

**Daly Unit No. 9**

**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**

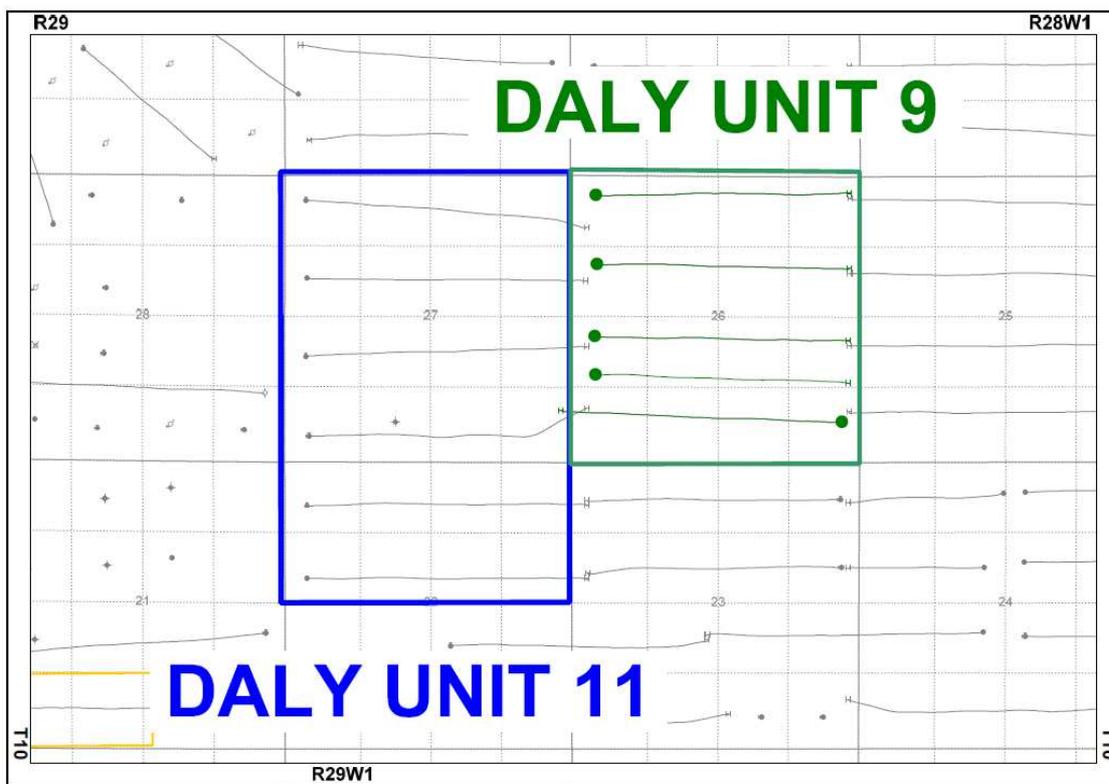
**August 1, 2018**

## INTRODUCTION

Daly Unit No. 9 Enhanced Oil Recovery (EOR) Waterflood Project was approved on September 1, 2015 with Tundra Oil and Gas (Tundra) as Operator. The EOR project area, outlined in green in Figure 1, contains 5 producing horizontal wells in 16 LSDs in Township 10, Range 29W1.

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

Figure 1: Daly Unit No. 9 Area Outline



## Daly Unit No. 9

Tundra Oil and Gas (Tundra), as the operator of the Daly Unit No. 9 Enhanced Oil Recovery (EOR) project hereby submits the 2017 EOR report as per section 73 of the Drilling and Production Regulations.

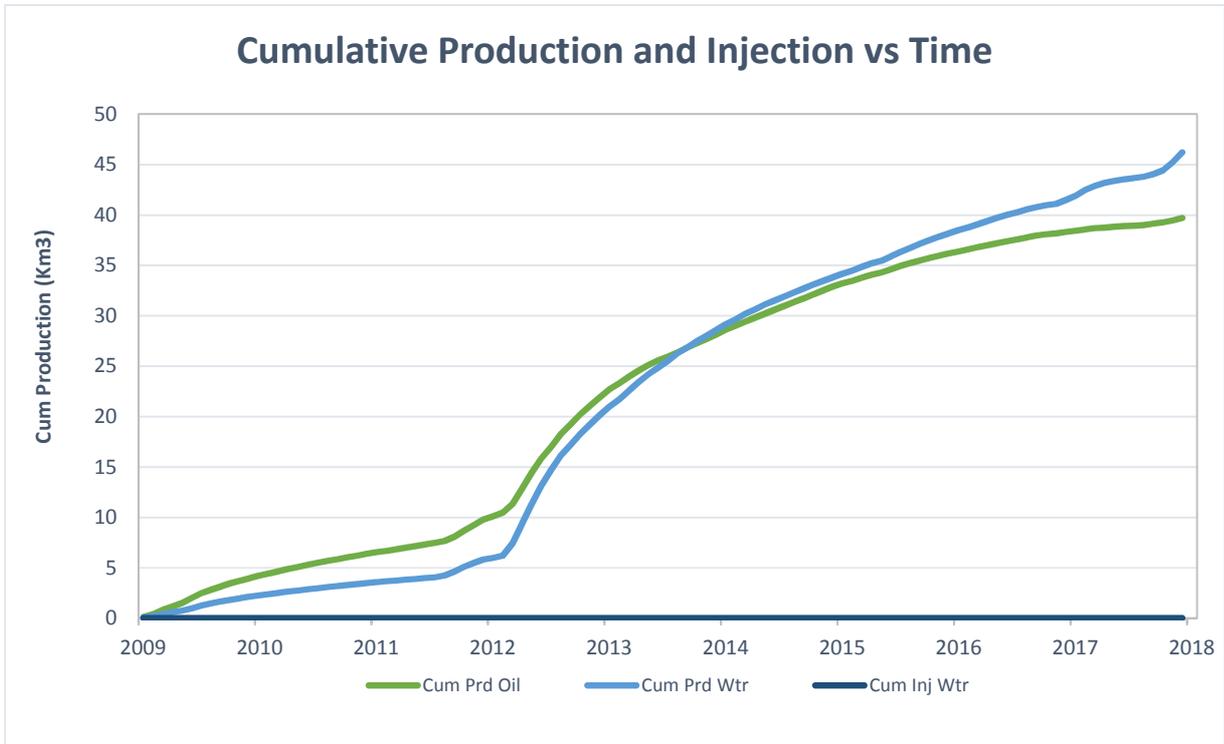
**a) Monthly oil and water production rates, injection rate, GOR and WOR**

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	4.15	14.75	0.00	3.55	0
Feb-2017	5.29	19.83	0.00	3.75	0
Mar-2017	3.31	13.93	0.00	4.21	0
Apr-2017	2.71	8.81	0.00	3.25	0
May-2017	2.41	6.06	0.00	2.51	0
Jun-2017	2.10	5.19	0.00	2.47	0
Jul-2017	1.82	3.98	0.00	2.19	0
Aug-2017	2.13	4.99	0.00	2.34	0
Sep-2017	3.38	8.38	0.00	2.48	0
Oct-2017	4.30	11.68	0.00	2.72	0
Nov-2017	6.89	26.69	0.00	3.87	0
Dec-2017	7.94	31.91	0.00	4.02	0

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

<b>2017 PRODUCTION</b>	
Produced Oil (m <sup>3</sup> )	1,409
Produced Gas (m <sup>3</sup> )	0
Produced Water (m <sup>3</sup> )	4,734
Fluid Injected (m <sup>3</sup> )	0
<b>CUMULATIVE PRODUCTION</b>	
Produced Oil (m <sup>3</sup> )	39,706
Produced Water (m <sup>3</sup> )	46,203

## Daly Unit No. 9



<i>UWI</i>	<i>Type</i>	<i>Status</i>	<i>Future Plans</i>
100/01-26-010-29W1/0	Horizontal	Producing	-
100/05-26-010-29W1/0	Horizontal	Producing	-
103/05-26-010-29W1/0	Horizontal	Producing	-
100/12-26-010-29W1/0	Horizontal	Producing	-
100/13-26-010-29W1/0	Horizontal	Producing	-