



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-159-22,804-00-00

Company **American Warrior, Inc.**

Well **Dorothy No. 1-3**

Field **Geneseo-Edwards**

County **Rice** State **Kansas**

Location

**W-SE-SE-SE
335' FSL & 335' FEL**

Other Services
DIL
MEL/BHCS

Sec: **3**

Twp: **18S**

Rge: **8W**

Elevation

Permanent Datum **Ground Level** Elevation **1780**

Log Measured From **Kelly Bushing** 8 Ft. Above Perm. Datum

K.B. **1788**
D.F. **1780**
G.L. **1780**

Date

11/4/14

Run Number

One

Type Log

CNL / CDL

Depth Driller

3400

Depth Logger

3382

Bottom Logged Interval

3361

Top Logged Interval

2600

Type Fluid In Hole

Chemical

Salinity, PPM CL

4,100

Density

9.3

Level

Full

Max. Rec. Temp. F

110

Operating Rig Time

4 Hours

Equipment -- Location

108 | Hays

Recorded By

J. Henrickson

Witnessed By

Wyatt Urban

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

From

To

One

12.25

00

444

8.625

23#

00

444

Two

7.875

444

TD

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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

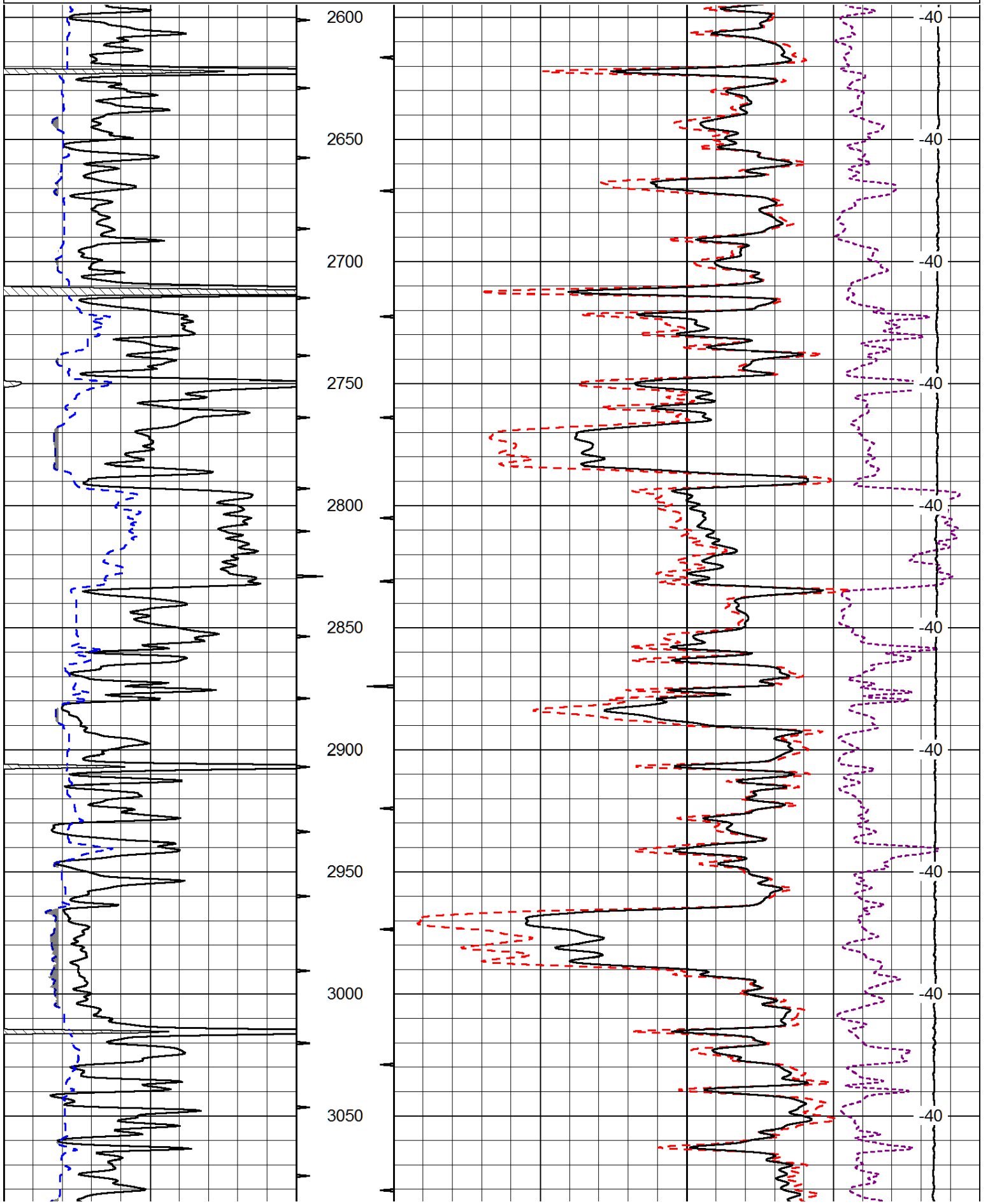
Thank you for using Log-Tech, Inc.
(785) 625-3858

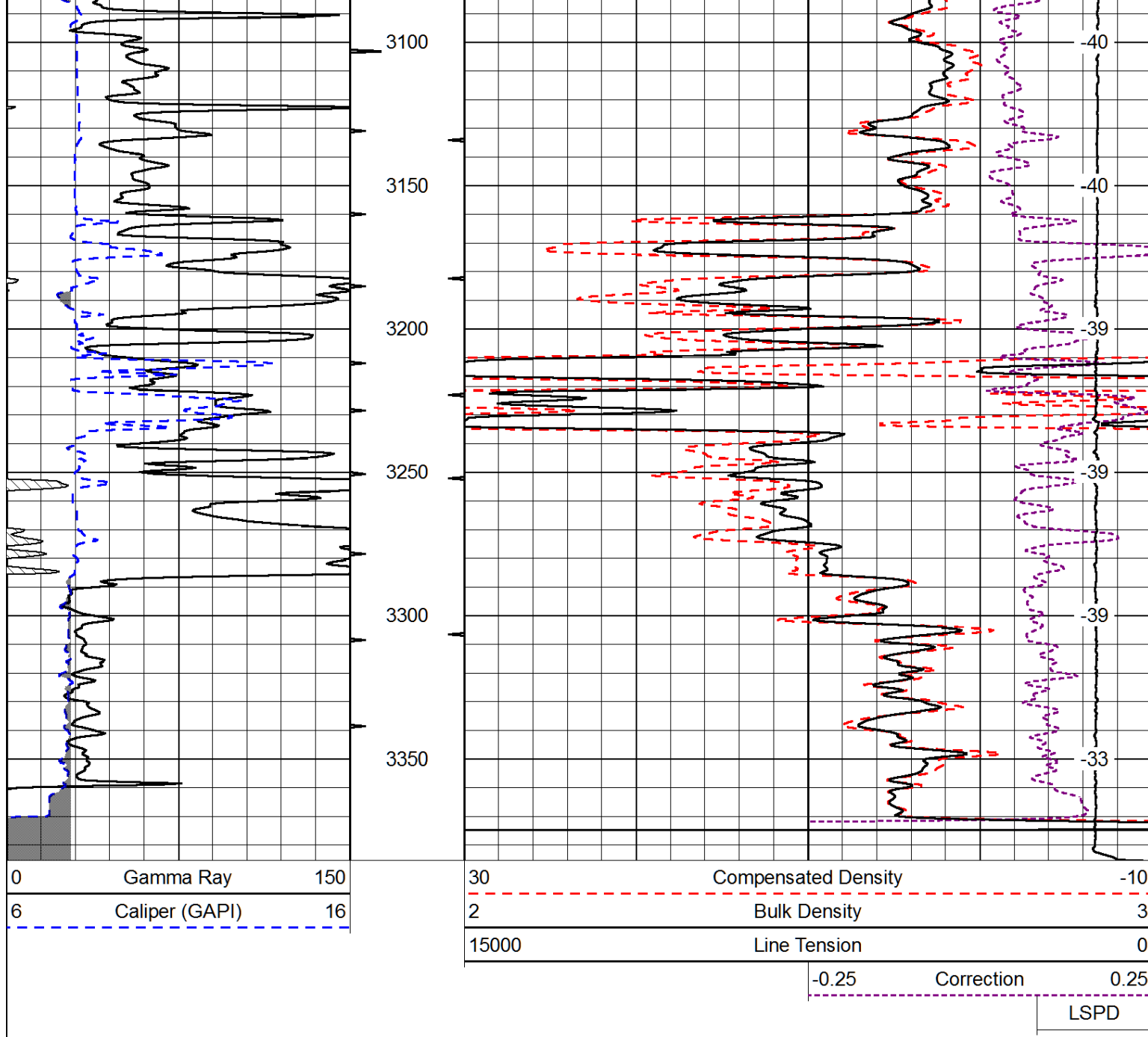
HWY 4 & HWY 14
1 East, 1 South, 1/2 West, North Into

Database File: american_warrior_dorothy_1_3hd.db
Dataset Pathname: DIL/awstk
Presentation Format: cdl
Dataset Creation: Tue Nov 04 21:18:35 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
	-0.25	Correction	0.25
			LSPD





Database File: american_warrior_dorothy_1_3hd.db
 Dataset Pathname: DIL/awstk
 Presentation Format: cndlspec
 Dataset Creation: Tue Nov 04 21:18:35 2014
 Charted by: Depth in Feet scaled 1:240

