

Daly Unit No. 5

Waterflood Progress Report 2019

January 1st through December 31st 2019

Prepared for:

Manitoba Industry, Economic Development and Mines

Petroleum Branch

Prepared by:

Tundra Oil and Gas

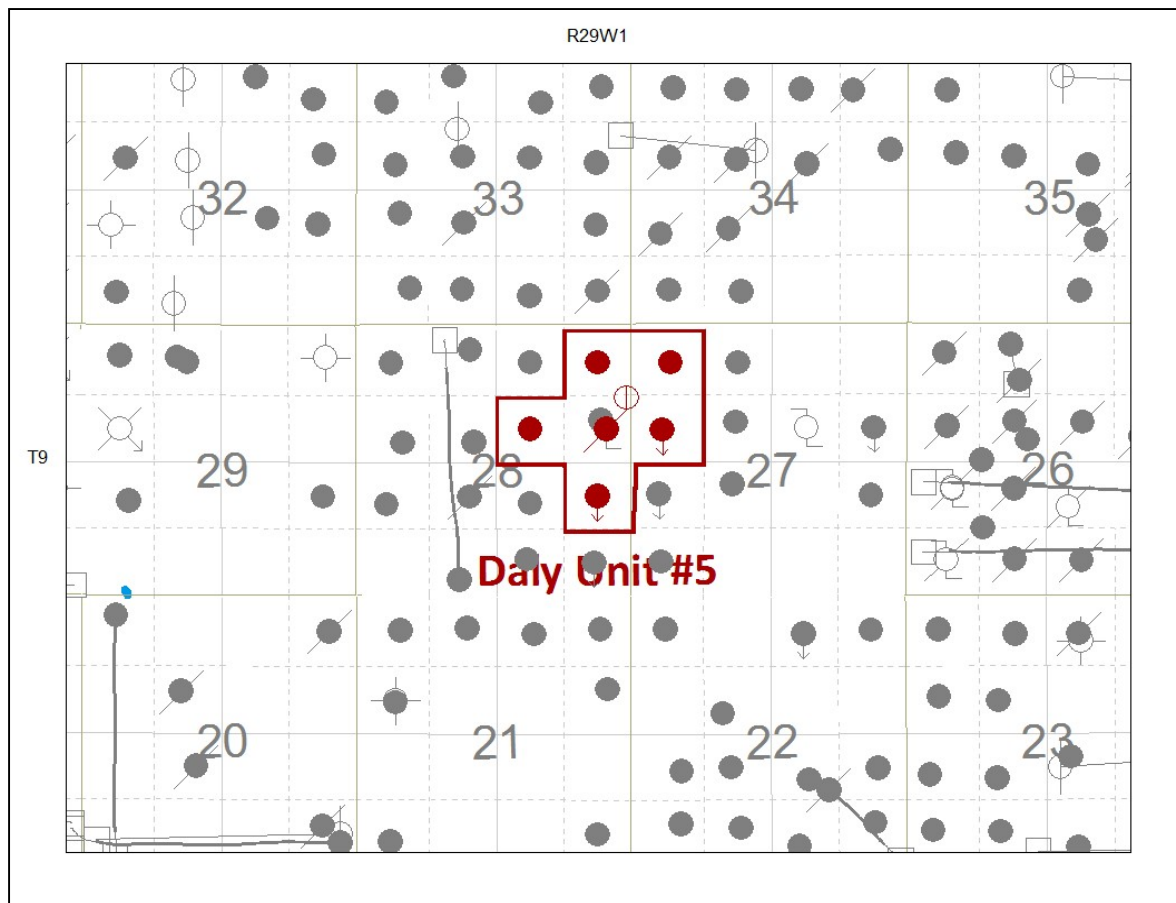
March 17, 2020

INTRODUCTION

Daly Unit No. 5 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Board Order No. PM 63 effective August 1st, 1990 with Tundra Oil and Gas as Operator. The EOR project area, outlined in maroon in Figure 1, contains 7 wells over 6 LSDs in Township 9, Range 29W1.

This unit is currently not on injection.

Figure 1: Daly Unit No. 5 Area Outline



Daly Unit No. 5

Tundra Oil and Gas (Tundra), as the operator of the Daly Unit No. 5 Enhanced Oil Recovery (EOR) project hereby submits the 2019 EOR report as per section 73 of the Drilling and Production Regulations.

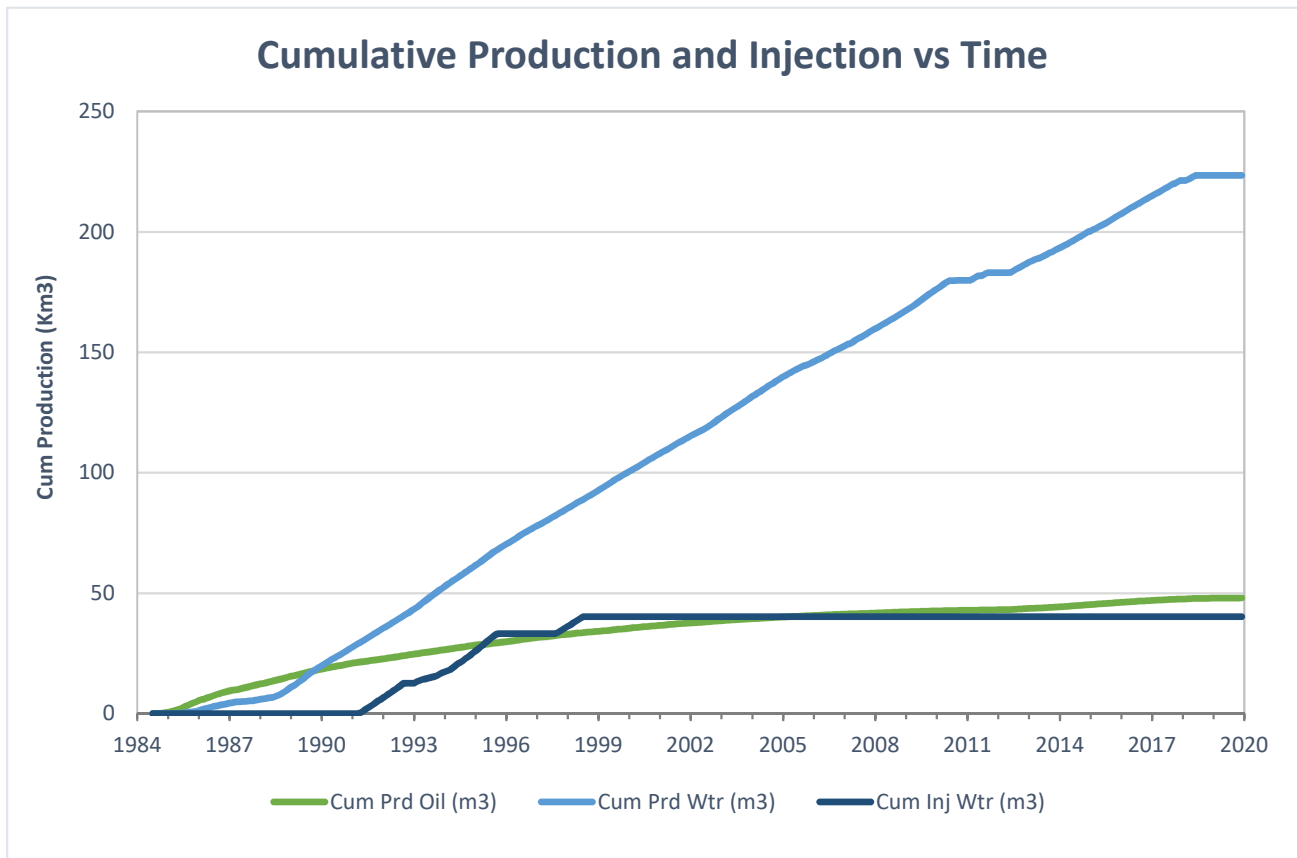
a) Monthly oil and water production rates, injection rate, GOR and WOR

MONTH	Cal Dly Oil m ³ /day	Cal Dly Wtr m ³ /day	Cal Inj Wtr m ³ /day	WOR m ³ /m ³	GOR m ³ /m ³
Jan-2019	0.37	0.05	0.00	0.13	0
Feb-2019	0.40	0.05	0.00	0.13	0
Mar-2019	0.40	0.05	0.00	0.14	0
Apr-2019	0.40	0.05	0.00	0.13	0
May-2019	0.39	0.05	0.00	0.14	0
Jun-2019	0.40	0.07	0.00	0.17	0
Jul-2019	0.40	0.10	0.00	0.24	0
Aug-2019	0.41	0.10	0.00	0.24	0
Sep-2019	0.37	0.05	0.00	0.13	0
Oct-2019	0.41	0.05	0.00	0.11	0
Nov-2019	0.40	0.04	0.00	0.11	0
Dec-2019	0.15	0.01	0.00	0.09	0

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

2019 PRODUCTION	
Produced Oil (m ³)	136
Produced Gas (m ³)	0
Produced Water (m ³)	21
Fluid Injected (m ³)	0
CUMULATIVE PRODUCTION	
Produced Oil (m ³)	48,028
Produced Water (m ³)	223,465

Daly Unit No. 5



c) Well List

Daly Unit No. 5 Well List

<i>UWI</i>	<i>Type</i>	<i>Status</i>	<i>Future Plans</i>
100/12-27-009-29W1/0	Vertical	Commingled	-
100/13-27-009-29W1/0	Vertical	Producing	-
100/08-28-009-29W1/0	Vertical	Commingled	-
100/09-28-009-29W1/0	Vertical	Abandoned	-
102/09-28-009-29W1/0	Vertical	Abandoned Zone	-
100/10-28-009-29W1/0	Vertical	Producing	-
100/16-28-009-29W1/0	Vertical	Abandoned Zone	-