## Directive 056: Schedule 4
### Well Licence Application

If you check a **BOLD** response, you must attach supporting information.

Submission date: ____________  AER application number: ____________  Applicant’s reference: ____________

### 1. Identification

<table>
<thead>
<tr>
<th>Applicant name:</th>
<th>Applicant BA code:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose of Application:</td>
<td>New  Re-entry/Resumption  Deepening  Licence Amendment</td>
</tr>
</tbody>
</table>

### 2. Participant Involvement Requirements

1. Personal consultation, confirmation of nonobjection, and notification requirements have been met.
   - Public  Yes  No
   - Industry  Yes  No

2. There are outstanding objections or concerns related to this application.
   - Yes  No

3a. Distance to nearest surface development (km): ________  3b. Distance to nearest residence (km): ________

### 3. Emergency Response Planning

1. The applicant will meet AER requirements for emergency response planning.
   - Yes

### 4. Licence Amendment Only

Check all that apply:
- Surface location
- Ground elevation
- Mineral rights
- Surface coordinates
- Total depth
- Surface rights
- Bottomhole location
- Terminating formation
- Schedule 4.3

Change of purpose:
- Regulation section
- Well type
- Original licence number: __________________________

### 5. Well Purpose

<table>
<thead>
<tr>
<th>Category type:</th>
<th>OGCR section:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.020  2.030  2.040</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Well type</th>
<th>Substance name</th>
<th>Formation code</th>
<th>Formation name</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

1. The proposed well is part of an experimental, primary or commercial crude bitumen scheme
   - Yes  No

If YES, provide scheme approval number: ____________  Expiry date: ____________ (experimental schemes only)

### 6. Re-entry, Resumption, or Deepening of a Well

Original licence number: __________________________

1. The applicant is the licensee of the well
   - Yes  No

2. The well is currently abandoned
   - Yes  No

3. The applicant has the rights to the existing wellbore
   - Yes  No

4. Casing will meet the minimum casing testing requirements
   - Yes  No
### 7. Well Detail

If you are filing a multiwell pad application, attach a completed Schedule 4.2.

<table>
<thead>
<tr>
<th>Bottomhole Location</th>
<th>Type of Drilling Operation</th>
<th>Surface Location</th>
<th>Surface Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>N/S Distance</td>
</tr>
</tbody>
</table>

#### Well Name:

<table>
<thead>
<tr>
<th>Surface Casing Depth (m)</th>
<th>Projected Total Depth (m)</th>
<th>True Vertical Depth (m)</th>
<th>Ground Elevation (m)</th>
<th>Mineral Rights</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Terminating Code</th>
<th>Terminating Formation Name</th>
<th>Surface Latitude (NAD 83)</th>
<th>Surface Longitude (NAD 83)</th>
</tr>
</thead>
</table>

1. Surface casing meets the requirements of Directive 008
   - Yes
   - No
   - N/A

2. A directional survey will be run if the well deviates from vertical
   - Yes
   - No

### 8. Well Classification

<table>
<thead>
<tr>
<th>AER Classification</th>
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<table>
<thead>
<tr>
<th>Confidential Status</th>
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</thead>
</table>

1. Drill cutting samples are required to be taken
   - Yes
   - No

1a. If YES, drill cutting samples will be collected and submitted as required
   - Yes
   - No

1b. If required to be collected and submitted, drill cutting samples will be provided as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>From Formation Name/Casing</th>
<th>Depth (m)</th>
<th>Code</th>
<th>To Formation Name/Casing</th>
<th>Depth (m)</th>
</tr>
</thead>
</table>

### 9. Mineral Rights

1. The applicant has the rights for all intended purposes of the proposed well
   - Yes
   - No

2. The applicant has the rights to a complete drilling spacing unit
   - Yes
   - No

### 10. Surface Rights

1. The surface owner is
   - Alberta Crown
   - Freehold

### 11. Surface Impact

1. The AER water body setback requirements have been met
   - Yes
   - No

1a. All other AER setback requirements have been met
   - Yes
   - No

2. The proposed well site and/or access road will meet the AER environmental requirements
   - Yes
   - No

3. The proposed well site requires Historical Resources Act clearance (Freehold land only)
   - Yes
   - No

3a. If YES, clearance has been granted for the well site (Freehold land only)
   - Yes
   - No
### 12. Working Interest Participants

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>1. The licensee is the only working participant. (If NO, attach a completed Schedule 4.1)</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### 13. Operational Disclosure

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<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Underbalanced drilling operations will be conducted</td>
<td>Yes</td>
</tr>
<tr>
<td>2. The well will encounter reservoirs that will be subject to enhanced recovery or acid gas injection schemes, or CO₂ greater than 1 per cent in the producing formation</td>
<td>Yes</td>
</tr>
</tbody>
</table>