



HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

PHOENIX SURVEYS, INC.

Company Bonanza Creek Operating Inc.

Well Antelope 21-29

Field Wattenberg

County Weld

State/Province Colorado

Local SHL: 1650' FNL & 1132' FNL NE NW

BHL: 654' FNL & 2042' FNL NE NW

Sec: 29, Twp: 5N, Rge: 62W

Other Services

None

Elevation

K.B. 4659

G.L. 4659

Company Well

Field

County

State/Prov

Local

Permament Datum

Log Measured From

Drilling Measured From

Run Number

Depth Dmtr

Depth Logged

Tool Joint

Tool Joint

Casing Driller

Bit Size

Type Fluid in Hole

Density / Viscosity

pH / Fluid Loss

Source Sample

Run @ Mass Temp

Run @ Mass Temp

Source of Rmt Rmc

Rmt @ BHT

Time Circulation Stopped

Time Logger on Bottom

Maximum Recorded Temperature

Equipment Number

Recorded By

Revised By

Camrynium

Bradman

Comments

Annular volume calculated for 4.5" casing

Mid Continent Drilling Rig 1

Thank you for using Phoenix Surveys!!

API #: 05-123-33175-00

Database File: 11572.db

Dataset Pathname: final

Presentation Format: pdc1

Dataset Creation: Fri Apr 15 13:55:25 2011

Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16

30 Gamma Ray (GAPI) 130

60 SP (mV) 160

ABHV (ft3)

2 Deep Resistivity (Ohm-m) 200

2 Medium Resistivity (Ohm-m) 200

2 Shallow Resistivity (Ohm-m) 200

2 Rt (Ohm-m) 200

Density Porosity (pu) 0

Neutron Porosity (pu) 0

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