

|                               |                   |  |  |  |  |                                       |
|-------------------------------|-------------------|--|--|--|--|---------------------------------------|
| Company                       |                   |  |  |  |  | Bonanza Creek Energy Inc.             |
| Well                          |                   |  |  |  |  | Antelope 11-20                        |
| Field                         |                   |  |  |  |  | Wattenberg                            |
| County                        |                   |  |  |  |  | Weld                                  |
| State/Country                 |                   |  |  |  |  | Nevada / United States                |
| Location                      |                   |  |  |  |  | 612 FNL & 699 FVL                     |
| Sec - 20, Twp - 3N, Rge - 62W |                   |  |  |  |  | NNMW/<br>NNNW                         |
| Elevation                     |                   |  |  |  |  | 4652                                  |
| Other Services                |                   |  |  |  |  | None                                  |
| Payment Datum                 |                   |  |  |  |  | K 6.1 4662<br>D 1.7 4661<br>G.L. 4652 |
| Log Measured From             |                   |  |  |  |  |                                       |
| Drilling Measured From        |                   |  |  |  |  |                                       |
| Date                          | September 3, 2011 |  |  |  |  |                                       |
| Rin @ Juniper                 | 6706              |  |  |  |  |                                       |
| Rin @ Red Bluffs              | 6706              |  |  |  |  |                                       |
| Depth Logger                  | 6706              |  |  |  |  |                                       |
| Bottom Logged Interval        | 6706              |  |  |  |  |                                       |
| Top Log Interval              |                   |  |  |  |  |                                       |
| Casing Driver                 | 488               |  |  |  |  |                                       |
| Bit Size                      | 7-7/8"            |  |  |  |  |                                       |
| pH Fluid in Hole              | Polymer Gel       |  |  |  |  |                                       |
| Density / Viscosity           | 9.0 / 56          |  |  |  |  |                                       |
| Source of Sample              | Flowline          |  |  |  |  |                                       |
| Flowline Temperature          | 2.32 @ 56 F       |  |  |  |  |                                       |
| Rin @ Mass Temp               | 2.18 @ 56 F       |  |  |  |  |                                       |
| Rin @ Mass Temp               | 3.28 @ 56 F       |  |  |  |  |                                       |
| Source of Pore / Film         | Measure / Calc    |  |  |  |  |                                       |
| Rin @ BHT                     | 1103 @ 199 F      |  |  |  |  |                                       |
| Time Circulation Stopped      | 0600              |  |  |  |  |                                       |
| Time Circulation Started      | 0600              |  |  |  |  |                                       |
| Maximum Recorded Temperature  | 199 F             |  |  |  |  |                                       |
| Equipment Number              | 49                |  |  |  |  |                                       |
| Location                      | Brighton, CO      |  |  |  |  |                                       |
| Recorded By                   | Matt Gill         |  |  |  |  |                                       |
| Reviewed By                   | Gabe Hudson       |  |  |  |  |                                       |

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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 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 losses or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are subject to our general terms and conditions set out in our current Price Schedule.

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Comments

Annular volume calculated for 4.5" casing  
Midcontinent Rig 1  
Thank you for using Phoenix Surveys!!  
API #: 05-123-34023-00

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|                      |  |                            |  |
|----------------------|--|----------------------------|--|
| Database File:       |  | 11896.db                   |  |
| Dataset Pathname:    |  | final                      |  |
| Presentation Format: |  | pdc1                       |  |
| Dataset Creation:    |  | Fri Sep 02 16:24:25 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 |
| 50 | SP (mV)              | 150 | 2 | Shallow Resistivity (Ohm-m) | 200 |    |                       |   |
|    | ABHV (ft3)           |     | 2 | Rt (Ohm-m)                  | 200 |    |                       |   |

  
