



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-153-20,911-00-00

Company **Murfin Drilling Company, Inc.**
Well **CWA "B" #1-5**
Field **Wildcat**
County **Rawlins** State **Kansas**

Location

330' FNL & 2310' FWL

Sec: 5

Twp: 3S

Rge: 26W

Other Services
DIL
MEI/BHCS

Permanent Datum

Log Measured From

Ground Level
Kelly Bushing

Elevation 3359
10 Ft. Above Perm. Datum

Elevation
K.B. 3369
D.F.
G.L. 3359

Date

11/16/2012

Run Number

One

Type Log

CNL / CDL

Depth Driller

5100

Depth Logger

5102

Bottom Logged Interval

5081

Top Logged Interval

3500

Type Fluid In Hole

Chemical

Salinity, PPM CL

1,200

Density

9.3

Level

Full

Max. Rec. Temp. F

127

Operating Rig Time

5 Hours

Equipment -- Location

17 Hays

Recorded By

C. Desaire

Witnessed By

Terry McLeod

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

<<< 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

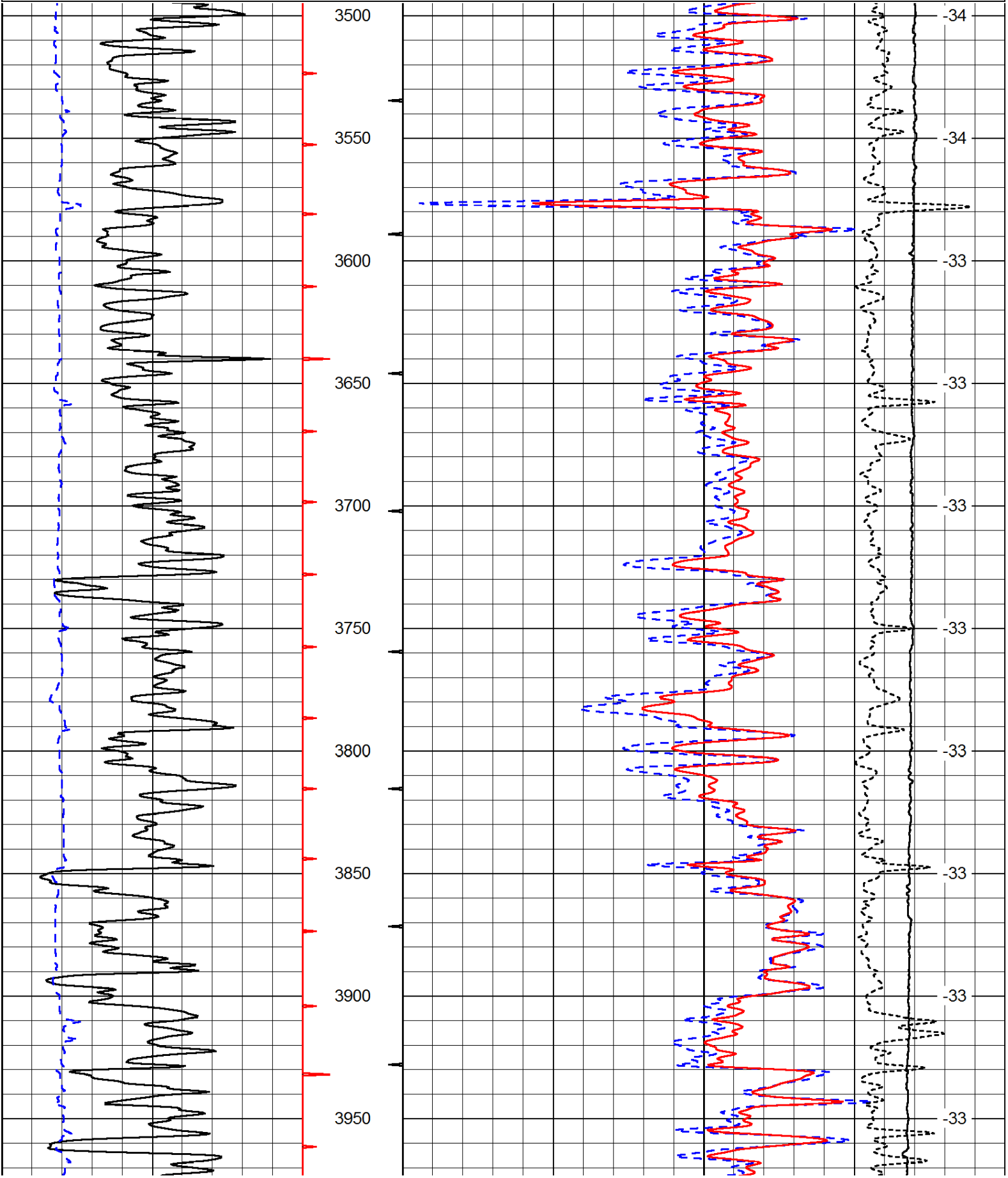
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

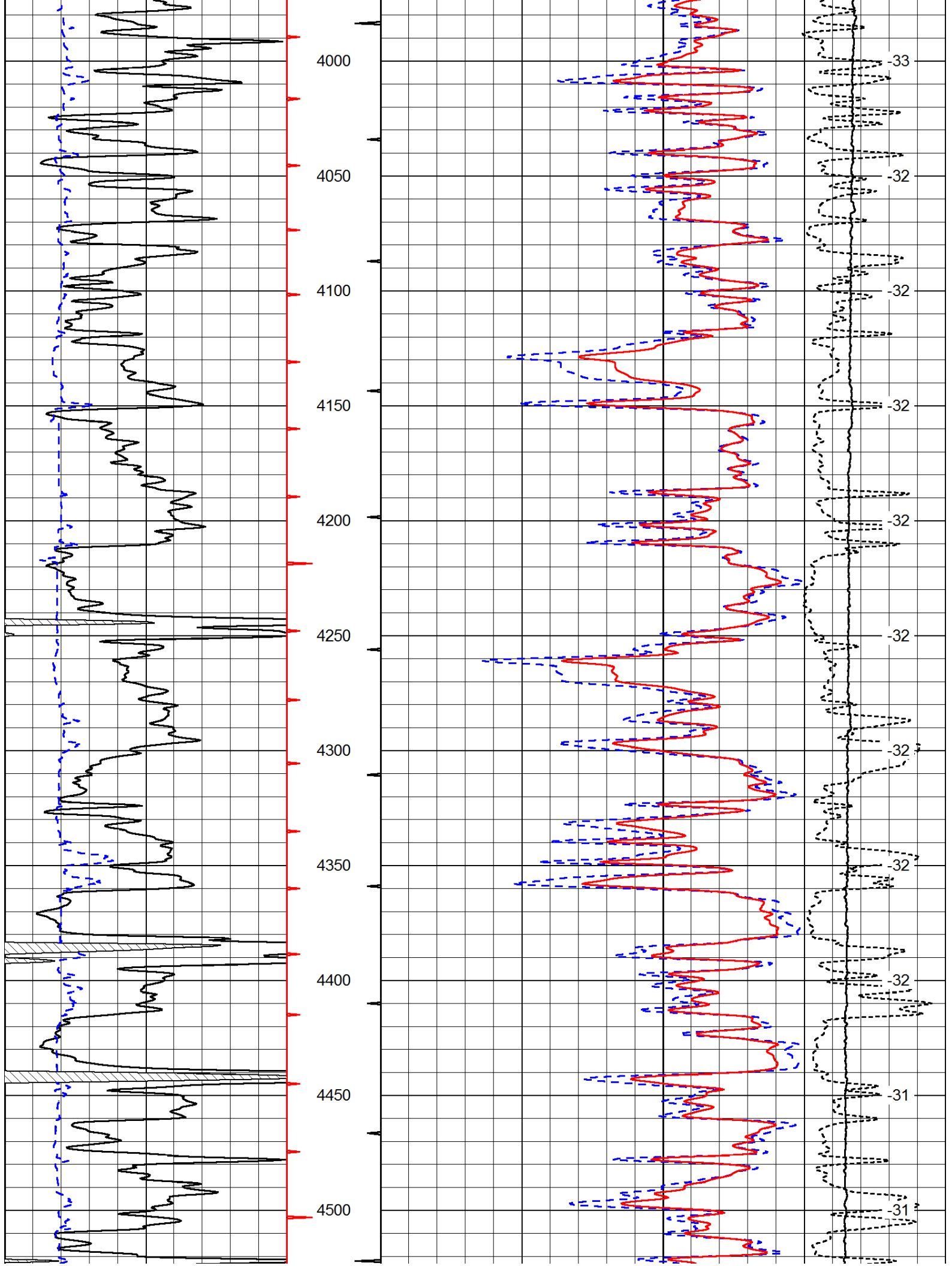
McDonald KS, 3 N,
1/2 W, S Into

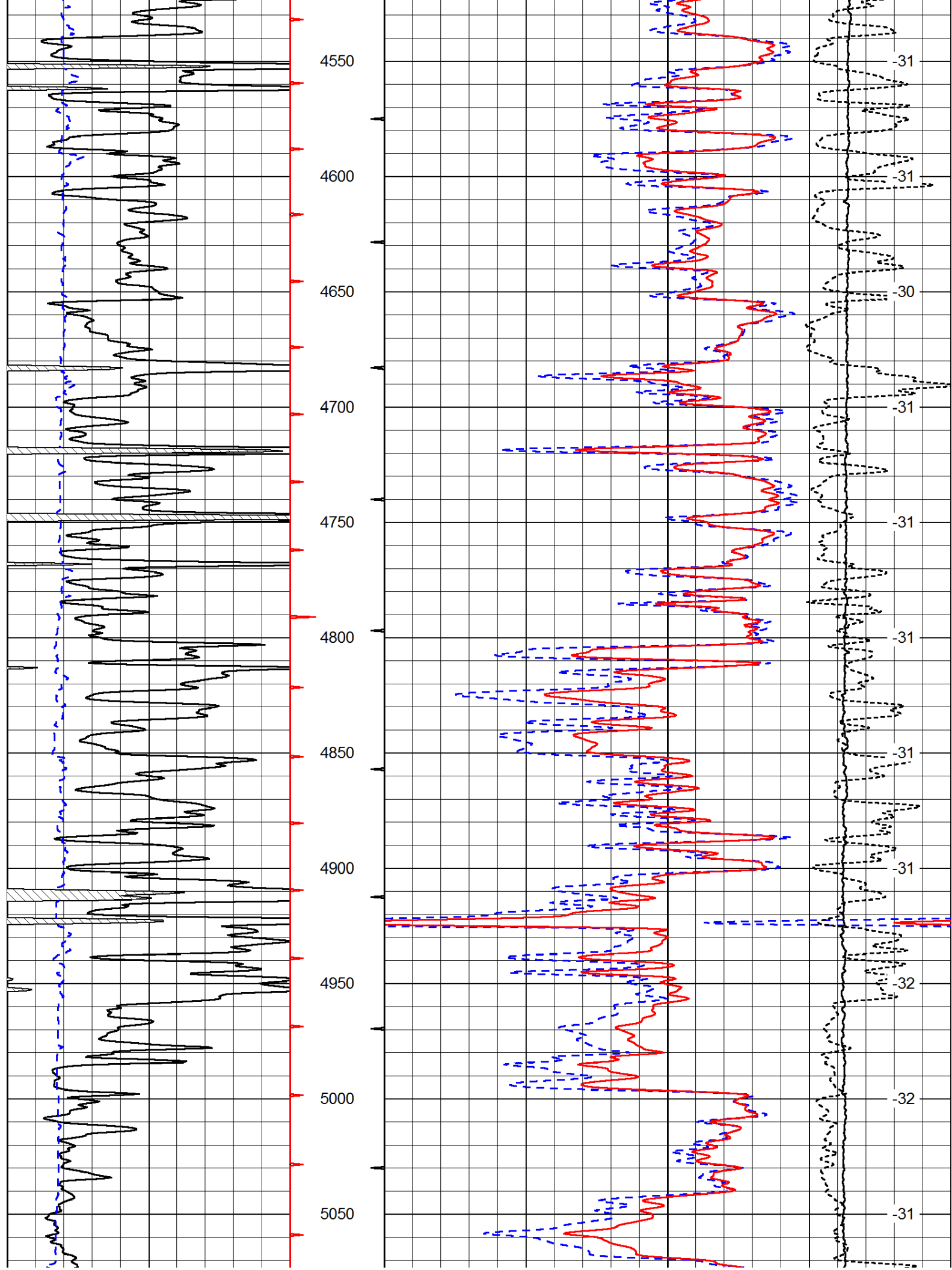
Database File: c:\warrior\data\murfin_cwa b #1-5\murfinhd.db
Dataset Pathname: dil/murfstk
Presentation Format: cdl
Dataset Creation: Fri Nov 16 22:59:16 2012
Charted by: Depth in Feet scaled 1:600

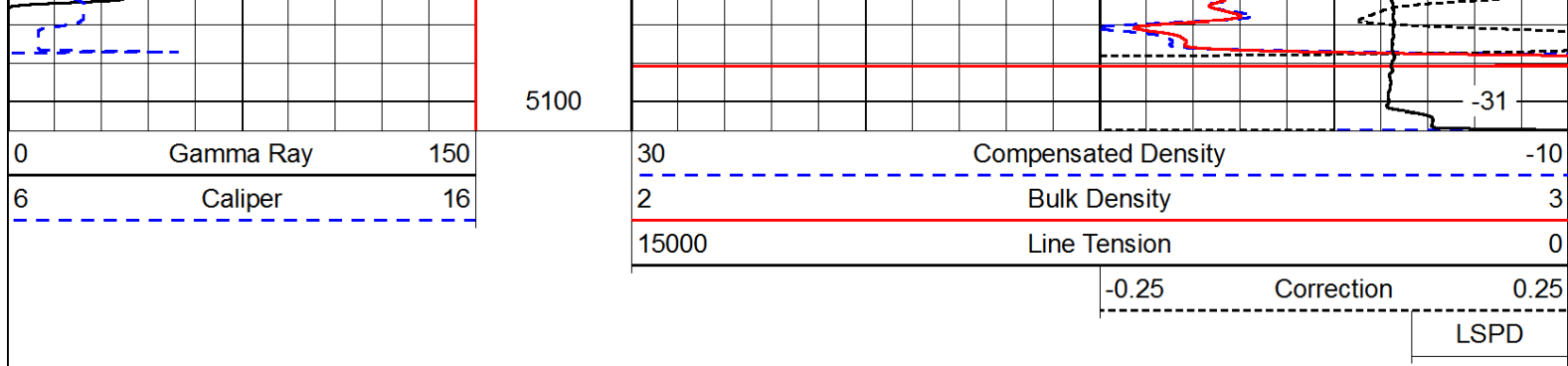
0	Gamma Ray	150
6	Caliper	16

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









Database File: c:\warrior\data\murfin_cwa b #1-5\murfinhd.db
Dataset Pathname: dil/murfstk
Presentation Format: cndlspec
Dataset Creation: Fri Nov 16 22:59:16 2012
Charted by: Depth in Feet scaled 1:240

