



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-167-23,819-00-00

Company **Roberts Resources, Inc.**

Well **Beran-Trapp #1-7**

Field

County **Russell**

State **Kansas**

Location

1859' FNL & 802' FEL

Sec: **7**

Twp: **12 S**

Rge: **13 W**

Other Services
DIL
MEL

Permanent Datum

Ground Level
Kelly Bushing

Elevation **1614**

Log Measured From

Kelly Bushing

10 Ft. Above Perm. Datum

Elevation
K.B. **1624**
D.F.
G.L. **1614**

Drilling Measured From

Kelly Bushing

Date

9/5/2012

Run Number

One

Type Log

CNL / CDL

Depth Driller

3450

Depth Logger

3449

Bottom Logged Interval

3428

Top Logged Interval

1400

Type Fluid In Hole

Chemical

Salinity, PPM CL

9200

Density

9.4

Level

Full

Max. Rec. Temp. F

111

Operating Rig Time

4 Hours

Equipment -- Location

17 Hays

Recorded By

D. Martin

Witnessed By

Kent Roberts

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

441

8.625

24#

00

441

2

7.875

441

3450

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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

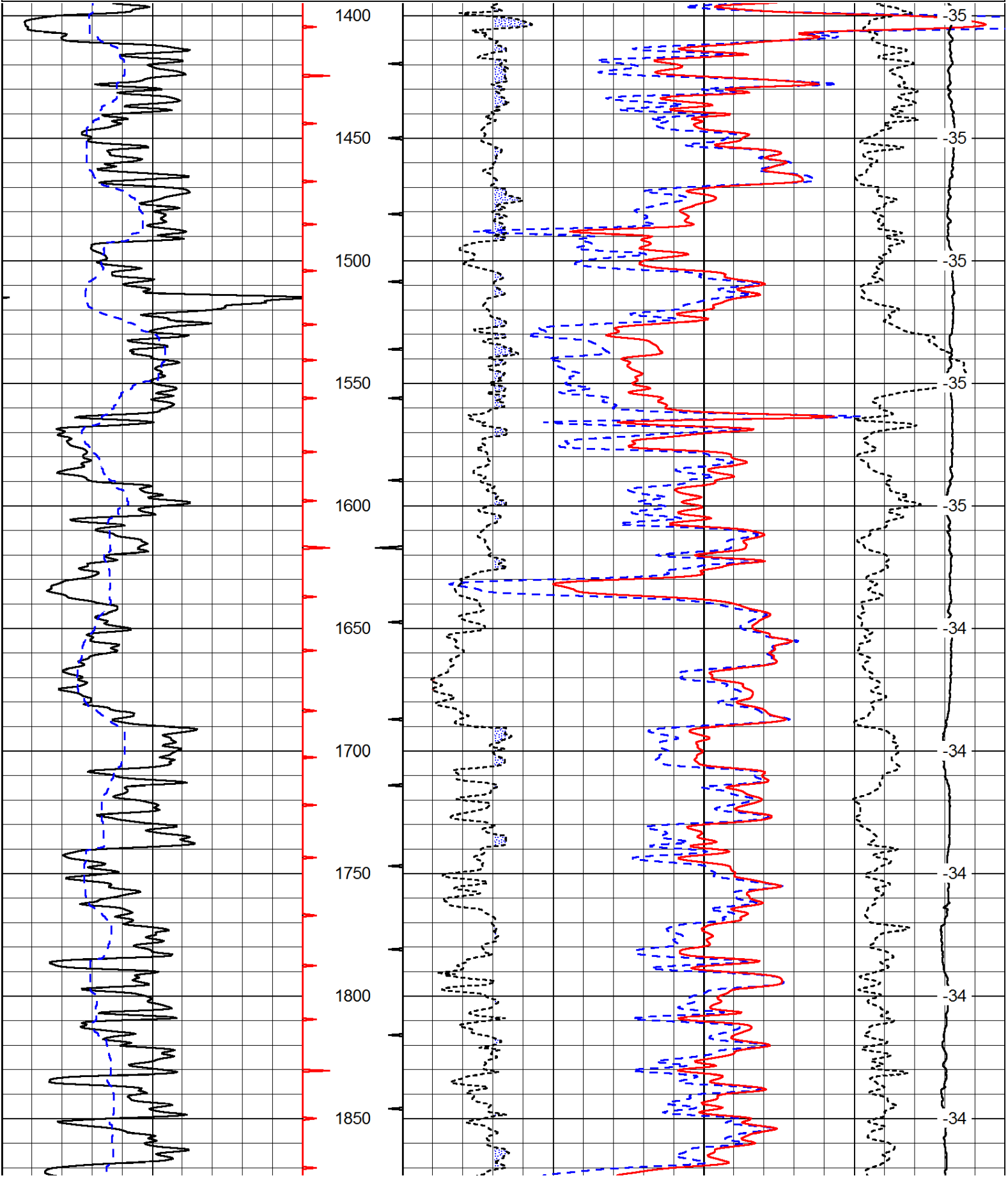
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

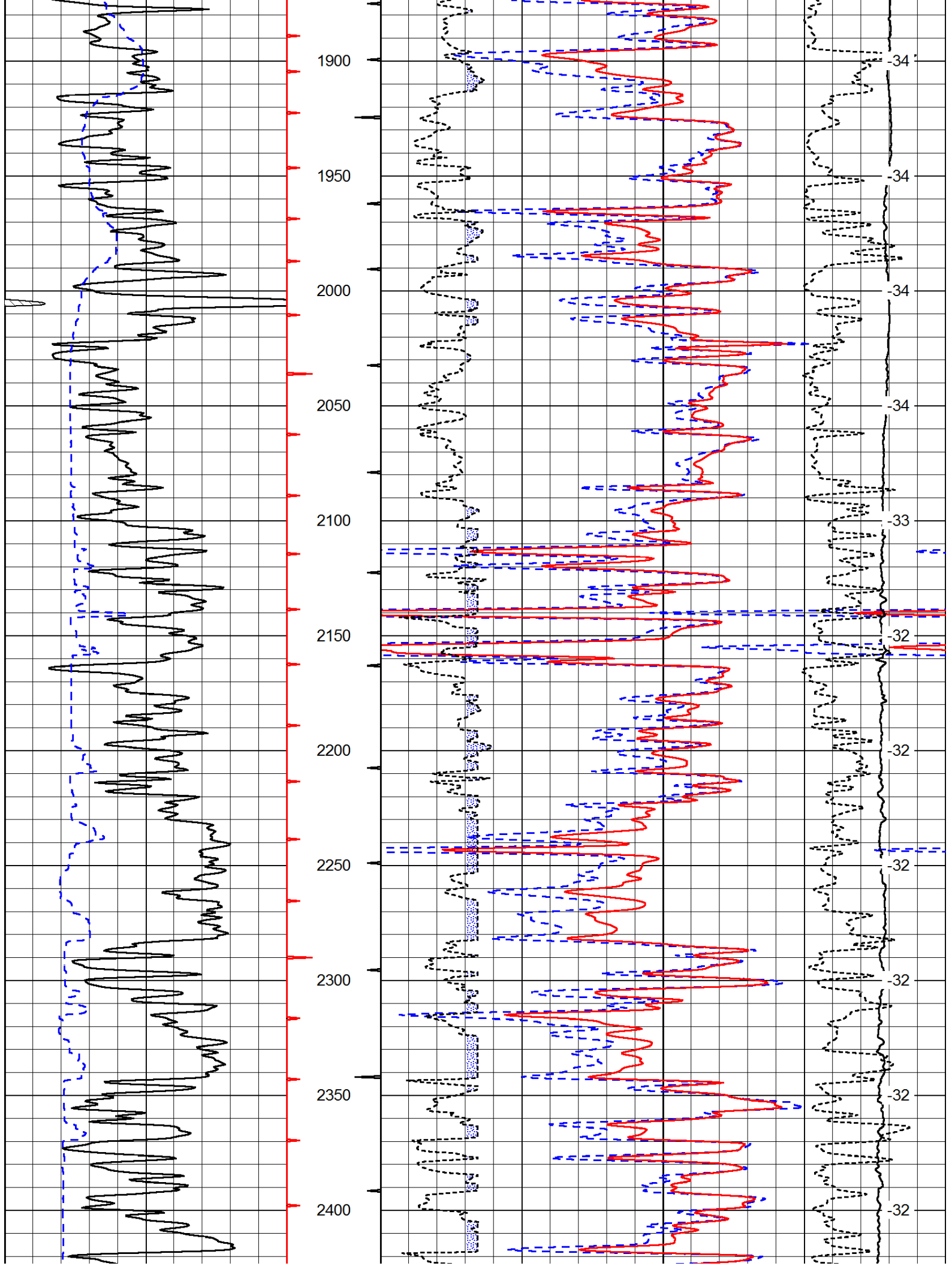
Russell, KS
9 N to Beatty Rd., 2 3/4 E, N Into

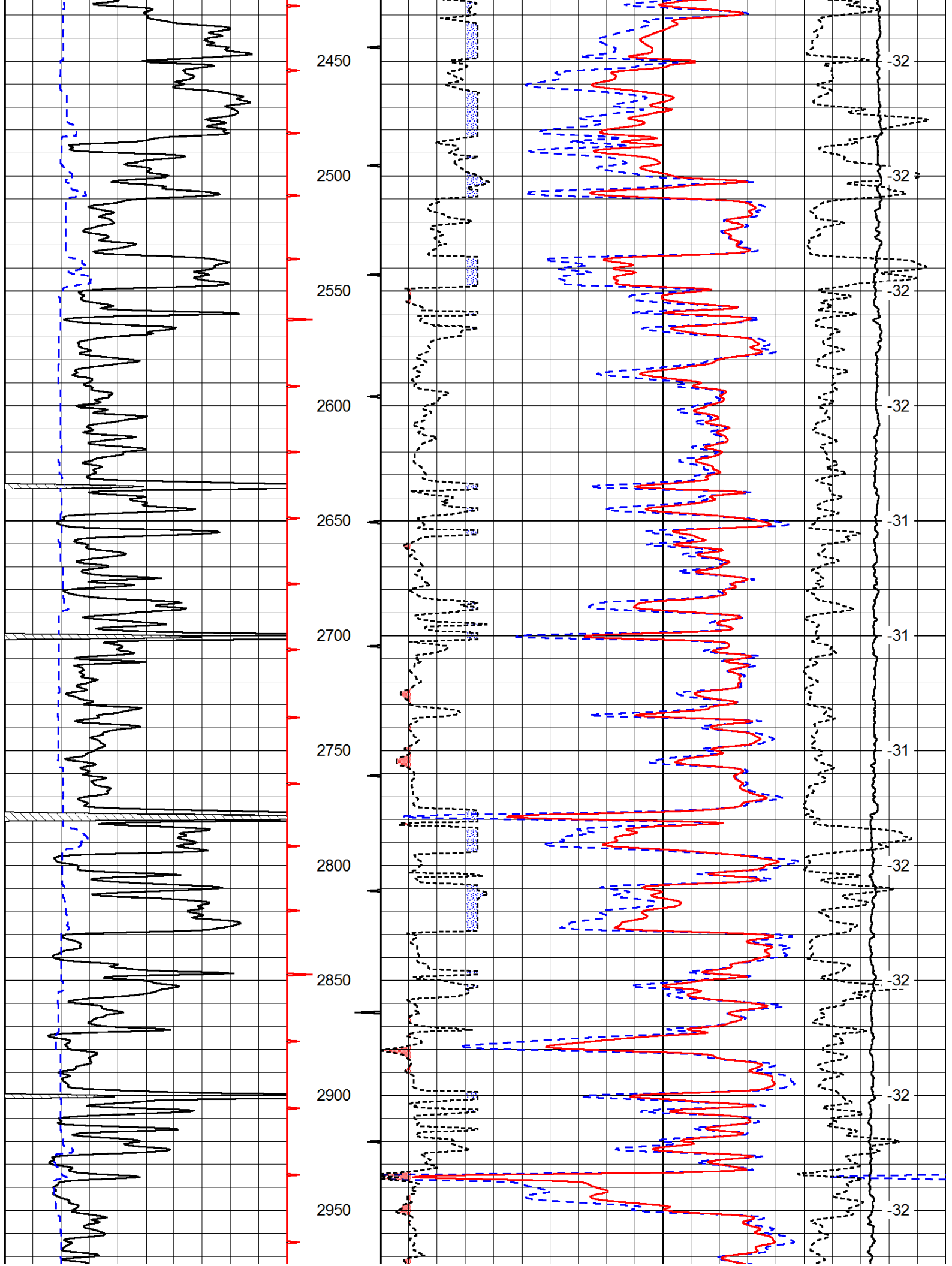
Database File: c:\warrior\data\roberts_beran-trapp #1-7\robhd.db
Dataset Pathname: DIL/robstm
Presentation Format: cdl
Dataset Creation: Wed Sep 05 21:36:24 2012
Charted by: Depth in Feet scaled 1:600

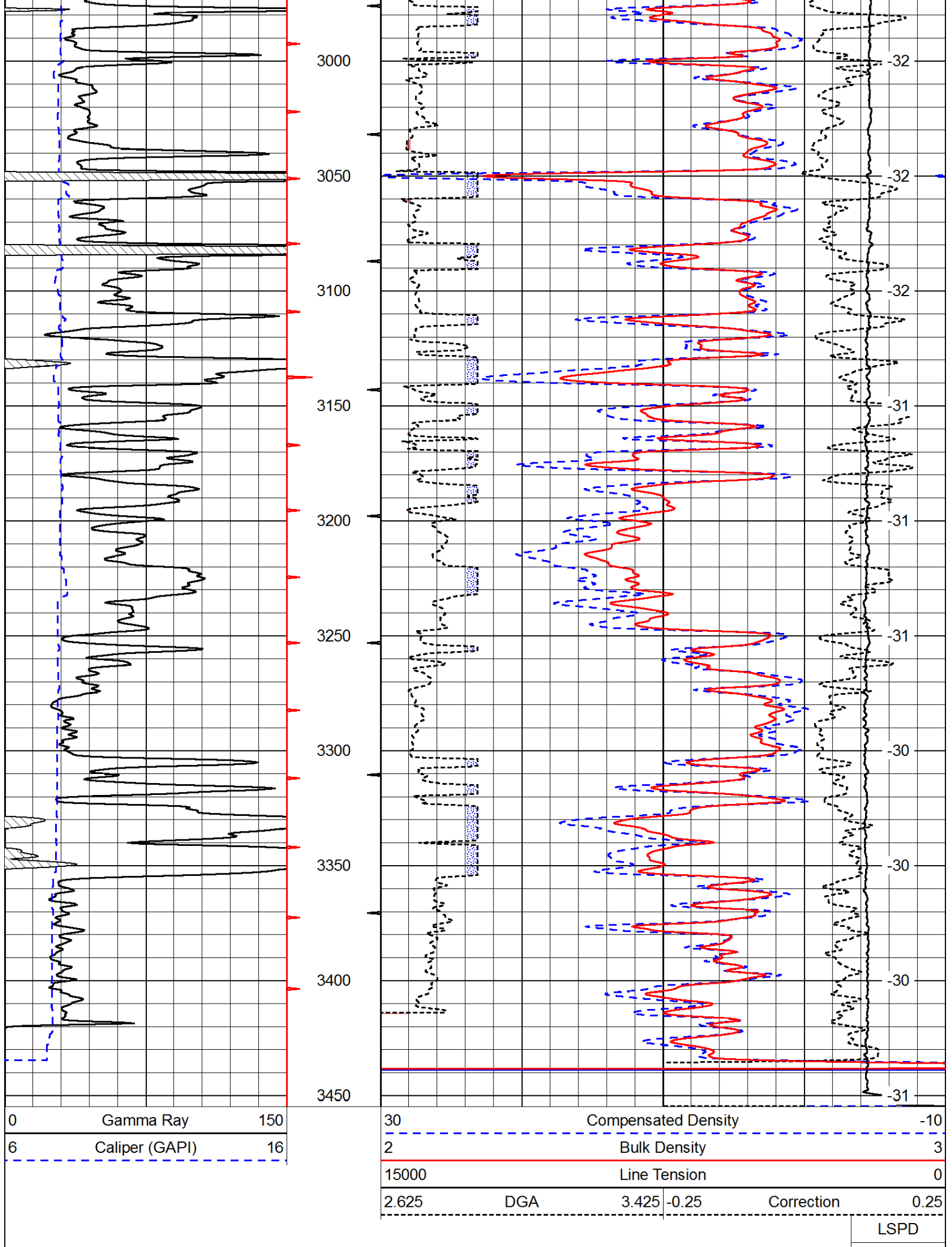
0	Gamma Ray	150
6	Caliper (GAPI)	16

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\roberts_beran-trapp #1-7\robhd.db
Dataset Pathname: DIL/robstm
Presentation Format: cndlspec
Dataset Creation: Wed Sep 05 21:36:24 2012
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

