



Pioneer Energy Services

Dual Compensated Porosity Log

15-055-22,301-00-00

API No.

Company **American Warrior, Inc.**

Well **O'Brate Finney #1-15**

Field **Finney**

County **Finney** State **Kansas**

Location **1,697' FSL & 1,379 FWL**

Sec: **15** Twp: **25S** Rge: **31W**

Permanent Datum **Ground Level** Elevation **2759**
 Log Measured From **Kelly Bushing** 11 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Other Services
DIL/BHCS
Elevation
K.B. 2770
D.F. G.L. 2759

Date	5/19/2014	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	5000	
Depth Logger	5000	
Bottom Logged Interval	4979	
Top Logged Interval	3850	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	2500	
Density	9.55	
Level	Full	
Max. Rec. Temp. F	126	
Operating Rig Time	5 Hours	
Equipment -- Location	108 Hays	
Recorded By	J. Long	
Witnessed By	Kevin Timson	

Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	1701	8.625	24#	00	1701
2	7.875	1701	5000				

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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

Pierceville, 9/10 Southwest on Pierceville Road to Beach Road, 2 West, 1/3 North,
 East Into

Database File: c:\warrior\data\amwar_o'brate finney #1-15\amwarrior_obratefinney_1-15hd.db
 Dataset Pathname: dil/awstck
 Presentation Format: cdl
 Dataset Creation: Mon May 19 00:01:23 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			















