



## Example: Low-Risk Scenario

What's on the landscape?

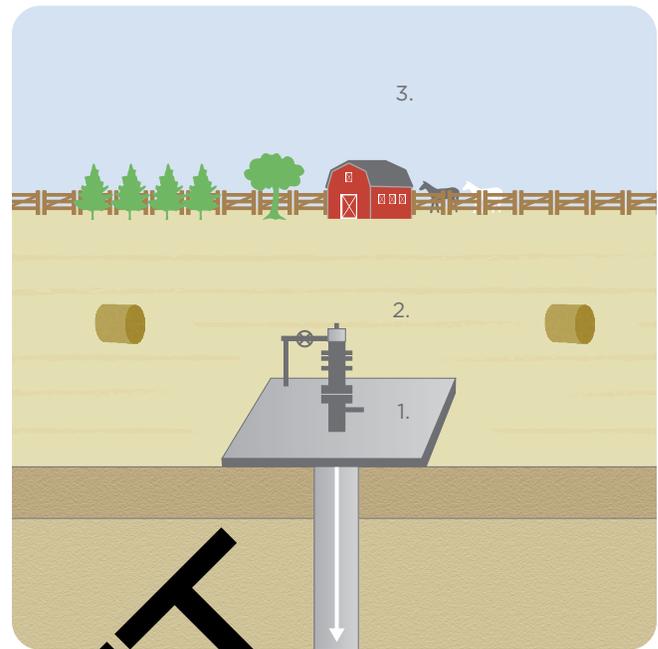
1. The landscape includes a well that produces shallow, sweet gas.
2. The well is located in southern Alberta on flat, private grazing land and the landowner has consented to the activity.
3. No sensitive species are nearby.

What makes this a low-risk scenario?

- Existing requirements in acts, regulations, rules, and directives are working to manage any potential risks.

Because it's considered low-risk...

- No additional review of the application and, unless things change, standard AER inspections and audits will be required over the life cycle.
- The decision to approve the well is automated.



## Example: High-Risk Scenario

What's on the landscape?

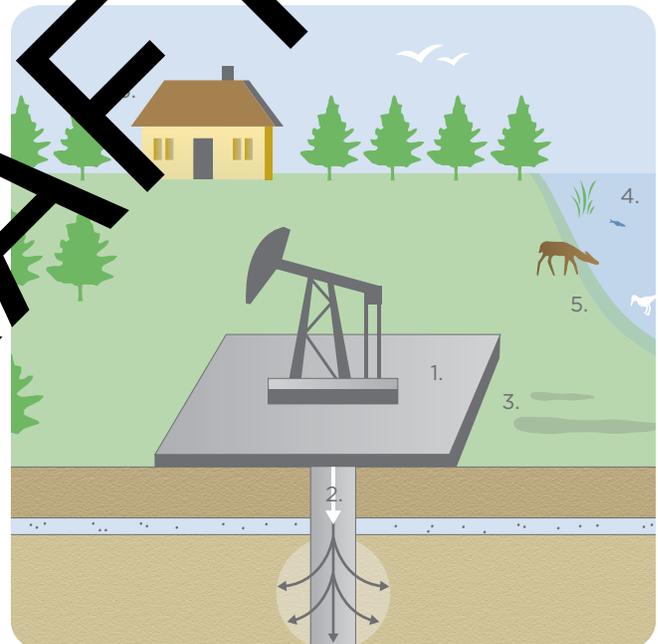
1. The landscape includes a well that uses thermal technology to produce heavy oil.
2. Steam injection and production occurs from a single wellbore.
3. The well has a history of production related issues.
4. The well is in close proximity to a fresh water well being used by people.
5. The well is close to a sensitive species or habitat.
6. The well is close to a First Nations reserve or traditional land-use area.

What makes this a high-risk scenario?

- Existing acts, regulations, rules, and directives may not sufficiently manage potential risks.
- Indigenous rights issues and federal regulations could come into play.
- Other authorities, such as Alberta Health or Alberta Environment and Parks, could become involved.

Because it's considered high-risk...

- We carry out additional review and surveillance such as inspections and audits to ensure operators are managing the risks over the life cycle.
- Additional requirements and conditions may be added to the approval—such as monitoring of surface water and groundwater.
- Enhanced, ongoing stakeholder engagement may be required.



DRAFT

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