

ALBERTA ENERGY AND UTILITIES BOARD

COLD LAKE OIL SANDS AREA – CLEARWATER DEPOSIT

Husky Oil Operation Limited's Response to EnCana's Information Requests
Application Nos. 1394112 and 1409180:

- 1) a) HSAGD has not been tested in the field.
- b) Husky is currently conducting simulation studies, with the intent of submitting a formal pilot project application to the Board by the end of 2006.
- c) The HSAGD design has not been finalized and is under study at this time. Also see our response to Board Staff Information Requests.

- 1) a) See our response to Board Staff Information Requests
- b) The estimate recoverable bitumen is not available at this time as a complete suite of reservoir simulation studies is not available. However our objective is to achieve a recovery factor as close as possible to an equivalent SAGD recovery factor in the areas of the proposed project. The objective of the first phase of the project will be to fully evaluate the potential of the recovery process.

- 3) a), b) and c) See our response to Board Staff Information Requests
- 4) See our response to Board Staff Information Requests
- 5) See our response to Board Staff Information Requests

- 6) There are no field tests, laboratory data or model studies. In order to have the least risk and best chance of success with maximum operational flexibility in implementing this process, Husky believes that the reservoir pressure must not be depleted any more than it already has. If HSAGD is not successful, then Husky may convert the operation to CSS process which has been implemented in CNRL's Primrose reservoir located immediately south of our planned development area. CNRL's evidence clearly indicates the potential adverse effects of lower pressures on CSS operations in the Clearwater formation of the subject area. Furthermore, the potential adverse effects of depleted pressures on SAGD processes has been previously recognized.