

CROMER UNIT NO. 5

Waterflood Progress Report 2020

Prepared for:

Manitoba Industry, Economic Development and Mines

Petroleum Branch

Prepared by:



TUNDRA OIL & GAS

Date: 2021-08-26

## Introduction

Cromer Unit No. 5 Enhanced Oil Recovery (EOR) Waterflood Project was approved effective June 1, 2019 with Tundra Oil and Gas as Operator. The EOR project area contains wells over 72 LSDs in Township 9, Range 28 W1. The Unit contains 27 wells. 17 producers, 0 injectors, and 10 abandoned/suspended/other.

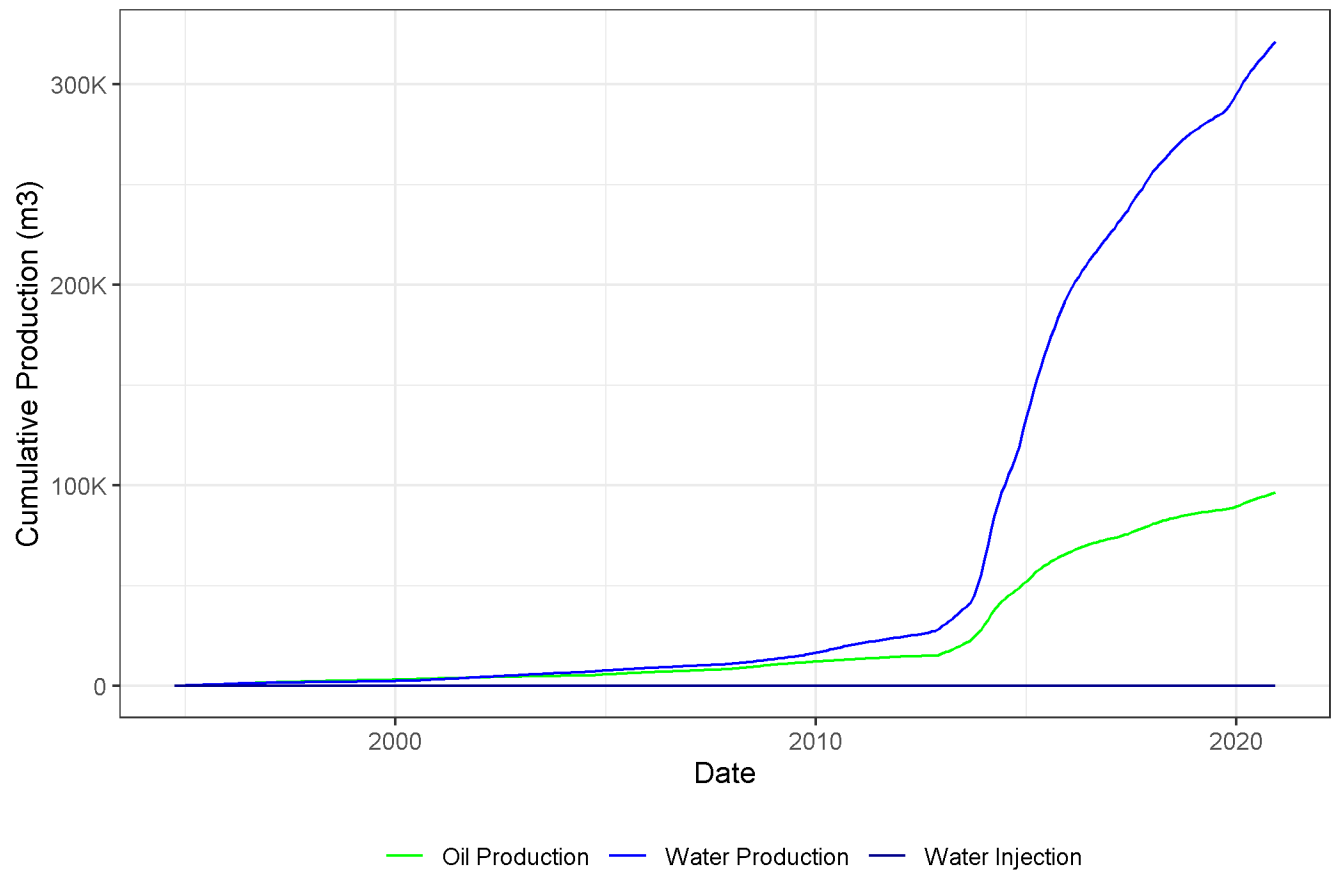
## Monthly oil and water production rates, injection rate, GOR and WOR

MONTH	Cal Day Oil m3/d	Cal Day Water m3/d	Cal Day Injection m3/d	WOR	GOR
JAN 2020	16.33	93.39	0	5.72	0
FEB 2020	22.89	100.00	0	4.37	0
MAR 2020	26.80	96.80	0	3.61	0
APR 2020	27.22	89.68	0	3.29	0
MAY 2020	21.83	85.94	0	3.94	0
JUN 2020	17.51	73.01	0	4.17	0
JUL 2020	17.94	66.02	0	3.68	0
AUG 2020	19.29	69.67	0	3.61	0
SEP 2020	16.61	63.97	0	3.85	0
OCT 2020	17.94	74.30	0	4.14	0
NOV 2020	19.23	69.54	0	3.62	0
DEC 2020	19.77	66.47	0	3.36	0
Average	20.28	79.07	0		

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

Categories	m3
Oil Production	7,418
Water Production	28,916
Gas Production	0
Water Injection	0
Cumulative Oil	96,380
Cumulative Water	321,297
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
100.12-22-009-28W1.02	Vertical	Producing
102.12-22-009-28W1.00	Horizontal	Producing
100.13-22-009-28W1.00	Horizontal	Producing
100.14-22-009-28W1.02	Vertical	Commingled
100.01-26-009-28W1.00	Horizontal	Producing
100.08-26-009-28W1.00	Horizontal	Producing
102.09-26-009-28W1.00	Horizontal	Producing
100.13-26-009-28W1.02	Vertical	Abandoned Zone
102.16-26-009-28W1.00	Horizontal	Producing
100.03-27-009-28W1.02	Vertical	Pumping
100.04-27-009-28W1.00	Horizontal	Producing
100.05-27-009-28W1.00	Horizontal	Producing
100.07-27-009-28W1.02	Vertical	Abandoned Zone
100.12-27-009-28W1.00	Horizontal	Producing
100.13-27-009-28W1.00	Horizontal	Producing
102.02-28-009-28W1.02	Vertical	Abandoned Zone
102.05-28-009-28W1.00	Horizontal	Producing
100.12-28-009-28W1.02	Vertical	Pumping
102.12-28-009-28W1.00	Horizontal	Producing
102.13-28-009-28W1.00	Horizontal	Producing
100.01-33-009-28W1.02	Vertical	Producing
100.02-33-009-28W1.02	Vertical	Commingled
100.03-33-009-28W1.02	Vertical	Producing
102.06-33-009-28W1.02	Vertical	Commingled
100.08-33-009-28W1.02	Vertical	Producing
100.04-34-009-28W1.00	Horizontal	Producing
100.05-34-009-28W1.00	Horizontal	Producing