

Company Bonanza Creek Energy Inc.

Well Antelope 21-17

Field Wattenberg

County Weld State/Province Colorado

Location 700' FNL & 1980' FNL

Well Field County State/Prv NE NW

Sec - 17 Twp - 5N Rge - 62W

Permanant Datum CL Elevation 4090

Log Measured From KB

Drilling Measured From KB

Date April 22, 2011

Run Number 1

Depth Logger 6717

Depth Logger Interval 6692

Tool Joint Interval 433

Casing Driller 433

RT Size 7-7/8"

Type Fluid in Hole Chem Gel

pH Fluid Loss 9.2 / 55

Source of Sample Flowline

Time Curation Stopped 2115

Maximum Recorded Temperature 197 F

Equipment Number 52

Location Brighton CO

Recorded By Mitch Strain

Released By John Adams

Comments

Annular volume calculated for 4.5" casing

Fort Rig 5

Thank you for using Phoenix Surveys!!

API #: 05-123-33028-00

Database File: 11584.db

Dataset Pathname: pass3.4

Presentation Format: pdc1

Dataset Creation: Fri Apr 22 22:36:48 2011

Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16

30 Gamma Ray (GAPI) 130

50 SP (mV) 150

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

20 Density Porosity (pu) 0

20 Neutron Porosity (pu) 0

2.68 SS Matrix

3400

3450

3500

3550

3600

3650

3700

3750

3800

3850

3900

3950

4000

4050

4100

4150

4200

4250

4300

4350

4400

4450

4500

4550

4600

4650

4700

4750

4800

4850

4900

4950

5000

5050

5100

5150

5200

5250

5300

5350

5400

5450

5500

5550

5600

5650

5700

5750

5800

5850

5900

5950

6000

6050

6100

6150

6200

6250

6300

6350

6400

6450

6500

6550

6600

6650

6700

6750

6800

6850

6900

6950

7000

7050

7100

7150

7200

7250

7300

7350

7400

7450

7500

7550

7600

7650

7700

7750

7800

7850

7900

7950

8000

8050

8100

8150

8200

8250

8300

8350

8400

8450

8500

8550

8600

8650

8700

8750

8800

8850

8900

8950

9000

9050

9100

9150

9200

9250

9300

9350

9400

9450

9500

9550

9600

9650

9700

9750

9800

9850

9900

9950

10000

10050

10100

10150

10200

10250

10300

10350

10400

10450

10500

10550

10600

10650

10700

10750

10800

10850

10900

10950

11000

11050

11100

11150

11200

11250

11300

11350

11400

11450

11500

11550

11600

11650

11700

11750

11800

11850

11900

11950

12000

12050

12100

12150

12200

12250

12300

12350

12400

12450

12500

12550

12600

12650

12700

12750

12800

12850

12900

12950

13000

13050

13100

13150

13200

13250

13300

13350

13400

13450

13500

13550

13600

13650

13700

13750

13800

13850

13900

13950

14000

14050

14100

14150

14200

14250

14300

14350

14400

14450

14500

14550

14600

14650

14700

14750

14800

14850

14900

14950

15000

15050

15100

15150

15200

15250

15300

15350

15400

15450

15500

15550

15600

15650

15700

15750

15800

15850

15900

15950

16000

16050

16100

16150

16200

16250

16300

16350

16400

16450

16500

16550

16600

16650

16700

16750

16800

16850

16900

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