

PHOENIX SURVEYS, INC.

COMPENSATED DENSITY  
COMPENSATED NEUTRON  
MICROLOG

Company

Barrett Resources Corporation

Well

Rothe 43-30

Field

Wattenberg

County

Weld

State/Province

Colorado

Location

1924 FSL & 655 FEL  
NESE  
Sec. 30, Twp. 5N, Rge. 63W

City

County

State/Priv

Log Measurement From

KB

Log Measurement To

KB

Elevation

4576

Drilling Date

October 28, 2007

Run Number

6755

Depth (m)

6731

Bottom (m)

6731

Top Log Interval

3240

Casing Logger

7-14

Bit Size

7-7/8"

Type Fluid in Hole

Chemical Gel

Fluid Density

8.0 lb/m<sup>3</sup>

Source of Sample

Flowline

Run @ Mass Temp

3.15 @ 60° F

Run @ Mass Temp

3.52 @ 60° F

Run @ Mass Temp

3.79 @ 60° F

Source of Run / Run

Measure / Calc

Run @ BHT

1.13 @ 204° F

Run @ BHT

1.23 @ 204° F

Time Logged on Bottom

07:45

Maximum Recorded Temperature

204° F

Equipment Number

52

Location

Brighton, CO

Recorded By

Mark Gill

Witnessed By

Jim Boyd

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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  
Patterson Drilling 189  
Thank you for using Phoenix Surveys!!  
API #: 05-123-32163-00

Database File:	12143.db
Dataset Pathname:	final
Presentation Format:	cdm1
Dataset Creation:	Fri Oct 28 08:23:15 2011
Charted by:	Depth in Feet scaled 1:240

6	Caliper (in)	16	Density Porosity (%) (pu)	-10
30	Gamma Ray (GAPI)	130	Neutron Porosity (%) (pu)	-10
FBHV (cu. ft.)	ABHV (cu. ft.)		-75 Microinverse (1") (Ohm-m)	75
(ft3)	(ft3)		-75 Micronormal (2") (Ohm-m)	75

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(ft3)	(ft3)		-75 Micronormal (2") (Ohm-m)	75

6	Caliper (in)	16	Density Porosity (pu)	-10
0	Gamma Ray (GAPI)	200	Neutron Porosity (pu)	-10
FBHV (cu. ft.)	ABHV (cu. ft.)		-75 Microinverse (1") (Ohm-m)	75
(ft3)	(ft3)		-75 Micronormal (2") (Ohm-m)	75