

December 20, 2018

5860-4545-32640-60

Carmen Vinnell
Operations Technician
Venturion Oil Limited
1600, 500 – 4th Avenue SW
Calgary, Alberta, T2P 2V6

Dear Ms. Vinnell:

**RE: OBSERVATION WELL STATUS APPROVAL
VENTURION MICA 3-5-82-14, WA 5442
MICA FIELD - MICA A POOL**

BC Oil and Gas Commission (Commission) staff have reviewed the December 12, 2018 application from Venturion Oil Limited seeking approval of observation well status for Venturion Mica 3-5-82-14 (WA 5442).

The Drilling and Production Regulation Part 1 defines an observation well as “a well or a portion of a well designated as an observation well under section 2 (7)”.

2 (7) An official may designate a well as an observation well if

- (a) the well is being used to monitor reservoir pressures or to obtain other formation information, and
- (b) the well is not used to produce from, or inject or dispose of fluids into, a formation being monitored.

The subject well was drilled in 1980 and the Coplin formation was perforated from 1842.5 to 1845.0 mKB and the Mica formation was completed from 1852.0 – 1854.5 mKB. The current configuration of equipment in the well includes a tubing string with a packer set at 1846.7 mKB and a sliding sleeve at 1842.2 mKB. A static gradient test was conducted on the Mica formation in July 2012. The well has not reported any production.

Venturion Oil Limited is requesting use of this well to monitor the Mica field, Mica A pool reservoir pressure.

Approval of observation status is granted for Venutrition Mica 3-5-82-14, WA 5442, for the Mica A, with the following requirements:

- To conduct a reservoir pressure testing annually using downhole recorders;
- Ensure that the Coplin formation remains isolated from the Mica formation by keeping the sliding sleeve closed.

Please be reminded that all reservoir pressure tests conducted must be submitted to the Commission within sixty days of the date on which the pressure was measured.

Should you have any questions, please contact Kathryn Archibald at (250) 419-4457 or the undersigned at (250) 419-4430.

Sincerely,



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