



Pioneer Energy Services

## Dual Compensated Porosity Log

API No. 15-055-22393-00-00

Company **American Warrior, Inc.**  
 Well **O'Brate-Finney #7-5**  
 Field **Seven Mile**  
 County **Finney** State **Kansas**

Location **952' FSL & 744' FWL**

Sec: 5 Twp: 23S Rge: 32W

Other Services **DIL/MEL**

Permanent Datum **Ground Level** Elevation **2853**  
 Log Measured From **Kelly Bushing** 11 Ft. Above Perm. Datum  
 Drilling Measured From **Kelly Bushing**

Elevation **K.B. 2864**  
**D.F. 2853**  
**G.L. 2853**

Date **3/12/2015**

Run Number **One**

Type Log **CNL / CDL**

Depth Driller **4900**

Depth Logger **4898**

Bottom Logged Interval **4877**

Top Logged Interval **3750**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **2600**

Density **9.4**

Level **Full**

Max. Rec. Temp. F **125**

Operating Rig Time **4 1/2 Hours**

Equipment -- Location **15 Hays**

Recorded By **D.Kerr**

Witnessed By **Kevin Timson**

Borehole Record				Casing Record			
Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	1766	8.625	23#	00	1766
Two	7.875	1766					

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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  
 785.625.3858  
  
 Garden City KS, 5 North to Six Mile RD,  
 1 East, 1/2 North, East and North Into

Database File amwarrior\_obratefinney\_7\_5hd.db  
 Dataset Pathname DIL/aw  
 Presentation Format cdl  
 Dataset Creation Thu Mar 12 04:00:59 2015  
 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
	-0.25	0.25
	Correction	
		LSPD















