

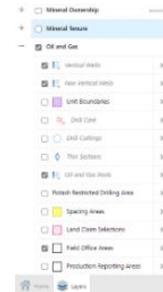
How to determine if a well is off-target

The following key questions need to be answered when determining the drainage unit size and target area for a proposed location:

1) What is the planned producing zone/formation/horizon?

2) Is the proposed well within a designated pool?

- Open up the [GeoAtlas](#) on the Ministry website.
- Click  *Zoom In icon* (top left menu) and draw a box around the area of the proposed well.
- On the Layer menu (bottom right-hand side), click on the box for Oil and Gas, then click on Pools and other boxes for the layers you want on the map.
- Click  *Identify icon* (top left menu) and move the cursor over to the proposed well location, then left mouse click.
- Check the left-hand section of the screen, if there is a pool where you have clicked, the pool name and code will be displayed, otherwise, "no features found" will be displayed if there are no pools in that location. Other information will also show based on the layer selection.
- If the proposed well is within a designated pool, go to the [Minister's Orders for Oil and Gas Pools](#) and select the corresponding pool name to determine the spacing and target area for all land included inside the pool. Be sure to verify that the Pool Order applies to the formation and type (oil or gas or both) of the well being proposed.



Caution: Pool Orders which have "Mannville Sands" within the title at the top of the Pool Order apply only to the individual Mannville Sands listed within the same title. The "Mannville Sands" is just a tool for reporting commingled production that includes the individual Sands also listed in the title of the Pool Order. For example, the Epping pool, which lists the GP, Sparky, and Mannville Sands in the title, applies only to the GP and Sparky. It does not apply to the Waseca or any of the other Mannville Sands.

3) If the proposed well is not within a designated pool, is the proposed well within a Spacing Area?

Check the [Map of Well Spacing Areas](#) to see if the proposed well is within any of the spacing areas. If it is within a Spacing Area, refer to the appropriate [Minister's Orders - Spacing Areas](#) to find the spacing and target area requirements. Be sure to verify that the Spacing Area applies to the formation and type (oil or gas) of well being proposed.

4) If the proposed well is not within a Pool or a Spacing Area, the following regulatory provisions apply:

- **Oil well** (subsections 31(2) and 33(1) of [The Oil and Gas Conservation Regulations, 2012](#))
 - drainage unit is one legal subdivision (16 ha)
 - target area is within the drainage unit and has sides 100 m from and parallel to the corresponding sides of the drainage unit
- **Gas well** (subsections 31(3) and 33(2) of [The Oil and Gas Conservation Regulations, 2012](#))
 - drainage unit is one Section (259 ha) and
 - target area is within the drainage unit and has sides 200 m from and parallel to the corresponding sides of the drainage unit.

Please note, that the **prescribed target areas only pertain to vertical and directional oil and gas wells**. Horizontal wells are based on setback requirements.