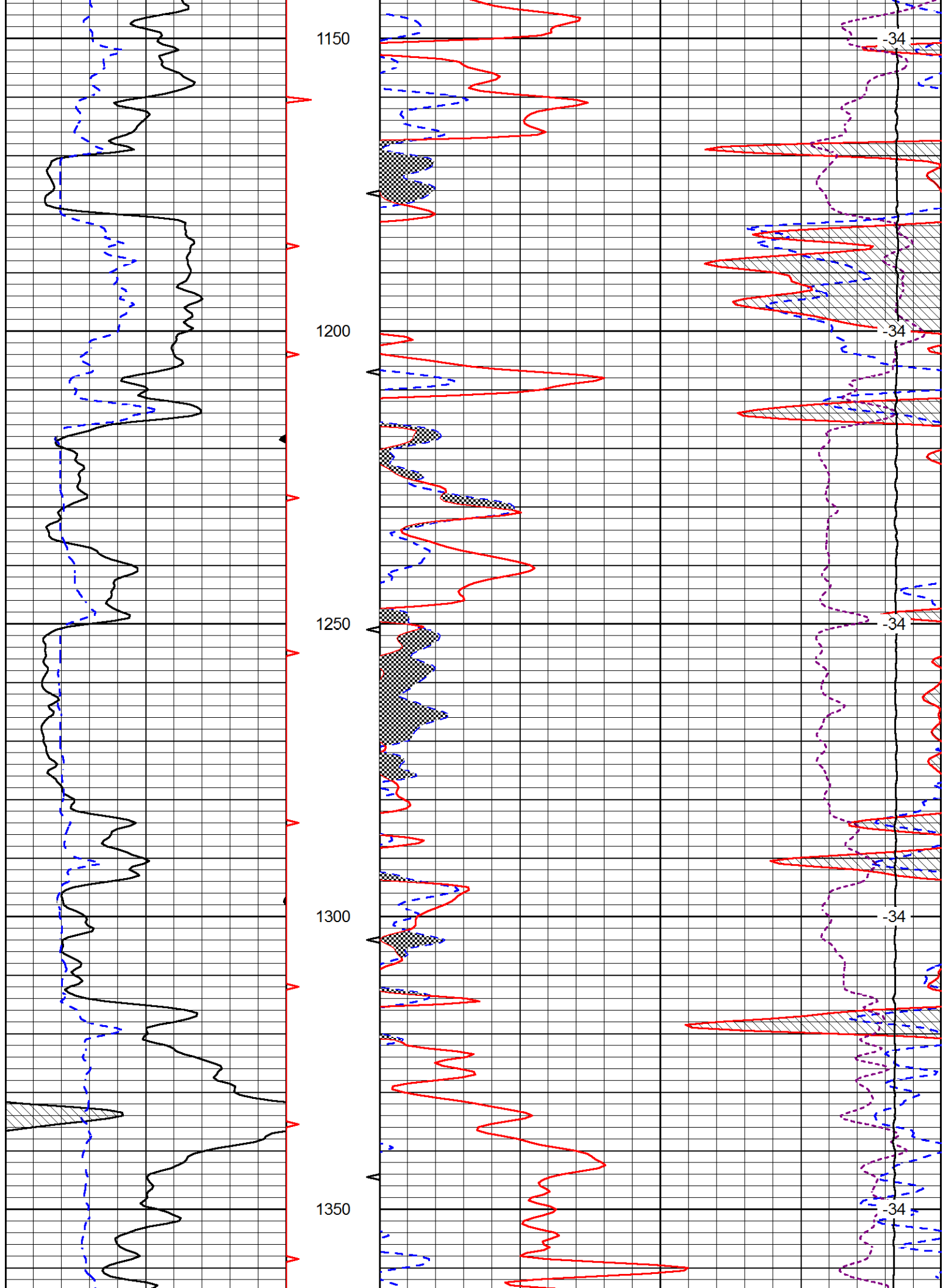


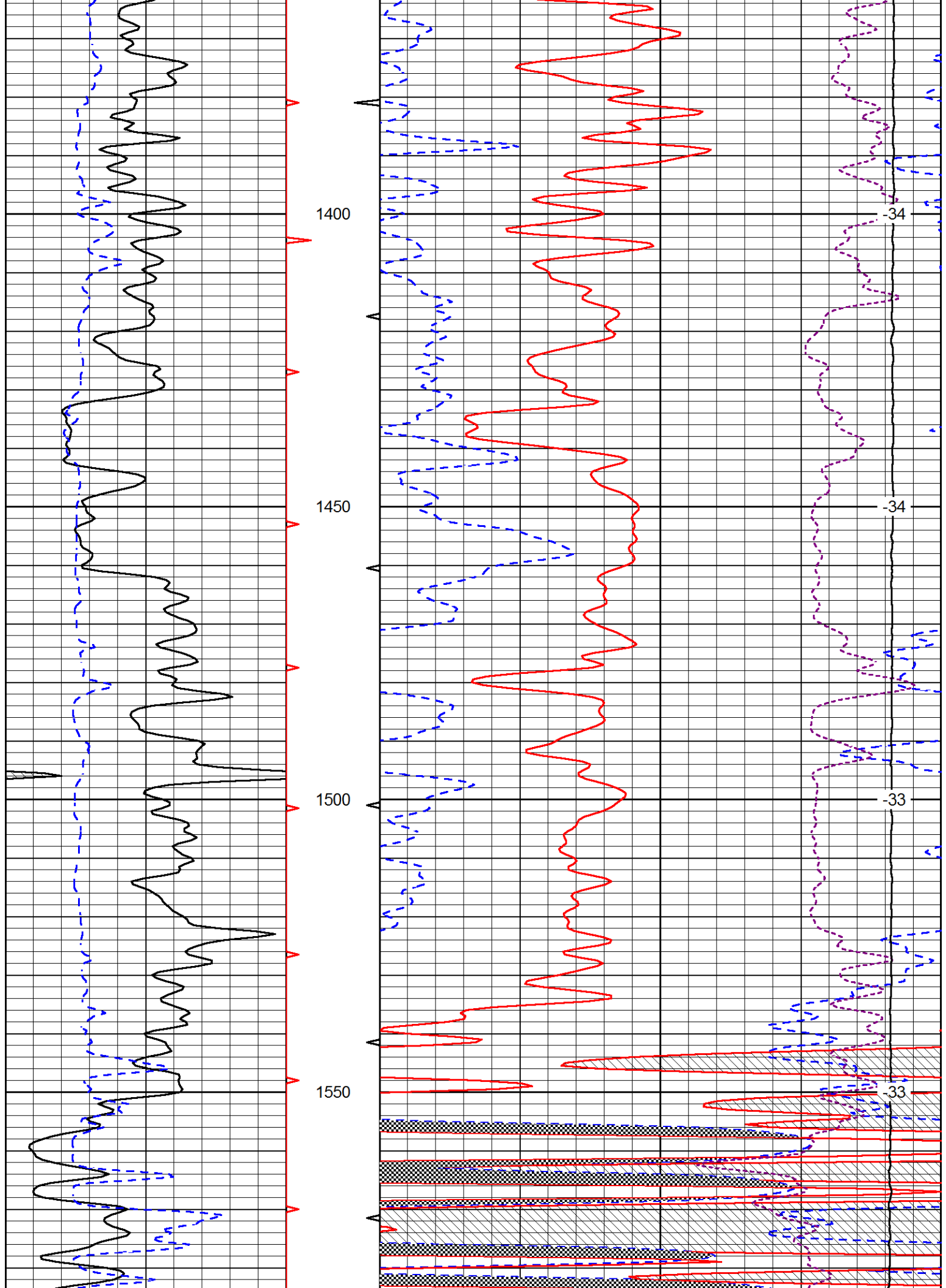


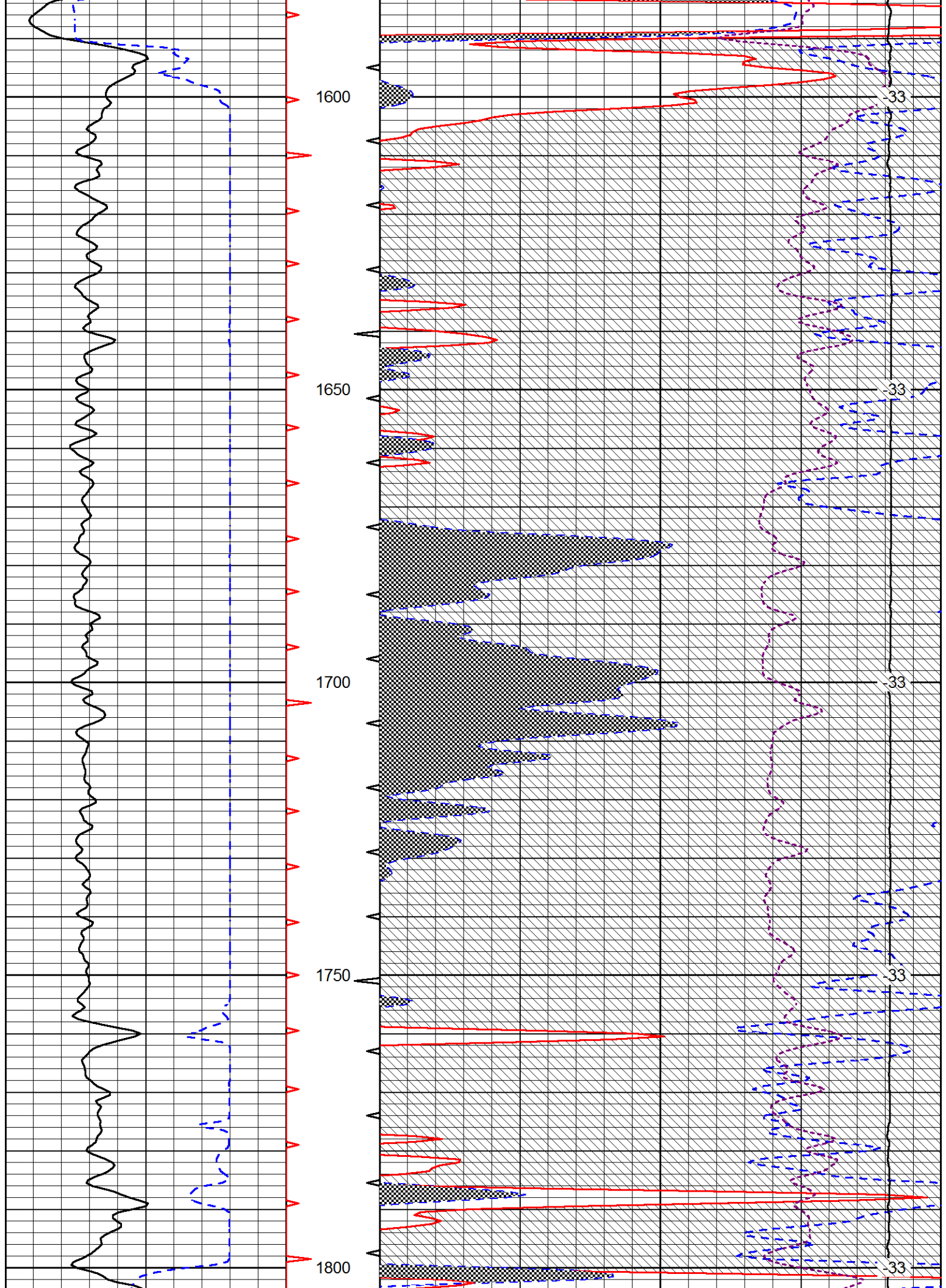
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Presentation Format	cndlspec
Dataset Creation	Sat Dec 12 17:23:58 2015
Charted by	Depth in Feet scaled 1:240

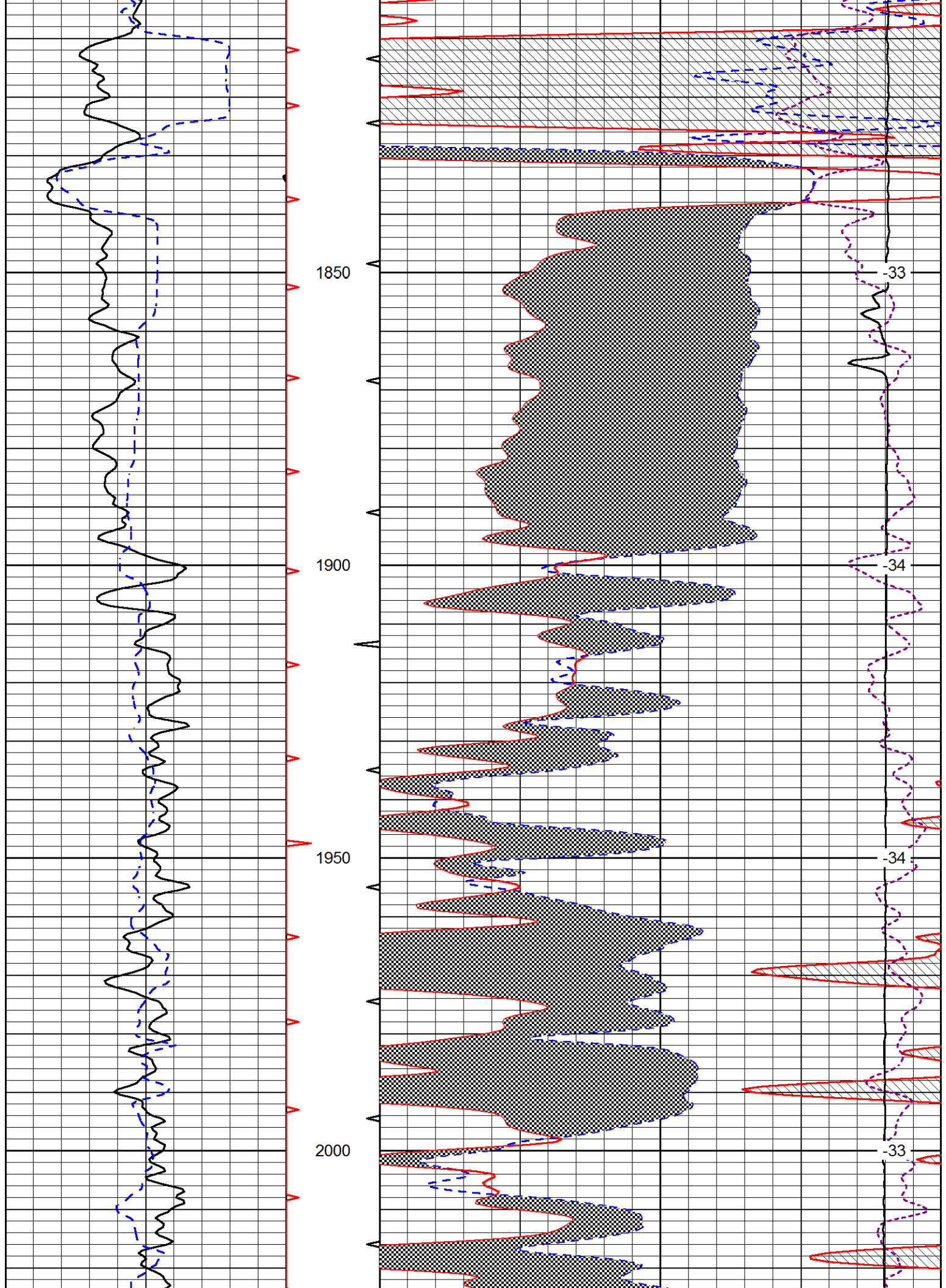


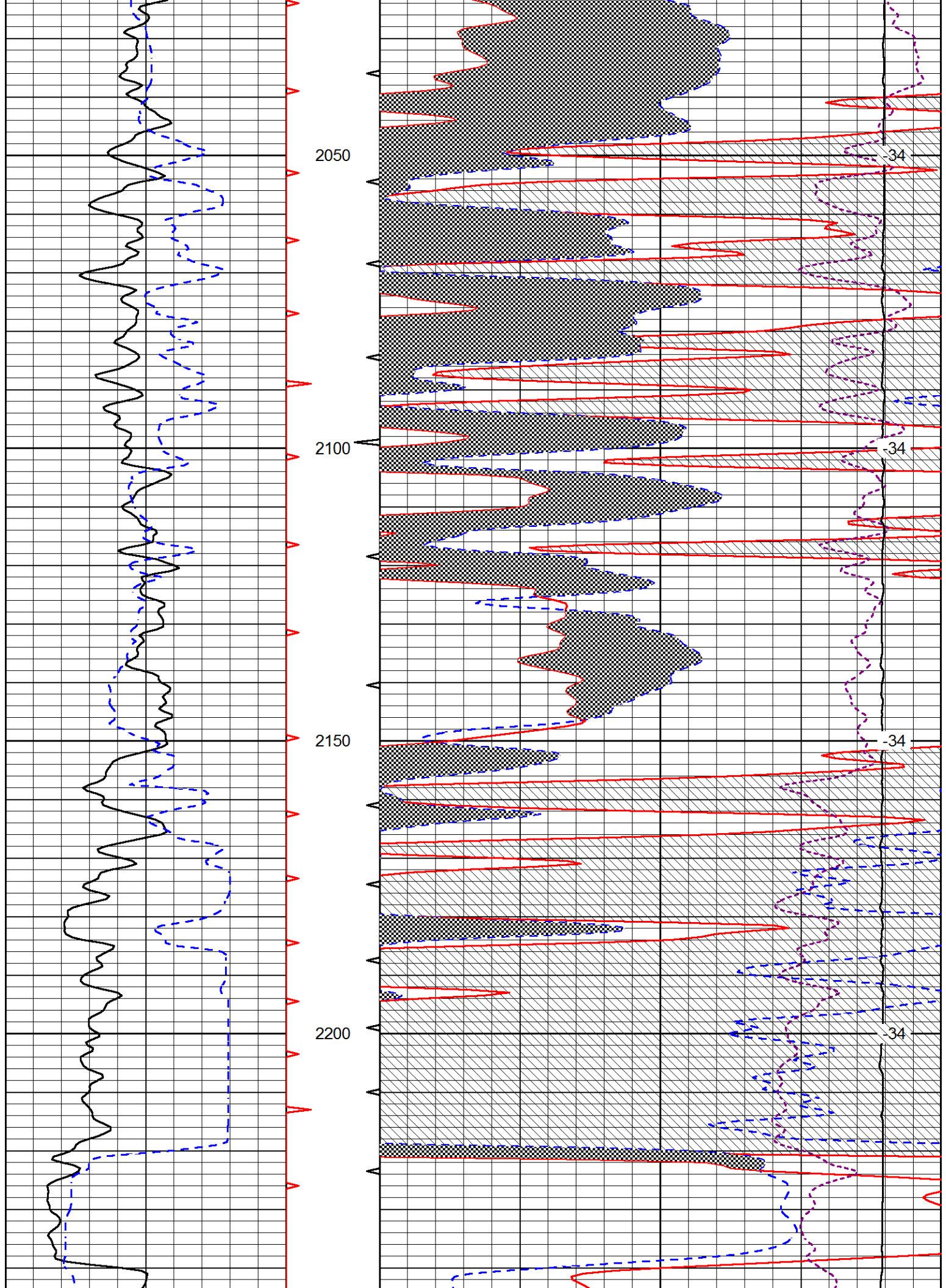


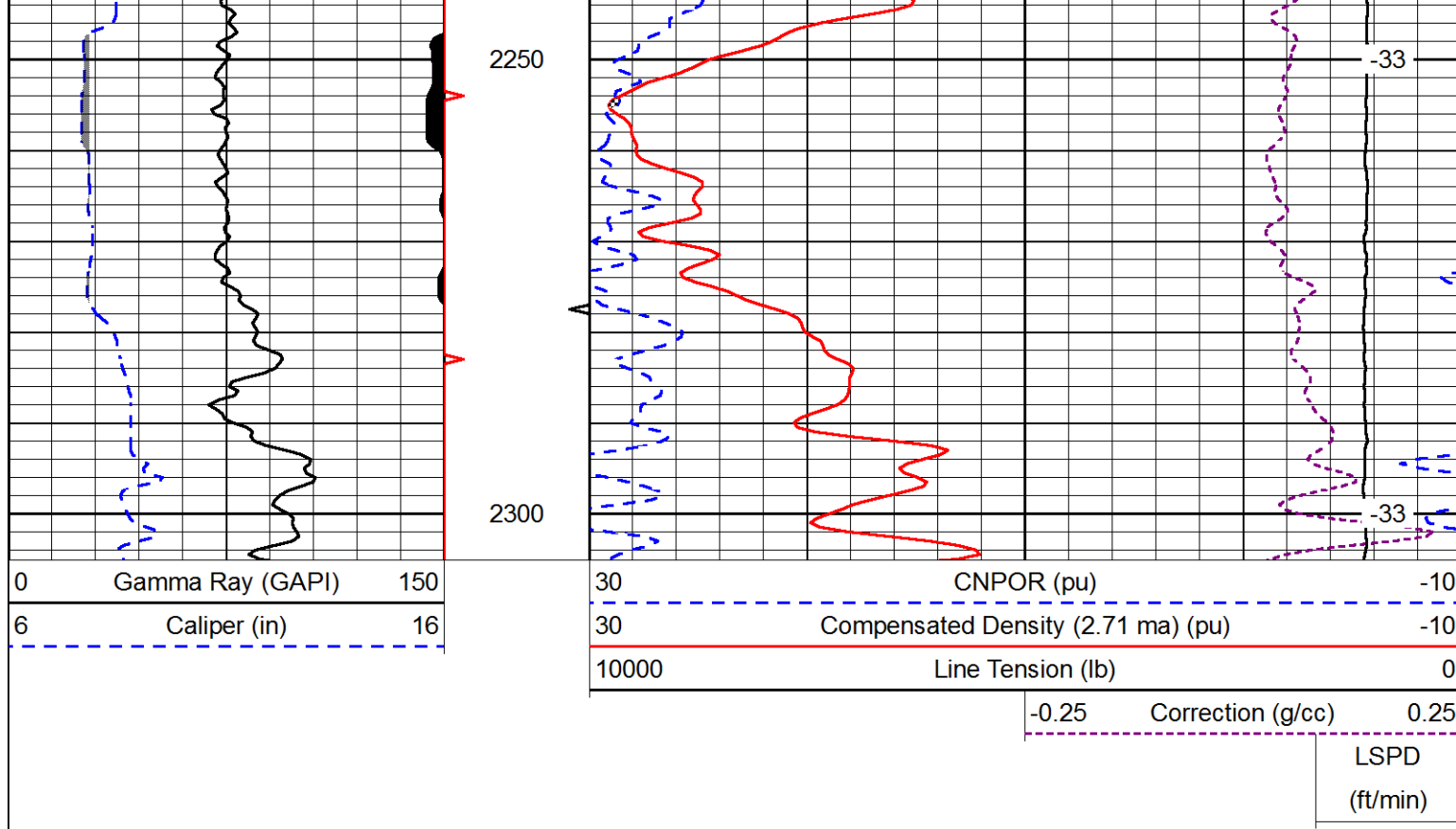












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Dataset Pathname DIL/concstck3
Presentation Format cndlspec
Dataset Creation Sat Dec 12 17:23:58 2015
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