Sinclair Unit No. 21

Waterflood Progress Report 2019

January 1st through December 31st 2019

Prepared for:

Manitoba Industry, Economic Development and Mines

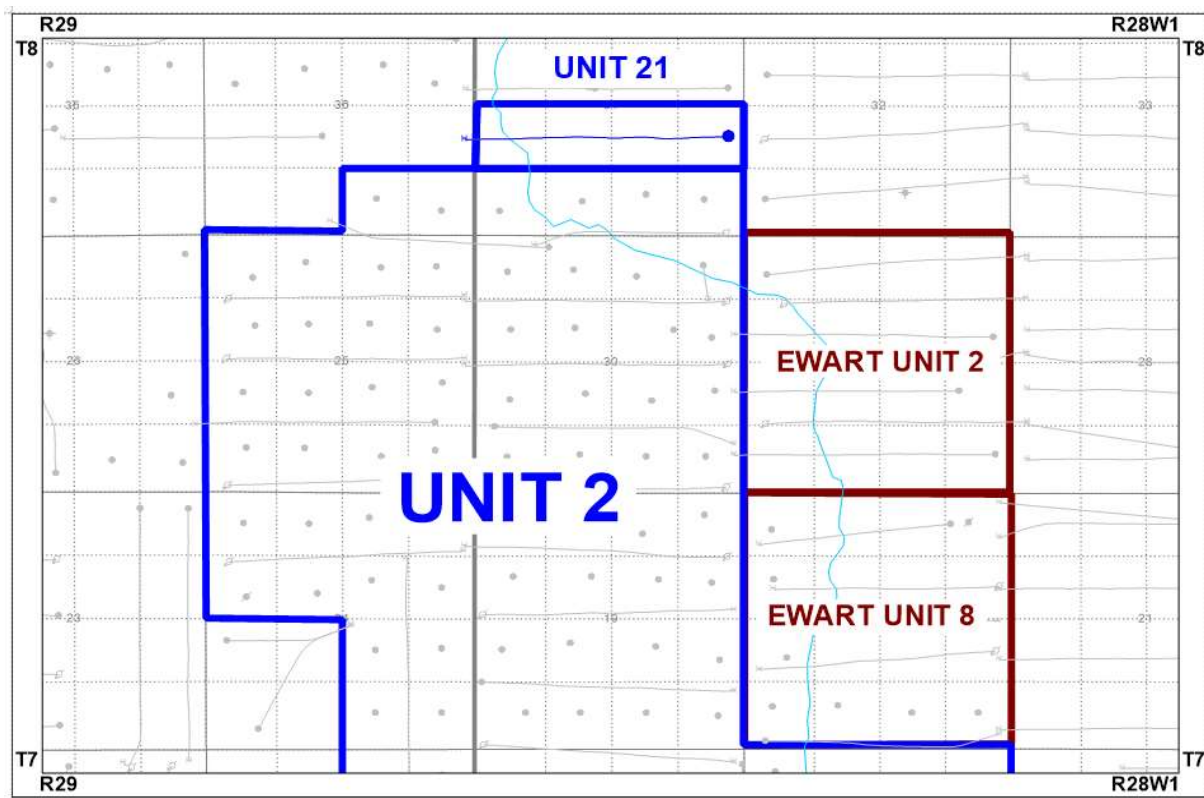**Petroleum Branch**

Prepared by:

Tundra Oil and Gas

March 17, 2020

INTRODUCTION

Sinclair Unit No. 21 Enhanced Oil Recovery (EOR) Waterflood Project was approved effective June 1, 2018 with Tundra Oil and Gas as Operator. The EOR project area, outlined in Figure 1, contains 1 well over 4 LSDs in Township 7, Range 28 W1.

This unit is currently not on injection.

Figure 1: Sinclair Unit No. 21 Area Outline

Sinclair Unit No. 21

Tundra Oil and Gas (Tundra), as the operator of the Sinclair Unit No. 21 Enhanced Oil Recovery (EOR) project hereby submits the 2019 EOR report as per section 73 of the Drilling and Production Regulations.
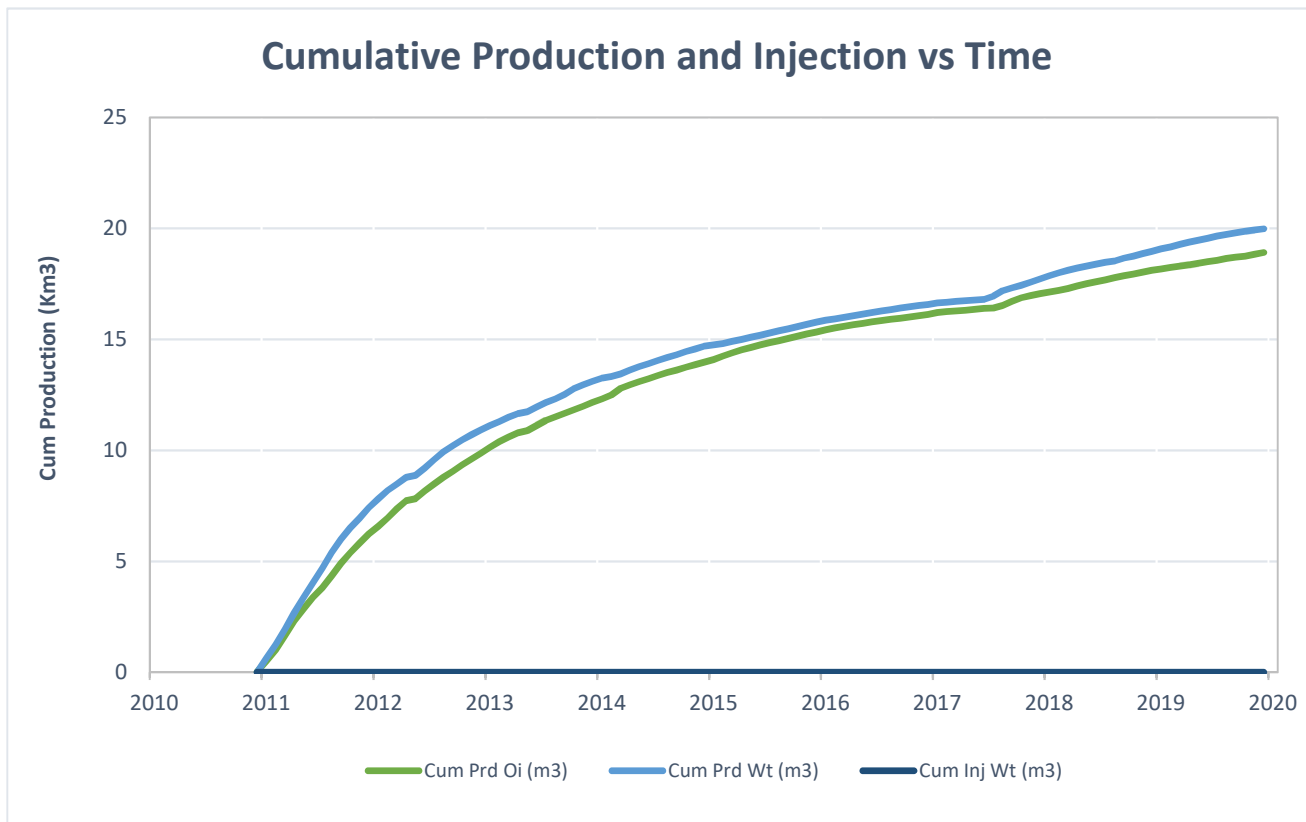
a) **Monthly oil and water production rates, injection rate, GOR and WOR**

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	2.07	3.70	0.00	1.78	0
Feb-2019	2.23	3.28	0.00	1.47	0
Mar-2019	2.09	3.40	0.00	1.63	0
Apr-2019	2.10	3.31	0.00	1.57	0
May-2019	2.23	3.02	0.00	1.35	0
Jun-2019	2.14	2.99	0.00	1.40	0
Jul-2019	2.22	2.88	0.00	1.29	0
Aug-2019	2.46	2.39	0.00	0.97	0
Sep-2019	1.94	2.67	0.00	1.38	0
Oct-2019	1.41	2.26	0.00	1.60	0
Nov-2019	2.83	1.97	0.00	0.70	0
Dec-2019	2.69	1.53	0.00	0.57	0

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

2019 PRODUCTION	
Produced Oil (m^3)	803
Produced Gas (m^3)	0
Produced Water (m^3)	1,014
Fluid Injected (m^3)	0
CUMULATIVE PRODUCTION	
Produced Oil (m^3)	18,917
Produced Water (m^3)	19,984

Sinclair Unit No. 21

Cumulative Production and Injection vs Time

c) Well List

Sinclair Unit No. 21

UWI	Type	Status	Future Plans
100/08-31-007-28W1/0	Horizontal	Producing	-