



Dual Compensated Porosity Log

Pioneer Energy Services

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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

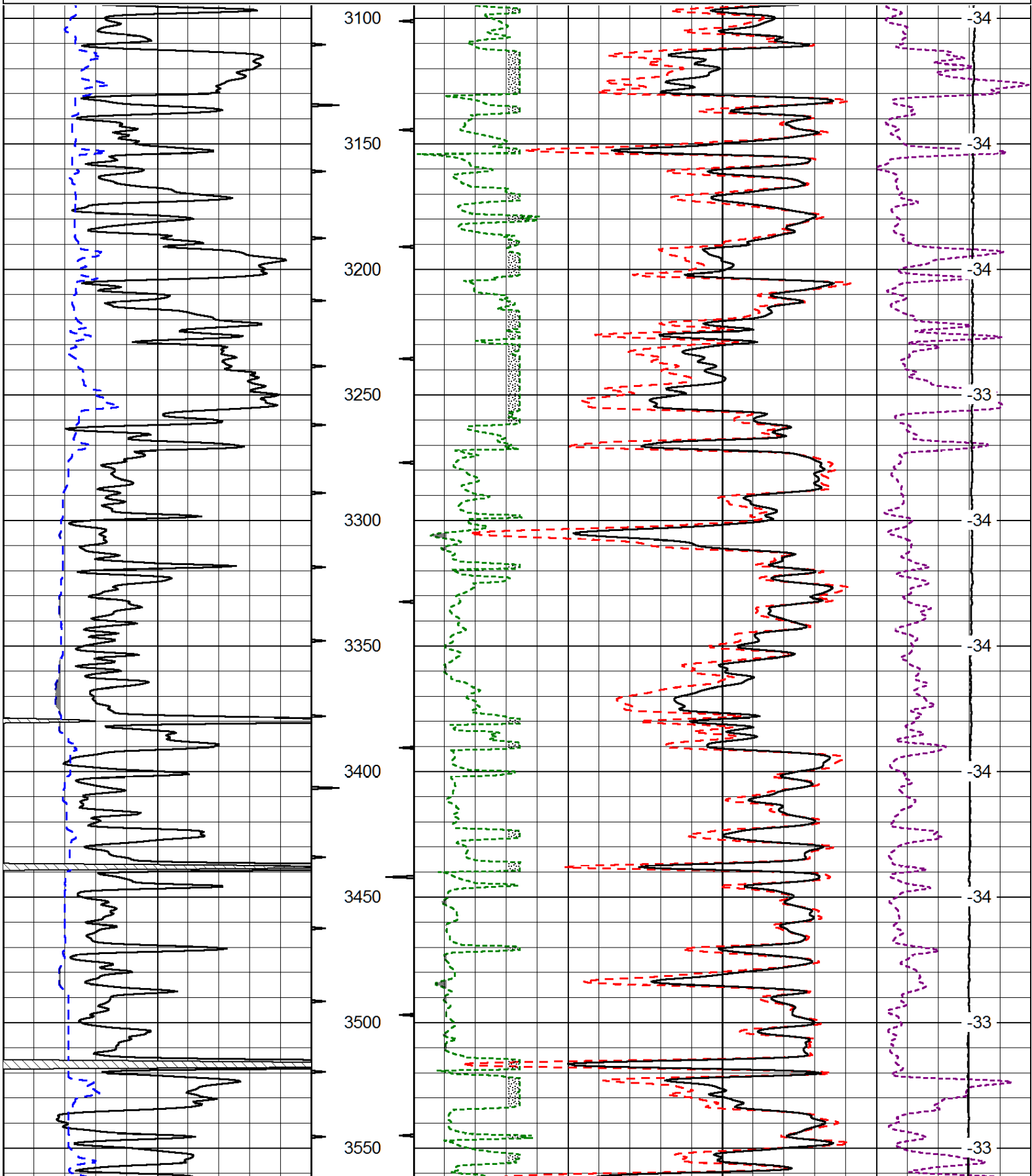
Thank you for using Log-Tech, Inc.
(785) 625-3858

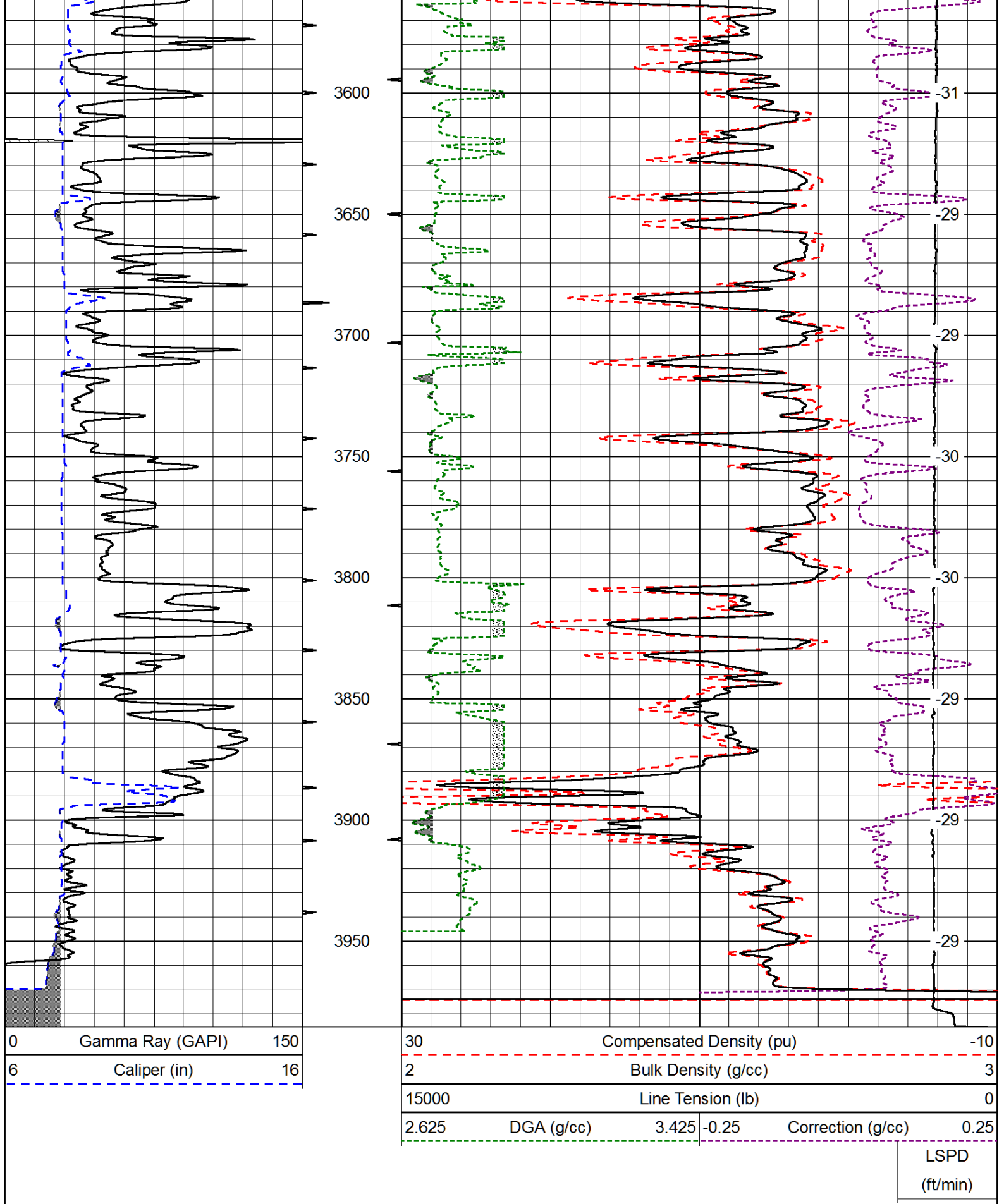
Hays, 7 West on Golf Course Road to 170 Road, 1 North, 1/2 West, North Into

```
Database File:      amwarrior_gieredel_4-31hd.db
Dataset Pathname:  dil/awstck
Presentation Format: cdl
Dataset Creation:   Wed Mar 13 05:00:58 2013
Charted by:        Depth in Feet scaled 1:600
```

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)



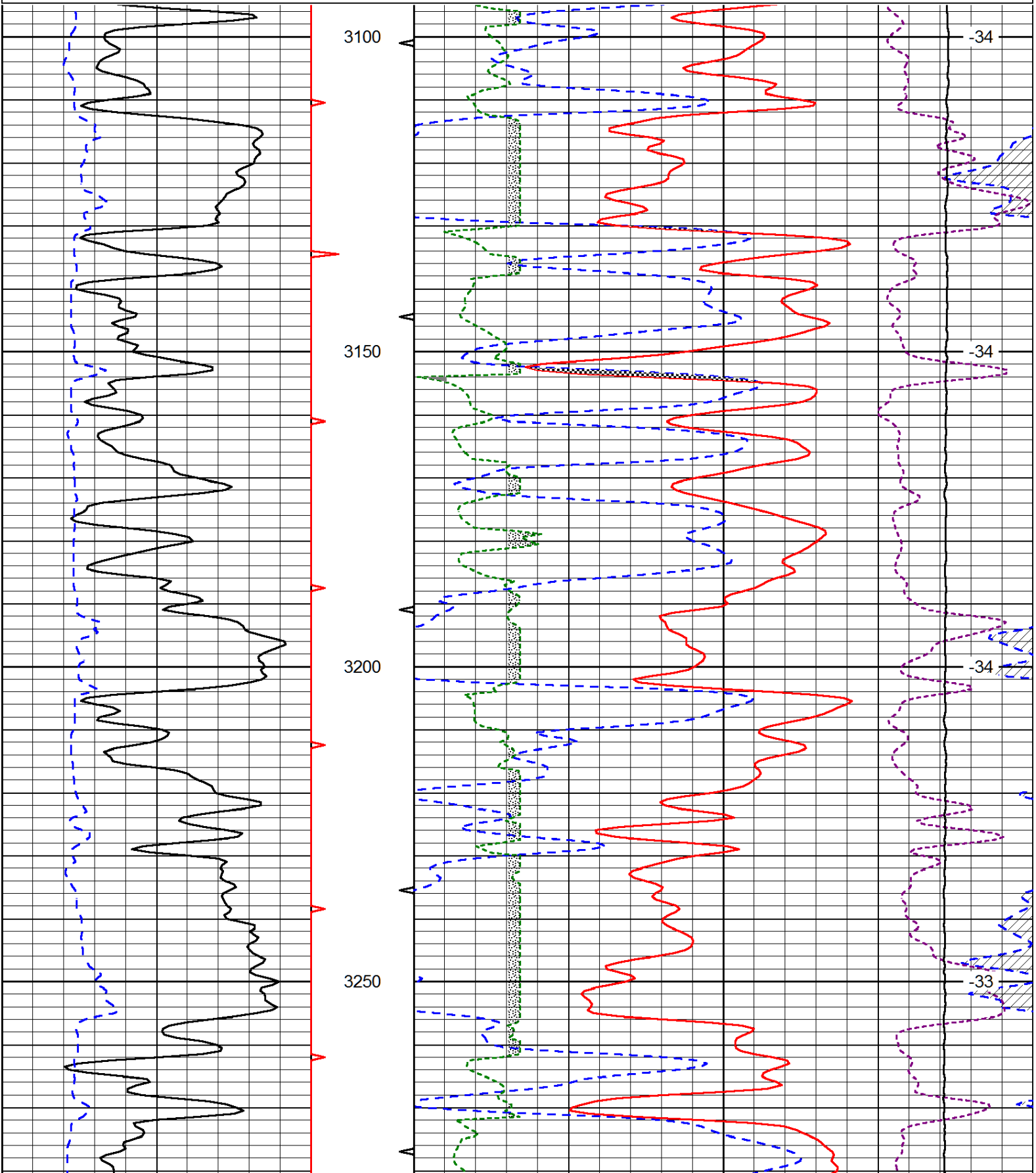


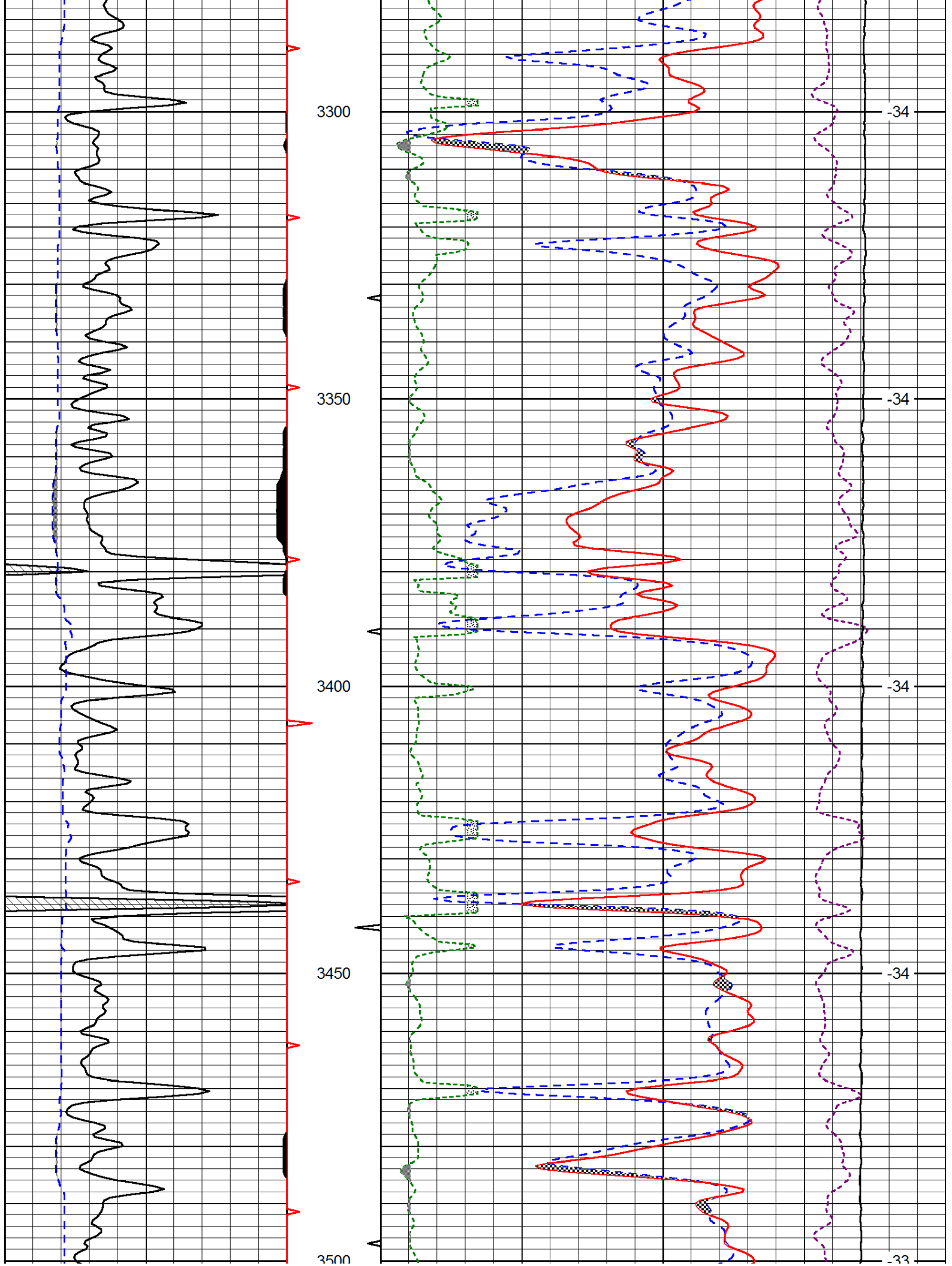
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Dataset Creation: Wed Mar 13 05:00:58 2013

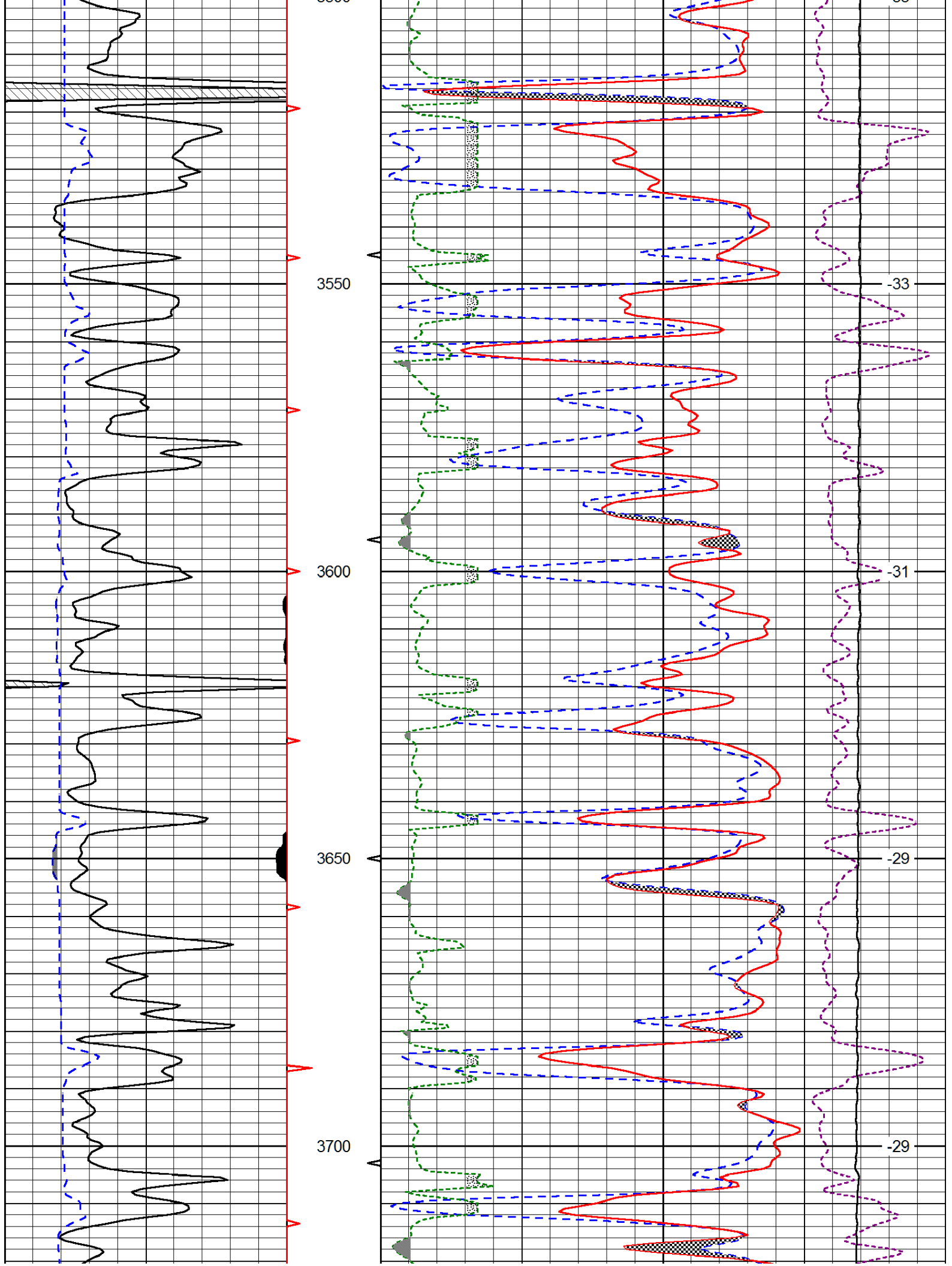
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

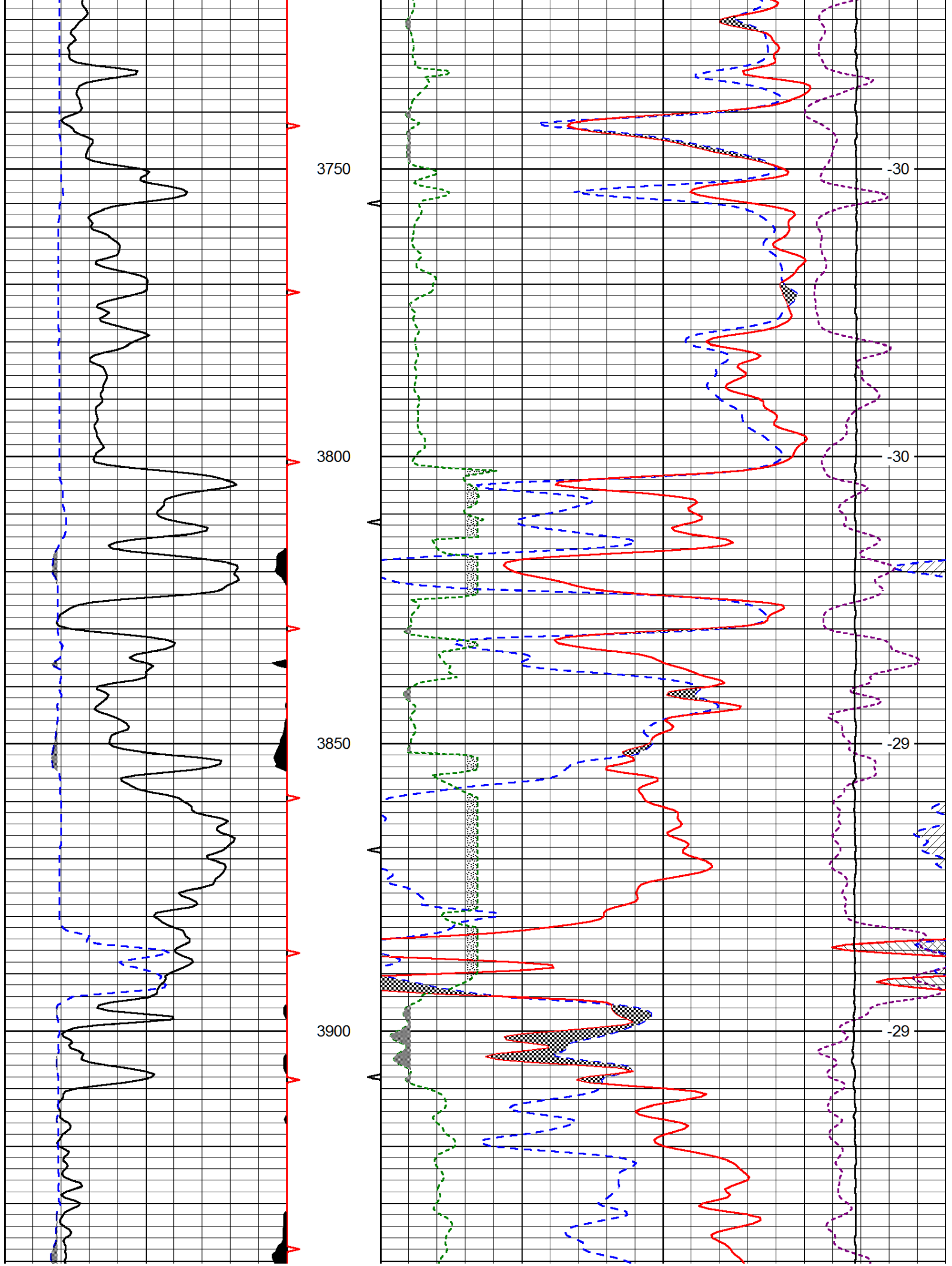
30	CNLS (pu)		-10
30	Compensated Density (2.71 ma) (pu)		-10
2.625	DGA (g/cc)	3.425	-0.25
	Correction (g/cc)		0.25
10000	Line Tension (lb)		0

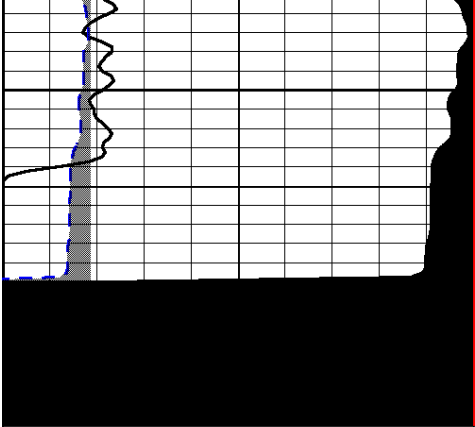
LSPD
(ft/min)



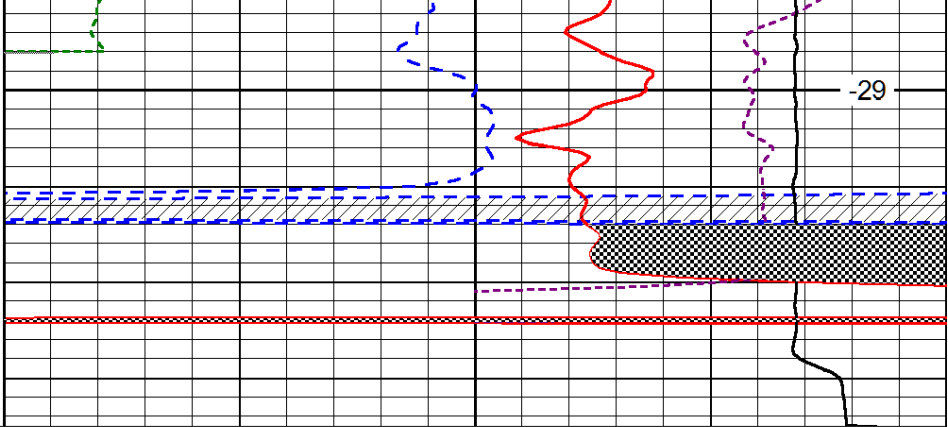








3950



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)