Progress Report – September 2006
Gas Over Bitumen Technical Solution
Industry & Government Collaboration

General Comments

Technical sub committees continue to advance work plans and activities. Progress continues to be slow due to limited resources.

Artificial Lift

Thermal Wellbore Simulator

Progress meeting with Petro Study was held August 17. A test model will be rolled out to JIP participants in October/November.

Bench Scale Testing of Lift Systems

The gear pump system is now on the bench test. The power pack has been tested with some problems being resolved. Next step is to start testing the downhole pump.

There are no commitments for testing another pump at this time.

C-FER has approved the release of reports to IETP. Reports may be available on the EUB website once IETP confidentiality period expires.

The supplier of the HGP system did not share its test information to the technical sub committee in September. The sub committee has scheduled this presentation in October.

Fluid Injection Technology

Paramount GRIPE Pilot

The project continues to have corrosion issues. Latest incident was an injection line leak. Suspected cause is loss of corrosion inhibition chemical injection due to plugging of injection system.

Flue gas injection and methane production is stable at 2 to 2.5 MMscf/d, when operations are on line.

Nitrogen has not been detected in the methane production.

EnCana Air Re-pressuring Pilots

Christina Lake Section 16 pressures are stabilizing.

Christina Lake Section 15 pressure is increasing.

EnCaid VRR is 1.03. Combustion is observed with temperature increases at the observation wells. Project update presentation will be made to the EUB, with a follow-up presentation to the GOB technical sub committee.

Low Pressure SAGD Performance

Total LP SAGD Field Testing

ESP intake pressure is approximately 530 kPa, temperature 142C. Pump SubCool 21C. Production rate remains significantly lower (165 m3/d) than before pump replacement in July. Injection pressure is approximately 1100 kPa.

Reservoir Lab Testing

MacKay sample is complete.

Christina Lake sample is saturated and undergoing testing.

Surmont is saturated and waiting on testing.

Potential Research Funding

15 organizations responded to a questionnaire to determine interest in a base program. 2 have not responded.

13 organizations are likely to participate in a base research program if annual costs are $50M to $100M per participant per year. 2 organizations will not participate in a base program at this level.

5 organizations may participate in a base research program if annual costs are $100M to $200M per participant per year. 10 organizations will not participate in a base program at this level.

12 organizations responded to the need for confidentiality. 6 wish to have confidentiality and 6 do not.

Conclusion: There is sufficient interest to advance a base research program with some confidentiality provisions.