

**Gas Over Bitumen Technical Solution  
Industry & Government Collaboration**

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**Artificial Lift****Bench Scale Testing of Lift Systems**

C-FER has prepared a draft agreement that potential participants are considering. C-FER is also providing a cost estimate to include testing at high Vapor Liquid Ratio's and temperatures. The group agreed to test a twin screw pump, a gear pump if a different drive system is possible, an Electrical Submersible Pump, a Progressive Cavity Pump test only at low temperature, and a Hydraulic Gear Pump. The schedule expects completion of the test loop by end of 2003, test startup January 2004, and test completion by April 30, 2004.

**Low Pressure SAGD Wellbore Architecture**

The C-FER well bore architecture JIP has identified 2 potential options to advance to Phase 2. C-FER is preparing the draft scope and deliverable for consideration by the participants in November 2003.

**Fluid Injection Technology****Flue Gas Injection Project**

Nothing new to report.

**Lateral and Vertical Pressure Communication****Injection Projects**

The technical sub committee has agreed to defer the Giant Grossmount proposal. Although the proposal looks good from a technical perspective, some members feel the business model does not work.

As a result, the technical sub committee is advancing a flue gas re-injection pilot for the Surmont area, as it would demonstrate the same learning's that the Giant Grossmount proposal offered. Conoco and Paramount are advancing the details, including the location, candidate selection criteria, and gas recovery/displacement issues. Current plans include a draft EUB application by November 30, 2003, management approval by December 31, 2003, and file EUB application in Q1 2004. Once details are in place, the pilot will be proposed to others for participation.

**Shut-in Data Gathering and Interpretation****Interpretation**

Participants to date are; Petro-Canada, Paramount, ConocoPhillips, Devon, and ADOE/AERI. Nexen is not in. CNRL yet to make a commitment. Conoco and

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Paramount are carrying the costs up to \$20,000 until the contract and AFE are signed. The contract currently contemplates a 2 year confidentiality period. This would mean that the EUB would not be able to use the results in its decision making process during this period. Participants are reconsidering confidentiality.

**Low Pressure SAGD Performance****Field Testing**

The Deer Creek LP SAGD letter of intent is out for signatures. Plans are to have the letter of intent signed by November 15, 2003.

Conoco is advancing its LP SAGD/E-lift proposal. Technical details are substantially in place. A business workshop has been rescheduled for November 21, 2003, to advance the potential business terms.

**Draft “Road Map”**

A Draft “Road Map” has been prepared. The Draft Road Map is designed for use as a communication tool. It is also useful to ensure that decisions made are consistent with the mandate and goals of the Steering Committee. Company logo’s will be included by those who want it on the Draft Road Map, as recognition of contributions to preparing the document. Plans are to present this tool to the Executive Steering Committee at its next meeting.