

PHOENIX SURVEYS, INC.

COMPENSATED DENSITY

COMPENSATED NEUTRON

HIGH RESOLUTION INDUCTION

Company

Bonanza Creek Energy, Inc.

Well

Antelope 19 I

Field

Wattenberg

County

Weld

State/Province

Colorado

Location

SHL: 1910 FSL & 682 FEL NE SE
BHL: 1250 FSL & 1273 FEL SE SE
Sec - 19, Twp - 5N, Rge - 62W

Other Services

None

Company

Well

Field

County

State/Prv

Permanent Datum

GL

Elevation

4667

Log Measured From

KB

Elevation

4667

Drilling Measured From

KB

Elevation

4667

Run Number

1

March 02, 2011

Depth Logger

6635

Tool Logged Interval

6635

Casing Logger

6635

Bit Size

7-7/8"

Type Fluid in Hole

Polymer Gel

Density / Viscosity

9.2 / 8.8

pH / Fluid Loss

Flowline

Source Sample

2.53 @ 7.3 F

Point @ Meas. Temp

3.52 @ 7.3 F

Source of Point

Missouri Calc

Time Logged on Bottom

1.05 @ 203 F

Maximum Recorded Temperature

203 F

Equipment Number

52

Recorded By

Brian Cunningham

Location

Brighton CO

Recorded By

Robin Brackman

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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
Mid Continent Rig 1
Thank you for using Phoenix Surveys!!
API #: 05-123-32710-0000

Database File:	11445.db
Dataset Pathname:	main
Presentation Format:	pdct
Dataset Creation:	Wed Mar 02 13:02:02 2011
Charted by:	Depth in Feet scaled 1:240

6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
20	SP (mV)	120	2	Shallow Resistivity (Ohm-m)	200			
	ABHV (ft3)		2	Rt (Ohm-m)	200			

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