



COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

PHOENIX SURVEYS, INC.

Company Bonanza Creek Operating Co. LLC

Well Proughorn 32-5

Field North Riverside

County Weld

State/Province Colorado

Location 1991 FNL & 2018 FWL

Sec. 5, Twp. 5N, Rge. 61W

Elevation 4027

Other Services

Company Well Field County State/Prv

Permanent Datum GL

Log Measured from KB

Date June 14, 2006

Run Number 6830

Depth Logger 6818

Tool Logged Interval Casing

Casing Diameter 365

Bit Size 7-1/8"

Type Fluid in Hole Cement Gel

Density / Viscosity 9.2 / 75

pH / Fluid Loss 10.0 / 8.0

Source of Sample Flowline

Run @ Loss Rate 3.35 @ 92' F

Run @ Loss Rate 2.71 @ 92' F

Run @ Loss Rate 4.00 @ 92' F

Source of Flow Rate Measure / Calc

Run @ BRT 1.21 @ 154' F

Time Logger on Bottom 0530

Maximum Recorded Temperature 154' F

Equipment Number 4300

Recorded By Bryan Conley

Location Brighton, CO

Checked By Matt Schmiedel

Verified By Jeff Schneider

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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 Drilling Rig 32

Thank you for using Phoenix Surveys!!

API #: 05-123-23895-00

Database File: 6115.db

Dataset Pathname: final

Presentation Format: pdc1

Dataset Creation: Wed Jun 14 16:01:01 2006

Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16

30 Gamma Ray (GAPI) 130

50 SP (mV) 150

2 Deep Resistivity (Ohm-m) 200 20

2 Medium Resistivity (Ohm-m) 200 20

2 Shallow Resistivity (Ohm-m) 200

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Neutron Porosity (pu) 0

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