

Ewart Unit No. 12

Waterflood Progress Report 2017

January 1st through December 31st 2017

Prepared for:

Manitoba Industry, Economic Development and Mines

Petroleum Branch

Prepared by:

Tundra Oil and Gas

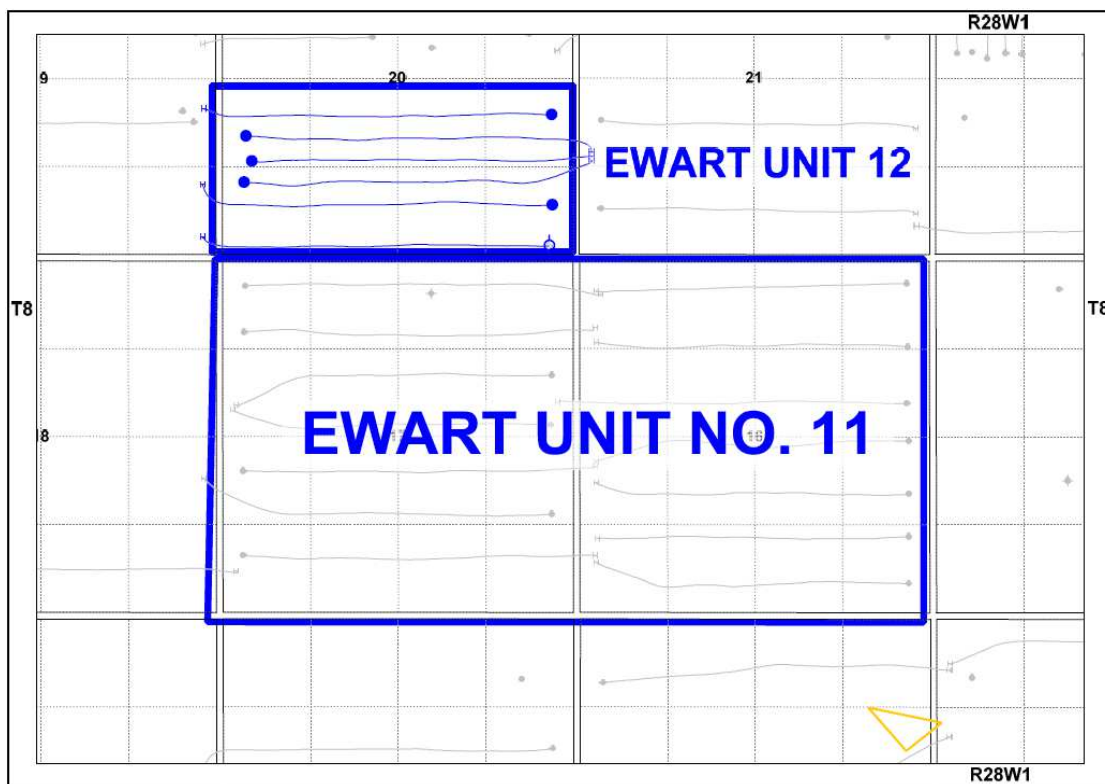
August 7, 2018

INTRODUCTION

Ewart Unit No. 12 Enhanced Oil Recovery (EOR) Waterflood Project was approved effective March 1st, 2017 with Tundra Oil and Gas as Operator. The EOR project area, outlined in blue in Figure 1, contains 6 horizontal Lodgepole wells (5 producing and 1 waiting to be completed) in 8 LSDs in Township 8, Range 28W1.

This unit is currently not on injection.

Figure 1: Ewart Unit No. 12 Area Outline



Ewart Unit No. 12

Tundra Oil and Gas (Tundra), as the operator of the Ewart Unit No. 12 Enhanced Oil Recovery (EOR) project hereby submits the 2017 EOR report as per section 73 of the Drilling and Production Regulations.

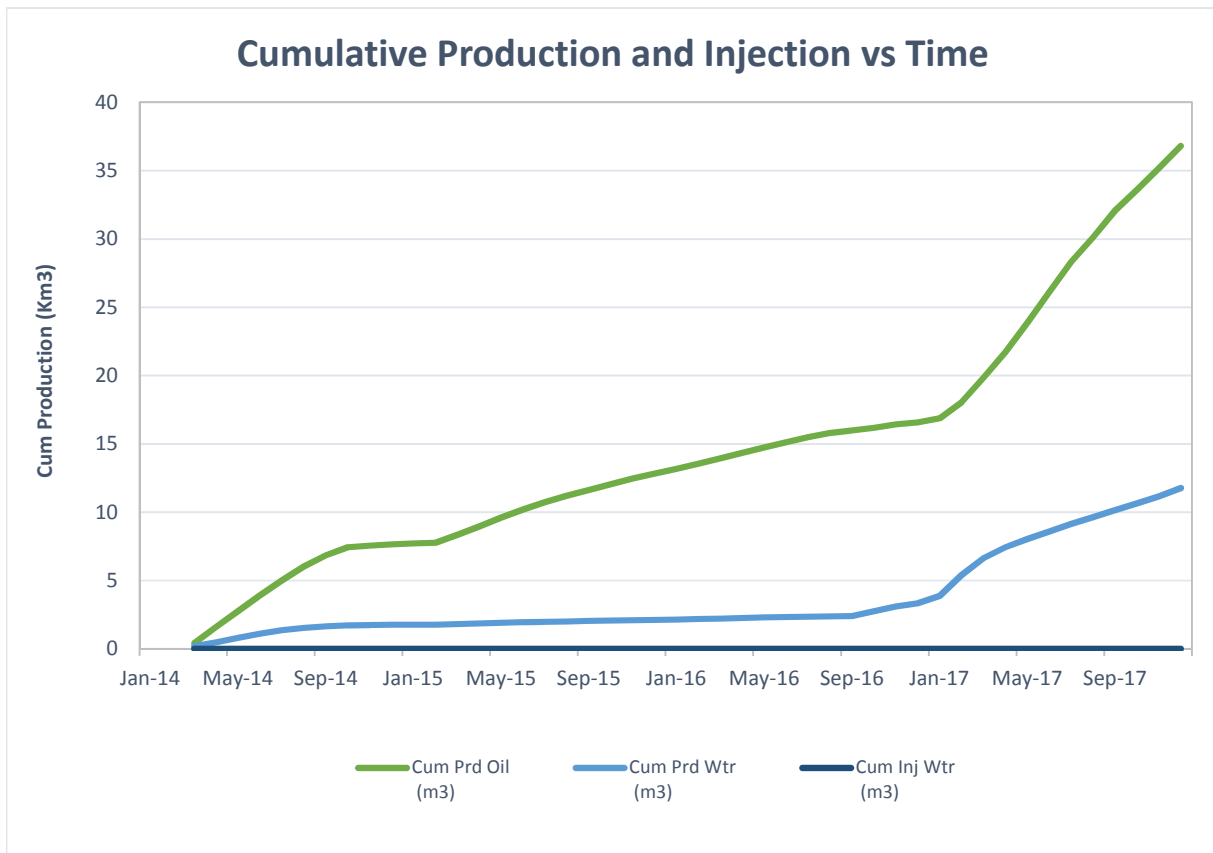
a) Monthly oil and water production rates, injection rate, GOR and WOR

MONTH	Cal Dly Oil m 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-2017	9.23	16.87	0.00	1.83	0
Feb-2017	42.18	55.00	0.00	1.30	0
Mar-2017	57.80	39.63	0.00	0.69	0
Apr-2017	63.00	26.64	0.00	0.42	0
May-2017	69.35	19.85	0.00	0.29	0
Jun-2017	74.44	18.05	0.00	0.24	0
Jul-2017	71.87	17.95	0.00	0.25	0
Aug-2017	57.34	15.84	0.00	0.28	5.4
Sep-2017	65.69	17.45	0.00	0.27	0
Oct-2017	48.82	15.95	0.00	0.33	0
Nov-2017	52.70	16.54	0.00	0.31	0
Dec-2017	52.42	20.00	0.00	0.38	0

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

2017 PRODUCTION	
Produced Oil (m ³)	20,228
Produced Gas (m ³)	10
Produced Water (m ³)	8,430
Fluid Injected (m ³)	0
CUMULATIVE PRODUCTION	
Produced Oil (m ³)	36,805
Produced Water (m ³)	11,764

Ewart Unit No. 12



c) Well List

Ewart Unit No. 12 Well List

<i>UWI</i>	<i>Type</i>	<i>Status</i>	<i>Future Plans</i>
100/01-20-008-28W1/0	Horizontal	Producing	-
102/01-20-008-28W1/0	Horizontal	Drilled & Cased	-
102/04-20-008-28W1/0	Horizontal	Producing	-
103/05-20-008-28W1/0	Horizontal	Producing	-
104/05-20-008-28W1/0	Horizontal	Producing	-
100/08-20-008-28W1/0	Horizontal	Producing	-