

## **Artificial Lift**

### **Bench Scale Testing of Lift Systems**

ESP is now testing with oil at 120, 150, 180 degrees C. Expect test complete by mid to late January 2005.

Gear pump test to follow.

The twin screw pump may not be tested at C-FER. The JIP is investigating whether the vendor bench test system can duplicate the C-FER test criteria to compare directly to the tests at C-FER. Suncor may consider whether one of its twin screw pump pumps could be available for a C-FER test.

### **Low Pressure SAGD Wellbore Architecture**

Preliminary final report has been issued. CFER is now waiting on feedback. A final review meeting was held January 27, 2005.

### **Suncor Low Pressure Artificial Lift Proposal**

Suncor has received expression of interest from Petro-Canada, Total and ConocoPhillips.

Suncor has revised its proposal with a new cost for participation at \$300,000. Final arrangements will be worked out in January 2005. A meeting with potential participants was held January 18, 2005.

First pump will be installed in January 2005. Second pump installed after approximately one month of operating first pump.

## **Fluid Injection Technology**

### **Paramount GRIPE Pilot**

ConocoPhillips has instrumented one of its 3 piezo pressure monitoring wells.

### **EnCana Flue Gas Re-pressuring Pilot**

Air injection has started. Ignition should occur in January 2005.

## **Lateral and Vertical Pressure Communication**

### **Surmont Shut-in Data Analysis**

Nothing new to report.

## **Low Pressure SAGD Performance**

### **Deer Creek LP SAGD Field Testing**

Deer Creek plans on installing an ESP January 18, 2005. Next technical meeting planned for February 11, 2005.

### **ConocoPhillips LP SAGD E-Lift Field Testing Proposal**

The November 2004 study results are final. The group expects to present the study results at the September 2005 SPE workshop or joint SPE/CIM/CHOA November 2005 conference.

### **Reservoir Lab Testing**

MacKay bitumen sample is now saturated with methane and will now undergo viscosity testing. With the extra funding from new participants the scope may add the high temperature test. Cleaning of Christina Lake sample has been difficult.

## **Executive Steering Committee**

### **IETP**

EnCana Christina Lake Re-pressuring and EnCAID Methane Displacement projects were reviewed by the technical sub committee on January 13, 2005.

The February 2005 Steering Committee meeting will review and prioritize new GOB projects expected to file for IETP funding.