

Ewart Unit No. 14

Waterflood Progress Report 2018

January 1st through December 31st 2018

Prepared for:

Manitoba Industry, Economic Development and Mines

Petroleum Branch

Prepared by:

Tundra Oil and Gas

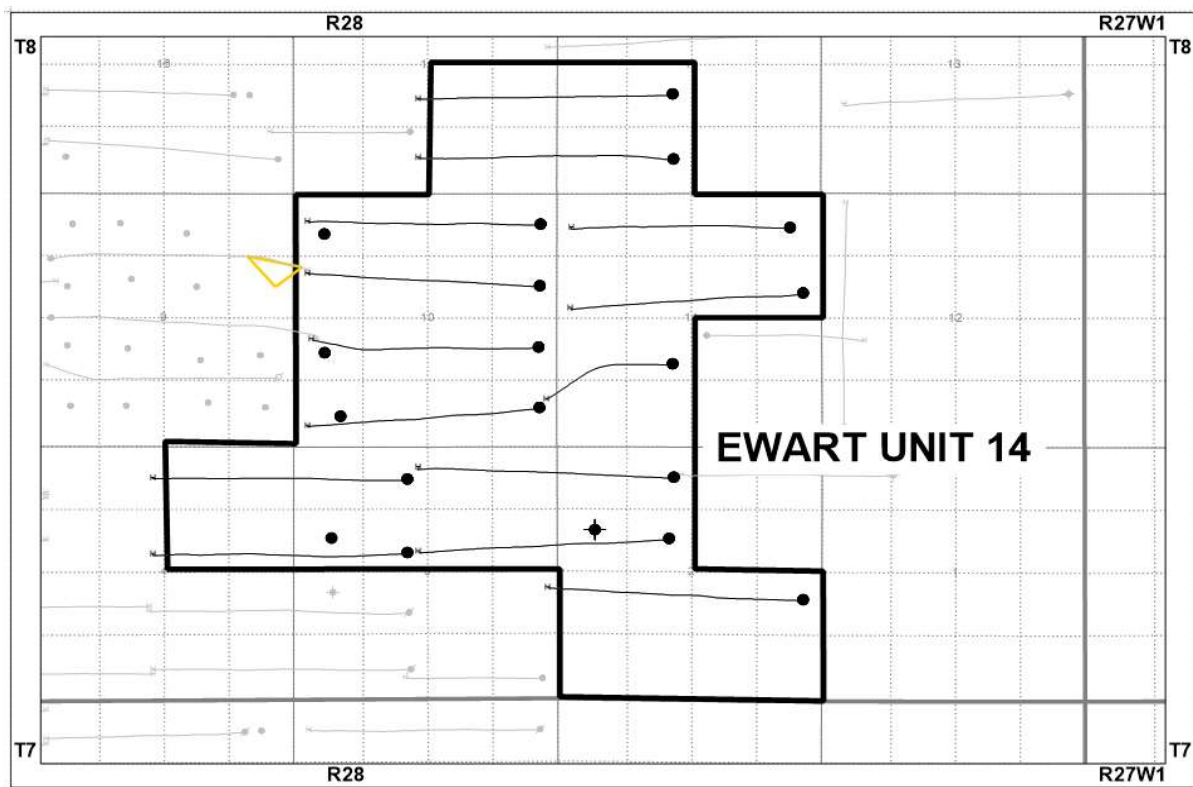
April 4, 2019

INTRODUCTION

Ewart Unit No. 14 Enhanced Oil Recovery (EOR) Waterflood Project was approved effective December 1, 2018 with Tundra Oil and Gas as Operator. The EOR project area, outlined in black in Figure 1, contains 19 wells (5 vertical, 14 horizontal) in 60 LSDs in Township 8, Range 28 W1.

This unit is currently not on injection.

Figure 1: Ewart Unit No. 14 Area Outline



Ewart Unit No. 14

Tundra Oil and Gas (Tundra), as the operator of the Ewart Unit No. 14 Enhanced Oil Recovery (EOR) project hereby submits the 2018 EOR report as per section 73 of the Drilling and Production Regulations.

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

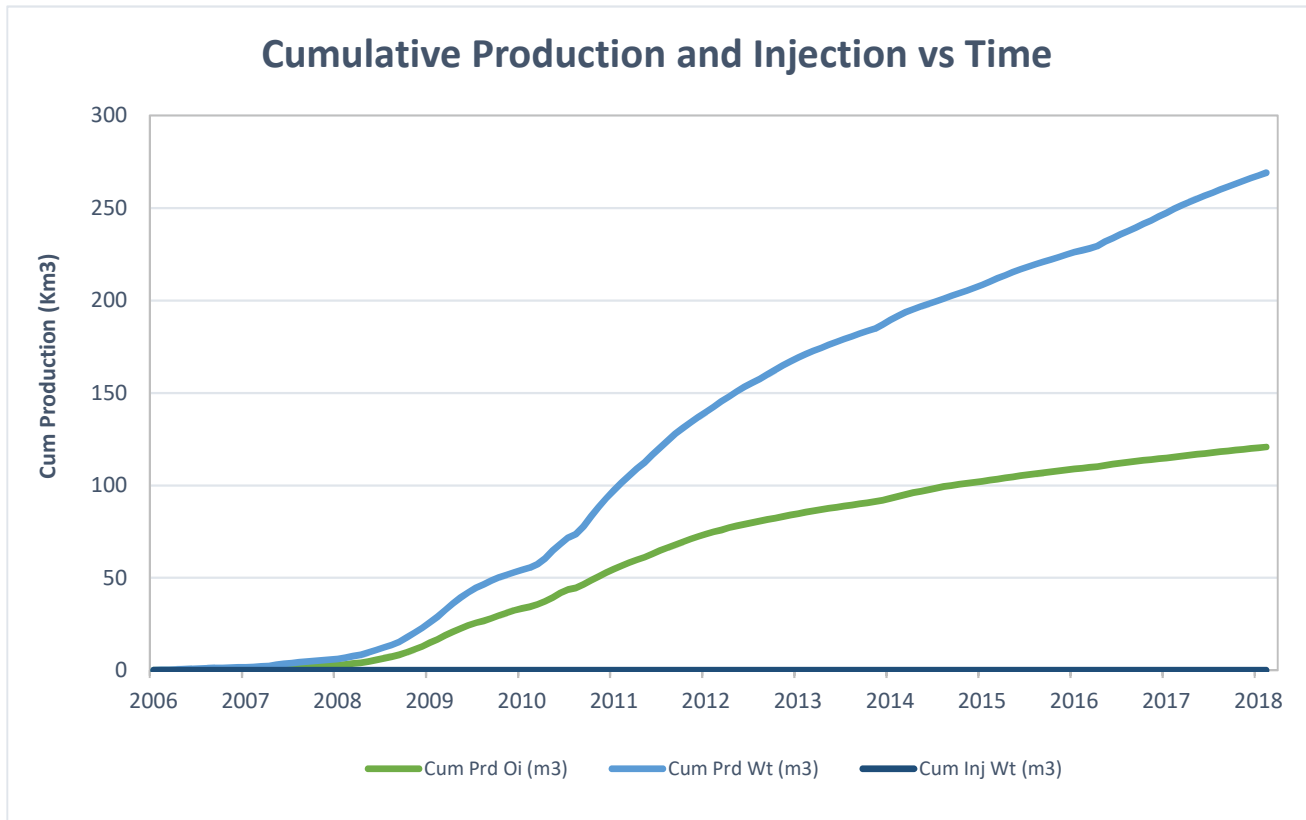
MONTH	Cal Dly Oil m ³ /day	Cal Dly Wtr m ³ /day	Cal Inj Wtr m ³ /day	WOR m ³ /m ³	GOR m ³ /m ³
Jan-2018	16.95	62.76	0.00	3.70	0
Feb-2018	16.36	59.93	0.00	3.66	0
Mar-2018	15.68	57.08	0.00	3.64	0
Apr-2018	14.97	57.93	0.00	3.87	0
May-2018	15.21	52.89	0.00	3.48	0
Jun-2018	16.14	54.52	0.00	3.38	0
Jul-2018	14.11	51.64	0.00	3.66	0
Aug-2018	13.00	49.79	0.00	3.83	0
Sep-2018	13.99	52.91	0.00	3.78	0
Oct-2018	13.49	50.93	0.00	3.77	0
Nov-2018	14.42	46.41	0.00	3.22	0
Dec-2018	13.27	46.14	0.00	3.48	0

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

2018 PRODUCTION	
Produced Oil (m ³)	5,397
Produced Gas (m ³)	0
Produced Water (m ³)	19,539
Fluid Injected (m ³)	0
CUMULATIVE PRODUCTION	
Produced Oil (m ³)	120,749
Produced Water (m ³)	269,092

25-Mar-19

Ewart Unit No. 14



c) Well List

Ewart Unit No. 14 Well List

<i>UWI</i>	<i>Type</i>	<i>Status</i>	<i>Future Plans</i>
100/08-02-008-28W1/0	Horizontal	Producing	-
100/11-02-008-28W1/0	Horizontal	Producing	-
100/12-02-008-28W1/0	Vertical	Abandoned Zone	-
100/14-02-008-28W1/0	Horizontal	Producing	-
100/11-03-008-28W1/0	Horizontal	Producing	-
100/12-03-008-28W1/0	Vertical	Producing	-
100/14-03-008-28W1/0	Horizontal	Producing	-
100/01-10-008-28W1/0	Horizontal	Producing	-
100/04-10-008-28W1/0	Vertical	Producing	-
100/05-10-008-28W1/0	Vertical	Producing	-
100/08-10-008-28W1/0	Horizontal	Producing	-
100/09-10-008-28W1/0	Horizontal	Producing	-
100/13-10-008-28W1/0	Vertical	Producing	-
100/16-10-008-28W1/0	Horizontal	Producing	-
100/06-11-008-28W1/0	Horizontal	Producing	-
100/09-11-008-28W1/0	Horizontal	Producing	-
100/16-11-008-28W1/0	Horizontal	Producing	-
100/03-14-008-28W1/0	Horizontal	Producing	-
100/06-14-008-28W1/0	Horizontal	Producing	-

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