

COMPENSATED DENSITY

COMPENSATED NEUTRON

GAMMA RAY

PHOENIX SURVEYS, INC.

Company

Great Western Oil & Gas LLC

Well

Tatman 34-13

Field

Wattenberg

County

Weld

Location

2042 FSU & 689' FWL

State/Prv

Sec. 34, Twp. 7N, Rge. 64W

Other Services

Dual Induction

Company

Well

Field

County

Location

State/Prv

Other Services

Dual Induction

Permanent Datum

GL

Elevation

4045

Log Measured From

K/B

K/B: 4661

D.F.: 4660

G.L.: 4645

Drilling Measured From

K/B

Date

May 13, 2008

Run Number

7369

Depth Logger

7257

Bottom Logged Interval

7237

Top Log Interval

3700

Casing Offset

645

Casing Logger

Not Logged

Tool Joint in Hole

Chem Seal

Density / Viscosity

9.2 / 64

pt / Fluid Loss

8.9 / 6.5

Source of Sample

Mudpit

Run @ Mass Temp

4.13 @ 60° F

Run @ Mass Temp

4.13 @ 60° F

Source of Run / Run

4.56 @ 50° F

Run @ BHT

Measure Calc

Time Circulation Stopped

1.24 @ 99° F

Time of Run / Run

1500

Time of Run / Run

1500

Equipment Number

4400

Location

Ensign CO

Recorded By

Shuan Sumarno

Witnessed By

Mark Scarnello

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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 4-1/2" casing

Ensign Rig 7

Thank you for using Phoenix Surveys!!

API #: 05-123-25480-00

Database File: 8688.db
Dataset Pathname: pass3
Presentation Format: poro1
Dataset Creation: Tue May 13 22:44:35 2008 by Log Open-Cased 061129
Charted by: Depth in Feet scaled 1:240

Density Caliper (in) 16
Gamma Ray (GAPI) 30

Density Porosity (pu) -10
Neutron Porosity (pu) -10
Corr (g/cc) 0.5

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Caliper (in) 16
Gamma Ray (GAPI) 200

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Neutron Porosity (pu) -10
Correction (g/cc) 0.5

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2.71 LS Matrix

Matrix Change

2.68 SS Matrix

Density Porosity FR

Neutron Porosity FR

GR FR

Caliper

Logger's TD: 7257'