PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No. 15-055-22,295-00-00

Company American Warrior, Inc.

Well Clark #4-2

Field

County Finney State Kansas

Location 2,046' FSL & 2,309' FEL

Sec: 2 Twp: 25S Rge: 31W

Permanent Datum Ground Level Elevation 2839

Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Other Services
DIL
MEL

Elevation
K.B. 2850
D.F.
G.L. 2839

Date	5/2/2014
Run Number	One
Type Log	CNL / CDL
Depth Driller	5025
Depth Logger	5023
Bottom Logged Interval	5002
Top Logged Interval	3900
Type Fluid In Hole	Chemical
Salinity, PPM CL	4500
Density	9.4
Level	Full
Max. Rec. Temp. F	126
Operating Rig Time	4 Hours
Equipment -- Location	108 Hays
Recorded By	J. Long
Witnessed By	Wyatt Urban

Borehole Record

Run No.	Bit	From	To
1	12.25	00	1688
2	7.875	1688	5025

Casing Record

Size	Wgt.	From	To
8.625	24#	00	1688

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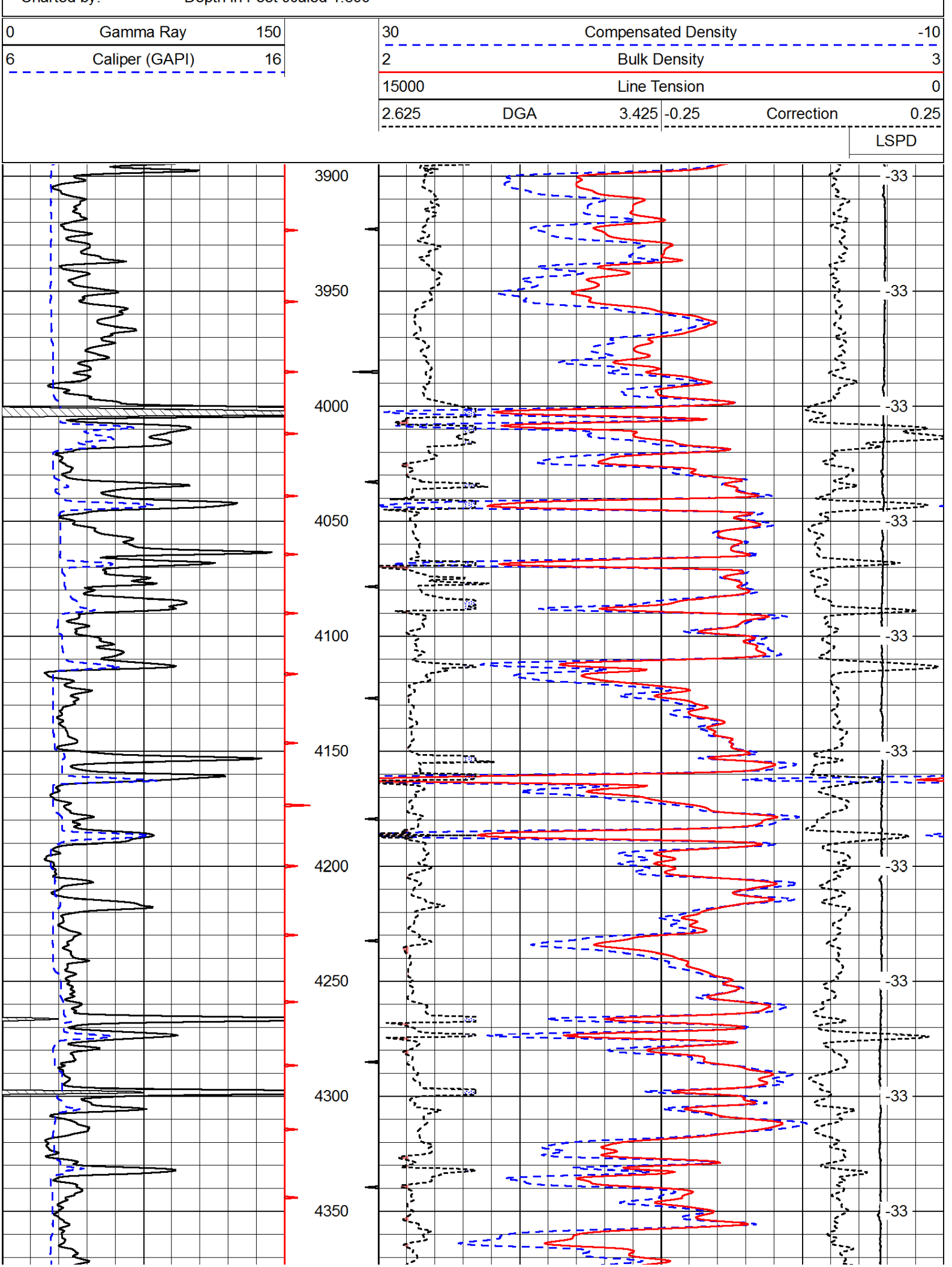
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

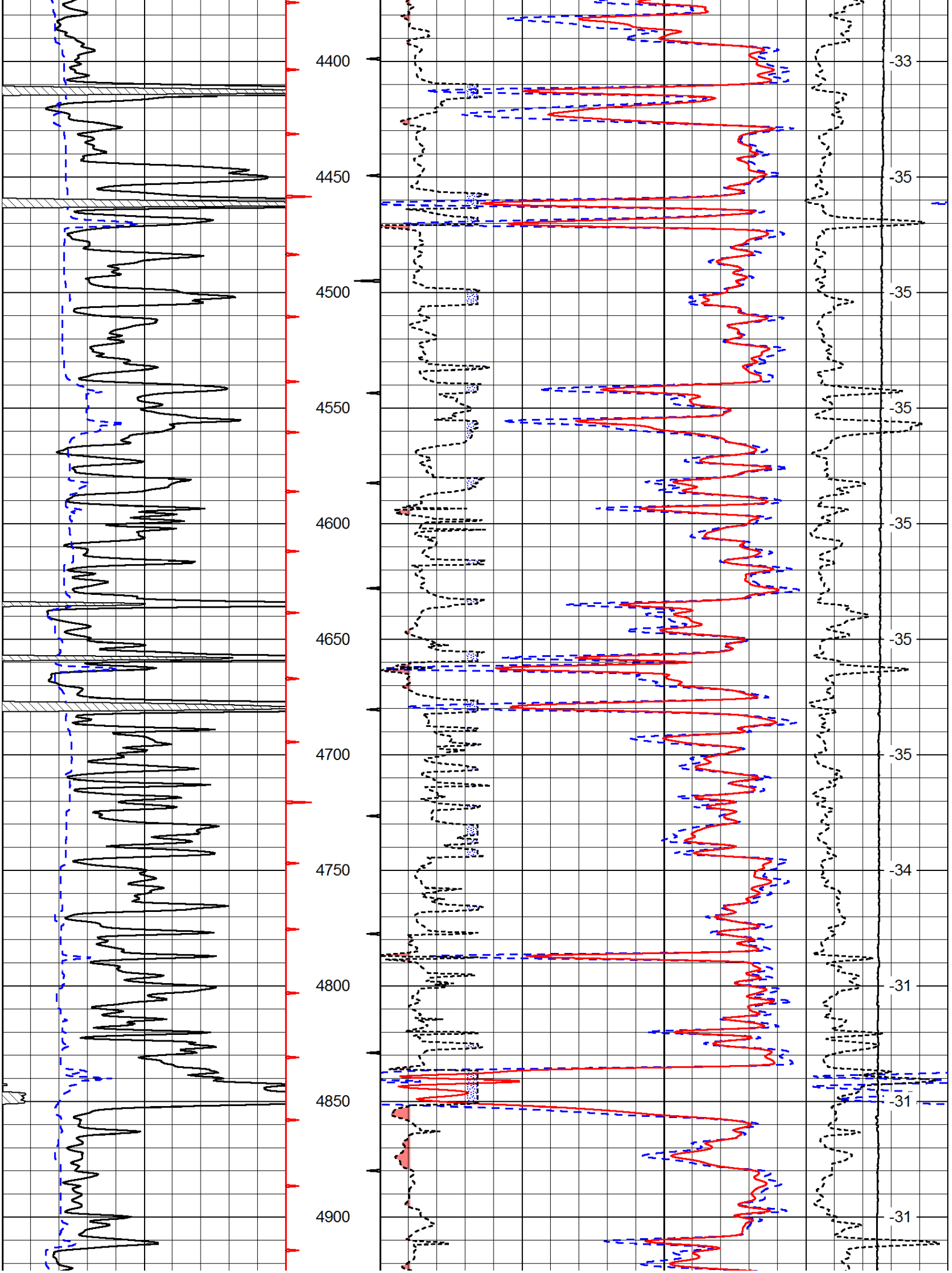
Comments

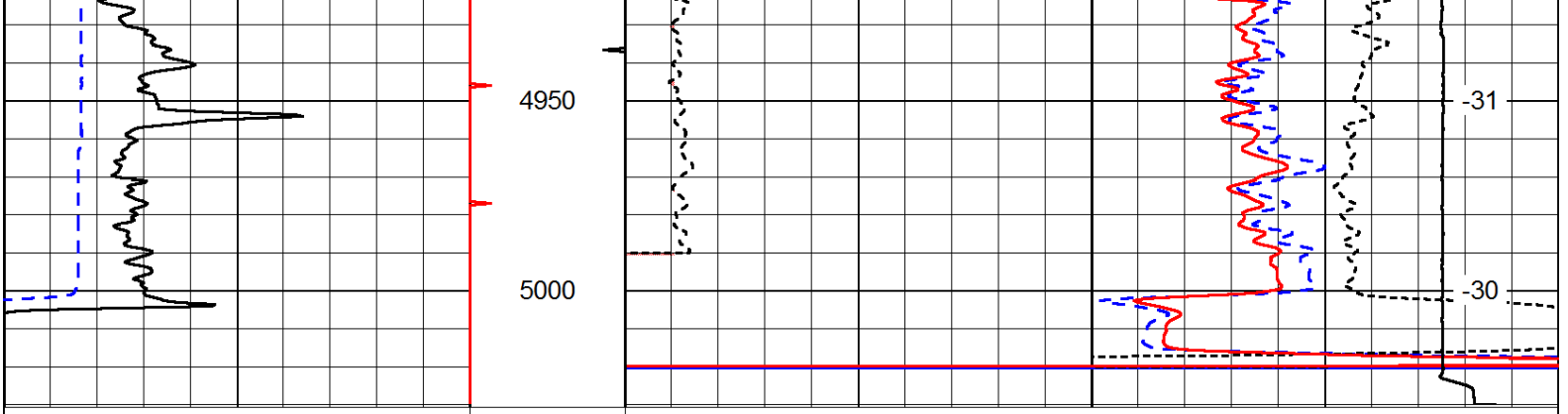
Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858

Garden City, Southeast on Highway 50/400 to Aerodrome Road, 1 1/2 East, 1/2 South, West Into

Database File:	c:\warrior\data\amwar_clark #4-2\amwarrior_clark_4-2hd.db
Dataset Pathname:	dil/amwastck
Presentation Format:	cdl
Dataset Creation:	Fri May 02 18:00:10 2014
Charted by:	Depth in Feet scaled 1:600


0 Gamma Ray 150
6 Caliper (GAPI) 16
30 Compensated Density -10
2 Bulk Density 3
15000 Line Tension 0
2.625 DGA 3.425
-0.25 Correction 0.25
LSPD
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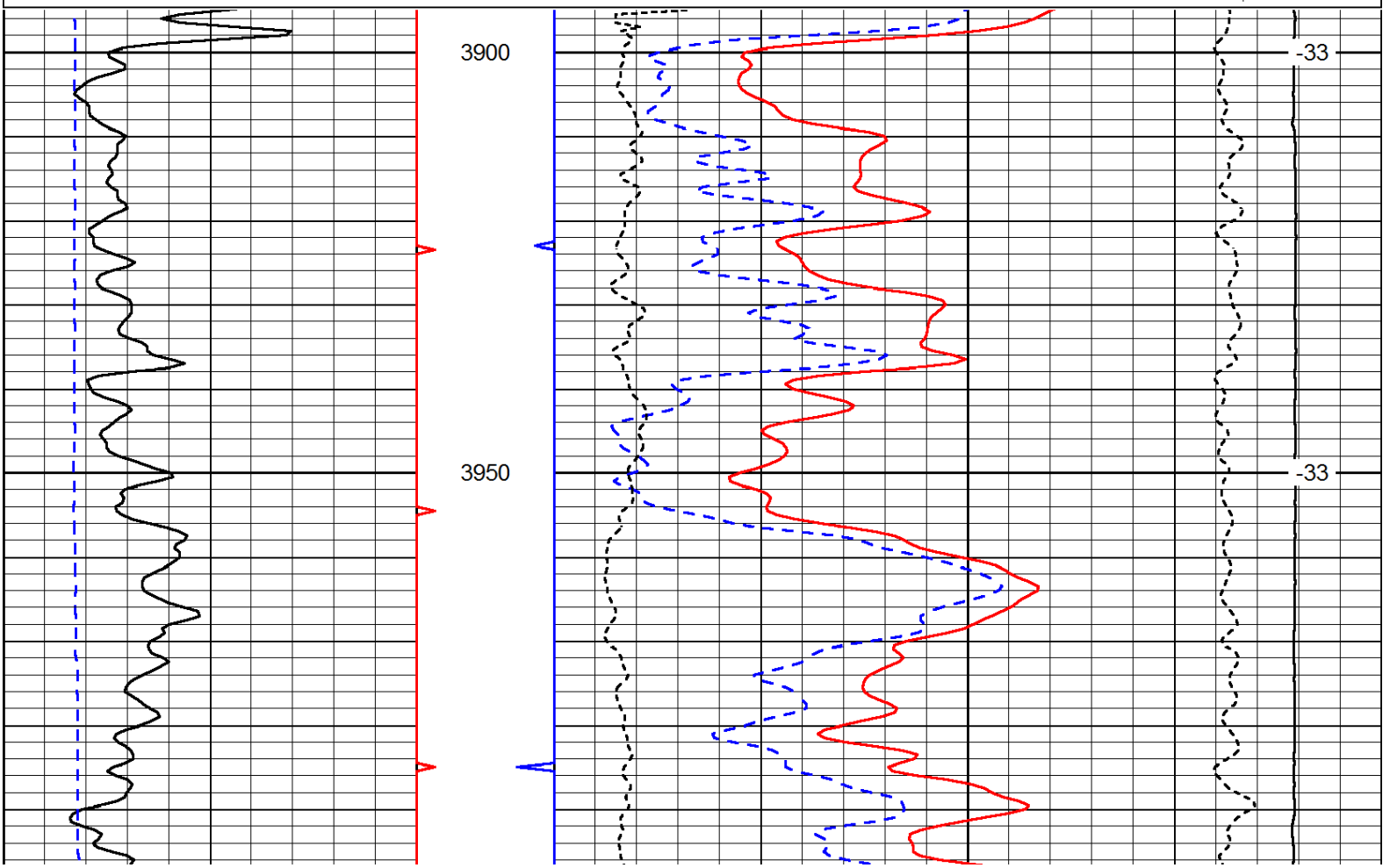
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6	Caliper (GAPI)	16

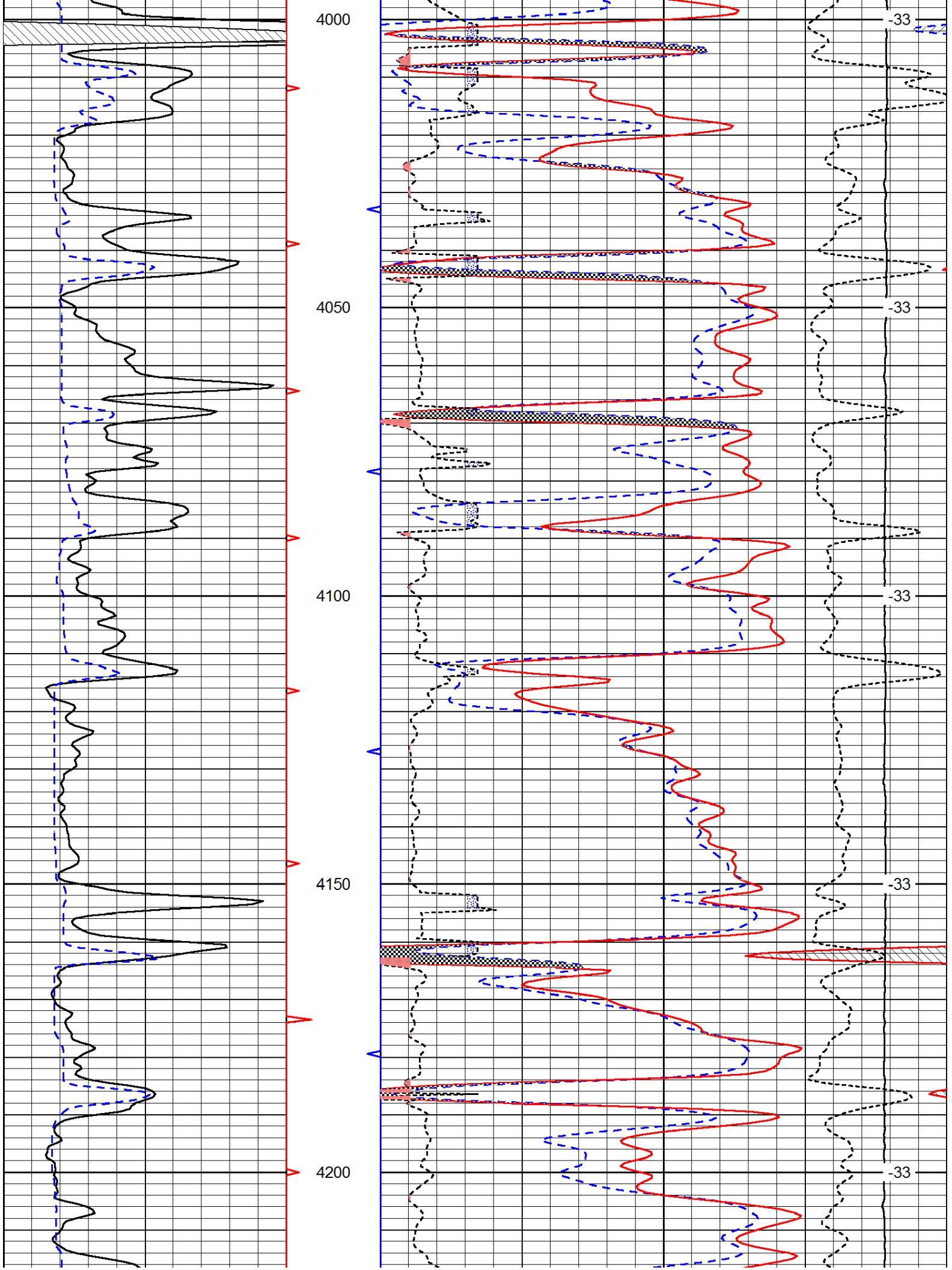
30	Compensated Density				-10
2	Bulk Density				3
15000	Line Tension				0
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD

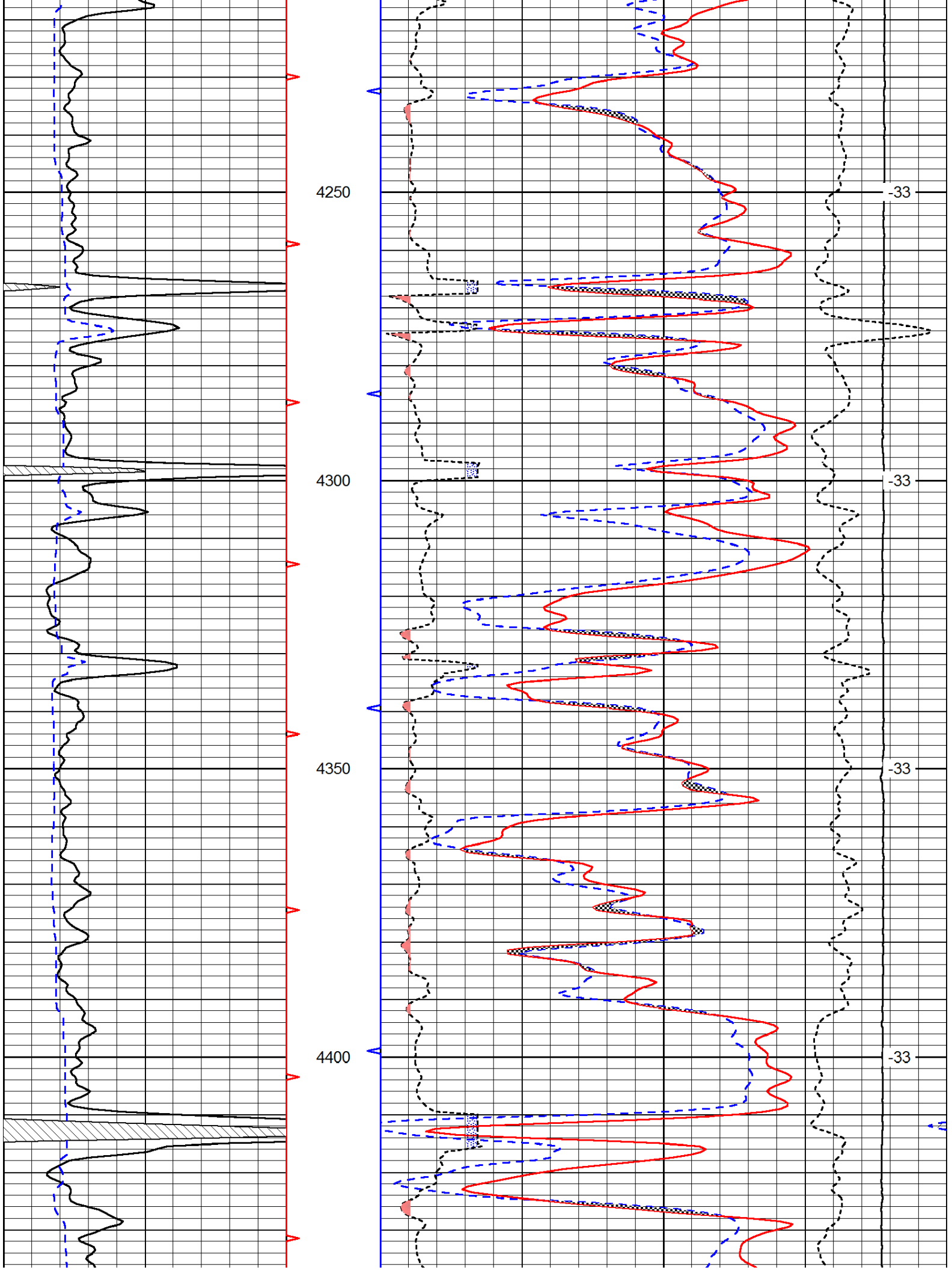
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Presentation Format:	cndlspec
Dataset Creation:	Fri May 02 18:00:10 2014
Charted by:	Depth in Feet scaled 1:240

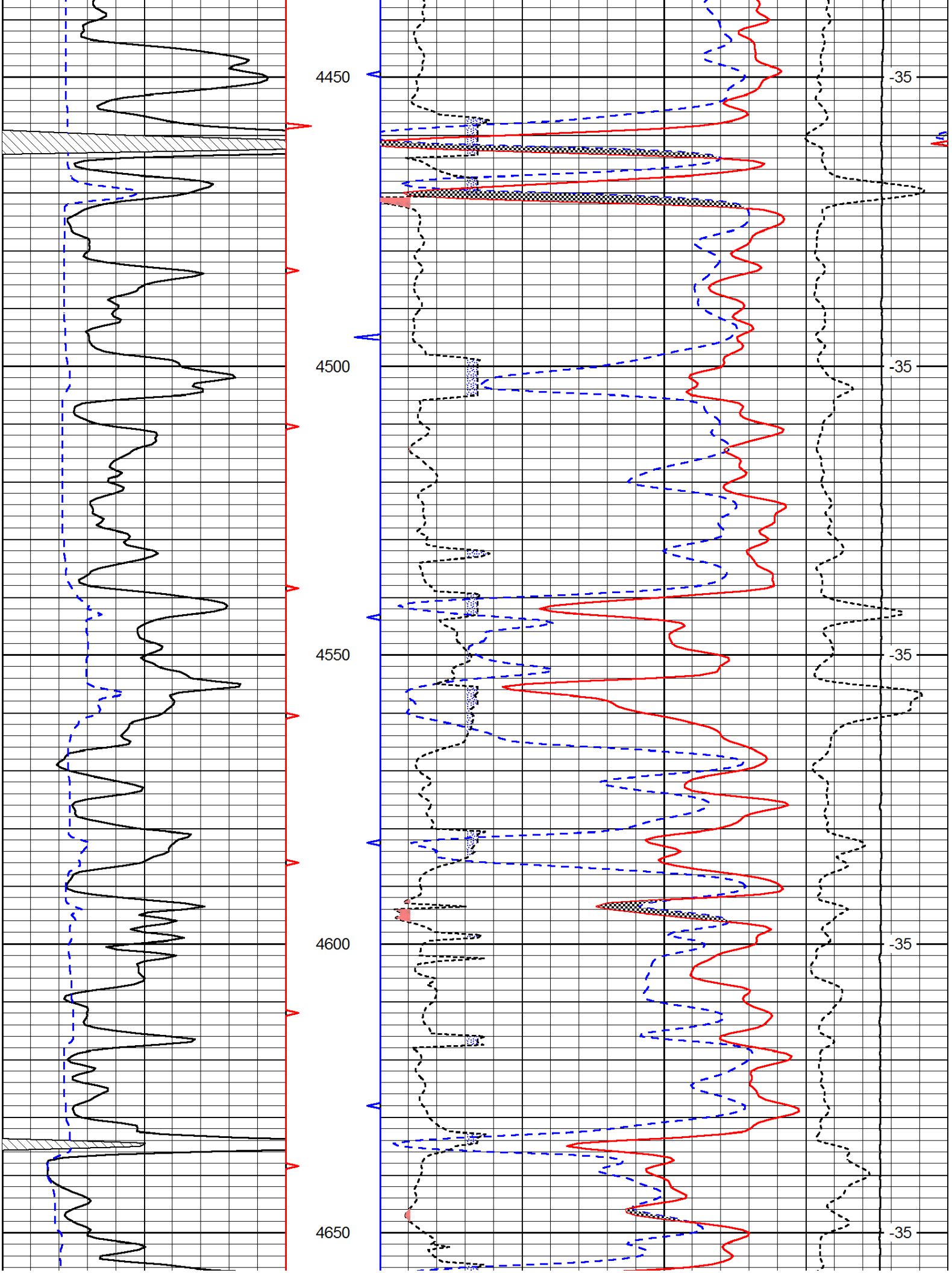
0	Gamma Ray	150
6	Caliper (GAPI)	16

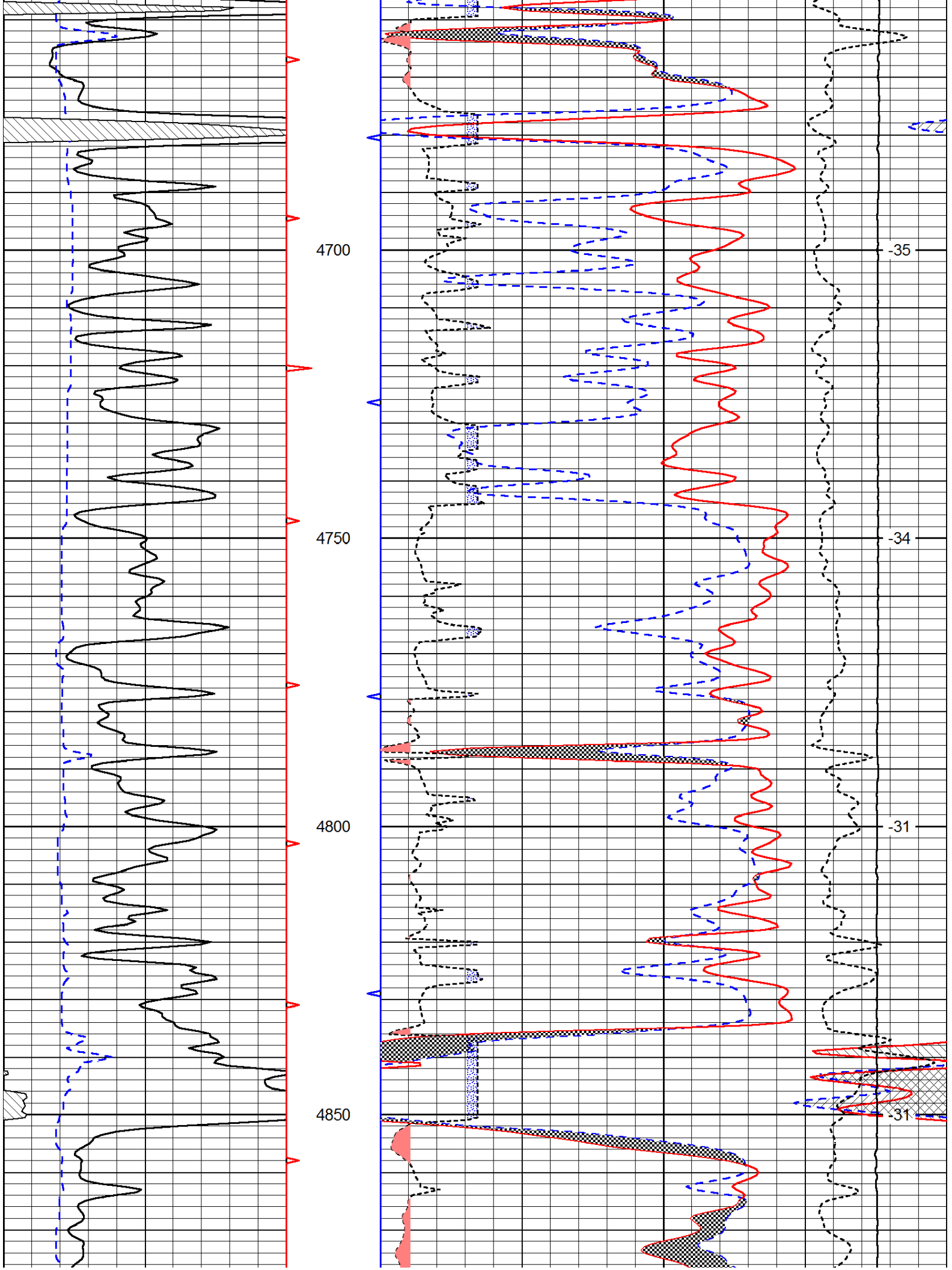
30	Compensated Neutron (Limestone)				-10
30	Compensated Density (Limestone)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0
					LSPD

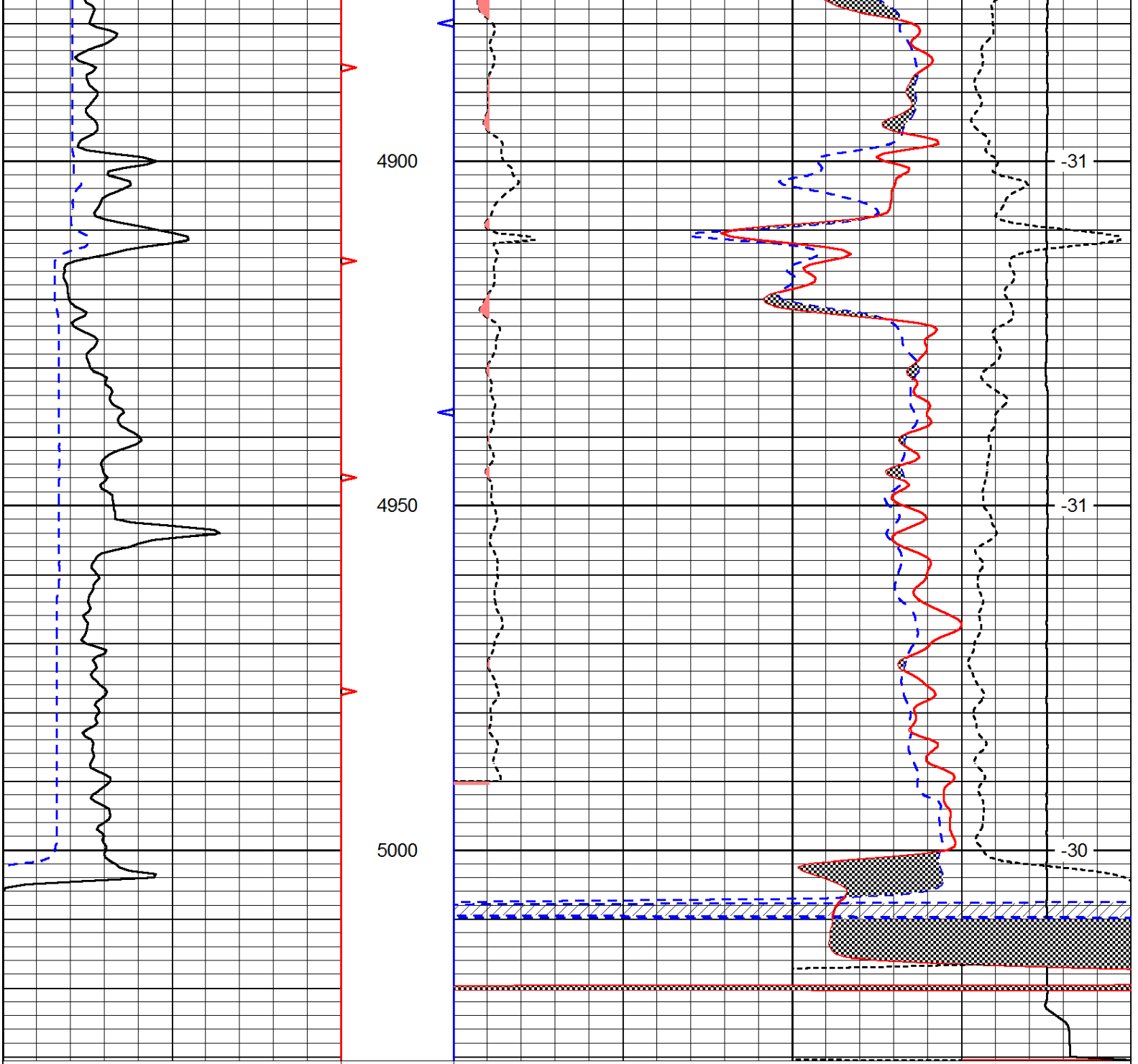



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0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron (Limestone)				-10
30	Compensated Density (Limestone)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0

LSPD