

Company		Noble Energy Inc.	
Well		RH Farms IJ33-11D	
Field		Wattenberg	
County		Weld	
State/Province		Colorado	
Location		SHL 687 - SL & 678 FUL SW SW	
Borehole		BHL 1987 / SL & 2038 FUL NE SW	
Sec - 35		TWP - 1N R9E - 60W	
Permanent datum		Elevation 4955	
Log Measured From		SL	
Date		December 25, 2011	
Run Number		7348	
Depth Logger		7338	
Bottom Logged Interval		7338	
Top Log Interval		Casing	
Casing		7348	
Casing Interval		7348	
Bit Size		7-7/8"	
Type Fluid in Hole		Chemical	
Density / viscosity		9.2 / 78	
Source of Sample		Fluviale	
Run @ Meas. Temp		1.27 @ 79°F	
Run @ Meas. Temp		1.02 @ 79°F	
Run @ Meas. Temp		1.52 @ 79°F	
Run @ Meas. Temp		1.02 @ 79°F	
Time Circulator Stopped		0.48 @ 211°F	
Time Circulator Started		0000	
Maximum Measured Temperature		211°F	
Location		Burrhead, CO	
Recorded by		Randy Conroy	
Unvised by		Mike McCalland	

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
Saxon Drilling Rig 143
Thank you for using Phoenix Surveys!!
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