Directive 008, Checklist 1
Deep Surface Casing – No Application Required

The following checklist must be available at the well site. Supporting documentation confirming that the requirements have been met must be available for auditing purposes. An attached list showing multiple wells must contain the licence numbers, surface locations, and surface casing depths of the wells. Requirements must be met for each well. (Answers in bold indicate requirements.)

Name of licensee:	BA code:
Contact name:	Title:
Phone number:	E-mail address:

Well Licence No.:
Surface location of well:
Licensed surface casing depth: mKB

1. Will conductor pipe be set in accordance with Section 5? ..... ☐ **Yes** ☐ No
2. Will a gas detection device be installed during the drilling of the surface hole? ..... ☐ **Yes** ☐ No
3. Will a Class I BOP system (as defined in *Directive 036*) be installed? ..... ☐ **Yes** ☐ No
4. Will the surface casing be set a minimum 50 m above the shallowest hydrocarbon zone? ..... ☐ **Yes** ☐ No
5. Is the field kick rate 0% to the surface casing depth? ..... ☐ **Yes** ☐ No
6. Have the requirements in the Surface Casing Depth Calculation form been met? ..... ☐ **Yes** ☐ No
7. For offsetting wells within a 5 km radius from the surface location of the proposed well, evaluate from the surface down to the surface casing depth:
   a) Are there any blowouts (including water flows)? ..... ☐ Yes ☐ **No**
   b) Are there any severe lost circulation incidents? ..... ☐ Yes ☐ **No**
   c) Are there any enhanced recovery schemes (conventional or thermal) in the area? ..... ☐ Yes ☐ **No**
8. Are there water wells within a 200 m radius from the surface location of the proposed well? ☐ Yes ☐ **No**

Certification
I hereby certify that the information given is correct, that it has been provided by personnel taking responsibility for these commitments, and that the requirements set out in Section 2.4 of *Directive 008* have been met.

Print name:	Title:
Signature:	Date:

Directive 008, Checklist 2
Surface Casing Exemption

The following checklist must be available at the well site. Supporting documentation confirming that the requirements have been met must be available for auditing purposes. An attached list showing multiple wells must contain the licence numbers, surface locations, and terminating depths of the wells. Requirements must be met for each well. (Answers in bold indicate requirements.)

Name of licensee:	BA code:
Contact name:	Title:
Phone number:	E-mail address:

Well Licence No.:
Surface location of well:

1. The well will terminate at m TVD (The terminating depth of the well must be less than 1000 m TVD.)
2. Will conductor pipe be set in accordance with Section 5? ..... ☐ **Yes** ☐ No
3. Will a Class I BOP system (as defined in *Directive 036*) be installed? ..... ☐ **Yes** ☐ No
4. Will the diverter line terminate in a flare tank? ..... ☐ **Yes** ☐ No
   (Flare tanks must meet the requirements of *Directive 036*)
5. Will the well be drilled in an established area? ..... ☐ **Yes** ☐ No
6. Is the well located a minimum of 300 m away from existing SAGD well, or 1000 m away from an existing CSS well or a non-thermal enhanced recovery scheme well? (These distances are closest bottomhole location to closest bottomhole location.) ..... ☐ **Yes** ☐ No
7. For offsetting wells within a 3 km radius from the surface location of the proposed well:
   a) Is the kick rate 0%? ..... ☐ **Yes** ☐ No
   b) Are there any blowouts (including water flows)? ..... ☐ Yes ☐ **No**
   c) Are there any severe lost circulation incidents? ..... ☐ Yes ☐ **No**
   d) Is the estimated unstimulated absolute open flow potential ≤113 10^3 m^3/day? ..... ☐ **Yes** ☐ No
   e) Does the maximum pressure gradient of any formation exceed 10 kPa/m? ..... ☐ Yes ☐ **No**
   f) Is there H_2S present while drilling? ..... ☐ Yes ☐ **No**
8. Are there water wells within a 200 m radius from the surface location of the proposed well? ..... ☐ Yes ☐ **No**

Certification
I hereby certify that the information given is correct, that it has been provided by personnel taking responsibility for these commitments, and that the requirements set out in Section 3 of *Directive 008* have been met.

Print name:	Title:
Signature:	Date:

Directive 008, Checklist 3
Surface Casing Set, Class I BOP Installed

The following checklist must be available at the well site. Supporting documentation confirming that the requirements have been met must be available for auditing purposes. An attached list showing multiple wells must contain the licence numbers, surface locations, surface casing depths, and terminating depths of the wells. Requirements must be met for each well. (Answers in bold indicate requirements.)

Name of licensee:	BA code:
Contact name:	Title:
Phone number:	E-mail address:

Well Licence No.:
Surface location of well:
Licensed surface casing depth: mKB

1. The well will terminate at m TVD (The terminating depth of the well must be less than 1000 m TVD.)
2. Will surface casing be set in accordance with the well licence and will it meet the requirements of *Directive 010*? ..... ☐ **Yes** ☐ No
3. Will the diverter line terminate in a flare tank? ..... ☐ **Yes** ☐ No
   (Flare tanks must meet the requirements of *Directive 036*)
4. Will the well be drilled in an established area? ..... ☐ **Yes** ☐ No
5. Is the well located a minimum of 300 m away from existing SAGD well, or 1000 m away from an existing CSS well or a non-thermal enhanced recovery scheme well? (These distances are closest bottomhole location to closest bottomhole location.) ..... ☐ **Yes** ☐ No
6. For offsetting wells within a 3 km radius from the surface location of the proposed well:
   a) Is the kick rate 0%? ..... ☐ **Yes** ☐ No
   b) Are there any blowouts (including water flows)? ..... ☐ Yes ☐ **No**
   c) Are there any severe lost circulation incidents? ..... ☐ Yes ☐ **No**
   d) Is the estimated unstimulated absolute open flow potential ≤113 10^3 m^3/day?..... ☐ **Yes** ☐ No
   e) Does the maximum pressure gradient of any formation exceed 10 kPa/m?..... ☐ Yes ☐ **No**
   f) Is there H_2S present while drilling?..... ☐ Yes ☐ **No**
7. Will surface casing be set 25 m deeper than any water wells within a 200 m radius from the surface location of the proposed well?..... ☐ **Yes** ☐ No

Certification
I hereby certify that the information given is correct, that it has been provided by personnel taking responsibility for these commitments, and that the requirements set out in Section 4 of *Directive 008* have been met.

Print name:	Title:
Signature:	Date: