

EWART UNIT NO. 12

Waterflood Progress Report 2020

Prepared for:

Manitoba Industry, Economic Development and Mines

Petroleum Branch

Prepared by:



TUNDRA OIL & GAS

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## 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 7 producing horizontal Lodgepole wells in 8 LSDs in Township 8, Range 28W1. This unit is currently not on injection. The Unit contains 7 wells. 7 producers, 0 injectors, and 0 abandoned/suspended/other.

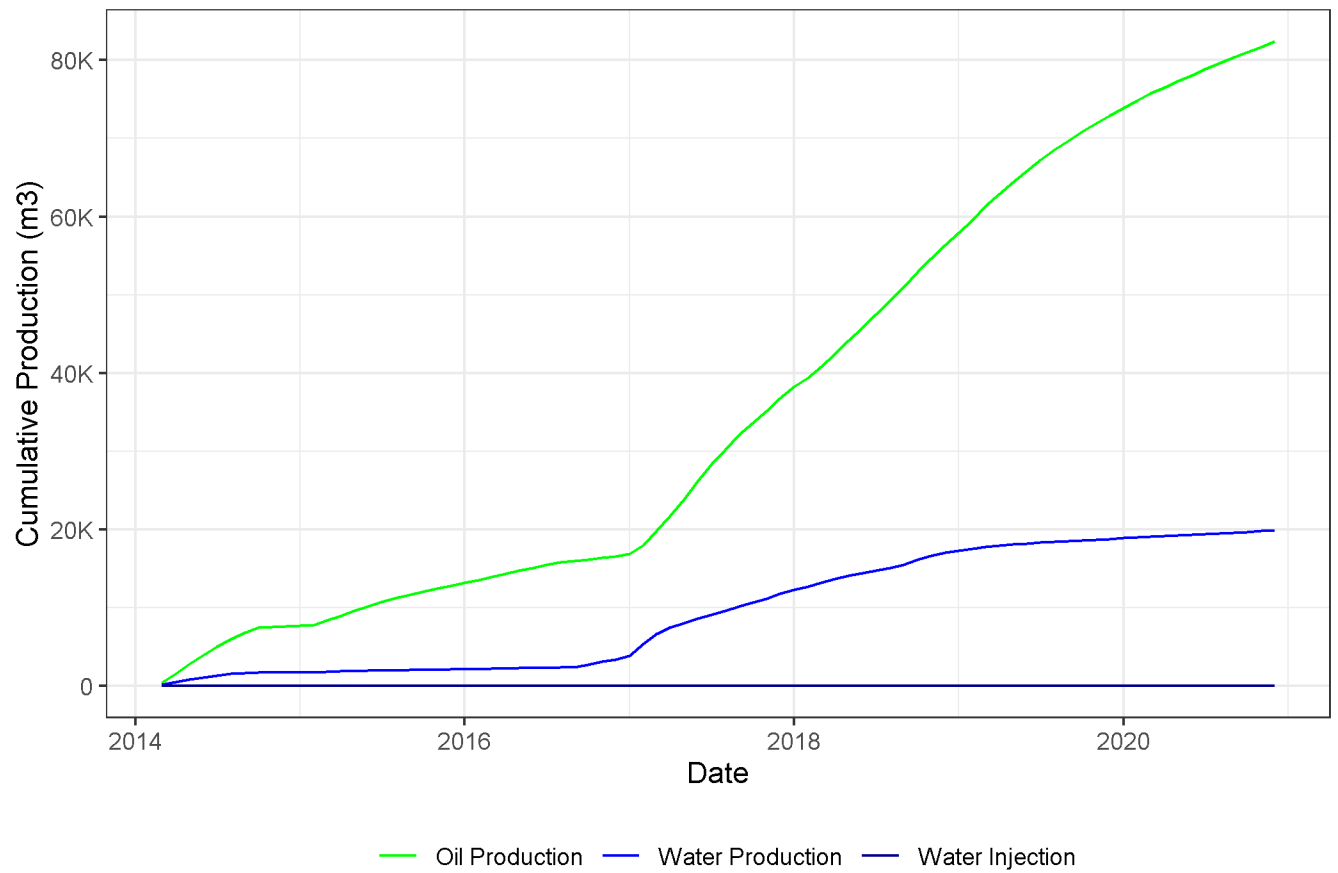
## Monthly oil and water production rates, injection rate, GOR and WOR

MONTH	Cal Day Oil m3/d	Cal Day Water m3/d	Cal Day Injection m3/d	WOR	GOR
JAN 2020	31.48	3.59	0	0.11	0
FEB 2020	32.32	4.68	0	0.14	0
MAR 2020	29.38	2.66	0	0.09	0
APR 2020	26.00	1.99	0	0.08	0
MAY 2020	26.22	2.35	0	0.09	0
JUN 2020	25.21	2.41	0	0.10	0
JUL 2020	24.63	2.53	0	0.10	0
AUG 2020	24.33	2.37	0	0.10	0
SEP 2020	23.59	2.58	0	0.11	0
OCT 2020	21.01	3.85	0	0.18	0
NOV 2020	22.02	3.93	0	0.18	0
DEC 2020	23.48	2.88	0	0.12	0
Average	25.81	2.98	0		

## Year summary of produced oil, gas, water and fluid injected

Categories	m3
Oil Production	9,437
Water Production	1,090
Gas Production	0
Water Injection	0
Cumulative Oil	82,364
Cumulative Water	19,892
Cumulative Injection	0

Cumulative Production and Injection



Monthly Wellhead Pressure

NO INJECTION

Monthly Injected Volumes

NO INJECTION

Voidage

NO INJECTION

Workovers

UWI	Date	Description
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## Well List

UWI	Type	Status
100.01-20-008-28W1.00	Horizontal	Producing
102.01-20-008-28W1.00	Horizontal	Producing
102.04-20-008-28W1.00	Horizontal	Producing
103.05-20-008-28W1.00	Horizontal	Producing
104.05-20-008-28W1.00	Horizontal	Producing
100.08-20-008-28W1.00	Horizontal	Producing
102.09-20-008-28W1.00	Horizontal	Producing