

January 24, 2022

2810-7400-32640-02

Brian Blakeley, C.E.T.
Production Technologist
PETRONAS Energy Canada Ltd.
1600, 215-2nd St SW
Calgary, AB T2P 1M4

Dear Mr. Blakeley,

**RE: PRODUCED WATER SPECIAL PROJECT APPROVAL; AMENDMENT #1
EXTENSION TO LOGGING AND TESTING REQUIREMENTS
PETRONAS LILY a-A32-K/94-G-2; WA# 23212
LILY LAKE FIELD – DEBOLT ‘A’ POOL**

The subject well was drilled and completed in the Debolt ‘A’ pool as a gas production well in Q4 of 2007. The well produced from 2008 to 2011 and was later converted to a disposal well, with approval granted for disposal in 2013 and disposal operations beginning in 2014. In 2016, the existing perfs were cleaned and a new set of perfs were added, requiring an amendment to the approval. The disposal well was used regularly until late 2019, after which the well has only been used to dispose of extremely small volumes.

The well is currently overdue for a reservoir pressure test and hydraulic isolation logging, required by the approval Order 13-02-002 Amendment #1. Due to the limited use of the well, the risks of exceeding the maximum reservoir storage pressure or injecting fluid out of zone are very low, thus justifying an extension.

The Commission hereby grants an extension to the logging and reservoir pressure testing requirements, subject to the following conditions:

- a) A casing inspection log must be completed on the subject well prior to December 31st, 2024.
- b) A hydraulic isolation log must be completed on the subject well and a reservoir pressure test must be conducted on the formation in the subject well, with a shut-in period of sufficient length to provide data for calculation of the reservoir pressure on the subject well
 - i. 90 days after the cumulative injected volume, starting from the date of this letter, exceeds 1000m³, or
 - ii. by December 31st, 2024,whichever occurs first.

The reservoir pressure test and logging reports must be submitted to the Commission within 60 days and 30 days of completion, respectively.

Should you have any questions, please contact Logan Gray at (250) 419-4465 or Ron Stefik at (250) 419-4430.

Sincerely,



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