



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-109-21,341-00-00

Company **Black Tea Oil, LLC**

Well **DFK 3 # 1**

Field **Bridges**

County **Logan**

State **Kansas**

Location

SW-NE-NW-NE
673' FNL & 1769' FEL

Sec: **11**

Twp: **15S**

Rge: **32W**

Other Services
DIL
MEL/BHCS

Permanent Datum

Ground Level

Elevation 2716

Log Measured From **Kelly Bushing** 9 Ft. Above Perm. Datum

K.B. 2725
D.F.
G.L. 2716

Date

10/18/2014

Run Number

One

Type Log

CNL / CDL

Depth Driller

4440

Depth Logger

4473

Bottom Logged Interval

4452

Top Logged Interval

3000

Type Fluid In Hole

Chemical

Salinity, PPM CL

3,000

Density

9.1

Level

Full

Max. Rec. Temp. F

120

Operating Rig Time

5 Hours

Equipment -- Location

108 Hays

Recorded By

J. Henrickson

Witnessed By

Richard Thomasson

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

24#

From

To

1

12.25

00

274

8.625

24#

00

274

<<< 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

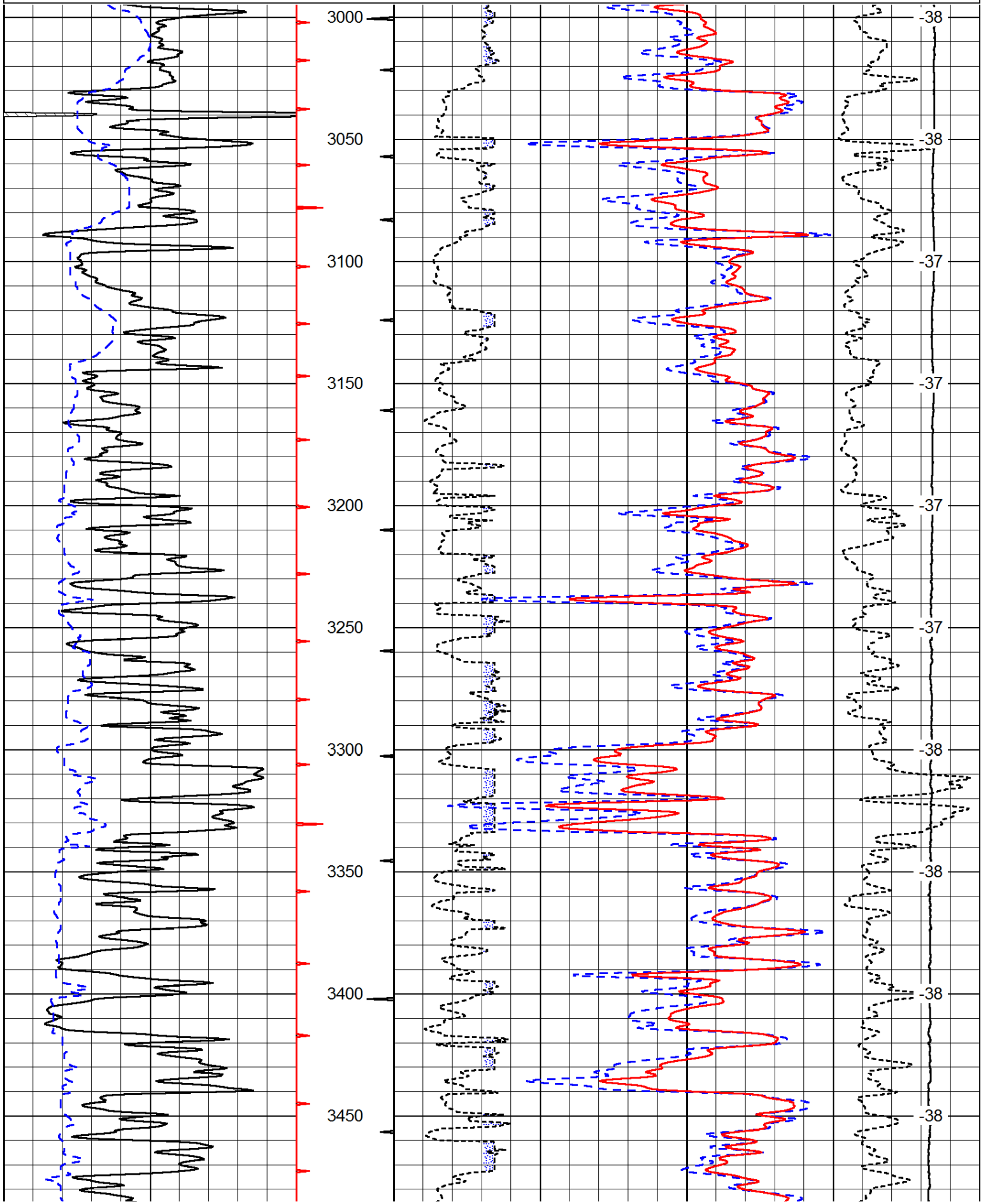
Oakley Kansas

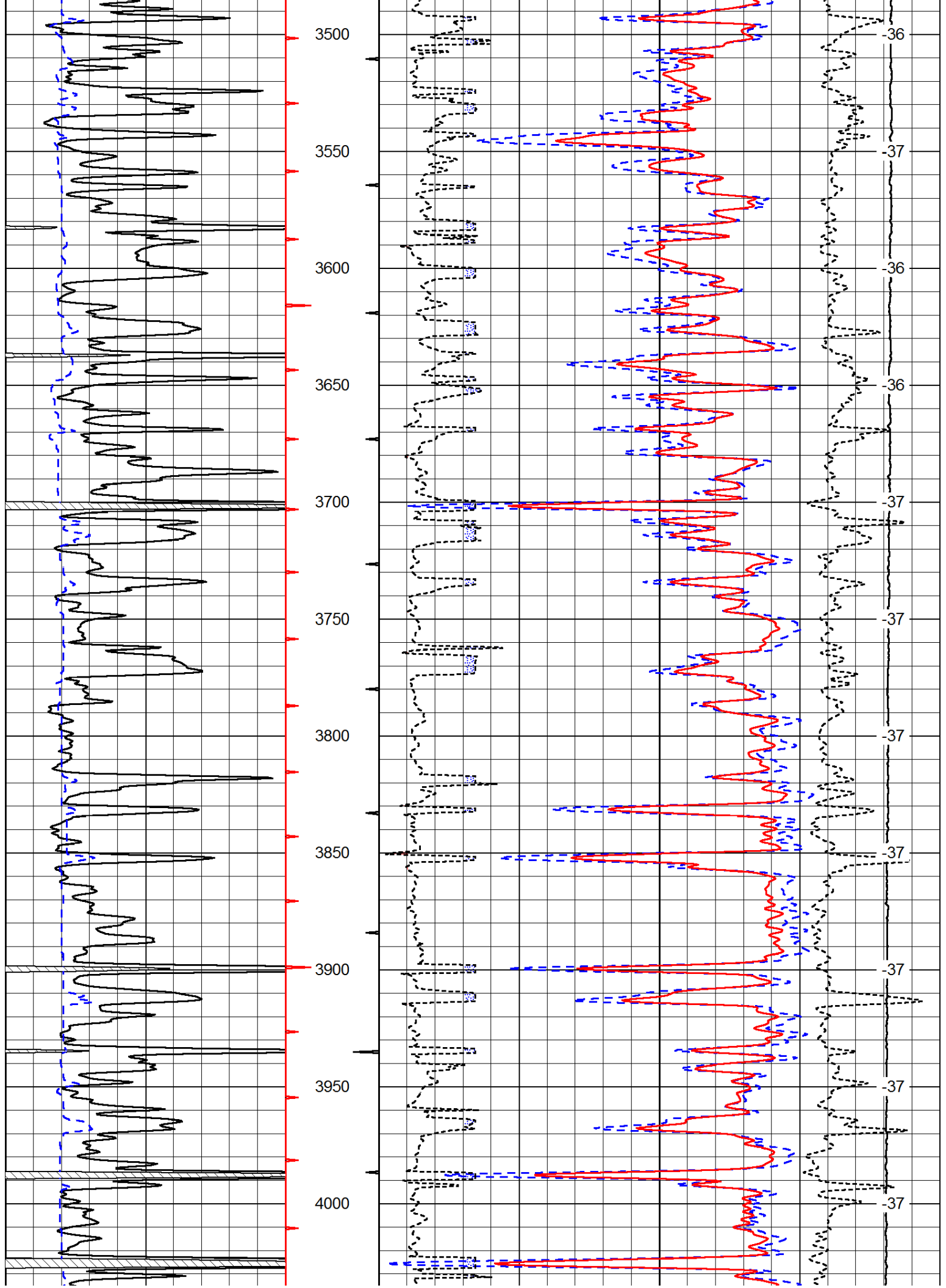
23 South to Gold Rd, East Into(Then South to Rig on Road)

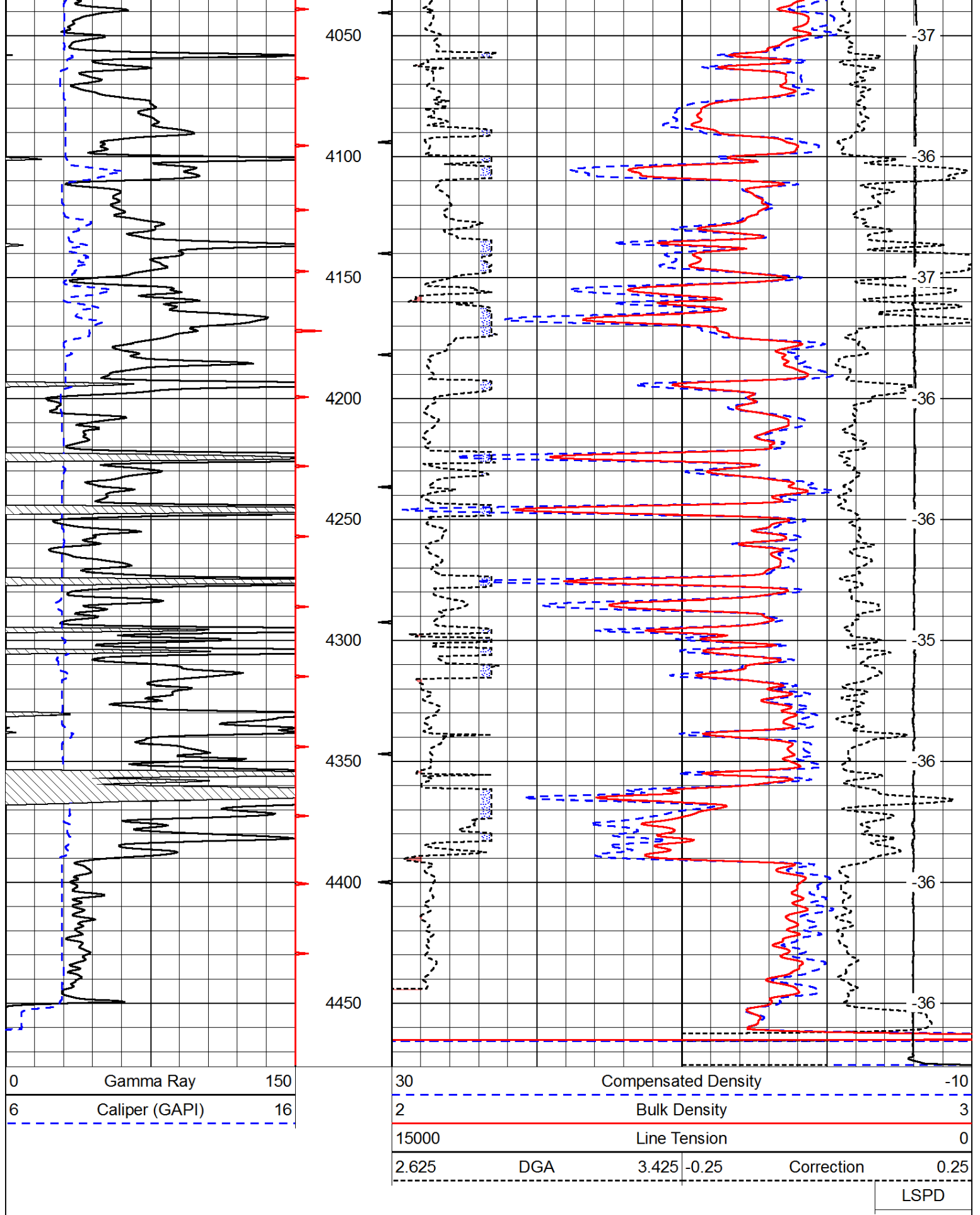
Database File: c:\warrior\data\black tea_dfk 3 #1\black_tea_dfk_3_1hd.db
Dataset Pathname: DIL/btstk
Presentation Format: cdl
Dataset Creation: Sat Oct 18 15:26:09 2014
Charted by: Depth in Feet scaled 1:600

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\black tea_dfk 3 #1\black_tea_dfk_3_1hd.db
 Dataset Pathname: DIL/btstk
 Presentation Format: cndlspec
 Dataset Creation: Sat Oct 18 15:26:09 2014

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

