

Daly Unit No. 3
2020 Annual EOR Report

Executive Summary

In 2020, oil production in Daly Unit No. 3 was 223 m³/d (1,403 bbl/d) totaling 81.6 e³m³ (513.5 mbbl). Annual production declined by 6.6% from 2019 to 2020 using the average production for the year. Comparing December 2019 to December 2020 the production increased by 15.3%. This increase in production is entirely through the drilling horizontal multistage fractured wells within the unit. By the end of 2020 cumulative oil production from the Daly Unit No. 3 was 2,489 e³m³ (15.7 mmbbl).

In December 2020 there were 68 producing oil wells (including crossover wells with the bottom hole location in Daly Unit No. 3), and 2 water injection well were active in the unit.

Discussion

By 1957 the bulk of the development drilling was complete and since then little development occurred prior to Corex operatorship. Water injection began 2 years after the initial production and provided pressure support immediately. Peak production occurred in 1955 at 213 m³/d (1,340 bbl/d). In 1984 more producing wells began to be converted to injection wells. As a result of increased water injection, production went from ~75 m³/d in 1984 to ~95 m³/d in 1992. This is a very poor increase in production with secondary recovery, the waterflood response was muted compared to all the other units and did not appear to be very successful.

Horizontal drilling has been done previously within the unit. In 1996 two wells were drilled and in 1997 three wells were drilled. These unstimulated horizontal wells produce at modest rates, but have high oil cut and added valuable incremental recoverable reserves to the unit. The low decline production profile of these wells contrasts significantly to horizontal wells produced under primary recovery indicating effective pressure maintenance. Their impact is shown below at a cumulative oil recovery of 1,700 e³m³ (10.7 MMbbl). In 2014, three horizontals in the Middle Daly and a vertical Crinoidal well were drilled in the unit. In 2015, an additional two Middle Daly wells were drilled as well as a Crinoid vertical well. In 2016, two re-entry legs were drilled off of an existing Daly horizontal well. In 2017, six Daly horizontals, one Crinoidal, and one Crinoidal re-entry were drilled within the unit. In 2018, 17 wells were drilled within the unit. In 2019, eight wells were drilled within the unit. In 2020, six wells were drilled within the unit and one well was converted to injection. The wells, especially the horizontals, were successful and greatly improved unit production.

The significant operations in 2020 are as follows:

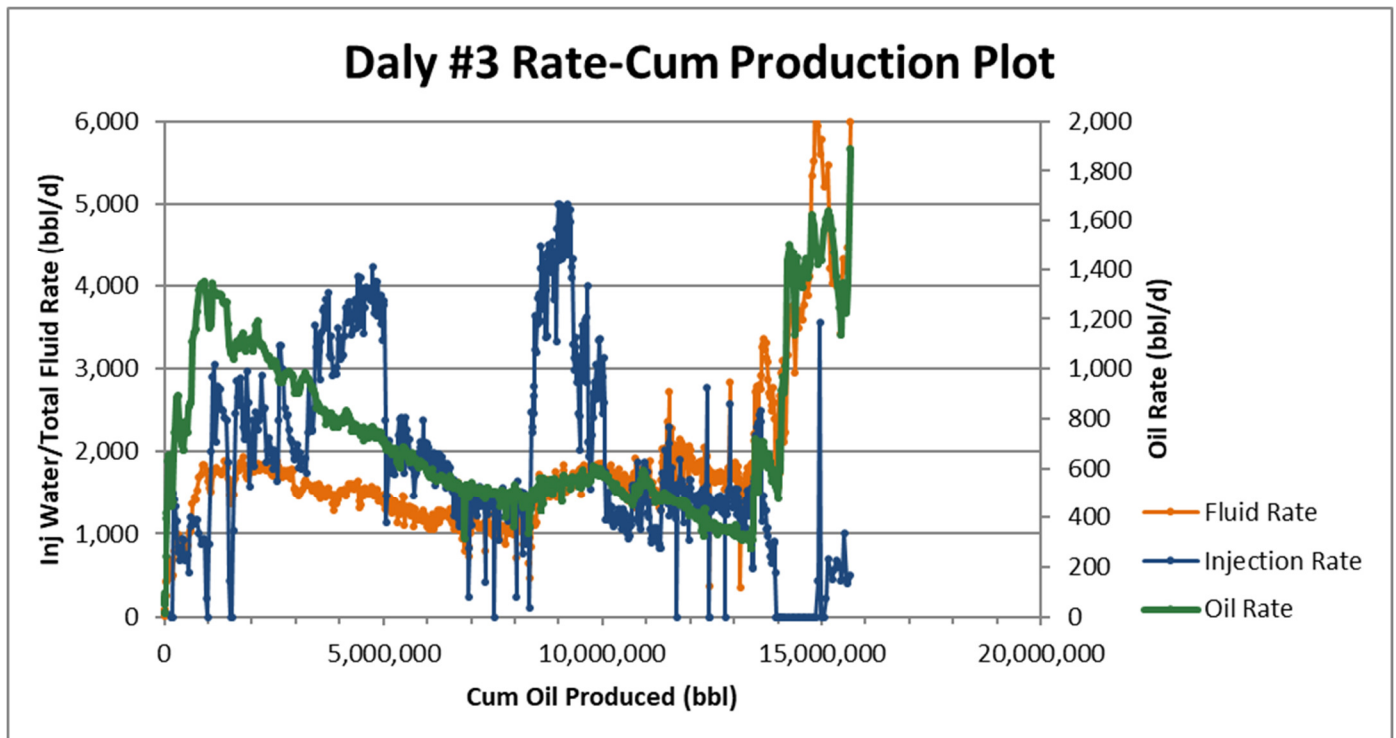
- January 2020, perform a water shut off on the 103/12-13-010-28W1/00 well.
- February 2020, abandon the 100/08-11-010-28W1/00 vertical well.
- September 2020, drill the 105/05-02-010-28W1/00 horizontal well in the Daly formation.
- September 2020, drill the 103/08-11-010-28W1/00 horizontal well in the Daly formation.
- September 2020, drill the 103/12-12-010-28W1/00 horizontal well in the Daly formation.
- September 2020, drill the 102/12-12-010-28W1/00 horizontal well in the Daly formation.

- October 2020, drill the 102/01-11-010-28W1/00 horizontal well in the Daly formation.
- October 2020, drill the 102/04-12-010-28W1/00 horizontal well in the Daly formation.
- October 2020, convert the 104/15-01-010-28W1/00 horizontal well to injection.

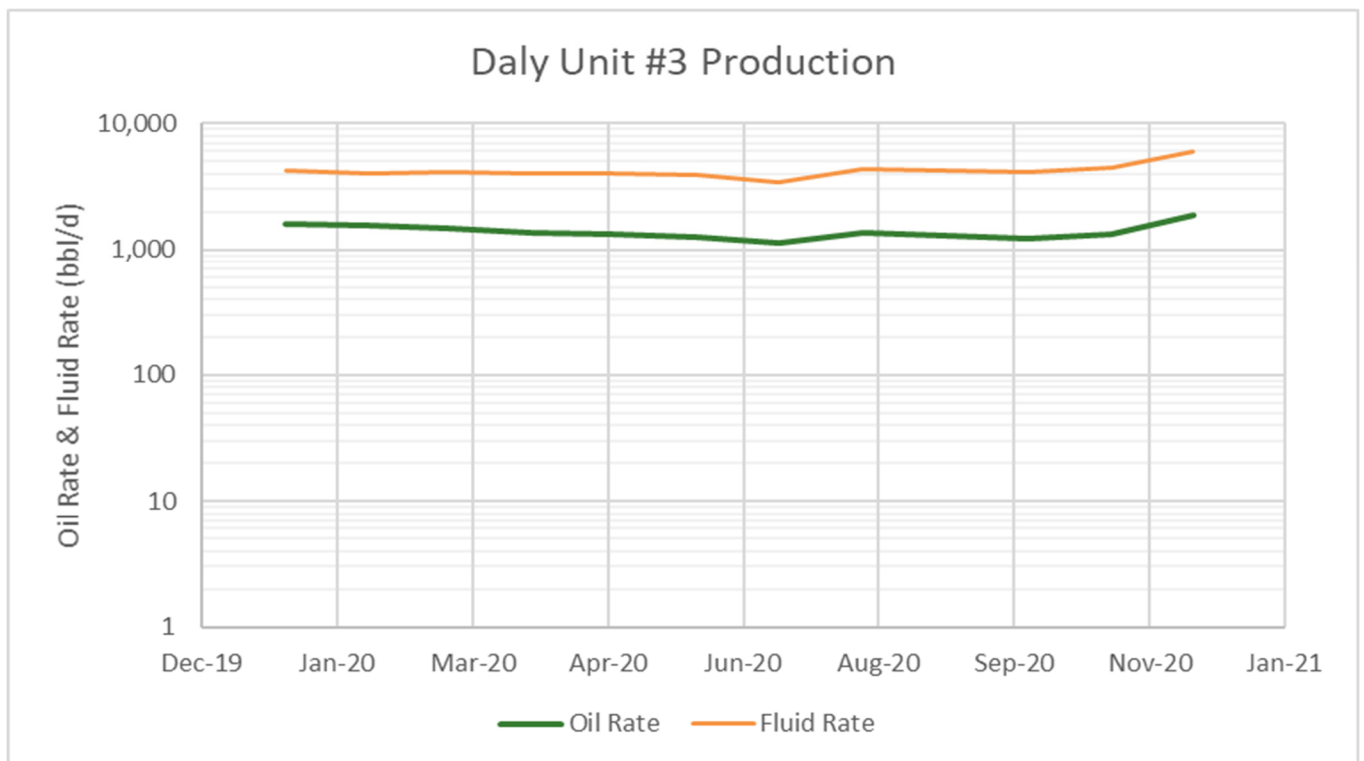
Historically, the waterflood has not been particularly effective, as the high oil cuts throughout the unit can attest. The water may have provided pressure support, but it appears as if there was very little effective sweep in the reservoir and water, in general, has not broken through. This is apportioned to out of zone injection. With the currently high oil cuts it is easier to drill in the unit, but effective secondary recovery will need to be implemented. Furthermore, Chevron while drilling lost a well when they encountered 15 MPa in the Amaranth formation, clearly due to out of zone injection. In some of the wells the casing did not reach past the Amaranth and so injection water was placed in the zone and pressured it up. Therefore, Corex implements extra precautions when drilling in the unit, ensuring the safe drilling of wells. The unit has plenty of potential and improving the waterflood would be beneficial; however, the old verticals should not be considered for injection conversion. Currently, two horizontal wells are injecting at 91 m³/d (573 bbl/d). The producing WOR increased slightly to 2.0 m³/m³. The injected water is now filtered and treated.

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

Daly #3 – Rate vs Cum Oil Production



Daly #3 – Rate vs Time



2020 Reservoir Pressure Surveys

Unit	UWI	License	Test Type	Date of Pressure	Duration of SI (days)	Datum BHP (kPaa)
Daly #3	100/10-01-010-28W1/00	169	FL Shot	2020-06-02	306	5,778
Daly #3	100/10-01-010-28W1/00	169	FL Shot	2020-12-18	505	5,796
Daly #3	100/11-01-010-28W1/00	1801	FL Shot	2020-06-02	1171	1,817
Daly #3	100/11-01-010-28W1/00	1801	FL Shot	2020-12-18	1388	1,038
Daly #3	100/14-01-010-28W1/00	176	FL Shot	2020-05-15	6558	6,109
Daly #3	100/14-01-010-28W1/00	176	FL Shot	2020-12-20	6777	5,726
Daly #3	100/13-02-010-28W1/00	216	FL Shot	2020-05-20	1907	4,617
Daly #3	100/13-02-010-28W1/00	216	FL Shot	2020-12-20	2121	4,611
Daly #3	100/16-02-010-28W1/00	230	FL Shot	2020-05-20	1357	1,892
Daly #3	100/16-02-010-28W1/00	230	FL Shot	2020-12-20	1571	1,709
Daly #3	100/02-11-010-28W1/00	77	FL Shot	2020-05-15	1140	4,412
Daly #3	100/02-11-010-28W1/00	77	FL Shot	2020-12-20	1359	3,802
Daly #3	100/06-11-010-28W1/00	921	FL Shot	2020-05-20	1145	3,059
Daly #3	100/06-11-010-28W1/00	921	FL Shot	2020-12-20	1359	2,870
Daly #3	100/08-11-010-28W1/00	193	FL Shot	2020-02-12	1047	4,341
Daly #3	100/10-11-010-28W1/00	930	FL Shot	2020-05-20	1145	3,864
Daly #3	100/10-11-010-28W1/00	930	FL Shot	2020-12-20	1359	3,499
Daly #3	100/12-11-010-28W1/00	941	FL Shot	2020-05-20	1846	3,550
Daly #3	100/12-11-010-28W1/00	941	FL Shot	2020-12-20	2060	3,231
Daly #3	100/14-11-010-28W1/00	945	FL Shot	2020-05-15	1140	2,487
Daly #3	100/14-11-010-28W1/00	945	FL Shot	2020-12-20	1359	2,487
Daly #3	100/02-12-010-28W1/00	36	FL Shot	2020-05-15	1140	2,929
Daly #3	100/02-12-010-28W1/00	36	FL Shot	2020-12-20	1359	3,495
Daly #3	100/03-12-010-28W1/00	183	FL Shot	2020-07-17	12	1,009
Daly #3	100/04-12-010-28W1/00	223	FL Shot	2020-05-20	1570	3,917
Daly #3	100/04-12-010-28W1/00	223	FL Shot	2020-12-20	1784	5,176
Daly #3	1A0/05-12-010-28W1/00	4289	FL Shot	2020-05-20	1399	6,676
Daly #3	1B0/05-12-010-28W1/00	4290	FL Shot	2020-05-20	1159	4,748
Daly #3	100/05-12-010-28W1/00	189	FL Shot	2020-07-17	12	2,120
Daly #3	1A0/05-12-010-28W1/00	4289	FL Shot	2020-12-20	1633	6,210
Daly #3	1B0/05-12-010-28W1/00	4290	FL Shot	2020-12-20	1390	4,959
Daly #3	100/06-12-010-28W1/00	263	FL Shot	2020-05-15	1352	6,037
Daly #3	100/06-12-010-28W1/00	263	FL Shot	2020-12-20	1571	4,402
Daly #3	100/09-12-010-28W1/00	1043	FL Shot	2020-12-20	1755	4,105

Unit	UWI	License	Test Type	Date of Pressure	Duration of SI (days)	Datum BHP (kPaa)
Daly #3	100/10-12-010-28W1/00	167	FL Shot	2020-05-20	1145	6,106
Daly #3	100/10-12-010-28W1/00	167	FL Shot	2020-12-20	1359	5,338
Daly #3	100/12-12-010-28W1/00	214	FL Shot	2020-05-15	1140	5,554
Daly #3	1A0/12-12-010-28W1/00	4291	FL Shot	2020-07-17	12	2,481
Daly #3	100/12-12-010-28W1/00	214	FL Shot	2020-12-20	1359	3,326
Daly #3	1B0/13-12-010-28W1/00	4293	FL Shot	2020-07-17	12	1,544
Daly #3	100/14-12-010-28W1/00	482	FL Shot	2020-05-15	1140	6,604
Daly #3	1B0/14-12-010-28W1/00	4294	FL Shot	2020-05-15	1140	4,572
Daly #3	100/14-12-010-28W1/00	482	FL Shot	2020-12-20	1359	6,585
Daly #3	1B0/14-12-010-28W1/00	4294	FL Shot	2020-12-20	1359	4,140
Daly #3	100/04-13-010-28W1/00	576	FL Shot	2020-05-15	1124	4,502
Daly #3	100/04-13-010-28W1/00	576	FL Shot	2020-12-20	1359	4,119
Daly #3	100/07-13-010-28W1/00	706	FL Shot	2020-05-15	1140	1,800
Daly #3	100/07-13-010-28W1/00	706	FL Shot	2020-12-20	1359	1,800
Daly #3	100/03-14-010-28W1/00	1061	FL Shot	2020-07-17	12	1,710
Daly #3	100/04-14-010-28W1/00	1189	FL Shot	2020-05-20	1145	4,842
Daly #3	100/04-14-010-28W1/00	1189	FL Shot	2020-12-20	1359	4,829
Daly #3	100/02-24-010-28W1/00	847	FL Shot	2020-07-17	12	700
Daly #3	100/07-24-010-28W1/00	1104	FL Shot	2020-07-17	12	472

In 2020, a total of 53 pressures were recorded, however, this includes duplicates on the same well at different times, of these pressures only 31 are taken from unique wells. From this survey the average reservoir pressure recorded is 3,800 kPa. Removing pressures with shorter shut-in times results in an average pressure of 4,200 kPa, taking only the wells that have a shorter duration of shut-in results an average pressure of 1,400 kPa. Historically, pressures taken with only short shut-in times within this unit have resulted in poor quality data. This indicates that the permeability of the formation is too low to build properly unless there is a significant shut-in duration. Therefore, the average pressure within the unit is likely closer to 4,500 kPa. However, it is indisputable that since all injection within the unit in the vertical wells has stopped the unit pressure has declined significantly. We have seen this in the pressure surveys as well as sharper declining production than expected on the base vertical wells. There are plans to begin converting some of the horizontal wells to injection, which will help to provide pressure support within the unit. However, this will only be within localized areas, not throughout the entirety of the unit for some time. The initial reservoir pressure is estimated at 6,585 kPaa and the bubble point pressure as 1,515 kPaa.

There are some wells in the unit with noticeably low pressures. Oddly, historical data shows many producers surrounded by injectors have had low pressures in the 1,000

kPa range, further indicating poor sweep efficiency and out of zone injection. This observation is supported by the data collected in 2015, where some very low pressures were seen in the producing wells, this has been replicated in the 2020 pressure survey. For a unit that has been under water flood for 58 years, clearly the water is not in zone to provide pressure support. The large periods where, historically, they over injected likely contributed to the out of zone injection. Despite many producers near to injectors with low pressures there are also wells far away from injection that have been seen to have high pressures that cannot be easily rationalized. The huge range in pressures in wells close to injectors and producers with high oil cuts indicate that there is poor communication between many of the injectors and the producers and that the waterflood cannot be taken to be successful. Considering this, the unit has plenty of opportunity if a successful waterflood is implemented, as seen in the other units.

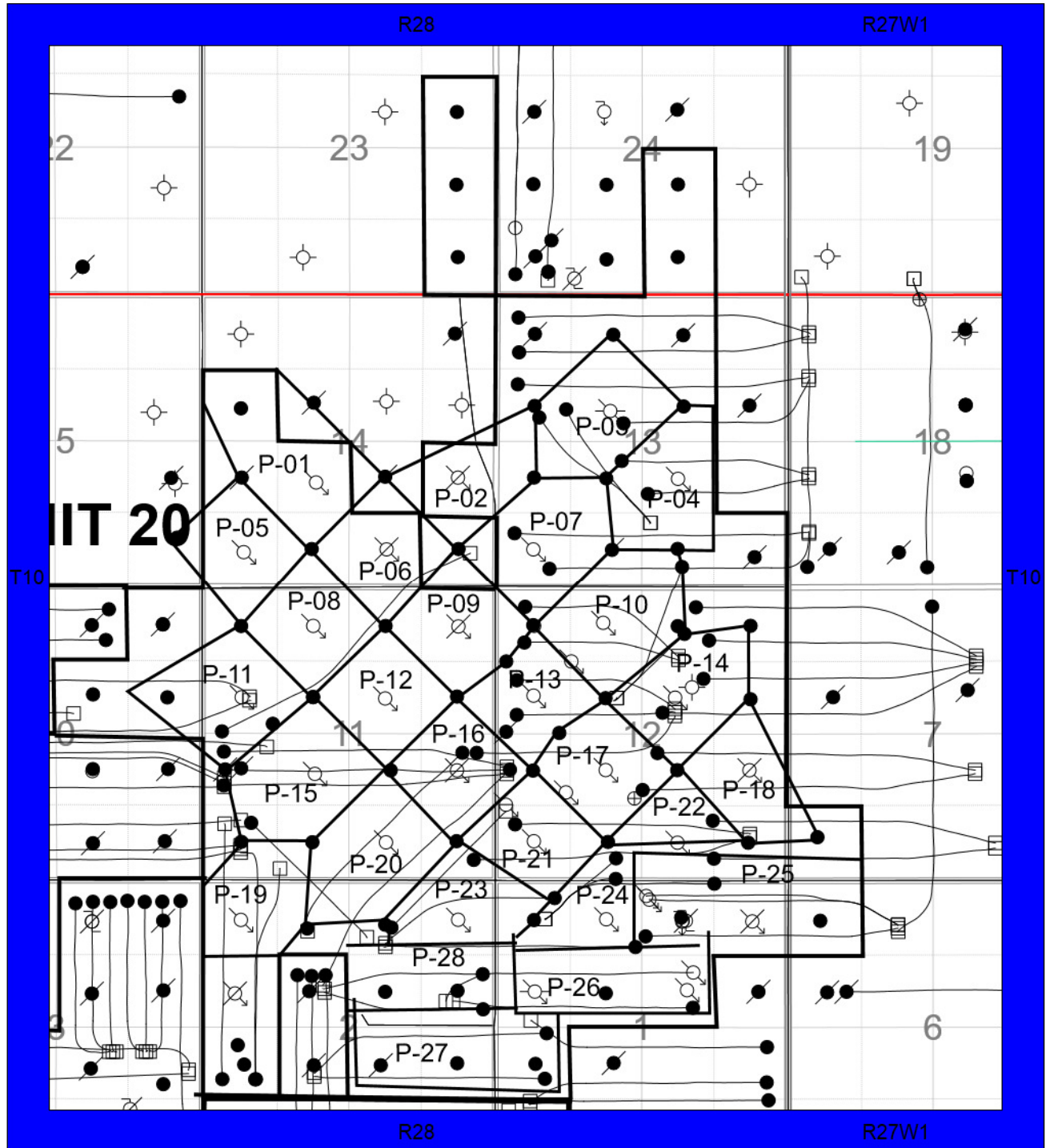
In 2020, the Instantaneous Voidage Replacement Ratio (VRR) averaged 0.13 this is quite low as there is only one small area under injection and there is no longer any vertical injection. The cumulative VRR at year end was 1.09, continuing to drop. It is encouraging that the over injection is being reduced. However, in the long-term, waterflood support will be needed to maintain the pressure, especially with the extensive infill drilling that has been done. It is also important to note that any out of zone injection is not considered for these calculations. 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.

2020 Well Servicing

UWI	Unit	Licence	Start Date	Job Category	Primary Job Type
103/12-12-010-28W1/00	DU#3	11436	2020-06-04 8:00	Construction	Construction
103/12-12-010-28W1/00	DU#3	11436	2020-09-08 0:00	Facilities	Equip & Tie-In
103/12-12-010-28W1/00	DU#3	11436	2020-09-23 14:00	Drilling	Drilling - original
103/12-12-010-28W1/00	DU#3	11436	2020-10-16 12:00	Completion/Workover	Initial Completion
TRANSFER PUMP - 05-18-10-27	DU#3	FF20DAL012	2020-11-30 7:30	Facilities	Install Transfer Pump
100/08-11-010-28W1/00	DU#3	000193	2020-02-13 7:30	Abandon	Abandon Well
100/08-11-010-28W1/00	DU#3	000193	2020-03-01 9:11	Facilities	Reclamation
103/12-13-010-28W1/00	DU#3	11000	2020-01-10 11:00	Completion/Workover	Water Shut Off
103/12-13-010-28W1/00	DU#3	11000	2020-09-03 7:30	Completion/Workover	Upsize Pump
100/14-12-010-28W1/00	DU#3	000482	2020-07-29 7:30	Completion/Workover	Packer Repair
ASSINIBOINE COATING - DU3	DU#3	FF20DAL013	2020-10-30 7:24	Facilities	Header Repair
102/04-12-010-28W1/00	DU#3	11447	2020-09-08 0:00	Facilities	Equip & Tie-In
102/04-12-010-28W1/00	DU#3	11447	2020-09-28 0:00	Construction	Construction
102/04-12-010-28W1/00	DU#3	11447	2020-10-12 12:00	Drilling	Drilling - original
102/04-12-010-28W1/00	DU#3	11447	2020-10-17 14:00	Completion/Workover	Initial Completion
100/12-12-010-28W1/00	DU#3	000214	2020-07-28 7:30	Completion/Workover	Packer Repair
SITE SPECIFIC RISK ASSESSMENT - 15-01-10-	DU#3	R20DAL006	2020-10-19 21:17	Facilities	Remediation
100/09-11-010-28W1/00	DU#3	000837	2020-02-26 10:00	Completion/Workover	Pump Repair
102/01-11-010-28W1/00	DU#3	11446	2020-07-31 8:00	Construction	Construction
102/01-11-010-28W1/00	DU#3	11446	2020-10-07 0:00	Drilling	Drilling - original
102/01-11-010-28W1/00	DU#3	11446	2020-10-17 11:00	Completion/Workover	Initial Completion
102/01-11-010-28W1/00	DU#3	11446	2020-10-21 0:00	Facilities	Equip & Tie-In
103/04-13-010-28W1/00	DU#3	11120	2020-09-11 9:00	Completion/Workover	Upsize Pump
103/10-01-010-28W1/00	DU#3	10422	2020-03-13 9:00	Completion/Workover	Acid Treatment
102/12-12-010-28W1/00	DU#3	11435	2020-06-04 8:00	Construction	Construction
102/12-12-010-28W1/00	DU#3	11435	2020-07-27 0:00	Facilities	Equip & Tie-In
102/12-12-010-28W1/00	DU#3	11435	2020-09-27 0:00	Drilling	Drilling - original
102/12-12-010-28W1/00	DU#3	11435	2020-10-16 14:00	Completion/Workover	Initial Completion
104/05-11-010-28W1/00	DU3 / DNU	11261	2020-02-19 13:30	Completion/Workover	Pump Repair
104/05-11-010-28W1/00	DU3 / DNU	11261	2020-06-25 13:00	Completion/Workover	Pump Repair
1B0/14-12-010-28W1/00	DU#3	004294	2020-07-29 12:00	Completion/Workover	Packer Repair
105/05-02-010-28W1/00	DU#3	11442	2020-03-09 8:00	Construction	Construction
105/05-02-010-28W1/00	DU#3	11442	2020-09-08 0:00	Facilities	Equip & Tie-In
105/05-02-010-28W1/00	DU#3	11442	2020-09-14 8:00	Drilling	Drilling - original
105/05-02-010-28W1/00	DU#3	11442	2020-10-15 8:00	Completion/Workover	Initial Completion
PIPELINE INSTALLATION - 05-12	DU#3	P20DAL003	2020-10-25 0:00	Facilities	Pipelines

UWI	Unit	Licence	Start Date	Job Category	Primary Job Type
100/15-02-010-28W1/00	DU#3	000168	2020-02-18 7:30	Completion/Workover	Pump Repair
102/03-12-010-28W1/00	DU#3	004733	2020-07-30 7:30	Completion/Workover	Pump Repair
BARBED WIRE FENCE - 02-11-10-28 BTY	DU#3	RM20DAL01 2	2020-09-29 8:00	Facilities	Major Surface R&M
NEOINSULATION INSTALL - 05-12 & 15-12-	DU#3	FF20DAL01 0	2020-10-23 9:45	Facilities	Insulate and Heat Trace for Compressor
100/10-12-010-28W1/00	DU#3	000167	2020-07-23 7:30	Completion/Workover	Packer Repair
103/08-11-010-28W1/00	DU#3	11434	2020-05-22 7:00	Construction	Construction
103/08-11-010-28W1/00	DU#3	11434	2020-09-08 0:00	Facilities	Equip & Tie-In
103/08-11-010-28W1/00	DU#3	11434	2020-09-19 0:00	Drilling	Drilling - original
103/08-11-010-28W1/00	DU#3	11434	2020-10-16 10:00	Completion/Workover	Initial Completion
HEADER INSTALL - 10-12- 10-28	DU#3	FF20DAL00 1	2020-09-14 0:00	Facilities	Header / Separator Install
104/15-01-010-28W1/00	DU#3	10716	2020-10-09 7:30	Completion/Workover	Injection Conversion
104/15-01-010-28W1/00	DU#3	10716	2020-10-27 14:50	Facilities	Injection Pipeline
TURNAROUND - 02-11-10- 28 BATTERY	DU#3	T20DAL004	2020-07-06 8:37	Facilities	Turnaround
PIPELINE LEAK DETECTION 13-01 to 05-	DU#3	RM20DAL00 3	2020-07-08 0:00	Facilities	Major Surface R&M
100/07-12-010-28W1/00	DU#3	000018	2020-11-30 15:00	Completion/Workover	Pump Repair
PIPELINE INSTALLATION - 07-12-	DU#3	P20DAL004	2020-09-14 0:00	Facilities	Pipelines
100/11-34-011-26W1/00	NVSU#1	001538	2020-08-31 13:48	Completion/Workover	Injection Conversion
102/04-13-010-28W1/00	DU#3	10831	2020-06-23 15:30	Completion/Workover	Pump Repair
102/13-13-010-28W1/00	DU#3	10971	2020-06-22 12:00	Completion/Workover	Pump Repair
102/13-13-010-28W1/00	DU#3	10971	2020-11-12 14:00	Completion/Workover	Rod Repair
100/04-12-010-28W1/00	DU#3	000223	2020-07-28 12:00	Completion/Workover	Packer Repair
103/13-13-010-28W1/00	DU#3	10972	2020-08-31 7:30	Completion/Workover	Upsize Pump
102/07-12-010-28W1/00	DU#3	10950	2020-03-17 15:00	Completion/Workover	Wellhead Repair

Waterflood Pattern Map

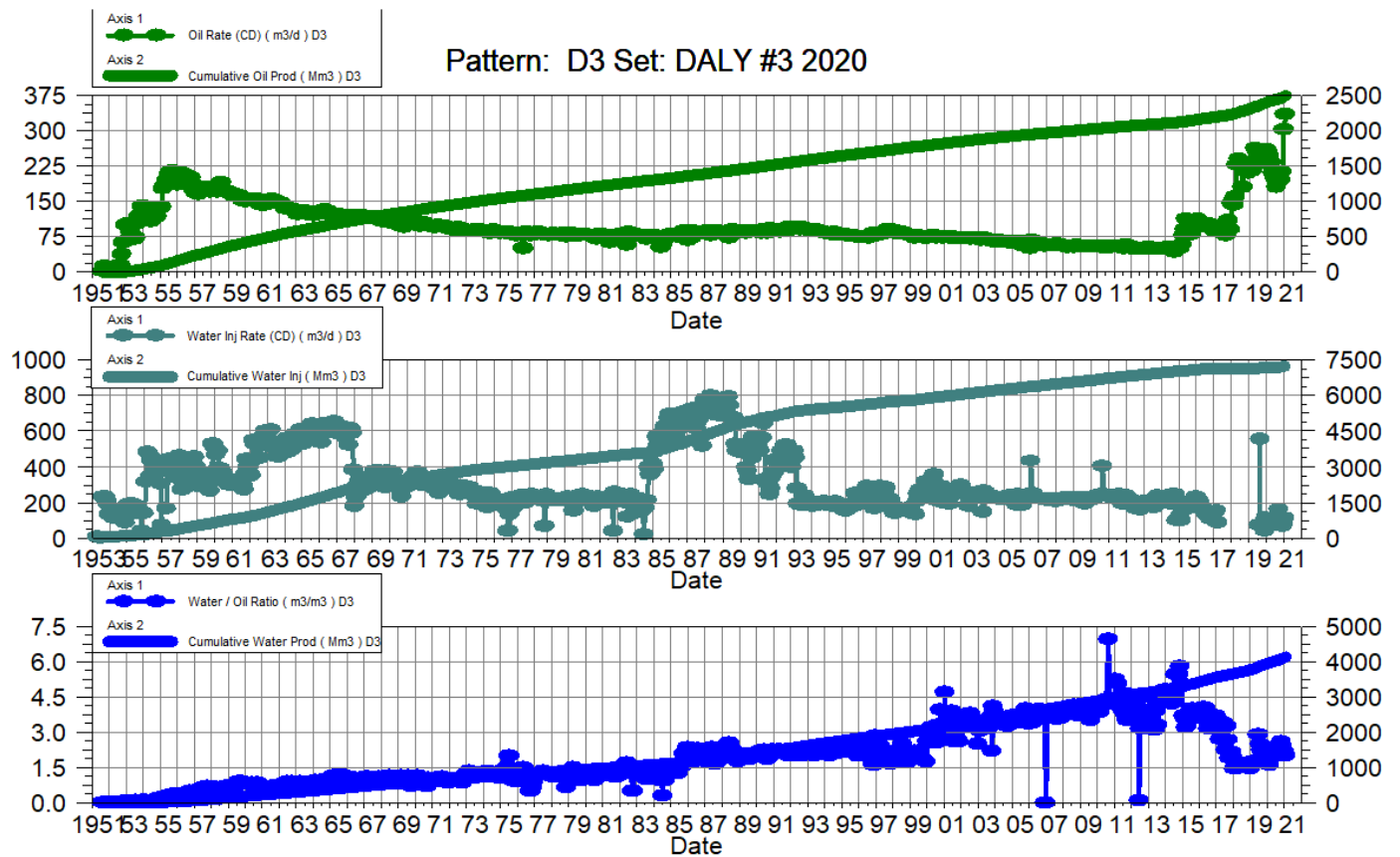


Waterflood Pattern Table

Pattern	Injection Well
P-01	100/06-14-010-28W1/00
P-02	100/08-14-010-28W1/00
P-03	100/11-13-010-28W1/00
P-04	100/07-13-010-28W1/00
P-05	100/04-14-010-28W1/00
P-06	100/02-14-010-28W1/00
P-07	100/04-13-010-28W1/00
P-08	100/14-11-010-28W1/00
P-09	100/16-11-010-28W1/00
P-10	100/14-12-010-28W1/00, 1B0/14-12-010-28W1/00
P-11	100/12-11-010-28W1/00
P-12	100/10-11-010-28W1/00
P-13	100/12-12-010-28W1/00
P-14	100/10-12-010-28W1/00
P-15	100/06-11-010-28W1/00
P-16	100/08-11-010-28W1/00
P-17	100/06-12-010-28W1/00, 1A0/05-12-010-28W1/00
P-18	100/08-12-010-28W1/00
P-19	100/13-02-010-28W1/00
P-20	100/02-11-010-28W1/00
P-21	100/04-12-010-28W1/00, 1B0/05-12-010-28W1/00
P-22	100/02-12-010-28W1/00
P-23	100/16-02-010-28W1/00
P-24	100/14-01-010-28W1/00
P-25	104/15-01-010-28W1/00, 100/16-01-010-28W1/00
P-26	103/10-01-010-28W1/00, 100/10-01-010-28W1/00, 100/12-01-010-28W1/00
P-27	103/05-01-010-28W1/00
P-28	N/A

Total for Daly Unit #3

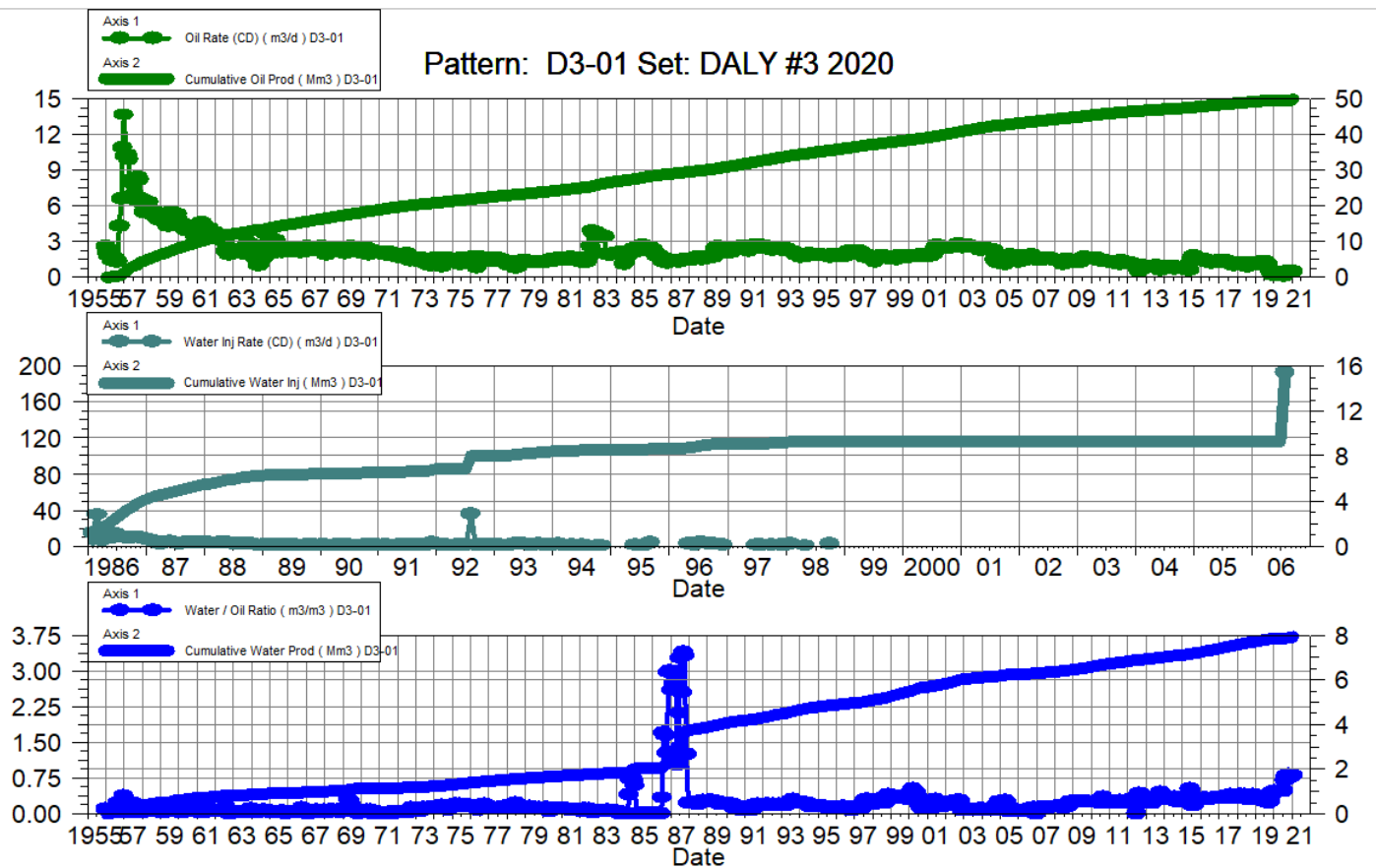
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	256.04	2412.55	416.50	3948.76	88.06	7218.84	1.63	0.13	1.13	1,858.80
2-29-2020	247.59	2419.73	391.70	3960.12	72.72	7220.95	1.58	0.11	1.12	1,859.30
3-31-2020	232.98	2426.95	439.01	3973.73	90.35	7223.75	1.88	0.13	1.12	1,859.30
4-30-2020	210.59	2433.27	425.95	3986.50	107.43	7226.97	2.02	0.17	1.12	1,861.77
5-31-2020	211.88	2439.83	436.31	4000.03	103.52	7230.18	2.06	0.16	1.12	1,866.70
6-30-2020	197.70	2445.77	436.65	4013.13	95.60	7233.05	2.21	0.15	1.11	1,863.80
7-31-2020	180.59	2451.36	372.71	4024.68	70.21	7235.22	2.06	0.13	1.11	1,862.70
8-31-2020	213.68	2457.99	484.60	4039.71	91.55	7238.06	2.27	0.13	1.11	1,856.96
9-30-2020	207.12	2464.20	482.22	4054.17	160.04	7242.86	2.33	0.23	1.10	1,860.67
10-31-2020	195.01	2470.25	502.86	4069.76	71.38	7245.07	2.58	0.10	1.10	1,856.96
11-30-2020	213.61	2476.66	509.88	4085.06	63.57	7246.98	2.39	0.09	1.10	1,854.28
12-31-2020	302.25	2486.03	654.27	4105.34	78.55	7249.42	2.16	0.08	1.09	1,854.28



Daly Unit No. 3

Pattern P-01 - 00/06-14-010-28W1/00

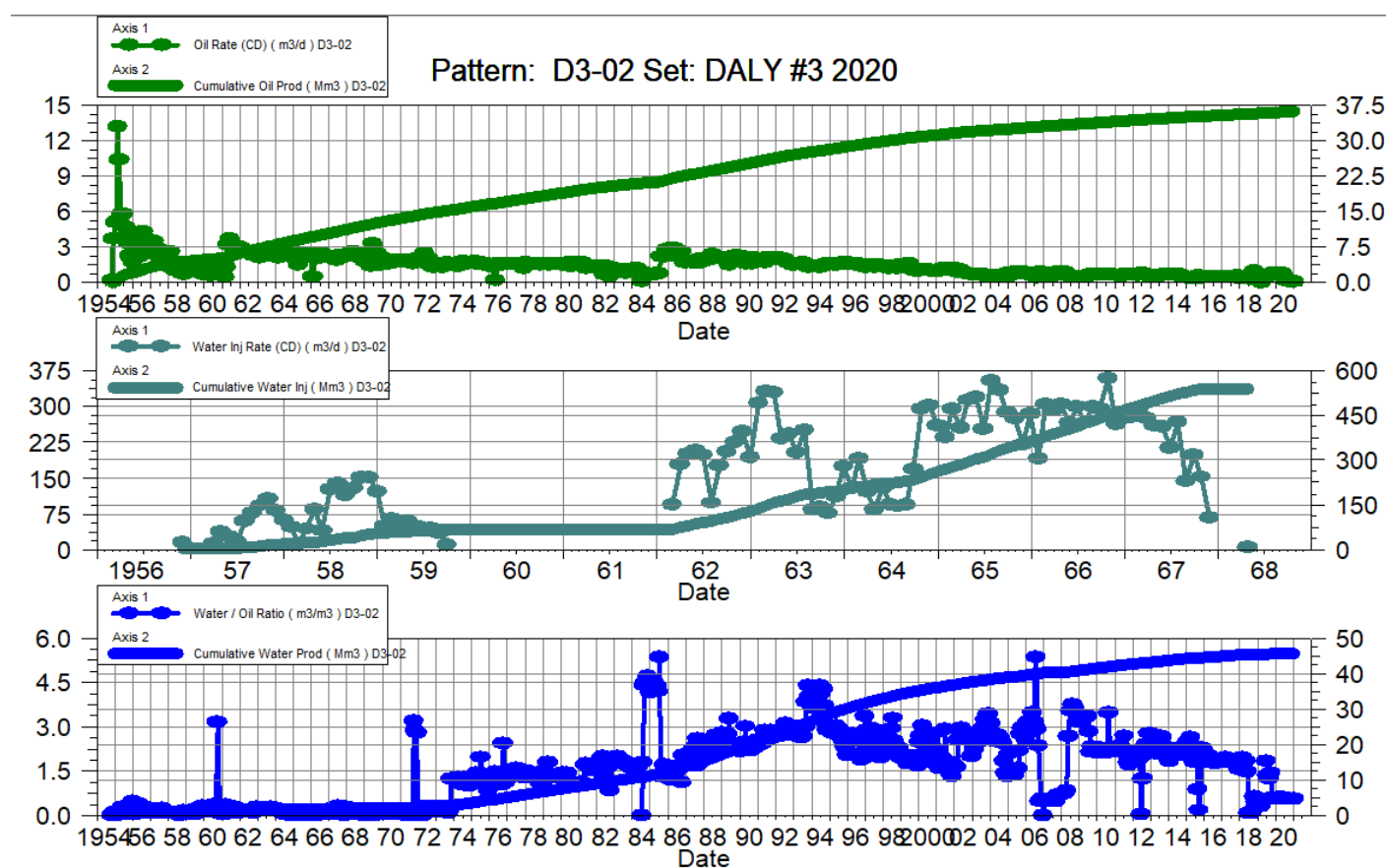
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.26	49.75	0.12	7.82		15.37	0.47		0.26	--
2-29-2020	0.26	49.75	0.11	7.82		15.37	0.44		0.26	--
3-31-2020	0.25	49.76	0.12	7.82		15.37	0.46		0.26	--
4-30-2020	0.26	49.77	0.12	7.83		15.37	0.46		0.26	--
5-31-2020	0.26	49.78	0.12	7.83		15.37	0.48		0.26	--
6-30-2020	0.26	49.79	0.13	7.83		15.37	0.47		0.26	--
7-31-2020	0.16	49.79	0.07	7.84		15.37	0.47		0.26	--
8-31-2020	0.38	49.80	0.26	7.84		15.37	0.69		0.26	--
9-30-2020	0.51	49.82	0.41	7.86		15.37	0.79		0.26	--
10-31-2020	0.52	49.83	0.42	7.87		15.37	0.81		0.26	--
11-30-2020	0.53	49.85	0.42	7.88		15.37	0.78		0.26	--
12-31-2020	0.52	49.87	0.41	7.89		15.37	0.78		0.26	--



Daly Unit No. 3

Pattern P-02 - 00/08-14-010-28W1/00

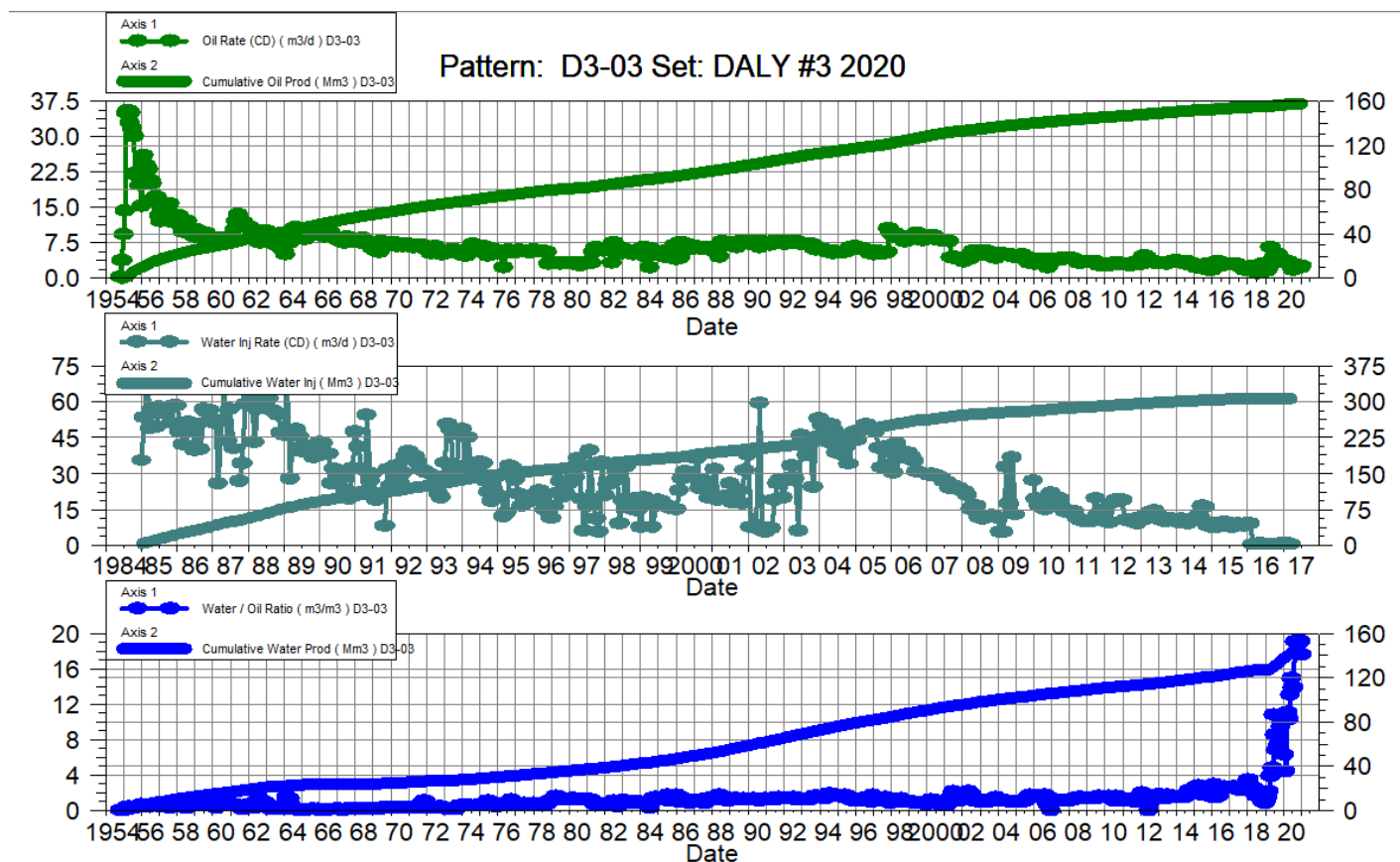
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.83	36.09	0.50	45.51		542.96	0.61		6.60	--
2-29-2020	0.75	36.11	0.43	45.52		542.96	0.57		6.60	--
3-31-2020	0.80	36.14	0.48	45.54		542.96	0.60		6.59	--
4-30-2020	0.83	36.16	0.50	45.55		542.96	0.60		6.59	--
5-31-2020	0.82	36.19	0.50	45.57		542.96	0.61		6.59	--
6-30-2020	0.62	36.21	0.37	45.58		542.96	0.60		6.58	--
7-31-2020	0.20	36.21	0.11	45.58		542.96	0.54		6.58	--
8-31-2020	0.22	36.22	0.12	45.59		542.96	0.54		6.58	--
9-30-2020	0.16	36.22	0.09	45.59		542.96	0.54		6.58	--
10-31-2020	0.13	36.23	0.08	45.59		542.96	0.56		6.58	--
11-30-2020	0.14	36.23	0.07	45.59		542.96	0.54		6.58	--
12-31-2020	0.13	36.24	0.07	45.60		542.96	0.55		6.58	--



Daly Unit No. 3

Pattern P-03 - 00/11-13-010-28W1/00

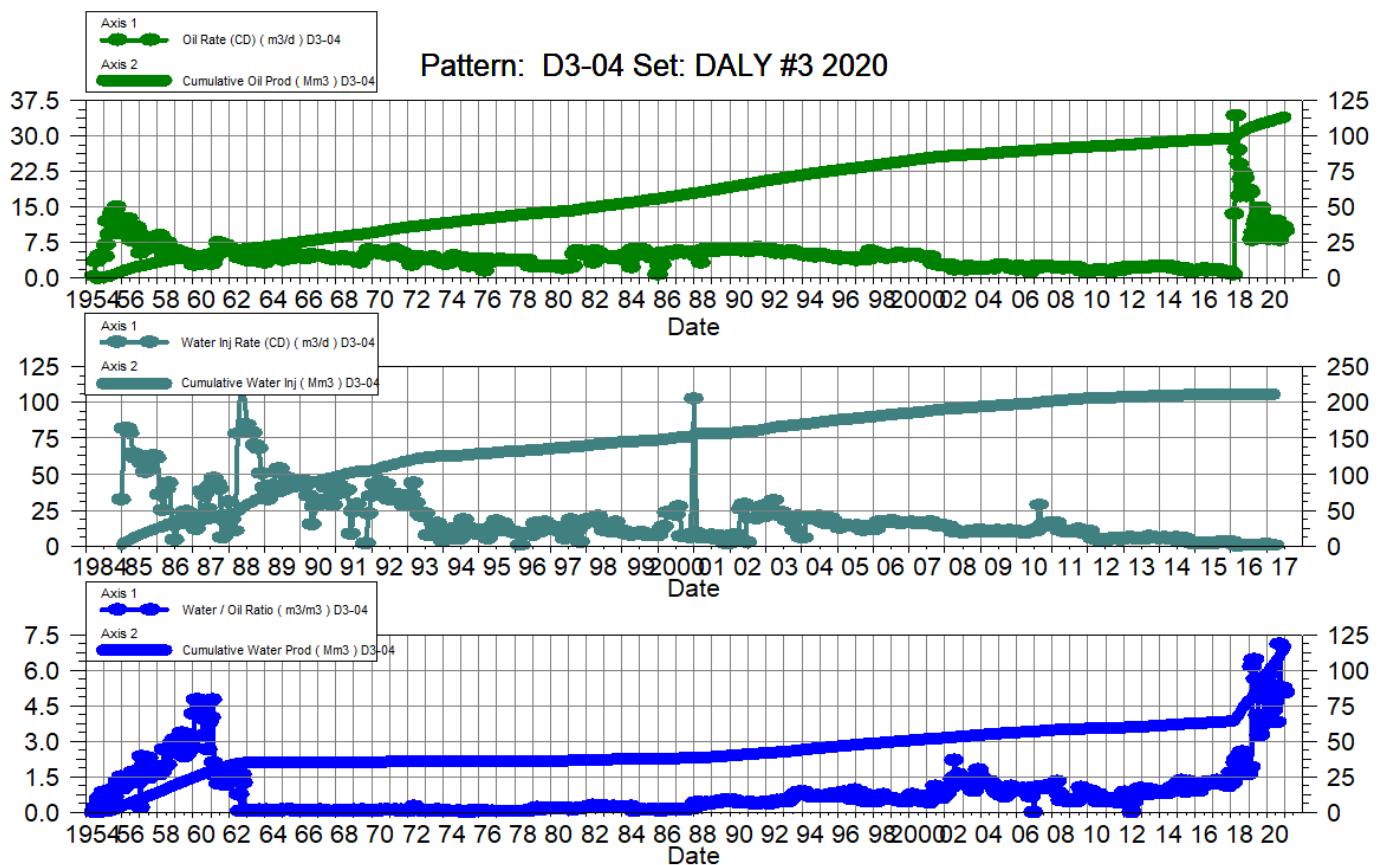
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	3.31	157.30	20.50	137.47		309.69	6.19		1.04	1,700.00
2-29-2020	3.33	157.40	14.73	137.90		309.69	4.42		1.04	1,700.00
3-31-2020	3.32	157.50	36.86	139.04		309.69	11.09		1.03	1,700.00
4-30-2020	3.63	157.61	37.17	140.16		309.69	10.25		1.03	1,700.00
5-31-2020	3.09	157.71	40.44	141.41		309.69	13.09		1.03	1,700.00
6-30-2020	2.80	157.79	41.62	142.66		309.69	14.87		1.02	1,700.00
7-31-2020	1.91	157.85	26.45	143.48		309.69	13.83		1.02	1,700.00
8-31-2020	2.12	157.91	40.25	144.73		309.69	19.01		1.01	1,700.00
9-30-2020	2.51	157.99	44.88	146.07		309.69	17.86		1.01	1,700.00
10-31-2020	2.72	158.07	47.91	147.56		309.69	17.63		1.00	1,700.00
11-30-2020	2.27	158.14	43.49	148.86		309.69	19.19		1.00	1,700.00
12-31-2020	2.26	158.21	42.97	150.19		309.69	19.01		0.99	1,700.00



Daly Unit No. 3

Pattern P-04 - 00/07-13-010-28W1/00

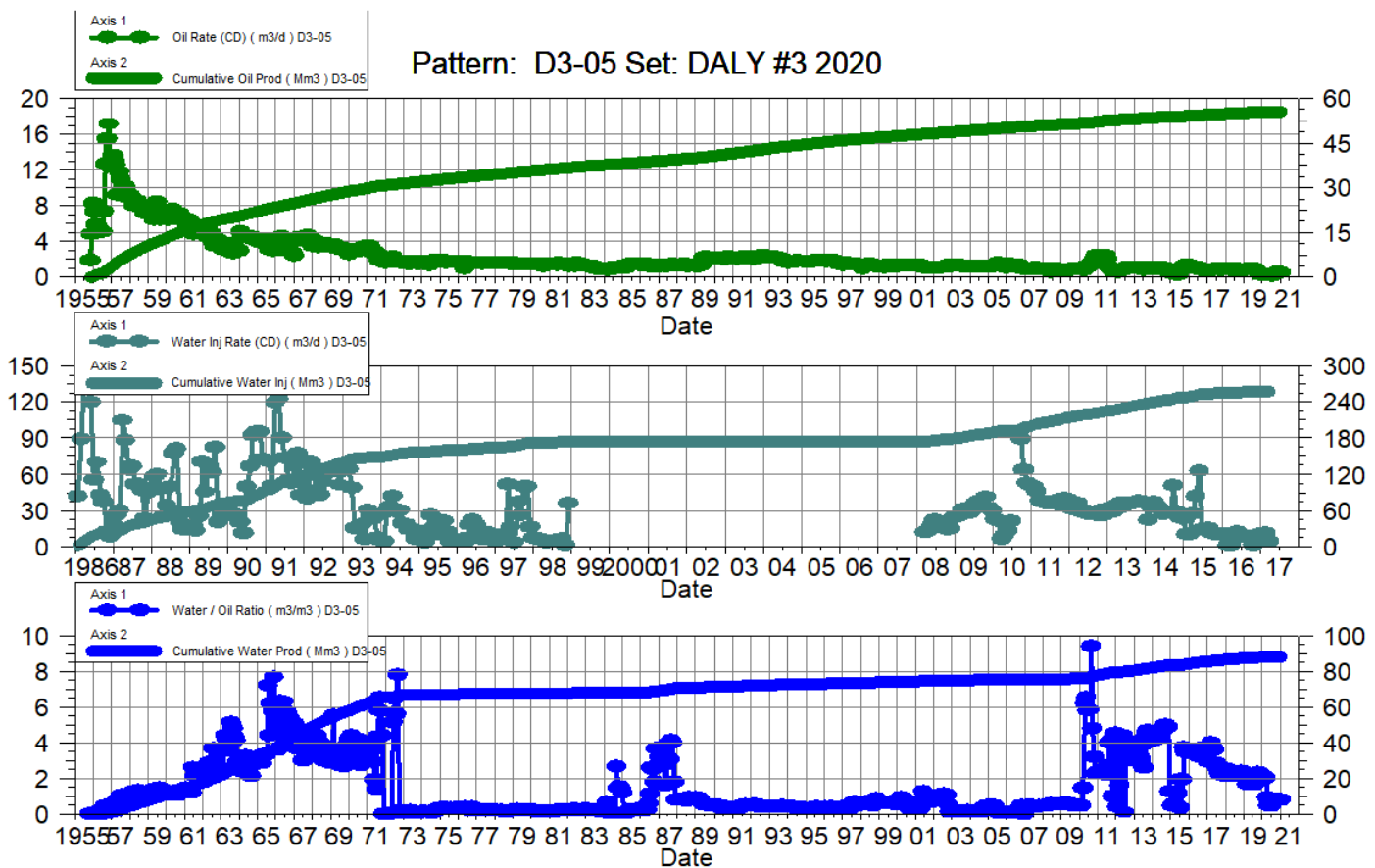
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	8.28	110.18	42.70	98.22		212.52	5.16		1.01	6,400.00
2-29-2020	8.37	110.43	48.56	99.63		212.52	5.80		1.00	6,400.00
3-31-2020	8.87	110.70	47.20	101.09		212.52	5.32		0.99	6,400.00
4-30-2020	9.36	110.98	46.01	102.47		212.52	4.92		0.99	6,400.00
5-31-2020	9.89	111.29	42.63	103.79		212.52	4.31		0.98	6,400.00
6-30-2020	9.41	111.57	43.48	105.10		212.52	4.62		0.97	6,400.00
7-31-2020	12.20	111.95	46.13	106.53		212.52	3.78		0.96	6,400.00
8-31-2020	10.60	112.28	55.31	108.24		212.52	5.22		0.95	6,400.00
9-30-2020	7.99	112.52	56.74	109.94		212.52	7.10		0.95	6,400.00
10-31-2020	10.35	112.84	53.16	111.59		212.52	5.14		0.94	6,400.00
11-30-2020	9.67	113.13	50.44	113.11		212.52	5.22		0.93	6,400.00
12-31-2020	10.88	113.47	54.59	114.80		212.52	5.02		0.92	6,400.00



Daly Unit No. 3

Pattern P-05 - 00/04-14-010-28W1/00

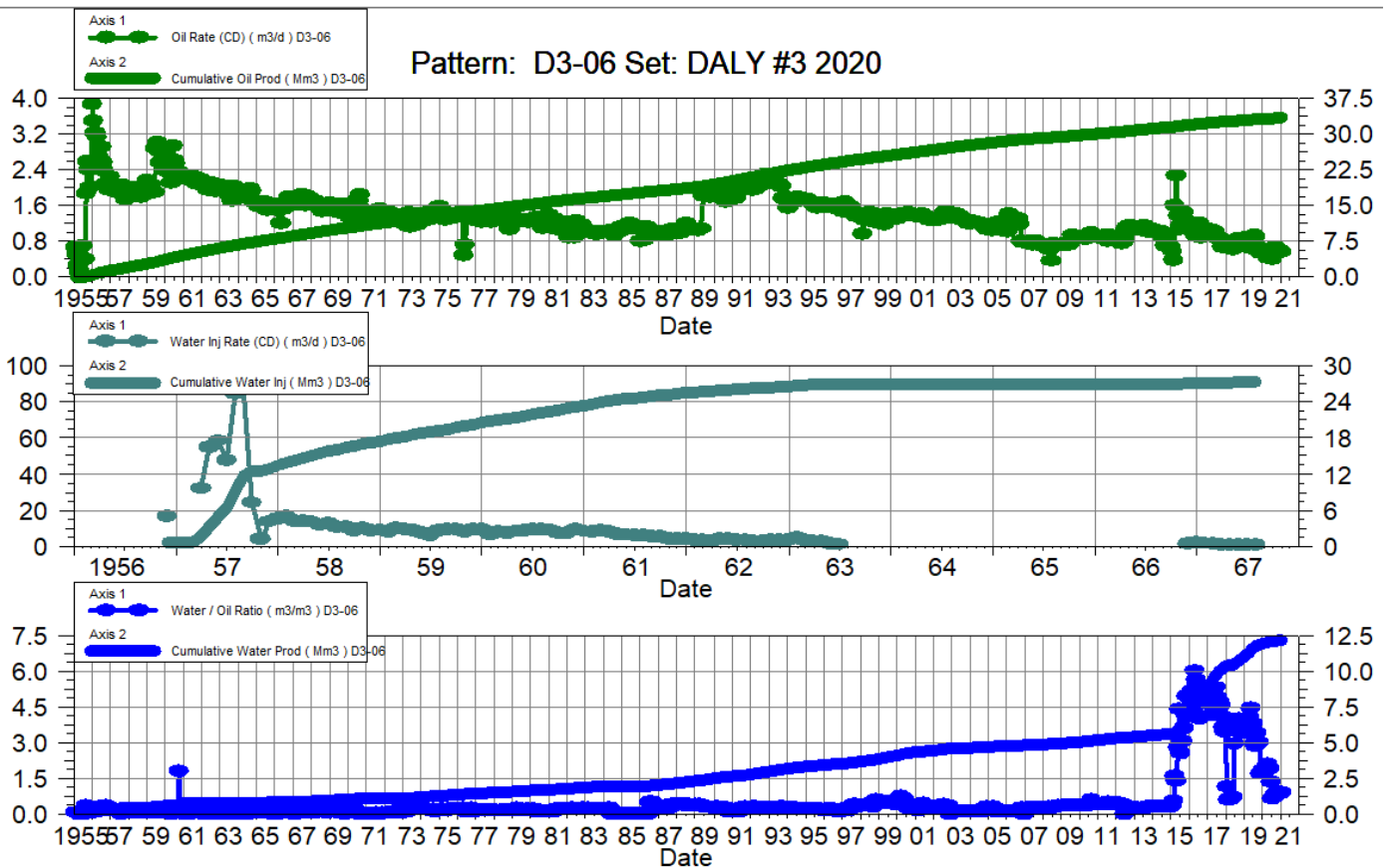
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.31	55.64	0.64	87.56		259.69	2.11		1.80	200.00
2-29-2020	0.30	55.64	0.60	87.58		259.69	1.96		1.80	200.00
3-31-2020	0.30	55.65	0.60	87.60		259.69	2.02		1.80	200.00
4-30-2020	0.29	55.66	0.27	87.61		259.69	0.92		1.80	200.00
5-31-2020	0.26	55.67	0.12	87.61		259.69	0.48		1.80	200.00
6-30-2020	0.26	55.68	0.13	87.62		259.69	0.47		1.80	200.00
7-31-2020	0.16	55.68	0.07	87.62		259.69	0.47		1.80	200.00
8-31-2020	0.38	55.70	0.26	87.63		259.69	0.69		1.80	200.00
9-30-2020	0.51	55.71	0.41	87.64		259.69	0.79		1.80	200.00
10-31-2020	0.52	55.73	0.42	87.65		259.69	0.81		1.80	200.00
11-30-2020	0.53	55.74	0.42	87.66		259.69	0.78		1.80	200.00
12-31-2020	0.52	55.76	0.41	87.68		259.69	0.78		1.80	200.00



Daly Unit No. 3

Pattern P-06 - 00/02-14-010-28W1/00

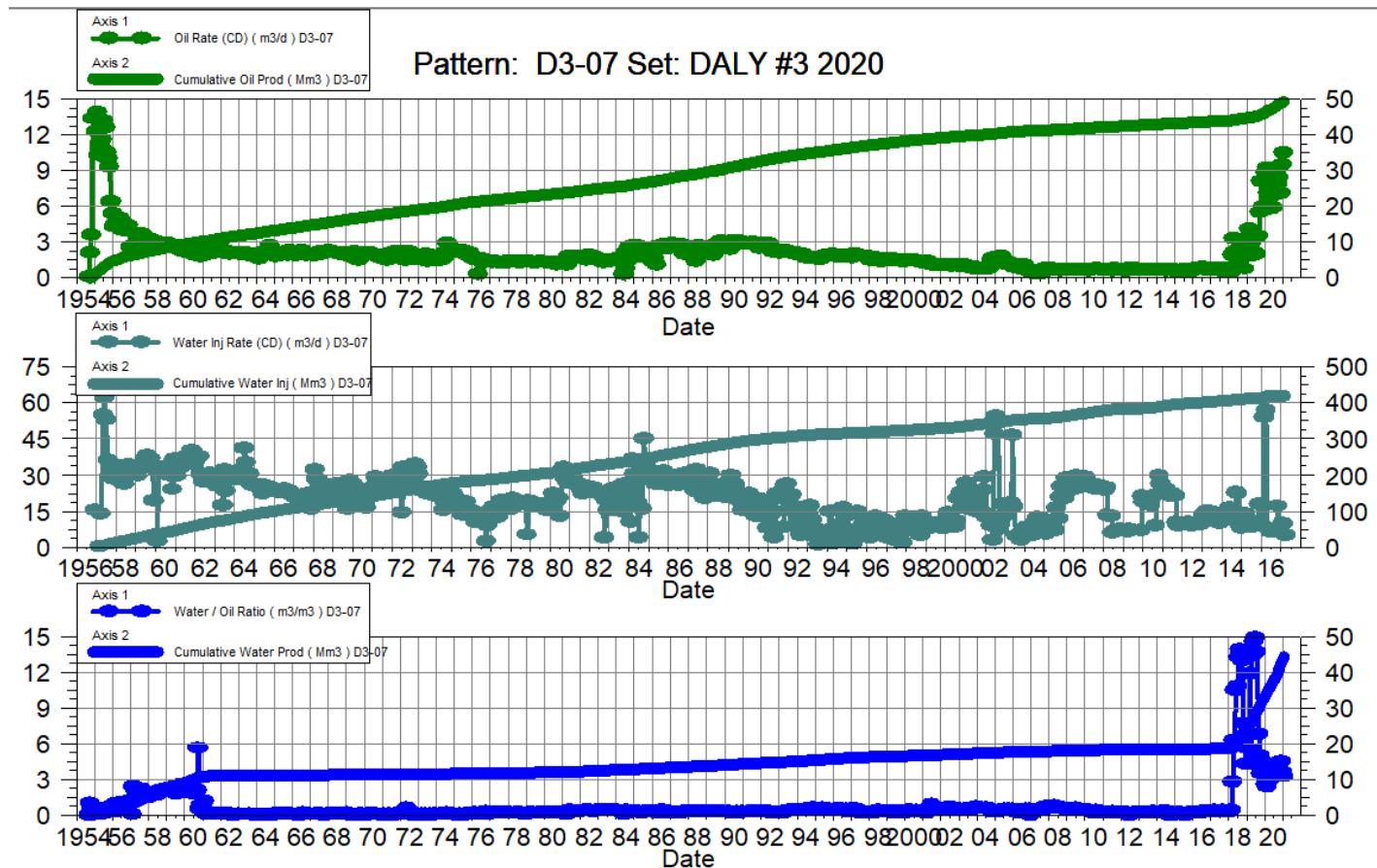
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.54	33.29	1.00	11.92		27.41	1.85		0.60	--
2-29-2020	0.54	33.30	0.94	11.94		27.41	1.75		0.60	--
3-31-2020	0.52	33.32	0.96	11.97		27.41	1.83		0.60	--
4-30-2020	0.44	33.33	0.92	12.00		27.41	2.11		0.60	--
5-31-2020	0.53	33.35	1.00	12.03		27.41	1.87		0.60	--
6-30-2020	0.57	33.37	0.77	12.05		27.41	1.36		0.60	--
7-31-2020	0.41	33.38	0.27	12.06		27.41	0.65		0.60	--
8-31-2020	0.62	33.40	0.44	12.08		27.41	0.70		0.59	--
9-30-2020	0.67	33.42	0.52	12.09		27.41	0.78		0.59	--
10-31-2020	0.59	33.44	0.53	12.11		27.41	0.91		0.59	--
11-30-2020	0.61	33.45	0.53	12.12		27.41	0.87		0.59	--
12-31-2020	0.59	33.47	0.52	12.14		27.41	0.87		0.59	--



Daly Unit No. 3

Pattern P-07 - 00/04-13-010-28W1/00

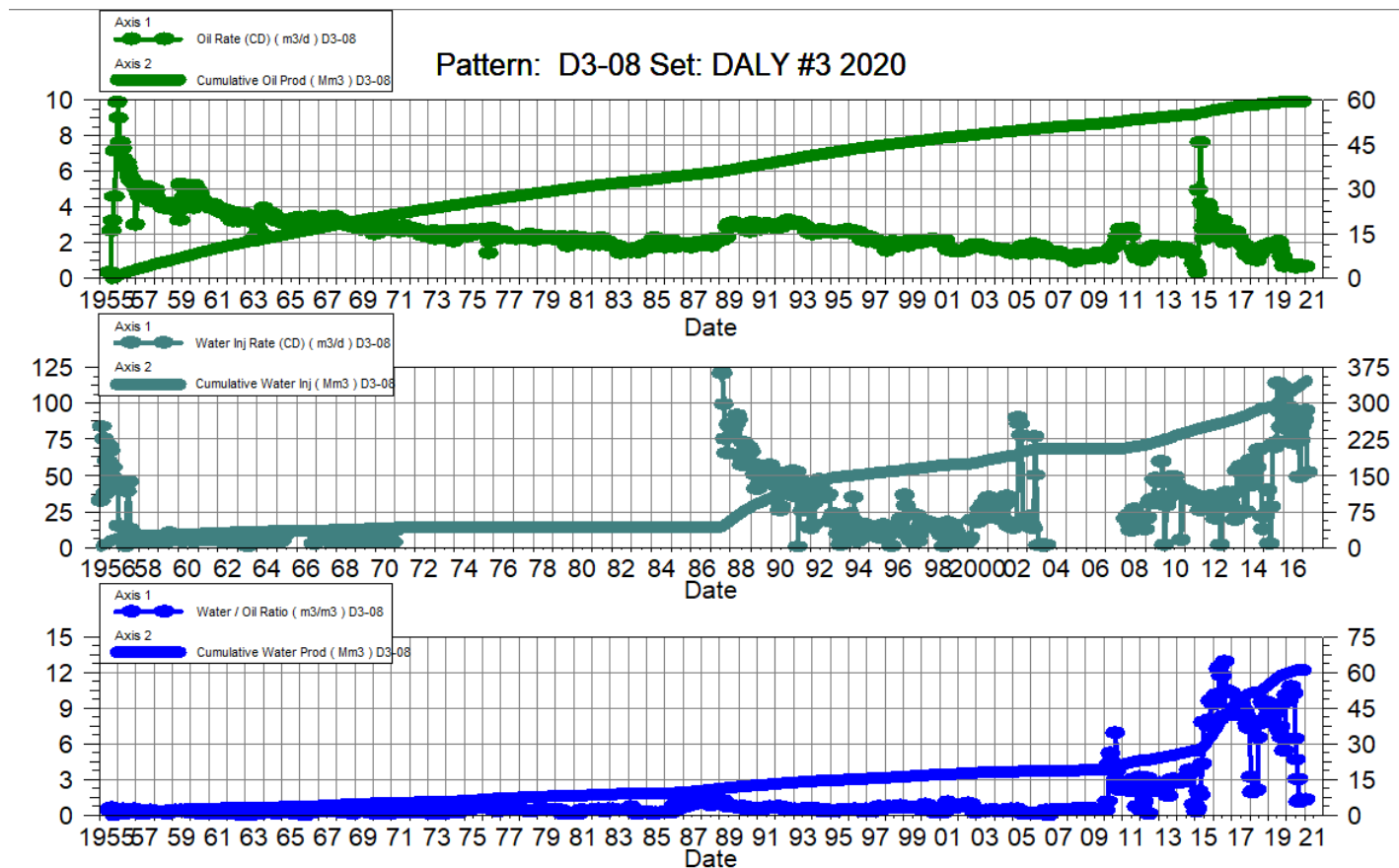
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	8.79	46.46	22.53	33.75		422.79	2.56		5.21	200.00
2-29-2020	9.26	46.73	22.37	34.40		422.79	2.41		5.15	200.00
3-31-2020	7.14	46.95	22.73	35.10		422.79	3.18		5.10	200.00
4-30-2020	5.78	47.13	22.54	35.78		422.79	3.90		5.05	200.00
5-31-2020	6.78	47.34	21.16	36.44		422.79	3.12		4.99	200.00
6-30-2020	5.91	47.51	22.17	37.10		422.79	3.75		4.94	128.87
7-31-2020	9.13	47.80	29.67	38.02		422.79	3.25		4.87	103.00
8-31-2020	8.78	48.07	33.66	39.06		422.79	3.83		4.80	103.00
9-30-2020	7.87	48.30	33.27	40.06		422.79	4.23		4.74	103.00
10-31-2020	8.39	48.56	33.66	41.11		422.79	4.01		4.67	103.00
11-30-2020	7.10	48.78	32.01	42.07		422.79	4.51		4.61	103.00
12-31-2020	9.55	49.07	34.66	43.14		422.79	3.63		4.54	103.00



Daly Unit No. 3

Pattern P-08 - 00/14-11-010-28W1/00

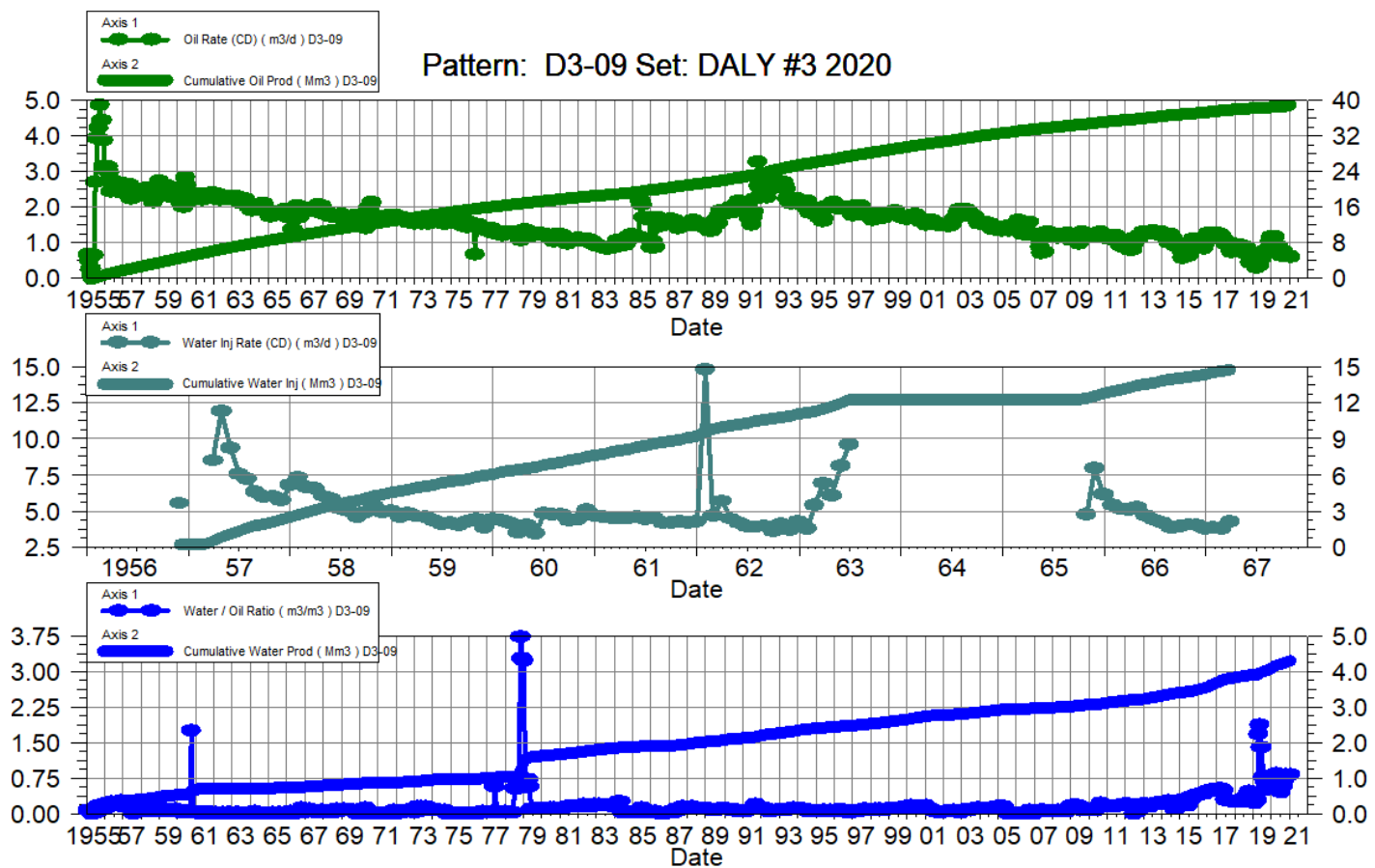
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.78	59.56	7.89	59.61		349.69	10.08		2.91	250.00
2-29-2020	0.78	59.59	7.45	59.83		349.69	9.57		2.90	250.00
3-31-2020	0.76	59.61	7.57	60.06		349.69	9.97		2.89	250.00
4-30-2020	0.66	59.63	7.09	60.28		349.69	10.76		2.89	250.00
5-31-2020	0.73	59.65	7.39	60.50		349.69	10.16		2.88	250.00
6-30-2020	0.79	59.68	5.04	60.66		349.69	6.40		2.88	250.00
7-31-2020	0.61	59.69	2.81	60.74		349.69	4.63		2.88	250.00
8-31-2020	0.73	59.72	2.20	60.81		349.69	3.02		2.87	250.00
9-30-2020	0.76	59.74	0.85	60.84		349.69	1.11		2.87	250.00
10-31-2020	0.68	59.76	0.87	60.86		349.69	1.28		2.87	250.00
11-30-2020	0.70	59.78	0.87	60.89		349.69	1.23		2.87	250.00
12-31-2020	0.69	59.80	0.85	60.92		349.69	1.23		2.87	250.00



Daly Unit No. 3

Pattern P-09 - 00/16-11-010-28W1/00

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	1.19	38.58	0.95	4.10		14.84	0.80		0.34	--
2-29-2020	0.99	38.61	0.73	4.12		14.84	0.74		0.34	--
3-31-2020	1.16	38.65	0.92	4.15		14.84	0.79		0.34	--
4-30-2020	0.86	38.68	0.73	4.17		14.84	0.85		0.34	--
5-31-2020	0.90	38.70	0.54	4.19		14.84	0.59		0.34	--
6-30-2020	0.85	38.73	0.40	4.20		14.84	0.47		0.34	--
7-31-2020	0.66	38.75	0.30	4.21		14.84	0.45		0.34	--
8-31-2020	0.77	38.77	0.44	4.22		14.84	0.57		0.34	--
9-30-2020	0.72	38.79	0.51	4.24		14.84	0.71		0.34	--
10-31-2020	0.63	38.81	0.52	4.25		14.84	0.82		0.34	--
11-30-2020	0.65	38.83	0.50	4.27		14.84	0.78		0.34	--
12-31-2020	0.64	38.85	0.51	4.28		14.84	0.79		0.34	--

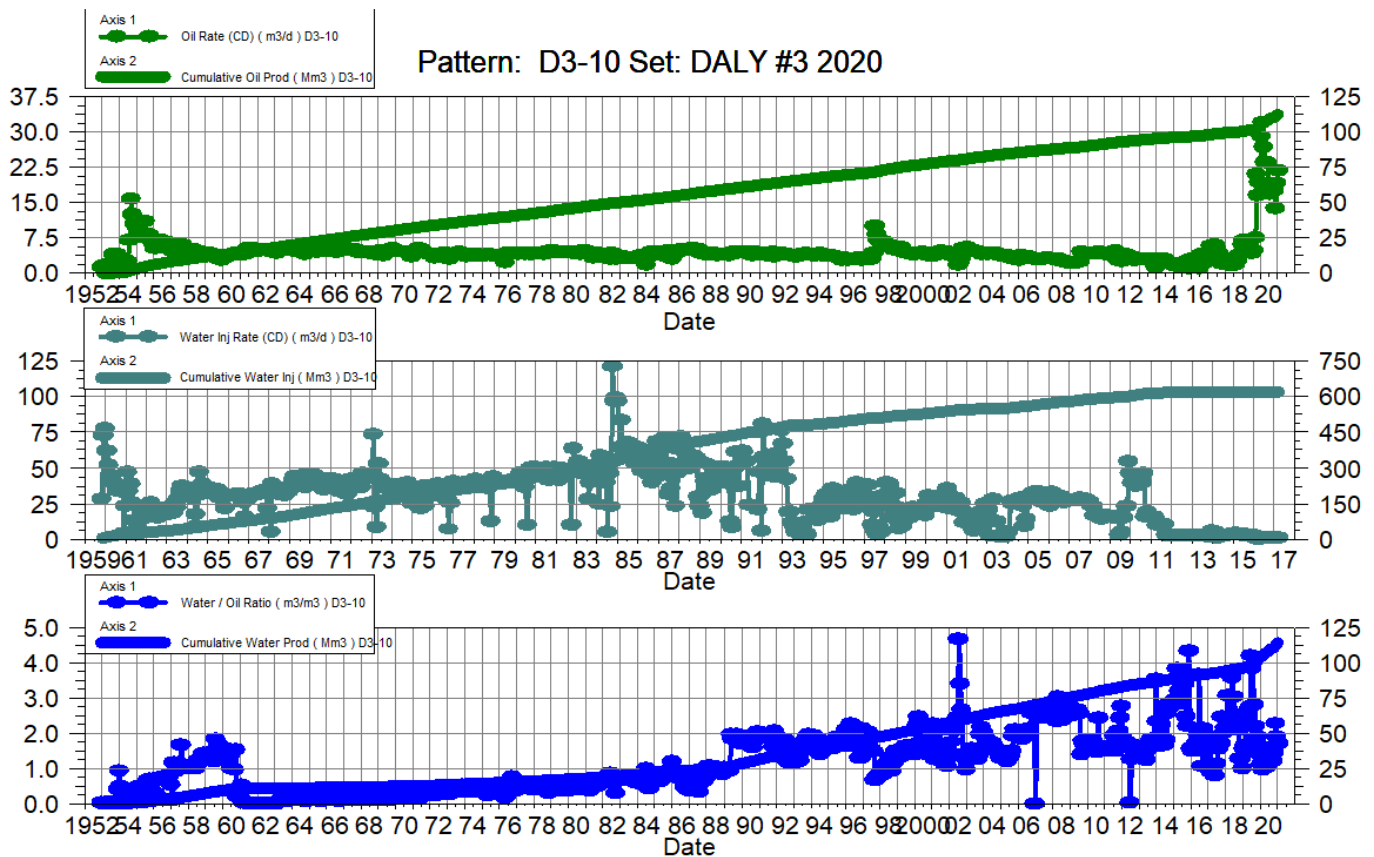


Daly Unit No. 3

Pattern P-10 – 00/14-12-010-28W1/00

P-10 – B0/14-12-010-28W1/00

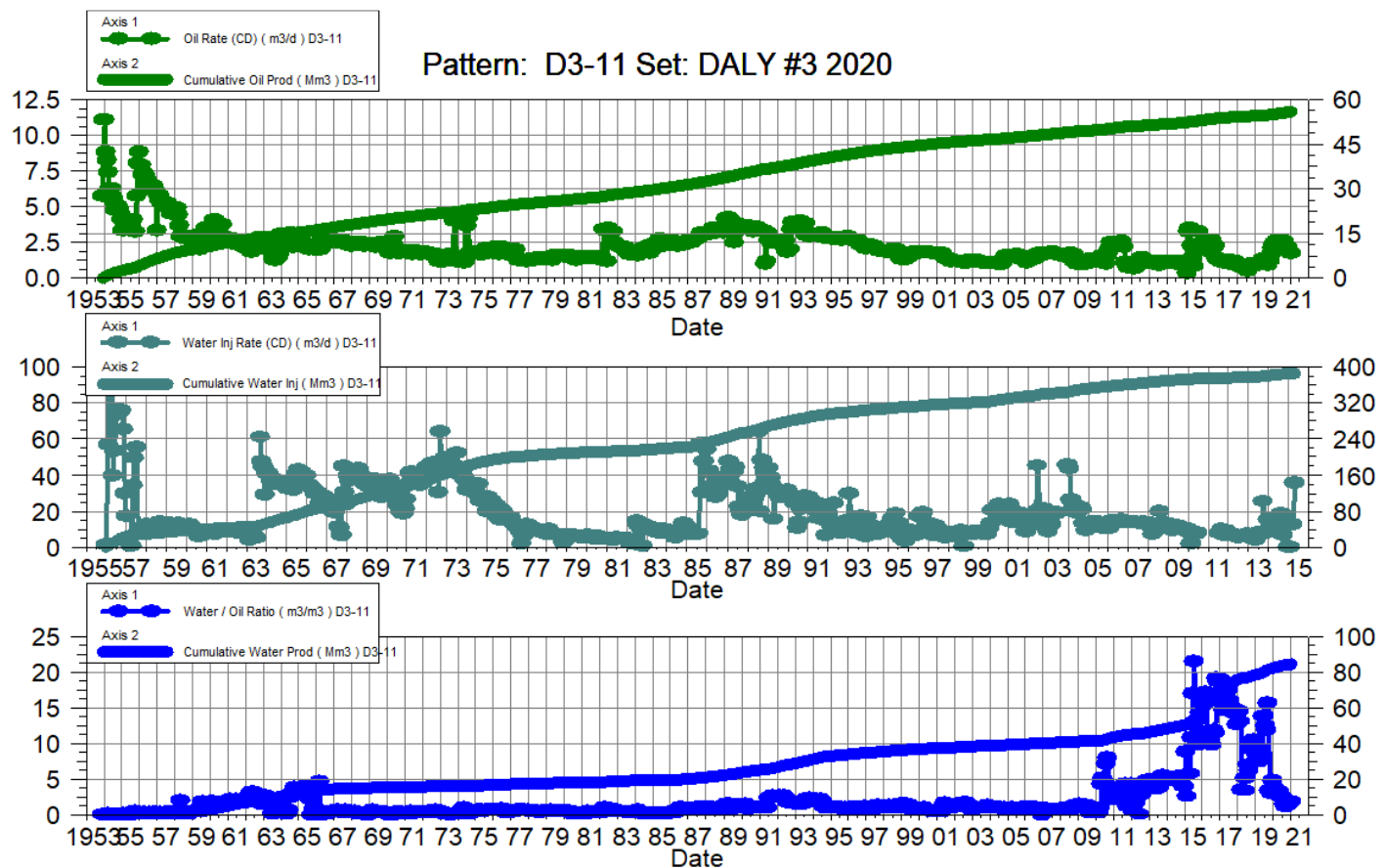
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	29.00	104.99	32.53	103.77		623.82	1.12		2.96	275.79	41.00
2-29-2020	32.10	105.92	30.99	104.67		623.82	0.97		2.93	275.79	41.00
3-31-2020	26.77	106.75	31.44	105.65		623.82	1.17		2.91	275.79	41.00
4-30-2020	23.49	107.45	28.74	106.51		623.82	1.22		2.89	275.79	41.00
5-31-2020	23.49	108.18	24.05	107.25		623.82	1.02		2.87	275.79	41.00
6-30-2020	17.48	108.71	26.49	108.05		623.82	1.52		2.85	275.79	41.00
7-31-2020	16.73	109.22	22.45	108.75		623.82	1.34		2.84	275.79	41.00
8-31-2020	17.47	109.77	24.58	109.51		623.82	1.41		2.82	275.79	41.00
9-30-2020	18.14	110.31	21.71	110.16		623.82	1.20		2.80	275.79	41.00
10-31-2020	17.43	110.85	25.08	110.94		623.82	1.44		2.79	275.79	41.00
11-30-2020	13.77	111.26	31.39	111.88		623.82	2.28		2.77	275.79	41.00
12-31-2020	19.18	111.86	36.42	113.01		623.82	1.90		2.75	275.79	41.00



Daly Unit No. 3

Pattern P-11 - 00/12-11-010-28W1/00

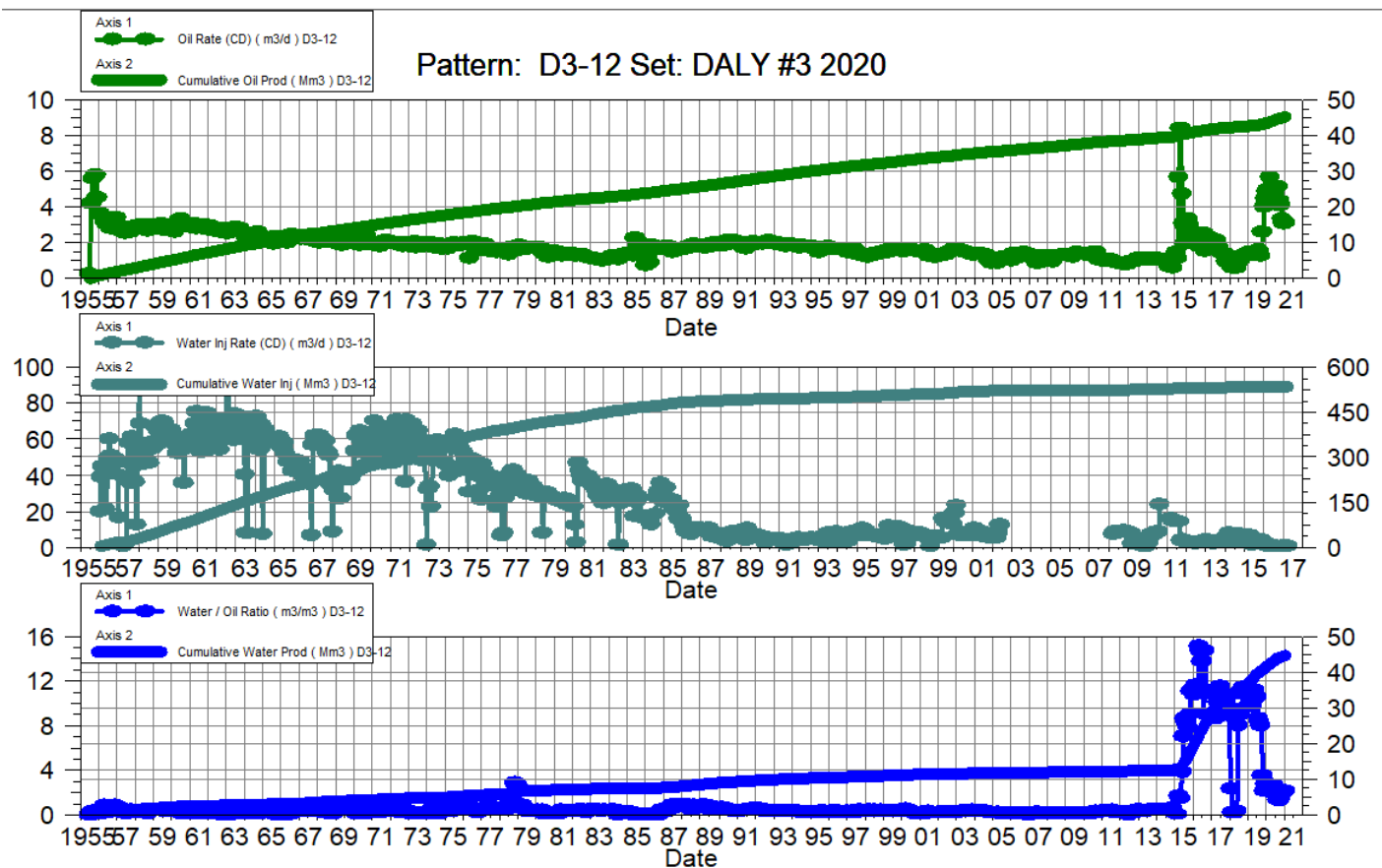
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	2.33	55.25	8.72	82.34		388.55	3.74		2.80	110.00
2-29-2020	2.50	55.32	7.67	82.57		388.55	3.07		2.80	110.00
3-31-2020	2.70	55.41	8.02	82.82		388.55	2.97		2.79	110.00
4-30-2020	2.39	55.48	7.98	83.05		388.55	3.34		2.78	110.00
5-31-2020	2.33	55.55	7.29	83.28		388.55	3.12		2.78	110.00
6-30-2020	2.31	55.62	5.78	83.45		388.55	2.51		2.77	110.00
7-31-2020	2.01	55.68	4.59	83.60		388.55	2.28		2.77	110.00
8-31-2020	2.58	55.76	3.78	83.71		388.55	1.47		2.76	110.00
9-30-2020	2.27	55.83	2.60	83.79		388.55	1.14		2.76	110.00
10-31-2020	2.21	55.90	2.89	83.88		388.55	1.31		2.76	110.00
11-30-2020	1.86	55.96	3.01	83.97		388.55	1.62		2.76	110.00
12-31-2020	1.73	56.01	3.12	84.07		388.55	1.81		2.75	110.00



Daly Unit No. 3

Pattern P-12 - 00/10-11-010-28W1/00

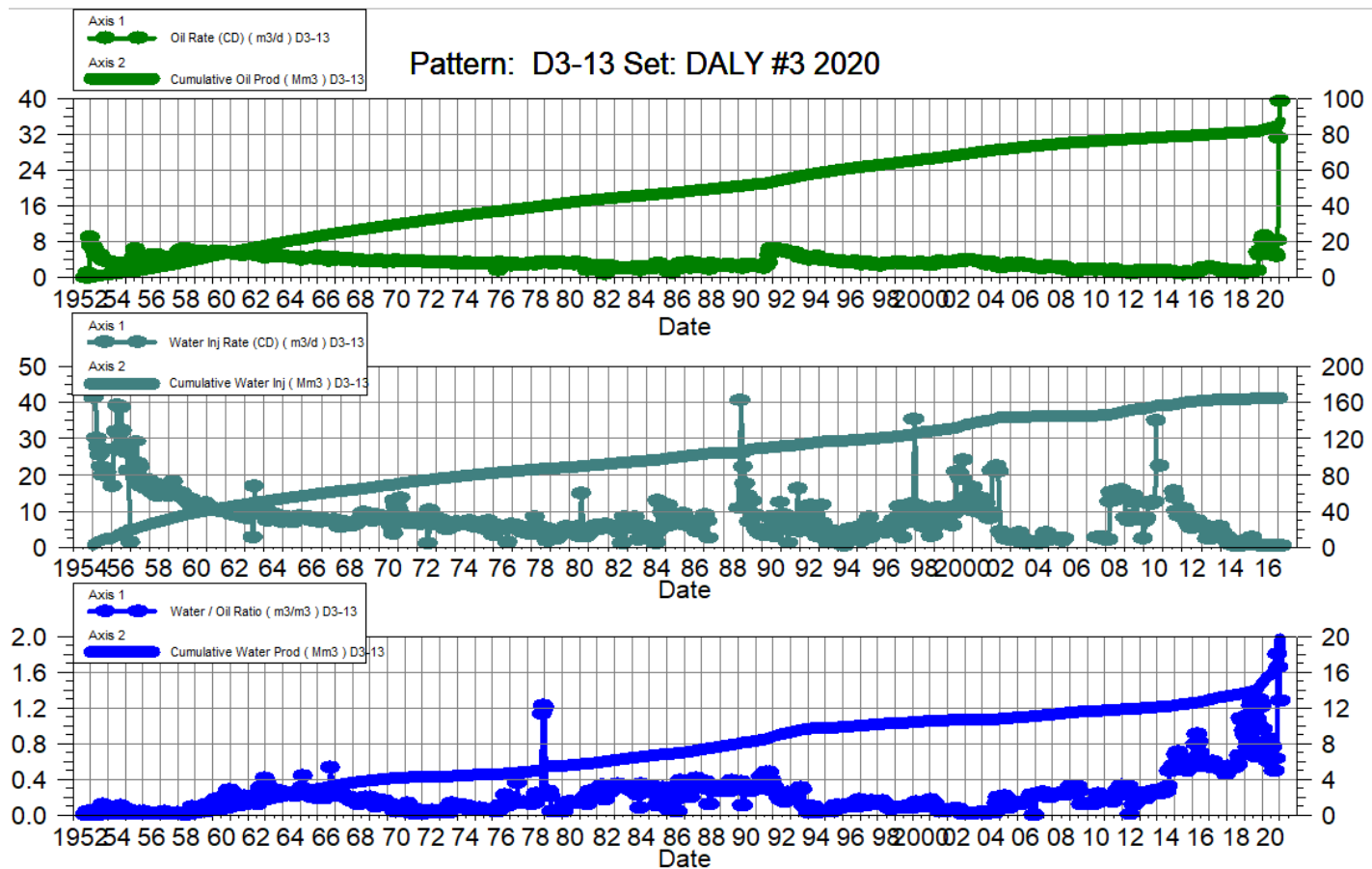
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	4.87	43.72	12.40	41.58		538.13	2.55		6.25	6,000.00
2-29-2020	5.03	43.86	10.48	41.88		538.13	2.08		6.22	6,000.00
3-31-2020	5.70	44.04	11.33	42.23		538.13	1.99		6.18	6,000.00
4-30-2020	4.70	44.18	11.84	42.59		538.13	2.52		6.14	6,000.00
5-31-2020	4.79	44.33	12.80	42.99		538.13	2.67		6.10	6,000.00
6-30-2020	4.81	44.47	10.65	43.31		538.13	2.22		6.07	6,000.00
7-31-2020	4.16	44.60	7.70	43.54		538.13	1.85		6.05	6,000.00
8-31-2020	5.14	44.76	6.79	43.75		538.13	1.32		6.02	6,000.00
9-30-2020	4.38	44.89	5.50	43.92		538.13	1.25		6.00	6,000.00
10-31-2020	4.12	45.02	6.07	44.11		538.13	1.47		5.98	6,000.00
11-30-2020	3.38	45.12	6.31	44.30		538.13	1.87		5.96	6,000.00
12-31-2020	3.11	45.22	6.52	44.50		538.13	2.10		5.94	6,000.00



Daly Unit No. 3

Pattern P-13 - 00/12-12-010-28W1/00

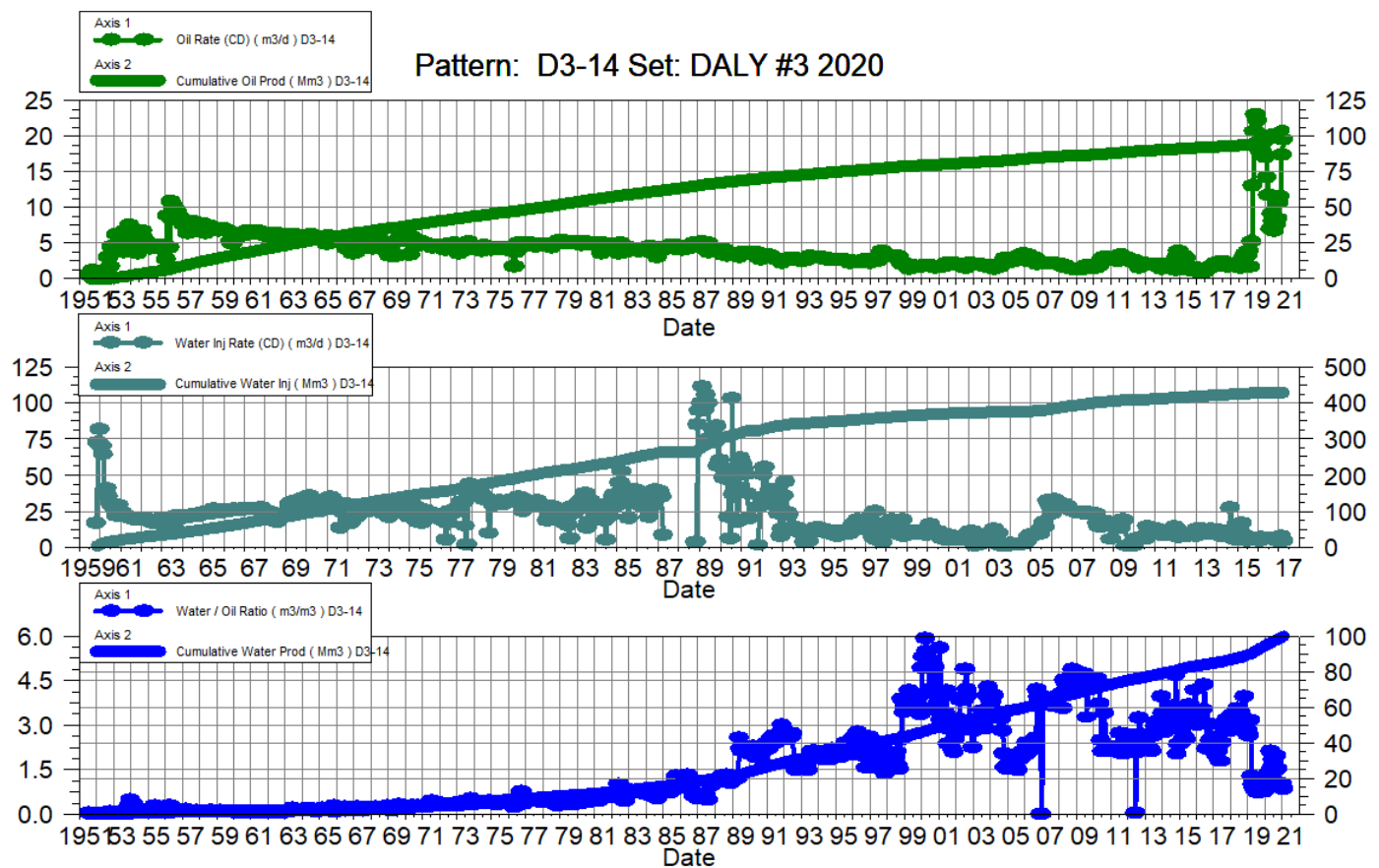
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	8.34	82.85	7.95	14.86		165.40	0.95		1.67	620.53
2-29-2020	9.36	83.12	6.74	15.05		165.40	0.72		1.66	620.53
3-31-2020	8.81	83.39	6.78	15.26		165.40	0.77		1.65	620.53
4-30-2020	7.99	83.63	5.47	15.43		165.40	0.69		1.64	620.53
5-31-2020	7.40	83.86	4.42	15.56		165.40	0.60		1.64	620.53
6-30-2020	5.36	84.02	4.56	15.70		165.40	0.85		1.63	620.53
7-31-2020	5.05	84.18	3.93	15.82		165.40	0.78		1.63	620.53
8-31-2020	5.11	84.33	3.89	15.94		165.40	0.76		1.62	620.53
9-30-2020	5.43	84.50	2.66	16.02		165.40	0.49		1.62	620.53
10-31-2020	4.73	84.64	2.98	16.11		165.40	0.63		1.62	620.53
11-30-2020	8.38	84.90	15.03	16.57		165.40	1.79		1.60	620.53
12-31-2020	31.28	85.86	51.53	18.16		165.40	1.65		1.57	620.53



Daly Unit No. 3

Pattern P-14 - 00/10-12-010-28W1/00

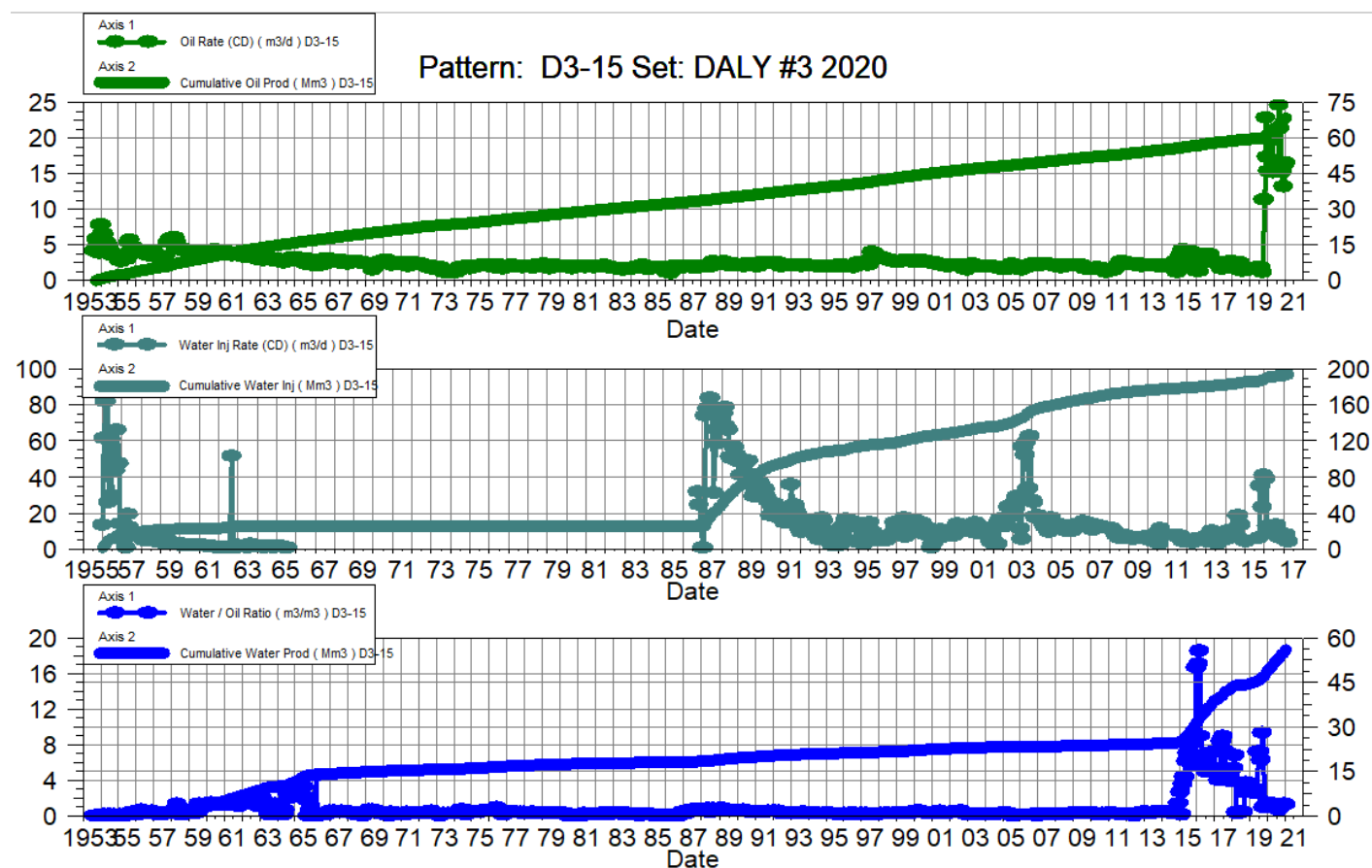
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	16.99	100.47	13.38	94.67		432.92	0.79		2.20	1,378.95
2-29-2020	14.17	100.88	13.96	95.07		432.92	0.99		2.19	1,378.95
3-31-2020	11.75	101.25	15.95	95.57		432.92	1.36		2.18	1,378.95
4-30-2020	6.96	101.46	14.62	96.01		432.92	2.10		2.17	1,378.95
5-31-2020	9.13	101.74	14.32	96.45		432.92	1.57		2.16	1,378.95
6-30-2020	7.98	101.98	14.59	96.89		432.92	1.83		2.16	1,378.95
7-31-2020	6.71	102.19	12.06	97.26		432.92	1.80		2.15	1,378.95
8-31-2020	7.57	102.42	14.70	97.72		432.92	1.94		2.14	1,378.95
9-30-2020	8.46	102.68	12.72	98.10		432.92	1.50		2.14	1,378.95
10-31-2020	10.71	103.01	10.14	98.42		432.92	0.95		2.13	1,378.95
11-30-2020	11.49	103.35	12.05	98.78		432.92	1.05		2.12	1,378.95
12-31-2020	17.35	103.89	17.28	99.31		432.92	1.00		2.11	1,378.95



Daly Unit No. 3

Pattern P-15 - 00/06-11-010-28W1/00

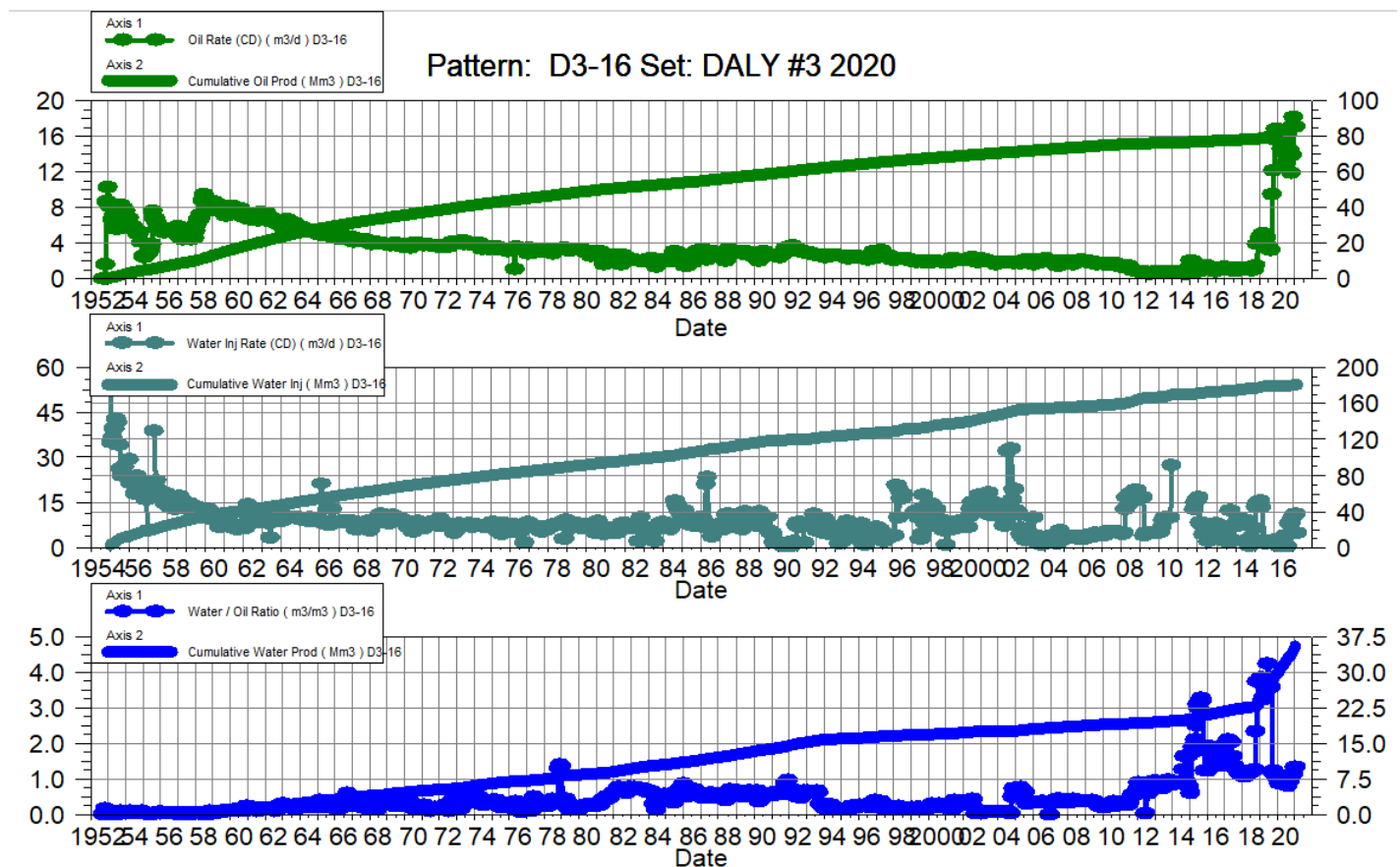
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	15.39	62.25	19.76	49.19		194.67	1.28		1.73	1,300.00
2-29-2020	15.31	62.69	15.25	49.64		194.67	1.00		1.72	1,300.00
3-31-2020	19.70	63.30	19.28	50.23		194.67	0.98		1.70	1,300.00
4-30-2020	15.18	63.76	19.30	50.81		194.67	1.27		1.68	1,300.00
5-31-2020	15.77	64.25	20.68	51.45		194.67	1.31		1.67	1,300.00
6-30-2020	16.89	64.76	20.07	52.06		194.67	1.19		1.65	1,300.00
7-31-2020	15.76	65.24	17.60	52.60		194.67	1.12		1.63	1,300.00
8-31-2020	24.59	66.01	16.67	53.12		194.67	0.68		1.62	1,300.00
9-30-2020	21.34	66.65	17.00	53.63		194.67	0.80		1.60	1,300.00
10-31-2020	15.15	67.12	17.21	54.16		194.67	1.14		1.59	1,300.00
11-30-2020	13.19	67.51	17.86	54.70		194.67	1.35		1.58	1,300.00
12-31-2020	16.21	68.01	20.95	55.35		194.67	1.29		1.56	1,300.00



Daly Unit No. 3

Pattern P-16 - 00/08-11-010-28W1/00

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	16.26	82.28	15.58	29.88		182.06	0.96		1.60	1,310.00
2-29-2020	15.91	82.74	13.90	30.28		182.06	0.87		1.59	1,310.00
3-31-2020	16.03	83.24	14.02	30.72		182.06	0.87		1.58	1,310.00
4-30-2020	14.57	83.67	15.84	31.19		182.06	1.09		1.56	1,310.00
5-31-2020	15.07	84.14	14.58	31.65		182.06	0.97		1.55	1,310.00
6-30-2020	14.12	84.56	15.03	32.10		182.06	1.06		1.54	1,310.00
7-31-2020	12.96	84.97	12.05	32.47		182.06	0.93		1.53	1,310.00
8-31-2020	16.14	85.47	12.84	32.87		182.06	0.80		1.52	1,310.00
9-30-2020	14.46	85.90	13.46	33.27		182.06	0.93		1.51	1,310.00
10-31-2020	11.89	86.27	12.87	33.67		182.06	1.08		1.50	1,310.00
11-30-2020	13.88	86.68	15.01	34.12		182.06	1.08		1.49	1,310.00
12-31-2020	18.16	87.25	20.78	34.77		182.06	1.14		1.47	1,310.00

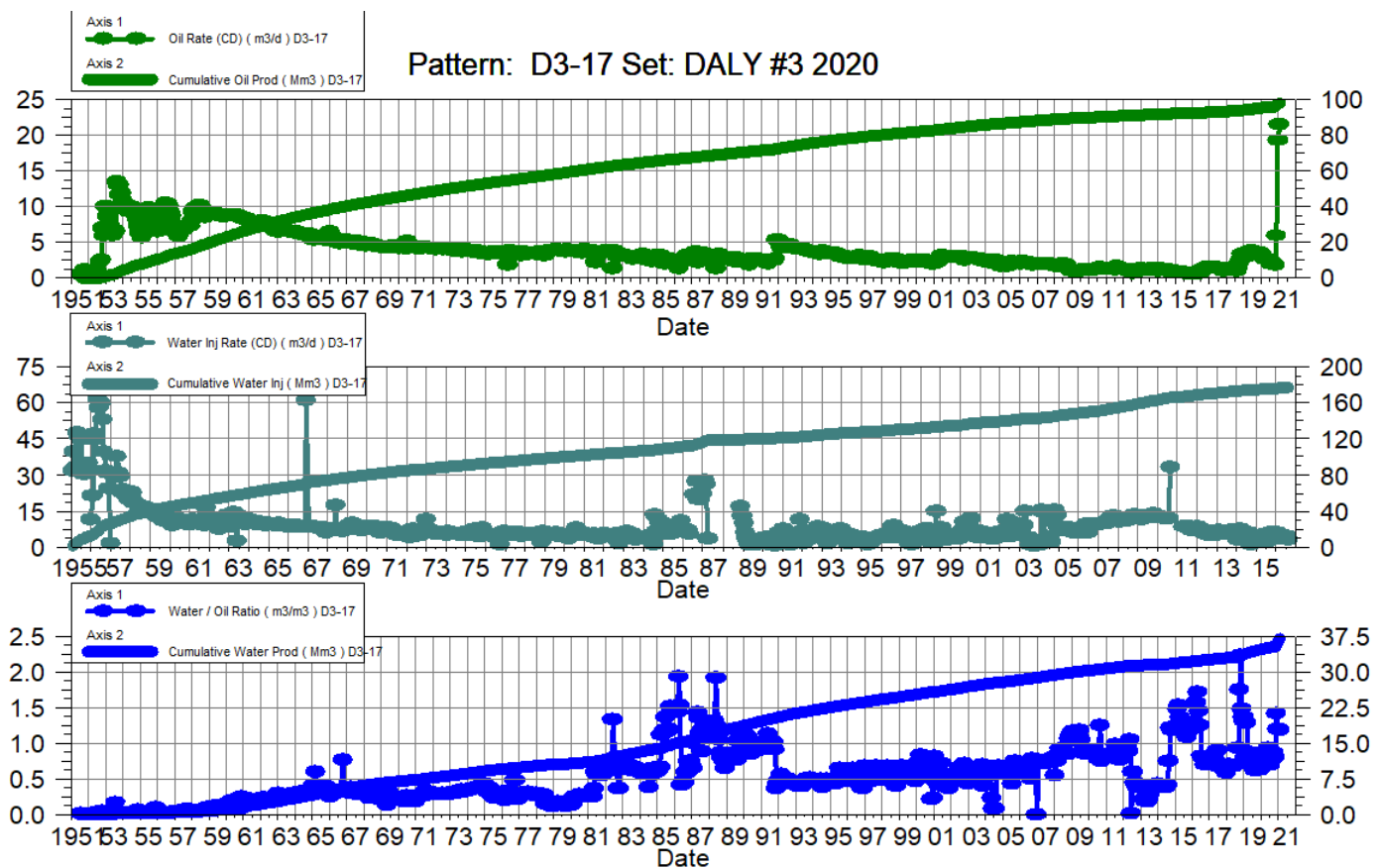


Daly Unit No. 3

Pattern P-17 – 00/06-12-010-28W1/00

P-17 – A0/05-12-010-28W1/00

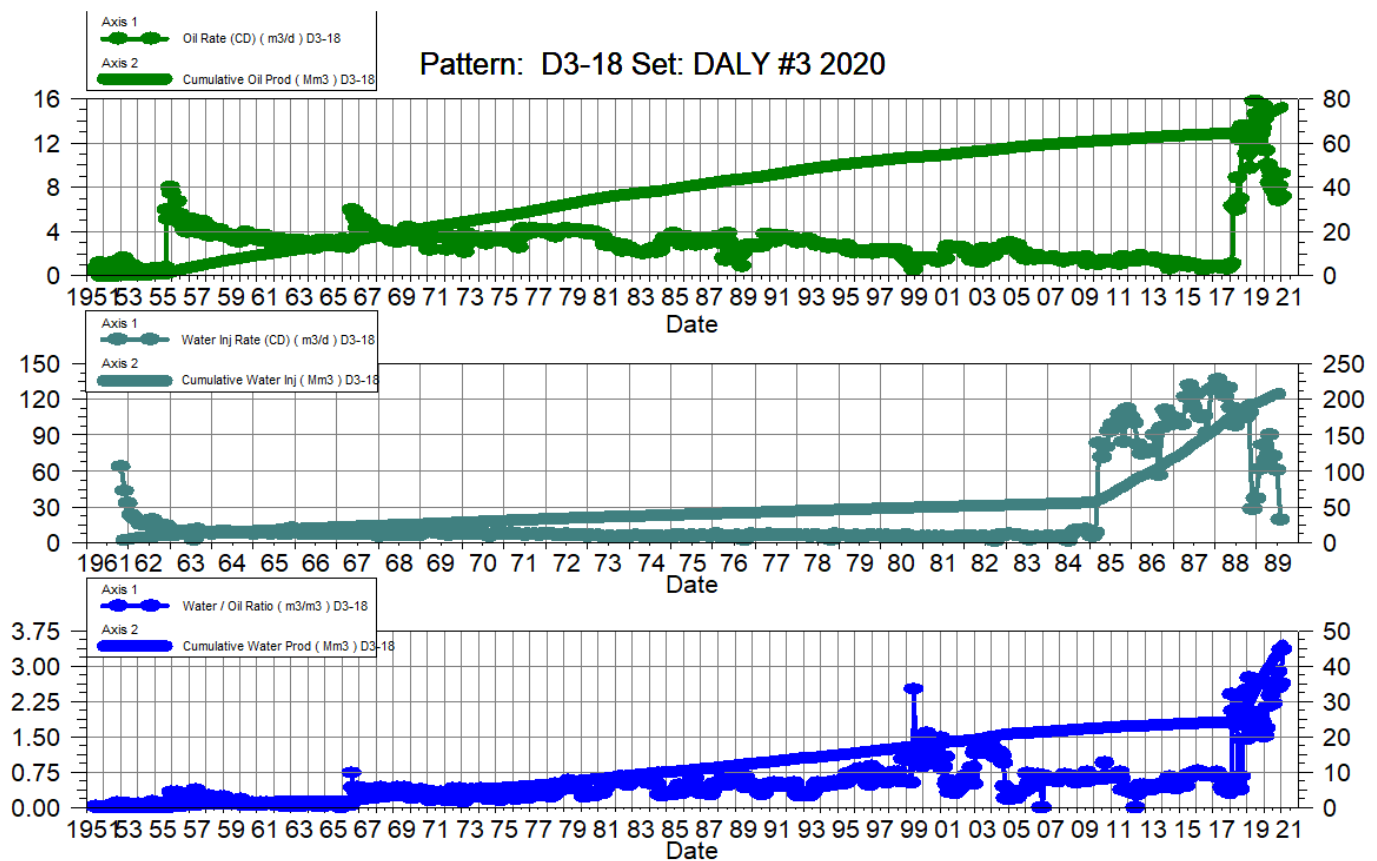
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	3.32	95.67	2.21	34.71		178.00	0.67		1.35	137.89	206.84
2-29-2020	2.93	95.76	2.12	34.77		178.00	0.72		1.35	137.89	206.84
3-31-2020	2.75	95.84	1.94	34.83		178.00	0.70		1.34	137.89	206.84
4-30-2020	2.67	95.92	2.24	34.90		178.00	0.84		1.34	137.89	206.84
5-31-2020	2.50	96.00	2.33	34.97		178.00	0.93		1.34	137.89	206.84
6-30-2020	2.44	96.07	2.09	35.04		178.00	0.86		1.34	137.89	206.84
7-31-2020	2.05	96.14	1.41	35.08		178.00	0.69		1.34	137.89	206.84
8-31-2020	2.26	96.21	1.74	35.13		178.00	0.77		1.34	137.89	206.84
9-30-2020	2.02	96.27	1.73	35.19		178.00	0.86		1.34	137.89	206.84
10-31-2020	1.81	96.32	1.44	35.23		178.00	0.79		1.33	137.89	206.84
11-30-2020	5.97	96.50	8.40	35.48		178.00	1.41		1.33	137.89	206.84
12-31-2020	19.28	97.10	22.95	36.19		178.00	1.19		1.32	137.89	206.84



Daly Unit No. 3

Pattern P-18 - 00/08-12-010-28W1/00

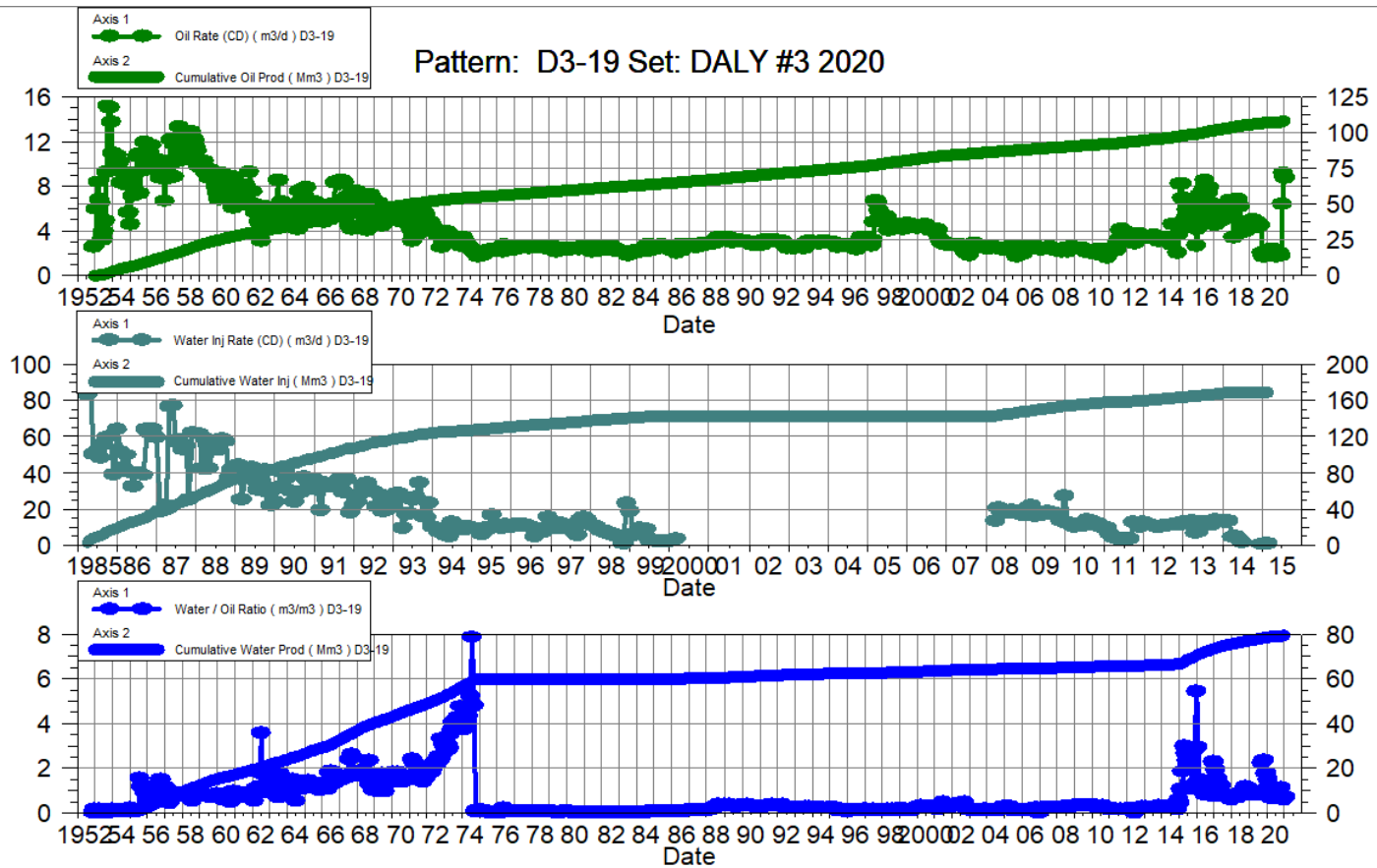
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	14.18	72.93	21.40	38.13		209.39	1.51		1.86	--
2-29-2020	11.36	73.26	19.06	38.68		209.39	1.68		1.85	--
3-31-2020	10.03	73.57	21.37	39.34		209.39	2.13		1.83	--
4-30-2020	8.39	73.82	21.66	39.99		209.39	2.58		1.82	--
5-31-2020	9.48	74.12	22.48	40.69		209.39	2.37		1.80	--
6-30-2020	9.00	74.39	22.74	41.37		209.39	2.53		1.79	--
7-31-2020	7.84	74.63	17.26	41.91		209.39	2.20		1.78	--
8-31-2020	8.36	74.89	22.12	42.59		209.39	2.64		1.76	--
9-30-2020	7.24	75.11	20.95	43.22		209.39	2.89		1.75	--
10-31-2020	6.82	75.32	19.57	43.83		209.39	2.87		1.74	--
11-30-2020	8.09	75.56	20.57	44.45		209.39	2.54		1.72	--
12-31-2020	9.24	75.85	24.15	45.20		209.39	2.61		1.71	--



Daly Unit No. 3

Pattern P-19 - 00/13-02-010-28W1/00

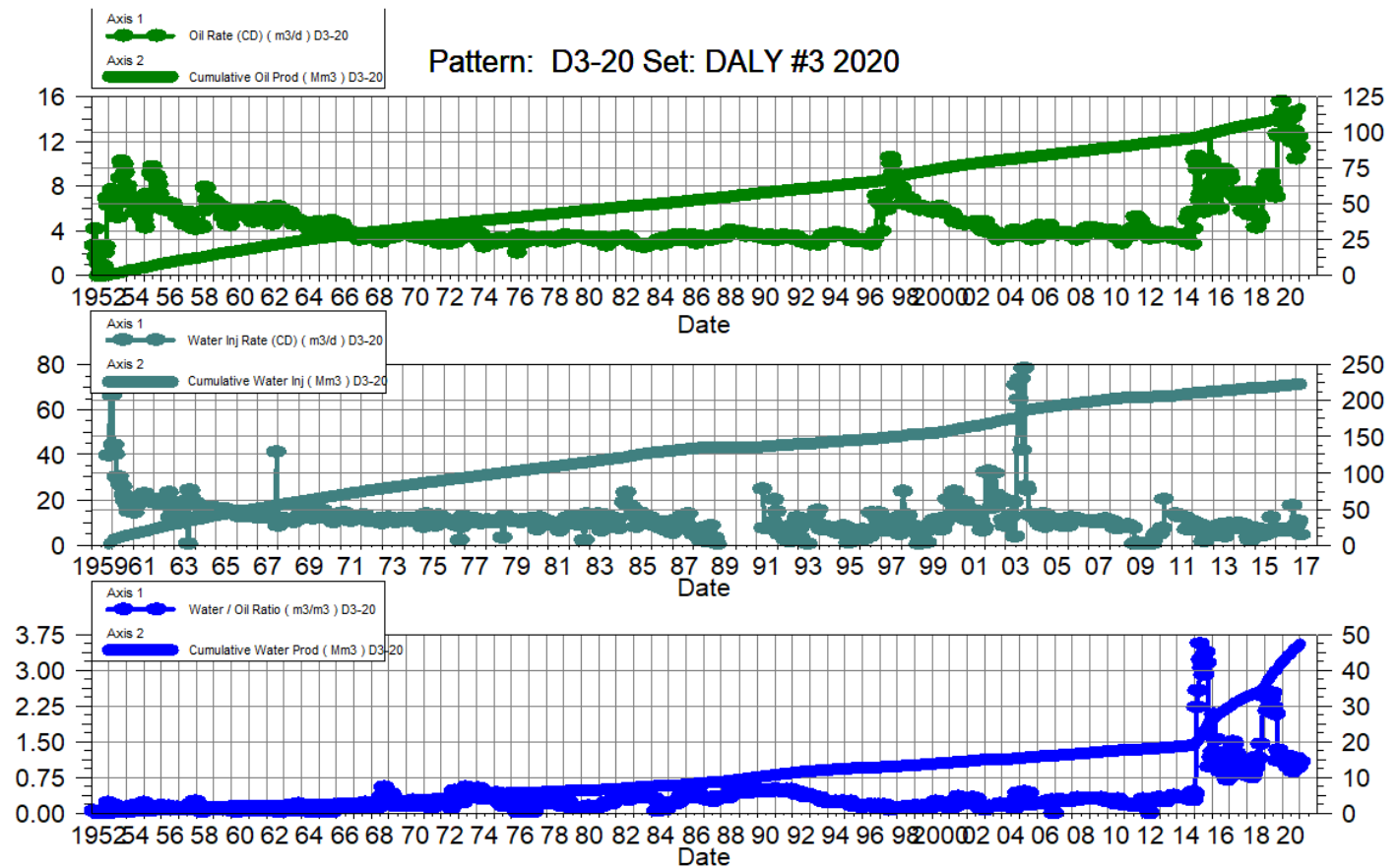
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	2.20	107.33	3.22	78.49		170.05	1.46		0.91	2,180.00
2-29-2020	2.21	107.40	2.68	78.56		170.05	1.21		0.90	2,180.00
3-31-2020	2.38	107.47	1.82	78.62		170.05	0.77		0.90	2,180.00
4-30-2020	2.43	107.55	1.59	78.67		170.05	0.66		0.90	2,180.00
5-31-2020	2.44	107.62	1.52	78.71		170.05	0.62		0.90	2,180.00
6-30-2020	2.27	107.69	1.64	78.76		170.05	0.72		0.90	2,180.00
7-31-2020	1.70	107.74	1.64	78.81		170.05	0.97		0.90	2,180.00
8-31-2020	1.86	107.80	1.87	78.87		170.05	1.01		0.90	2,180.00
9-30-2020	2.05	107.86	1.95	78.93		170.05	0.95		0.90	2,180.00
10-31-2020	1.83	107.92	2.00	78.99		170.05	1.09		0.90	2,180.00
11-30-2020	6.46	108.11	4.39	79.12		170.05	0.68		0.90	2,180.00
12-31-2020	9.15	108.39	5.15	79.28		170.05	0.56		0.90	2,180.00



Daly Unit No. 3

Pattern P-20 - 00/02-11-010-28W1/00

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	14.48	111.83	15.97	42.48		224.39	1.10		1.43	344.74
2-29-2020	14.13	112.24	16.14	42.95		224.39	1.14		1.43	344.74
3-31-2020	14.11	112.67	14.58	43.40		224.39	1.03		1.42	344.74
4-30-2020	13.30	113.07	16.06	43.88		224.39	1.21		1.41	344.74
5-31-2020	13.94	113.51	13.36	44.30		224.39	0.96		1.40	344.74
6-30-2020	13.04	113.90	13.59	44.71		224.39	1.04		1.40	344.74
7-31-2020	11.98	114.27	10.99	45.05		224.39	0.92		1.39	344.74
8-31-2020	14.15	114.71	12.27	45.43		224.39	0.87		1.38	344.74
9-30-2020	12.89	115.09	13.14	45.82		224.39	1.02		1.38	344.74
10-31-2020	10.50	115.42	12.14	46.20		224.39	1.16		1.37	204.62
11-30-2020	11.77	115.77	11.66	46.55		224.39	0.99		1.36	103.42
12-31-2020	12.44	116.16	12.06	46.92		224.39	0.97		1.36	103.42

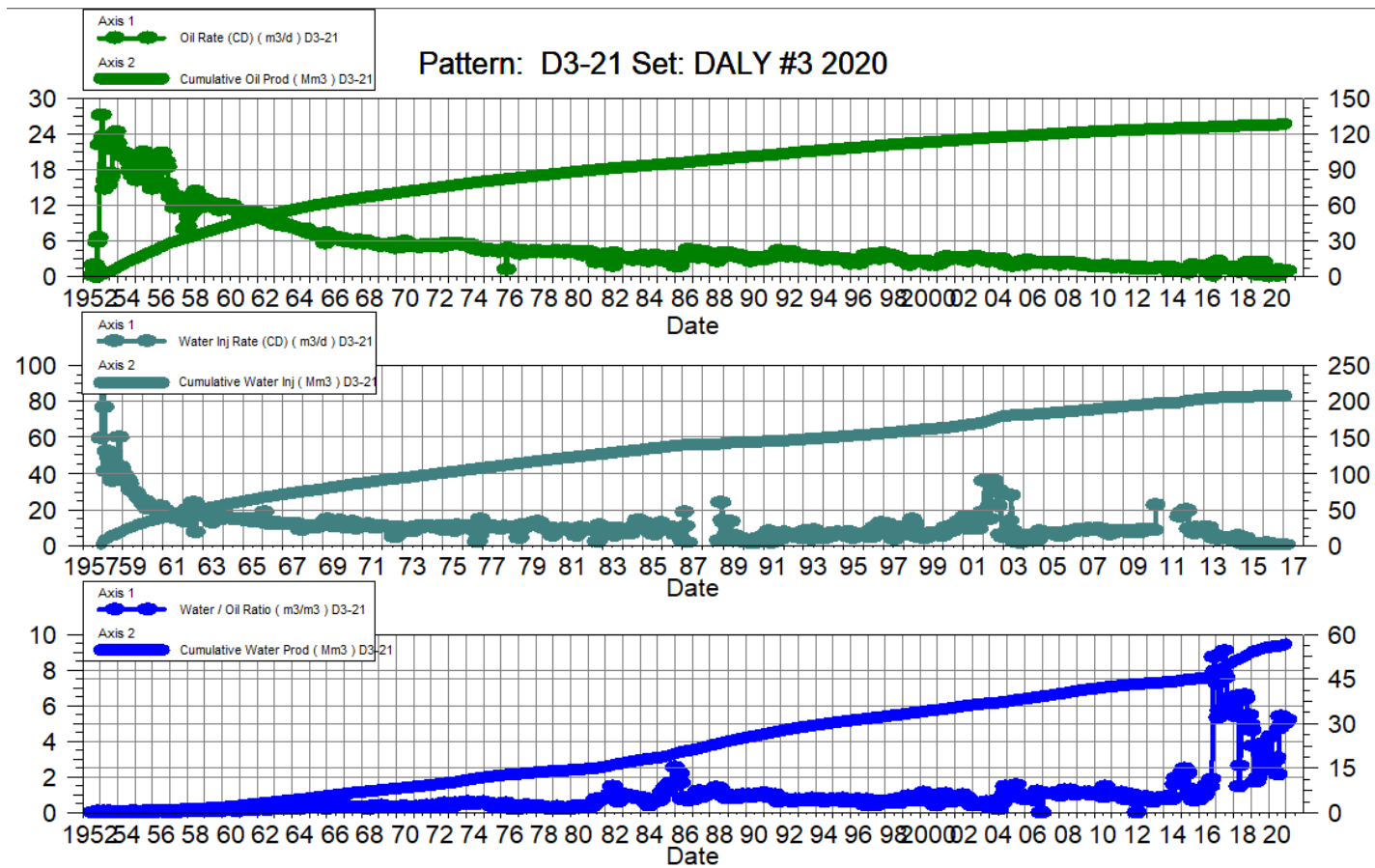


Daly Unit No. 3

Pattern P-21 - 00/04-12-010-28W1/00

P-21 – B0/05-12-010-28W1/00

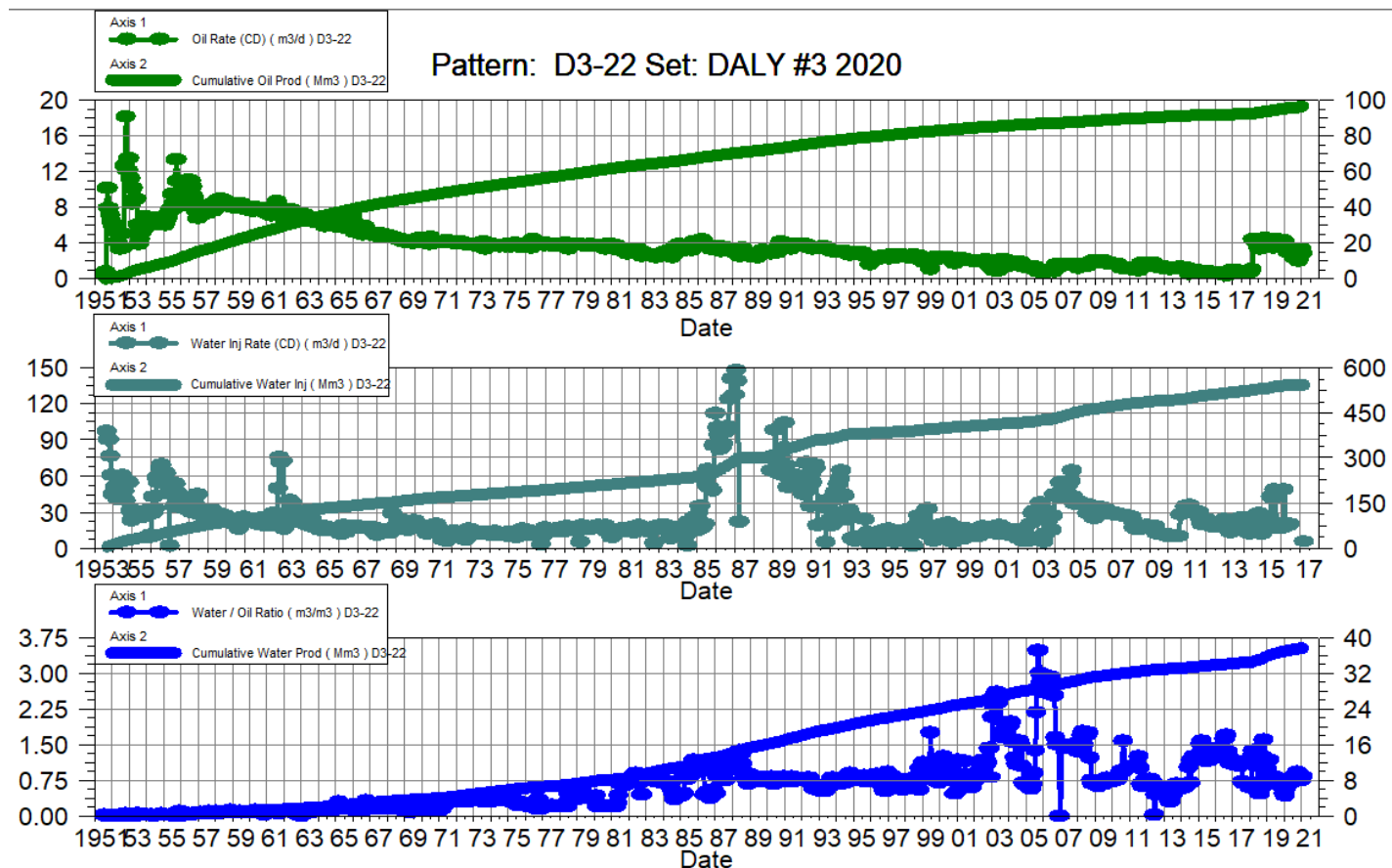
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	0.41	128.54	1.12	55.68		208.34	2.72		1.12	3,600.00	1,400.00
2-29-2020	0.33	128.55	1.40	55.73		208.34	4.27		1.12	3,600.00	1,400.00
3-31-2020	0.37	128.56	1.06	55.76		208.34	2.85		1.12	3,600.00	1,400.00
4-30-2020	0.38	128.57	1.06	55.79		208.34	2.82		1.12	3,600.00	1,400.00
5-31-2020	0.37	128.58	1.08	55.82		208.34	2.89		1.12	3,600.00	1,400.00
6-30-2020	0.29	128.59	0.88	55.85		208.34	3.05		1.12	3,600.00	1,400.00
7-31-2020	0.23	128.60	0.49	55.86		208.34	2.13		1.12	3,600.00	1,400.00
8-31-2020	1.19	128.63	5.59	56.04		208.34	4.68		1.11	3,600.00	1,400.00
9-30-2020	1.03	128.66	5.53	56.20		208.34	5.36		1.11	3,600.00	1,400.00
10-31-2020	0.79	128.69	3.95	56.33		208.34	5.03		1.11	3,600.00	1,400.00
11-30-2020	1.02	128.72	5.19	56.48		208.34	5.11		1.11	3,600.00	1,400.00
12-31-2020	1.06	128.75	5.29	56.65		208.34	5.01		1.11	3,600.00	1,400.00



Daly Unit No. 3

Pattern P-22 - 00/02-12-010-28W1/00

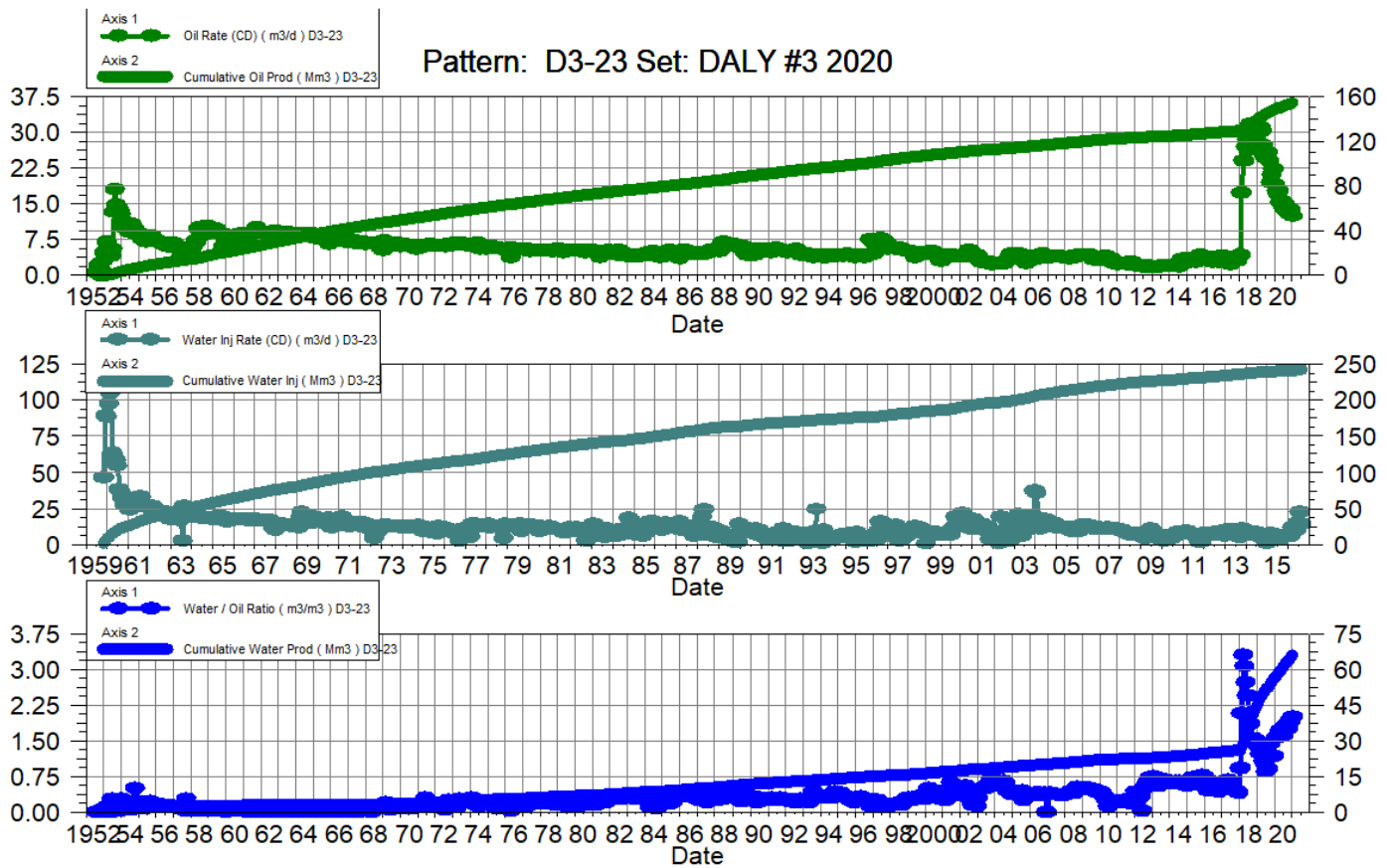
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	4.19	95.62	1.79	36.88		546.54	0.43		4.07	70.00
2-29-2020	3.39	95.71	1.97	36.94		546.54	0.58		4.06	70.00
3-31-2020	3.02	95.81	1.92	37.00		546.54	0.64		4.06	70.00
4-30-2020	3.01	95.90	2.18	37.06		546.54	0.72		4.05	70.00
5-31-2020	2.88	95.99	2.31	37.13		546.54	0.80		4.05	70.00
6-30-2020	2.79	96.07	2.22	37.20		546.54	0.80		4.05	44.33
7-31-2020	2.44	96.15	1.77	37.26		546.54	0.73		4.04	35.00
8-31-2020	2.62	96.23	2.16	37.32		546.54	0.83		4.04	35.00
9-30-2020	2.29	96.30	2.13	37.39		546.54	0.93		4.03	35.00
10-31-2020	2.04	96.36	1.82	37.44		546.54	0.89		4.03	35.00
11-30-2020	2.30	96.43	1.97	37.50		546.54	0.86		4.03	35.00
12-31-2020	3.36	96.53	2.49	37.58		546.54	0.74		4.02	35.00



Daly Unit No. 3

Pattern P-23 - 00/16-02-010-28W1/00

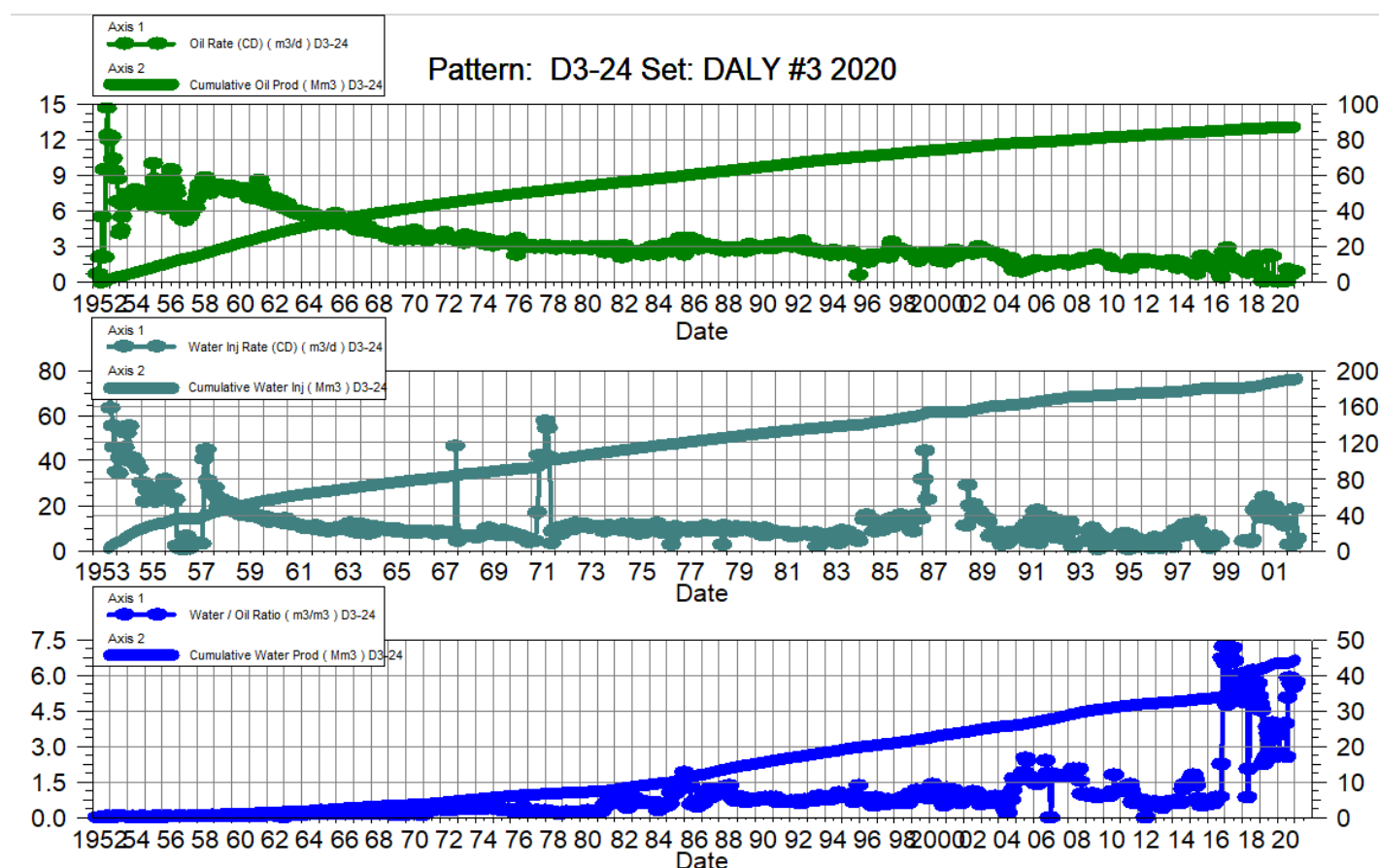
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	19.06	149.01	29.34	56.62		244.38	1.54		1.17	1,034.21
2-29-2020	17.68	149.52	27.74	57.43		244.38	1.57		1.17	1,034.21
3-31-2020	16.92	150.04	27.15	58.27		244.38	1.60		1.16	1,034.21
4-30-2020	17.66	150.57	27.86	59.11		244.38	1.58		1.15	1,034.21
5-31-2020	15.32	151.05	26.40	59.93		244.38	1.72		1.14	1,034.21
6-30-2020	15.54	151.52	25.81	60.70		244.38	1.66		1.14	997.44
7-31-2020	14.09	151.95	22.68	61.40		244.38	1.61		1.13	896.32
8-31-2020	15.03	152.42	27.09	62.24		244.38	1.80		1.12	896.32
9-30-2020	13.78	152.83	23.99	62.96		244.38	1.74		1.12	896.32
10-31-2020	12.95	153.23	22.66	63.66		244.38	1.75		1.11	896.32
11-30-2020	13.80	153.65	26.65	64.46		244.38	1.93		1.11	896.32
12-31-2020	13.87	154.08	26.33	65.28		244.38	1.90		1.10	896.32



Daly Unit No. 3

Pattern P-24 - 00/14-01-010-28W1/00

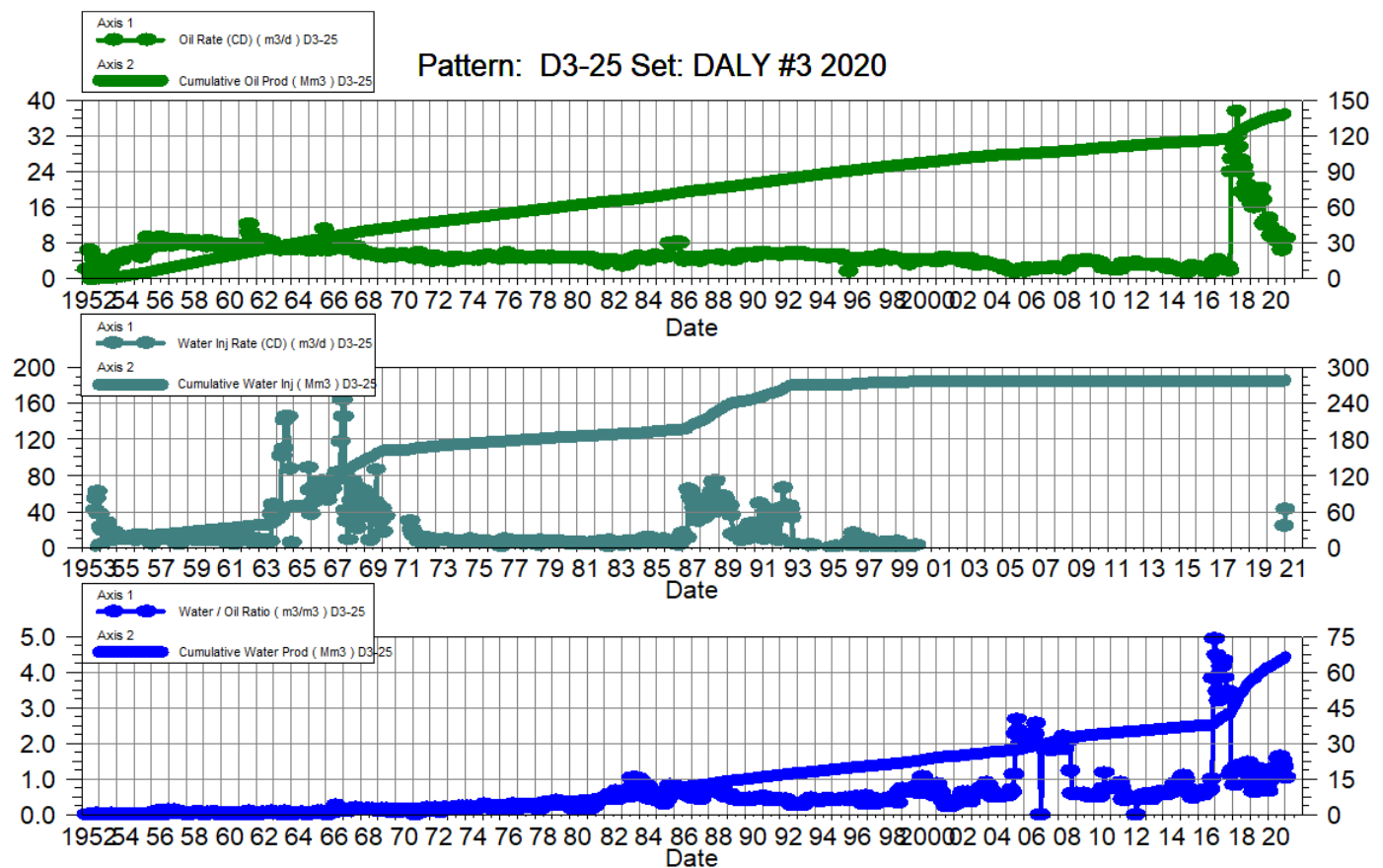
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa
1-31-2020	0.15	87.35	0.40	43.12		192.02	2.71		1.45	469.29
2-29-2020	0.12	87.35	0.41	43.13		192.02	3.47		1.45	482.63
3-31-2020	0.11	87.36	0.42	43.15		192.02	3.88		1.45	482.63
4-30-2020	0.11	87.36	0.44	43.16		192.02	3.87		1.45	482.63
5-31-2020	0.11	87.36	0.44	43.17		192.02	3.96		1.45	482.63
6-30-2020	0.11	87.37	0.45	43.19		192.02	3.96		1.45	519.40
7-31-2020	0.13	87.37	0.34	43.20		192.02	2.53		1.45	620.53
8-31-2020	1.09	87.40	5.51	43.37		192.02	5.04		1.45	620.53
9-30-2020	0.93	87.43	5.45	43.53		192.02	5.87		1.45	620.53
10-31-2020	0.69	87.45	3.87	43.65		192.02	5.63		1.45	620.53
11-30-2020	0.92	87.48	5.11	43.80		192.02	5.58		1.44	620.53
12-31-2020	0.95	87.51	5.21	43.97		192.02	5.48		1.44	620.53



Daly Unit No. 3

Pattern P-25 – 04/15-01-010-28W1/00, 00/16-01-010-28W1/00

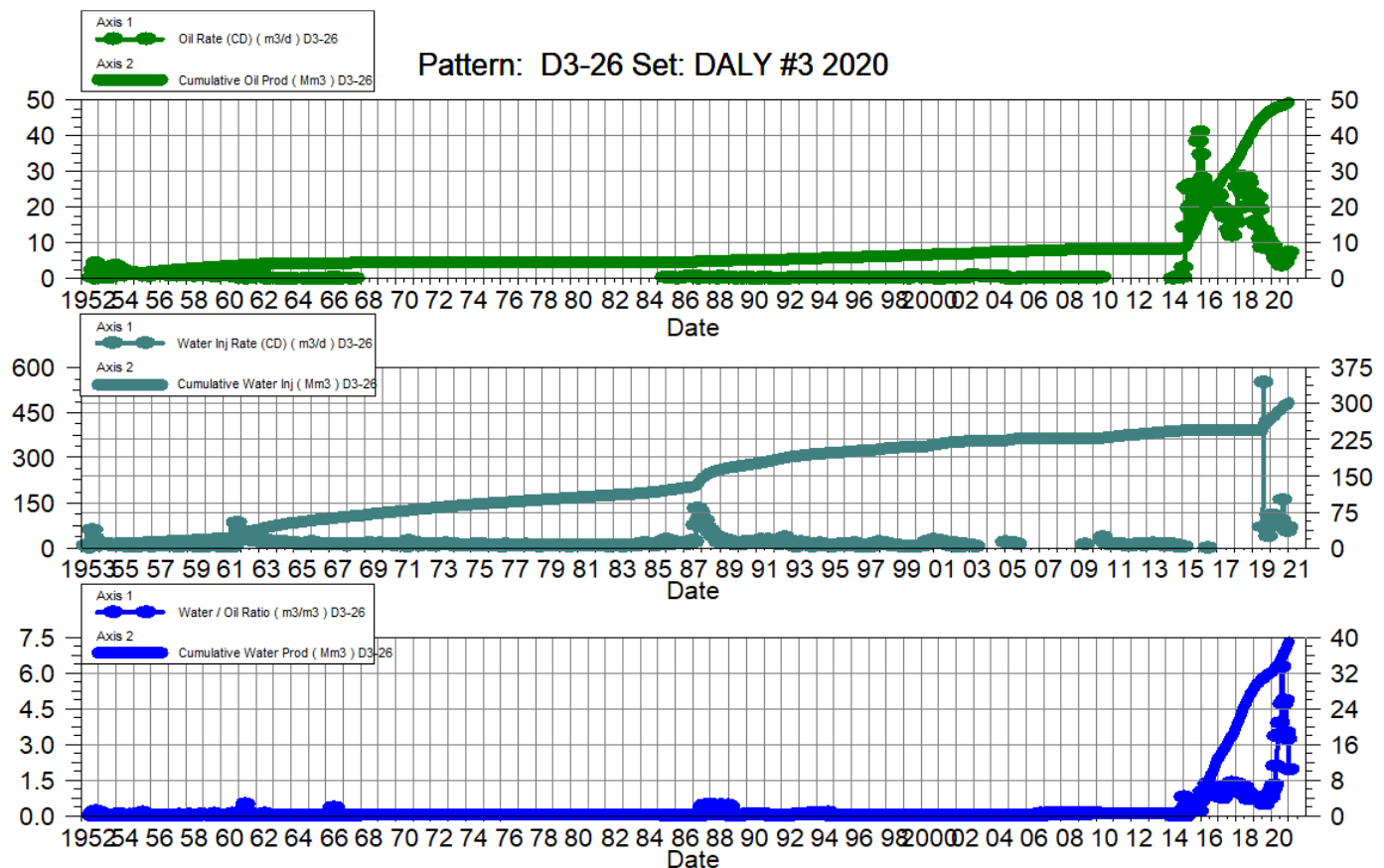
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	13.65	135.80	8.82	61.90		277.99	0.65		1.39	-	137.89
2-29-2020	11.66	136.14	10.69	62.21		277.99	0.92		1.38	-	137.89
3-31-2020	9.77	136.44	12.21	62.59		277.99	1.25		1.38	-	137.89
4-30-2020	9.70	136.73	12.00	62.95		277.99	1.24		1.37	-	137.89
5-31-2020	9.26	137.02	11.87	63.32		277.99	1.28		1.37	-	137.89
6-30-2020	9.42	137.30	11.47	63.66		277.99	1.22		1.37	-	137.89
7-31-2020	8.61	137.57	10.06	63.97		277.99	1.17		1.36	-	137.89
8-31-2020	10.40	137.89	16.41	64.48		277.99	1.58		1.36	-	137.89
9-30-2020	9.82	138.19	16.07	64.97		277.99	1.64		1.35	-	137.89
10-31-2020	6.52	138.39	10.06	65.28		277.99	1.54		1.35	-	137.89
11-30-2020	7.08	138.60	10.61	65.60		277.99	1.50		1.34	-	137.89
12-31-2020	8.94	138.88	11.97	65.97	23.64	278.72	1.34	1.12	1.34	-	137.89



Daly Unit No. 3

Pattern P-26 – 03/10-01-010-28W1/00, 00/10-01-010-28W1/00, 00/12-01-010-28W1/00

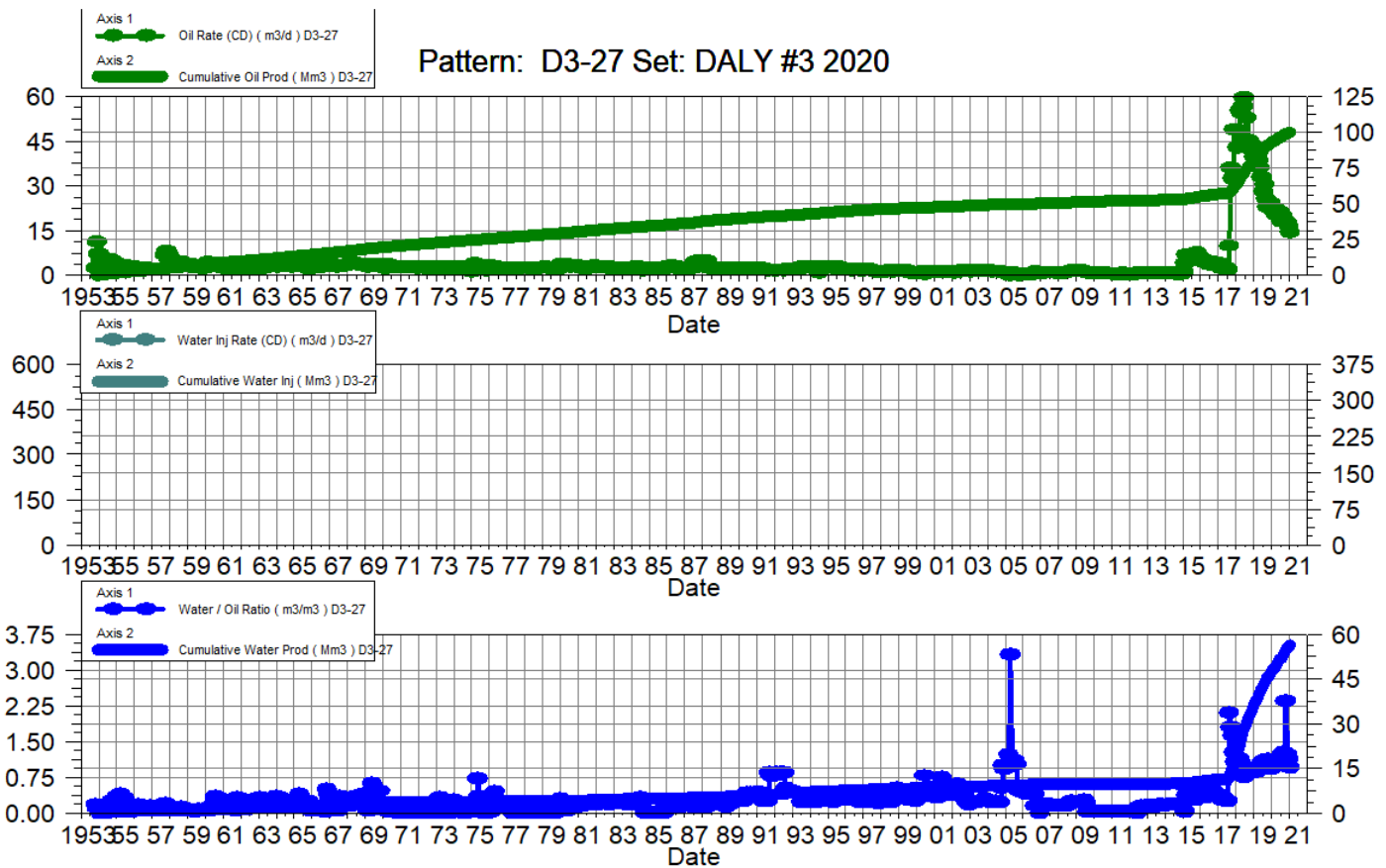
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPa	Water Inj Pressure kPa	Water Inj Pressure kPa
1-31-2020	9.04	47.16	9.30	32.28	88.06	271.61	1.03	4.76	3.38	7,000.00	620.53	5,800.00
2-29-2020	9.08	47.42	10.41	32.58	72.72	273.72	1.15	3.70	3.38	7,000.00	620.53	5,800.00
3-31-2020	8.01	47.67	10.44	32.90	90.35	276.52	1.30	4.86	3.39	7,000.00	620.53	5,800.00
4-30-2020	6.73	47.87	13.96	33.32	107.43	279.75	2.08	5.16	3.41	7,066.67	620.53	5,800.00
5-31-2020	5.49	48.04	18.26	33.89	103.52	282.96	3.32	4.34	3.42	7,200.00	620.53	5,800.00
6-30-2020	5.54	48.21	18.74	34.45	95.60	285.82	3.38	3.92	3.42	7,200.00	638.91	5,800.00
7-31-2020	4.10	48.34	16.01	34.95	70.21	288.00	3.90	3.48	3.42	7,200.00	689.47	5,800.00
8-31-2020	3.62	48.45	22.56	35.65	91.55	290.84	6.23	3.49	3.42	7,200.00	689.47	5,800.00
9-30-2020	4.72	48.59	22.23	36.31	160.04	295.64	4.70	5.92	3.44	7,200.00	689.47	5,800.00
10-31-2020	4.88	48.74	23.50	37.04	71.38	297.85	4.82	2.51	3.44	7,200.00	729.51	5,800.00
11-30-2020	6.08	48.92	21.11	37.67	63.57	299.76	3.47	2.33	3.42	7,200.00	758.42	5,800.00
12-31-2020	6.46	49.12	20.78	38.32	54.92	301.46	3.21	2.01	3.41	7,200.00	758.42	5,800.00



Daly Unit No. 3

Pattern P-27 - 03/05-01-010-28W1/00

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	21.99	93.39	21.83	47.81		0.00	0.99		0.00	-
2-29-2020	22.32	94.03	23.26	48.49		0.00	1.04		0.00	-
3-31-2020	20.34	94.67	22.34	49.18		0.00	1.10		0.00	-
4-30-2020	22.08	95.33	23.58	49.89		0.00	1.07		0.00	-
5-31-2020	21.66	96.00	24.57	50.65		0.00	1.13		0.00	-
6-30-2020	21.28	96.64	22.35	51.32		0.00	1.05		0.00	-
7-31-2020	18.18	97.20	22.36	52.01		0.00	1.23		0.00	-
8-31-2020	19.88	97.82	24.17	52.76		0.00	1.22		0.00	-
9-30-2020	18.42	98.37	23.58	53.47		0.00	1.28		0.00	-
10-31-2020	18.22	98.93	42.80	54.80		0.00	2.35		0.00	-
11-30-2020	17.63	99.46	21.63	55.45		0.00	1.23		0.00	-
12-31-2020	16.63	99.98	18.60	56.02		0.00	1.12		0.00	-



Daly Unit No. 3

Pattern P-28 - 02/09-02-010-28W1/00

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	19.62	74.16	18.13	32.80		0.00	0.92		0.00	-
2-29-2020	18.16	74.69	18.11	33.32		0.00	1.00		0.00	-
3-31-2020	17.28	75.22	18.06	33.88		0.00	1.05		0.00	-
4-30-2020	17.23	75.74	21.83	34.54		0.00	1.27		0.00	-
5-31-2020	14.04	76.18	24.98	35.31		0.00	1.78		0.00	-
6-30-2020	14.36	76.61	25.47	36.08		0.00	1.77		0.00	-
7-31-2020	12.03	76.98	22.11	36.76		0.00	1.84		0.00	-
8-31-2020	12.91	77.38	25.99	37.57		0.00	2.01		0.00	-
9-30-2020	14.56	77.82	23.70	38.28		0.00	1.63		0.00	-
10-31-2020	13.65	78.24	22.52	38.98		0.00	1.65		0.00	-
11-30-2020	16.26	78.73	23.63	39.69		0.00	1.45		0.00	-
12-31-2020	16.20	79.23	23.36	40.41		0.00	1.44		0.00	-

