



June 23, 2010

1950-4060-32640-02

George Sperling
Production Manager North
ConocoPhillips Canada
P.O. Box 130, Station M
Calgary AB T2P 2H7

Dear Mr. Sperling:

**RE: TEMPORARY NATURAL GAS INJECTION APPROVAL, AMENDMENT #1
SECTION 100, PETROLEUM AND NATURAL GAS ACT
COPL PENN WEST BOULDER a-61-K/93-O-8; WA# 6683
COPL HZ BOULDER c-39-J/93-O-8; WA# 8577**

Approval for temporary injection of sour natural gas into the well COPL Penn West Boulder a-61-K/93-O-8 (WA# 6683) was granted May 31, 2010. A request to include a second well/pool, COPL HZ Boulder c-39-J/93-O-8 (WA# 8577) was received via email on June 23, 2010. This change was prompted by the unexpected inability of the initial compressor to capture the available gas in the time available, prior to the requirement to de-pressurize pipelines for plant maintenance.

The injected gas stream will originate from the Pine River Gas Plant gathering system. This plant is scheduled for a 23 day maintenance shut-down; line pack gas would normally be flared. It is estimated that 72 mmscf of gas will be conserved, over a 2 day injection period.

The temporary injection wells are both active gas producers. The injected gas volume is minimal in comparison to total reserves in each the Boulder field Pardonet-Baldonnel "A" and Pardonet-Baldonnel "B" single well pools.

Attached is Approval 10-09-001, Amendment #1, for the application, granted under Section 100(1c) of the Petroleum and Natural Gas Act. As stated in the Approval, other conditions may be imposed by the responsible parties outside of this office.

The injected gas volume, normally a loss to conservation, is exempt from injection metering, and is expected to be produced in due course as production volumes from the subject wells.

Use of a secondary injection well to make this innovation a success under the unexpected circumstances is a commendable action by ConocoPhillips Canada

Should you have any questions, please contact the undersigned at (250) 419-4421 or Ron Stefik at (250) 419-4430.

Sincerely,

FOR
Richard Slocomb, P. Eng.
Supervisor, Reservoir Engineering
Resource Conservation

Attachment

cc: Mandy Nelson, OGC
Doug Stangeland, Ministry of Finance

APPROVAL 10-09-001 (Amendment #1)

**THE PROVINCE OF BRITISH COLUMBIA
PETROLEUM AND NATURAL GAS ACT
OIL AND GAS COMMISSION**

IN THE MATTER of a scheme by ConocoPhillips Canada (ConocoPhillips) for the temporary holding of natural gas from the Pine River Gas Plant gathering system by injection and re-production through wells completed in the Boulder field, Pardonet-Baldonnel "A" and Pardonet-Baldonnel "B" single well pools.

NOW THEREFORE, the Commission, pursuant to Section 100 of the Petroleum and Natural Gas Act, R.S.B.C. 1996, c.361 orders as follows:

The scheme of ConocoPhillips by injection and production through wells as described in the applications dated May 11, 2010 and June 23, 2010 is hereby approved, subject to the following terms:

1. Natural gas may be injected and re-produced through the wells COPL Penn West Boulder a-61-K/93-O-8 (WA# 6683) and COPL HZ Boulder c-39-J/93-O-8 (WA# 8577).
2. Metering of the injected gas is not required.
3. The gas injection period shall not exceed 3 days, within the month of June 2010.
4. The injection pressure at the bottom-hole must not exceed the formation fracture pressure.
5. This scheme approval may be subject to review and modification, if deemed appropriate.
6. This operation is subject to any other related approvals that may be issued by the Oil and Gas Commission or the Ministry of Finance.

For 

Richard Slocomb
Supervisor, Reservoir Engineering
Resource Conservation

DATED AT the City of Victoria, in the Province of British Columbia, this *23rd* day of June 2010.