

**Virden Roselea Unit No. 1**  
**2020 Annual EOR Report**

## **Executive Summary**

In 2020, oil production in Virden Roselea Unit No. 1 (VRU #1) was 37.4 m<sup>3</sup>/d (235 bbl/d) totaling 13.7 e<sup>3</sup>m<sup>3</sup> (86.1 mmbbl). Annual production declined by 11.9% from 2019 to 2020, using yearly averages. Comparing December 2019 to December 2020 the production declined by 10%. By the end of 2020 cumulative oil production from the VRU #1 was 3,089 e<sup>3</sup>m<sup>3</sup> (19.4 mmbbl). The original forecasted recovery was 845 e<sup>3</sup>m<sup>3</sup> (5.3 mmbbl) on primary recovery and 2,300 e<sup>3</sup>m<sup>3</sup> (14.4 mmbbl) total primary plus secondary recovery.

In December 2020 there were 48 producing oil wells and 8 water injectors active in the unit. In 2014, three horizontal Scallion wells were drilled in the unit and three horizontal Virden wells were also drilled. In 2015, only one well was drilled in the Virden formation. In 2016, two wells were drilled in the Virden formation and some existing Scallion horizontals were perforated in the Oolites. In 2017, three dual leg horizontal wells were drilled within the unit. In 2018, one Oolite dual leg well and one Scallion/Oolite dual leg well were drilled. In 2019 no wells were drilled in the unit, but two wells were converted to injection. In 2020, no wells were drilled in the unit.

## Discussion

The VRU #1 has been under waterflood since 1965, 11 years after initial production in 1954. Water injection increased the oil production rate from  $\sim 125 \text{ m}^3/\text{d}$  (786 bbl/d) just prior to injection to  $\sim 250 \text{ m}^3/\text{d}$  ( $\sim 1,570 \text{ bbl/d}$ ), equivalent to peak production from the field. Expected ultimate oil recovery was increased by 2.5 – 3 times due to the waterflood. Due to this there are areas in the unit that have a higher recovery than what is seen in the other Roselea units, and overall, the unit has a higher recovery.

Horizontal drilling has offset the production decline over the last decade. In 2014, an additional three Scallion horizontals and three Virden horizontals were drilled in this unit with variable results. In 2015, one Virden horizontal was drilled and in 2016 another two Virden wells were drilled. In 2017, three dual leg horizontal wells were drilled. In 2018, one Oolite dual leg well and one Scallion/Oolite dual leg well were drilled. In 2019 and 2020 no wells were drilled within the unit.

In this unit it appears as if there may be a preferential orientation for fluid flow, as in large portions of the unit the wells offsetting injectors in the E-W direction were generally more successful than the adjacent producers to the North and South. The majority of the horizontals are aligned in an E-W orientation and the unit outline may support implementing an E-W line drive; technical work has yet to be conducted. The water injection rate was  $1,537 \text{ m}^3/\text{d}$  (9,667 bbl/d) in 2020 and the producing WOR was  $27.6 \text{ m}^3/\text{m}^3$ . The injected water at VRU #1 is not filtered or treated in any way.

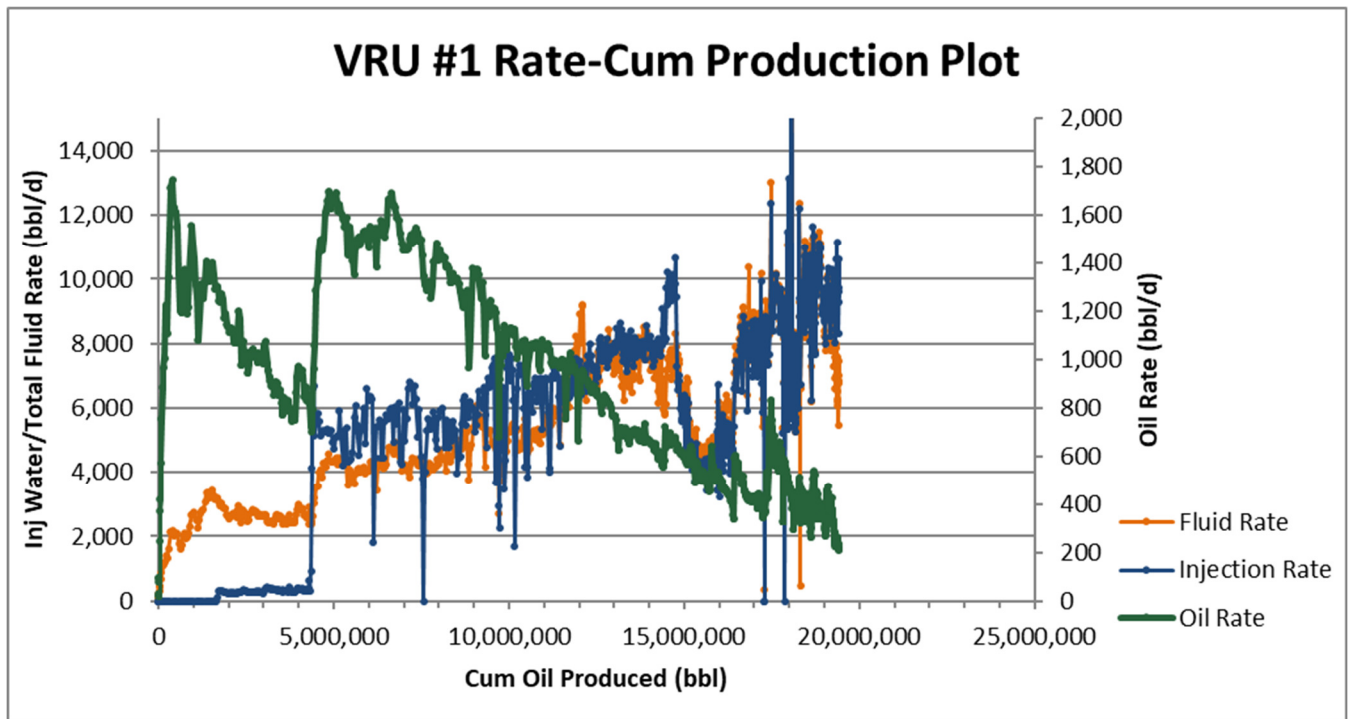
Significant events in 2020 are as follows:

- March 2020, abandon the 104/08-30-010-25W1/00 injection well.
- September 2020, perform a polymer squeeze on the 100/01-36-010-26W1/00 vertical injection well.

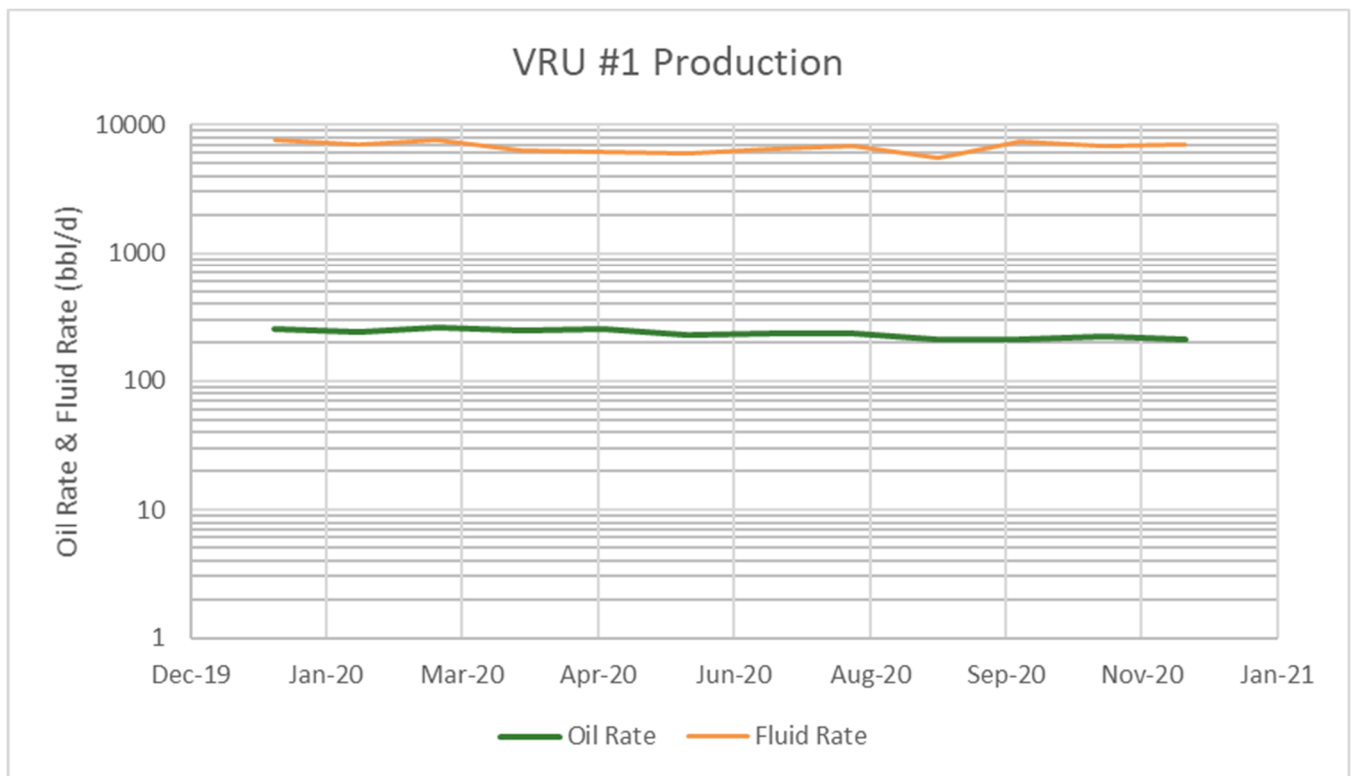
In the composite rate – cumulative oil plot below, waterflood response is clearly demonstrated at a cumulative oil production of  $650 \text{ e}^3\text{m}^3$  (4 MMbbl).

Detailed production, injection, voidage tables and plots for the total unit and each injection pattern are at the end of this report.

## VRU #1 – Rate vs Cumulative Oil Production



## VRU #1 – Rate vs Time



## 2020 Reservoir Pressure Surveys

Unit	UWI	License	Test Type	Date of Pressure	Duration of SI (days)	Datum BHP (kPaa)
VRU #1	102/14-20-010-25W1/00	10964	BH BU	2018-11-13	4	7,572
VRU #1	103/12-23-010-26W1/00	10952	BH BU	2018-08-14	8	4,090

No pressures were recorded in 2020, the last pressure survey was conducted in 2018, two pressures were taken on new drilled open hole wells. In one, a higher pressure than expected was observed, due to historical injection in the area and the second pressure recorded makes sense given the historical production and drainage in the area. In 2017, twenty-two pressures were taken in the unit, giving an average reservoir pressure of 7,000 kPa. This is similar to previous years, where, in 2014, there were nine reservoir pressures recorded averaging 7,200 kPaa. As with most of the Virden units there is a large range in pressure. The initial reservoir pressure is estimated at 6,340 kPaa and the bubble point pressure as 1,273 kPaa. Many of the pressures recorded in 2017 seem to be reasonable and were taken on wells that had been shut in for a long period of time, and so are assumed to be stable. Only three pressures were recorded on newly drilled wells.

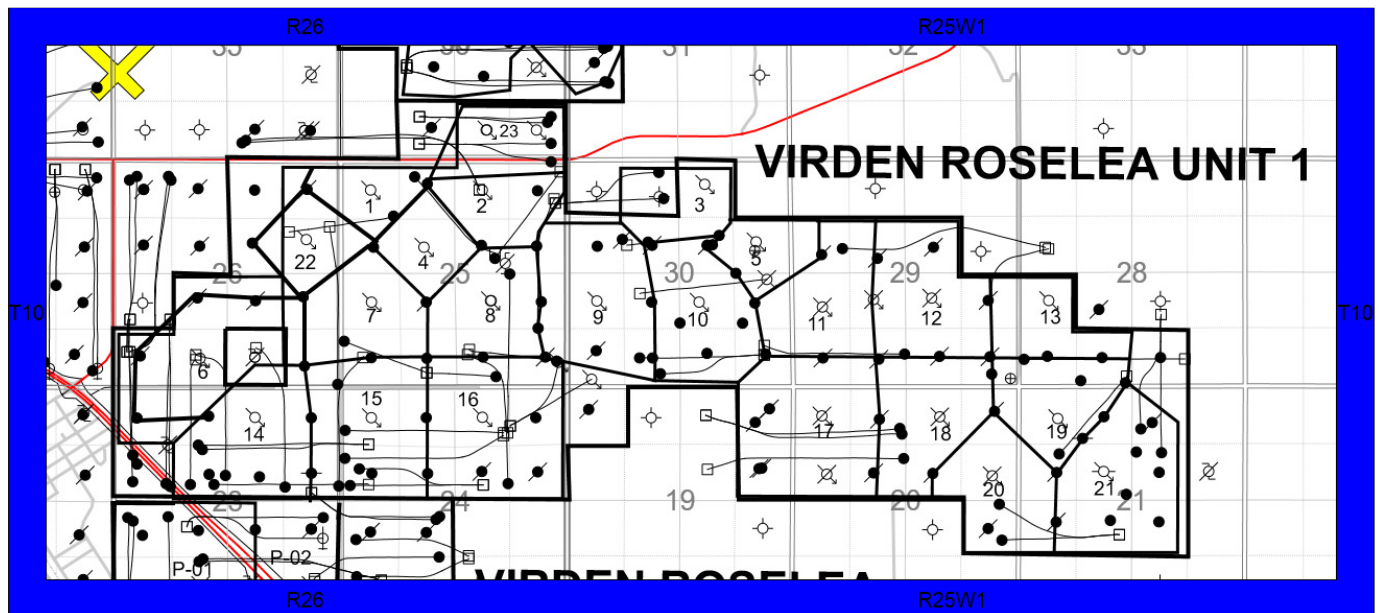
The voidage replacement ratio (VRR) in 2020 ranged from 1.25 to 1.57. The cumulative VRR at the end of 2020 was 0.98. An oil formation volume factor of  $1.06 \text{ rm}^3/\text{sm}^3$  and a water formation volume factor of  $1.04 \text{ rm}^3/\text{sm}^3$  were used in the VRR calculations.

There may be some partial pressure support for the field from an aquifer on the west side of the unit. This water influx from the aquifer is not accounted for in the VRR calculation.

## 2020 Well Servicing

UWI	Unit	Licence	Start Date	Job Category	Primary Job Type
102/14-23-010-26W1/00	VRU#1	10691	2020-02-13 7:00	Completion/Workover	Pump Repair
104/08-30-010-25W1/00	VRU#1	005124	2020-03-01 9:11	Facilities	Reclamation
16-25-10-26W1 to 10-25-10-26W1 FLOWLINE REPLACEMENT	VRU#1	P20VIR005	2020-03-01 11:53	Facilities	Pipeline / Flowline Replacement
104/08-30-010-25W1/00	VRU#1	005124	2020-03-10 7:30	Abandon	Abandon Well
EM SURVEYS - VRU1	VRU#1	R20VIR003	2020-04-01 9:11	Facilities	Remediation
TURNAROUND - 12-30-10-25 BATTERY	VRU#1	T20VIR003	2020-05-25 8:00	Facilities	Turnaround
102/01-36-010-26W1/00	VRU#1	10715	2020-06-08 7:30	Completion/Workover	Pump Repair
102/14-25-010-26W1/00	VRU#1	6230	2020-06-16 13:00	Completion/Workover	Pump Repair
100/08-30-010-25W1/00	VRU#1	001053	2020-06-18 10:30	Completion/Workover	Inhibitor Squeeze
100/02-36-010-26W1/00	VRU#1	000795	2020-07-13 10:30	Completion/Workover	Tubing Repair
100/07-30-010-25W1/00	VRU#1	000737	2020-07-14 10:30	Completion/Workover	Packer Repair
100/03-26-010-26W1/00	VRU#1	000797	2020-07-22 7:30	Completion/Workover	Packer Repair
102/14-20-010-25W1/00	VRU#1	10964	2020-08-17 7:30	Completion/Workover	Pump Repair
100/01-36-010-26W1/00	VRU#1	001536	2020-09-09 8:00	Completion/Workover	Polymer Squeeze
IN LINE INSPECTION - 09-23-10-26	VRU#1	RM20VIR010	2020-10-07 0:00	Facilities	In Line Inspection
GROUDWATER RECOVERY - 01-29-10-25	VRU#1	R20VIR005	2020-10-08 20:20	Facilities	Remediation
PHASE 2 SITE ASSESSMENT - 10-25-10-26	VRU#1	R20VIR009	2020-11-05 10:09	Facilities	Remediation
103/12-23-010-26W1/00	VRU#1	10952	2020-12-21 7:30	Completion/Workover	Pump Repair

## VRU #1 Waterflood Pattern Map



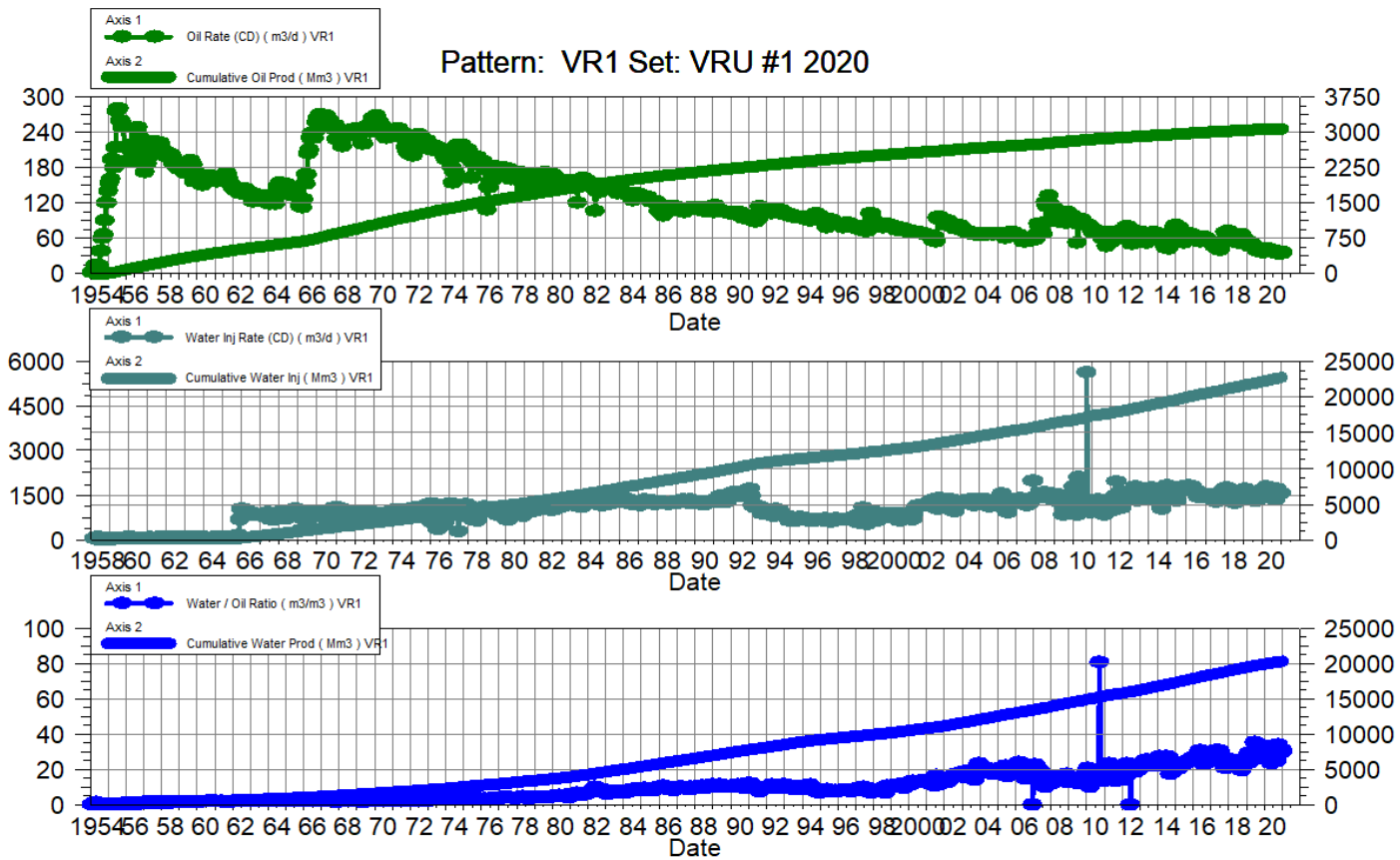
## VRU #1 Waterflood Pattern Table

Pattern	Injection Well
P-01	100/13-25-010-26W1/00
P-02	100/15-25-010-26W1/00
P-03	100/15-30-010-25W1/00
P-04	100/11-25-010-26W1/00
P-05	100/09-30-010-25W1/00
P-06	100/03-26-010-26W1/00
P-07	100/05-25-010-26W1/00
P-08	100/07-25-010-26W1/00
P-09	100/05-30-010-25W1/00, 103/01-25-010-26W1/00
P-10	100/07-30-010-25W1/00, 104/08-30-010-25W1/00
P-11	100/05-29-010-25W1/00
P-12	100/06-29-010-25W1/00
P-12	100/07-29-010-25W1/00
P-13	100/05-28-010-25W1/00
P-14	100/15-23-010-26W1/00
P-15	100/13-24-010-26W1/00
P-16	100/15-24-010-26W1/00
P-16	103/01-25-010-26W1/00
P-19	100/13-21-010-25W1/00
P-21	100/11-21-010-25W1/00
P-22	100/09-26-010-26W1/00
P-23	100/01-36-010-26W1/00, 100/02-36-010-26W1/00



# Total for VRU #1

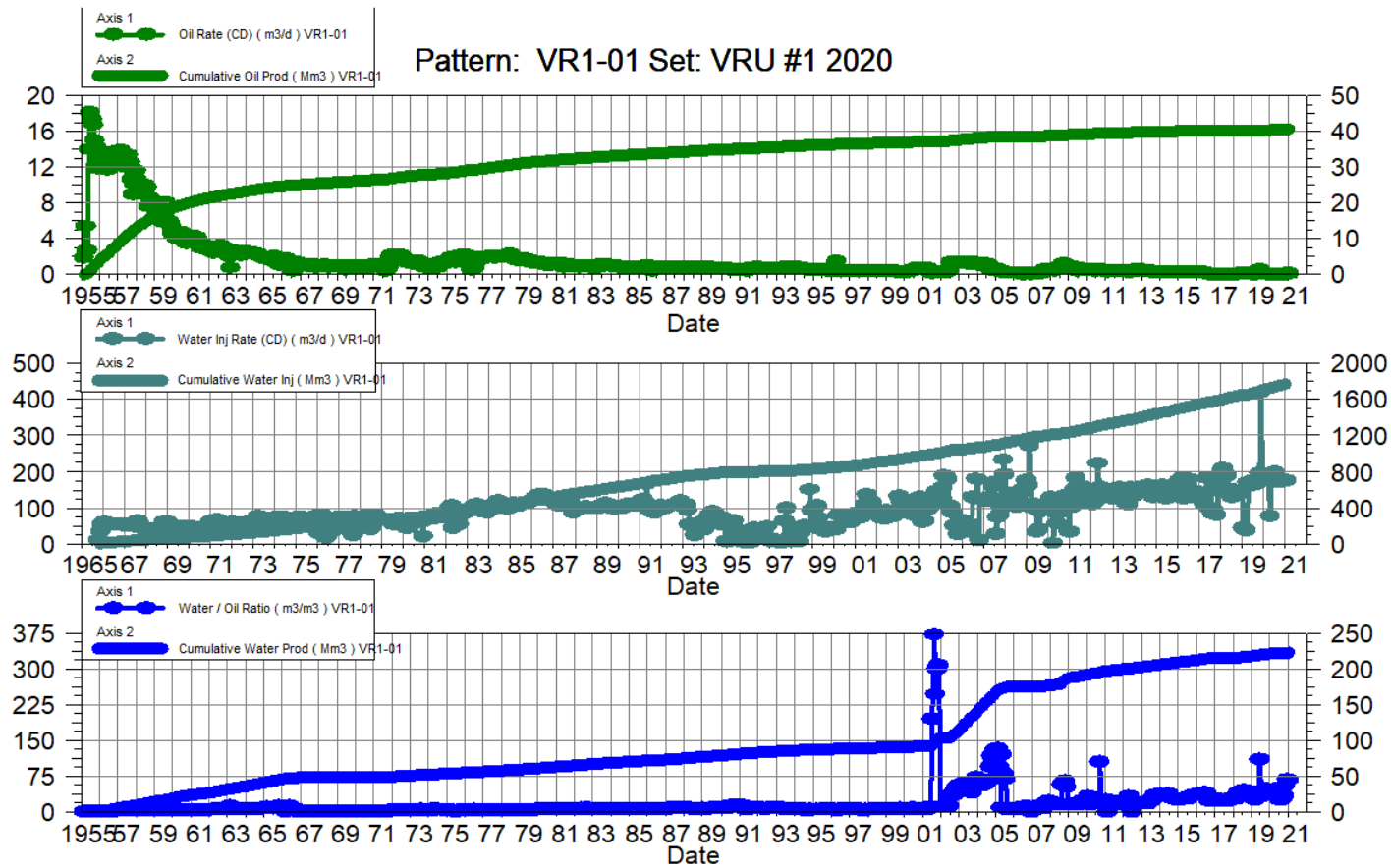
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	40.44	3075.12	1171.04	19888.83	1518.26	22335.19	28.96	1.25	0.97	6,391.00
2-29-2020	38.52	3076.24	1072.93	19919.95	1564.38	22380.56	27.85	1.41	0.97	6,391.00
3-31-2020	41.83	3077.54	1160.15	19955.91	1775.19	22435.59	27.74	1.48	0.97	6,391.00
4-30-2020	39.55	3078.72	961.55	19984.76	1526.53	22481.38	24.31	1.52	0.97	6,391.00
5-31-2020	40.86	3079.99	944.25	20014.03	1501.13	22527.92	23.11	1.52	0.97	6,391.00
6-30-2020	35.93	3081.07	928.54	20041.88	1513.30	22573.32	25.85	1.57	0.97	6,391.00
7-31-2020	37.70	3082.24	997.79	20072.82	1476.55	22619.09	26.47	1.43	0.97	6,391.00
8-31-2020	37.76	3083.41	1036.20	20104.94	1477.90	22664.91	27.44	1.38	0.98	5,590.70
9-30-2020	33.82	3084.42	836.46	20130.03	1319.90	22704.50	24.73	1.52	0.98	6,589.96
10-31-2020	33.82	3085.47	1150.49	20165.70	1691.58	22756.94	34.02	1.43	0.98	6,589.96
11-30-2020	35.04	3086.52	1051.51	20197.24	1527.40	22802.76	30.01	1.41	0.98	6,589.96
12-31-2020	33.66	3087.56	1041.98	20229.54	1549.84	22850.81	30.95	1.44	0.98	6,589.96



# VRU No. 1

## Pattern P-01 - 00/13-25-010-26W1/0

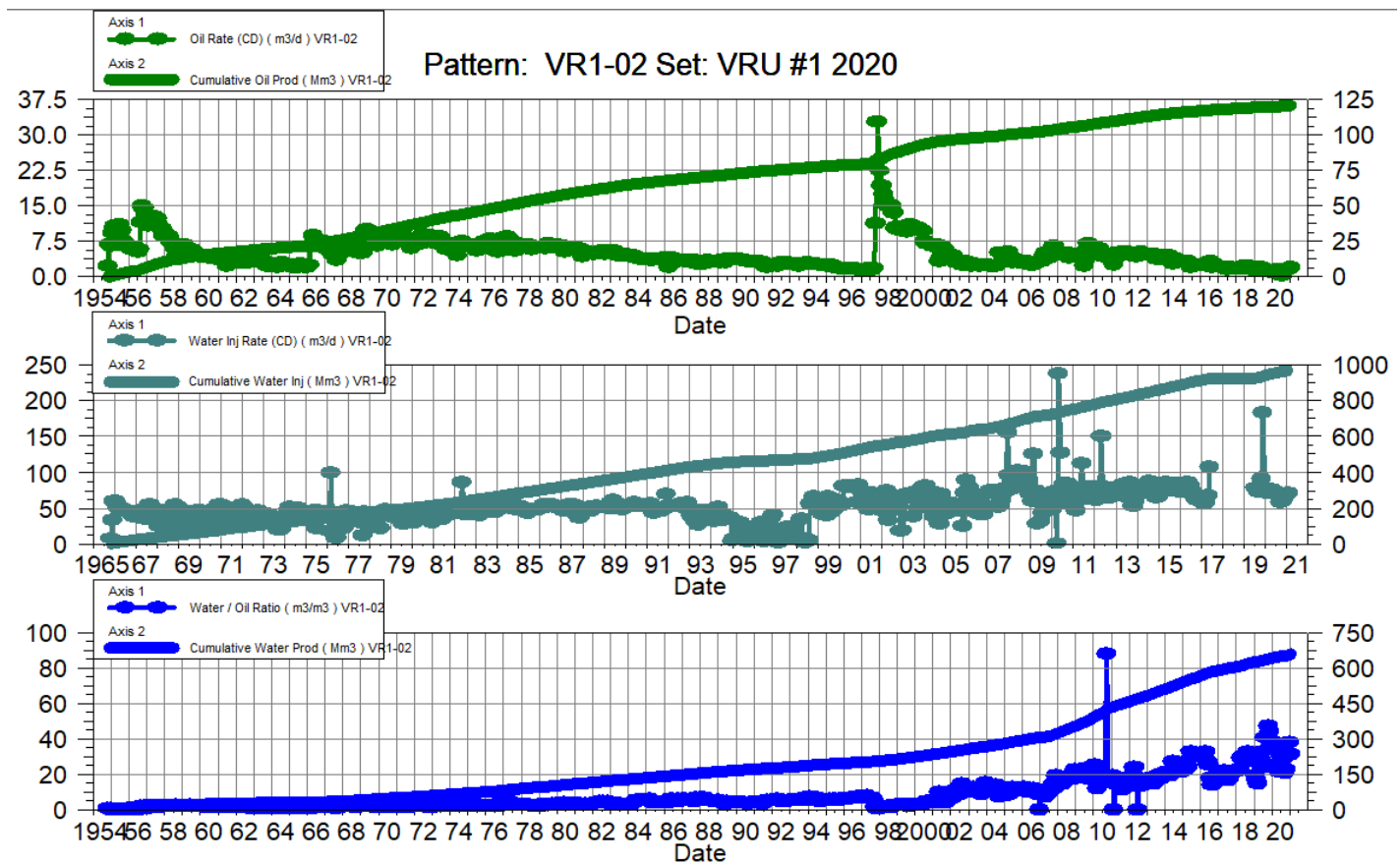
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.10	40.54	4.42	220.63	174.45	1719.72	43.69	38.54	6.57	4,950.00
2-29-2020	0.09	40.55	4.12	220.75	177.97	1724.88	43.86	42.25	6.58	4,950.00
3-31-2020	0.10	40.55	4.56	220.89	180.23	1730.47	47.91	38.68	6.60	4,950.00
4-30-2020	0.09	40.55	4.07	221.01	76.13	1732.76	44.18	18.27	6.61	4,950.00
5-31-2020	0.11	40.56	3.81	221.13	186.39	1738.53	35.55	47.53	6.62	4,950.00
6-30-2020	0.08	40.56	3.95	221.25	185.03	1744.08	50.22	45.93	6.64	4,950.00
7-31-2020	0.07	40.56	1.66	221.30	199.65	1750.27	24.20	115.14	6.66	4,950.00
8-31-2020	0.07	40.56	1.75	221.35	180.52	1755.87	25.42	99.31	6.68	5,003.13
9-30-2020	0.07	40.56	1.72	221.40	170.23	1760.98	26.22	95.43	6.70	6,597.00
10-31-2020	0.06	40.57	2.01	221.47	171.52	1766.29	31.78	82.51	6.72	6,597.00
11-30-2020	0.09	40.57	4.92	221.61	171.03	1771.42	54.14	34.10	6.74	6,597.00
12-31-2020	0.15	40.57	10.01	221.93	173.75	1776.81	68.57	17.11	6.75	6,597.00



# VRU No. 1

## Pattern P-02 - 00/15-25-010-26W1/0

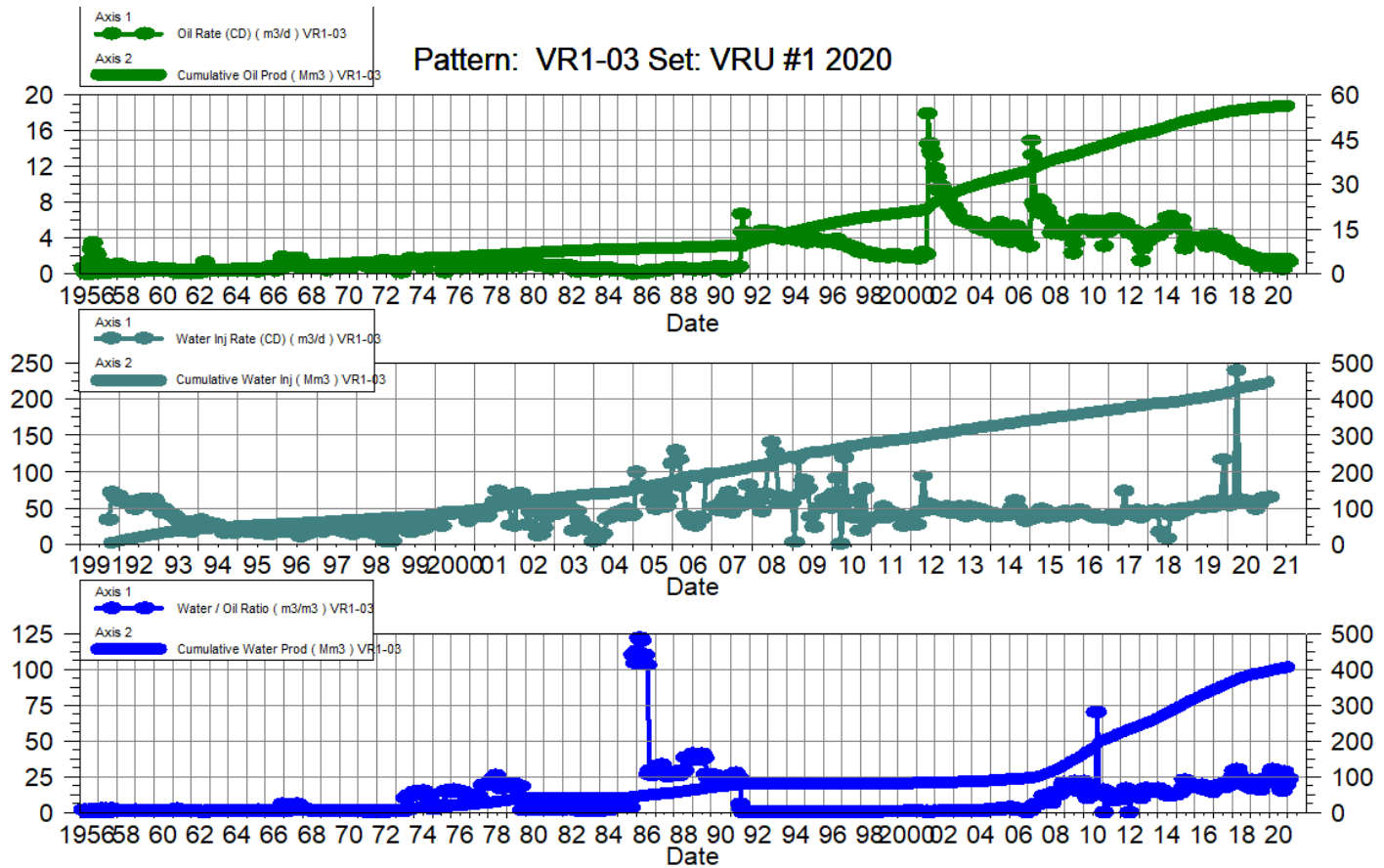
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	1.39	120.29	51.56	641.36	71.39	949.46	37.11	1.35	1.24	7,300.00
2-29-2020	1.37	120.33	51.52	642.85	74.03	951.61	37.68	1.40	1.24	7,300.00
3-31-2020	1.49	120.38	52.85	644.49	75.65	953.95	35.52	1.39	1.24	7,300.00
4-30-2020	1.51	120.42	37.67	645.62	76.13	956.23	25.00	1.94	1.25	7,300.00
5-31-2020	1.51	120.47	32.46	646.63	73.71	958.52	21.44	2.17	1.25	7,300.00
6-30-2020	1.08	120.50	33.60	647.64	73.47	960.72	31.06	2.12	1.25	7,300.00
7-31-2020	0.29	120.51	8.16	647.89	70.19	962.90	28.07	8.30	1.25	7,300.00
8-31-2020	1.34	120.55	29.54	648.81	65.55	964.93	22.12	2.12	1.25	7,289.00
9-30-2020	1.45	120.60	30.01	649.71	57.77	966.66	20.69	1.84	1.25	6,959.00
10-31-2020	1.46	120.64	32.75	650.72	59.87	968.52	22.51	1.75	1.25	6,959.00
11-30-2020	1.44	120.69	43.80	652.04	62.37	970.39	30.41	1.38	1.25	6,959.00
12-31-2020	1.76	120.74	66.87	654.11	67.42	972.48	38.06	0.98	1.25	6,959.00



# VRU No. 1

## Pattern P-03 - 00/15-30-010-25W1/0

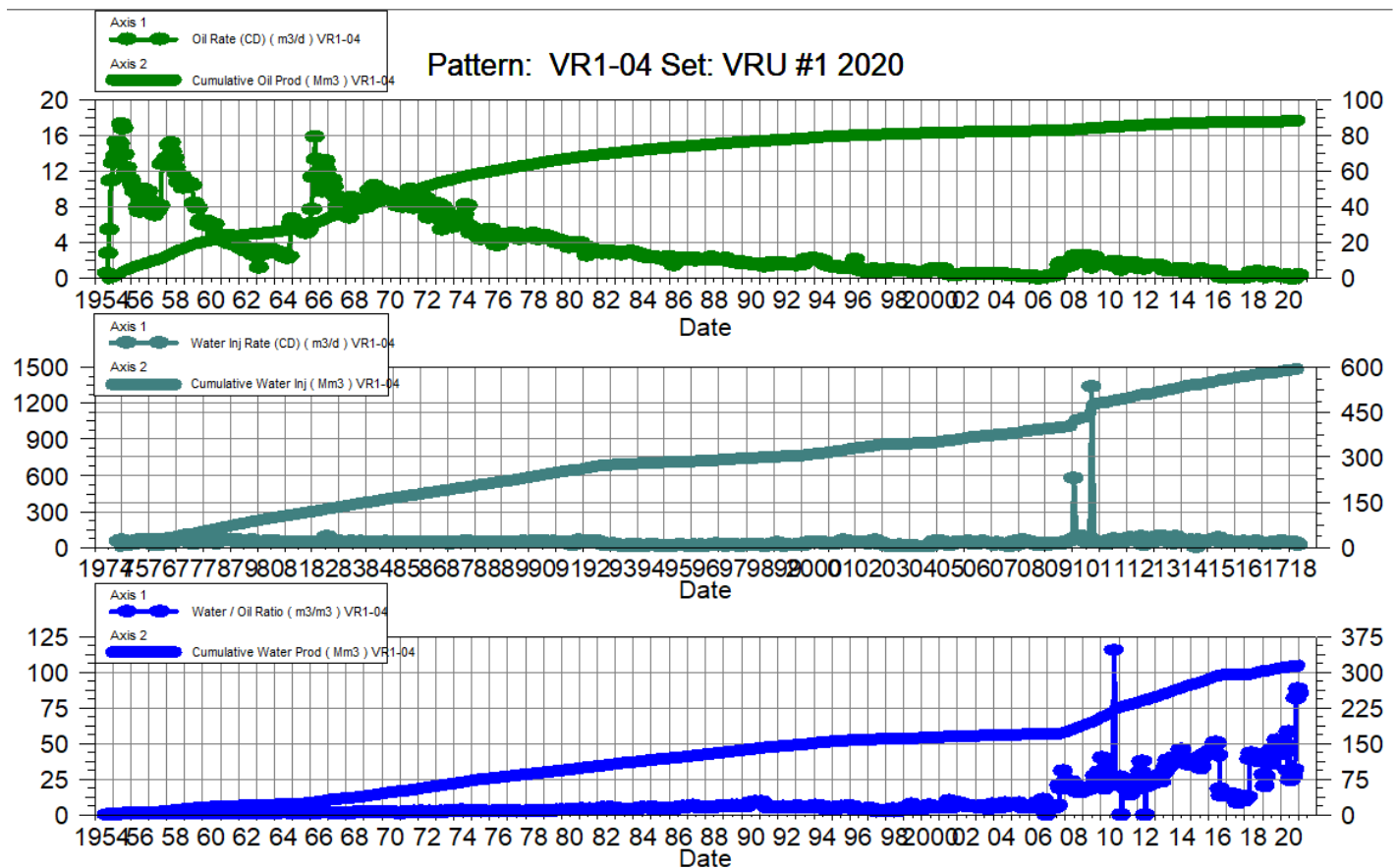
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	1.66	56.14	35.21	395.47	52.61	422.97	21.21	1.43	0.93	6,900.00
2-29-2020	1.43	56.18	37.72	396.56	57.10	424.63	26.35	1.46	0.94	6,900.00
3-31-2020	1.35	56.22	40.37	397.82	240.87	432.09	29.91	5.77	0.95	6,900.00
4-30-2020	0.83	56.25	20.27	398.42	60.87	433.92	24.30	2.88	0.95	6,900.00
5-31-2020	1.64	56.30	33.61	399.47	57.87	435.71	20.49	1.64	0.95	6,900.00
6-30-2020	1.18	56.33	30.97	400.39	59.50	437.50	26.25	1.85	0.96	6,900.00
7-31-2020	0.73	56.35	13.76	400.82	55.52	439.22	18.81	3.83	0.96	6,900.00
8-31-2020	1.51	56.40	30.85	401.78	56.58	440.97	20.38	1.75	0.96	6,927.10
9-30-2020	0.61	56.42	8.96	402.05	47.67	442.40	14.67	4.97	0.96	7,740.00
10-31-2020	1.54	56.47	43.62	403.40	54.87	444.10	28.24	1.21	0.96	7,740.00
11-30-2020	1.64	56.52	34.72	404.44	62.03	445.96	21.13	1.70	0.97	7,740.00
12-31-2020	1.60	56.57	30.02	405.37	62.58	447.90	18.74	1.98	0.97	7,740.00



# VRU No. 1

## Pattern P-04 - 00/11-25-010-26W1/0

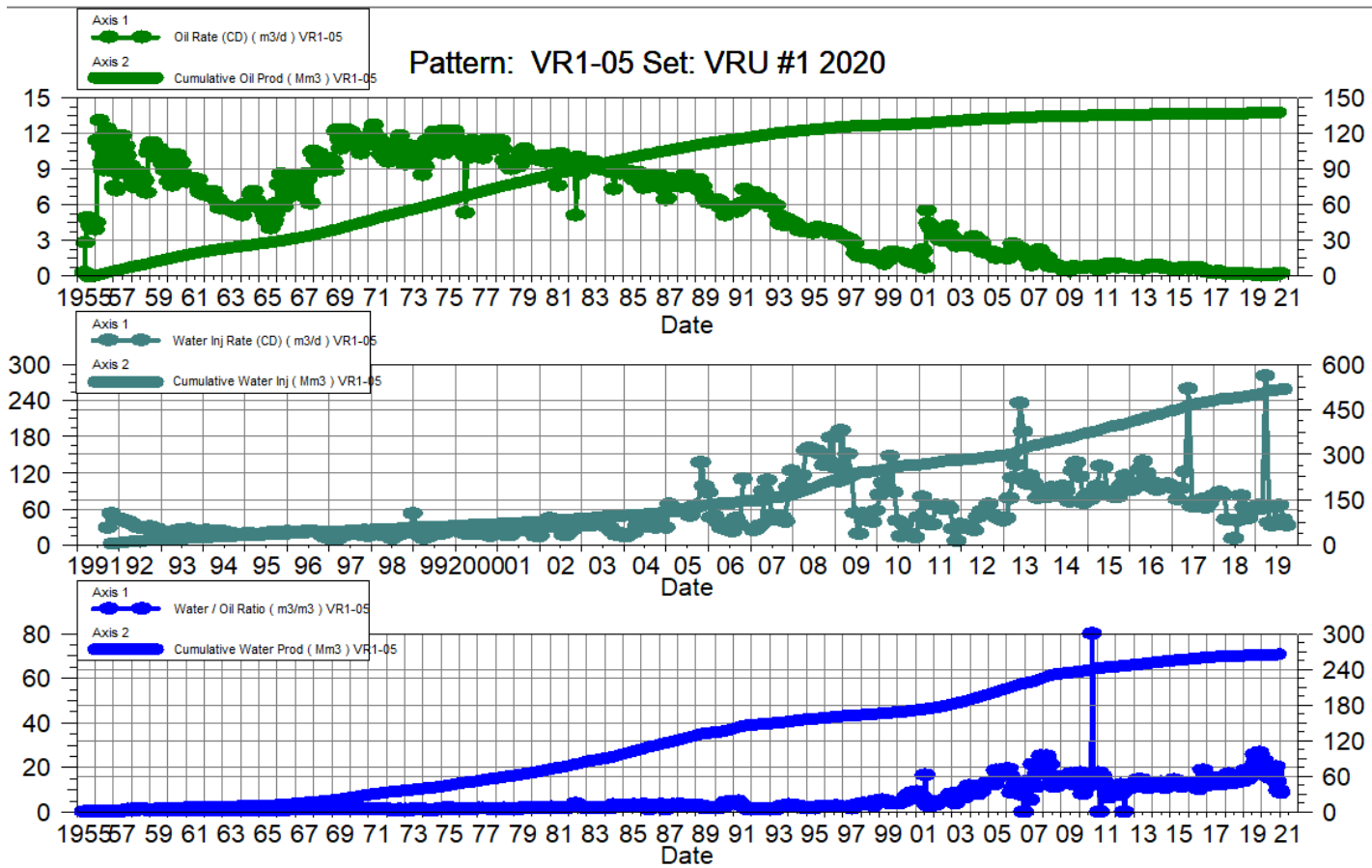
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.36	88.40	15.23	308.71		597.26	42.06		1.50	6,400.00
2-29-2020	0.32	88.41	14.25	309.12		597.26	45.05		1.50	6,400.00
3-31-2020	0.32	88.42	15.79	309.61		597.26	49.17		1.49	6,400.00
4-30-2020	0.32	88.43	14.10	310.04		597.26	43.69		1.49	6,400.00
5-31-2020	0.38	88.44	11.94	310.41		597.26	31.15		1.49	6,400.00
6-30-2020	0.21	88.45	12.06	310.77		597.26	58.35		1.49	6,400.00
7-31-2020	0.07	88.45	1.66	310.82		597.26	24.20		1.49	6,400.00
8-31-2020	0.07	88.45	1.75	310.87		597.26	25.42		1.49	6,400.00
9-30-2020	0.07	88.45	1.72	310.92		597.26	26.22		1.49	6,400.00
10-31-2020	0.06	88.45	2.01	310.99		597.26	31.78		1.49	6,400.00
11-30-2020	0.20	88.46	16.18	311.47		597.26	81.15		1.49	6,400.00
12-31-2020	0.45	88.47	39.34	312.69		597.26	88.14		1.48	6,400.00



# VRU No. 1

## Pattern P-05 - 00/09-30-010-25W1/0

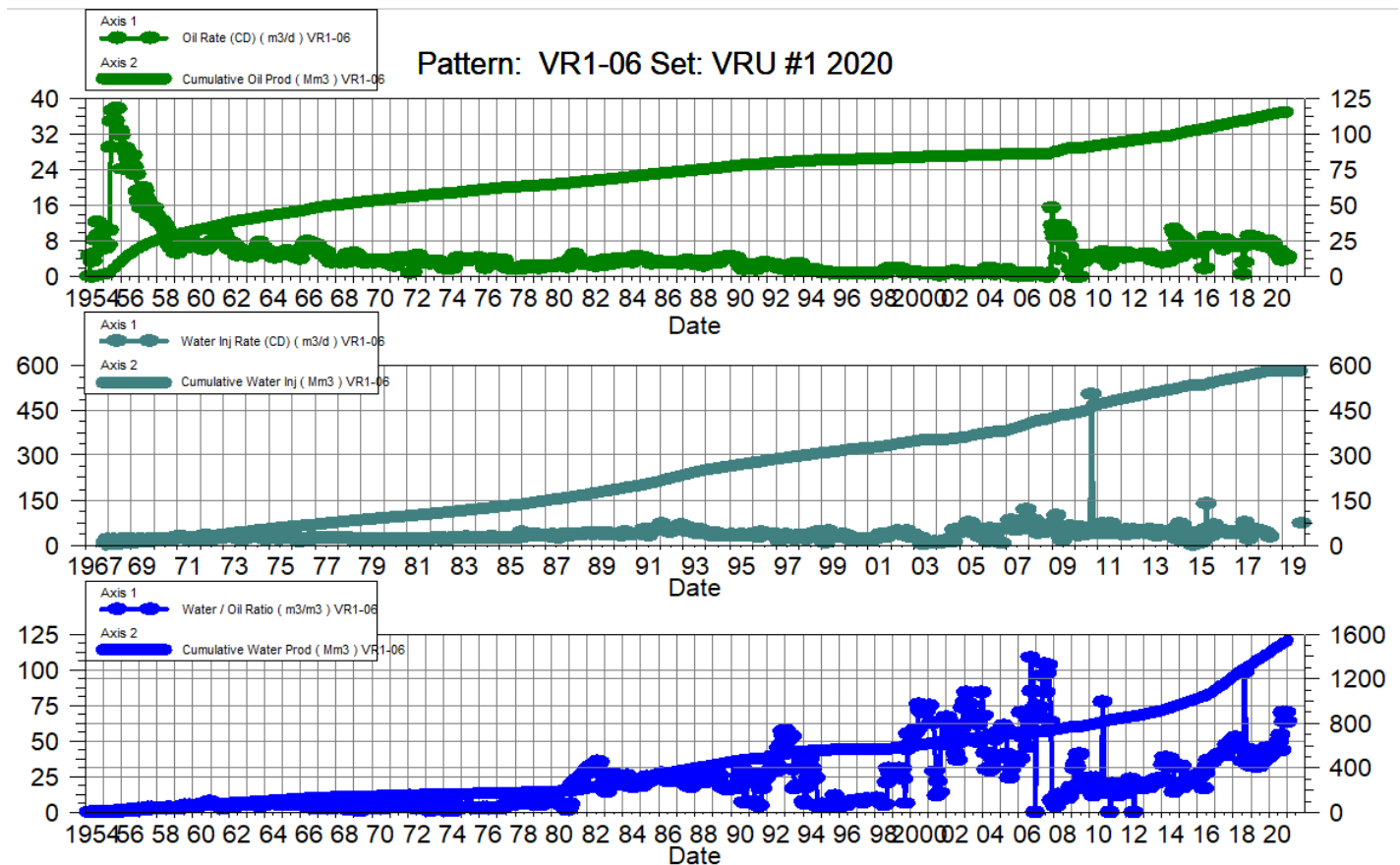
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.14	137.66	3.12	263.70		522.89	22.87		1.29	7,370.00
2-29-2020	0.13	137.66	2.90	263.79		522.89	22.93		1.29	7,370.00
3-31-2020	0.13	137.67	2.49	263.86		522.89	19.89		1.29	7,370.00
4-30-2020	0.13	137.67	2.10	263.93		522.89	16.73		1.29	7,370.00
5-31-2020	0.13	137.67	2.05	263.99		522.89	15.66		1.29	7,370.00
6-30-2020	0.12	137.68	2.20	264.06		522.89	18.16		1.29	7,370.00
7-31-2020	0.14	137.68	2.18	264.12		522.89	15.08		1.29	7,370.00
8-31-2020	0.16	137.69	2.59	264.20		522.89	16.27		1.29	7,370.00
9-30-2020	0.16	137.69	2.69	264.29		522.89	16.86		1.29	7,370.00
10-31-2020	0.15	137.70	3.16	264.38		522.89	20.49		1.29	7,370.00
11-30-2020	0.19	137.70	2.58	264.46		522.89	13.44		1.29	7,370.00
12-31-2020	0.24	137.71	2.23	264.53		522.89	9.49		1.29	7,370.00



# VRU No. 1

## Pattern P-06 - 00/03-26-010-26W1/0

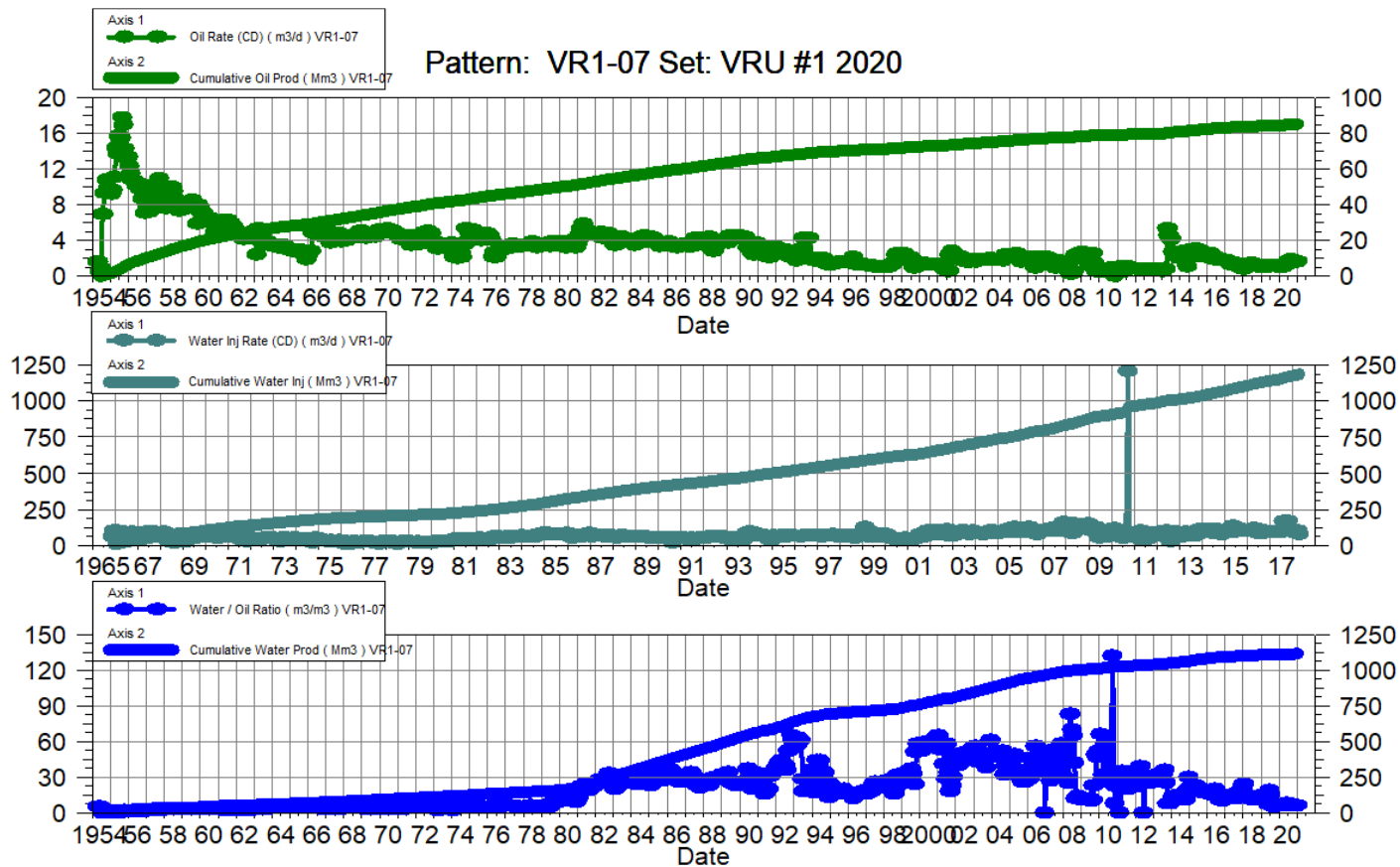
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	8.14	114.17	320.46	1440.50		587.25	39.35		0.38	4,850.00
2-29-2020	7.53	114.38	297.75	1449.13		587.25	39.52		0.38	4,850.00
3-31-2020	7.58	114.62	330.14	1459.37		587.25	43.58		0.37	4,850.00
4-30-2020	6.10	114.80	268.58	1467.43		587.25	44.03		0.37	4,850.00
5-31-2020	6.24	115.00	268.01	1475.73		587.25	42.94		0.37	4,850.00
6-30-2020	5.46	115.16	249.76	1483.23		587.25	45.70		0.37	4,850.00
7-31-2020	6.05	115.35	298.58	1492.48		587.25	49.37		0.37	4,850.00
8-31-2020	5.61	115.52	302.93	1501.87		587.25	54.01		0.36	4,850.00
9-30-2020	3.71	115.63	160.61	1506.69		587.25	43.31		0.36	4,850.00
10-31-2020	4.93	115.79	345.21	1517.39		587.25	70.01		0.36	4,850.00
11-30-2020	4.71	115.93	297.15	1526.31		587.25	63.14		0.36	4,850.00
12-31-2020	4.09	116.05	284.39	1535.12		587.25	69.50		0.36	4,850.00



# VRU No. 1

## Pattern P-07 - 00/05-25-010-26W1/0

Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	1.28	84.95	7.40	1107.25		1192.78	5.79		1.00	6,200.00
2-29-2020	1.14	84.98	6.88	1107.44		1192.78	6.05		1.00	6,200.00
3-31-2020	1.17	85.02	7.63	1107.68		1192.78	6.54		1.00	6,200.00
4-30-2020	1.15	85.05	8.56	1107.94		1192.78	7.44		1.00	6,200.00
5-31-2020	1.35	85.09	10.57	1108.27		1192.78	7.85		1.00	6,200.00
6-30-2020	1.35	85.13	11.03	1108.60		1192.78	8.15		1.00	6,200.00
7-31-2020	1.72	85.19	11.37	1108.95		1192.78	6.61		1.00	6,200.00
8-31-2020	1.90	85.25	11.72	1109.31		1192.78	6.16		1.00	6,200.00
9-30-2020	1.84	85.30	11.30	1109.65		1192.78	6.16		1.00	6,200.00
10-31-2020	1.78	85.36	13.22	1110.06		1192.78	7.44		1.00	6,200.00
11-30-2020	1.72	85.41	11.08	1110.39		1192.78	6.45		1.00	6,200.00
12-31-2020	1.64	85.46	10.14	1110.71		1192.78	6.19		1.00	6,200.00

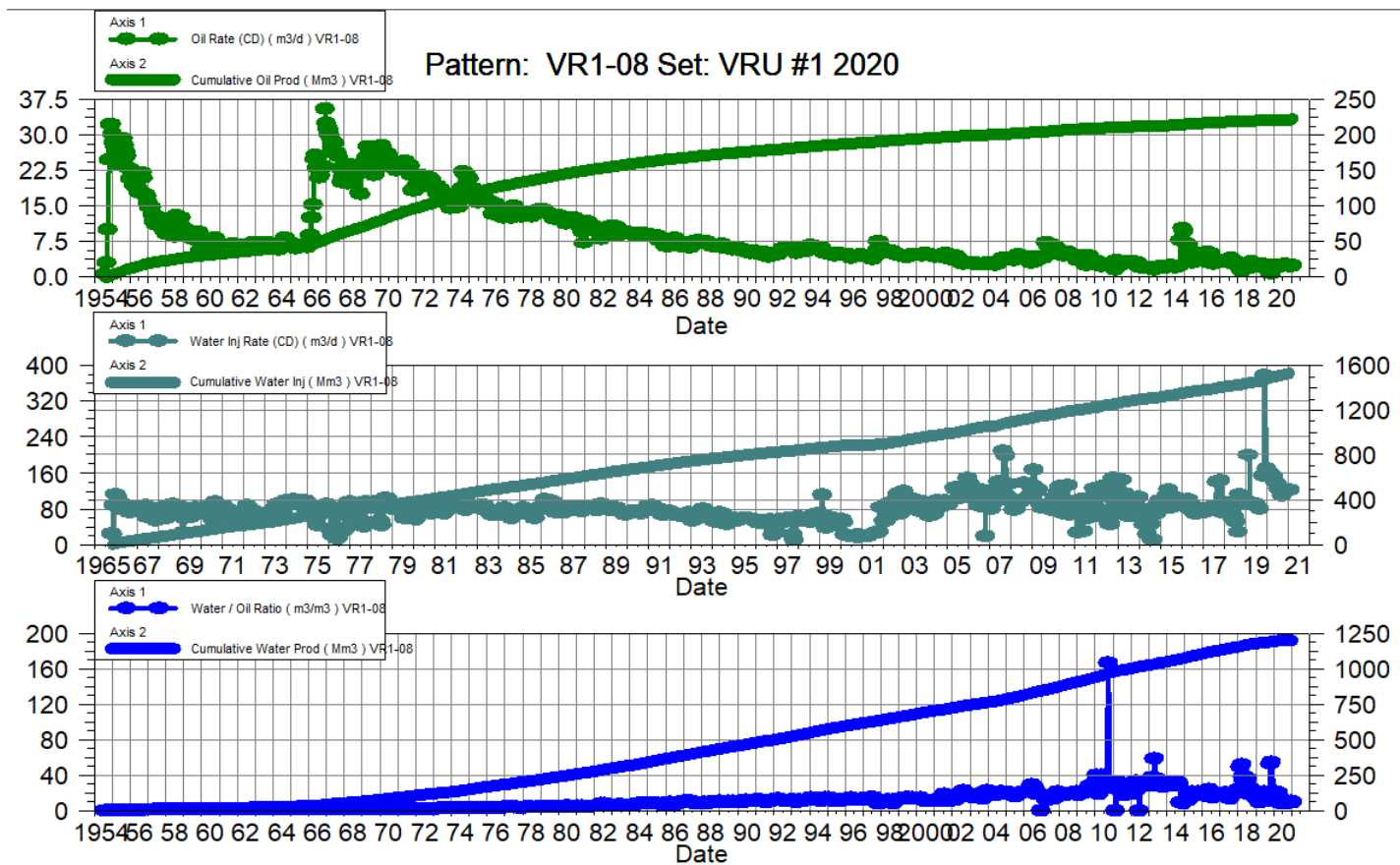




# VRU No. 1

## Pattern P-08 - 00/07-25-010-26W1/0

Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	2.48	221.87	52.84	1191.33	157.13	1489.44	21.27	2.84	1.05	7,000.00
2-29-2020	2.37	221.94	49.54	1192.76	160.14	1494.08	20.91	3.08	1.05	7,000.00
3-31-2020	2.30	222.01	45.18	1194.16	153.48	1498.84	19.65	3.23	1.06	7,000.00
4-30-2020	2.43	222.08	24.31	1194.89	149.97	1503.34	9.98	5.60	1.06	7,000.00
5-31-2020	2.57	222.16	21.12	1195.55	139.29	1507.66	8.20	5.87	1.06	7,000.00
6-30-2020	2.23	222.23	18.98	1196.12	134.23	1511.68	8.50	6.32	1.06	7,000.00
7-31-2020	2.61	222.31	20.83	1196.76	125.06	1515.56	7.98	5.33	1.07	7,000.00
8-31-2020	2.72	222.39	21.52	1197.43	123.32	1519.38	7.91	5.08	1.07	7,016.84
9-30-2020	2.65	222.47	22.98	1198.12	108.03	1522.62	8.66	4.21	1.07	7,522.00
10-31-2020	2.57	222.55	27.13	1198.96	114.81	1526.18	10.57	3.86	1.07	7,522.00
11-30-2020	2.42	222.62	23.13	1199.65	120.87	1529.81	9.56	4.72	1.07	7,522.00
12-31-2020	2.18	222.69	21.83	1200.33	120.28	1533.54	10.01	5.00	1.07	7,522.00

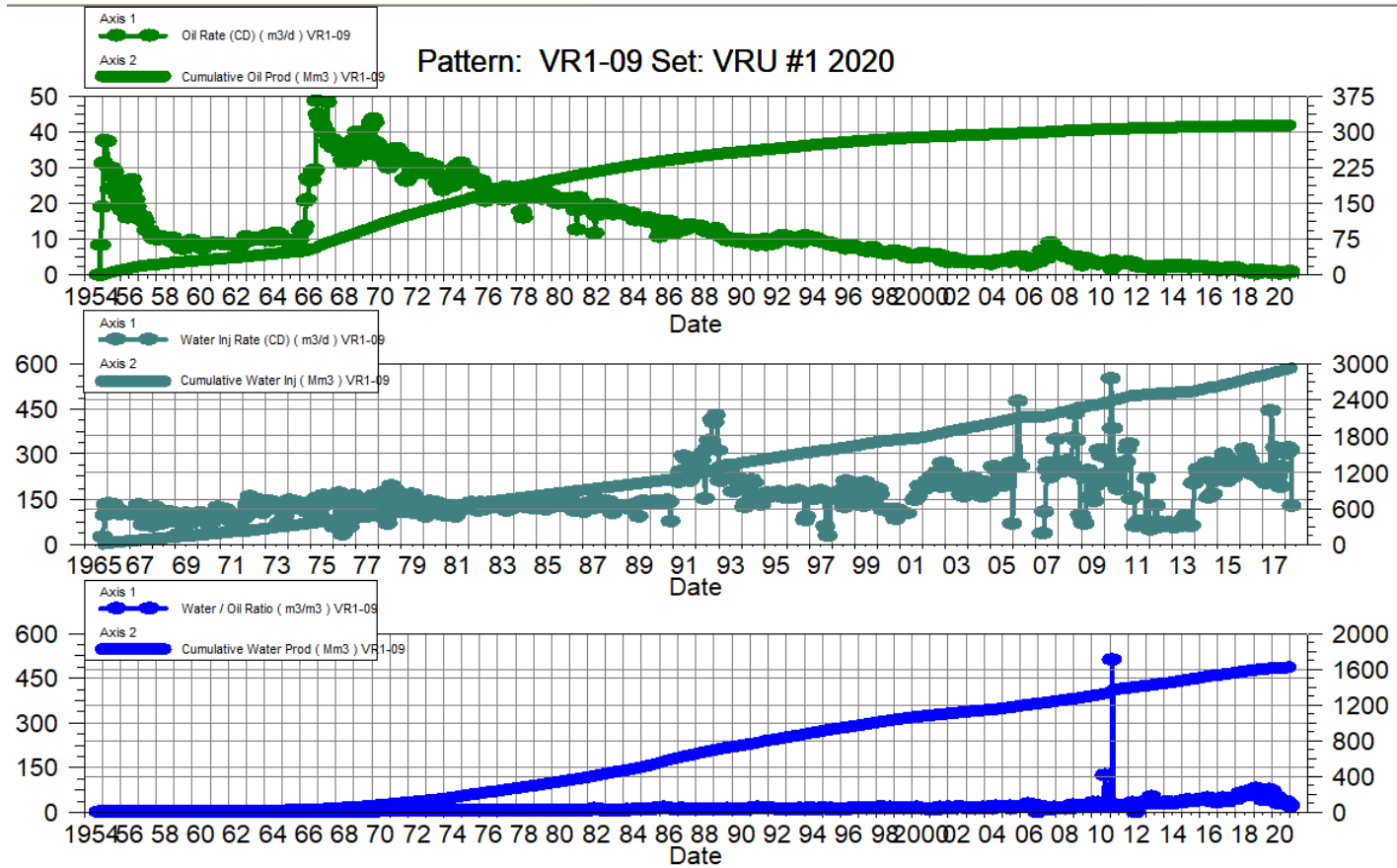


## VRU No. 1

Pattern P-09 – 00/05-30-010-25W1/0

P-09 – 03/01-25-010-26W1/0

Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	0.90	314.97	56.27	1609.35		2950.53	62.36		1.53	6,550.00	--
2-29-2020	0.96	315.00	44.94	1610.65		2950.53	46.62		1.53	6,550.00	--
3-31-2020	0.80	315.03	40.68	1611.91		2950.53	50.76		1.53	6,550.00	--
4-30-2020	0.62	315.05	22.91	1612.60		2950.53	36.68		1.53	6,550.00	--
5-31-2020	0.73	315.07	19.44	1613.20		2950.53	26.55		1.53	6,550.00	--
6-30-2020	0.51	315.08	15.45	1613.67		2950.53	30.59		1.53	6,550.00	--
7-31-2020	0.65	315.10	20.12	1614.29		2950.53	30.87		1.52	6,550.00	--
8-31-2020	0.62	315.12	18.62	1614.87		2950.53	29.98		1.52	6,550.00	--
9-30-2020	0.64	315.14	20.04	1615.47		2950.53	31.44		1.52	6,550.00	--
10-31-2020	0.64	315.16	23.64	1616.20		2950.53	36.89		1.52	6,550.00	--
11-30-2020	0.66	315.18	19.75	1616.79		2950.53	29.73		1.52	6,550.00	--
12-31-2020	0.87	315.21	20.41	1617.43		2950.53	23.49		1.52	6,550.00	--

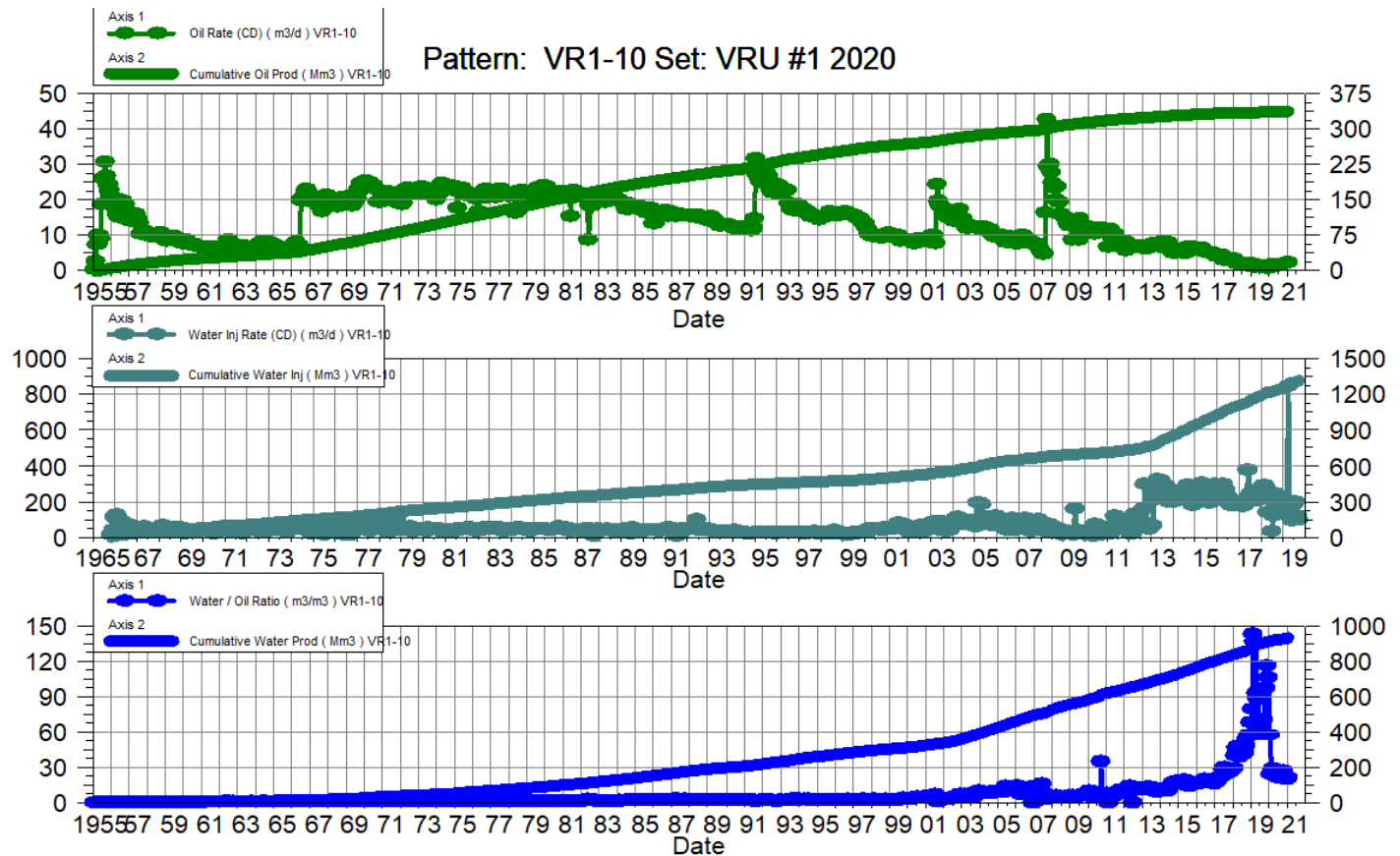


## VRU No. 1

Pattern P-10 - 00/07-30-010-25W1/0

P-10 - 04/08-30-010-25W1/0

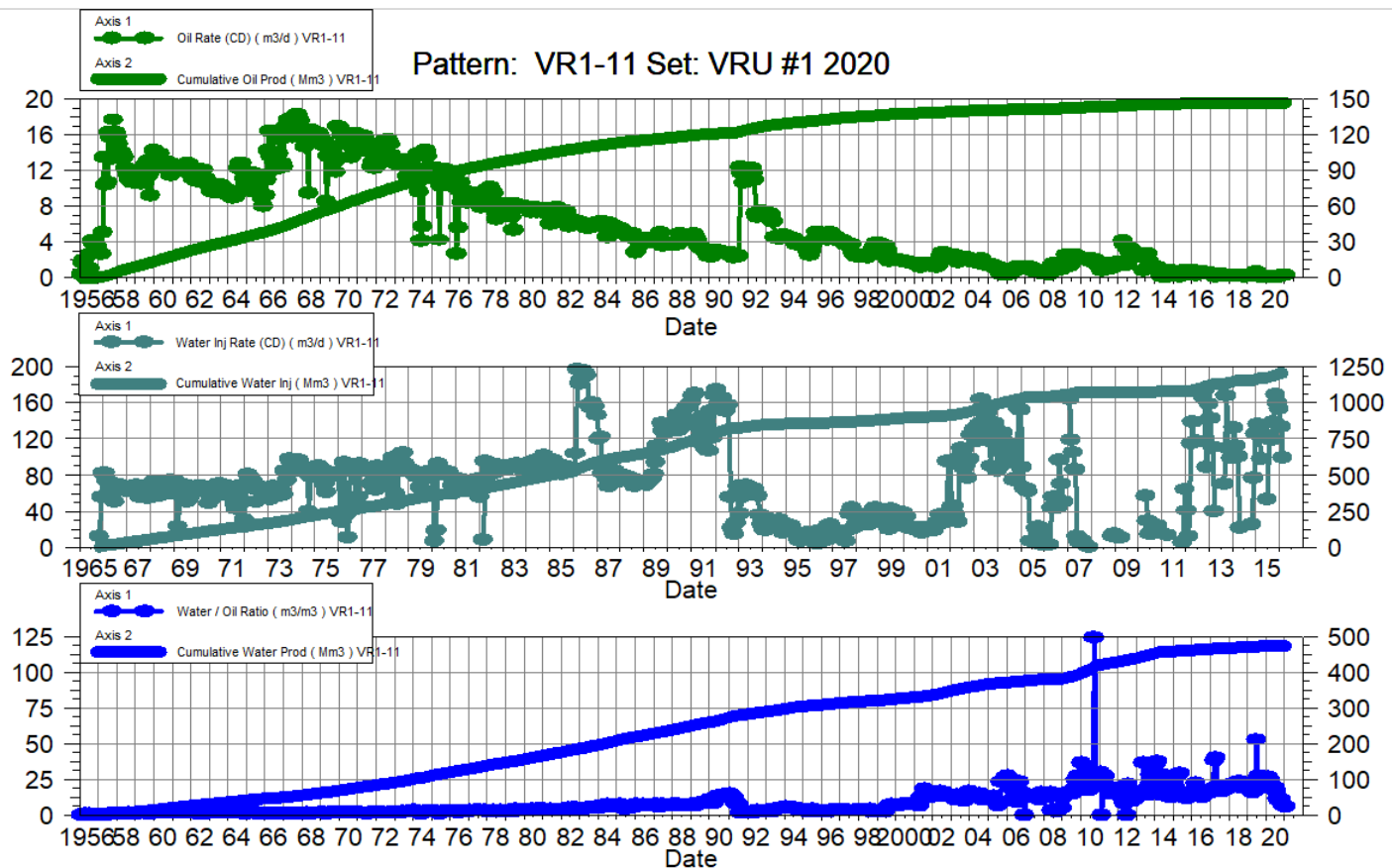
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	1.05	336.74	59.95	912.55		1320.49	57.35		1.05	6,900.00	7,200.00
2-29-2020	1.77	336.79	42.89	913.79		1320.49	24.26		1.05	6,900.00	7,200.00
3-31-2020	1.48	336.83	42.33	915.11		1320.49	28.56		1.05	6,900.00	7,200.00
4-30-2020	1.68	336.89	40.19	916.31		1320.49	23.88		1.05	6,900.00	7,200.00
5-31-2020	1.84	336.94	39.52	917.54		1320.49	21.49		1.05	6,900.00	7,200.00
6-30-2020	1.54	336.99	37.11	918.65		1320.49	24.09		1.05	6,900.00	7,200.00
7-31-2020	1.88	337.05	39.26	919.87		1320.49	20.83		1.05	6,900.00	7,200.00
8-31-2020	1.87	337.10	42.81	921.19		1320.49	22.84		1.04	6,900.00	7,200.00
9-30-2020	1.87	337.16	44.18	922.52		1320.49	23.69		1.04	6,900.00	7,200.00
10-31-2020	1.91	337.22	51.58	924.12		1320.49	27.00		1.04	6,900.00	7,200.00
11-30-2020	2.10	337.28	42.43	925.39		1320.49	20.19		1.04	6,900.00	7,200.00
12-31-2020	2.26	337.35	43.74	926.75		1320.49	19.35		1.04	6,900.00	7,200.00



# VRU No. 1

## Pattern P-11 - 00/05-29-010-25W1/0

Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.18	147.33	4.08	471.33		1215.47	22.53		1.96	6,800.00
2-29-2020	0.15	147.34	3.95	471.45		1215.47	26.53		1.96	6,800.00
3-31-2020	0.16	147.34	3.85	471.57		1215.47	24.04		1.96	6,800.00
4-30-2020	0.13	147.34	2.32	471.64		1215.47	17.89		1.96	6,800.00
5-31-2020	0.13	147.35	2.30	471.71		1215.47	18.23		1.95	6,800.00
6-30-2020	0.13	147.35	2.45	471.78		1215.47	19.14		1.95	6,800.00
7-31-2020	0.15	147.36	2.45	471.86		1215.47	16.78		1.95	6,800.00
8-31-2020	0.20	147.36	2.40	471.93		1215.47	11.80		1.95	6,800.00
9-30-2020	0.23	147.37	2.30	472.00		1215.47	10.13		1.95	6,800.00
10-31-2020	0.25	147.38	2.69	472.08		1215.47	10.75		1.95	6,800.00
11-30-2020	0.28	147.39	2.20	472.15		1215.47	7.74		1.95	6,800.00
12-31-2020	0.33	147.40	2.11	472.22		1215.47	6.32		1.95	6,800.00

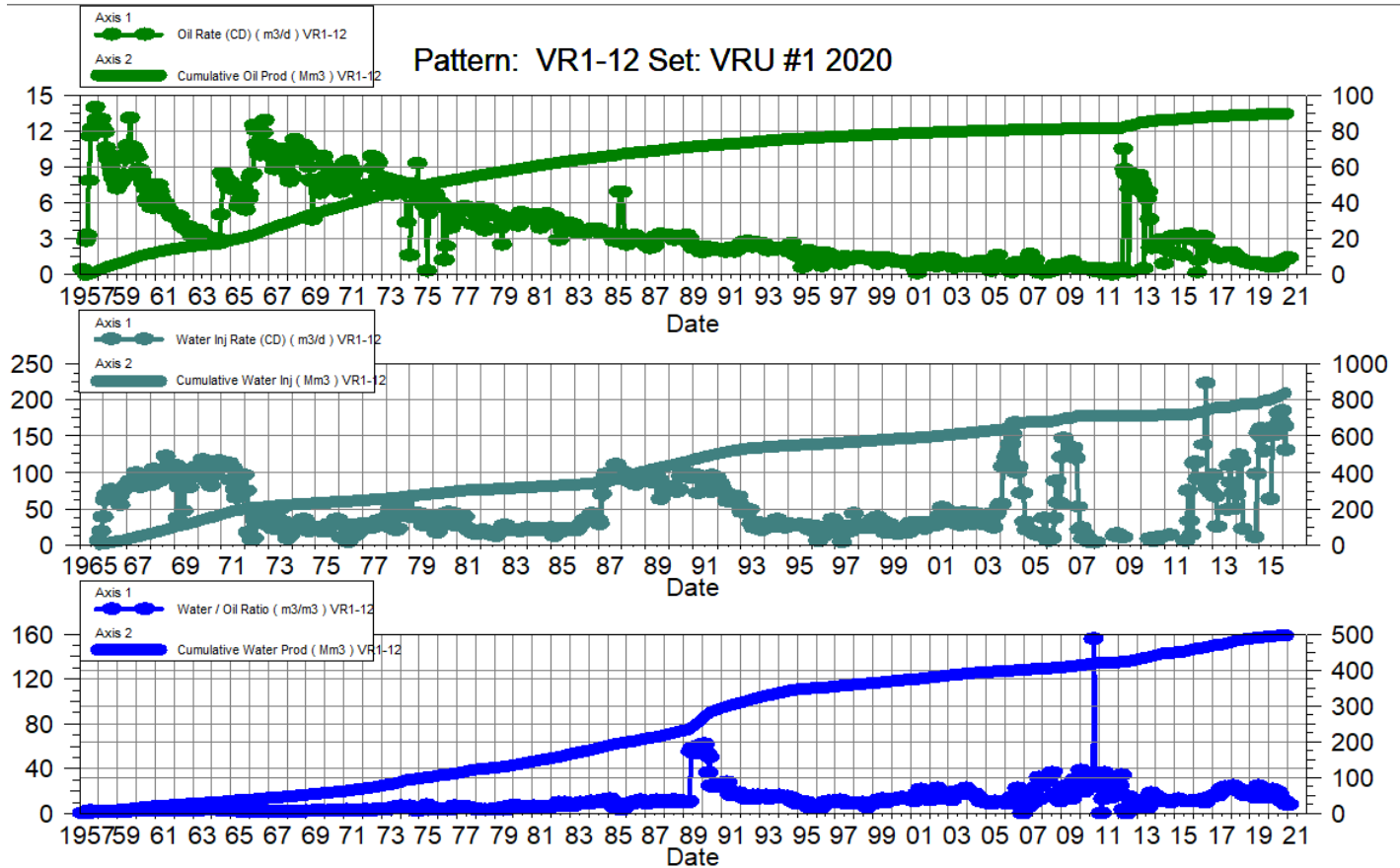


## VRU No. 1

Pattern P-12 – 00/06-29-010-25W1/0

P-12 – 00/07-29-010-25W1/0

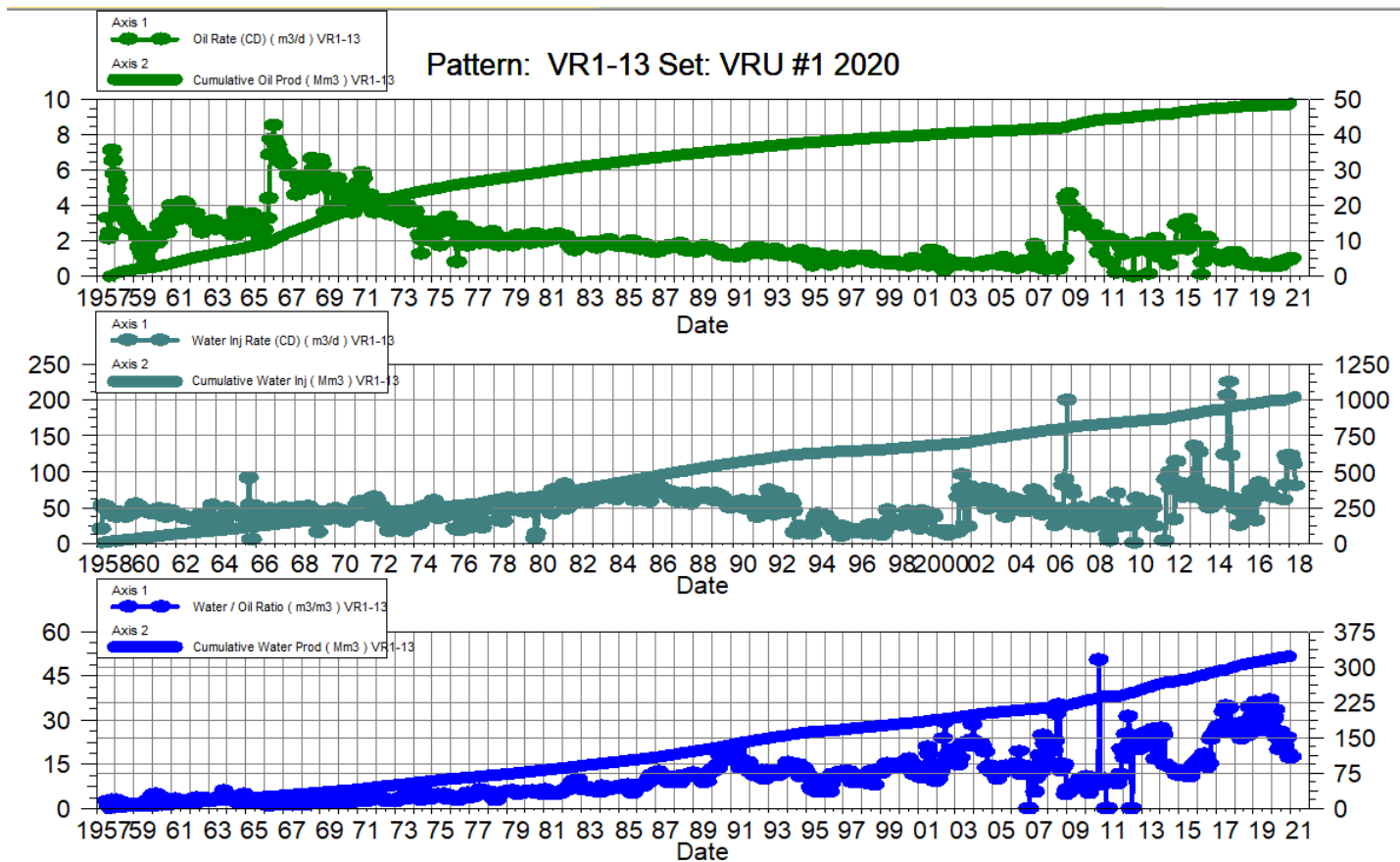
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	0.90	89.96	13.99	492.40		844.13	15.62		1.45	6,800.00	6,800.00
2-29-2020	0.76	89.98	13.97	492.80		844.13	18.46		1.44	6,800.00	6,800.00
3-31-2020	0.73	90.00	15.40	493.28		844.13	21.05		1.44	6,800.00	6,800.00
4-30-2020	0.68	90.02	12.59	493.66		844.13	18.50		1.44	6,800.00	6,800.00
5-31-2020	0.71	90.04	12.42	494.04		844.13	17.41		1.44	6,800.00	6,800.00
6-30-2020	0.70	90.07	13.37	494.44		844.13	19.07		1.44	6,800.00	6,800.00
7-31-2020	0.82	90.09	13.43	494.86		844.13	16.44		1.44	6,800.00	6,800.00
8-31-2020	1.05	90.12	12.29	495.24		844.13	11.69		1.44	6,800.00	6,800.00
9-30-2020	1.13	90.16	11.47	495.58		844.13	10.15		1.44	6,800.00	6,800.00
10-31-2020	1.25	90.20	13.25	495.99		844.13	10.62		1.44	6,800.00	6,800.00
11-30-2020	1.34	90.24	10.56	496.31		844.13	7.87		1.44	6,800.00	6,800.00
12-31-2020	1.36	90.28	10.08	496.62		844.13	7.40		1.43	6,800.00	6,800.00



# VRU No. 1

## Pattern P-13 - 00/05-28-010-25W1/0

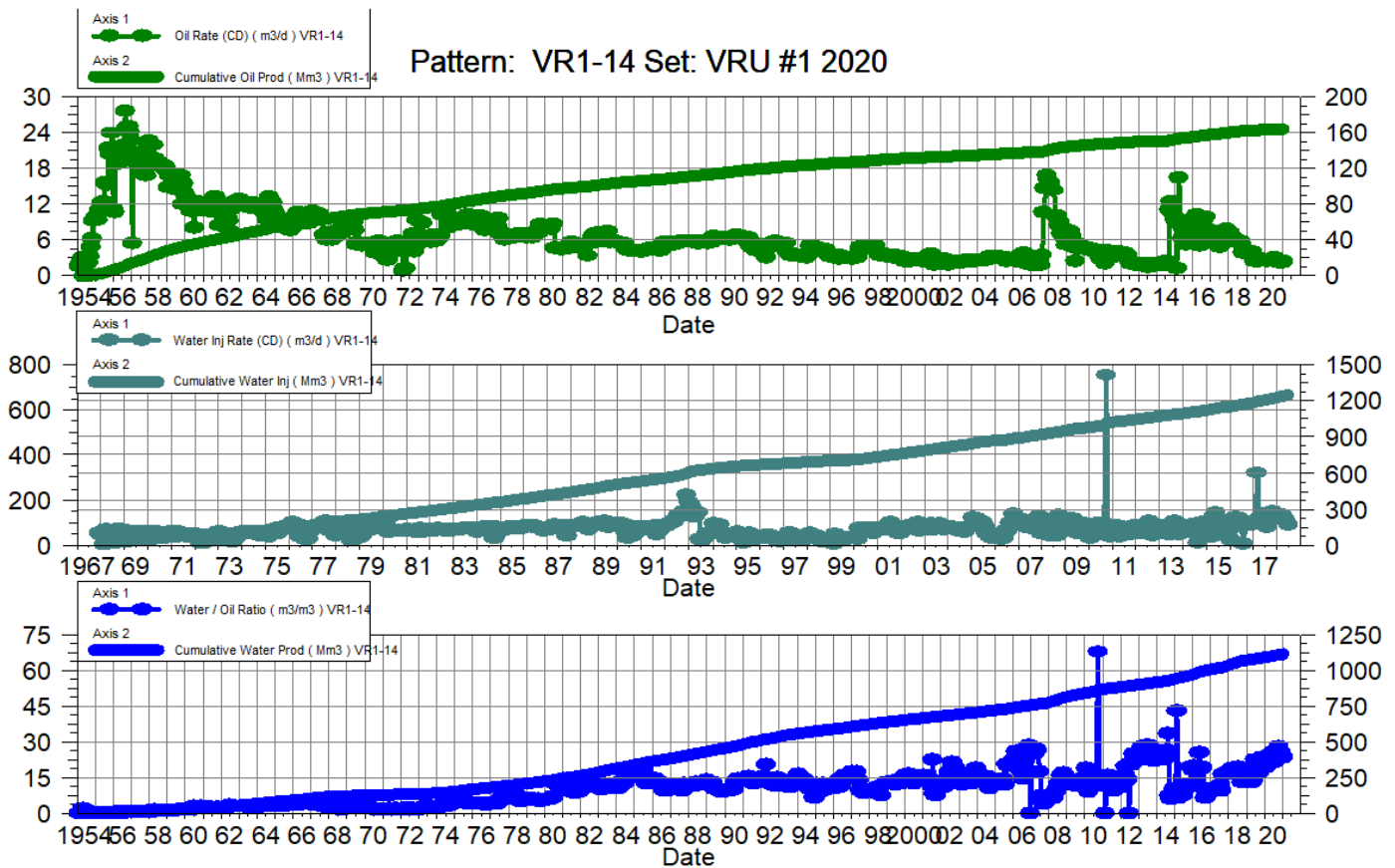
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.64	48.61	19.04	316.57		1027.52	29.79		2.81	5,600.00
2-29-2020	0.60	48.62	18.29	317.10		1027.52	30.72		2.80	5,600.00
3-31-2020	0.60	48.64	20.05	317.72		1027.52	33.29		2.80	5,600.00
4-30-2020	0.69	48.66	16.52	318.22		1027.52	23.79		2.79	5,600.00
5-31-2020	0.79	48.69	15.71	318.70		1027.52	19.84		2.79	5,600.00
6-30-2020	0.63	48.71	16.34	319.19		1027.52	25.78		2.79	5,600.00
7-31-2020	0.73	48.73	16.24	319.70		1027.52	22.16		2.78	5,600.00
8-31-2020	0.86	48.76	18.17	320.26		1027.52	21.08		2.78	5,600.00
9-30-2020	0.89	48.78	18.37	320.81		1027.52	20.74		2.77	5,600.00
10-31-2020	0.89	48.81	21.42	321.47		1027.52	24.01		2.77	5,600.00
11-30-2020	0.92	48.84	16.92	321.98		1027.52	18.40		2.76	5,600.00
12-31-2020	0.93	48.87	16.03	322.48		1027.52	17.27		2.76	5,600.00



# VRU No. 1

## Pattern P-14 - 00/15-23-010-26W1/0

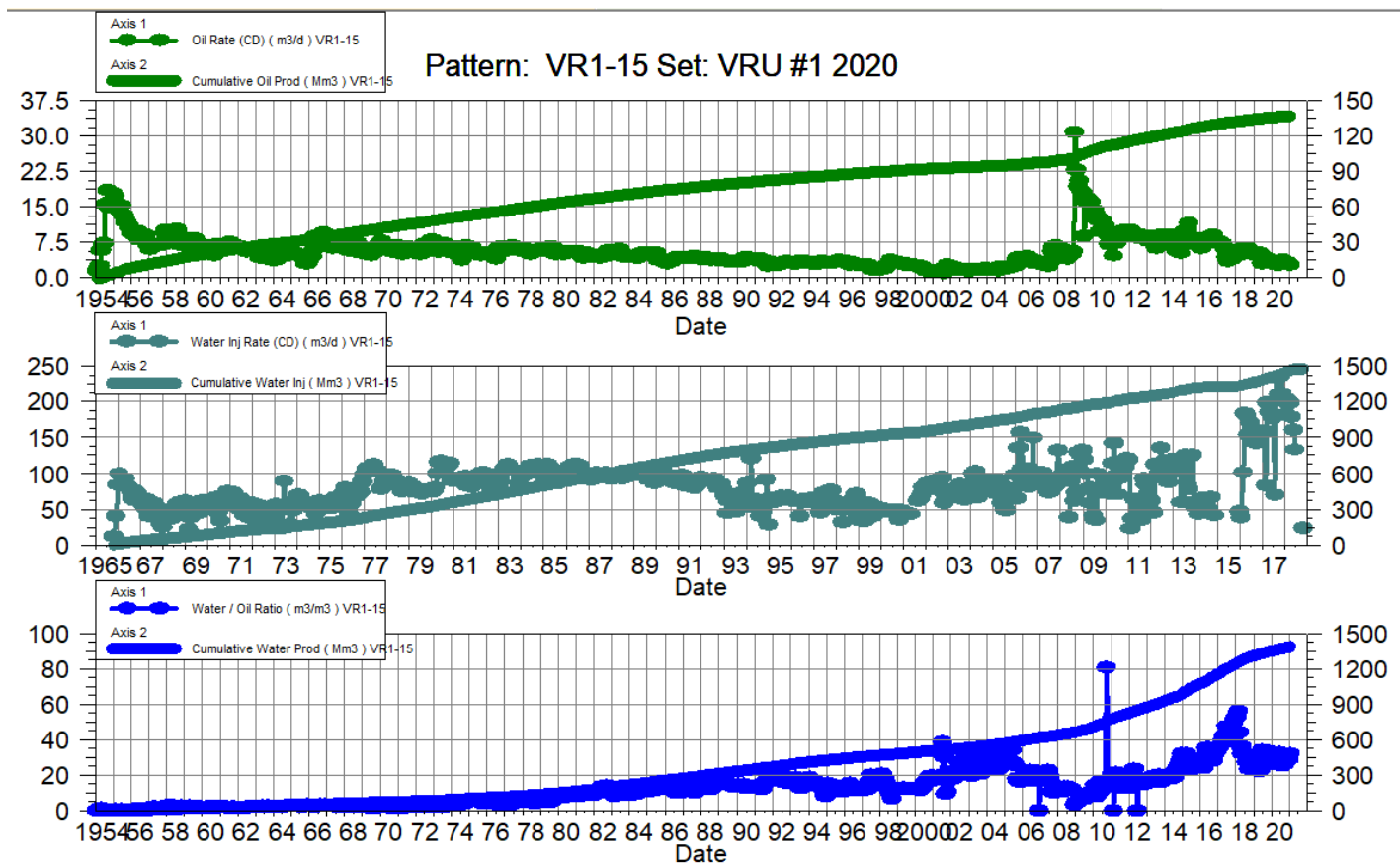
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	2.73	163.79	56.40	1089.10		1253.86	20.67		1.00	5,000.00
2-29-2020	2.34	163.86	45.75	1090.42		1253.86	19.52		1.00	5,000.00
3-31-2020	2.54	163.93	58.51	1092.24		1253.86	23.00		1.00	5,000.00
4-30-2020	2.61	164.01	62.06	1094.10		1253.86	23.79		0.99	5,000.00
5-31-2020	2.80	164.10	62.88	1096.05		1253.86	22.46		0.99	5,000.00
6-30-2020	2.65	164.18	66.90	1098.06		1253.86	25.23		0.99	5,000.00
7-31-2020	3.03	164.27	65.27	1100.08		1253.86	21.52		0.99	5,000.00
8-31-2020	2.93	164.36	66.82	1102.15		1253.86	22.83		0.99	5,000.00
9-30-2020	2.70	164.44	63.44	1104.05		1253.86	23.47		0.99	5,000.00
10-31-2020	2.19	164.51	60.74	1105.94		1253.86	27.75		0.98	5,000.00
11-30-2020	2.41	164.58	61.02	1107.77		1253.86	25.29		0.98	5,000.00
12-31-2020	2.32	164.66	55.14	1109.48		1253.86	23.79		0.98	5,000.00



# VRU No. 1

## Pattern P-15 - 00/13-24-010-26W1/0

Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	3.54	136.26	90.68	1351.60		1484.97	25.64		1.00	6,600.00
2-29-2020	3.22	136.36	84.38	1354.04		1484.97	26.20		1.00	6,600.00
3-31-2020	3.30	136.46	93.52	1356.94		1484.97	28.38		0.99	6,600.00
4-30-2020	2.83	136.54	86.14	1359.53		1484.97	30.45		0.99	6,600.00
5-31-2020	2.96	136.64	87.24	1362.23		1484.97	29.46		0.99	6,600.00
6-30-2020	2.85	136.72	93.61	1365.04		1484.97	32.79		0.99	6,600.00
7-31-2020	3.59	136.83	90.53	1367.85		1484.97	25.25		0.99	6,600.00
8-31-2020	3.73	136.95	93.26	1370.74		1484.97	25.02		0.98	6,600.00
9-30-2020	3.54	137.05	90.57	1373.45		1484.97	25.57		0.98	6,600.00
10-31-2020	3.23	137.15	101.64	1376.61		1484.97	31.45		0.98	6,600.00
11-30-2020	3.23	137.25	89.94	1379.30		1484.97	27.83		0.98	6,600.00
12-31-2020	2.88	137.34	81.21	1381.82		1484.97	28.20		0.98	6,600.00



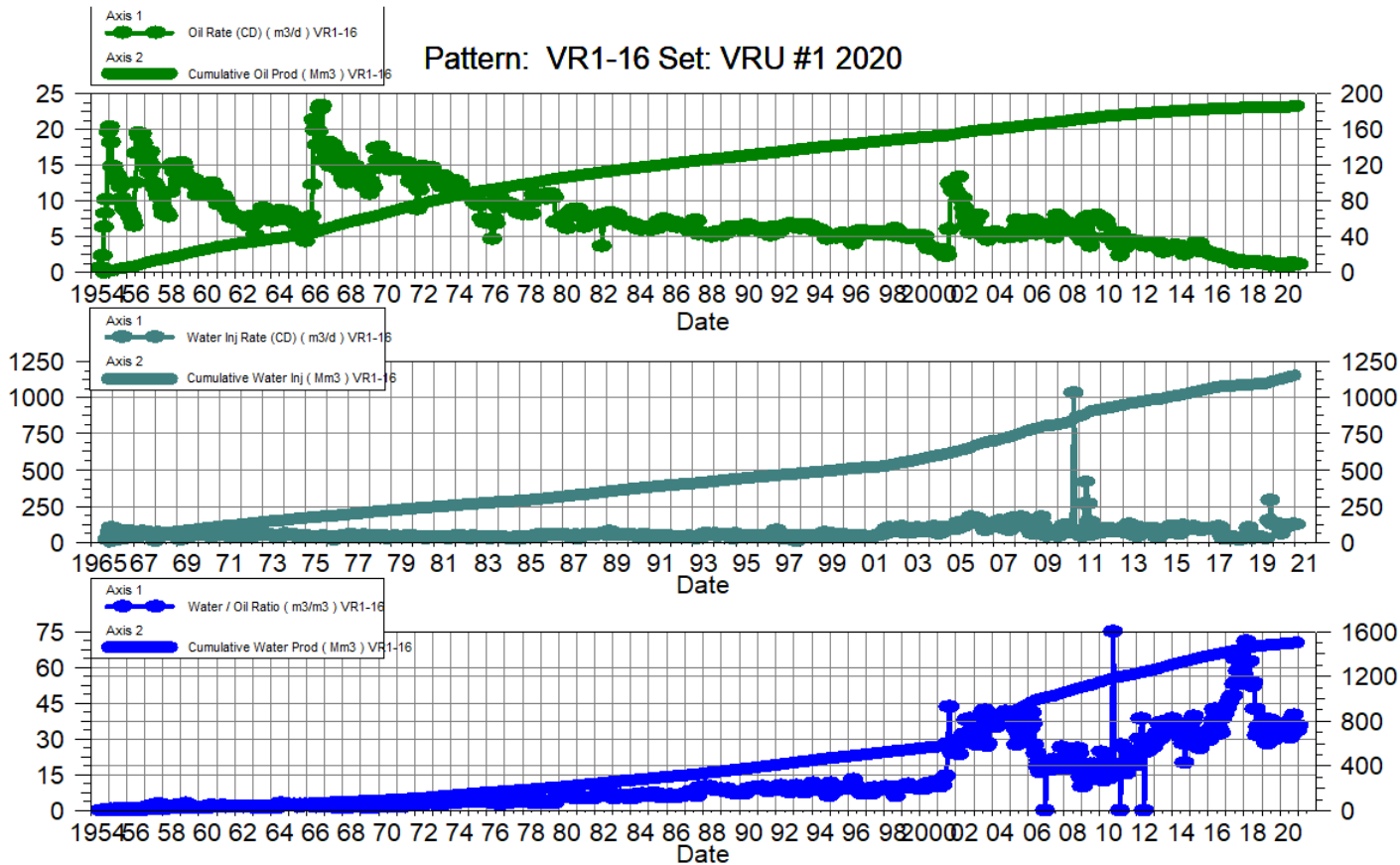


## VRU No. 1

Pattern P-16 – 00/15-24-010-26W1/0

P-16 – 03/01-25-010-26W1/0

Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	1.26	185.92	41.21	1486.70	116.77	1123.98	32.82	2.75	0.67	6,600.00	-
2-29-2020	1.15	185.96	38.34	1487.81	118.93	1127.43	33.40	3.01	0.67	6,600.00	-
3-31-2020	1.17	185.99	42.50	1489.13	118.65	1131.11	36.29	2.72	0.67	6,600.00	-
4-30-2020	0.94	186.02	32.40	1490.10	118.53	1134.66	34.48	3.55	0.68	6,600.00	-
5-31-2020	0.86	186.05	27.34	1490.95	57.87	1136.46	31.70	2.05	0.68	6,600.00	-
6-30-2020	0.83	186.07	29.41	1491.83	116.07	1139.94	35.52	3.84	0.68	6,600.00	-
7-31-2020	1.21	186.11	36.90	1492.98	113.32	1143.45	30.38	2.97	0.68	6,600.00	-
8-31-2020	1.43	186.16	45.40	1494.38	115.61	1147.03	31.66	2.47	0.68	6,619.23	-
9-30-2020	1.35	186.20	43.65	1495.69	108.33	1150.28	32.27	2.41	0.68	7,196.00	-
10-31-2020	1.23	186.23	49.10	1497.22	114.06	1153.82	39.87	2.27	0.68	7,196.00	-
11-30-2020	1.23	186.27	43.37	1498.52	117.80	1157.35	35.33	2.64	0.69	7,196.00	-
12-31-2020	1.14	186.31	38.19	1499.70	118.47	1161.03	33.56	3.01	0.69	7,196.00	-

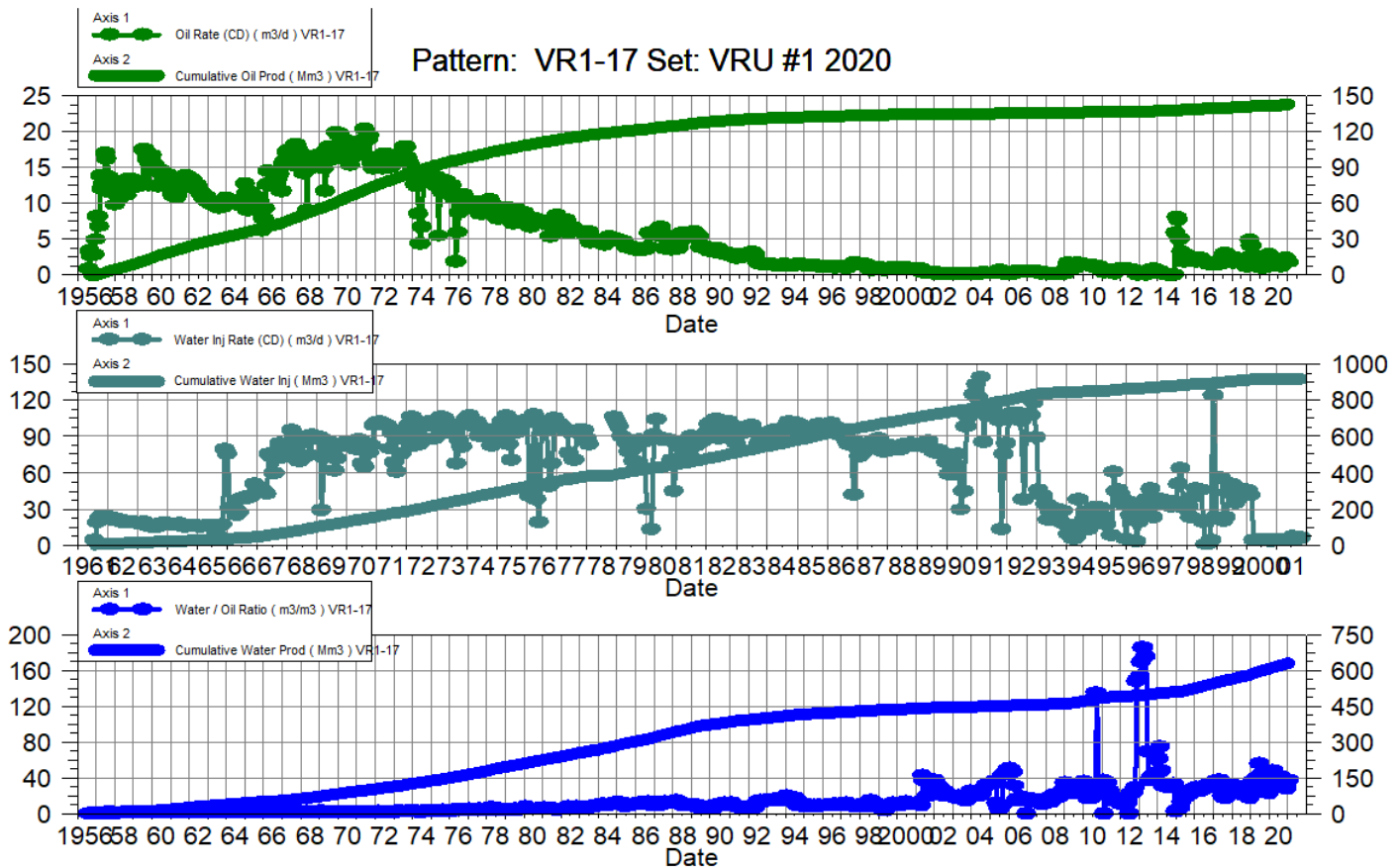


## VRU No. 1

Pattern P-17 - 00/13-20-010-25W1/0 &

00/12-20-010-25W1/0

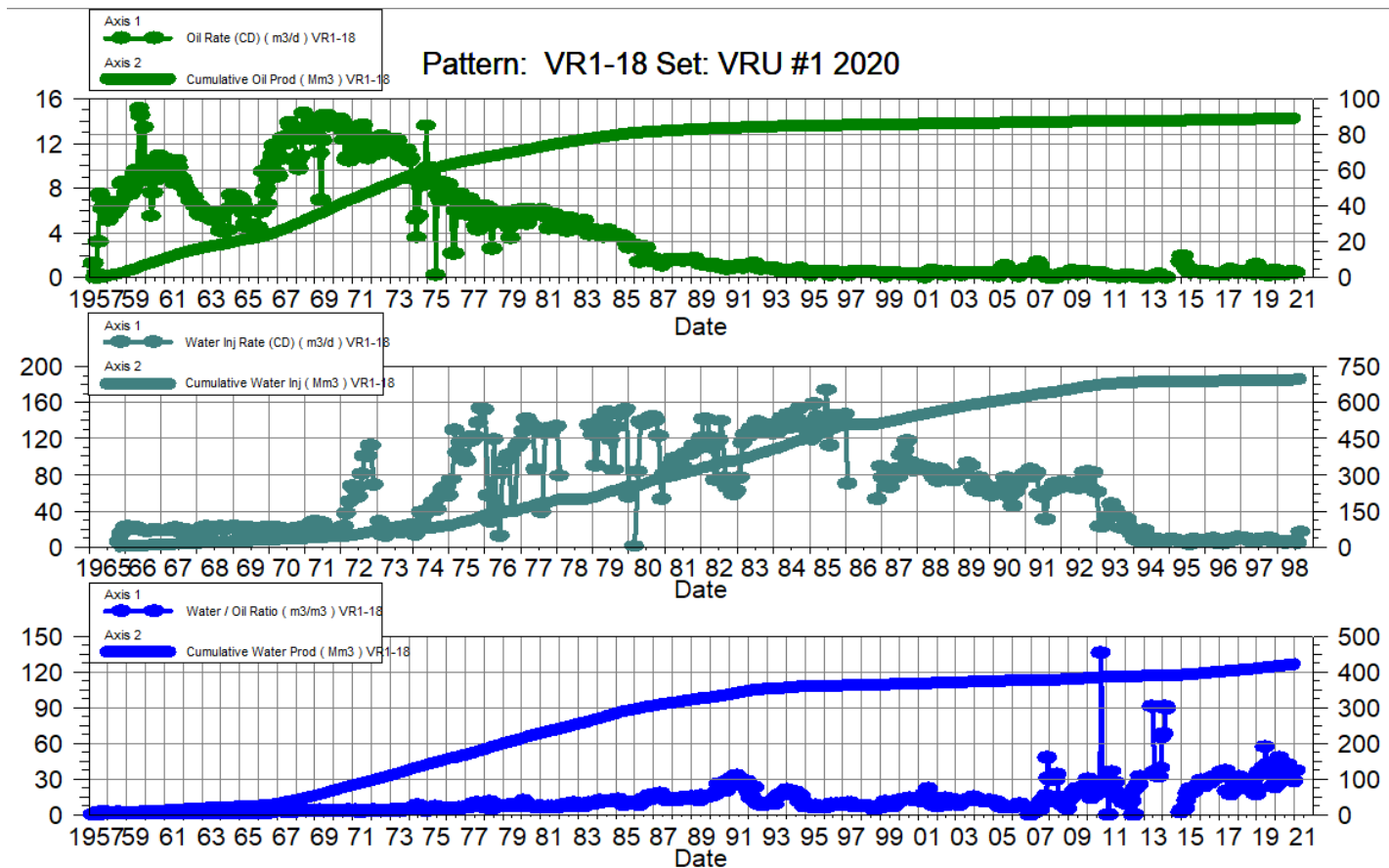
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	2.71	142.24	68.01	607.94		922.03	25.12		1.23	-
2-29-2020	1.96	142.29	60.36	609.69		922.03	30.82		1.22	-
3-31-2020	1.41	142.34	66.89	611.76		922.03	47.56		1.22	-
4-30-2020	1.37	142.38	59.73	613.55		922.03	43.66		1.22	-
5-31-2020	1.66	142.43	60.66	615.43		922.03	36.50		1.21	-
6-30-2020	1.49	142.48	57.92	617.17		922.03	38.85		1.21	-
7-31-2020	1.75	142.53	65.69	619.21		922.03	37.43		1.21	-
8-31-2020	1.17	142.57	48.42	620.71		922.03	41.51		1.20	-
9-30-2020	1.91	142.62	65.82	622.68		922.03	34.37		1.20	-
10-31-2020	2.15	142.69	78.39	625.11		922.03	36.38		1.20	-
11-30-2020	2.35	142.76	66.68	627.11		922.03	28.35		1.19	-
12-31-2020	2.16	142.83	60.44	628.99		922.03	27.95		1.19	-



# VRU No. 1

## Pattern P-18 - 00/15-20-010-25W1/0

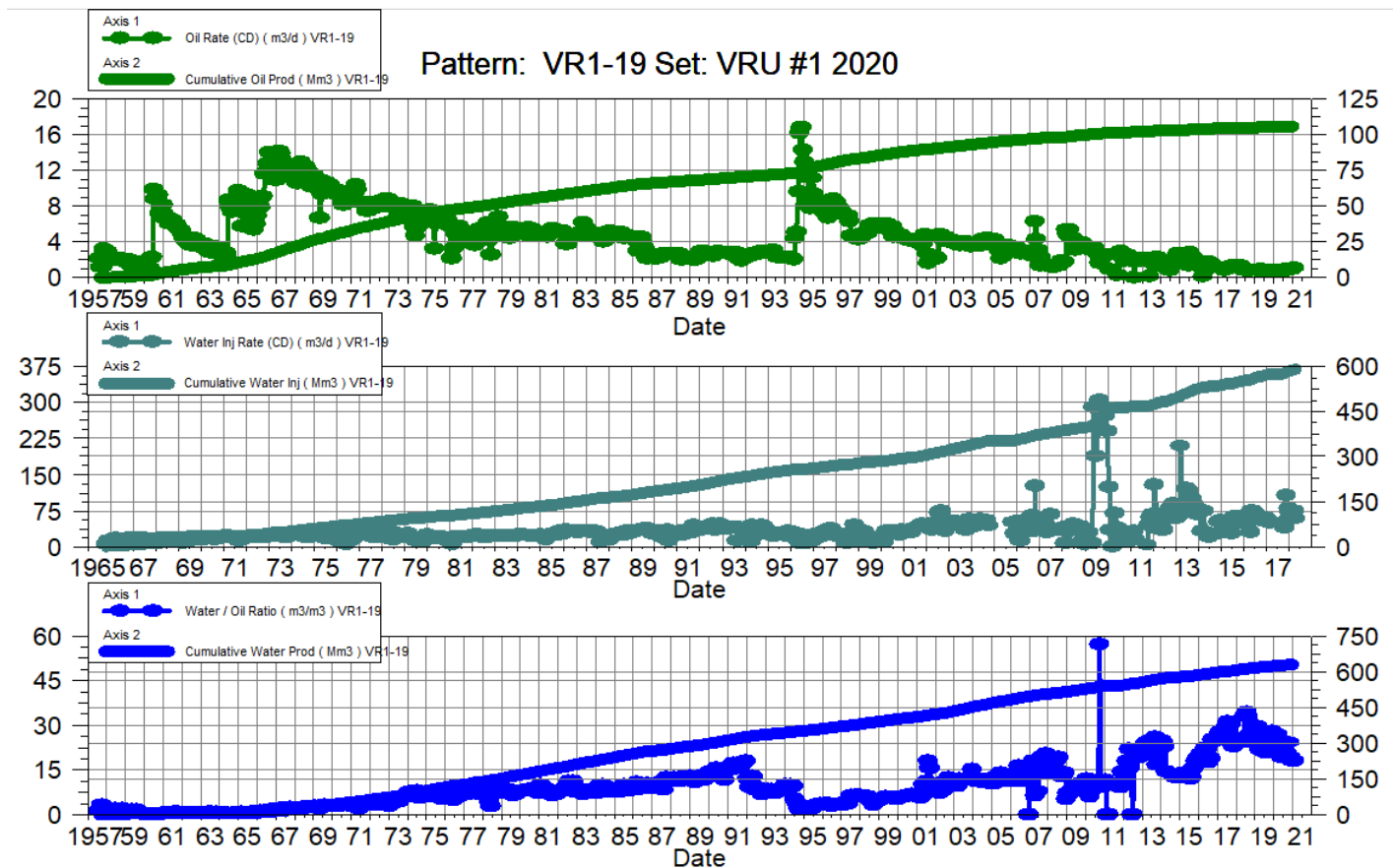
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.68	89.31	17.00	415.16		700.19	25.12		1.38	-
2-29-2020	0.49	89.33	15.09	415.60		700.19	30.82		1.38	-
3-31-2020	0.35	89.34	16.72	416.12		700.19	47.56		1.38	-
4-30-2020	0.34	89.35	14.93	416.57		700.19	43.66		1.38	-
5-31-2020	0.42	89.36	15.16	417.04		700.19	36.50		1.38	-
6-30-2020	0.37	89.37	14.48	417.47		700.19	38.85		1.38	-
7-31-2020	0.44	89.38	16.42	417.98		700.19	37.43		1.38	-
8-31-2020	0.29	89.39	12.11	418.36		700.19	41.51		1.37	-
9-30-2020	0.48	89.41	16.45	418.85		700.19	34.37		1.37	-
10-31-2020	0.54	89.42	19.60	419.46		700.19	36.38		1.37	-
11-30-2020	0.59	89.44	16.67	419.96		700.19	28.35		1.37	-
12-31-2020	0.54	89.46	15.11	420.43		700.19	27.95		1.37	-



# VRU No. 1

## Pattern P-19 - 00/13-21-010-25W1/0

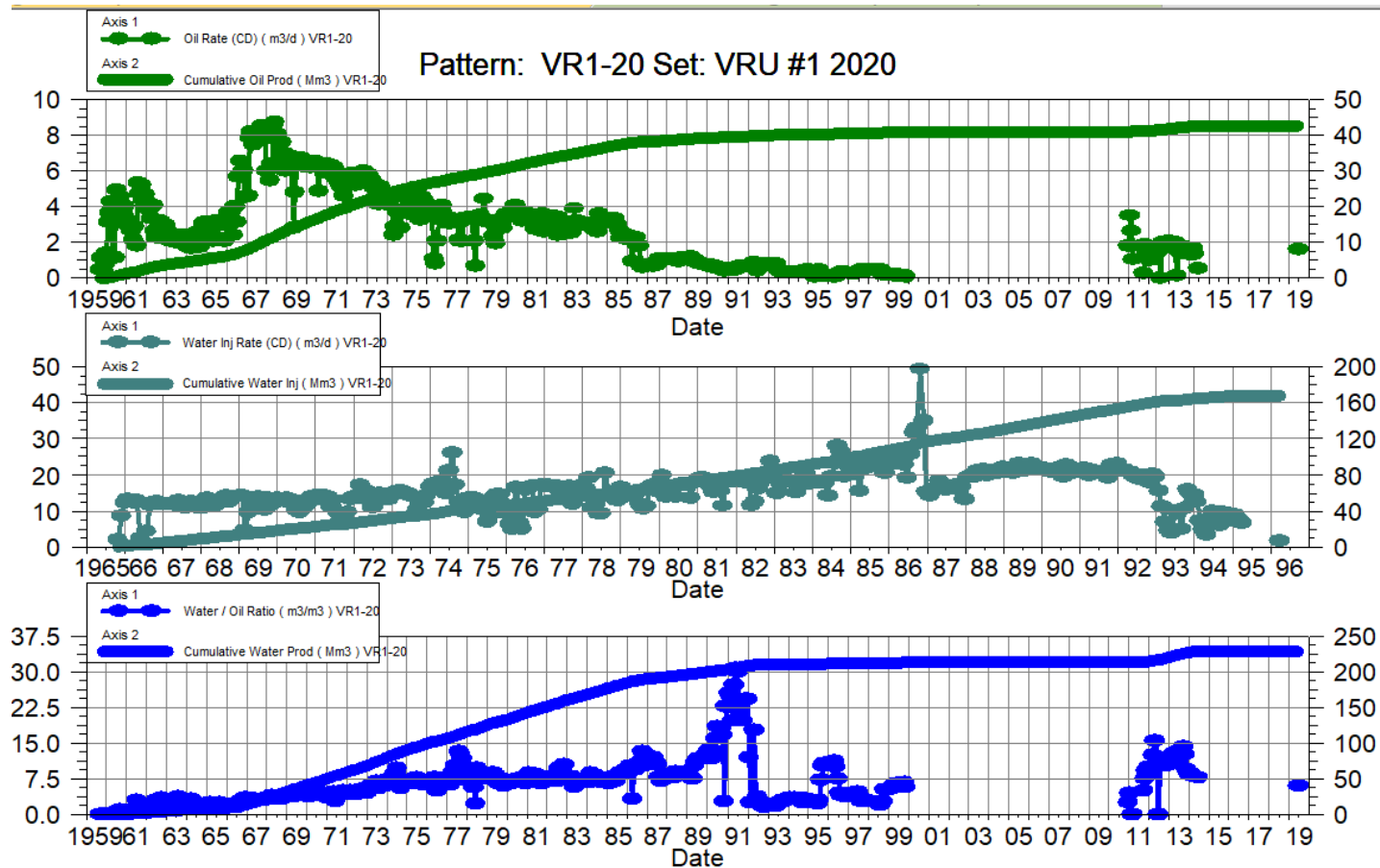
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.86	105.79	19.56	622.76		594.28	22.64		0.81	7,000.00
2-29-2020	0.79	105.81	18.58	623.30		594.28	23.45		0.81	7,000.00
3-31-2020	0.76	105.84	20.57	623.94		594.28	26.89		0.81	7,000.00
4-30-2020	0.78	105.86	17.29	624.46		594.28	22.23		0.81	7,000.00
5-31-2020	0.87	105.89	16.58	624.97		594.28	19.03		0.81	7,000.00
6-30-2020	0.71	105.91	17.29	625.49		594.28	24.33		0.81	7,000.00
7-31-2020	0.81	105.93	17.22	626.02		594.28	21.18		0.81	7,000.00
8-31-2020	0.94	105.96	19.22	626.62		594.28	20.44		0.81	7,000.00
9-30-2020	0.96	105.99	19.39	627.20		594.28	20.20		0.81	7,000.00
10-31-2020	0.94	106.02	22.76	627.91		594.28	24.13		0.81	7,000.00
11-30-2020	0.94	106.05	18.18	628.45		594.28	19.29		0.81	7,000.00
12-31-2020	0.96	106.08	17.20	628.99		594.28	17.99		0.81	7,000.00



## VRU No. 1

### Pattern P-20 - 00/09-20-010-25W1/0

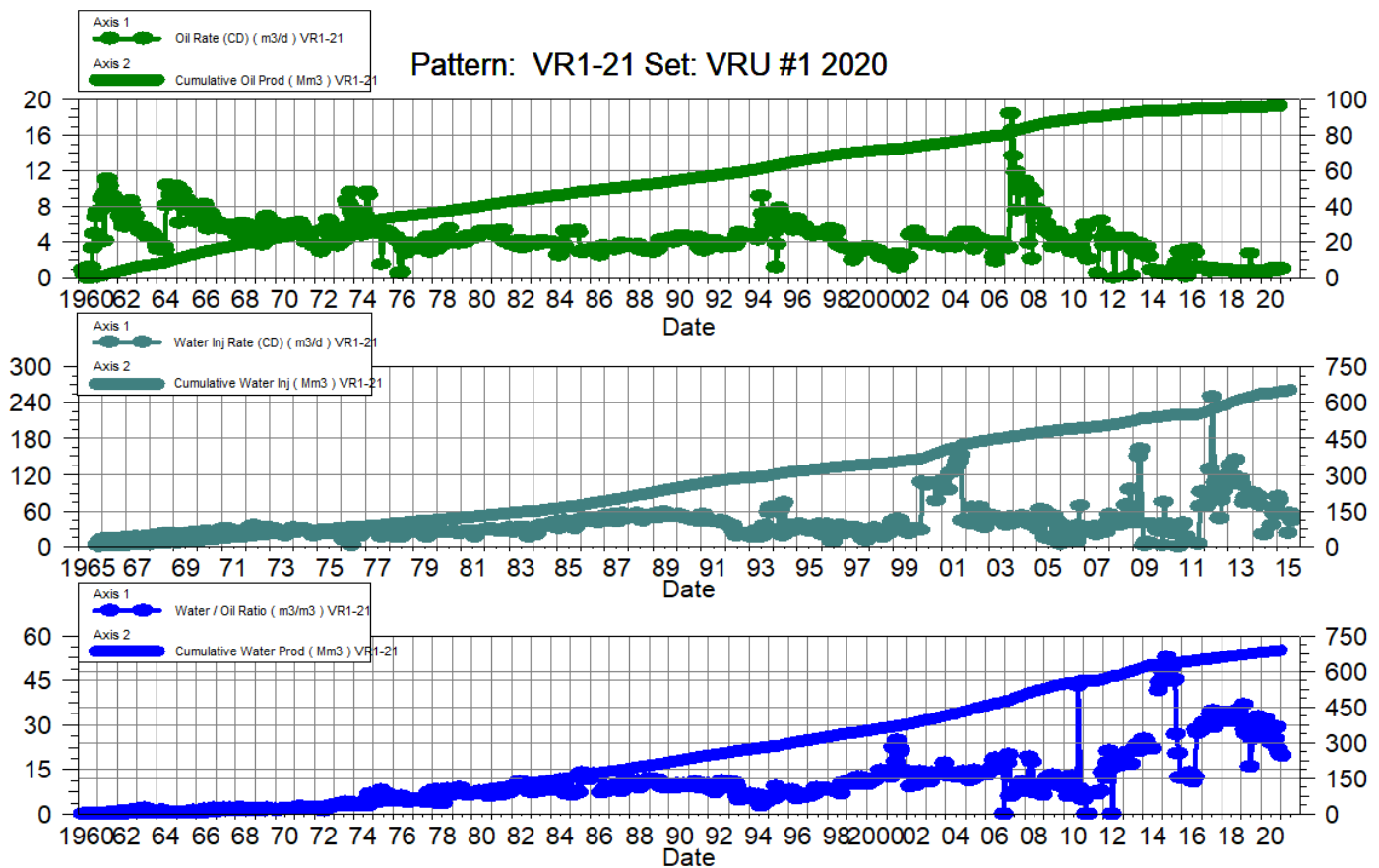
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020		42.75		228.48		169.20			0.62	-
2-29-2020		42.75		228.48		169.20			0.62	-
3-31-2020		42.75		228.48		169.20			0.62	-
4-30-2020		42.75		228.48		169.20			0.62	-
5-31-2020		42.75		228.48		169.20			0.62	-
6-30-2020		42.75		228.48		169.20			0.62	-
7-31-2020		42.75		228.48		169.20			0.62	-
8-31-2020		42.75		228.48		169.20			0.62	-
9-30-2020		42.75		228.48		169.20			0.62	-
10-31-2020		42.75		228.48		169.20			0.62	-
11-30-2020		42.75		228.48		169.20			0.62	-
12-31-2020		42.75		228.48		169.20			0.62	-



# VRU No. 1

## Pattern P-21 - 00/11-21-010-25W1/0

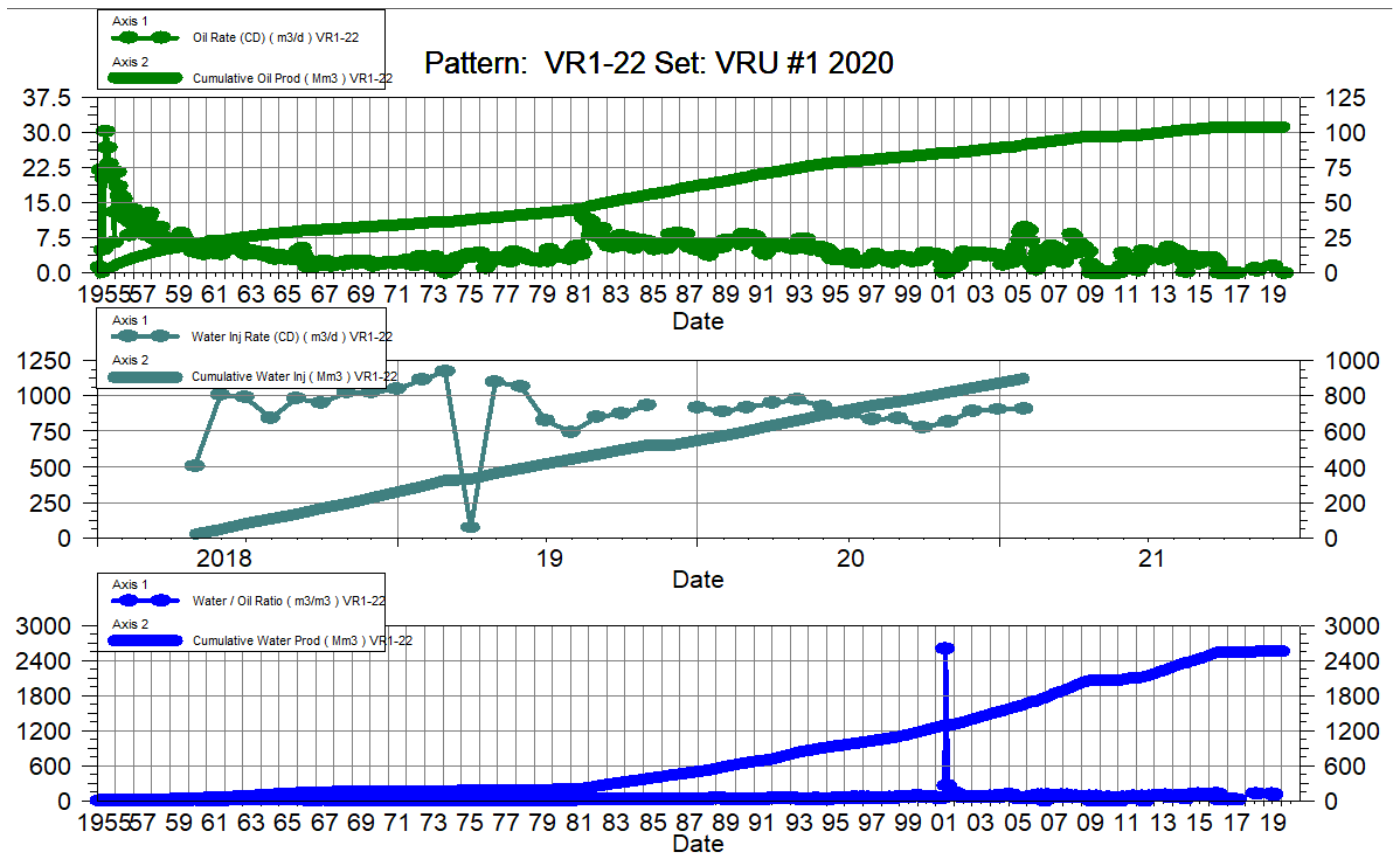
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.86	96.32	24.74	678.59		656.98	28.72		0.85	5,000.00
2-29-2020	0.80	96.35	22.32	679.23		656.98	28.03		0.85	5,000.00
3-31-2020	0.79	96.37	25.03	680.01		656.98	31.87		0.84	5,000.00
4-30-2020	0.84	96.40	23.11	680.70		656.98	27.45		0.84	5,000.00
5-31-2020	0.91	96.42	23.34	681.43		656.98	25.61		0.84	5,000.00
6-30-2020	0.80	96.45	22.74	682.11		656.98	28.60		0.84	5,000.00
7-31-2020	1.05	96.48	24.89	682.88		656.98	23.71		0.84	5,000.00
8-31-2020	1.07	96.51	26.15	683.69		656.98	24.38		0.84	5,000.00
9-30-2020	1.02	96.54	25.58	684.46		656.98	25.12		0.84	5,000.00
10-31-2020	1.01	96.57	29.23	685.36		656.98	28.99		0.84	5,000.00
11-30-2020	1.05	96.61	22.66	686.04		656.98	21.54		0.84	5,000.00
12-31-2020	1.07	96.64	21.60	686.71		656.98	20.20		0.84	5,000.00



# VRU No. 1

## Pattern P-22 - 00/09-26-010-26W1/0

Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020		104.36		2556.61	891.74	579.44			0.22	-
2-29-2020	0.00	104.36	0.00	2556.61	921.52	606.16			0.23	-
3-31-2020		104.36		2556.61	952.81	635.70			0.24	-
4-30-2020		104.36		2556.61	980.43	665.11			0.25	-
5-31-2020		104.36		2556.61	927.61	693.87			0.26	-
6-30-2020		104.36		2556.61	882.23	720.34			0.27	-
7-31-2020		104.36		2556.61	839.19	746.35			0.28	-
8-31-2020		104.36		2556.61	843.26	772.49			0.29	211
9-30-2020		104.36		2556.61	777.37	795.81			0.30	6,549
10-31-2020		104.36		2556.61	824.00	821.36			0.31	6,549
11-30-2020		104.36		2556.61	895.53	848.22			0.32	6,549
12-31-2020		104.36		2556.61	908.01	876.37			0.33	6,549



## VRU No. 1

### Pattern P-23 - 00/01-36-010-26W1/0 &

### 00/02-36-010-26W1/0

Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	2.71	41.90	50.32	336.62	54.16	10.35	18.55	1.02	0.03	-	-
2-29-2020	3.58	42.00	56.14	338.25	54.69	11.94	15.68	0.92	0.03	-	-
3-31-2020	7.64	42.24	55.47	339.97	53.52	13.60	7.26	0.85	0.04	-	-
4-30-2020	8.47	42.49	41.93	341.22	64.47	15.53	4.95	1.28	0.04	-	-
5-31-2020	7.93	42.74	43.23	342.56	58.39	17.34	5.45	1.14	0.05	-	-
6-30-2020	6.65	42.94	42.39	343.84	62.77	19.23	6.38	1.28	0.05	-	-
7-31-2020	4.14	43.07	57.87	345.63	73.61	21.51	13.97	1.19	0.06	-	-
8-31-2020	3.26	43.17	66.39	347.69	93.06	24.39	20.36	1.34	0.06	225.35	224.19
9-30-2020	1.45	43.21	41.61	348.94	50.50	25.91	28.63	1.17	0.07	6,986.00	6,950.00
10-31-2020	1.24	43.25	71.17	351.14	352.45	36.83	57.46	4.87	0.09	6,986.00	6,950.00
11-30-2020	1.39	43.29	55.31	352.80	97.77	39.77	39.89	1.72	0.10	6,986.00	6,950.00
12-31-2020	1.35	43.33	55.51	354.52	99.33	42.85	41.17	1.75	0.11	6,986.00	6,950.00

