Report No: 23

Report For 06:00 AM October 16, 2012

Well ID: 55-29
Field: Newberry

Cost Incurred to Date: $4,411,631.25
State: OR

Field Tickets: Cascade Pump, Bend Oil, Specialty Welding
County: Deschutes
Field: Newberry

Plug Back TVD:
Current Operations: Running DTS downhole, repairing RFR booster pump 1. Getting instrumentation and pump controls online.

Prior Operations: Pump and system check.


Well site Supervisors: Ted DeRocher Michael Moore
Tel No.: 775-830-7406 541-410-1795

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>9:00</td>
<td>1.00</td>
<td>134.00</td>
<td>Programming checks, instrumentation checks and pump and generator electrical checks. Re-wired WHP sensor. Working on stim pump RDT readings.</td>
</tr>
<tr>
<td>9:00</td>
<td>12:00</td>
<td>3.00</td>
<td>134.00</td>
<td>BMP onsite running DTS downhole. Noted both failed mechanical meter and weight indicator. Going in hole slowly at 50fpm and re-splicing signal to check depth as we deploy cable.</td>
</tr>
<tr>
<td>12:00</td>
<td>15:32</td>
<td>3.53</td>
<td>134.00</td>
<td>RFR mechanic onsite repairing booster pump 1. Tested pump by filling RFR tanks. Leak repaired and drained pipeline line. DTS reached 7091' according to temperature calibration. Hit soft spot and unable to run deeper. Only one sinker bar was installed, decision was made to run in with two more sinker bars tomorrow in order to set DTS at a deeper depth.</td>
</tr>
<tr>
<td>15:32</td>
<td>20:48</td>
<td>5.27</td>
<td>134.00</td>
<td>Running out of hole with DTS at 50 fpm. Checked signal with 2000' remaining in hole. DTS POOH by 20:48.</td>
</tr>
</tbody>
</table>

Issued PO's

<table>
<thead>
<tr>
<th>VENDOR</th>
<th>AMOUNT</th>
<th>DESCRIPTION</th>
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</thead>
</table>

Activity Comments
DTS had trouble passing ~7000 ft., possibly due to borehole breakouts. BMP crew will re-run the DTS again with three sinker bars attached. Reprogram Ultrasonic flow meter and all system should be ready for injectivity test/stimulation.