



Pioneer Energy Services

Dual Compensated Porosity Log

15-097-21,767-00-00

API No.

Company **Toto Energy, LLC**
 Well **Binford #2-1**
 Field **Wellsford**
 County **Kiowa** State **Kansas**

Location **1650' FSL & 2310' FEL**
 Sec: **2** Twp: **28S** Rge: **16W**

Other Services
 DIL
 MEL

Permanent Datum **Ground Level** Elevation **2111**
 Log Measured From **Kelly Bushing** **11** Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
 K.B. **2122**
 D.F. **2111**
 G.L. **2111**

Date	9/3/2013	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	5053	
Depth Logger	5050	
Bottom Logged Interval	5029	
Top Logged Interval	3800	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	7000	
Density	9.4	
Level	Full	
Max. Rec. Temp. F	127	
Operating Rig Time	4 Hours	
Equipment -- Location	15 Hays	
Recorded By	D Kerr	
Witnessed By	Sean Deenihan	

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	857	8.625	24#	00	857
2	7.875	857	5053				

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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
 Haviland KS, 3 East, 1 North,
 1/2 East, North Into

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			















