

Directive 065: Temporary Injection Application should contain the following:

Requirement for Application

✓ **Mineral Rights Ownership**

- Evidence of your right to inject into the proposed zone.
- Confirm on any equity concerns.

Geological Interpretation of Reservoir

- ✓ Net pay of the reservoir, including the reservoir pressure, if applicable.
- ✓ Estimate of the oil and gas volumes in the reservoir, if applicable.
- ✓ Cumulative production from the reservoir.

Discussion & Justification to Support Injectivity Test

- ✓ Objectives
 - A brief why the temporary injectivity test is required.
 - Discuss if the proposed test injection (volume and rates) would be detrimental to ultimate oil recovery.
 - Discuss if the proposed injection could impact wells not operated by the applicant if applicable.
- ✓ Geological Interpretation of Injection Formation (Reservoir)
 - Net pay of the reservoir, including the reservoir pressure, if applicable.
 - Estimate of the oil and gas volumes in the reservoir, if applicable.
 - Cumulative production from the reservoir, if applicable.

Injection Well(s)

- ✓ Unique well identifier of the injection wells, and general drilling, completion and activity history.
- ✓ Proposed injection intervals.

Injection Plan

- ✓ The type of injection fluid will be used in the injectivity test.
- ✓ Length of the injection test, a maximum daily injection rate and a maximum injection volume.
- ✓ A maximum injection pressure, if applicable.
- ✓ D-051 data/logs if required (Total injection volume significantly exceeds 500 m³ and/or test duration exceeds 14 days). To be determined on a case by case scenario.

Directive 051 application for temporary injection test, if required, should contain the followings:

The applicant should specify in the application whether the proposed injection wells are in compliance with *Directive 051* requirements. If they are not, provide a discussion of the plans to

bring the wells into compliance with *Directive 051* or indicate that a waiver is requested or has been approved.

Hydraulic Isolation

- The *Directive 051* application should include the recent completion logging, testing requirements, and associated discussion for the proposed injection well.