



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-069-20470-00-00

Company American Warrior, Inc.
Well Shadow # 6-17
Field Shadow
County Gray
State Kansas

Location NW-SE-NE-NW
779' FNL & 2279' FWL
Sec: 17 Twp: 28 S Rge: 30 W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 2805
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2818
D.F.
G.L. 2805

Date 3/18/2014

Run Number One

Type Log CNL / CDL

Depth Driller 5300

Depth Logger 5301

Bottom Logged Interval 5280

Top Logged Interval 3900

Type Fluid In Hole Chemical

Salinity, PPM CL 2300

Density 9.2

Level Full

Max. Rec. Temp. F 131

Operating Rig Time 4 Hours

Equipment -- Location 91 Hays

Recorded By Y. Ruiz

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	1743	8.625	24#	00	1743
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2	7.875	1743	5300				
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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
Copeland,
1/2 East to 3 Rd, 5 North, 1/2 West,
South into

Database File: c:\warrior\data\amwar_shadow # 6-17\american_warrior_031814hd.db
Dataset Pathname: DIL\awstml
Presentation Format: cdl
Dataset Creation: Wed Mar 19 01:16:39 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			

















