

SINCLAIR UNIT NO. 22

Waterflood Progress Report 2020

Prepared for:

Manitoba Industry, Economic Development and Mines

Petroleum Branch

Prepared by:



TUNDRA OIL & GAS

Date: 2021-12-01

Introduction

Sinclair Unit No. 22 Enhanced Oil Recovery (EOR) Waterflood Project was approved effective October 1, 2020 with Tundra Oil and Gas as Operator. The EOR project is in the Bakken-Torquay formation covering the area in Township 7, Range 29: LSDs 1-2, 7-10, 15-16 of Section 20, LSDs 3-6, 11-14 of Section 21, Section 29 and LSDs 1-8 of Section 32. The Unit contains 17 wells. 17 producers, 0 injectors, and 0 abandoned/suspended/other.

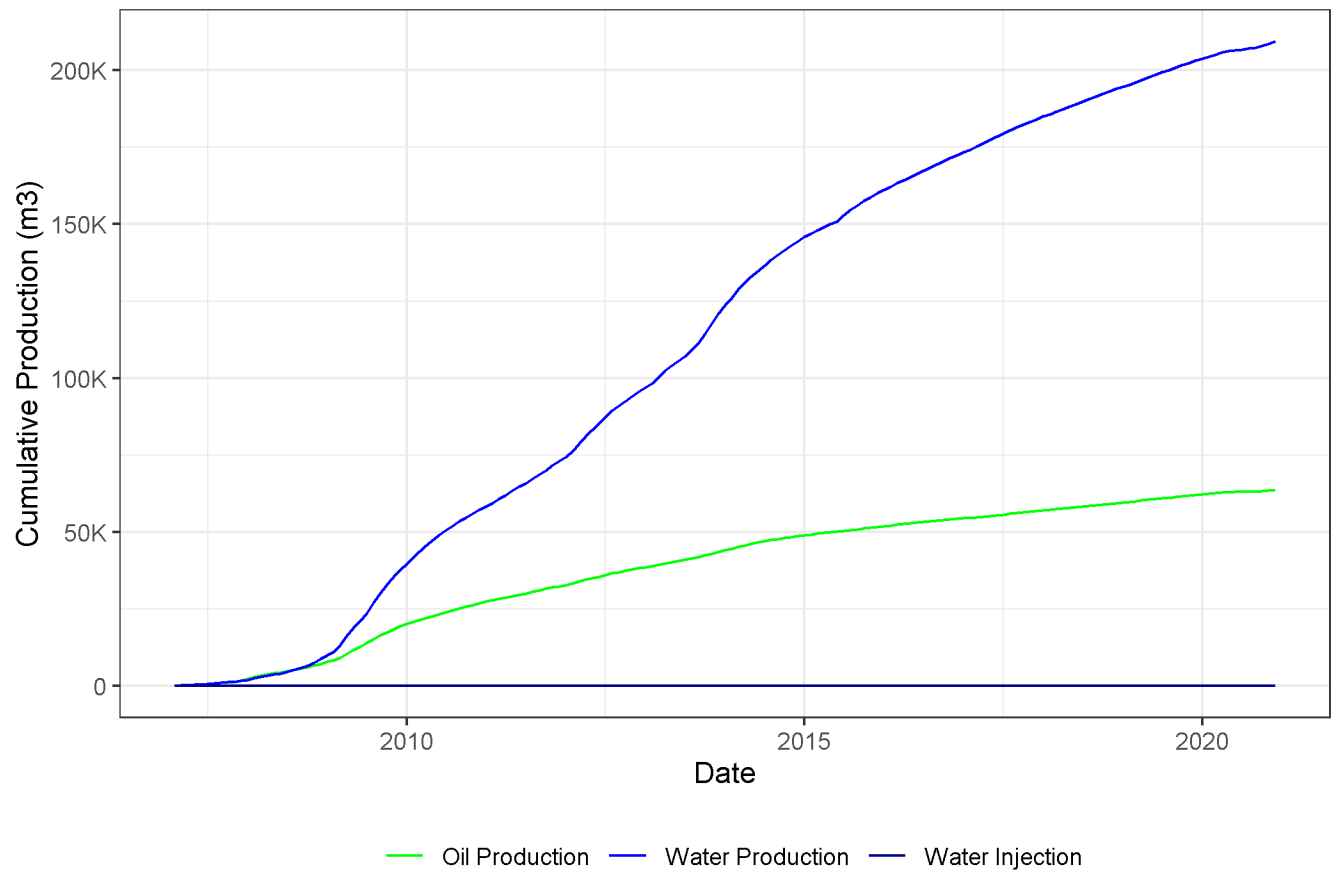
Monthly oil and water production rates, injection rate, GOR and WOR

MONTH	Cal Day Oil m3/d	Cal Day Water m3/d	Cal Day Injection m3/d	WOR	GOR
JAN 2020	6.97	20.86	0	2.99	0
FEB 2020	7.29	22.65	0	3.11	0
MAR 2020	7.13	24.09	0	3.38	0
APR 2020	6.75	23.33	0	3.46	0
MAY 2020	3.88	15.10	0	3.89	0
JUN 2020	1.29	6.16	0	4.78	0
JUL 2020	1.23	7.96	0	6.47	0
AUG 2020	1.70	11.49	0	6.76	0
SEP 2020	2.61	11.22	0	4.30	0
OCT 2020	4.78	17.95	0	3.76	0
NOV 2020	4.88	20.86	0	4.27	0
DEC 2020	6.21	23.28	0	3.75	0
Average	4.56	17.08	0		

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

Categories	m3
Oil Production	1,665
Water Production	6,246
Gas Production	0
Water Injection	0
Cumulative Oil	63,670
Cumulative Water	209,323
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
100.01-20-007-29W1.00	Horizontal	Producing
100.02-20-007-29W1.00	Horizontal	Producing
100.16-20-007-29W1.00	Vertical	Producing
100.06-21-007-29W1.00	Vertical	Producing
100.11-21-007-29W1.00	Vertical	Producing
100.12-21-007-29W1.00	Vertical	Producing
100.13-21-007-29W1.00	Vertical	Producing
100.14-21-007-29W1.00	Vertical	Producing
100.08-29-007-29W1.00	Vertical	Producing
100.09-29-007-29W1.00	Vertical	Producing
100.13-29-007-29W1.00	Horizontal	Producing
102.13-29-007-29W1.00	Horizontal	Producing
100.14-29-007-29W1.00	Horizontal	Producing
100.15-29-007-29W1.00	Horizontal	Producing
100.04-32-007-29W1.00	Horizontal	Producing
100.05-32-007-29W1.00	Horizontal	Producing
100.08-32-007-29W1.00	Vertical	Producing