



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-053-21,294-00-00

Company American Warrior, Inc.

Well White # 6-8

Field

County Ellsworth

State Kansas

Location

SW-NW-SE-NW
1062' FNL & 1388' FWL

Other Services
DIL
MEL

Sec: 8

Twp: 16S

Rge: 10W

Elevation

Permanent Datum Ground Level Elevation 1868
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1876
D.F.
G.L. 1868

Date

12/1/2013

Run Number One
Type Log CNL / CDL
Depth Driller 3460
Depth Logger 3459
Bottom Logged Interval 3438
Top Logged Interval 2750

Type Fluid In Hole Chemical
Salinity, PPM CL 6,600
Density 9.5
Level Full

Max. Rec. Temp. F 111
Operating Rig Time 3 1/2 Hours
Equipment -- Location 91 Hays
Recorded By J. Henrickson
Witnessed By Jim Musgrove

Run No. Bit From To Size Wgt. From To
1 12.25 00 376 8.625 24# 00 376
2 7.875 376 3460

Borehole Record

Casing Record

<<< 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.

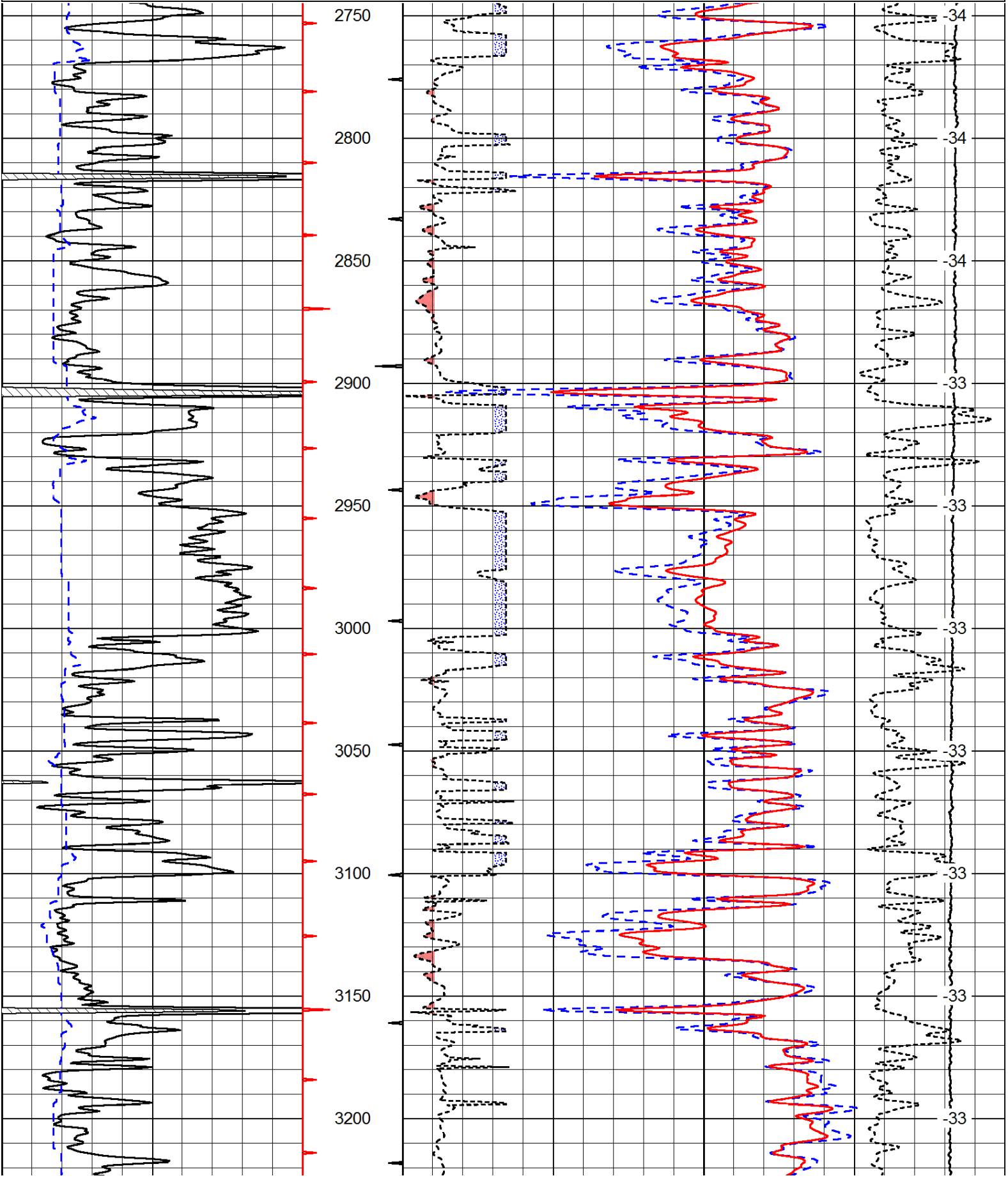
Comments

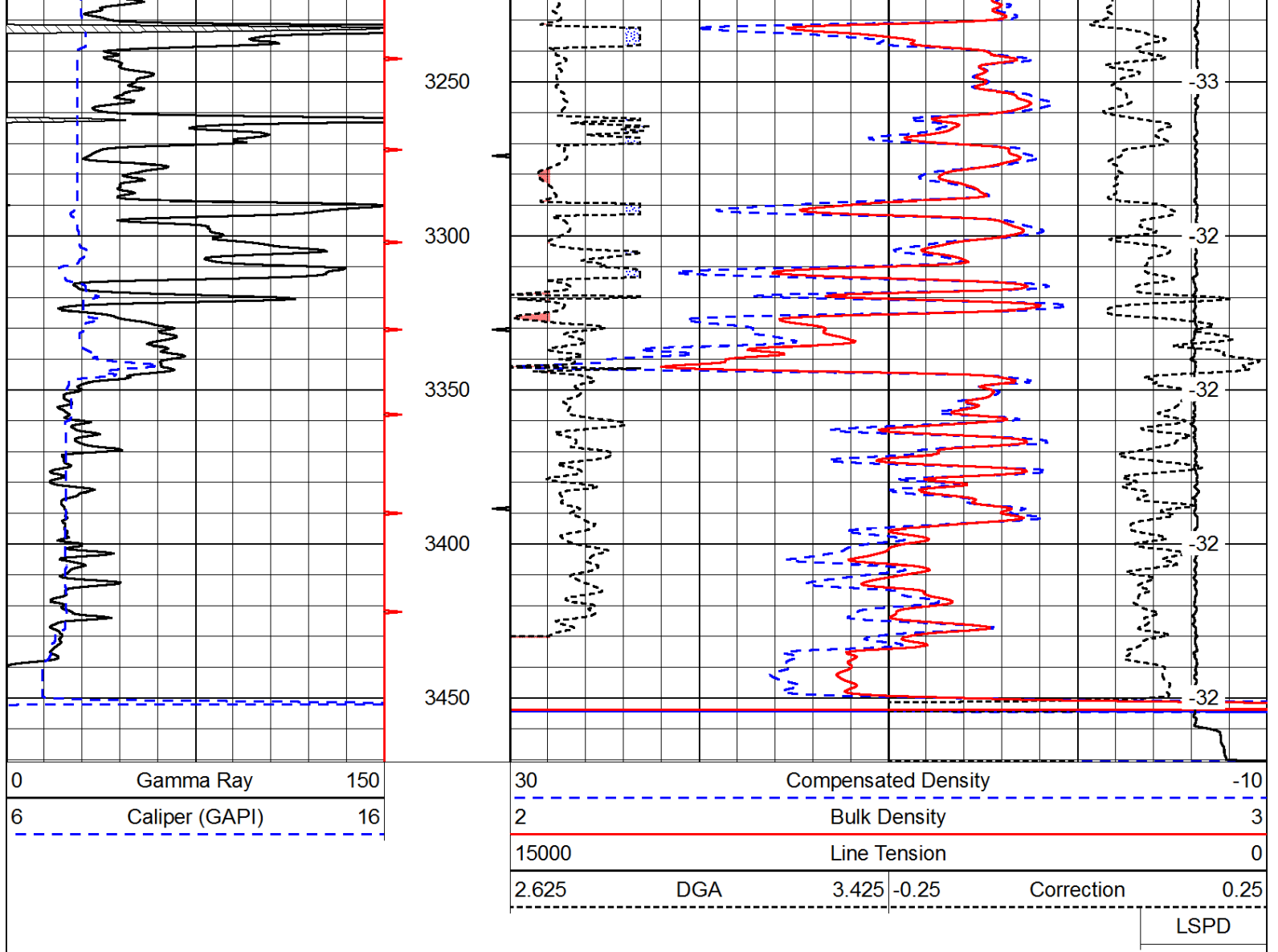
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Wilson KS
10 South, 1 1/4 East, South Into(Follow Lease Road Back to West)

Database File: c:\warrior\data\amwar_white # 6-8\americanwarrior_120113hd.db
Dataset Pathname: DIL\awstk
Presentation Format: cdl
Dataset Creation: Sun Dec 01 06:34:07 2013
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_white # 6-8\americanwarrior_120113hd.db
 Dataset Pathname: DIL/awstk
 Presentation Format: cndlspec
 Dataset Creation: Sun Dec 01 06:34:07 2013
 Charted by: Depth in Feet scaled 1:240

