

PHOENIX SURVEYS, INC.

COMPENSATED DENSITY

COMPENSATED NEUTRON

GAMMA RAY

Company

Well

Field

County

State/Private

Great Western Oil & Gas LLC

Wittman 2-34

Wattenberg

Weld

State/Province

Colorado

Location

SHL 773 FSL & 2038 FWL SE SW

BHL 334 FSL & 2038 FEL SW SE

Sec 2, Twp - 4N, R9E - 67W

Other Services

Dual Induction

Permanent Datum

GL

Elevation

4735

Log Measured From

K/B

Drilling Measured From

K/B

Date

November 09, 2010

Run Number

7657

Depth Logger

7657

Bottom Logger Interval

7637

Top Log Interval

3690

Caliper Logger

Natl. Caliper

Caliper Interval

7.786

Bit Size

Type Fluid in Hole

Chem. Gel

Density / viscosity

3.0 / 55

Source of Sample

Forming

Run @ Mass Temp

3.33 @ 68 F

Run @ Mass Temp

2.50 @ 68 F

Run @ Mass Temp

4.16 @ 86 F

Run @ Mass Temp

1.10 @ 205 F

Run @ BHT / Run

2130 1109/10

Time Logger on Bottom

05:15 1109/10

Maximum Recorded Temperature

205 F

Location

Brighton, CO

Recorded By

Michael Simon

Witnessed By

Mark Scamardo

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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  
Ensign Drilling Rig 7  
Thank you for using Phoenix Surveys.  
API #: 05-123-31935-0000  
No Repeat due to hole conditions!

