



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-109-21,292-00-00

Company New Gulf Operating, LLC

Well Marius #1-15

Field

County Logan

State Kansas

Location

SW-SW-NW-SE
1388' FSL & 2379' FWL

Other Services
DIL
MEL

Sec: 15

Twp: 14S

Rge: 34W

Elevation

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation 3029
K.B. 3038
D.F.
G.L. 3029

Date

9/7/2014

Run Number

One

Type Log

CNL / CDL

Depth Driller

4765

Depth Logger

4764

Bottom Logged Interval

4743

Top Logged Interval

3500

Type Fluid In Hole

Chemical

Salinity, PPM CL

7.000

Density

9.1

Level

Full

Max. Rec. Temp. F

124

Operating Rig Time

5 Hours

Equipment -- Location

108 Hays

Recorded By

J. Henrickson

Witnessed By

John Goldsmith

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1 12.25 00 252 8.625 24# 00 252

2 7.875 252 4765

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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

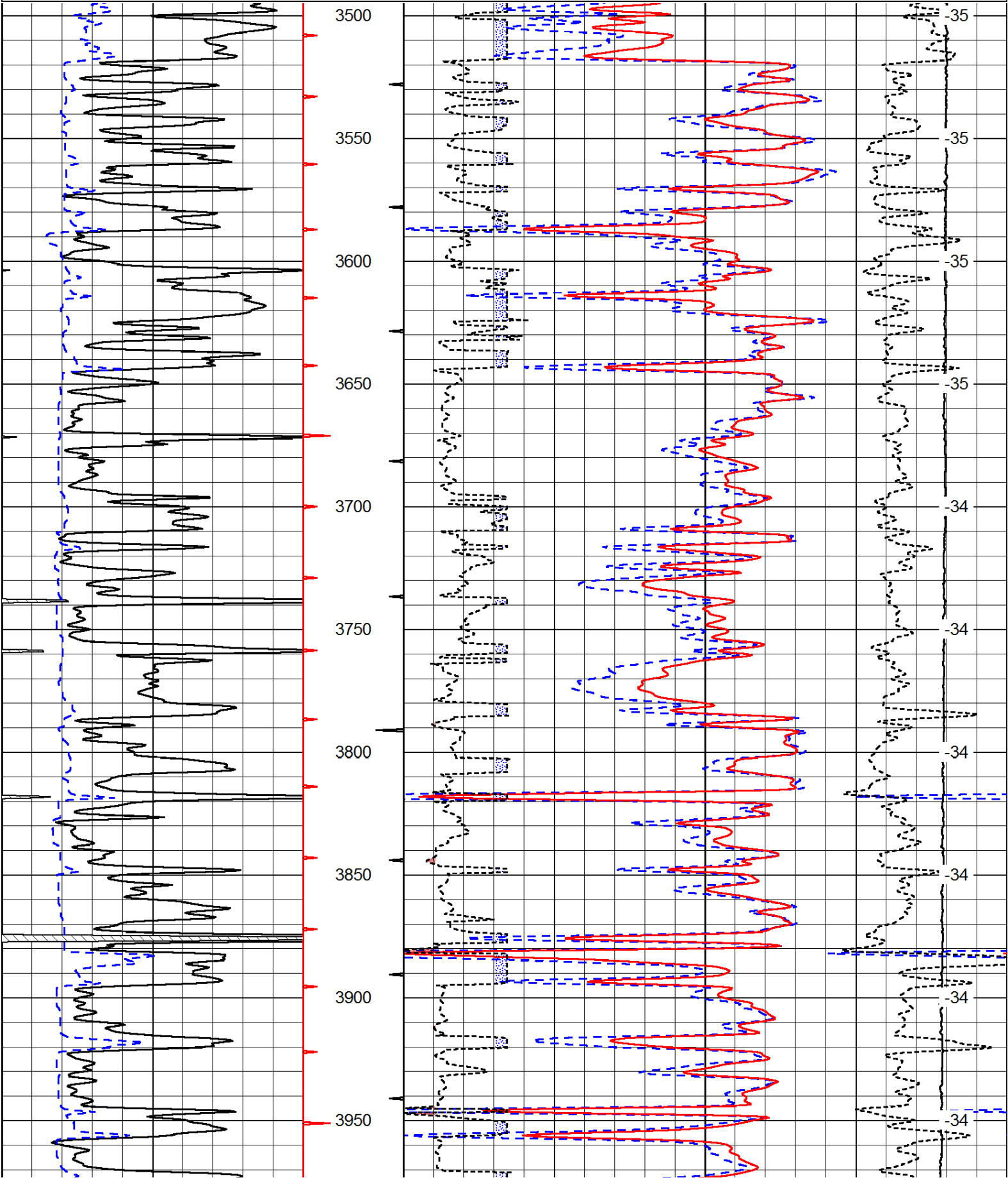
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

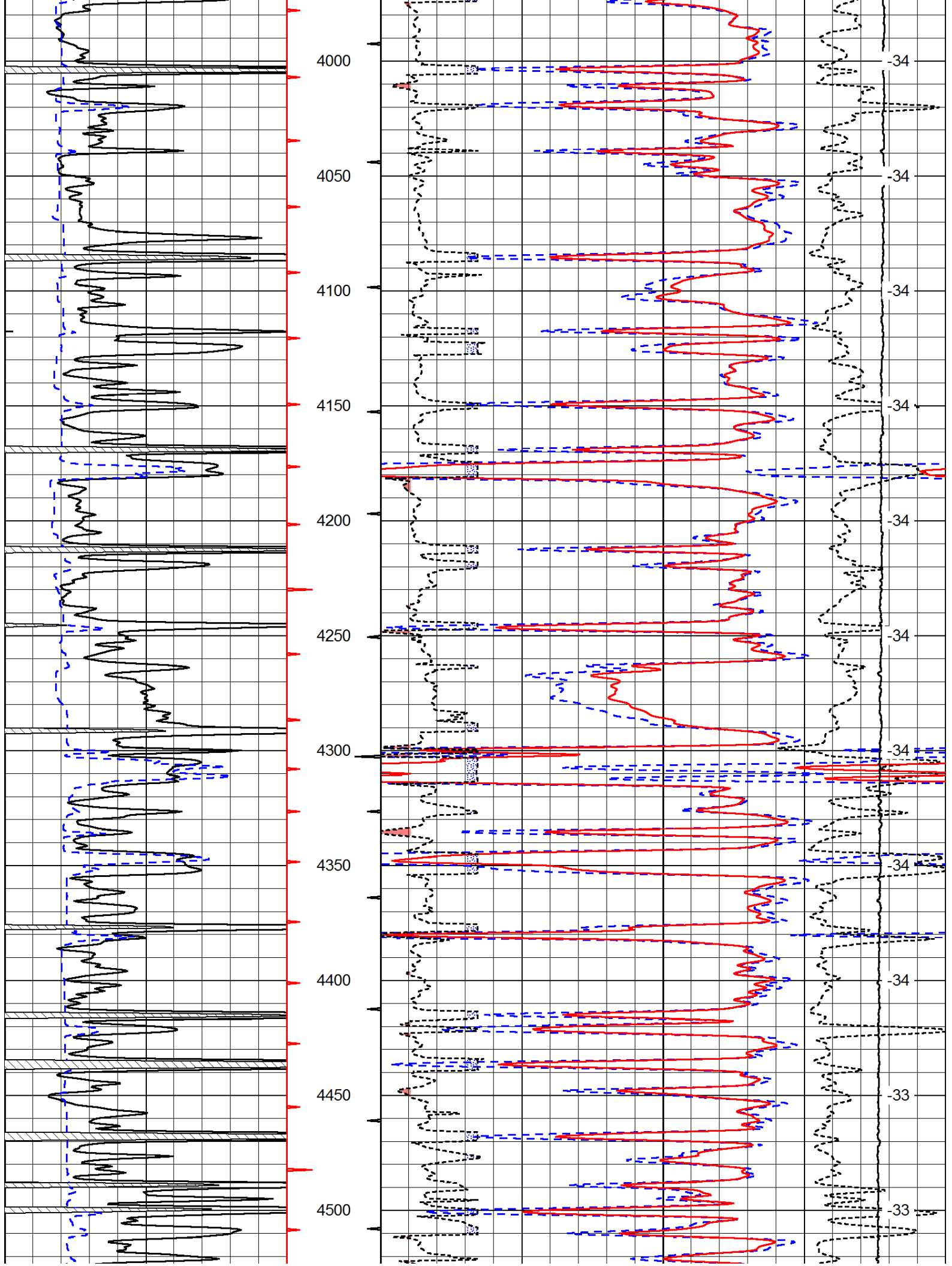
Russell Springs Kansas
1/2 East to 270 Rd, 7 South to Indian Rd, East to 320 Rd, 1 North, West Into

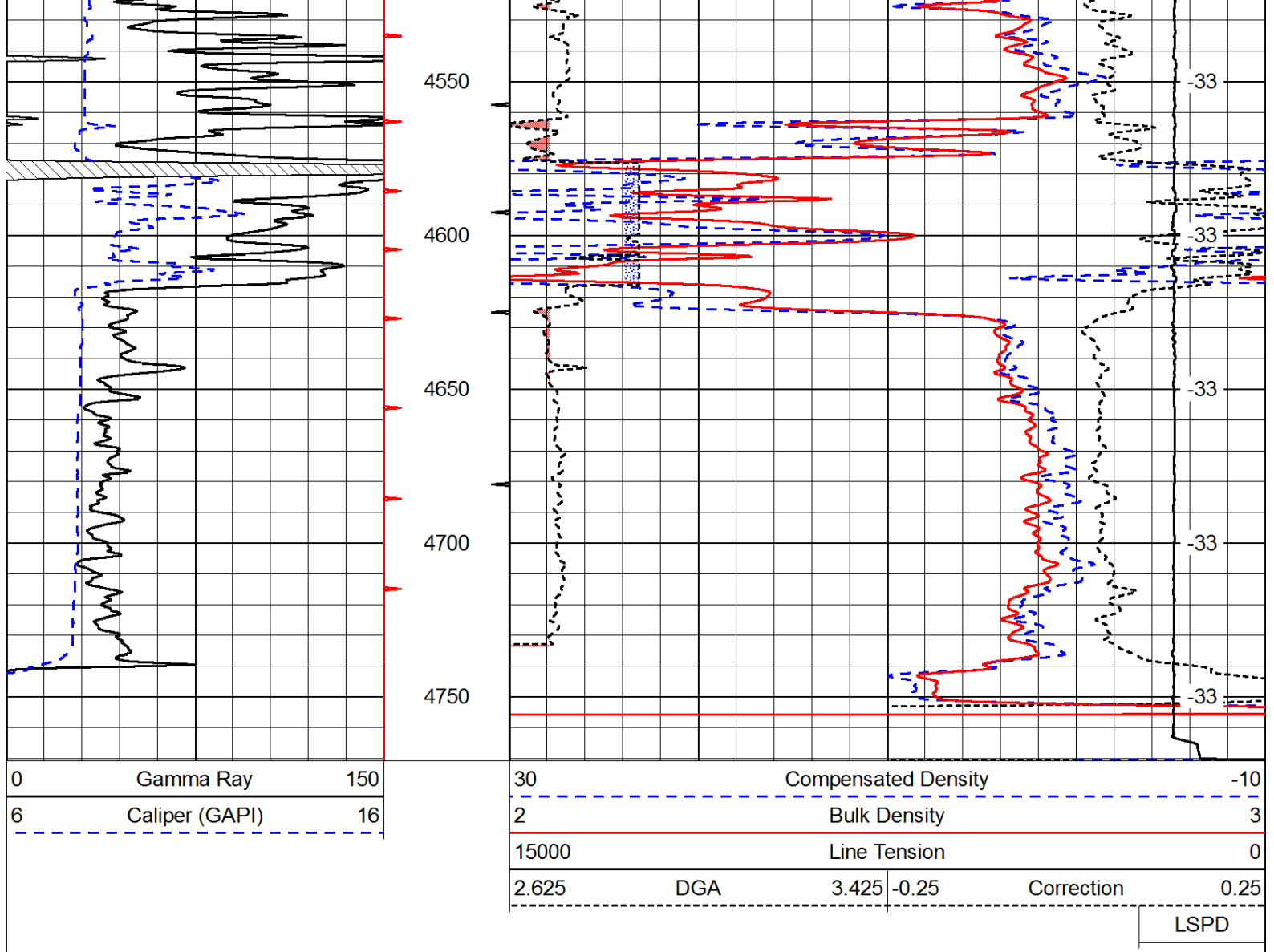
Database File: c:\warrior\data\new gulf_marius #1-15\newgulf_marius_1_15hd.db
Dataset Pathname: DIL/newstk
Presentation Format: cdl
Dataset Creation: Sun Sep 07 22:14:49 2014
Charted by: Depth in Feet scaled 1:600

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\new gulf_marius #1-15\newgulf_marius_1_15hd.db
Dataset Pathname: DIL/newstk
Presentation Format: cndlspec
Dataset Creation: Sun Sep 07 22:14:49 2014
Charted by: Depth in Feet scaled 1:240

