

**AMENDING AGREEMENT**

This AGREEMENT made this 25<sup>th</sup> day of April, 2019.

AMONG:

**HER MAJESTY THE QUEEN** in Right of the Province of Manitoba; and

**TUNDRA OIL & GAS LIMITED**, a body corporate, with an office in the City of Winnipeg, in the Province of Manitoba; and

**COMPUTERSHARE TRUST COMPANY OF CANADA**, a body corporate, with an office in the City of Calgary, in the Province of Alberta; and

**THE WINNIPEG FOUNDATION TRUST**, a body corporate, with an office in the City of Winnipeg, in the Province of Manitoba; and

**TAQA NORTH LTD.**, a body corporate, with an office in the City of Calgary, in the Province of Alberta; and

**PATRICIA ANNE LAMONT**, a trust administered by an individual, with a residence in Town of Lake Cowichan, in the Province of British Columbia; and

**COPPERHEAD OIL COMPANY LIMITED**, a body corporate, with an office in the City of Kelowna, in the Province of British Columbia; and

**MARY HELEN ATKINSON**, an individual, with a residence in the City of Calgary, in the Province of Alberta; and

**5517428 MANITOBA LTD.**, a body corporate, with an office in the City of Winnipeg, in the Province of Manitoba; and

**5186138 MANITOBA LTD.**, a body corporate, with an office in the Town of Virden, in the Province of Manitoba; and

**BRUCE DAVID PLAISIER**, an individual, with a residence in the City of Brandon, in the Province of Manitoba; and

**BRENT ALLAN PLAISIER**, an individual, with a residence in the Town of Virden, in the Province of Manitoba; and

**3147479 CANADA INC.**, a body corporate, with an office in the City of Vancouver, in the Province of British Columbia; and

**DEBORAH KRASKO**, an individual, with a residence in the City of Vernon, in the Province of British Columbia; and

**DOUG PLAISIER**, an individual, with a residence in the City of Winnipeg, in the Province of Manitoba; and

**CAMERON SHAWN PLAISIER**, an individual, with a residence in the Community of Grande Pointe, in the Province of Manitoba; and

**DAVID CHARLES WILSON**, an individual, with a residence in the City of Brandon, in the Province of Manitoba; and

**MARGARET JUNE LOUISE THOMPSON**, an individual, with a residence in the City of Winnipeg, in the Province of Manitoba; and

**DONALD ALEXANDER WILSON**, an individual, with a residence in the City of Gloucester, in the Province of Ontario; and

**ELGIN MACKAY WILSON**, an individual, with a residence in the City of Toronto, in the Province of Ontario; and

**71702 MANITOBA LTD.**, a body corporate, with an office in the Town of Virden, in the Province of Manitoba; and

WHEREAS the parties hereto are parties to, or successors in interest to parties to the Unit Agreement for East Routledge Unit No. 1 made effective May 15, 1972 which is further described in Schedule "A" hereto; (such Agreement including all amendments, if any, thereto hereinafter referred to as the "Unit Agreement") and

WHEREAS the Parties hereto desire to amend the Unit Agreement to provide for infill drilling and injection on or nearby the boundary of East Routledge Unit No. 1.

NOW THEREFORE IN CONSIDERATION OF THE PREMISES and mutual covenants and agreements hereinafter contained and set forth, the Parties agree as follows:

1. Effective as of the date hereof, Clause 401 of the Unit Agreement is deleted in its entirety and replaced by the following:

401. Operations

*The Working Interest Owners are hereby granted the right to develop and operate the Unitized Zone without regard to the provisions of the Leases or the boundary lines of the Tracts or Spacing Units in such manner and by such means and methods as the Working Interest Owners consider appropriate. Without limiting the generality of the foregoing, the Working Interest Owners shall have the right to inject any substance or combination of substances into the Unitized Zone and to convert and use as injection wells any wells now existing or hereafter drilled into the Unitized Zone.*

*The Working Interest Owners are hereby granted the right, subject to Petroleum Branch approval, to pool Spacing Units located in the Unit Area with Spacing Units located outside of the Unit Area for the purpose of drilling a horizontal well. The Spacing Unit for such horizontal wells shall be deemed to be the area as specified in the Oil and Gas Act and the Crown Royalty and Incentive Regulation (Manitoba). The share of production from such horizontal wells shall be calculated using the same methodology as set out in the above-noted Act and Regulation.*

*The Working Interest Owners are hereby granted the right, subject to Petroleum Branch approval, to drill and operate horizontal or vertical injection wells within, upon, over or across the Unit boundaries. The Working Interest Owners are also hereby granted the right to produce such wells prior to the wells being converted to injection wells.*

2. The foregoing revision of the Unit Agreement shall be deemed to be incorporated in and form part of the Unit Agreement as of the date of this Amending Agreement of approval by the Petroleum Branch, Manitoba Innovation, Energy and Mines, and shall govern and determine all matters therein from and after such date.
3. Save as amended by the provisions hereof, the Unit Agreement shall continue in full force and effect and is hereby ratified and confirmed by the parties hereto.
4. This Amending Agreement may be executed in as many counterparts as are necessary and when a counterpart has been executed by each party, all counterparts taken together shall constitute one agreement.
5. The provisions of this Amending Agreement shall enure to the benefit of and be binding upon the parties hereto and their respective successors and assigns.
6. The Parties agree that the Unit Agreement shall for all purposes be construed and interpreted according to the laws of the Province of Manitoba and that the courts having jurisdiction with respect to matters relating to the Agreement shall be the courts of said Province, to the jurisdiction of which courts the parties by their execution of Agreement do hereby submit.

**This is Schedule "A" to an Amending Agreement for East Routledge Unit 1  
dated April 25, 2019**

the "Unit Agreement"

East Routledge Unit 1 Agreement made effective May 15, 1972.