

Progress Report – May, June, and July 2007
Gas Over Bitumen Technical Solution
Industry & Government Collaboration

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.

Artificial Lift

Down Hole Instrumentation

A task group is developing the scope for a vendor workshop to present current state of high temperature pressure measurement and what activities are required to advance the temperature application. This is in pursuit of a reliable and cost effective pressure measurement device capable of service at 270 C and higher.

Fluid Injection Technology

NAOSC is sponsoring a JIP for Development of a Guideline for Choosing Injection Fluids for the purpose of Re-pressuring a Gas Over Bitumen Zone. A contractor has been selected to conduct the work. The contract has not been awarded pending JIP participation.

A re-pressuring workshop was held May 17, 2007. EnCana presented its experiences at Christina Lake and EnCAID. Paramount was not able to present GRIPE. Interested parties may go to the AEUB website to obtain a copy of RMR presentations.

Paramount Energy presented its IETP application May 17, 2007 for technical committee recommendation to the steering committee for endorsement as a project which contributes to a technical solution to the gas over bitumen issue. The title of its project is “Experimental GOB Scheme Re-pressuring and Gas Storage over Bitumen”. Paramount Energy revised its IETP application to reflect the technical committee suggestions, was subsequently endorsed by both the technical sub committee and the steering committee, and is currently waiting on endorsement from the executive steering committee.

Low Pressure SAGD Performance

Solvent/co-injection Recovery Applications

ConocoPhillips is the JIP sponsor. To date; 2 parties have declined, 9 parties have agreed, and 4 parties still considering to participate. The project is now initiated having the contract awarded and executed, and initial payment made. First project meeting is planned for September.

Impact of non-condensable Gas

The scope of a potential JIP is being advanced.

History Matching of SAGD Field Data

The scope of a potential JIP is being advanced.