



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 88, Osawatomie, KS 66064  
 913.755.2128

**GAMMA RAY / NEUTRON / CCL**

File No. Company **Colt Energy, Inc.**  
 Well **Cobble No. - 16**  
 Field **Big Sandy**  
 County **Woodson** State **Kansas**

Location **490 FSL & 1415 FEL**  
 SEC SWSE  
 Permament Datum **Twp. 28S Rge. 14E**  
 Log Measured From **GL** Elevation **939**  
 Drilling Measured From **GL** Elevation **KB NA**  
 O.F. **NA**  
 O.L. **939**

Date **02-06-2017**  
 Run Number **One**  
 Depth Driller **1435.0**  
 Depth Logger **1415.0**  
 Bottom Logged Interval **1414.0**  
 Top Log Interval **20.0**  
 Fluid Level **Fill**

Type Fluid	Water						
Density / Viscosity	NA						
Salinity - PPM Cl	NA						
Max Recorded Temp	NA						
Estimated Cement Top	0.0						
Equipment No.	104						
Location	Gary Windish						
Recorded By	John Amernan						
Witnessed By							
BOREHOLE RECORD							
NO	BIT	FROM	TO	SIZE	WGT	FROM	TO
One	12.25"	41.0	41.0	8.625"	24.0	0.0	41.0
Two	6.75"	41.0	1425.0	4.57"	10.5	0.0	1428.0
					SR	AI	1424.0

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not warrant 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

Drilling Contractor :  
 Bar Drilling, LLC.

Database File: cobble 16.cb  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Mon Feb 06 10:21:42 2017 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

