



Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-167-23,987-00-00

Company American Warrior, Inc.

Well Eulert #21-35

Field Eulert

County Russell

State Kansas

Location

1330' FSL & 2240' FEL

Sec: 35 Twp: 11S Rge: 15W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 1841

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

Elevation
K.B. 1849
D.F.
G.L. 1841

Date 7/25/2014

Run Number One

Type Log CNL / CDL

Depth Driller 3410

Depth Logger 3409

Bottom Logged Interval 3388

Top Logged Interval 2500

Type Fluid In Hole Chemical

Salinity, PPM CL 5.500

Density 9.3

Level Full

Max. Rec. Temp. F 110

Operating Rig Time 3 Hours

Equipment -- Location 17 Days

Recorded By C. Desaire

Witnessed By Adam Folk

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

902

00

8.625

24#

00

902

00

00

00

00

00

00

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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.

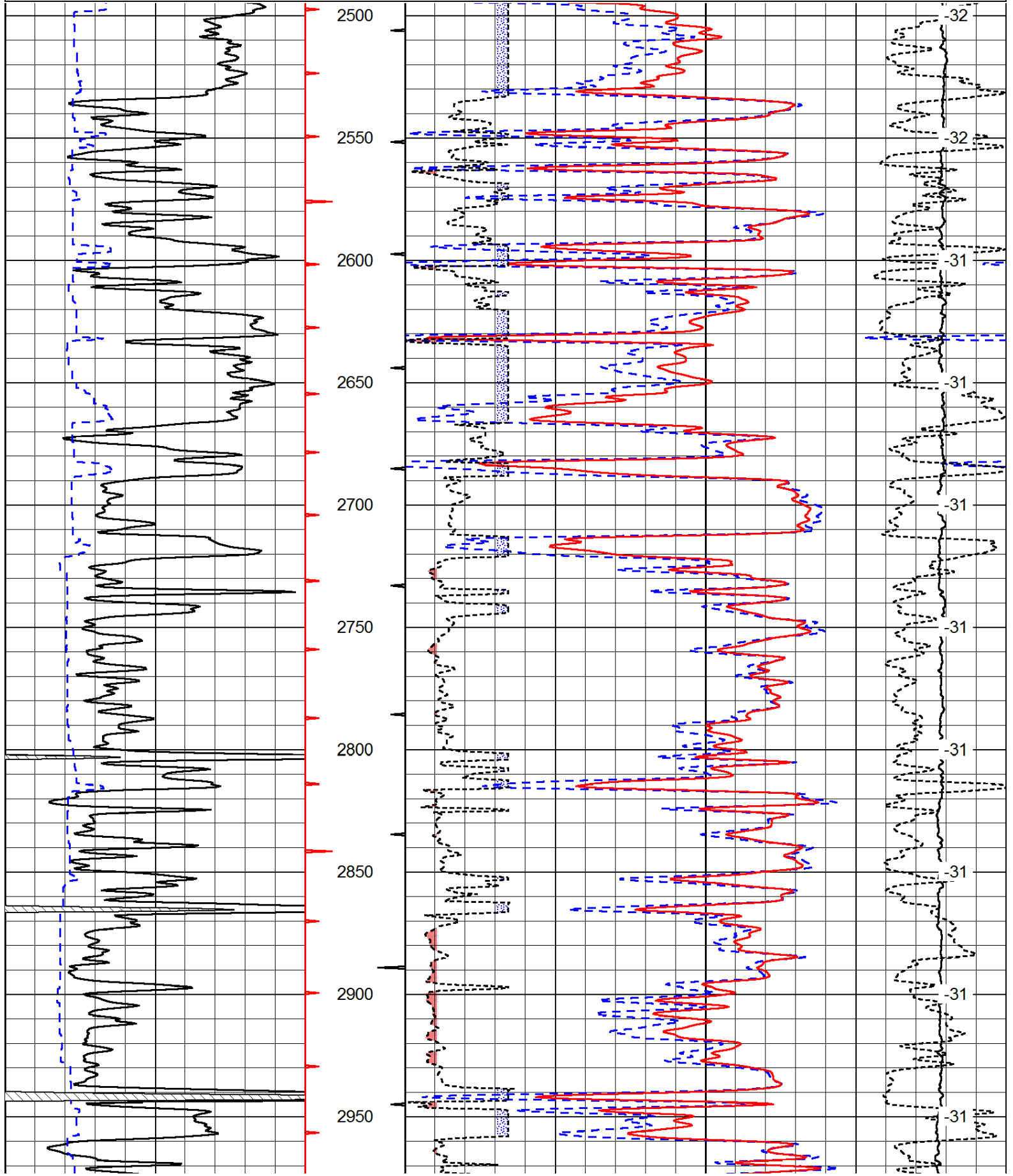
Comments

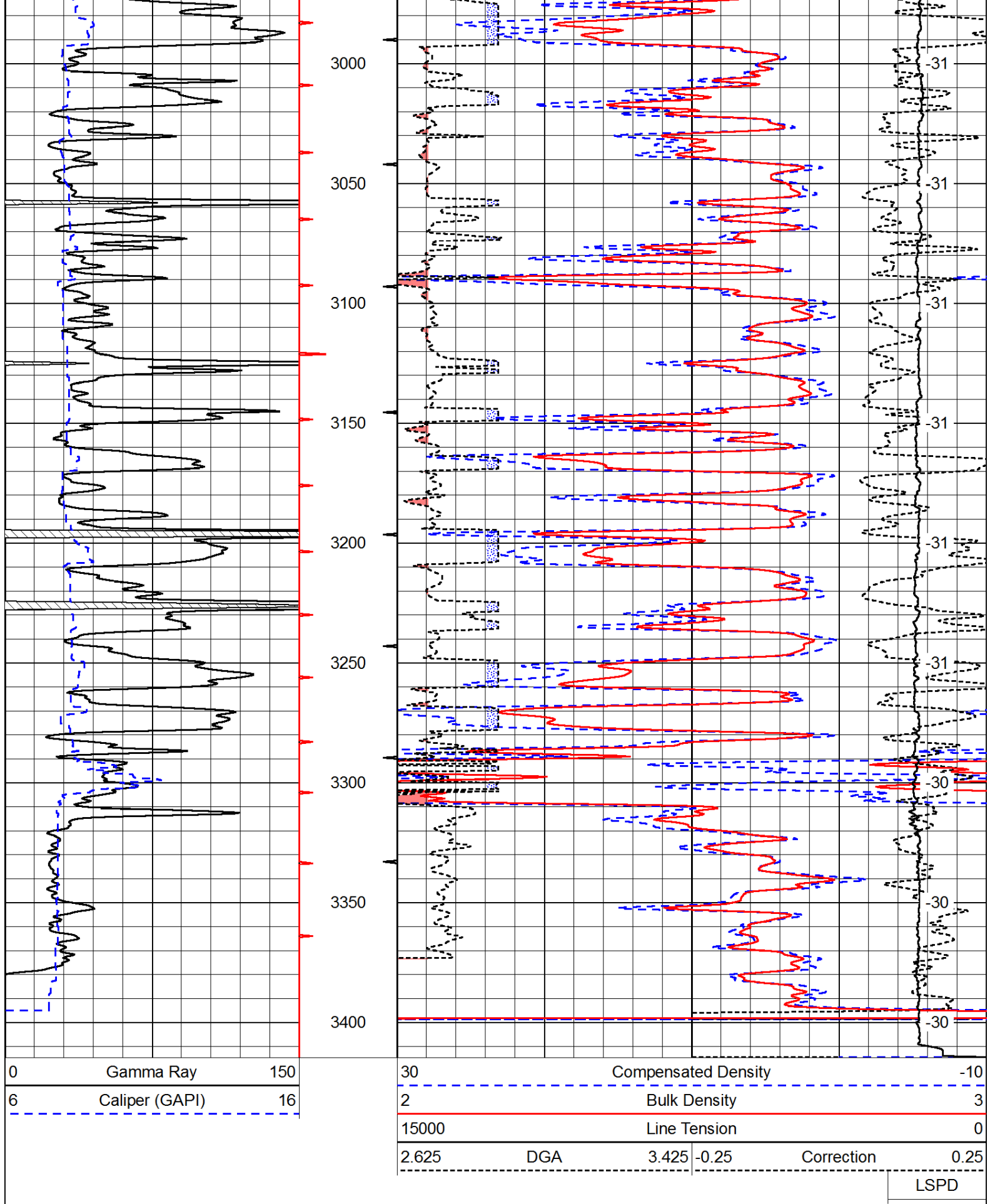
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Russell KS, N to Mellard Rd,
W to 180 Rd, 3 1/4 N, W N W S 1/2 mile into

Database File: c:\warrior\data\amwar_eulert #21-35\awhd.db
Dataset Pathname: dil/awstk
Presentation Format: cdl
Dataset Creation: Sat Jul 26 06:17:04 2014
Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:600							
0	Gamma Ray	150	30	Compensated Density		-10	
6	Caliper (GAPI)	16	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_eulert #21-35\awhd.db
 Dataset Pathname: dil/awstk
 Presentation Format: cndlspec
 Dataset Creation: Sat Jul 26 06:17:04 2014

0	Gamma Ray	150	30	Compensated Neutron (Limestone)		-10		
6	Caliper (GAPI)	16	30	Compensated Density (Limestone)		-10		
			2.625	DGA	3.425	-0.25	Correction	0.25
			15000	Line Tension			0	
							LSPD	

