



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-007-24,185-00-00

Company **Charles N. Griffin**

Well **Jean #1**

Field **Bloom West**

County **Barber**

State **Kansas**

Location **1,530' FNL & 480' FEL**

Other Services
DIL

Sec: 16 Twp: 32s Rge: 12w

Permanent Datum Ground Level Elevation 1637
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1647
D.F.
G.L. 1637

Date 7/9/2014

Run Number One

Type Log CNL / CDL

Depth Driller 4900

Depth Logger 4903

Bottom Logged Interval 4892

Top Logged Interval 3500

Type Fluid In Hole Chemical

Salinity, PPM CL 5100

Density 9.2

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 2.5 Hours

Equipment -- Location 108 Hays

Recorded By J. Long

Witnessed By Bruce Reed

Recorded By D. Fischer

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	259	8.625	24#	00	259
2	7.875	259	4900				

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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

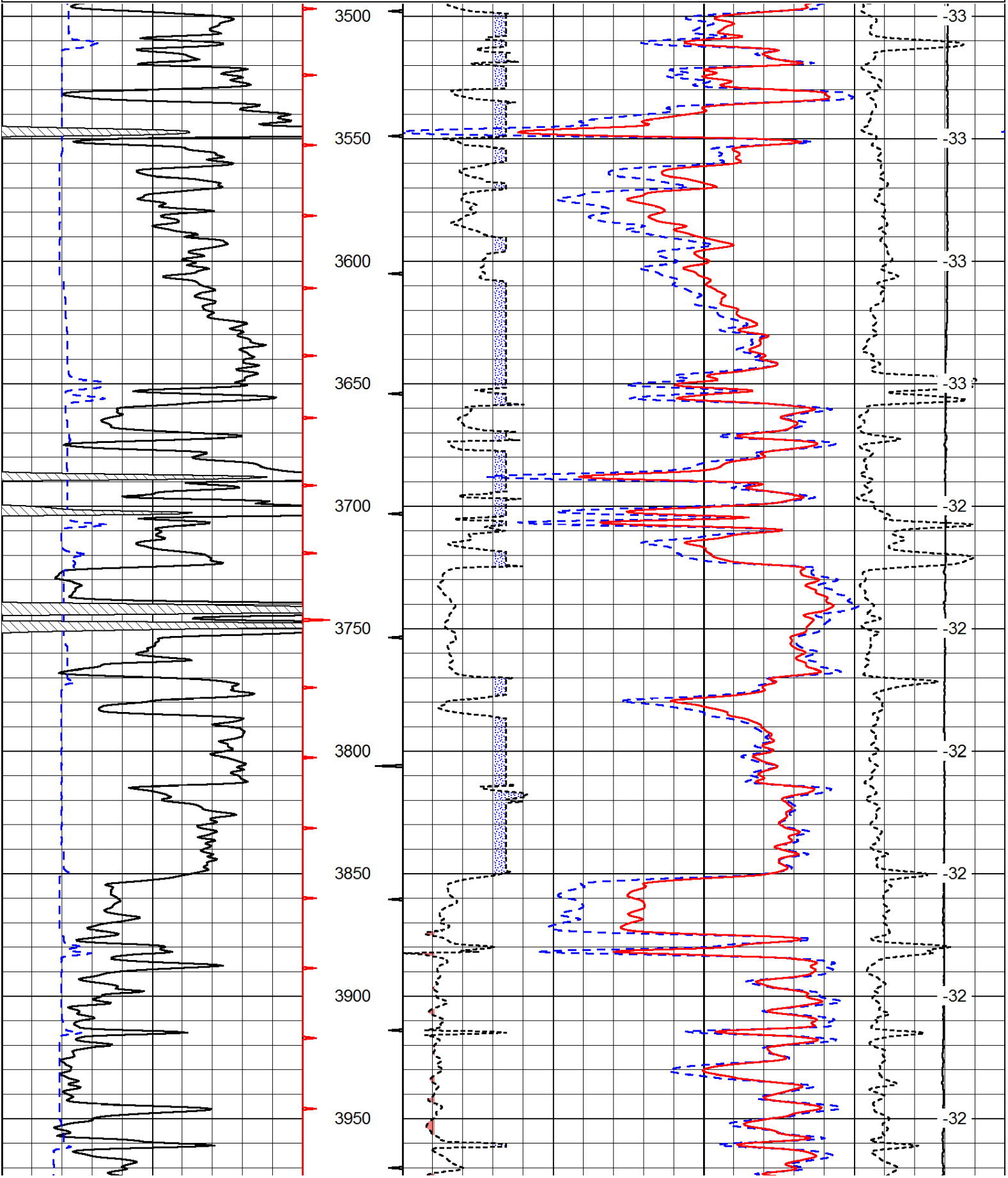
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

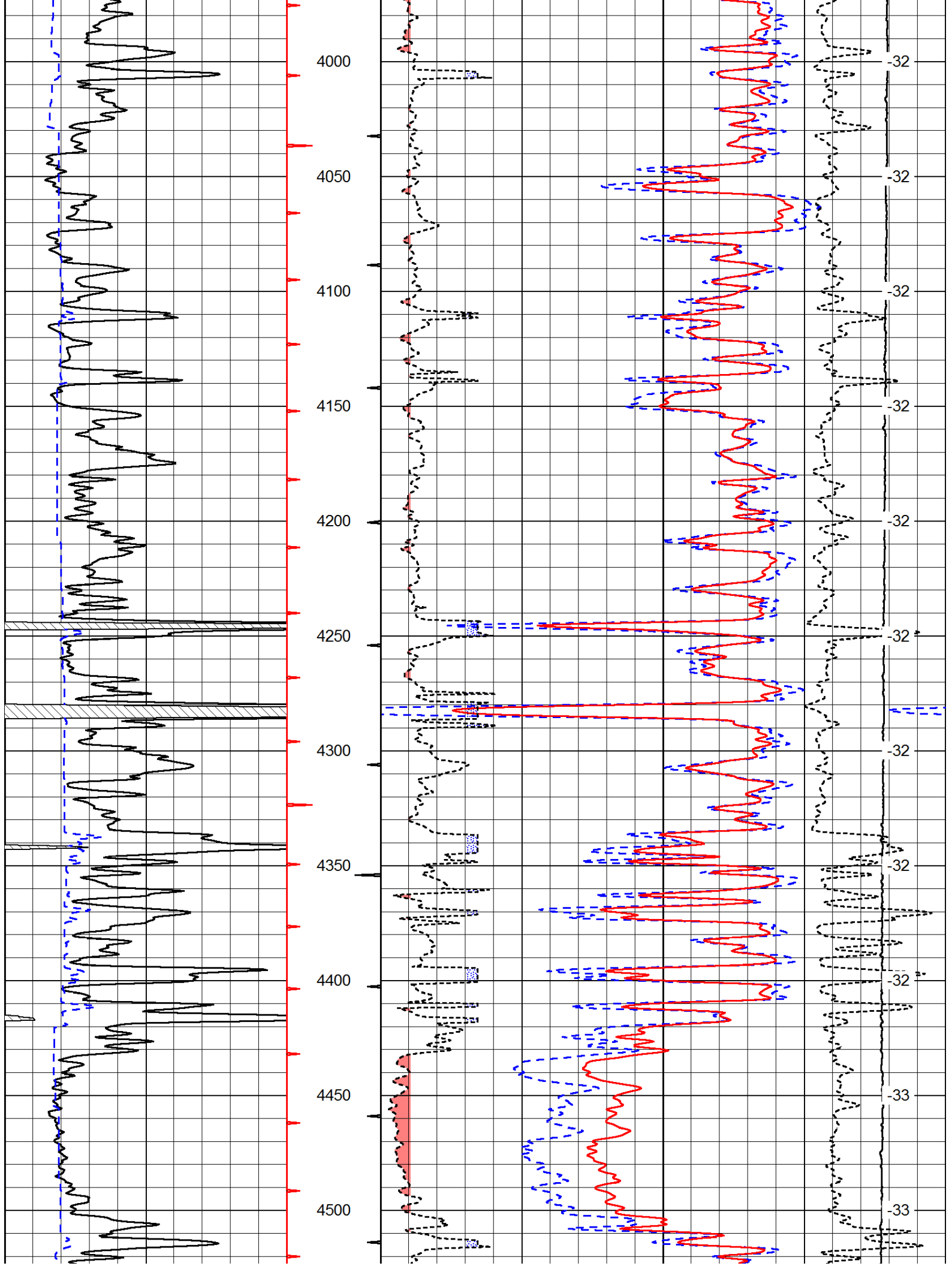
Medicine Lodge Ks., West to Woodward Rd., South to Red Rock Rd., West to Tank Battery,
North Into.

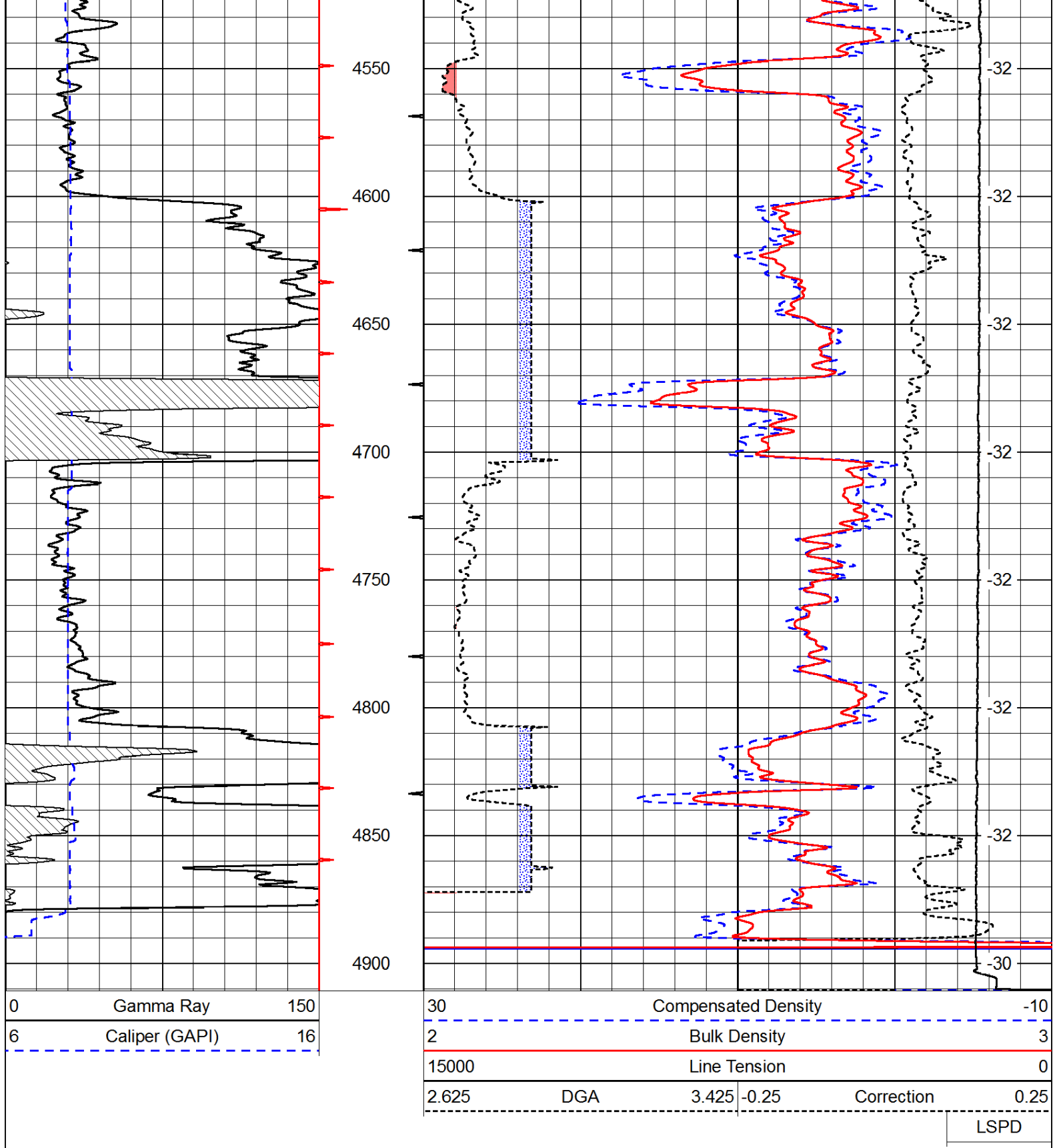
Database File: c:\warrior\data\charles n. griffin_jean #1\charles_griffin_jean_1hd.db
Dataset Pathname: DIL/grfstck
Presentation Format: cdl
Dataset Creation: Wed Jul 09 18:18:47 2014
Charted by: Depth in Feet scaled 1:600

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







Database File:		c:\warrior\data\charles n. griffin_jean #1\charles_griffin_jean_1hd.db			
Dataset Pathname:		DIL/grifstck			
Presentation Format:		cndlspec			
Dataset Creation:		Wed Jul 09 18:18:47 2014			
Charted by:		Depth in Feet scaled 1:240			
0	Gamma Ray	150	30	Compensated Neutron (Limestone)	-10
6	Caliper (GAPI)	16	30	Compensated Density (Limestone)	-10
			2.625	DGA	3.425
			-0.25	Correction	0.25
			LSPD		

