## Daily Completion Report

### General Information
- **Report No.:** 19
- **Report For:** 06:00 AM October 12, 2012
- **Project Manager:** Michael Moore
- **Cost Incurred to Date:** $4,411,631.25
- **State:** OR
- **Vertical Depth (ft.):** 10,060
- **County:** Deschutes
- **Field:** Newberry
- **Planned Operations:**
  - Flush pumping system.
  - Install DTS.
  - Anchor pump skid.
  - Install 2” recirc line.
  - Go through start-up procedures.

### Operations Summary

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Elapsed</th>
<th>Code</th>
<th>Operations Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00</td>
<td>18:00</td>
<td>10.00</td>
<td>134.000</td>
<td>Install instrumentation and calibrate DTS</td>
</tr>
<tr>
<td>9:30</td>
<td>8:50</td>
<td>8.50</td>
<td>134.000</td>
<td>Continue programming data logging visualization.</td>
</tr>
<tr>
<td>10:00</td>
<td>16:00</td>
<td>6.00</td>
<td>134.000</td>
<td>Cascade pump continued to wire pumps and PLC.</td>
</tr>
<tr>
<td>8:00</td>
<td>14:00</td>
<td>6.00</td>
<td>134.000</td>
<td>Hudsen Mechanical helping to install 2” recirc line valves.</td>
</tr>
<tr>
<td>9:00</td>
<td>9:00</td>
<td>0.00</td>
<td>133.000</td>
<td>Prep DTS good for install. Spliced new fiber dual ended to</td>
</tr>
</tbody>
</table>

### Field Tickets
- **County:** Deschutes
- **Vertical Depth (ft.):** 10,060
- **Well Field:** Newberry
- **Field Tickets:**
  - **County:** Deschutes
  - **Vertical Depth (ft.):** 10,060

### Issued PO’s

<table>
<thead>
<tr>
<th>VENDOR</th>
<th>AMOUNT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global water</td>
<td>$1,445.00</td>
<td>Sonic water level meter</td>
</tr>
</tbody>
</table>

### Activity Comments

Almost completed the flow back line. The remaining work will be to thread on 2” recirc line. We plan to flush the piping system today to remove any debris, test Stim pumps and deploy DTS downhole.