

Sinclair Unit No. 14
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

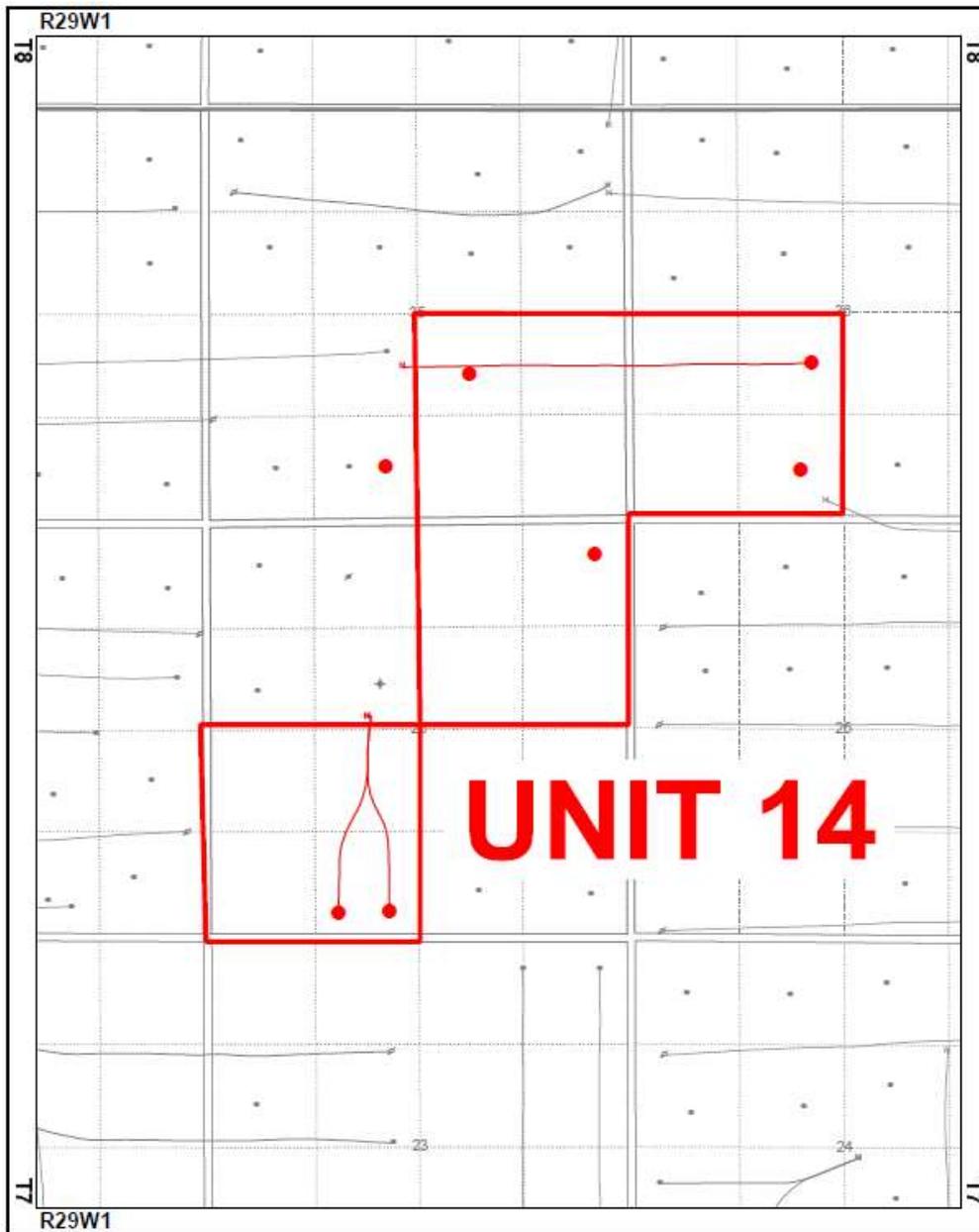
March 17, 2020

INTRODUCTION

Sinclair Unit No. 14 Enhanced Oil Recovery (EOR) Waterflood Project was approved on November 1, 2015 with Tundra Oil and Gas (Tundra) as Operator. The EOR Unit area, outlined in red, contains 2 abandoned wells, 2 producing vertical wells and 2 producing horizontal wells in 16 LSDs in Township 7 Range 29 W1 as shown in the figure below.

This unit is currently not on injection.

Figure 1: Sinclair Unit No. 14 Area Outline



Sinclair Unit No. 14

Tundra Oil and Gas (Tundra), as the operator of the Sinclair Unit No. 14 Enhanced Oil Recovery (EOR) project hereby submits the 2019 EOR report as per section 73 of the Drilling and Production Regulations.

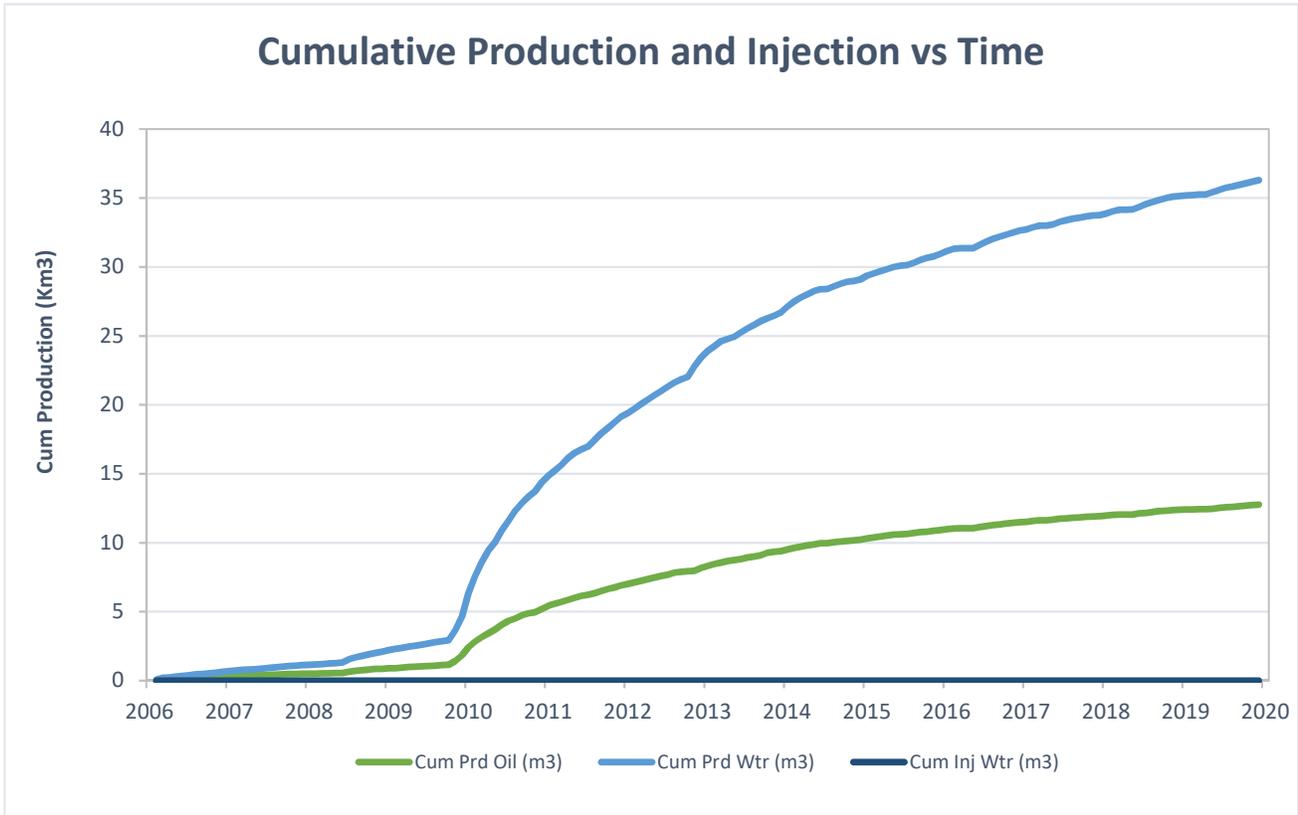
a) Monthly oil and water production rates, injection rate, GOR and WOR

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	0.77	1.60	0.00	2.08	0
Feb-2019	0.37	0.54	0.00	1.45	0
Mar-2019	0.60	1.62	0.00	2.70	0
Apr-2019	0.00	0.00	0.00	0.00	0
May-2019	0.95	4.90	0.00	5.13	0
Jun-2019	2.19	5.78	0.00	2.64	0
Jul-2019	1.43	5.10	0.00	3.56	0
Aug-2019	0.83	2.77	0.00	3.36	0
Sep-2019	1.15	3.53	0.00	3.06	0
Oct-2019	1.55	4.42	0.00	2.86	0
Nov-2019	1.46	3.65	0.00	2.50	0
Dec-2019	1.23	3.45	0.00	2.80	0

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

2019 PRODUCTION	
Produced Oil (m ³)	383
Produced Gas (m ³)	0
Produced Water (m ³)	1,144
Fluid Injected (m ³)	0
CUMULATIVE PRODUCTION	
Produced Oil (m ³)	12,769
Produced Water (m ³)	36,290

Sinclair Unit No. 14



c) Well List

Sinclair Unit No. 14 Well List

<i>UWI</i>	<i>Type</i>	<i>Status</i>	<i>Future Plans</i>
100/03-26-007-29W1/0	Horizontal	Producing	-
100/03-26-007-29W1/2	Horizontal	Producing	-
100/16-26-007-29W1/0	Vertical	Producing	-
100/02-35-007-29W1/0	Vertical	Producing	-
100/07-35-007-29W1/0	Vertical	Abandoned	-
100/03-36-007-29W1/0	Vertical	Abandoned	-
100/06-36-007-29W1/0	Horizontal	Producing	-