

# HALLIBURTON

## Rockies, Grand Junction

## Lab Results-PE

### Job Information

|              |               |          |                        |      |             |
|--------------|---------------|----------|------------------------|------|-------------|
| Request ID   | 2005745       | Rig Name |                        | Date | 15/MAY/2014 |
| Submitted By | Nathan Barnum | Job Type | Fracturing/Stimulation | Well | Hunter Mesa |
| Customer     | Encana        | Location |                        |      |             |

### Well Information

|           |         |           |                       |
|-----------|---------|-----------|-----------------------|
| Formation | Unknown | Depth MD  | BHST                  |
| Pressure  |         | Depth TVD | Cool Down Temperature |

### Results For Request ID 2005745

#### Water Analysis

|                             |       |
|-----------------------------|-------|
| Tank Number/Source          | W221  |
| Specific Gravity            | 1.010 |
| pH                          | 7.54  |
| Chlorides (mg/L)            | 7074  |
| Calcium (mg/L)              | 590   |
| Magnesium (mg/L)            | 140   |
| Dissolved Iron (mg/L)       | 0.7   |
| Potassium (mg/L)            | 75    |
| Bicarbonates (mg/L)         | 1410  |
| Carbonates (mg/L)           | 0     |
| Hydroxides (mg/L)           | 0     |
| Sulfates (mg/L)             | 0     |
| Sodium (mg/L)               | 4124  |
| TDS (mg/L)                  | 13200 |
| Rw Resistivity (Ohms-Meter) | 0.520 |
| Temperature (°F)            | 71    |

This report is the property of Halliburton Energy Services and neither it nor any part thereof, nor a copy thereof, is to be published or disclosed without first securing the expressed written approval of Halliburton. It may however be used in the course of regular business operations by any person or concern receiving such report from Halliburton. This report is for information purposes only and the content is limited to the sample described. Halliburton makes no warranties, expressed or implied, as to the accuracy of the contents or results. Any user of this report agrees Halliburton shall not be liable for any loss or damage regardless of cause, including any act or omission of Halliburton, resulting from the use hereof.