

Company	Bonanza Creek Operating Co. LLC		
Well	Gutterson Ranch 34-9		
Field	Wattenberg		
County	Weld	State/Province	Colorado
Location	790' FSL & 2033' FEL SW SE Sec - 9, Twp - 4N, Rge - 63W		
Other Services	None		
GL	Elevation 4757		Elevation
Permanent Datum			K.B. 4769
Log Measured From	KB		D.F. 4768
Drilling Measured From	KB		GL 4767
Date	July 21, 2008		
Run Number	1		
Depth Driller	6859		
Depth Logger	6859		
Bottom Logged Interval	6859		
Top Log Interval			
Casing			
Casing Driller	896		
Casing Logger	896		
Bit Size	7-7/8"		
Type Fluid in Hole	Polymer Gel		
Density / Viscosity	8.9 / 50		
pH / Fluid Loss	10.5 / 8.8		
Source of Sample	Flowline		
Rm @ Meas Temp	3.27 @ 88° F		
Rmt @ Meas Temp	2.61 @ 88° F		
Rmc @ Meas Temp	3.97 @ 88° F		
Source of Rmt / Rmc	Measure / Calc		
Rm @ BHT	1.14 @ 220° F		
Time Circulation Stopped	0430		
Time Logger on Bottom	1000		
Maximum Recorded Temperature	220° F		
Equipment Number	4800		
Location	Brighton, CO		
Recorded By	Eric Christensen		
Witnessed By	Kerry McCoven	Mark Scannellio	

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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

Annular volume calculated for 4.5" casing
Mid Continent Rig 1
Thank you for using Phoenix Surveys!!
API #: 05-123-25660-00

Database File:	8978.db
Dataset Pathname:	final
Presentation Format:	pdv
Dataset Creation:	Mon Jul 21 10:36:21 2008
Charted by:	Depth in Feet scaled 1:240

6	Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
0	Gamma Ray (GAPI)	200	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
0	SP (mV)	200	2	Shallow Resistivity (Ohm-m)	200			

