



Pioneer Energy Services

Dual Compensated Porosity Log

15-159-22,721-00-00

API No.	15-159-22,721-00-00		
Company	American Warrior, Inc.		
Well	Vokland No.2-32		
Field	Chase-Silica		
County	Rice	State	Kansas
Location	1050' FSL & 2292' FWL		
Sec: 32	Twp: 18S	Rge: 9W	
Permanent Datum	Ground Level	Elevation	1712
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	12/29/2012	Elevation	1712
Run Number	One	D.F.	1720
Type Log	CNL / CDL	G.L.	1712
Depth Driller	3340		
Depth Logger	3338		
Bottom Logged Interval	3317		
Top Logged Interval	2600		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	7,600		
Density	9.1		
Level	Full		
Max. Rec. Temp. F	109		
Operating Rig Time	4 Hours		
Equipment -- Location	17 Hays		
Recorded By	C. Desaire		
Witnessed By	Jim Musgrove		

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	335	8.625	24#	00	335
2	7.875	335	3340				

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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

 Chase KS, 5 1/2 N, 1/2 E, N Into

Database File: c:\warrior\data\amwar_vokland no.2-32\awhd.db
 Dataset Pathname: dil/awstk
 Presentation Format: cdl
 Dataset Creation: Sat Dec 29 16:56:24 2012
 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			











