

**West Butler Unit No. 1**

**Waterflood Progress Report 201**

**January 1<sup>st</sup> through December 31<sup>st</sup> 2018**

**Prepared for:**

**Manitoba Industry, Economic Development and Mines**

**Petroleum Branch**

**Prepared by:**

**Tundra Oil and Gas**

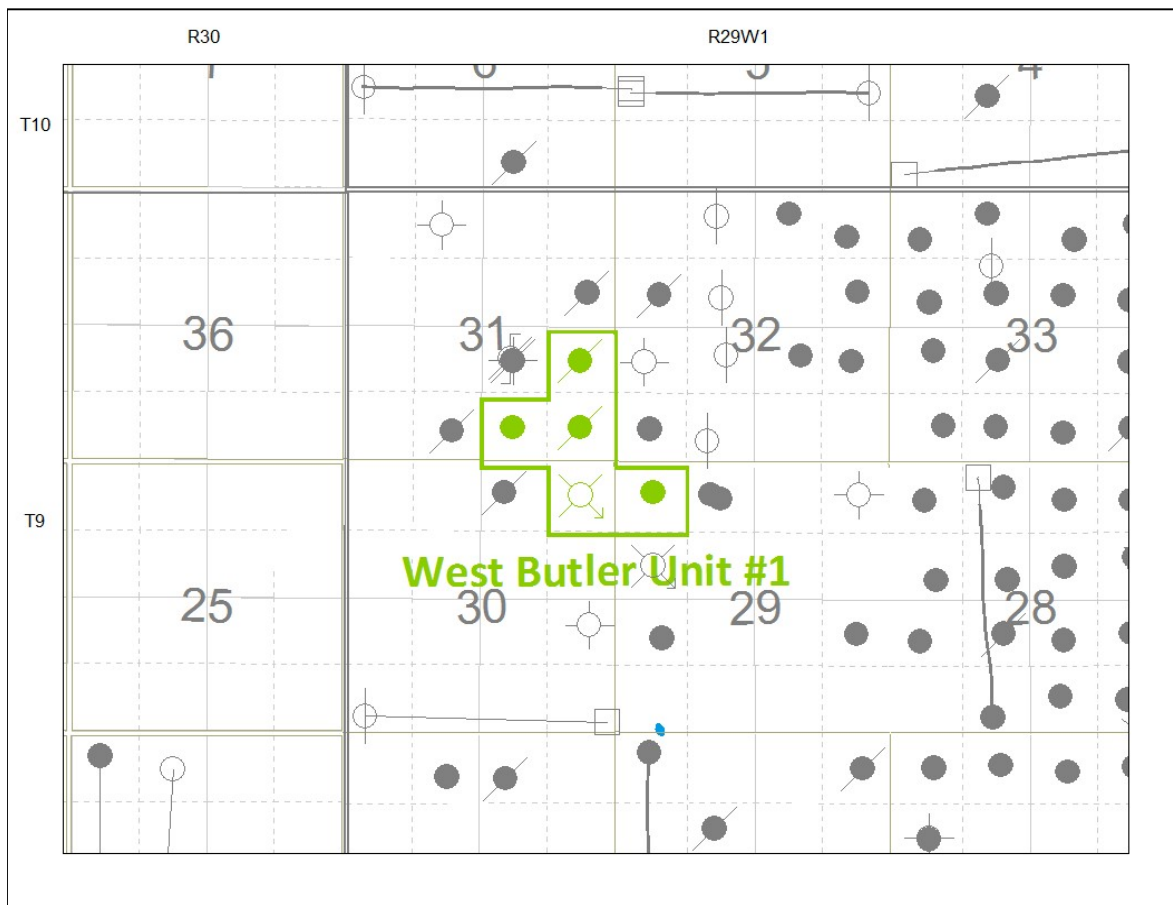
**March 25, 2018**

## INTRODUCTION

West Butler Unit No. 1 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Unitization Order No. 14 effective September 1972 with Enerplus ECT Resources Ltd. as Operator. Rideau Petroleums Ltd. (Rideau) acquired the unit from Enerplus ECT Resources Ltd. and became operator in September 1985. Tundra acquired the unit from Rideau in 2007 and is the current operator of the unit. The EOR project area contains 5 wells in 5 LSDs in Township 9, Range 29 W1 as shown in the figure below.

**This unit is currently not on injection.**

**Figure 1: West Butler Unit No. 1 Area Outline**



## West Butler Unit No. 1

Tundra Oil and Gas (Tundra), as the operator of the West Butler Unit No. 1 Enhanced Oil Recovery (EOR) project hereby submits the 2018 EOR report as per section 73 of the Drilling and Production Regulations.

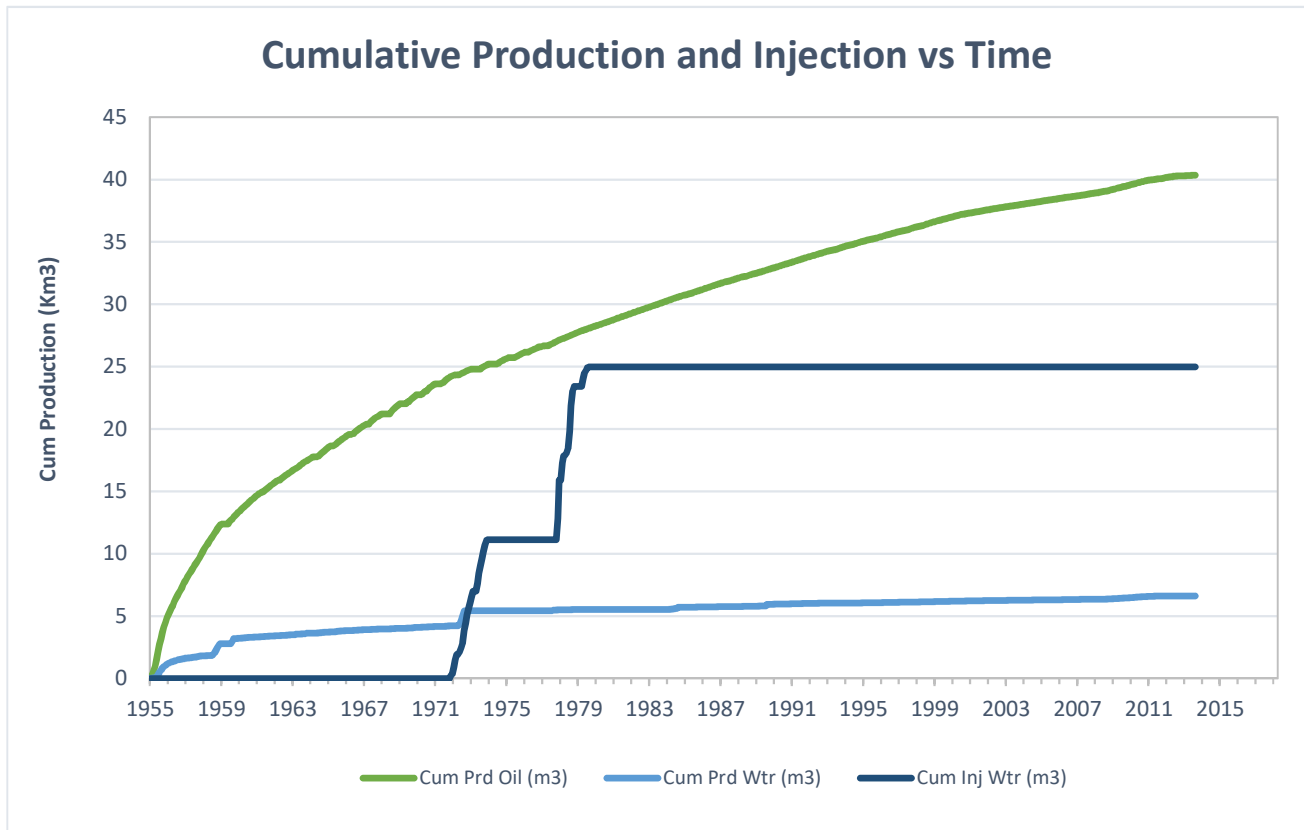
**a) Monthly oil and water production rates, injection rate, GOR and WOR**

MONTH	Cal Dly Oil m <sup>3</sup> /day	Cal Dly Wtr m <sup>3</sup> /day	Cal Inj Wtr m <sup>3</sup> /day	WOR m <sup>3</sup> /m <sup>3</sup>	GOR m <sup>3</sup> /m <sup>3</sup>
Jan-2018	0.00	0.00	0.00	0.00	0.00
Feb-2018	0.00	0.00	0.00	0.00	0.00
Mar-2018	0.00	0.00	0.00	0.00	0.00
Apr-2018	0.00	0.00	0.00	0.00	0.00
May-2018	0.00	0.00	0.00	0.00	0.00
Jun-2018	0.00	0.00	0.00	0.00	0.00
Jul-2018	0.00	0.00	0.00	0.00	0.00
Aug-2018	0.00	0.00	0.00	0.00	0.00
Sep-2018	0.00	0.00	0.00	0.00	0.00
Oct-2018	0.00	0.00	0.00	0.00	0.00
Nov-2018	0.00	0.00	0.00	0.00	0.00
Dec-2018	0.00	0.00	0.00	0.00	0.00

**b) Cumulative volume of oil, gas and water produced and fluid injected**

2018 PRODUCTION	
Produced Oil (m <sup>3</sup> )	0
Produced Gas (m <sup>3</sup> )	0
Produced Water (m <sup>3</sup> )	0
Fluid Injected (m <sup>3</sup> )	0
CUMULATIVE PRODUCTION	
Produced Oil (m <sup>3</sup> )	40,345
Produced Water (m <sup>3</sup> )	6,621

## West Butler Unit No. 1



**c) Well List****West Butler Unit No. 1 Well List**

<i><b>UWI</b></i>	<i><b>Type</b></i>	<i><b>Status</b></i>	<i><b>Future Plans</b></i>
100/13-29-009-29W1/0	Vertical	Abandoned Zone	-
100/16-30-009-29W1/0	Vertical	Abandoned	-
100/01-31-009-29W1/0	Vertical	Abandoned	-
100/02-31-009-29W1/0	Vertical	Abandoned Zone	-
100/08-31-009-29W1/0	Vertical	Abandoned Zone	-