



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-009-25,846-00-00

Company American Warrior, Inc.
Well Eberhardt #2-24
Field Chase-Silica
County Barton State Kansas

Location SW NE SW NW
1930' FNL & 957' FWL
Sec: 24 Twp: 19S Rge: 11W

Other Services
DIL
MEI/BHCS

Permanent Datum Ground Level Elevation 1772
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1780
D.F.
G.L. 1772

Date 7/11/2013

Run Number One

Type Log CNL / CDL

Depth Driller 3400

Depth Logger 3401

Bottom Logged Interval 3400

Top Logged Interval 2800

Type Fluid In Hole Chemical

Salinity, PPM CL 7400

Density 9.0

Level Full

Max. Rec. Temp. F 110

Operating Rig Time 4 1/2 Hours

Equipment -- Location 15 Days

Recorded By D Kerr

Witnessed By Wyatt Urban

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
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1	12.25	00	321	8.625	24#	00	321
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2	7.875	321	3400				
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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

Ellinwood KS, 1 North on Hirsh RD,
4 East to 150 RD, 1/2 North, East Into

Database File: c:\warrior\data\amwar_eberhardt #2-24\amwarrior_eberhardt_2_24hd.db
Dataset Pathname: DIL\awstk
Presentation Format: cdl
Dataset Creation: Thu Jul 11 09:07:23 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			









