

**Daly Unit No. 6**

**Waterflood Progress Report 2017**

**January 1<sup>st</sup> through December 31<sup>st</sup> 2017**

**Prepared for:**

**Manitoba Industry, Economic Development and Mines**

**Petroleum Branch**

**Prepared by:**

**Tundra Oil and Gas**

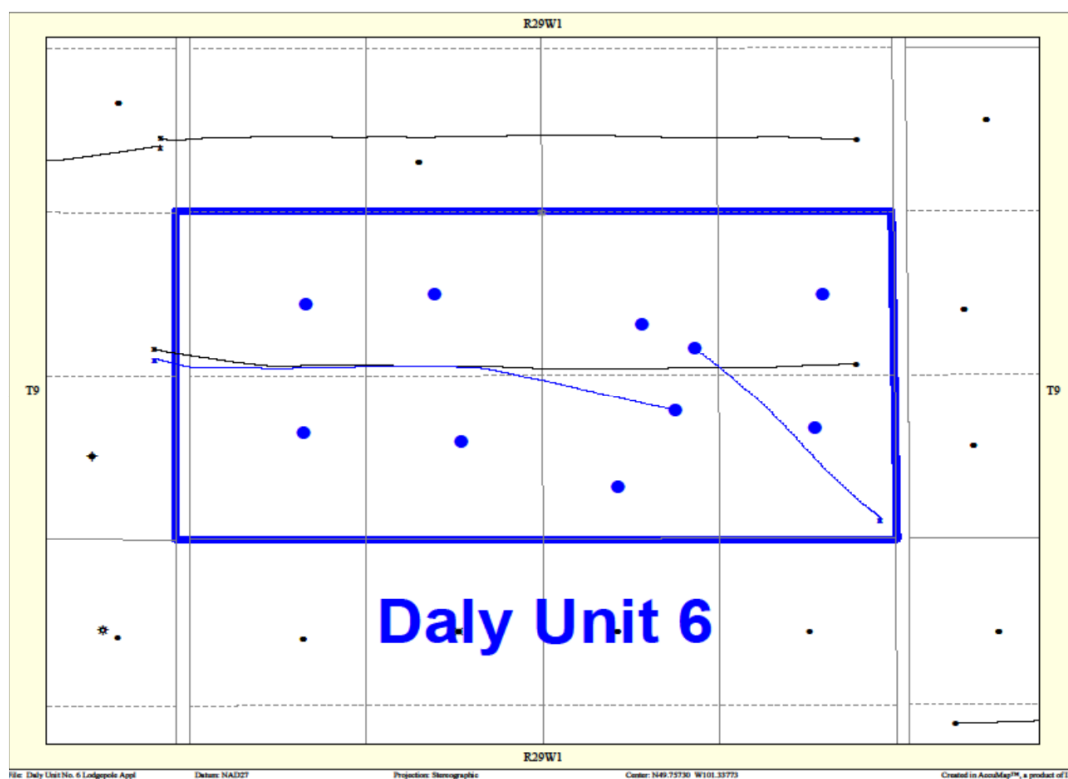
**August 7, 2018**

## INTRODUCTION

Daly Unit No. 6 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Waterflood Order No. 39, effective January 1st, 2014 with Tundra Oil and Gas as Operator. The EOR project area, outlined in blue in Figure 1, contains 1 abandoned horizontal well, 8 vertical and 1 horizontal producing well in 8 LSDs in Section 22, Township 9, Range 29W1.

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

**Figure 1: Daly Unit No. 6 Area Outline**



## Daly Unit No. 6

Tundra Oil and Gas (Tundra), as the operator of the Daly Unit No. 6 Enhanced Oil Recovery (EOR) project hereby submits the 2017 EOR report as per section 73 of the Drilling and Production Regulations.

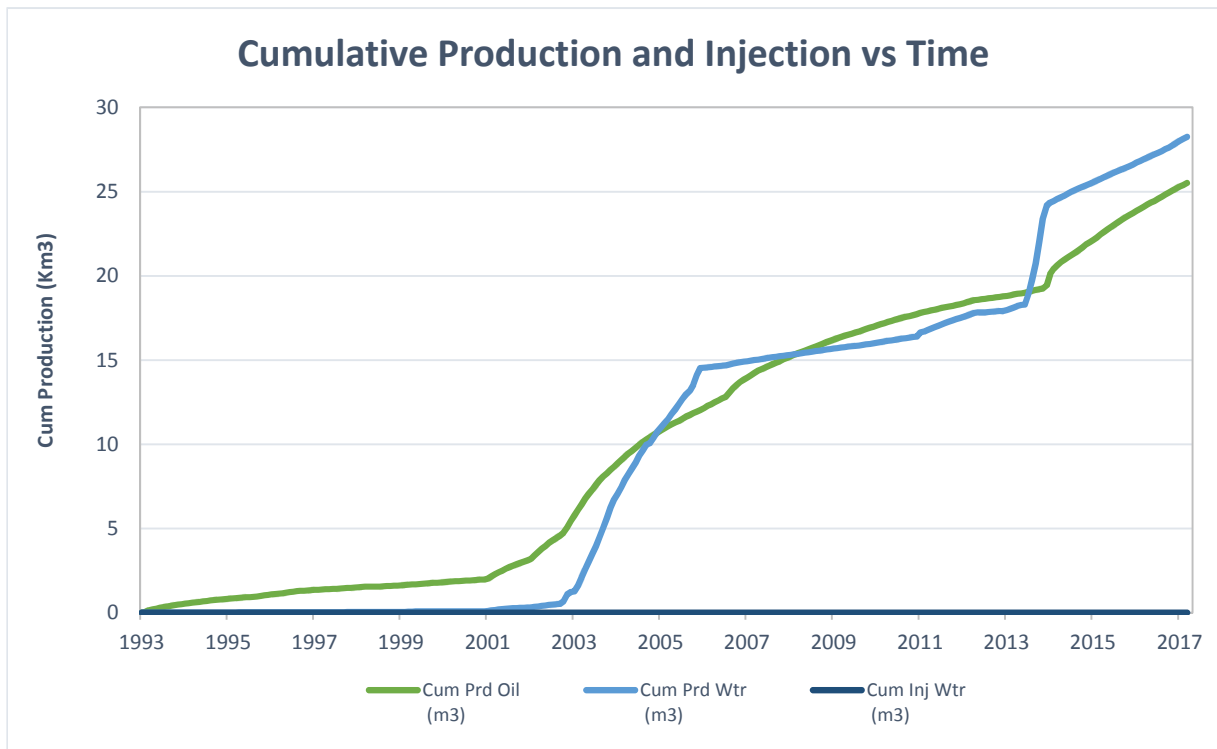
**a) Monthly oil and water production rates, injection rate, GOR and WOR**

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-2017	4.24	3.34	0.00	0.79	0
Feb-2017	4.13	3.37	0.00	0.82	0
Mar-2017	3.04	2.61	0.00	0.86	0
Apr-2017	4.18	3.21	0.00	0.77	0
May-2017	4.16	3.42	0.00	0.82	0
Jun-2017	4.27	3.43	0.00	0.80	0
Jul-2017	3.84	3.36	0.00	0.88	0
Aug-2017	4.00	4.06	0.00	1.02	0
Sep-2017	3.75	4.42	0.00	1.18	0
Oct-2017	3.73	4.25	0.00	1.14	0
Nov-2017	3.46	3.81	0.00	1.10	0
Dec-2017	3.51	4.10	0.00	1.17	0

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

2017 PRODUCTION	
Produced Oil (m <sup>3</sup> )	1,408
Produced Gas (m <sup>3</sup> )	0
Produced Water (m <sup>3</sup> )	1,320
Fluid Injected (m <sup>3</sup> )	0
CUMULATIVE PRODUCTION	
Produced Oil (m <sup>3</sup> )	25,507
Produced Water (m <sup>3</sup> )	28,250

## Daly Unit No. 6



<i><b>UWI</b></i>	<i><b>Type</b></i>	<i><b>Status</b></i>	<i><b>Future Plans</b></i>
100/01-22-009-29W1/0	Vertical	Producing	-
100/02-22-009-29W1/2	Vertical	Producing	-
102/02-22-009-29W1/0	Horizontal	Producing	-
100/03-22-009-29W1/0	Vertical	Producing	-
100/04-22-009-29W1/0	Vertical	Producing	-
100/05-22-009-29W1/2	Vertical	Producing	-
100/06-22-009-29W1/0	Vertical	Pumping	-
100/07-22-009-29W1/0	Horizontal	Abandoned	-
102/07-22-009-29W1/0	Vertical	Producing	-
100/08-22-009-29W1/0	Vertical	Producing	-