

# **Progress Report – February, March and April 2008**

## **Gas Over Bitumen Technical Solution**

### **Industry & Government Collaboration**

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#### **General Comments**

As directed by the Steering Committee on October 24, 2006, the Artificial Lift and Low Pressure SAGD sub committees continue to meet and make good progress in 5 priority areas; re-pressuring fluid injection types, down hole instrumentation, solvent/co-injection recovery, impact of non-condensable gas, and history matching of field data.

The steering committee decided to meet every 6 months, unless there is a need to meet earlier. Any steering committee member can propose a meeting when they deem a need to consider significant business and/or a need for decision making. The next meeting will be October 23, 2008. Reporting to the steering committee will continue on a three month basis.

#### **Artificial Lift**

##### **Down Hole Instrumentation**

A workshop to update operator's experience is planned for June 26, 2008. A vendor workshop is planned for September 18, 2008. These activities are in pursuit of a reliable and cost effective pressure measurement device capable of service at 270 C and higher.

#### **Lateral and Vertical Pressure Communication and Fluid Injection Technology**

AOSC has taken over the role as the JIP sponsor for Development of a Guideline for Choosing Injection Fluids for the purpose of Re-pressuring a Gas Over Bitumen Zone. The working group is considering a change of scope to include some physical testing. The revised scope will be brought back to the technical subcommittee at the May 15 meeting.

Presentations were made for the MEG Energy GRIPE and EnCana EnCAID projects.

#### **Low Pressure SAGD Performance**

##### **Solvent/co-injection Recovery Applications**

ConocoPhillips is the JIP sponsor with 14 participating organizations. Final literature search report was presented April 17, 2008. The technical component of this JIP is complete. There is potential for a further JIP based on the Phase 1 recommendations.

##### **Impact of non-condensable Gas**

Nexen is the JIP sponsor and has awarded the contract to THIMM. JIP contracts continue to be drafted with the current six participants. This is a three phase JIP to identify gaps in current knowledge regarding the impacts of NCG on the SAGD process. The study will focus on opportunities and strategies to maximize the benefits of naturally generated or injected NCG's during bitumen recovery by SAGD at lower pressures and in the presence of associated gas caps.

##### **History Matching of SAGD Field Data**

Project scope definition continues to progress.

#### **IETP Activities**

Nothing new to report.