



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-135-25,761-00-00

Company American Warrior, Inc.
Well BCB Unit #1
Field Schoolhouse North
County Ness
State Kansas

Location

1150' FSL & 220' FWL

Other Services
DIL

Sec: 20 Twp: 17S Rge: 21W

Permanent Datum Ground Level Elevation 2227
Log Measured From Kelly Bushing 6 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2233
D.F. 2227
G.L. 2227

Date

5/12/2014

Run Number

One

Type Log

CNL / CDL

Depth Driller

4320

Depth Logger

4318

Bottom Logged Interval

4316

Top Logged Interval

3600

Type Fluid In Hole

Chemical

Salinity, PPM CL

3000

Density

9.5

Level

Full

Max. Rec. Temp. F

119

Operating Rig Time

2 1/2 Hours

Equipment -- Location

108 Hays

Recorded By

D Kerr

Witnessed By

Jason Alm

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1

12.25

00

221

8.625

24#

00

221

2

7.875

221

4320

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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

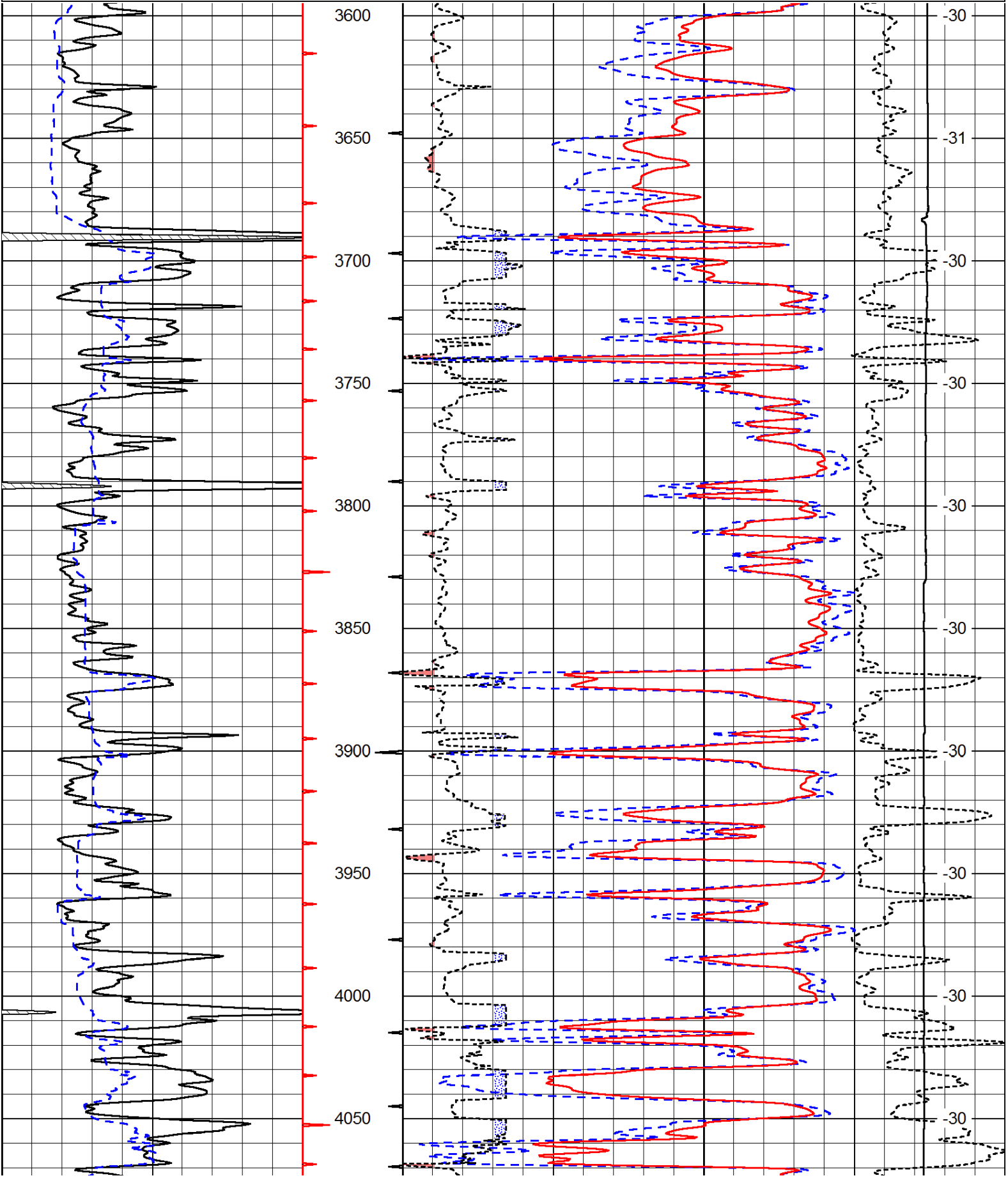
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

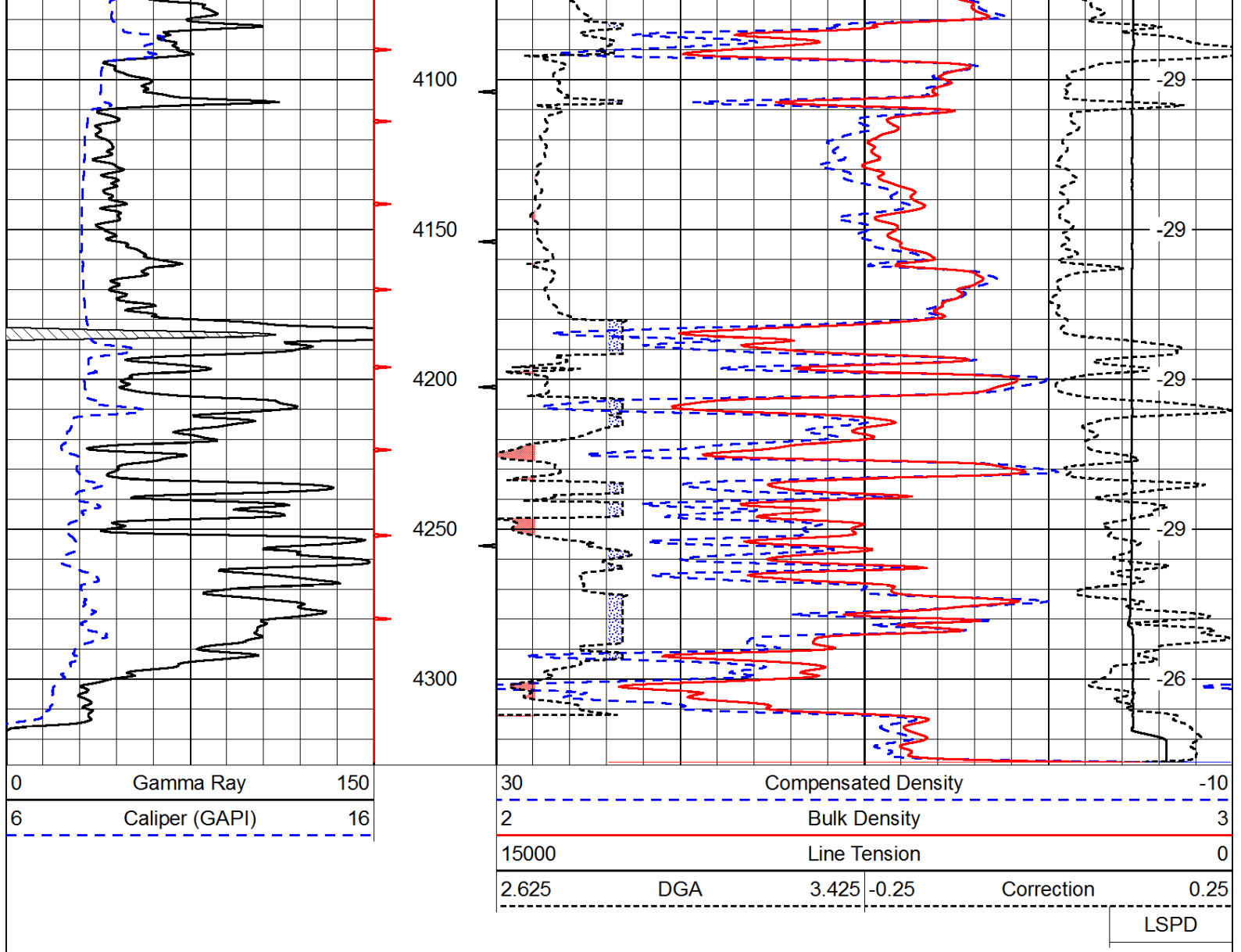
McCracken KS, South Edge, 5 West to GG RD,
1 South, 2 West to EE RD, 3/4 South, East Into

Database File: c:\warrior\data\amwar_bcb unit #1\amwarrior_bcbunit_1hd.db
Dataset Pathname: DIL\awstk
Presentation Format: cdl
Dataset Creation: Tue May 13 00:06:14 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\amwar_bcb unit #1\amwarrior_bcbunit_1hd.db
 Dataset Pathname: DIL/awstk
 Presentation Format: cndlspec
 Dataset Creation: Tue May 13 00:06:14 2014
 Charted by: Depth in Feet scaled 1:240

