PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No. 15-055-22,293-00-00

Company American Warrior, Inc.

Well Clark #3-2

Field Unknown

County Finney State Kansas

Location 2165' FSL & 1738' FEL

Sec: 2 Twp: 25S Rge: 31W

Permanent Datum Ground Level Elevation 2828

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

Drilling Measured From Kelly Bushing

Other Services
DIL
MEL

Elevation
K.B. 2839
D.F.
G.L. 2828

	Run No.	Bit	From	To	Size	Wgt.	From	To
Borehole Record	1	12.25	00	1689	8.625	24#	00	1689
	2	7.875	1689	5000				
Casing Record								

Date	4/19/2014
Run Number	One
Type Log	CNL / CDL
Depth Driller	5000
Depth Logger	4999
Bottom Logged Interval	4978
Top Logged Interval	3900
Type Fluid In Hole	Chemical
Salinity, PPM CL	3700
Density	9.55
Level	Full
Max. Rec. Temp. F	126
Operating Rig Time	4 1/2 Hours
Equipment -- Location	15 Hays
Recorded By	D.Kerr
Witnessed By	Kevin Timson

<<< Fold Here >>>

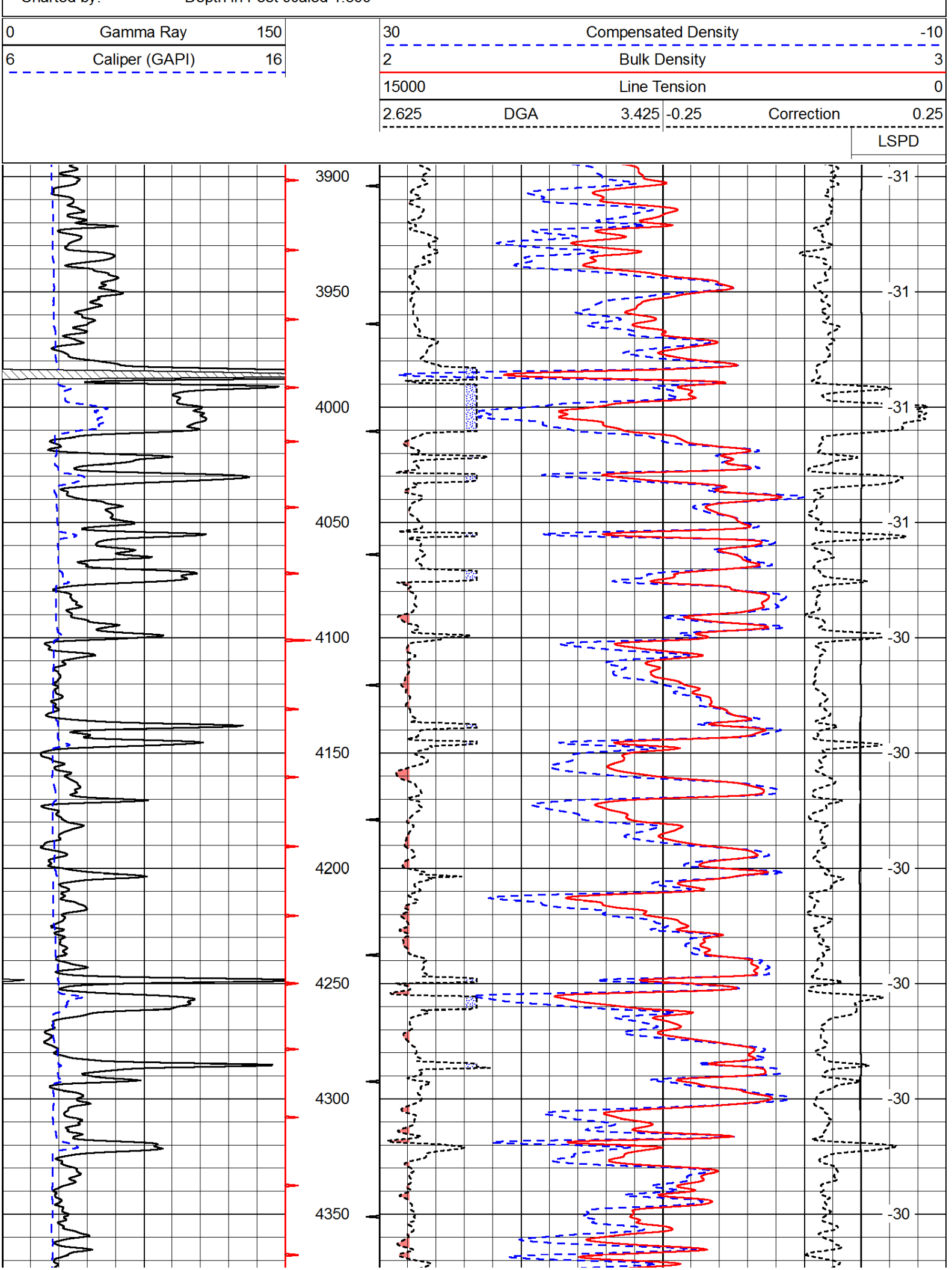
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

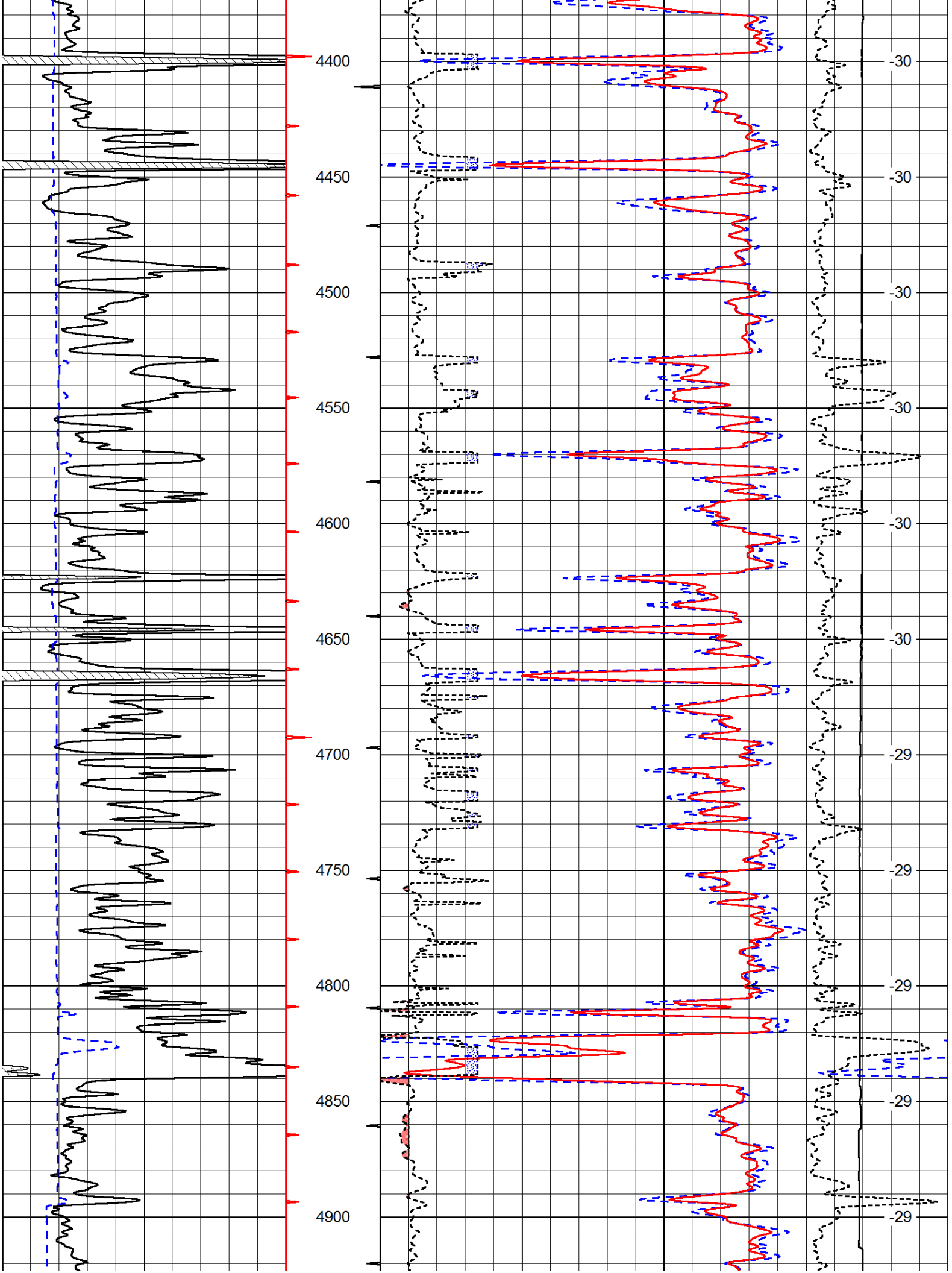
Comments

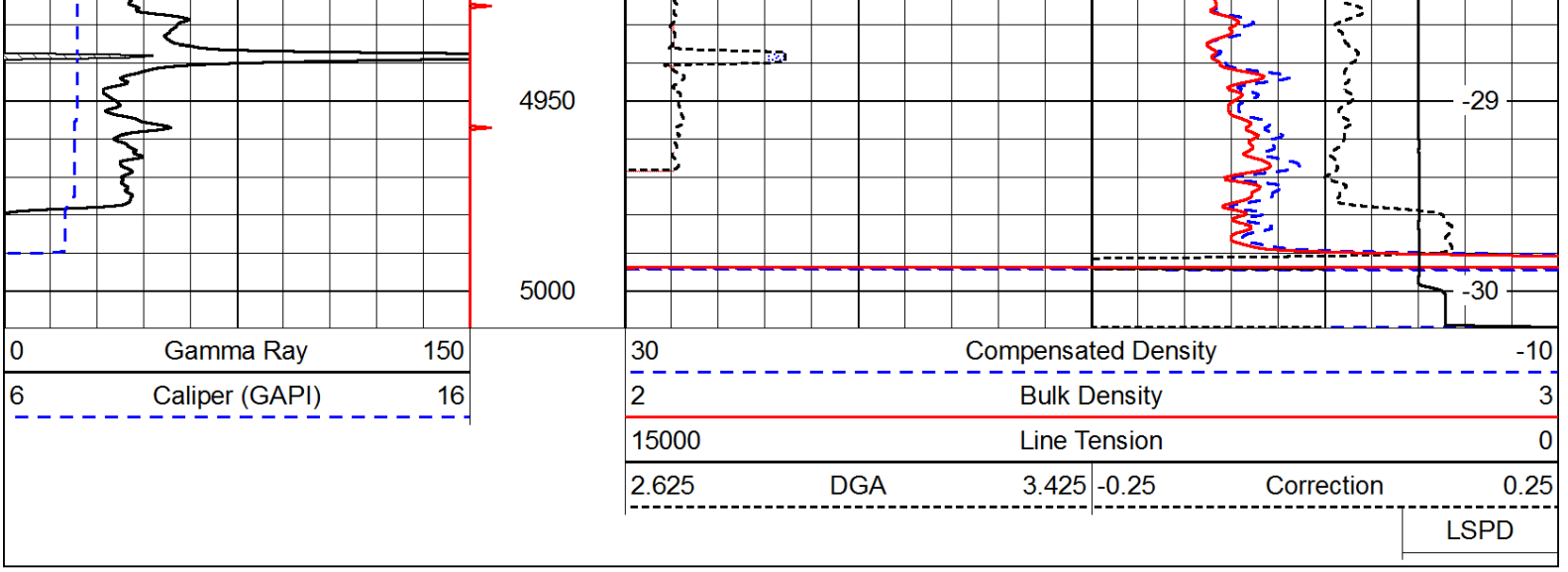
Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858

Garden City KS, Southwest on HWY 50 to Aerodrome RD,
1 1/2 East, 3/4 South, West Into

Database File:	c:\warrior\data\amwar_clark #3-2\amwarrior_clark_3_2hd.db
Dataset Pathname:	DIL/awstk
Presentation Format:	cdl
Dataset Creation:	Sat Apr 19 11:54:44 2014
Charted by:	Depth in Feet scaled 1:600


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
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
-31
-31
-31
-31
-30
-30
-30
-30
-30
-30


4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
-30
-30
-30
-30
-30
-29
-29
-29
-29
-29



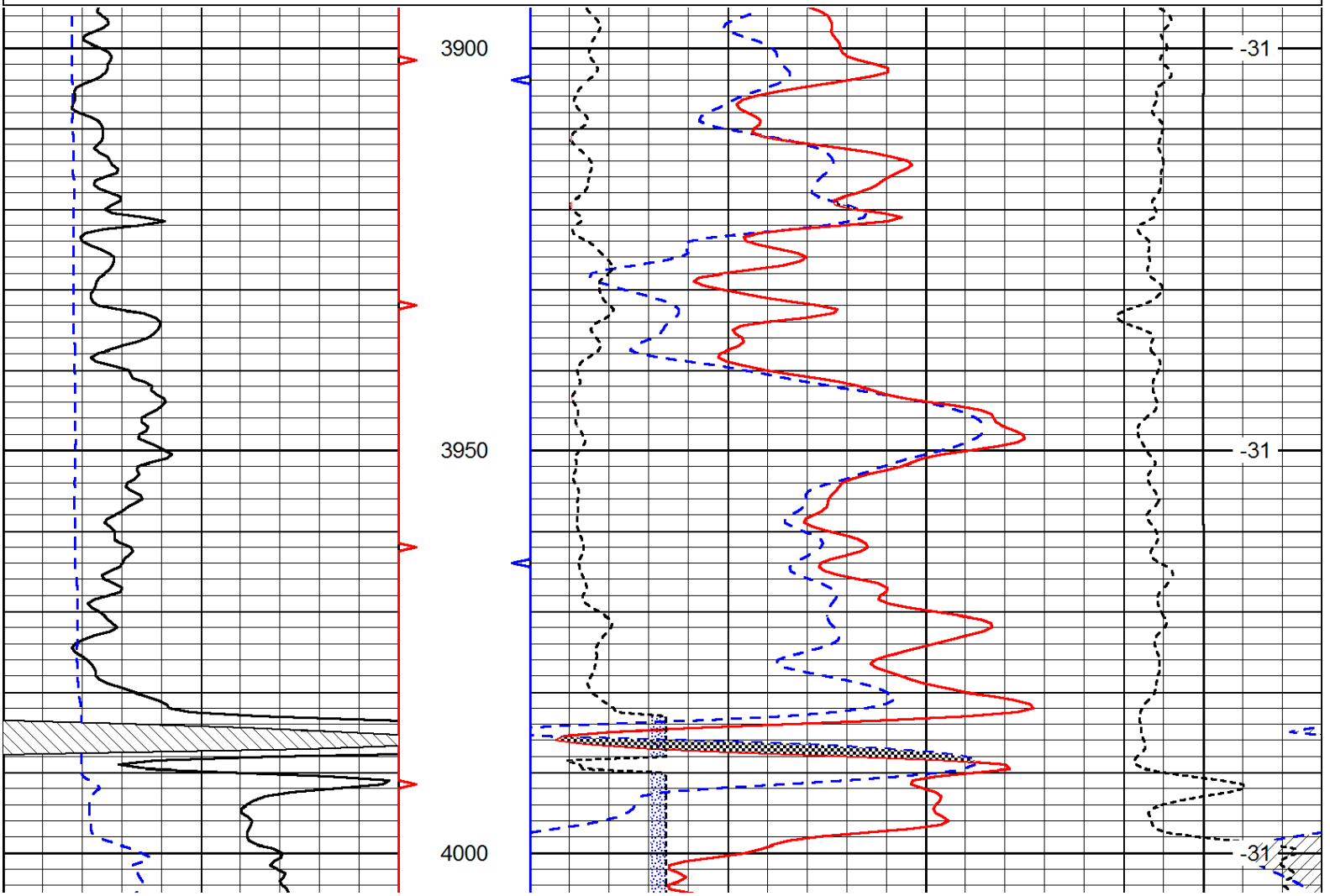
0	Gamma Ray	150
6	Caliper (GAPI)	16

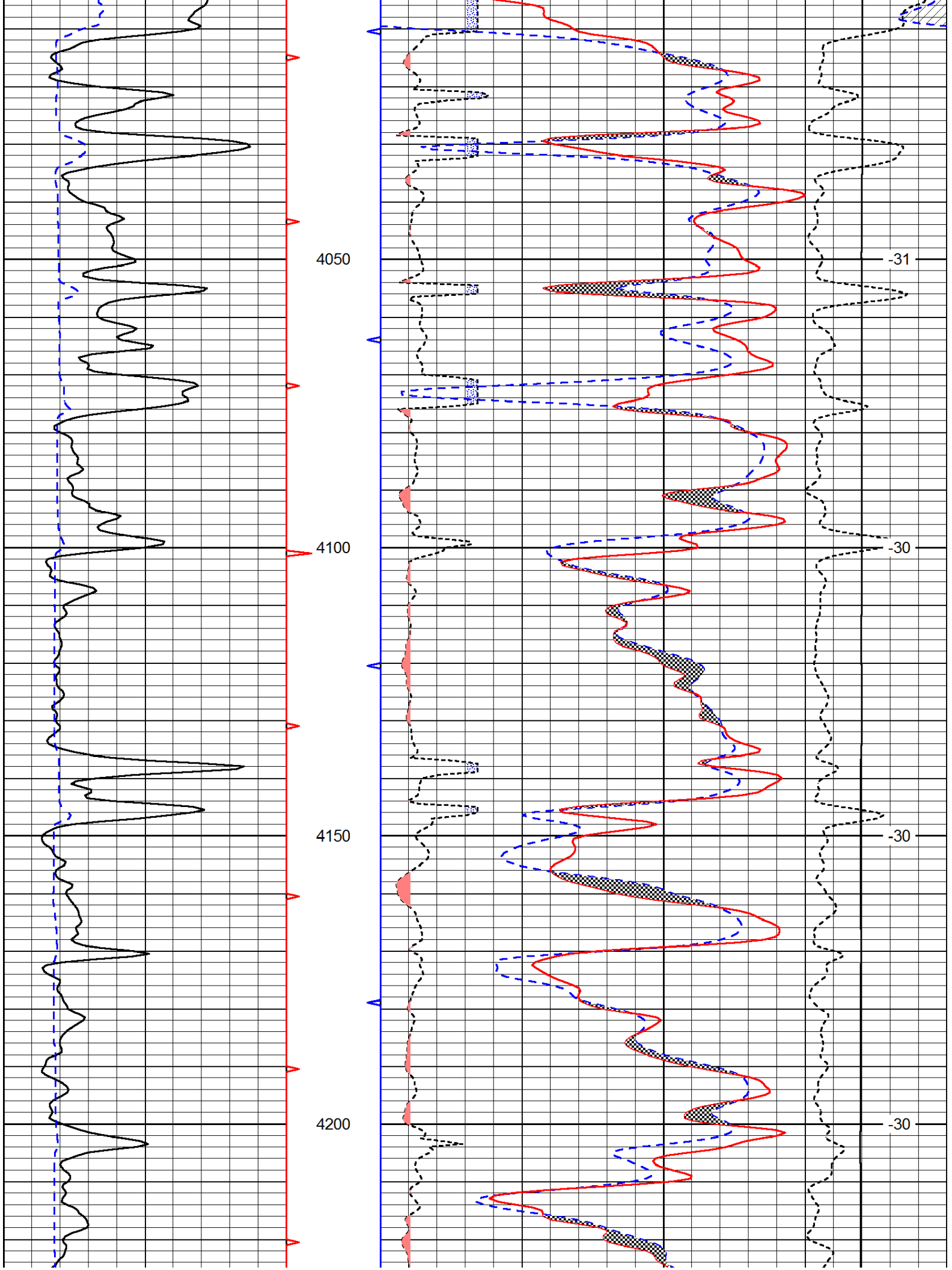
30	Compensated Density				-10
2	Bulk Density				3
15000	Line Tension				0
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD

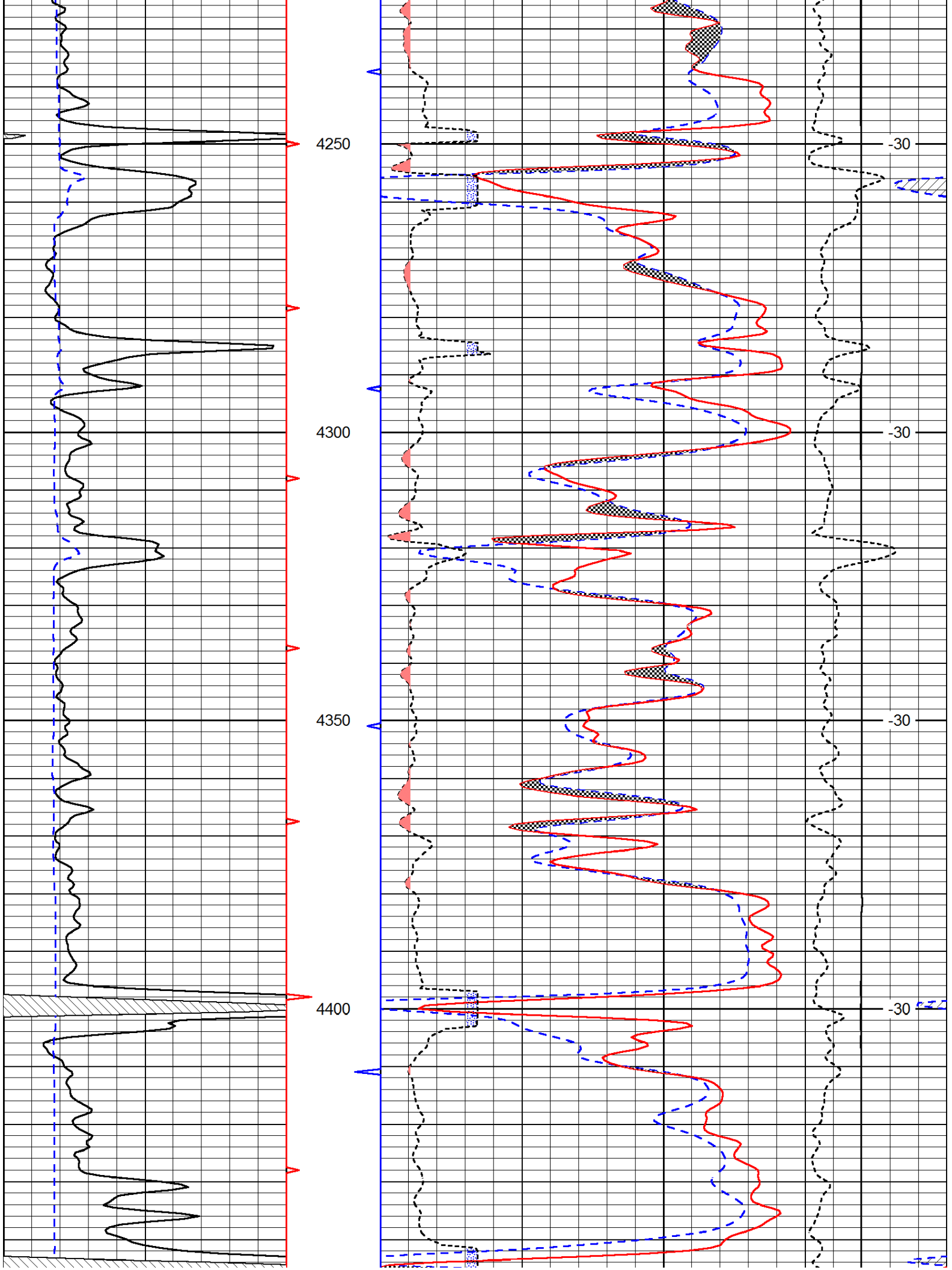
Database File: c:\warrior\data\amwar_clark #3-2\amwarrior_clark_3_2hd.db
Dataset Pathname: DIL/awstk
Presentation Format: cndlspec
Dataset Creation: Sat Apr 19 11:54:44 2014
Charted by: Depth in Feet scaled 1:240

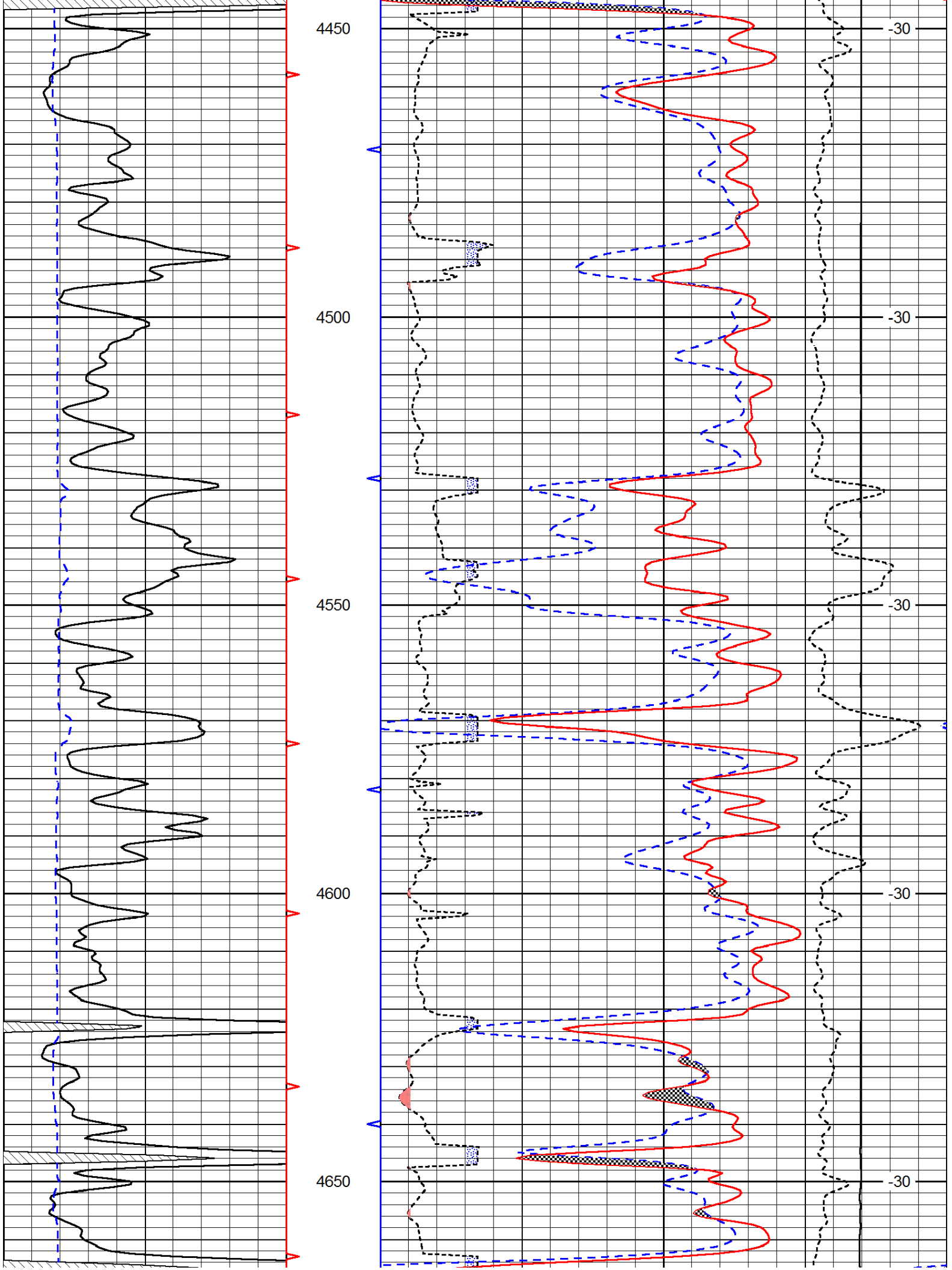
0	Gamma Ray	150
6	Caliper (GAPI)	16

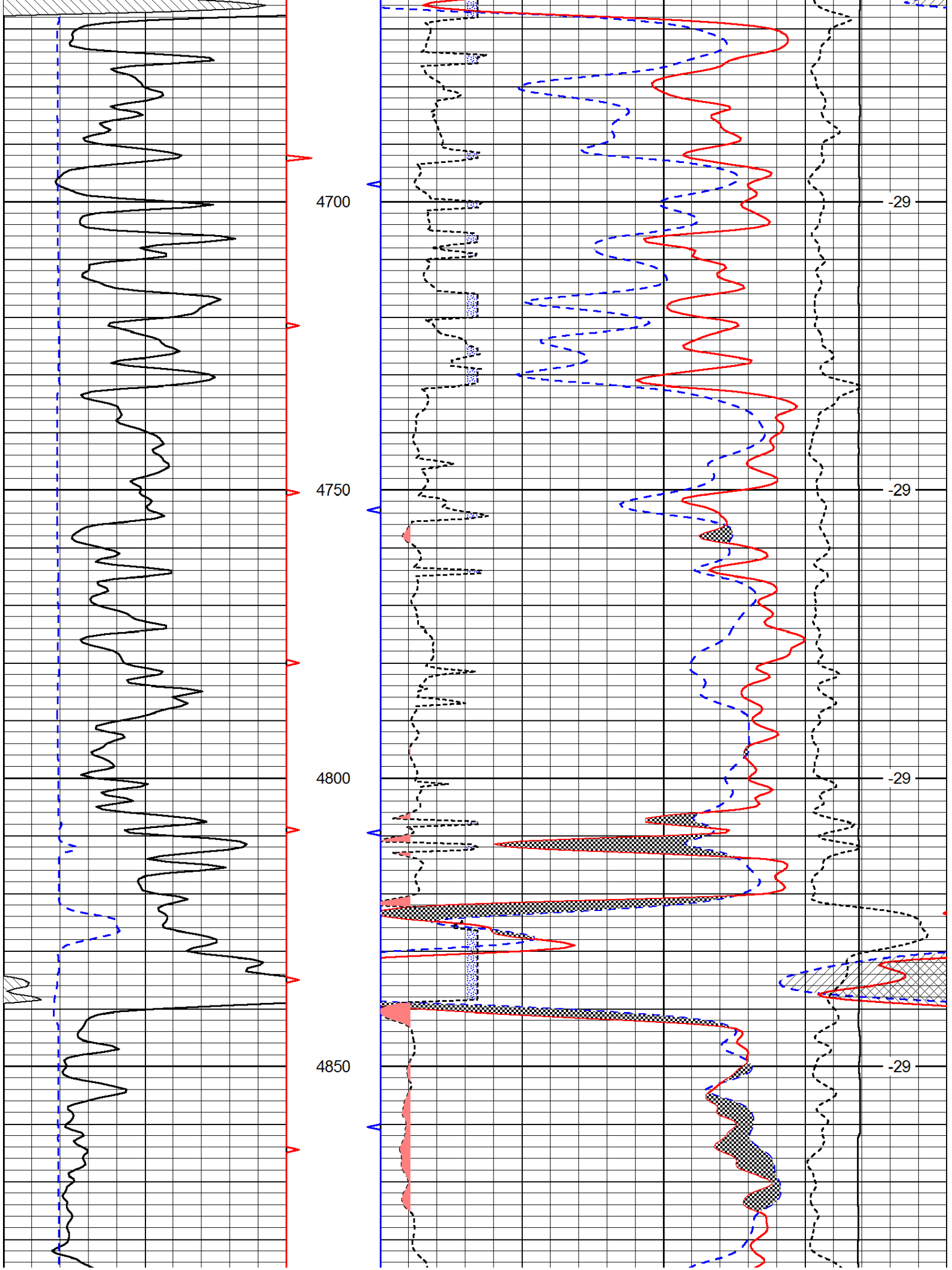
30	Compensated Neutron (Limestone)				-10
30	Compensated Density (Limestone)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0
					LSPD

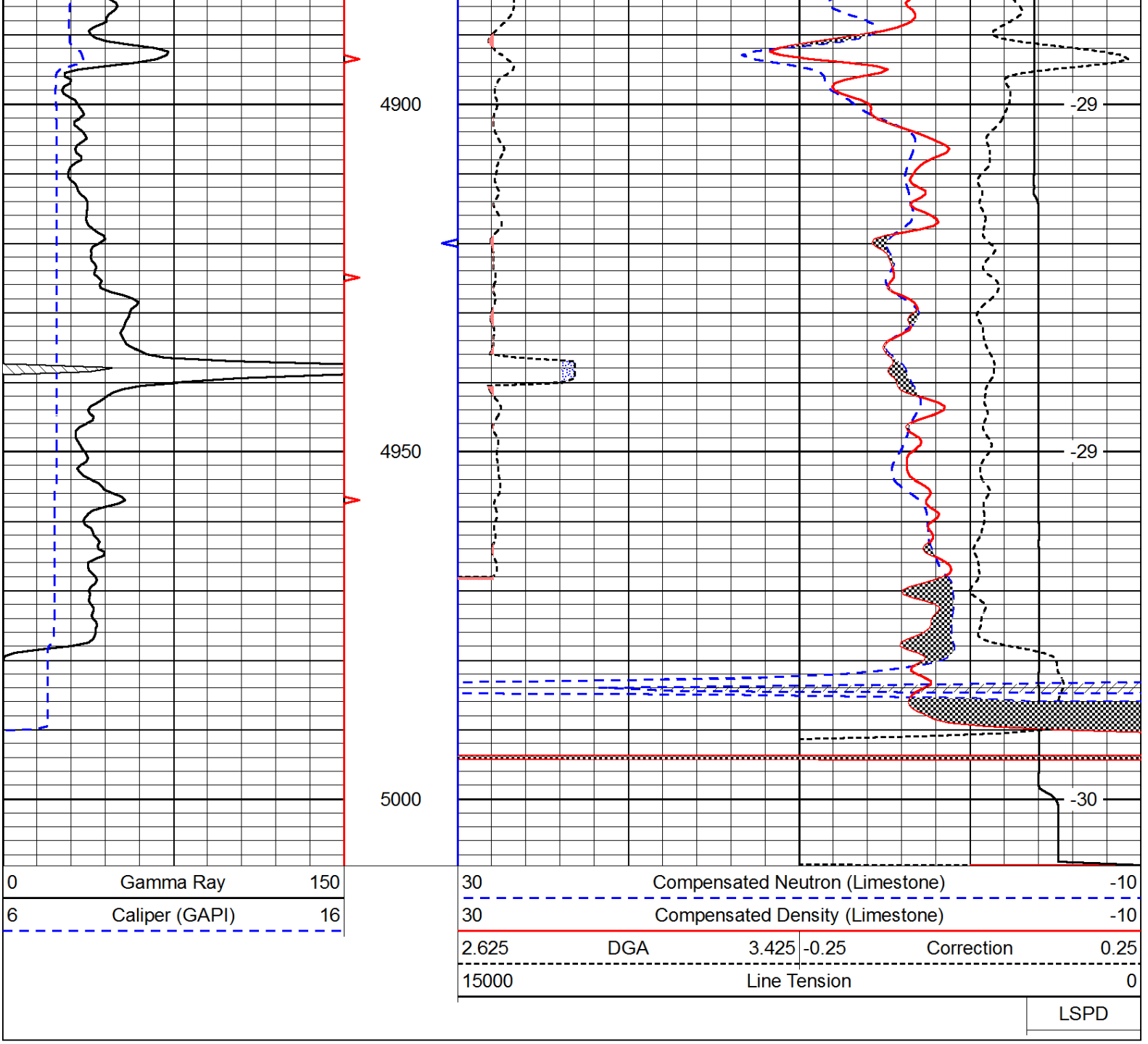



4050
4100
4150
4200
-31
-30
-30
-30


4250
4300
4350
4400
-30
-30
-30
-30


4450
4500
4550
4600
4650
-30
-30
-30
-30
-30


4700
4750
4800
4850
-29
-29
-29
-29


4900
4950
5000
-29
-29
-30
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