

## CNLOPB

The proposal to proceed with using the Hibernia Platform is a great and forward thinking use of existing facilities.

The existing field will and has decreased in production and connecting the remote Hibernia south field certainly will prolong the use of these costly facilities.

Couple things to bear in mind:

- Converting the platform to accept the new production will require a very complex and detailed integration into the various safety systems and production lines.
- There are many systems and piping on Hibernia which will require careful inspection and prolonged production outages to allow safe tie-ins. Remember Hibernia is aging every day and with age comes surprises.
- Avoid any single train or non-spared production systems. In many cases, stopping production creates more panic or issues than a 50% reduction in production.
- I'm certain the Lesson Learned in the Gulf will be applied to the subsea systems and their designs. Continue to ask and pursue "IF" there was an incident on Hibernia or from the South field can the system be controlled or stopped remotely. Getting the personnel to safety is key, but the Rig also needs to have safe guards to both monitor and stop production independently.
- I'm not certain related to the present control systems but I know Hibernia has the ability to monitor process parameters remotely, but is there provisions to Operate Remotely from a safe environment without the normal panic during any offshore incident – This remote control should be done on a 24/hrs bases and not just during the office hours. Trans Canada and many other operator operate remotely and gain the global view, with local plants STILL making final normal decisions. This is also a great way to train new panel operators without increasing persons offshore. This could even be done with handy capped personnel.

The only downside I can see is with a New Southern fields available, the older fields will take a backseat. The focus will be on obtaining Max production, Safeguards need to be in place to insure all fields are produced to the last drop, even though the water production and costs will be greater.

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