

August 22, 2017

2800-7400-32640-02

Darren Evans
Storm Resources Ltd.
PO Box 1420, Station M
Calgary, Alberta T2P 2L6

Dear Mr. Evans,

RE: EXTENDED INJECTIVITY TEST
SRL W BUICK a-92-L/94-A-14; WA# 21764
BUICK CREEK WEST FIELD – DEBOLT FORMATION

Commission staff have reviewed the email from Storm Resources Ltd. dated August 11th, 2017 requesting an extended injectivity test of 500 m³ into the Debolt formation of the subject well. Subsequent emails with additional wellbore testing information have also been reviewed.

The subject well was drilled and abandoned in 2006/2007. In March 2017, Storm Resources re-entered the well and completed the Debolt formation for disposal purpose. An initial reservoir pressure was taken, and a 500 m³ injection test was conducted. An extended injectivity test of an additional 500 m³ is required to determine the areal extent of the Debolt pool. A second pressure test following this injection test is planned, so see how much the pressure has increased. Storm provided additional casing integrity and hydraulic isolation testing information which provide assurance that the wellbore is suitable for an extended injectivity test.

Attached please find **Order 17-02-012**, designating an area in the Buick Creek West field, Debolt formation, as a Special Project under section 75 of the Oil and Gas Activities Act, for the temporary operation and use of a storage reservoir for the injection of fresh or produced water. This authorization does not warrant that a future disposal approval will be issued.

Additional general information regarding disposal wells is available on the Commission's website at <http://www.bcogc.ca/industry-zone/documentation/Subsurface-Disposal>.

Should you have any questions, please contact Michelle Harding at (250) 419-4493 or Ron Stefik at (250) 419-4430.

Sincerely,



Ron Stefik, Eng. L.
Supervisor, Reservoir Engineering
Oil and Gas Commission

Attachment



IN THE MATTER of the email from Storm Resources Ltd. to the Oil and Gas Commission (Commission), dated August 11th, 2017, requesting an extended injectivity test:

ORDER 17-02-012

1 Under Section 75(1)(d) of the *Oil and Gas Activities Act*, the Commission designates the temporary operation and use of a storage reservoir for the injection of fresh water or produced water, including flowback from fracturing operations, in the Buick Creek West field – Debolt formation as a special project in the following area:

NTS 94-A-14 Block L Unit 92

2 Under section 75(2) of the *Oil and Gas Activities Act*, the special project designation in this Order is subject to the following conditions. The Permit Holder shall:

- a) Inject water into the well SRL W Buick a-92-L/94-A-14; WA# 21764 Debolt formation, perforations 1778.0 – 1802.0 mKB
- b) If the fluid injected is not fresh water, inject only through tubing with a packer set as near as is practical above the injection interval.
- c) The total volume of injected water must not exceed 500 m³.

A handwritten signature in black ink, appearing to read 'R Stefik', written over a horizontal line.

Ron Stefik, Eng. L.
Supervisor, Reservoir Engineering
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 22nd day of August, 2017.