



Pioneer Energy Services

Dual Compensated Porosity Log

15-135-25,455-00-00

API No.

Company **American Warrior, Inc.**
 Well **Seltman No. 10**
 Field **Pabst**
 County **Ness** State **Kansas**

Location **720' FNL & 1100' FWL**
 Sec: **25** Twp: **18S** Rge: **21W**

Other Services
DIL

Permanent Datum **Ground Level** Elevation **2087**
 Log Measured From **Kelly Bushing** **8** Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
K.B. 2095
D.F. 2095
G.L. 2087

Date	4/15/2013
Run Number	One
Type Log	CNL / CDL
Depth Driller	4170
Depth Logger	4174
Bottom Logged Interval	4153
Top Logged Interval	2100
Type Fluid In Hole	Chemical
Salinity, PPM CL	6200
Density	8.8
Level	Full
Max. Rec. Temp. F	118
Operating Rig Time	3 Hours
Equipment -- Location	15 Hays
Recorded By	J. Henrickson
Witnessed By	Jason Alm
Recorded By	D. Kerr

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	1302	8.625	24#	00	1302
2	7.875	1302	4170				

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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.pioneerenergy.com
 785 625 3858
 Alexander Ks
 3 W, N into at Tank Batteries

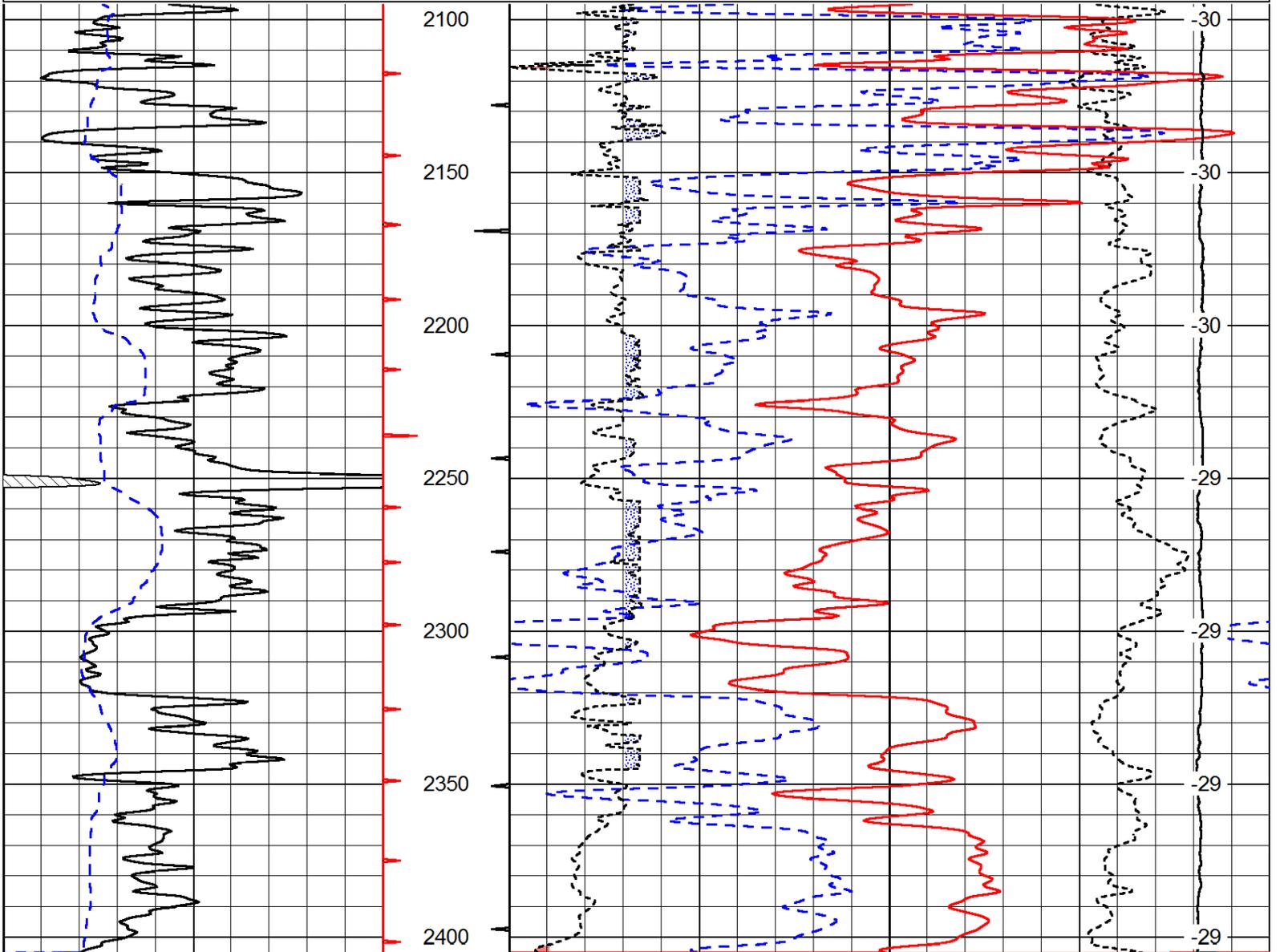


Dolomite Matrix (2.87)

Database File: c:\warrior\data\amwar_seltman #10\americanwarrior_seltman_10hd.db
 Dataset Pathname: DIL/awdol
 Presentation Format: cdl
 Dataset Creation: Mon Apr 15 13:57:29 2013
 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			



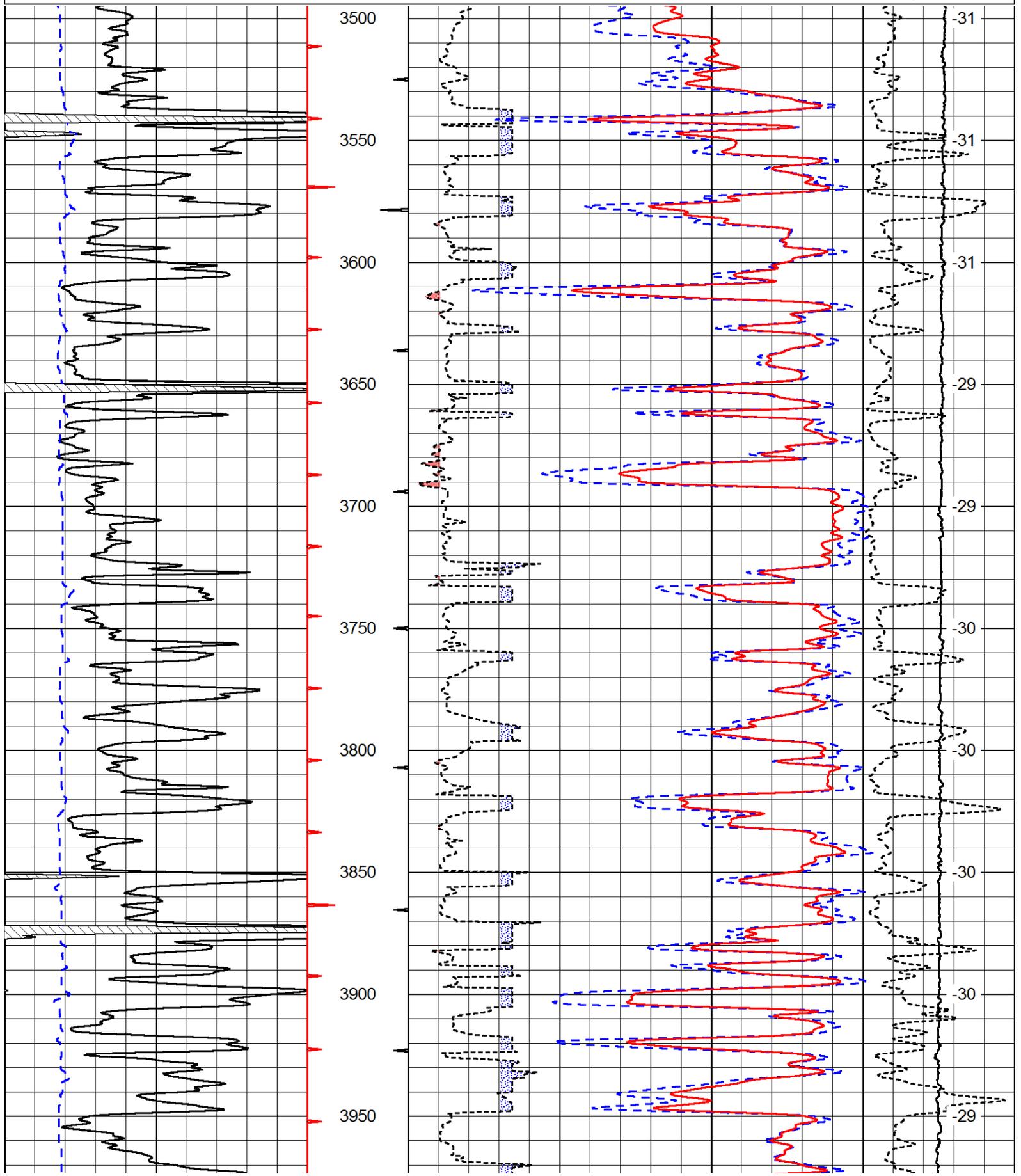
0	Gamma Ray	150
6	Caliper (GAPI)	16

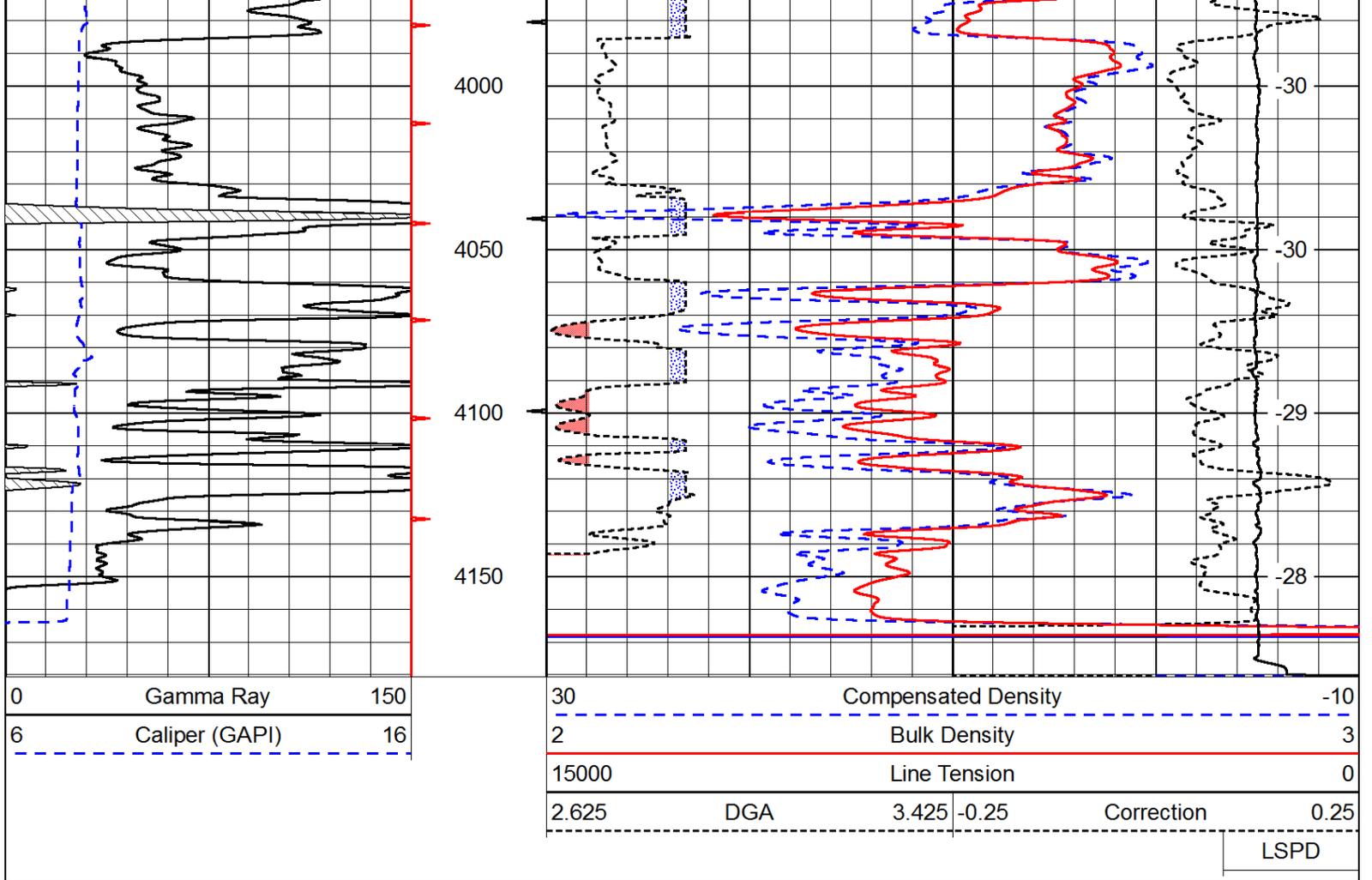
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425 -0.25	Correction 0.25
LSPD			

Database File: c:\warrior\data\amwar_seltman #10\americanwarrior_seltman_10hd.db
 Dataset Pathname: DIL/awstk
 Presentation Format: cdl
 Dataset Creation: Mon Apr 15 13:57:29 2013
 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
			LSPD

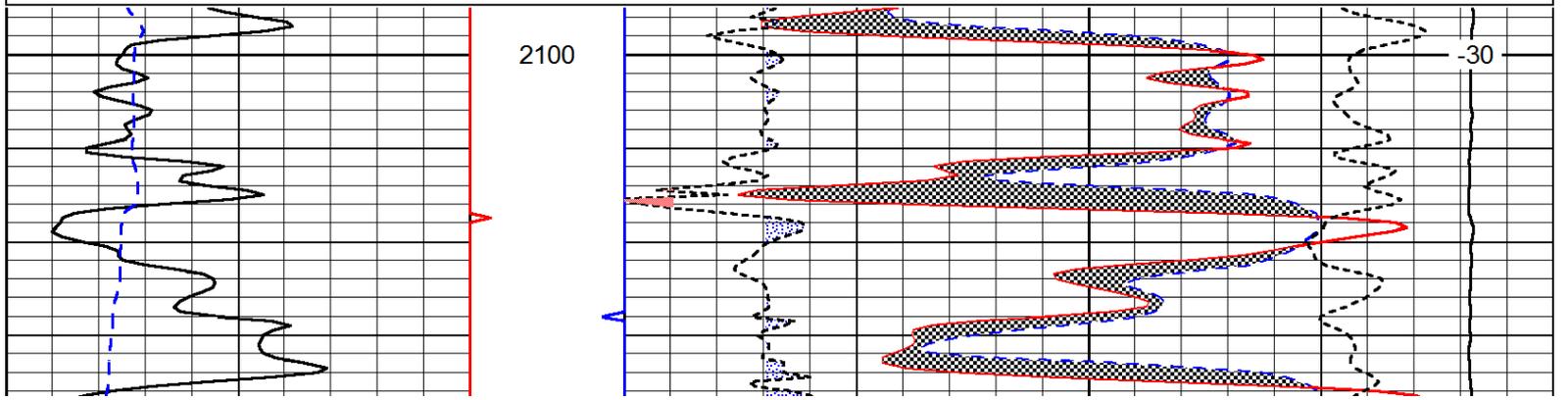
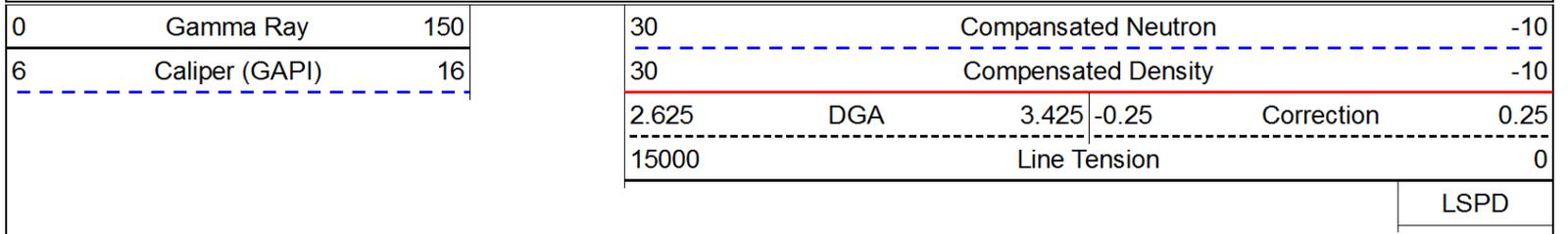


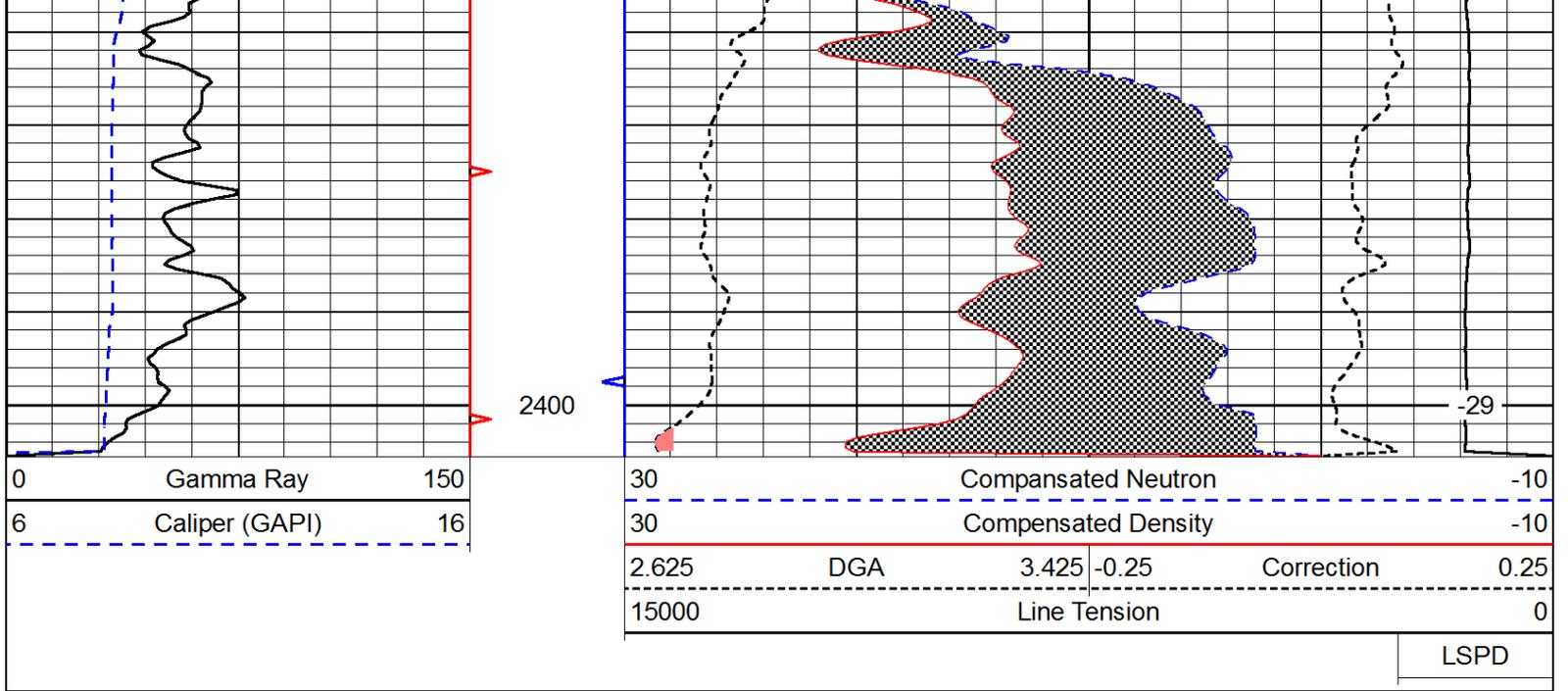



Dolomite Matrix (2.87)

Pioneer Energy Services

Database File: c:\warrior\data\amwar_seltman #10\americanwarrior_seltman_10hd.db
 Dataset Pathname: DIL/awdol
 Presentation Format: cndldolo
 Dataset Creation: Mon Apr 15 13:57:29 2013
 Charted by: Depth in Feet scaled 1:240





Database File: c:\warrior\data\amwar_seltman #10\americanwarrior_seltman_10hd.db
 Dataset Pathname: DIL/awstk
 Presentation Format: cndlspec
 Dataset Creation: Mon Apr 15 13:57:29 2013
 Charted by: Depth in Feet scaled 1:240

