

<div>Phoenix Surveys, Inc.</div> <div>COMPENSATED DENSITY COMPENSATED NEUTRON MICROLOG</div>		Company Great Western Oil & Gas LLC	
Well HCW 24-24		Location 680 FSL & 1984 FWL	
County Weld		State/Province Colorado	
County Sec 24 Twp - 0N Rge - 67W		Other Services	
GL		Elevation 4754	
Log Measured From K/B		Induction	
Date December 18, 2010		K/B 4770 D/F 4769 G/L 4754	
Run Number 7233		Bottom Logged Interval	
Depth Logged 7232		Top Log Interval	
Casing Offset 3390		Casing Logger	
Casing Offset 546		Tool Joint in Hole	
Casing Offset 3390		Tool Joint in Hole	
Density / Viscosity		9.7 / 0.6	
pH / Fluid Loss		Flowline	
Source of Sample		3.28 @ 67' F	
Flow @ Mass Temp		3.28 @ 67' F	
Flow @ Mass Temp		3.28 @ 67' F	
Source of Rmt / Rmc		Measure Calc	
Rmt @ BHT		1.11 @ 204 F	
Time Circulation Stopped		2115 12/17/10	
Time of Day on Bottom		0415 12/18/10	
Equipment Number		52	
Equipment		Egerton CO	
Location		Mason Sharon	
Unreased By		Jay Pope	

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
Ensign Drilling Rig 7
Thank you for using Phoenix Surveys.
API #: 05-123-31499-00

