

Daly Unit #1
2016 Annual EOR Report

Executive Summary

In 2016 oil production in the Daly Unit #1 was 106.4 m³/d (669 bbl/d) totaling 38.4 e³m³ (244.3 mbbbl). Annual production was up 12.3% from 2015 to 2016, the unit has seen a huge change in production with the drilling of horizontal infills. By the end of 2016 cumulative oil production from the Daly Unit #1 was 1,385 e³m³ (8.71 mmbbl).

Prior to Corex operatorship there had been no drilling activity in the unit since the 1970's when all of the water injectors were drilled and the waterflood was initiated. However, in 2014 four horizontals were drilled in the Middle Daly formation, and another 4 wells were drilled in 2015 to set up a phase one waterflood area. In December 2016 there were 30 producing oil wells and 5 water injectors active in the unit.

Discussion

The Daly Unit #1 has been under waterflood since 1969, 17 years after initial production in 1952. Water injection increased the oil production rate from $\sim 50 \text{ m}^3/\text{d}$ (314 bbl/d) just prior to injection to $\sim 140 \text{ m}^3/\text{d}$ (880 bbl/d) peak production after injection.

With further horizontal drilling in the unit the unit production was up again this year, although not as steeply as in previous years. Prior to development the unit had a relatively flat decline of 5.4%.

Significant events in 2016:

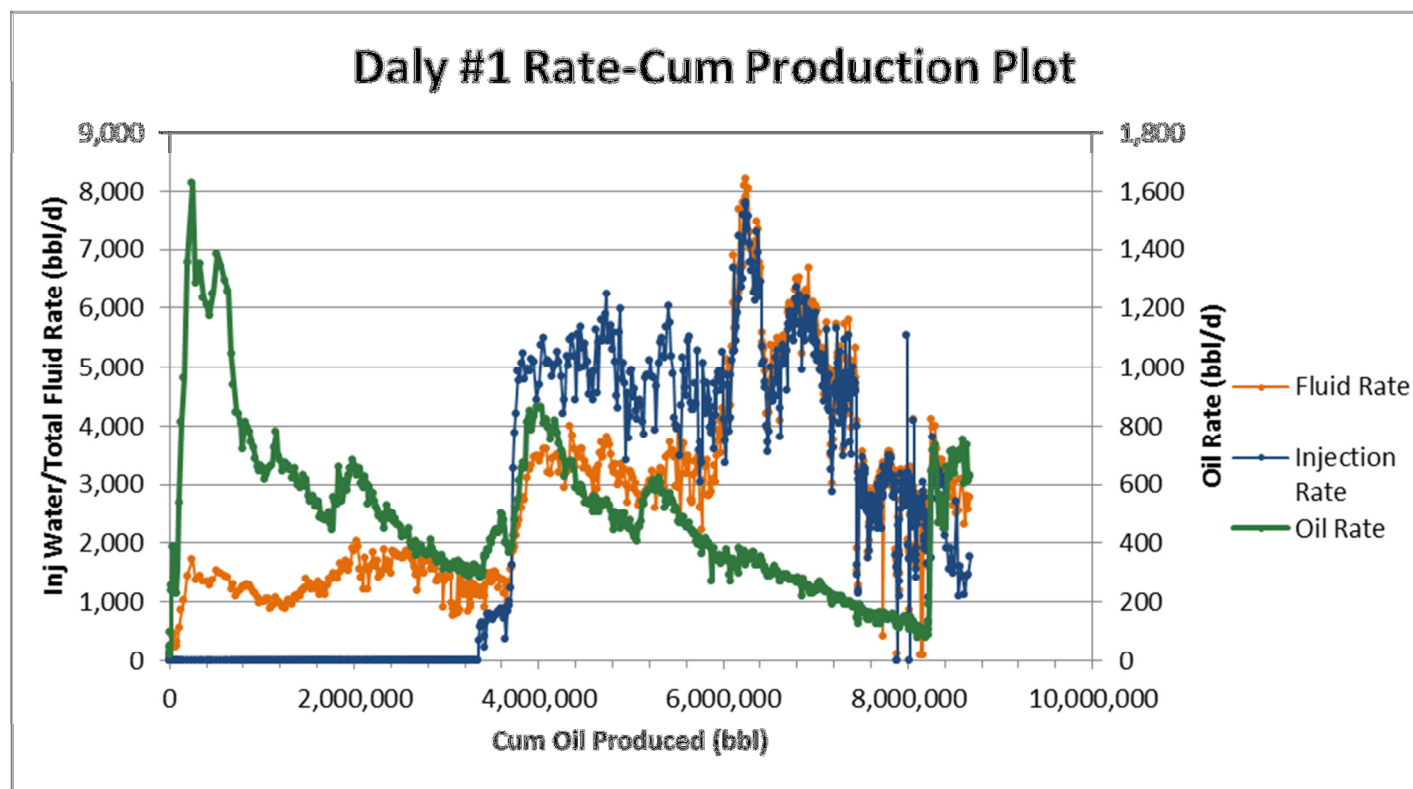
- January 2016, recompleted 100/13-33-009-28W1/00 in the Flossie formation.
- February 2016, fraced the disposal well in the unit.
- September 2016, begin partial battery upgrade.
- September 2016, close several sliding sleeves on the 103/04-10-010-28W1/00 horizontal well in an attempt to shut off water production.

In the past the waterflood performed quite well. However, we believe that further injector conversions in a line drive orientation targeting the Crinoid will be successful in recovering incremental reserves. The horizontal Daly wells have been drilled in a phase one area to facilitate a possible horizontal-horizontal waterflood after primary depletion when the patterns have been established. Thus far, the Flossie development has not progressed past recompletions in the vertical wells. The average injection rate for the unit is $240 \text{ m}^3/\text{d}$ (1,509 bbl/d) and the producing WOR dropped to $3 \text{ m}^3/\text{m}^3$. The injected water at Daly Unit #1 is not filtered or treated in any way.

In the composite rate – cumulative oil plot below, waterflood response is clearly demonstrated at a cumulative oil production of $550 \text{ e}^3\text{m}^3$ (3.5 MMbbl). Waterflood response was very good and as a result expected ultimate oil recovery was increased by approximately 1.5 times the estimated primary recovery.

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

Daly #1 – Rate vs Cum Oil Production



Daly #1 – Rate vs Time



2016 Reservoir Pressure Surveys

Unit	UWI	License	Test Type	Date of Pressure	Duration of SI (days)	Datum BHP (kPaa)
Daly #1	100/15-32-009-28W1/00	333	FL Shot	7/14/2016	6	8,161
Daly #1	102/12-03-010-28W1/00	10100	AWS BU	7/15/2016	6	1,597
Daly #1	103/12-03-010-28W1/00	10101	AWS BU	7/15/2016	6	985
Daly #1	102/13-03-010-28W1/00	2484	SG	5/5/2016	6	2,504
Daly #1	103/13-03-010-28W1/00	10164	AWS BU	7/15/2016	6	1,342
Daly #1	104/13-03-010-28W1/00	10165	AWS BU	7/15/2016	6	1,604
Daly #1	100/03-04-010-28W1/00	297	FL Shot	7/14/2016	6	254
Daly #1	100/05-04-010-28W1/00	274	FL Shot	7/14/2016	6	6,259
Daly #1	100/12-04-010-28W1/00	310	FL Shot	7/14/2016	6	11,238
Daly #1	103/12-04-010-28W1/00	2480	FL Shot	7/14/2016	6	9,788
Daly #1	102/12-04-010-28W1/02	529	FL Shot	7/14/2016	6	14,183
Daly #1	100/13-04-010-28W1/00	233	FL Shot	7/14/2016	6	1,156
Daly #1	102/13-04-010-28W1/00	2601	FL Shot	7/14/2016	6	9,278
Daly #1	102/15-04-010-28W1/00	2485	SG	5/5/2016	6	7,004
Daly #1	100/02-05-010-28W1/00	327	FL Shot	7/14/2016	6	6,054
Daly #1	100/08-05-010-28W1/00	308	FL Shot	7/14/2016	6	5,566
Daly #1	100/09-05-010-28W1/00	318	FL Shot	7/14/2016	6	3,564
Daly #1	100/15-05-010-28W1/00	2521	FL Shot	7/14/2016	6	6,396
Daly #1	100/16-05-010-28W1/00	264	FL Shot	7/14/2016	6	3,197
Daly #1	100/01-08-010-28W1/00	351	FL Shot	7/14/2016	6	8,376
Daly #1	102/01-09-010-28W1/00	1360	FL Shot	7/14/2016	6	4,744
Daly #1	100/02-09-010-28W1/00	213	FL Shot	7/14/2016	6	1,371
Daly #1	100/03-09-010-28W1/00	196	FL Shot	7/14/2016	6	1,034
Daly #1	100/04-10-010-28W1/00	269	FL Shot	7/14/2016	6	397
Daly #1	103/04-10-010-28W1/00	10163	AWS BU	7/18/2016	6	5,183
Daly #1	102/04-10-010-28W1/00	10162	AWS BU	7/15/2016	6	2,035
Daly #1	100/05-10-010-28W1/00	1072	FL Shot	7/11/2016	6	1,119
Daly #1	102/05-10-010-28W1/00	10033	AWS BU	7/15/2016	6	1,183
Daly #1	103/05-10-010-28W1/00	10034	AWS BU	7/15/2016	6	1,604

Prior pressure surveys have shown that the water injection has increased the average reservoir pressure above the original pool pressure. This year multiple pressures were collected unit wide, with the majority focused on the potential new waterflood area within the unit. Many of the pressures within this area, the northwest portion of the unit, are quite low. This indicates that the increased depletion from the horizontal wells have lowered the pressure and therefore, implementing waterflood in the area would

be beneficial. It is likely that the pressure around the horizontal wells would not build due to the lower perm of the Daly formation, as we do not expect the wells to produce at such rates if the pressure were truly that low. Therefore, the pressure is lower due to depletion, but likely not as low as the pressures recorded would indicate. 15 AWS pressures were taken in 2010 and 2011. These pressures typically ranged between 8,000 kPaa and 9,000 kPaa, with some atypical pressures being outside that range. The initial reservoir pressure is estimated at 6,585 kPaa and the bubble point pressure as 1,517 kPaa.

In the unit we have observed some very low pressures in Daly Unit #1. It is believed that these pressures originate in the Crinoidal zone and that they may be due to a lack of pressure support. There is a low pressured Crinoid horizontal, 102/12-10-010-28W1/00, just above the unit that is anomalous. When we re-entered the old verticals to perform uphole recompletions we noticed that the Crinoidal zone was low pressure, specifically in the NE section of the unit. Later returning to the recompletions for other work it was found that this pressure had spread through the zones giving an overall low pressure for the well. With new Crinoid wells to be drilled it is intended to convert some wells to injection to help to provide pressure support and hopefully improve the sweep efficiency in that area of the unit.

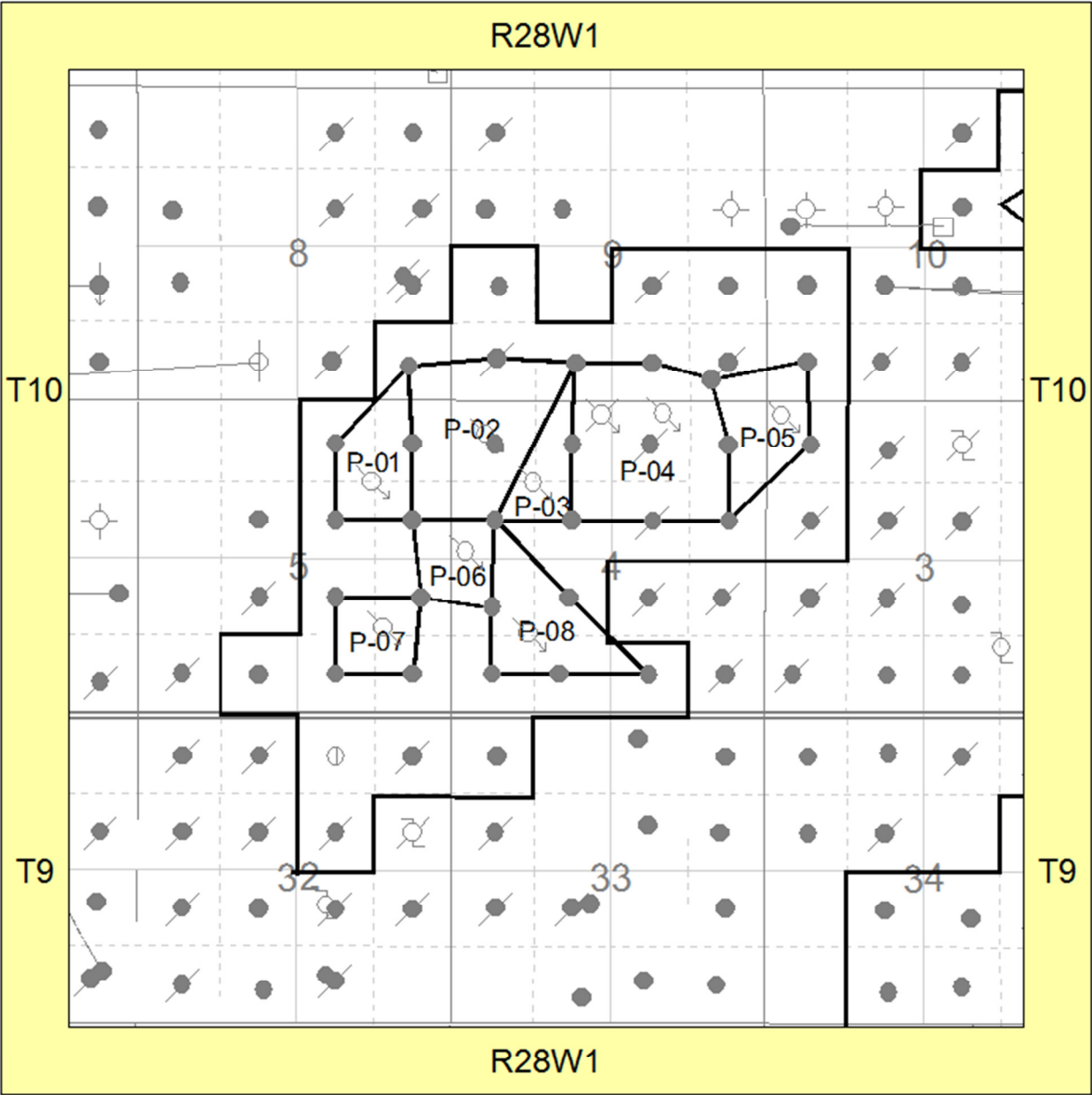
The voidage replacement ratio (VRR) in 2016 fell to 0.34 in December. The cumulative VRR at year end was 0.93. An oil formation volume factor of $1.06 \text{ rm}^3/\text{sm}^3$ and a water formation volume factor of $1.04 \text{ rm}^3/\text{sm}^3$ were used in the VRR calculations.

The high reservoir pressure recorded in 2010 and 2011 is inconsistent with the cumulative voidage replacement ratio of 0.93. There is partial pressure support for the field from an aquifer on the south west side of the field, mainly in the Crinoidal zone. Any water influx from this aquifer is not accounted for in the VRR calculation.

2016 Well Servicing

UWI	Unit	Licence	Operation	Date	Objective
102/13-03-010-28W1/00	DU#1	002484	Pressure Build-up/Survey	5-May-16	
103/05-10-010-28W1/00	DU#1	10034	Pump Repair	16-Feb-16	
102/09-04-010-28W1/00	DU#1	9742	Cathodic	8-Feb-16	
102/09-04-010-28W1/00	DU#1	9742	Workover	8-Feb-16	
102/12-03-010-28W1/00	DU#1	10100	Pump Repair	14-Jan-16	
100/14-04-010-28W1/00	DU#1	000137	Cathodic	13-Sep-16	
100/14-04-010-28W1/00	DU#1	000137	Cathodic	13-Sep-16	
100/09-05-010-28W1/00	DU#1	000318	Pump Repair	22-Feb-16	
100/09-05-010-28W1/00	DU#1	000318	Bridge Plug	10-May-16	
100/13-33-009-28W1/00	DU#1	00364	Recompletion	25-Jan-16	
102/05-10-010-28W1/00	DU#1	10033	Install Compressor	21-Mar-16	
102/05-10-010-28W1/00	DU#1	10033	Pump Repair	9-May-16	
102/05-10-010-28W1/00	DU#1	10033	Cathodic	6-Sep-16	
102/05-10-010-28W1/00	DU#1	10033	Pump Repair	11-Sep-16	
TURNAROUND	DU#1	T16DAL001	Turnaround	11-Jul-16	
TEML - LACT - 12-04-10-28	DU#1	F16DAL017	Battery Upgrade	16-Aug-16	
102/04-10-010-28W1/00	DU#1	10162	Install Compressor	4-Apr-16	
102/04-10-010-28W1/00	DU#1	10162	Pump Repair	6-Sep-16	
100/09-04-010-28W1/00	DU#1	001176	Pump Repair	22-Dec-16	
BATTERY UPGRADE	DU#1	F16DAL002	Battery Upgrade	27-Feb-16	
102/15-04-010-28W1/00	DU#1	002485	Pressure Build-up/Survey	5-May-16	
103/12-03-010-28W1/00	DU#1	10101	Install Compressor	5-Apr-16	
BATTERY UPGRADE	DU#1	F16DAL016	Battery Upgrade	30-Jun-16	
103/04-10-010-28W1/00	DU#1	10163	Pump Repair	21-Jun-16	
103/04-10-010-28W1/00	DU#1	10163	Reconfigure Tubing/Components	19-Sep-16	
104/13-03-010-28W1/00	DU#1	10165	Install Compressor	4-Apr-16	
104/13-03-010-28W1/00	DU#1	10165	Pump Repair	25-Jul-16	

Waterflood Pattern Map

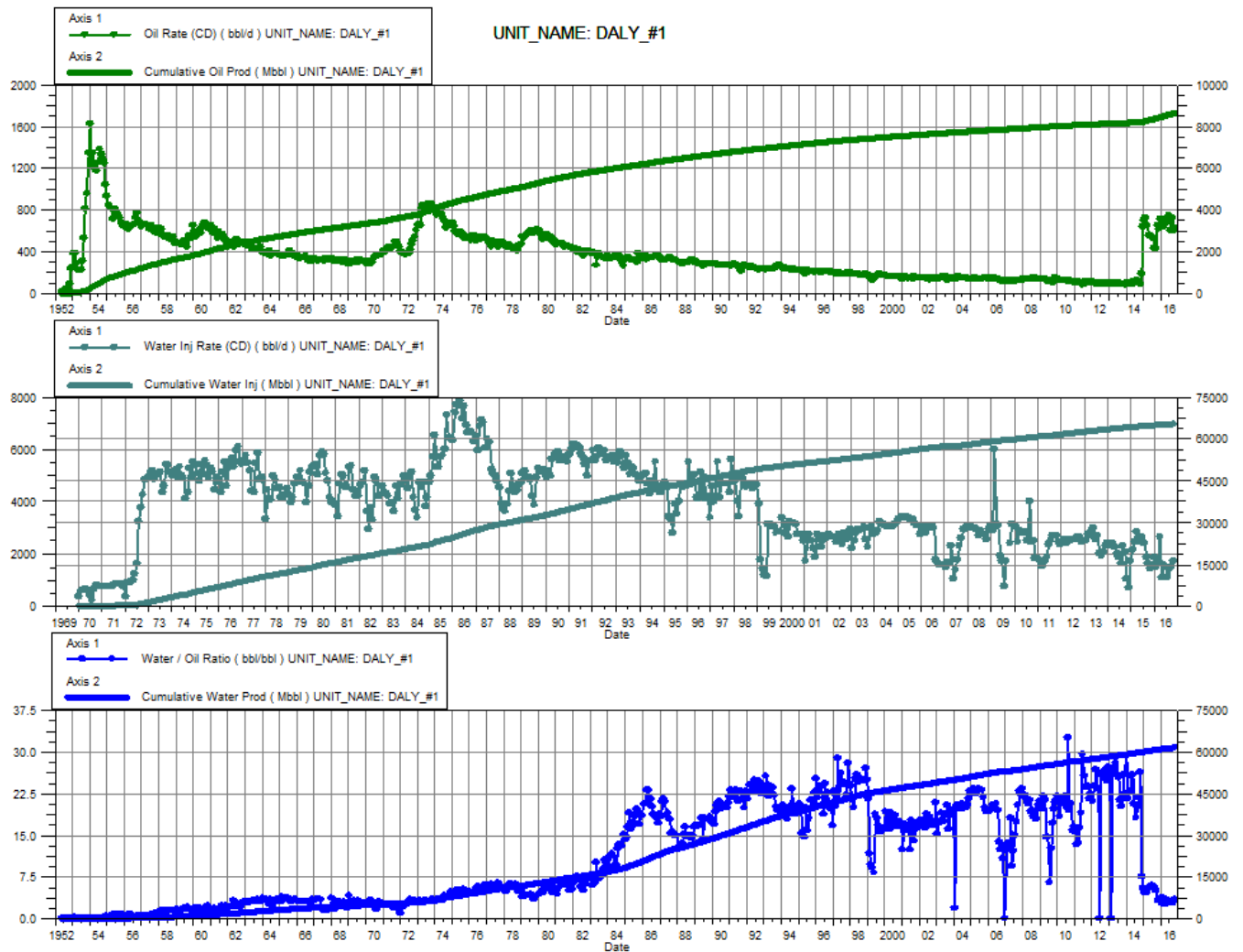


Waterflood Patterns and Corresponding Injectors

Pattern	Well
P-05	102/13-03-010-28W1/00
P-04	102/14-04-010-28W1/00
P-04	102/15-04-010-28W1/00
P-03	102/12-04-010-28W1/02
P-02	102/13-04-010-28W1/00
P-01	102/15-05-010-28W1/00
P-06	103/12-04-010-28W1/00
P-07	102/08-05-010-28W1/00
P-08	102/05-04-010-28W1/00

Total for Daly Unit #1

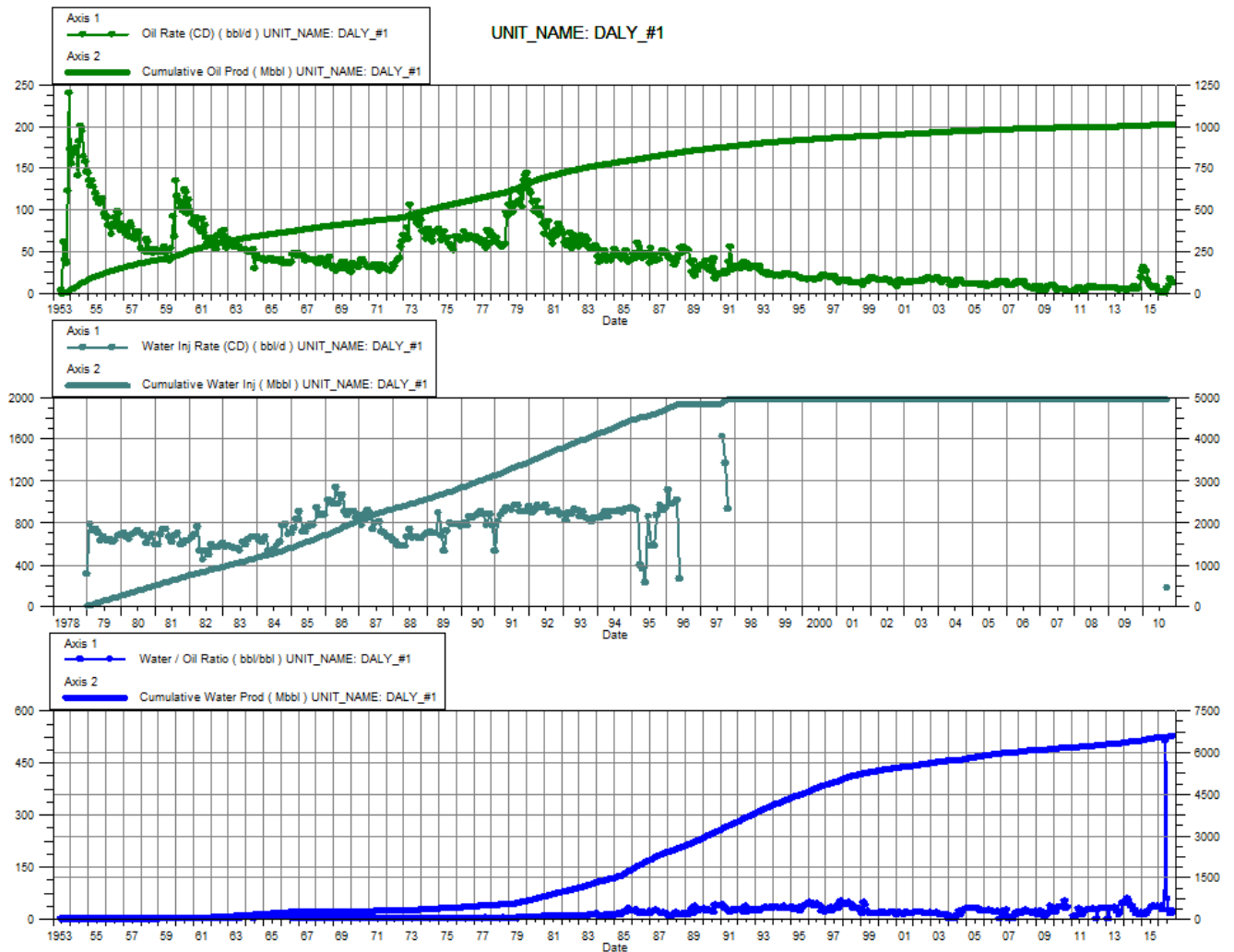
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacemt Ratio	Water Inj Pressure kPa
1/31/2016	113.81	1349.02	304.30	9727.62	234.62	10344.57	2.67	0.56	0.93	7,625.00
2/29/2016	101.37	1351.96	380.27	9738.65	267.70	10352.34	3.75	0.55	0.93	7,603.02
3/31/2016	112.05	1355.44	284.92	9747.48	423.25	10365.46	2.54	1.06	0.93	6,987.50
4/30/2016	108.50	1358.69	294.92	9756.33	175.61	10370.73	2.72	0.43	0.93	6,987.50
5/31/2016	113.91	1362.22	375.20	9767.96	249.90	10378.47	3.29	0.51	0.93	6,987.50
6/30/2016	119.25	1365.80	372.19	9779.13	234.52	10385.51	3.12	0.48	0.93	6,990.00
7/31/2016	96.17	1368.78	271.33	9787.54	173.65	10390.89	2.82	0.47	0.93	7,062.50
8/31/2016	116.46	1372.39	329.46	9797.75	226.19	10397.90	2.83	0.51	0.93	7,062.50
9/30/2016	96.95	1375.30	310.09	9807.05	236.44	10405.00	3.20	0.58	0.93	7,062.50
10/31/2016	100.10	1378.40	342.45	9817.67	275.37	10413.53	3.42	0.62	0.93	7,062.50
11/30/2016	103.15	1381.50	331.51	9827.61	238.17	10420.68	3.21	0.55	0.93	7,062.50
12/31/2016	90.70	1384.31	307.00	9837.13	134.22	10424.84	3.38	0.34	0.93	7,062.50



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Pattern P-01 - 02/15-05-010-28W1/0

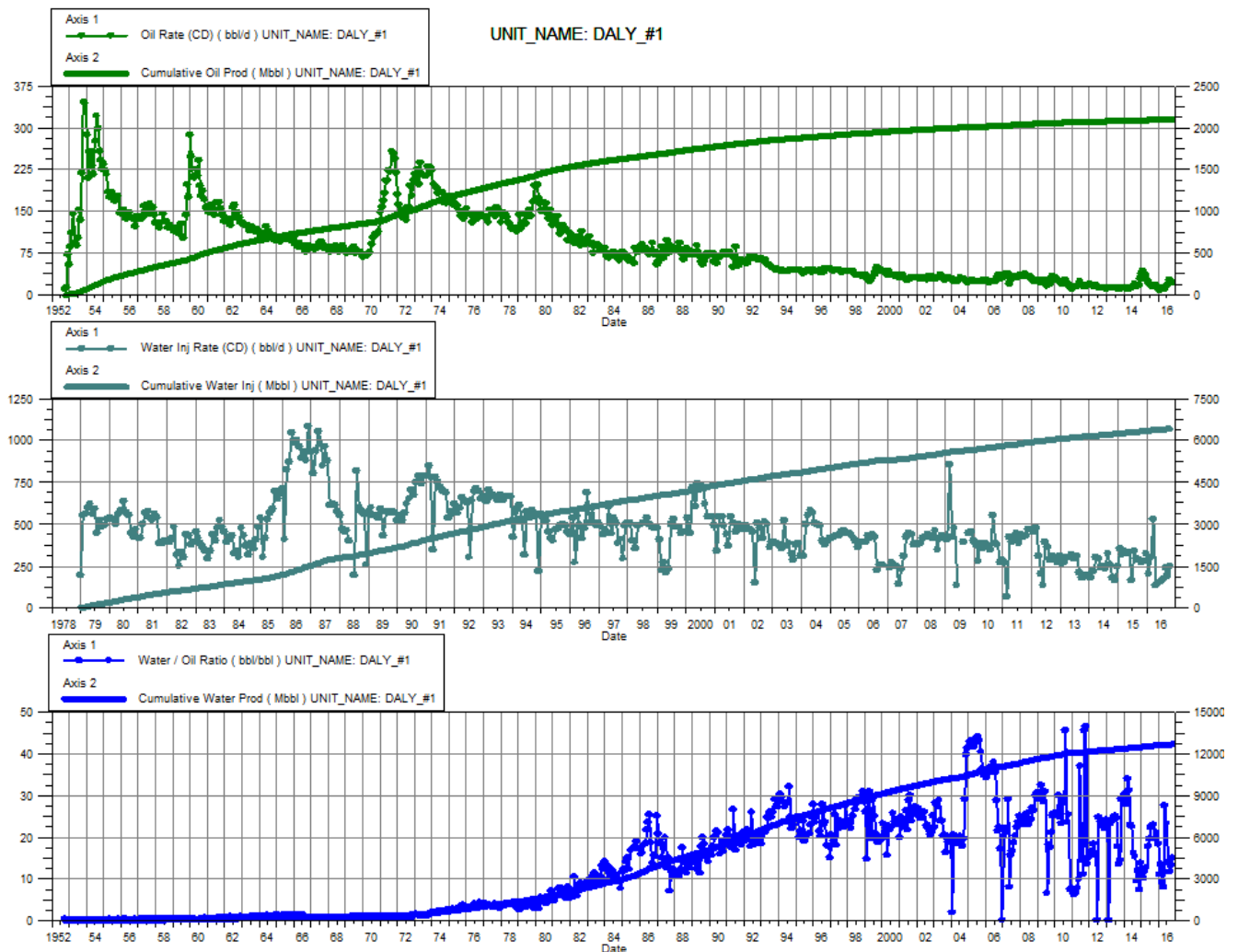
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPg
1/31/2016	0.06	160.59	1.92	1041.25		790.33	33.00		0.66	--
2/29/2016	0.26	160.60	9.30	1041.51		790.33	36.45		0.66	--
3/31/2016	0.39	160.61	9.76	1041.82		790.33	25.22		0.66	--
4/30/2016	0.05	160.61	1.44	1041.86		790.33	27.00		0.66	--
5/31/2016	0.06	160.62	33.19	1042.89		790.33	514.40		0.66	--
6/30/2016	0.80	160.64	47.18	1044.31		790.33	58.73		0.65	--
7/31/2016	1.29	160.68	33.45	1045.34		790.33	25.86		0.65	--
8/31/2016	2.74	160.77	45.06	1046.74		790.33	16.47		0.65	--
9/30/2016	2.32	160.83	44.37	1048.07		790.33	19.15		0.65	--
10/31/2016	2.18	160.90	47.27	1049.54		790.33	21.71		0.65	--
11/30/2016	2.28	160.97	46.44	1050.93		790.33	20.37		0.65	--
12/31/2016	2.07	161.03	43.65	1052.28		790.33	21.11		0.65	--



Daly Unit No. 1

Pattern P-02 - 02/13-04-010-28W1/0

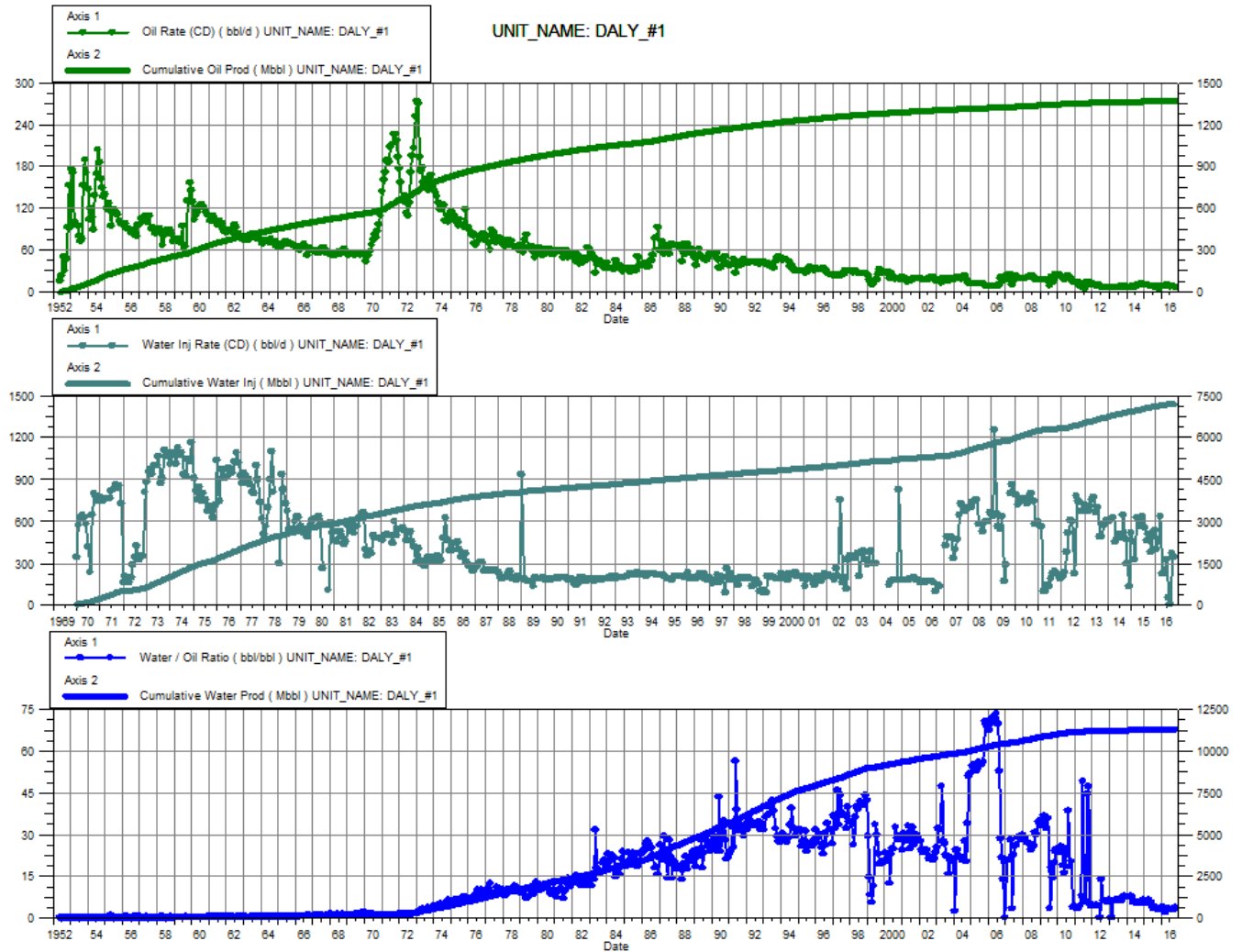
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPg
1/31/2016	1.49	333.62	16.61	2007.87	32.23	1010.36	11.15	1.78	0.43	7,700.00
2/29/2016	1.75	333.67	23.27	2008.55	47.51	1011.74	13.31	1.90	0.43	7,689.66
3/31/2016	1.91	333.73	17.36	2009.09	83.98	1014.34	9.09	4.35	0.43	7,400.00
4/30/2016	1.59	333.78	12.79	2009.47	20.58	1014.96	8.03	1.43	0.43	7,400.00
5/31/2016	1.67	333.83	45.91	2010.89	23.00	1015.67	27.53	0.48	0.43	7,400.00
6/30/2016	2.46	333.91	57.17	2012.61	25.30	1016.43	23.24	0.42	0.43	7,400.00
7/31/2016	2.82	333.99	38.77	2013.81	26.59	1017.26	13.77	0.64	0.43	7,400.00
8/31/2016	4.43	334.13	50.94	2015.39	38.69	1018.46	11.51	0.70	0.43	7,400.00
9/30/2016	3.83	334.25	50.63	2016.91	29.91	1019.35	13.22	0.55	0.43	7,400.00
10/31/2016	3.62	334.36	54.15	2018.59	39.80	1020.59	14.95	0.69	0.43	7,400.00
11/30/2016	3.85	334.47	53.10	2020.18	29.30	1021.47	13.80	0.51	0.43	7,400.00
12/31/2016	3.15	334.57	48.35	2021.68	11.47	1021.82	15.37	0.22	0.43	7,400.00



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Pattern P-03 - 02/12-04-010-28W1/2

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 kPg
1/31/2016	1.40	217.81	5.20	1795.90	63.75	1134.60	3.72	9.62	0.56	7,700.00
2/29/2016	1.47	217.85	5.17	1796.05	75.39	1136.79	3.53	11.32	0.56	7,689.66
3/31/2016	1.49	217.90	2.81	1796.14	100.37	1139.90	1.88	23.17	0.57	7,400.00
4/30/2016	1.51	217.94	4.23	1796.27	35.46	1140.96	2.80	6.15	0.57	7,400.00
5/31/2016	1.57	217.99	5.04	1796.42	35.86	1142.07	3.21	5.40	0.57	7,400.00
6/30/2016	1.44	218.03	5.00	1796.57	51.05	1143.61	3.48	7.90	0.57	7,400.00
7/31/2016	1.17	218.07	3.52	1796.68	7.41	1143.84	3.01	1.57	0.57	7,400.00
8/31/2016	1.30	218.11	3.89	1796.80	1.21	1143.87	3.00	0.23	0.57	7,400.00
9/30/2016	1.22	218.15	4.06	1796.93	59.44	1145.66	3.32	11.20	0.57	7,400.00
10/31/2016	1.21	218.18	4.39	1797.06	54.13	1147.33	3.64	9.64	0.57	7,400.00
11/30/2016	1.28	218.22	4.24	1797.19	3.01	1147.42	3.30	0.54	0.57	7,400.00
12/31/2016	0.83	218.25	2.36	1797.26	1.62	1147.47	2.86	0.51	0.57	7,400.00

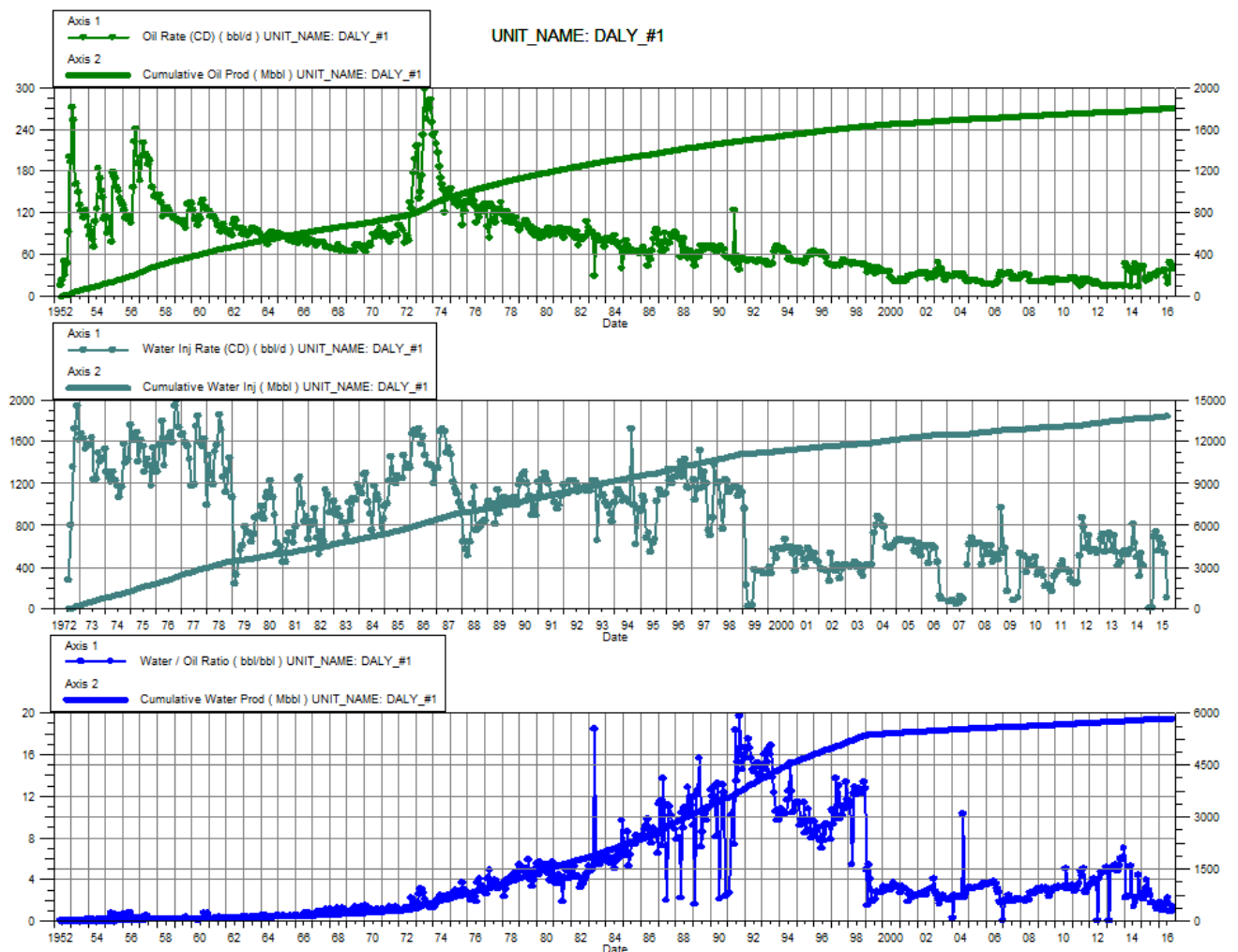


Daly Unit No. 1

Pattern P-04 - 02/14-04-010-28W1/0

P-04 - 02/15-04-010-28W1/0

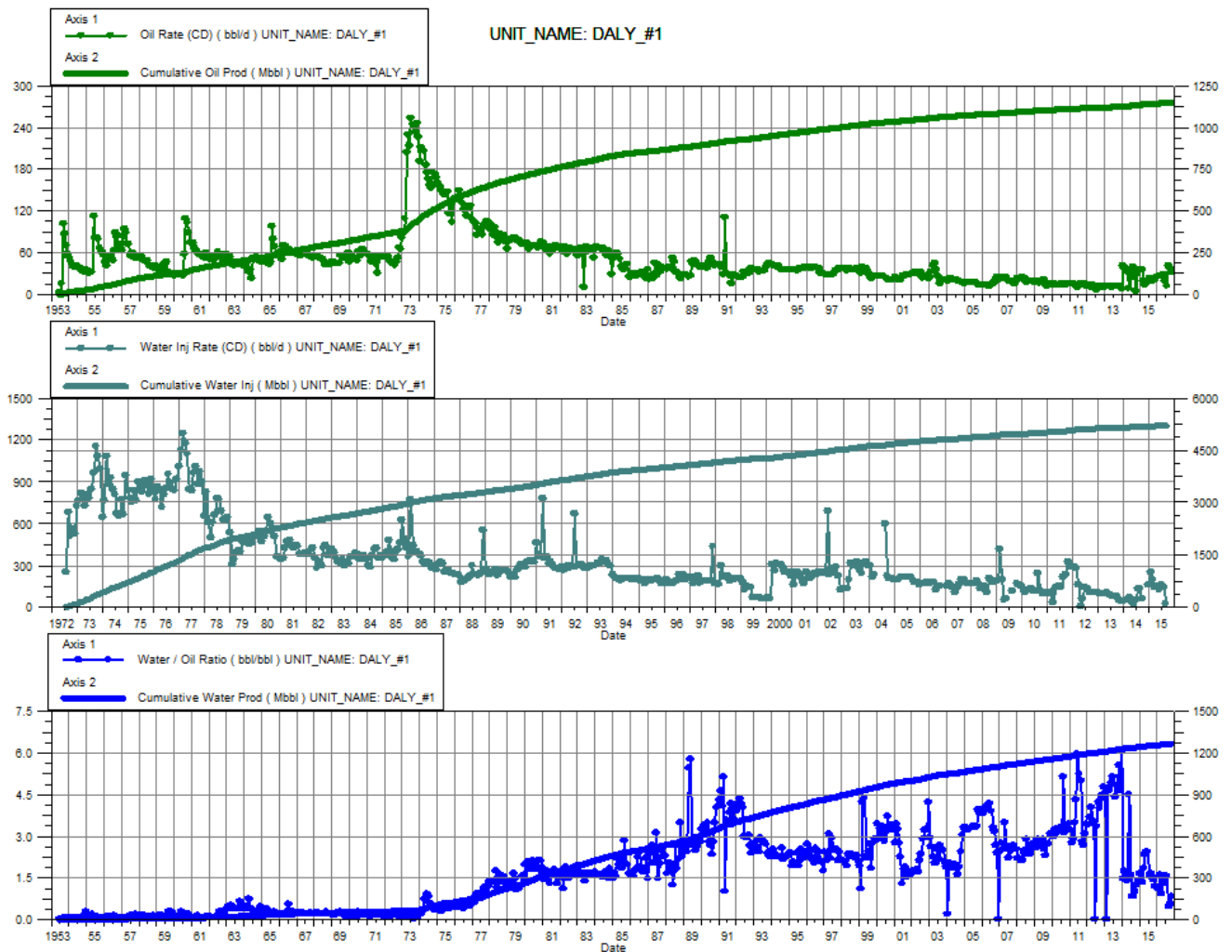
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPg
1/31/2016	5.80	285.66	10.04	926.53		2198.90	1.73		1.81	7,400.00
2/29/2016	5.74	285.82	9.89	926.81		2198.90	1.72		1.81	7,400.00
3/31/2016	5.68	286.00	5.37	926.98		2198.90	0.95		1.81	7,400.00
4/30/2016	5.84	286.17	8.10	927.22		2198.90	1.39		1.80	7,400.00
5/31/2016	5.96	286.36	9.64	927.52		2198.90	1.62		1.80	7,400.00
6/30/2016	4.27	286.49	9.16	927.80		2198.90	2.14		1.80	7,400.00
7/31/2016	2.73	286.57	6.20	927.99		2198.90	2.27		1.80	7,400.00
8/31/2016	7.65	286.81	6.65	928.20		2198.90	0.87		1.80	7,400.00
9/30/2016	7.07	287.02	7.33	928.42		2198.90	1.04		1.80	7,400.00
10/31/2016	6.18	287.21	8.55	928.68		2198.90	1.38		1.80	7,400.00
11/30/2016	6.12	287.40	8.14	928.93		2198.90	1.33		1.80	7,400.00
12/31/2016	5.00	287.55	5.94	929.11		2198.90	1.19		1.80	7,400.00



Daly Unit No. 1

Pattern P-05 - 02/13-03-010-28W1/0

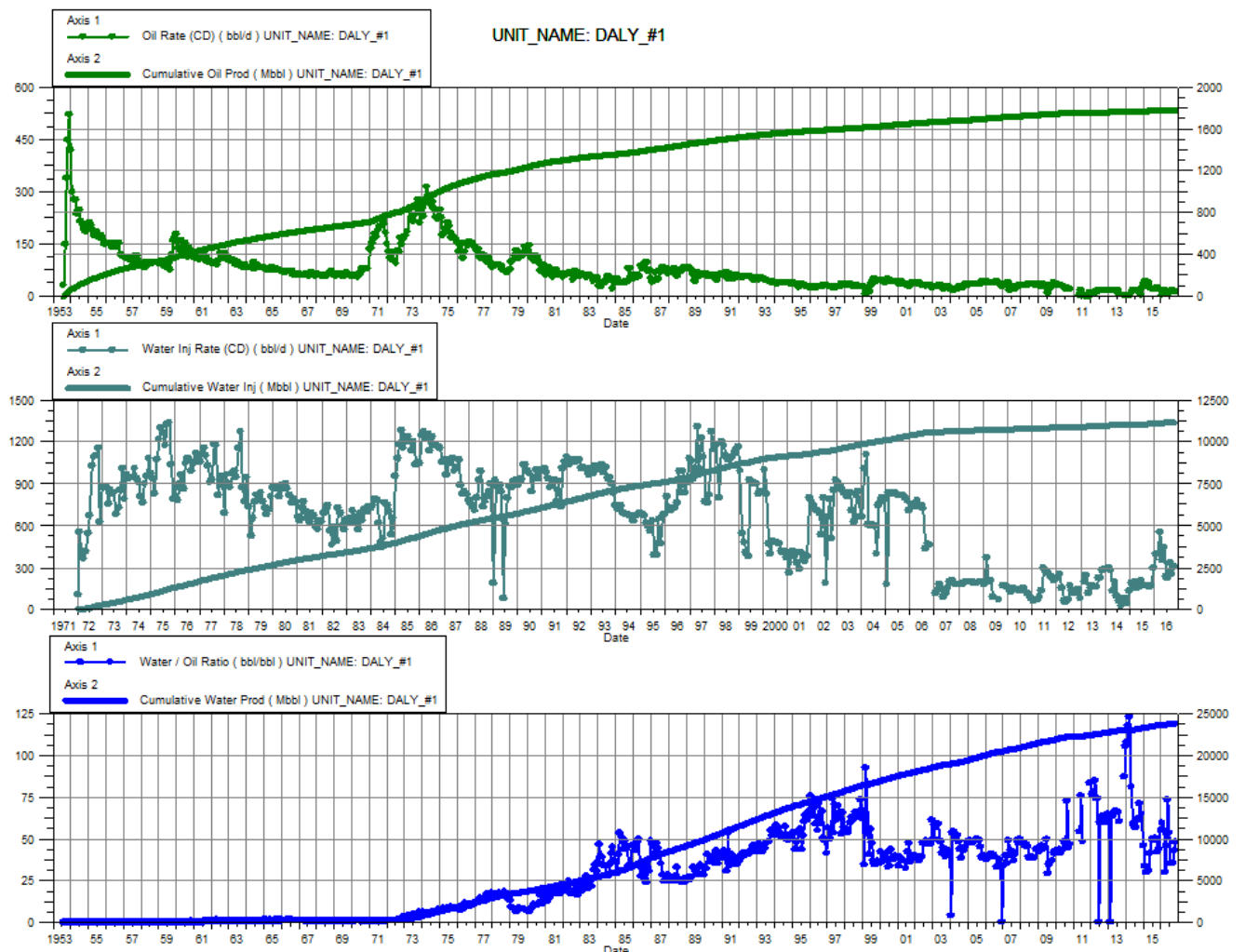
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPg
1/31/2016	4.08	182.19	4.59	200.12		829.41	1.12		2.15	7,400.00
2/29/2016	4.23	182.31	6.86	200.31		829.41	1.62		2.15	7,400.00
3/31/2016	4.15	182.44	3.72	200.43		829.41	0.90		2.15	7,400.00
4/30/2016	4.36	182.57	5.61	200.60		829.41	1.29		2.15	7,400.00
5/31/2016	4.57	182.72	6.06	200.79		829.41	1.33		2.14	7,400.00
6/30/2016	3.22	182.81	5.03	200.94		829.41	1.56		2.14	7,400.00
7/31/2016	2.04	182.88	3.16	201.03		829.41	1.55		2.14	7,400.00
8/31/2016	6.68	183.08	2.98	201.13		829.41	0.45		2.14	7,400.00
9/30/2016	6.01	183.26	3.26	201.22		829.41	0.54		2.14	7,400.00
10/31/2016	5.17	183.42	4.18	201.35		829.41	0.81		2.14	7,400.00
11/30/2016	5.05	183.57	3.97	201.47		829.41	0.79		2.13	7,400.00
12/31/2016	4.37	183.71	3.66	201.59		829.41	0.84		2.13	7,400.00



Daly Unit No. 1

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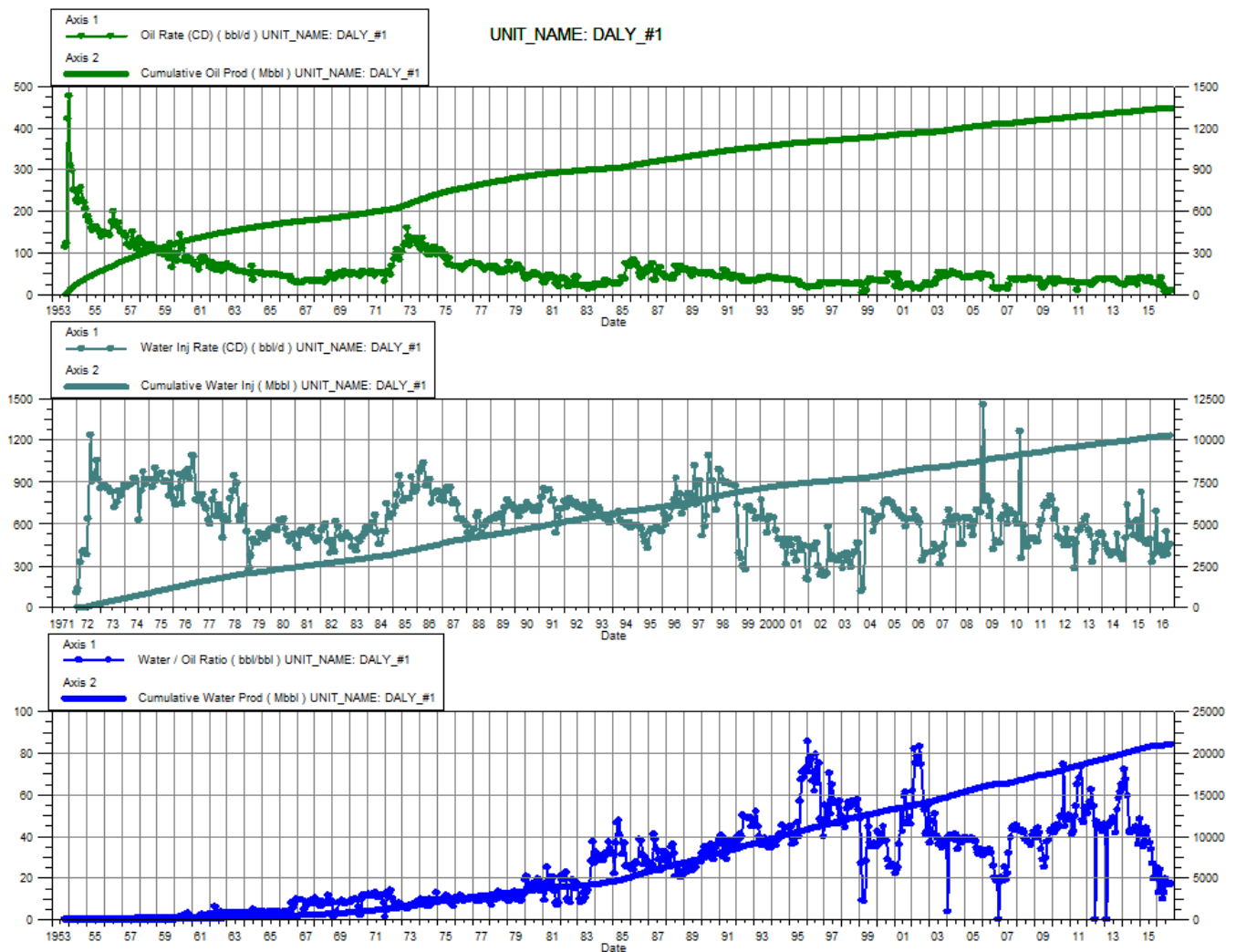
Date	Oil Rate (CD) m3/d	Cum Oil Prod Mm3	Water Rate (CD) m3/d	Cum Water Prod Mm3	Water Inj Rate (CD) m3/d	Cum Water Inj Mm3	Water Oil Ratio m3/m3	Voidage Replacement Ratio	Cum Voidage Replacement Ratio	Water Inj Pressure kPg
1/31/2016	0.55	282.84	32.93	3767.51	63.84	1763.19	59.34	1.91	0.44	7,700.00
2/29/2016	1.76	282.89	96.61	3770.31	62.64	1765.01	54.93	0.64	0.44	7,679.31
3/31/2016	2.46	282.97	74.01	3772.61	88.02	1767.74	30.03	1.15	0.44	7,100.00
4/30/2016	1.20	283.00	55.61	3774.28	55.87	1769.41	46.21	0.98	0.44	7,100.00
5/31/2016	1.24	283.04	90.28	3777.07	70.63	1771.60	73.08	0.77	0.44	7,100.00
6/30/2016	1.98	283.10	105.11	3780.23	36.85	1772.71	53.18	0.34	0.44	7,100.00
7/31/2016	2.12	283.17	74.13	3782.53	35.62	1773.81	34.92	0.47	0.44	7,100.00
8/31/2016	2.63	283.25	91.77	3785.37	52.72	1775.45	34.86	0.56	0.44	7,100.00
9/30/2016	2.21	283.32	94.03	3788.19	39.59	1776.63	42.61	0.41	0.44	7,100.00
10/31/2016	2.12	283.38	102.25	3791.36	49.06	1778.16	48.17	0.47	0.44	7,100.00
11/30/2016	2.18	283.45	96.98	3794.27	58.06	1779.90	44.42	0.59	0.44	7,100.00
12/31/2016	2.07	283.51	95.53	3797.23	32.30	1780.90	46.20	0.33	0.44	7,100.00



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Pattern P-07 - 02/08-05-010-28W1/0

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 kPg
1/31/2016	3.82	213.06	49.38	3329.52	50.82	1618.61	12.93	0.95	0.46	7,800.00
2/29/2016	4.81	213.20	114.46	3332.84	59.60	1620.34	23.81	0.50	0.46	7,772.41
3/31/2016	6.71	213.41	114.20	3336.38	110.34	1623.76	17.01	0.91	0.46	7,000.00
4/30/2016	3.64	213.52	35.23	3337.44	63.70	1625.67	9.68	1.64	0.46	7,000.00
5/31/2016	2.66	213.60	34.00	3338.49	70.64	1627.86	12.77	1.92	0.46	7,000.00
6/30/2016	1.48	213.64	29.39	3339.37	66.59	1629.86	19.86	2.16	0.46	7,000.00
7/31/2016	1.39	213.69	22.85	3340.08	58.59	1631.67	16.44	2.41	0.46	7,000.00
8/31/2016	1.55	213.73	25.26	3340.86	85.92	1634.34	16.35	3.20	0.46	7,000.00
9/30/2016	1.56	213.78	26.55	3341.66	60.97	1636.17	16.98	2.17	0.46	7,000.00
10/31/2016	1.66	213.83	28.27	3342.54	72.65	1638.42	16.99	2.42	0.46	7,000.00
11/30/2016	1.69	213.88	27.44	3343.36	84.46	1640.95	16.24	2.90	0.46	7,000.00
12/31/2016	1.53	213.93	25.16	3344.14	56.53	1642.71	16.46	2.12	0.46	7,000.00



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Pattern P-08 - 02/05-04-010-28W1/0

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 kPg
1/31/2016	2.79	310.77	39.75	2430.35	23.98	999.16	14.23	0.56	0.36	7,800.00
2/29/2016	2.95	310.86	52.43	2431.87	22.56	999.82	17.76	0.41	0.36	7,737.93
3/31/2016	3.44	310.96	39.93	2433.11	40.55	1001.08	11.61	0.93	0.36	6,000.00
4/30/2016	3.49	311.07	63.50	2435.01		1001.08	18.18		0.36	6,000.00
5/31/2016	3.62	311.18	67.15	2437.09	49.78	1002.62	18.55	0.70	0.36	6,000.00
6/30/2016	3.64	311.29	67.77	2439.13	54.73	1004.26	18.62	0.77	0.36	6,000.00
7/31/2016	3.11	311.38	48.33	2440.62	45.43	1005.67	15.56	0.88	0.37	6,000.00
8/31/2016	3.57	311.49	58.97	2442.45	47.66	1007.15	16.51	0.76	0.37	6,000.00
9/30/2016	3.30	311.59	62.13	2444.32	46.53	1008.54	18.83	0.71	0.37	6,000.00
10/31/2016	3.39	311.70	68.63	2446.44	59.73	1010.39	20.24	0.83	0.37	6,000.00
11/30/2016	3.59	311.81	63.61	2448.35	63.34	1012.29	17.72	0.94	0.37	6,000.00
12/31/2016	3.35	311.91	63.99	2450.34	32.30	1013.30	19.07	0.48	0.37	6,000.00

