Artificial Lift

Bench Scale Testing of Lift Systems
Bench scale testing agreements continue to be advanced. Vendor requests are out to suppliers. Flow loop construction and start up is expected in April 2004.

Facility Capital and Operating Cost Study
Petro-Canada, Suncor, and IMV continue to advance the evaluation of different lift scenarios against gas lift. Process flow diagrams have been prepared. First round of capital and operating costs are now being prepared.

Low Pressure SAGD Wellbore Architecture
Conoco, Petro-Canada, and Husky are the only participants at this time. The scope is being reviewed to see if it can be split into two projects that will allow the others to participate. Another alternative is to approach AERI for funding to allow the project to proceed with four participants.

Fluid Injection Technology
Christina Lake
Nothing new to report.

Flue Gas Injection
The project scope and simulations for two flue gas injection pilots at Surmont are essentially complete. Expect draft EUB application to partners and ADOE by March 1, 2004. Advancing the business model for the pilot. Project start-up is expected in Q2 2005.

Lateral and Vertical Pressure Communication
ETI project is progressing. The JV is not signed; expect signing in February 2004. Work is proceeding regardless of lack of agreement.

Low Pressure SAGD Performance
Deer Creek LP SAGD Field Testing
Petro-Canada, Conoco, Nexen, and AERI are participating. Husky continues to consider participating. Agreements continue to be advanced. Project start up is expected in April 2004.
Conoco LP SAGD E-Lift Field Testing Proposal

Pre-FEED is progressing and the Dovap agreement is being adapted for this project. Conoco is covering the cost of this work ($45,000).

Reservoir Lab Testing

Nothing new to report.

Executive Steering Committee

Nothing new to report.