

Company Bonanza Creek Operating Inc.  
Well North Plate 44-33  
Field Wattenberg  
County Weld State/Province Colorado

Location 479 FNL & 463 FEL NENE Sec. 4  
BHL 661' FSL & 671' FEL SESE  
Sec 33 Twp 5N, Rge 63W  
Elevation 4535  
Other Services None

Company Well Field County State/Prv  
Log Measurement From KB  
Drilling Measures From KB  
Date June 3, 2011  
Run Number 6821  
Depth Chirp 15825  
Bottom Log Interval  
Top Log Interval  
Casing Driller  
Casing Logger  
Casing Driller  
Casing Logger  
Bit Size 7-7/8"

Type Fluid in Hole  
Type Fluid Density  
Source of Sample  
Rmt @ Mass Temp  
Rmt @ Mass Temp  
Rmt @ Mass Temp  
Source of Rmt /rmt  
Rmt @ Rmt  
Time from Stop  
Maximum Recorded Temperature  
Equipment Number  
Location  
Recorded By  
Witnessed By

Brian Cunningham  
Ian Harris  
Kurt Dodge

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 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  
  
Annular volume calculated for 4.5" casing  
Ensign Drilling Rig 7  
Thank you for using Phoenix Surveys!!  
API #: 05-123-33349-00

