

PHOENIX SURVEYS, INC.

COMPENSATED DENSITY

DUAL INDUCTION

Company

Petroleum Development Corporation

Well

Anderson #1-1-2

Field

Wattenberg

County

Weld

State/Province

Colorado

Company

Well

Field

County

State/Prv

Location

743 FNL & 562 FVL

Sec 2, Twp 6N, Rge 68W

Permanent Datum

GL

Elevation

4590

Log Measured From

K/B

Elevation

4590

Date

March 30, 2007

Run Number

7433

Depth Logger

7531

Bottom Logged Interval

7531

Top Log Interval

Casing

Casing Offset

400

Casing Logger

7530

Time Built in Hole

Chen G&H

Density / Viscosity

8.61 / 56

pt./fluid Loss

Source of Sample

Flowline

Run @ Mass Temp

3.50 @ 79° F

Run @ Mass Temp

4.20 @ 79° F

Source of Run / Run

Measure / Calc

Run @ BHT

1.19 @ 207° F

Time Circulation Stopped

07:00

Time of Log on Bottom

20:41

Equipment Number

4441

Location

Brighton, CO

Recorded By

Peter Chivalari

Unvised By

Dik Johnson

Matr ID

<<< Fold Here >>>

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 31
Thank you for using Phoenix Surveys!!
API #: 05-123-24860-00
No repeat due to hole conditions

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)

Database File: 7004.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Mar 30 18:19:21 2007
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu)
20 Neutron Porosity (pu)