



PHOENIX SURVEYS, INC.

Company: Great Western Oil & Gas LLC
Well: Binder 4-6-20
Field: Wattenberg
County: Weld
State/Province: Colorado

Location: BH 2464 FSL & 2277 FWL NESW
BH 1333 FSL & 2454 FWL NESW
Sec 20 Twp 4N Rge 67W

Log Measured From: KB
Date: February 10, 2012
Depth: 7583
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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
Cade Drilling Rig 22
Thank you for using Phoenix Surveys.
API #: 05-123-32969-00
No Repeat Due to Hole Conditions

