



Pioneer Energy Services

Dual Compensated Porosity Log

15-007-24,165-00-00

API No.

Company **N-10 Exploration, LLC**
 Well **Medicine River Ranch 'B' #14**
 Field **Landis**
 County **Barber** State **Kansas**

Location **825' FSL & 1980' FEL**
 Sec: **15** Twp: **34S** Rge: **11W**

Permanent Datum **Ground Level** Elevation **1337**
 Log Measured From **Kelly Bushing** **10 Ft. Above Perm. Datum**
 Drilling Measured From **Kelly Bushing**

Other Services
DIL
 Elevation
 K.B. 1347
 D.F. 1337
 G.L. 1337

Date	5/17/2014
Run Number	One
Type Log	CNL / CDL
Depth Driller	5046
Depth Logger	5046
Bottom Logged Interval	5025
Top Logged Interval	3400
Type Fluid In Hole	Chemical
Salinity, PPM CL	3,000
Density	9.5
Level	Full
Max. Rec. Temp. F	126
Operating Rig Time	2 1/2 Hours
Equipment -- Location	17 Hays
Recorded By	C. Desaire
Witnessed By	Tim Pierce

Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	268	8.625	24#	00	268
2	7.875	268	5046				

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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.pioneerenergy.com
 785 625 3858
 Medicine Lodge KS, S to Scott Canyon Rd,
 3 E and over cattle guard, E & S across river, Left at fork,
 Right at fork, 1/2 E, 1/4 S Into

Database File: c:\warrior\data\n-10_medicine river ranch 'b' #14\n10hd.db
 Dataset Pathname: dil/n10stk
 Presentation Format: cdl
 Dataset Creation: Sat May 17 17:13:05 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
-0.25	Correction	0.25
		LSPD























