

Artificial Lift

Thermal Wellbore Simulator

Successful bidder is Petro Study at a cost of \$120,000. Kick off meeting planned for late April to finalize scope, deliverables, and schedule.

ConocoPhillips, Nexen, Paramount, Petro-Canada, and Total have committed to participate. Others are still considering participation.

Bench Scale Testing of Lift Systems

ConocoPhillips is planning a down hole field test of a gear pump later this year. ConocoPhillips will investigate level of data sharing with the sub committee.

The metal/metal PCP pump was delivered and the test commenced April 30, 2005. The JIP budget is expected to be exhausted after the PCP test.

Low Pressure SAGD Wellbore Architecture

Phase B participants are still considering whether to proceed with Phase C. Other participants are unlikely.

Suncor Low Pressure Artificial Lift Proposal

ConocoPhillips, Deer Creek, and Total have signed the agreement. EnCana, Nexen, and Petro-Canada are considering participation.

The first well pair has had the first pump pulled for inspection after shut down in March. The second pump has been installed and is now operating.

The second well pair will commence an 8 week warm up period prior to pump installation.

Fluid Injection Technology

Paramount GRIPE Pilot

Facility commissioning commenced with start up of compressor and coolers last week. Metallurgy on second stage was not corrosive service and is being corrected. Project management is re-auditing all material specifications and construction. Expect start of flue gas injection by April 30, 2005.

Piezometer wells are now gathering data.

EnCana Air Re-pressuring Pilot

11-16 air injection continues with out combustion. A static gradient was conducted to investigate any presence of low pressure oxidation. None appears to be occurring.

Section 15 project with combustion has received draft EUB approval and is waiting on OIC.

EnCAID project EUB application has not yet been submitted as EnCana is waiting on IETP funding approval.

Lateral and Vertical Pressure Communication

Surmont Shut-in Data Analysis

The ETI final report is in place. The project was under budget but very late. January 1, 2005 is start of 24 month confidentiality period.

Low Pressure SAGD Performance

Deer Creek LP SAGD Field Testing

The project has been dealing with plant upsets due to start up of MSAR field equipment.

The steam chamber is currently operating at 1400 kPa, producing 40 to 50 m³/d, and ISOR of 3.0.

The production well is currently operating at a sub cool of 20 degrees C at the heel in order to offset high vapor to liquid ratios and allow ESP to operate efficiently.

LP SAGD Field Testing Proposal

Work group met April 7, 2005 to advance the March 1 deliverables. Waiting on report to the technical sub committee.

Reservoir Lab Testing

Nexen has executed the agreement. As a result, the expanded scope of work will be pursued. A new agreement with the expanded scope is now being circulated to all participants.

Two additional temperatures, 70 and 125 C, will be run over the full pressure range. One additional measurement at 250 C and 4000 kPa will also be conducted.

Executive Steering Committee

IETP

Eleven applications have been endorsed by the GOB Executive Steering Committee and submitted for funding:

ConocoPhillips Surmont SAGD Pilot	EnCana EnCAID Methane Displacement
ConocoPhillips GRIPE Pressure Monitoring	Paramount Surmont ETI Pressure Analysis
ConocoPhillips Wellbore Architecture	Paramount GRIPE
Deer Creek Joslyn LP SAGD Pilot	Paramount Bitumen De-methanization
EnCana Bench Scale AL Test	Suncor Firebag LP SAGD AL Pilot
EnCana Christina Lake Re-Pressuring	

The Nexen Long Lake ES SAGD Pilot was endorsed by the GOB Executive Steering Committee, but was deferred to the October 31, 2005 filing date.

Three projects were filed under the in situ oil sands funding; Petro-Canada MacKay Section 16 pilot test, Petro-Canada MacKay heat recovery injector, and Paramount MSAR field test.