

NORTH EBOR UNIT NO. 2
WATERFLOOD EOR PROJECT

ANNUAL REPORT FOR 2014

April 30, 2015

Tundra Oil and Gas Partnership

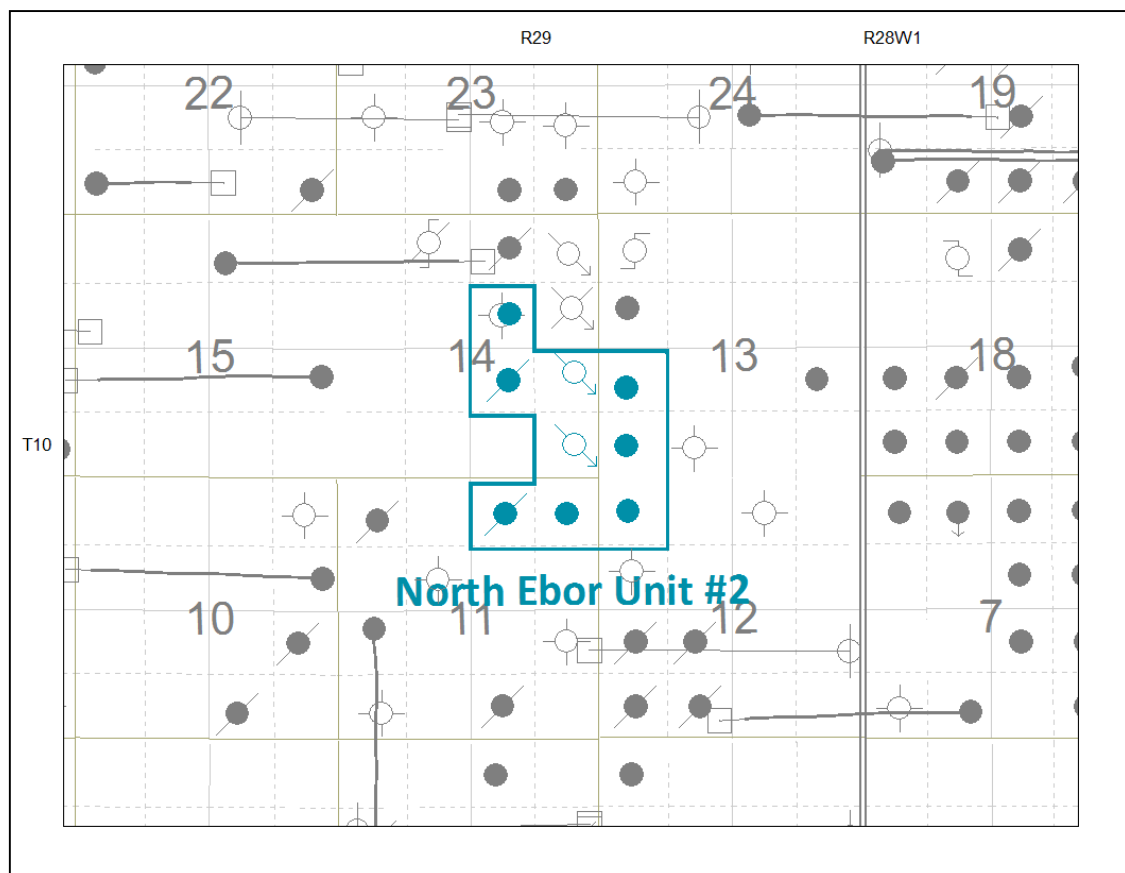
Table of Contents

| | |
|---|---|
| INTRODUCTION | 3 |
| DISCUSSION..... | 3 |
| Production History | 3 |
| Waterflood History | 5 |
| Waterflood EOR Operating Strategy and Performance | 6 |
| Water Source and Quality | 6 |
| Injection Wellhead Pressures..... | 6 |
| Reservoir Pressure | 6 |
| Well Servicing | 6 |
| Voidage Replacement..... | 6 |
| Waterflood Performance Discussion..... | 6 |
| List of Appendices..... | 8 |
| Appendix A: Well Name and Well Status | |
| Appendix B: Monthly Injection Wellhead Pressures Table | |
| Appendix C: North Ebor Unit No.2 Injection Pattern Summary | |
| Appendix D: Injector Pattern Production/Injection Rates, Cumulative and VRRs, plots and tables | |

INTRODUCTION

North Ebor Unit No. 2 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Board Order No. PM 67 effective Oct. 1, 1991, with Tundra Oil and Gas Ltd. as Operator. The EOR project area contains 9 wells in 9 LSDs in Township 10, Range 29 W1 as shown in the figure below. Well list and well status is available in Appendix A.

Figure 1: North Ebor Unit No. 2 Area Outline



In accordance with Section 73 of the Manitoba Drilling and Production Regulation, Tundra hereby submits the 2014 Annual Progress Report for North Ebor Unit No. 2 as required by Board Order No. PM 67.

DISCUSSION

Production History

For the wells included in North Ebor Unit No. 2, production started in January 1986 with 00/16-11-010-29W1/0 well. Oil production peaked at 26.5 m³/d in June 1991. The Unit was producing 1.54 m³/d of oil and 24.94 m³/d of water in December 2014. The oil

production rate, injection rate, and WOR during each month for each injection pattern and for whole project are presented in Appendix D. The rates and WOR are plotted in Figure 2.

Figure 2: North Ebor Unit No. 2 Production/Injection Rates and WOR vs. Time

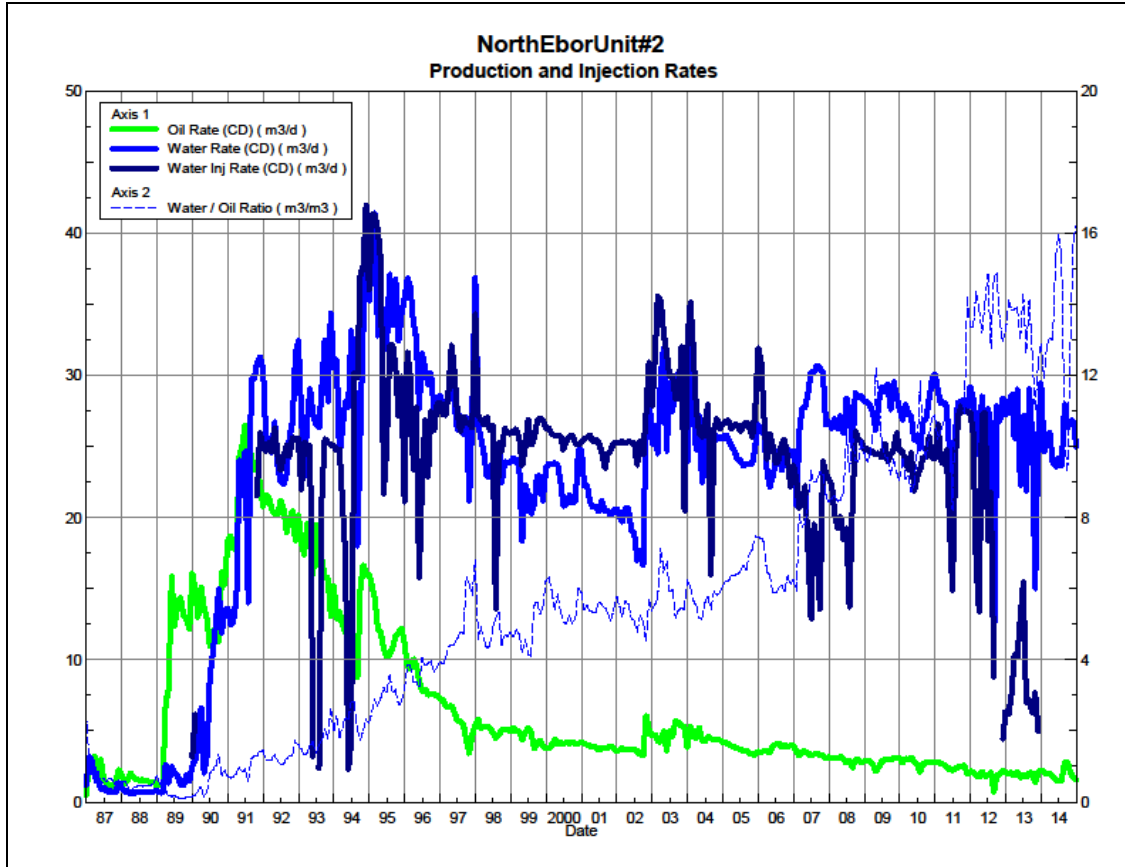
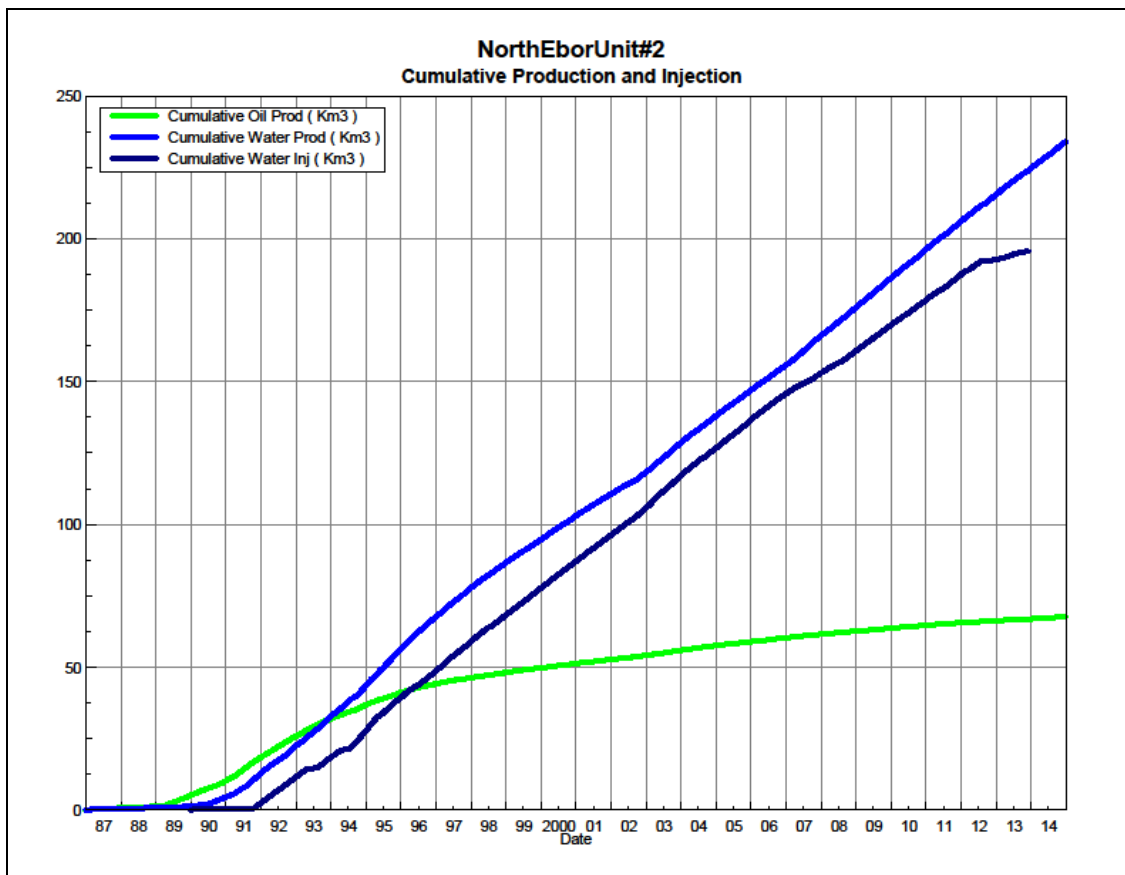


Figure 3 shows the cumulative production for North Ebor Unit No. 2 to the end of December 2014 as 67.7 e³m³ of oil, and 234.1 e³m³ of water. The cumulative water injected is 195.7 e³m³. The cumulative volume of oil, and water produced and fluid injected for each injection pattern and for the whole project for each injection well is presented in Appendix D.

Figure 3: North Ebor Unit No. 2 Cumulative Oil, Water and Water Injected vs. Time



Waterflood History

At the end of 2014, North Ebor Unit No. 2 had 2 injector patterns in place, one vertical injector on the north side 00/08-14-010-29W1/00 (00/08-14), the other vertical injector on the south side at 00/01-14-010-29W1/00 (00/01-14). Water injection started in October 1991. In November 2013, the 00/01-14 and 00/08-14 injectors were suspended pending system modifications. An overall summary for each injector pattern is presented in Appendix C.

Any future revisions to the waterflood development or surveillance plan would be based on new production or performance response data, technical studies, or observed reservoir behavior and reserves recovery interpretations.

Waterflood EOR Operating Strategy and Performance

Water Source and Quality

Until November 2013, the injection water for North Ebor Unit No. 2 was being sourced from the 00/13-13-010-29W1/00 well (Lodgepole formation). Injected fluid consisted of produced water from the Lodgepole formation, from the unit and surrounding area. Injection water for North Ebor Unit No. 2 will in the future be supplied from the Jurassic source water well at 100/02-25-010-29W1 (2-25). Tundra received approval from the Petroleum Branch in March 2013 to use the 2-25 well as a source water well for waterflood operations. Jurassic-sourced water will be pumped from the 2-25 source well to the Daly 12-24-10-29 battery, where it will be filtered to 50 microns and then pumped up to injection system pressure.

Injection Wellhead Pressures

The average monthly wellhead injection pressure for each injection well is summarized in Appendix B, and shows all injection pressure since 2003. In 2013, average injection pressure of injector 00/08-14-010-29W1/0 was 1207 kPag and 610 kPag for injector 00/01-14-010-29W1/0.

Reservoir Pressure

No reservoir pressure measurements were taken at North Ebor Unit No. 2 in 2014.

Well Servicing

Table 1 lists the maintenance that was required in North Ebor Unit No. 2 in 2014.

Table 1: Service and Maintenance in North Ebor Unit No. 2

| | | |
|---------------------|-------------|------------|
| 02/01-14-010-29W1/0 | Pump Change | 07/21/2014 |
|---------------------|-------------|------------|

Voidage Replacement

Cumulative voidage for the North Ebor Unit No. 2 was 0.638 in December 2014. Calculations, plots and tables of the Voidage replacement ratio on a monthly and cumulative basis for each injection pattern and for the project area are presented in Appendix D.

Waterflood Performance Discussion

The original oil-in-place (OOIP) of the Unit is estimated at 412.0 e³m³. In 2014, the recovery factor of the Unit is 16.4% based on 67.7 e³m³ of cumulative oil recovered to date. The ultimate expected recoverable reserve based on decline analysis is 78 e³m³ or an ultimate recovery factor of 18.9%.

The overall performance of this waterflood has been good as indicated by an expected recovery factor of 18.9%, beyond the primary recovery factor. Waterflood response is clearly evident in wells in the Unit. Trends in production are very stable and mature. No changes are anticipated in the future trends without changes to the waterflood itself.

Performance should improve with efforts to increase the instantaneous voidage above 1 so that eventually a cumulative voidage of unity is reached. In addition to increasing the water injection rate, the individual VRR plots clearly show that injection should be reduced in the 08-14 pattern and increased in the 01-14 pattern to support the withdrawals in those areas. These changes will improve performance of the waterflood.

List of Appendices

Appendix A: Well Name and Well Status

Appendix B: Monthly Injection Wellhead Pressures Table

Appendix C: North Ebor Unit No.2 Injection Pattern Summary

Appendix D: Injector Pattern Production/Injection Rates, Cumulative and VRRs

Plots and Tables for the following injectors:

00/01-14-010-29W1/0

00/08-14-010-29W1/0

Appendix A

UWI

100/15-11-010-29W1/00
100/16-11-010-29W1/02
100/13-12-010-29W1/00
100/04-13-010-29W1/00
100/05-13-010-29W1/00
100/01-14-010-29W1/00
100/07-14-010-29W1/00
100/08-14-010-29W1/00
102/10-14-010-29W1/00

Well Status

ABD Producer
Capable of OIL Prod
Capable of OIL Prod
Capable of OIL Prod
Capable of OIL Prod
WTR Injection
ABD Producer
WTR Injection
Capable of OIL Prod

Appendix B

Average Monthly Injection Pressure (kPag)

| Month | Injection Pressure | | Month | Injection Pressure | | Month | Injection Pressure | | Month | Injection Pressure | | Month | Injection Pressure | |
|--------|--------------------|-----------|--------|--------------------|-----------|--------|--------------------|-----------|--------|--------------------|-----------|--------|--------------------|-----------|
| | 100/01-14 | 100/08-14 | | 100/01-14 | 100/08-14 | | 100/01-14 | 100/08-14 | | 100/01-14 | 100/08-14 | | 100/01-14 | 100/08-14 |
| | | | Jan-05 | 8800 | 8000 | Jan-08 | 9290 | 9000 | Jan-11 | 9813 | 8600 | Jan-14 | - | - |
| | | | Feb-05 | 8800 | 8000 | Feb-08 | 8876 | 9000 | Feb-11 | 9800 | 8600 | Feb-14 | - | - |
| | | | Mar-05 | 8800 | 8000 | Mar-08 | 9881 | 9142 | Mar-11 | 9852 | 8065 | Mar-14 | - | - |
| | | | Apr-05 | 8733 | 8000 | Apr-08 | 10103 | 9117 | Apr-11 | 10200 | 8700 | Apr-14 | - | - |
| | | | May-05 | 8400 | 8000 | May-08 | 10000 | 9100 | May-11 | 8655 | 8839 | May-14 | - | - |
| | | | Jun-05 | 8400 | 8000 | Jun-08 | 8273 | 7733 | Jun-11 | 9493 | 8900 | Jun-14 | - | - |
| | | | Jul-05 | 8400 | 8000 | Jul-08 | 3419 | 9600 | Jul-11 | 9881 | 8916 | Jul-14 | - | - |
| Aug-02 | 1562 | 1214 | Aug-05 | 8458 | 8000 | Aug-08 | 5987 | 7955 | Aug-11 | 10410 | 9016 | Aug-14 | - | - |
| Sep-02 | 3720 | 2908 | Sep-05 | 8973 | 7617 | Sep-08 | 8450 | 7600 | Sep-11 | 10417 | 9037 | Sep-14 | - | - |
| Oct-02 | 10800 | 8453 | Oct-05 | 9326 | 7500 | Oct-08 | 8868 | 7600 | Oct-11 | 10229 | 9026 | Oct-14 | - | - |
| Nov-02 | 10800 | 8193 | Nov-05 | 10100 | 7500 | Nov-08 | 9120 | 7606 | Nov-11 | 10240 | 9080 | Nov-14 | - | - |
| Dec-02 | 10655 | 8488 | Dec-05 | 10100 | 7500 | Dec-08 | 9707 | 7574 | Dec-11 | 10000 | 9000 | Dec-14 | - | - |
| Jan-03 | 9752 | 8520 | Jan-06 | 10100 | 7500 | Jan-09 | 9613 | 7520 | Jan-12 | 10000 | 9000 | | | |
| Feb-03 | 10118 | 8791 | Feb-06 | 8937 | 7579 | Feb-09 | 9541 | 7596 | Feb-12 | 10000 | 9000 | | | |
| Mar-03 | 10450 | 8900 | Mar-06 | 8620 | 7600 | Mar-09 | 9600 | 7600 | Mar-12 | 10000 | 9042 | | | |
| Apr-03 | 10747 | 8830 | Apr-06 | 7672 | 7540 | Apr-09 | 9347 | 7600 | Apr-12 | 9953 | 9077 | | | |
| May-03 | 10800 | 9065 | May-06 | 9010 | 9842 | May-09 | 9200 | 7600 | May-12 | 9916 | 9058 | | | |
| Jun-03 | 10800 | 9200 | Jun-06 | 10787 | 9233 | Jun-09 | 9200 | 7600 | Jun-12 | 9933 | 9003 | | | |
| Jul-03 | 10800 | 9200 | Jul-06 | 10801 | 8755 | Jul-09 | 9200 | 7600 | Jul-12 | 8542 | 8094 | | | |
| Aug-03 | 10800 | 9200 | Aug-06 | 10801 | 9271 | Aug-09 | 9200 | 7600 | Aug-12 | 9300 | 8300 | | | |
| Sep-03 | 10800 | 9200 | Sep-06 | 10161 | 9673 | Sep-09 | 9200 | 7600 | Sep-12 | 9300 | 8300 | | | |
| Oct-03 | 9981 | 9200 | Oct-06 | 9858 | 8826 | Oct-09 | 9482 | 7777 | Oct-12 | 0 | 0 | | | |
| Nov-03 | 9681 | 9139 | Nov-06 | 9493 | 8960 | Nov-09 | 9634 | 7845 | Nov-12 | 376 | 862 | | | |
| Dec-03 | 8965 | 8895 | Dec-06 | 9977 | 8527 | Dec-09 | 9760 | 7957 | Dec-12 | 570 | 1166 | | | |
| Jan-04 | 8965 | 8895 | Jan-07 | 9510 | 9181 | Jan-10 | 9696 | 8139 | Jan-13 | 639 | 840 | | | |
| Feb-04 | 8965 | 8895 | Feb-07 | 9475 | 8111 | Feb-10 | 9690 | 8200 | Feb-13 | 0 | 1025 | | | |
| Mar-04 | 8965 | 8895 | Mar-07 | 10116 | 9200 | Mar-10 | 9622 | 8448 | Mar-13 | 0 | 1100 | | | |
| Apr-04 | 8965 | 8895 | Apr-07 | 10521 | 7480 | Apr-10 | 9300 | 8460 | Apr-13 | 0 | 1150 | | | |
| May-04 | 9866 | 8725 | May-07 | 11000 | 1200 | May-10 | 9387 | 8397 | May-13 | 213 | 1150 | | | |
| Jun-04 | 10000 | 8700 | Jun-07 | 2553 | 7347 | Jun-10 | 9313 | 8307 | Jun-13 | 765 | 1220 | | | |
| Jul-04 | 10000 | 8700 | Jul-07 | 4903 | 8194 | Jul-10 | 9239 | 8394 | Jul-13 | 950 | 1294 | | | |
| Aug-04 | 10000 | 8700 | Aug-07 | 7497 | 8755 | Aug-10 | 9200 | 8400 | Aug-13 | 950 | 1321 | | | |
| Sep-04 | 8890 | 8100 | Sep-07 | 1480 | 8840 | Sep-10 | 10273 | 8727 | Sep-13 | 950 | 1331 | | | |
| Oct-04 | 8800 | 8000 | Oct-07 | 8368 | 8994 | Oct-10 | 9977 | 8623 | Oct-13 | 950 | 1350 | | | |
| Nov-04 | 8800 | 8000 | Nov-07 | 9180 | 9000 | Nov-10 | 9900 | 8610 | Nov-13 | - | - | | | |
| Dec-04 | 8800 | 8000 | Dec-07 | 9300 | 9000 | Dec-10 | 9900 | 8600 | Dec-13 | - | - | | | |

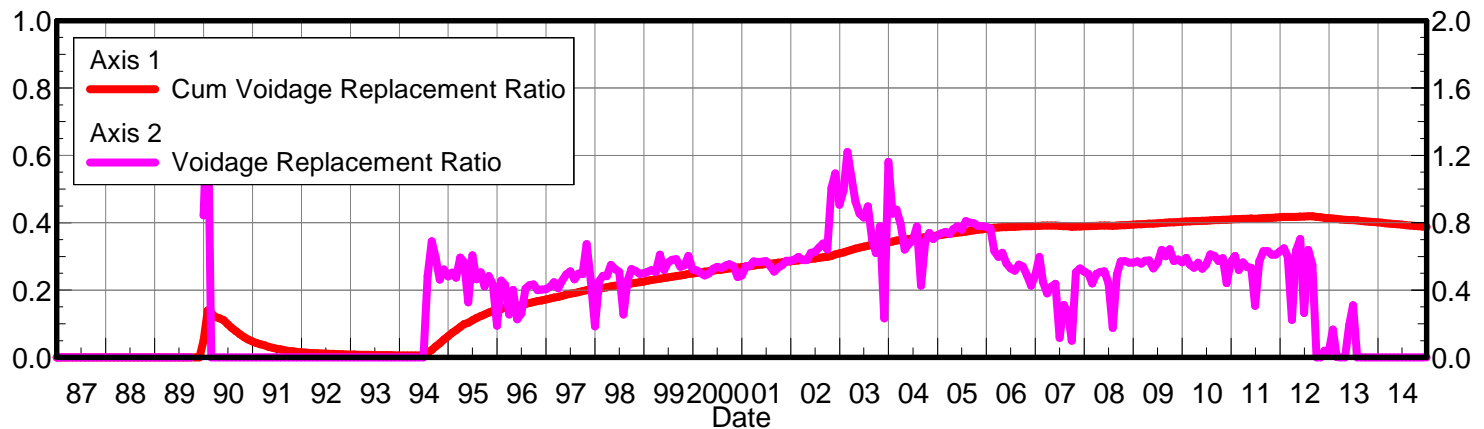
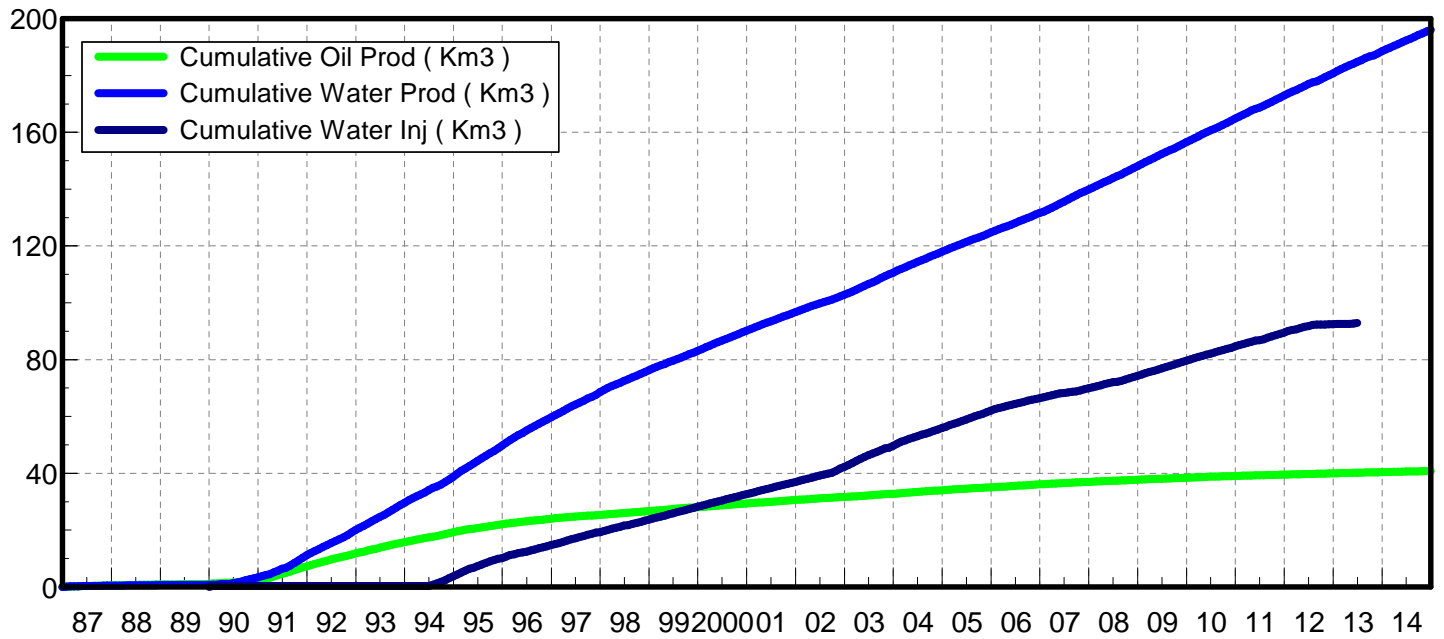
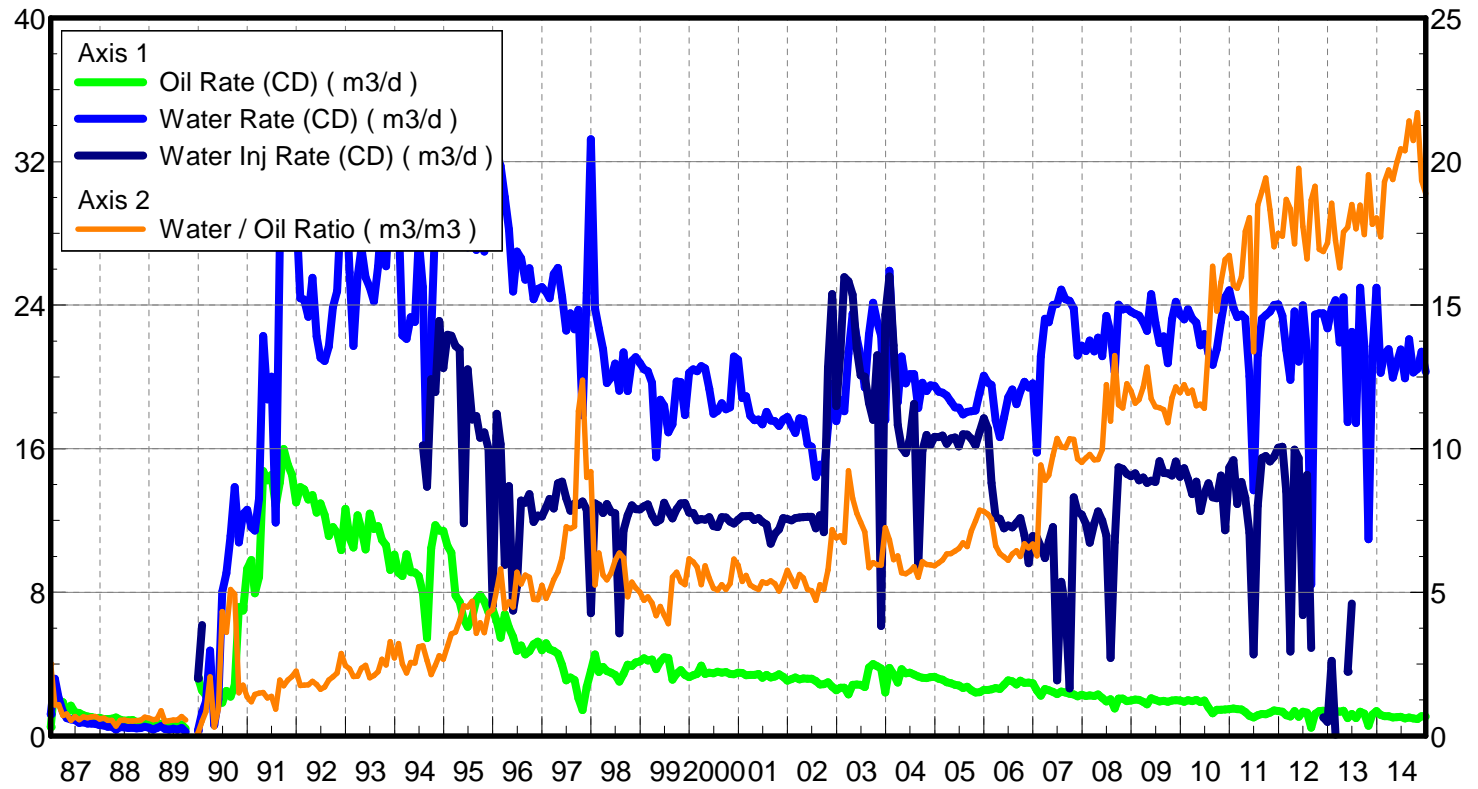
Appendix C

North Ebor Unit No. 2 Pattern Summary as of December 2014

| Pattern Name | Injector Location (010-29W) | Status | Supported Wells (010-29W1) | No. of Supported Wells | Allocation Factor | Pattern Prod Start Month | Inj Start Month | Oil Rate (m³/d) | Water Rate (m³/d) | WOR (m³/m³) | Water Injection (m³/d) | Cum Oil (E³m³) | Cum Water (E³m³) | Cum Inj Water (E³m³) | Monthly VRR | Cum VRR |
|----------------------------|--------------------------------|------------------|-------------------------------|------------------------------|----------------------|-----------------------------|--------------------|--------------------|-------------------------|----------------|------------------------------|-------------------|------------------------|----------------------------|----------------|---------|
| 00/01-14-010-29W1 Injector | 00/01-14 | WTR Injection | 04-13, 13-12, 15-11, 16-11 | 4 | 1 | Dec 1986 | Jul 1994 | 1.1 | 20.3 | 18.88 | 0.0 | 40.8 | 196.1 | 92.9 | 0.00 | 0.39 |
| 00/08-14-010-29W1 Injector | 00/08-14 | WTR Injection | 05-13, 07-14, 02/10-14 | 3 | 1 | Feb 1987 | Oct 1991 | 0.5 | 4.7 | 10.1 | 0.0 | 26.9 | 38.0 | 102.8 | 0.00 | 1.54 |

Appendix D
Rates and VRR
Plots and Tables

Pattern: 09/01-14-010-29 Inj Set: NorthEbor Unit#2
 Oil Formation Vol Factor : 1.07160 m3/m3
 Water Formation Vol Factor : 1.00150 m3/m3
 Water / Oil Ratio : 18.88 m3/m3
 April 27, 2015
 Operator: Tundra_O&G_Prtshp
 Oil Rate (CD) : 1.07 m3/d
 Water Rate (CD) : 20.28 m3/d
 Water Inj Rate (CD) : 7.37 m3/d



| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 12/31/1986 | 0.48 | 1.21 | 2.50 | | 0.01 | 0.04 | 0.00 | 0.000 | 0.000 |
| 1/31/1987 | 2.96 | 3.19 | 1.08 | | 0.11 | 0.14 | 0.00 | 0.000 | 0.000 |
| 2/28/1987 | 1.91 | 2.09 | 1.09 | | 0.16 | 0.19 | 0.00 | 0.000 | 0.000 |
| 3/31/1987 | 1.89 | 1.35 | 0.71 | | 0.22 | 0.24 | 0.00 | 0.000 | 0.000 |
| 4/30/1987 | 1.28 | 0.99 | 0.77 | | 0.26 | 0.27 | 0.00 | 0.000 | 0.000 |
| 5/31/1987 | 1.68 | 0.91 | 0.54 | | 0.31 | 0.29 | 0.00 | 0.000 | 0.000 |
| 6/30/1987 | 1.32 | 0.89 | 0.67 | | 0.35 | 0.32 | 0.00 | 0.000 | 0.000 |
| 7/31/1987 | 1.27 | 0.72 | 0.57 | | 0.39 | 0.34 | 0.00 | 0.000 | 0.000 |
| 8/31/1987 | 1.15 | 0.77 | 0.66 | | 0.42 | 0.37 | 0.00 | 0.000 | 0.000 |
| 9/30/1987 | 1.09 | 0.69 | 0.63 | | 0.46 | 0.39 | 0.00 | 0.000 | 0.000 |
| 10/31/1987 | 1.04 | 0.68 | 0.66 | | 0.49 | 0.41 | 0.00 | 0.000 | 0.000 |
| 11/30/1987 | 0.99 | 0.67 | 0.68 | | 0.52 | 0.43 | 0.00 | 0.000 | 0.000 |
| 12/31/1987 | 1.01 | 0.59 | 0.59 | | 0.55 | 0.45 | 0.00 | 0.000 | 0.000 |
| 1/31/1988 | 0.94 | 0.58 | 0.62 | | 0.58 | 0.47 | 0.00 | 0.000 | 0.000 |
| 2/29/1988 | 0.94 | 0.50 | 0.54 | | 0.61 | 0.48 | 0.00 | 0.000 | 0.000 |
| 3/31/1988 | 0.95 | 0.51 | 0.54 | | 0.64 | 0.50 | 0.00 | 0.000 | 0.000 |
| 4/30/1988 | 1.03 | 0.35 | 0.34 | | 0.67 | 0.51 | 0.00 | 0.000 | 0.000 |
| 5/31/1988 | 0.90 | 0.48 | 0.54 | | 0.69 | 0.52 | 0.00 | 0.000 | 0.000 |
| 6/30/1988 | 0.85 | 0.47 | 0.56 | | 0.72 | 0.54 | 0.00 | 0.000 | 0.000 |
| 7/31/1988 | 0.86 | 0.44 | 0.52 | | 0.75 | 0.55 | 0.00 | 0.000 | 0.000 |
| 8/31/1988 | 0.88 | 0.45 | 0.52 | | 0.77 | 0.56 | 0.00 | 0.000 | 0.000 |
| 9/30/1988 | 0.78 | 0.41 | 0.53 | | 0.80 | 0.58 | 0.00 | 0.000 | 0.000 |
| 10/31/1988 | 0.80 | 0.43 | 0.54 | | 0.82 | 0.59 | 0.00 | 0.000 | 0.000 |
| 11/30/1988 | 0.78 | 0.51 | 0.65 | | 0.85 | 0.61 | 0.00 | 0.000 | 0.000 |
| 12/31/1988 | 0.74 | 0.45 | 0.61 | | 0.87 | 0.62 | 0.00 | 0.000 | 0.000 |
| 1/31/1989 | 0.63 | 0.35 | 0.57 | | 0.89 | 0.63 | 0.00 | 0.000 | 0.000 |
| 2/28/1989 | 0.75 | 0.44 | 0.59 | | 0.91 | 0.64 | 0.00 | 0.000 | 0.000 |
| 3/31/1989 | 0.63 | 0.55 | 0.87 | | 0.93 | 0.66 | 0.00 | 0.000 | 0.000 |
| 4/30/1989 | 0.75 | 0.38 | 0.50 | | 0.95 | 0.67 | 0.00 | 0.000 | 0.000 |
| 5/31/1989 | 0.65 | 0.34 | 0.53 | | 0.97 | 0.68 | 0.00 | 0.000 | 0.000 |
| 6/30/1989 | 0.72 | 0.40 | 0.55 | | 0.99 | 0.69 | 0.00 | 0.000 | 0.000 |
| 7/31/1989 | 0.63 | 0.35 | 0.55 | | 1.01 | 0.70 | 0.00 | 0.000 | 0.000 |
| 8/31/1989 | 0.64 | 0.43 | 0.68 | | 1.03 | 0.72 | 0.00 | 0.000 | 0.000 |
| 9/30/1989 | 0.40 | 0.22 | 0.55 | | 1.04 | 0.72 | 0.00 | 0.000 | 0.000 |
| 12/31/1989 | 3.25 | 0.30 | 0.09 | 3.20 | 1.14 | 0.73 | 0.10 | 0.845 | 0.051 |
| 1/31/1990 | 2.53 | 1.30 | 0.51 | 6.18 | 1.22 | 0.77 | 0.29 | 1.543 | 0.140 |
| 2/28/1990 | 2.26 | 1.91 | 0.84 | | 1.29 | 0.83 | 0.29 | 0.000 | 0.132 |
| 3/31/1990 | 2.32 | 4.76 | 2.06 | | 1.36 | 0.97 | 0.29 | 0.000 | 0.120 |
| 4/30/1990 | 1.91 | 0.59 | 0.31 | | 1.42 | 0.99 | 0.29 | 0.000 | 0.116 |
| 5/31/1990 | 2.17 | 2.05 | 0.94 | | 1.48 | 1.06 | 0.29 | 0.000 | 0.110 |
| 6/30/1990 | 1.85 | 8.01 | 4.33 | | 1.54 | 1.30 | 0.29 | 0.000 | 0.099 |
| 7/31/1990 | 2.51 | 9.06 | 3.61 | | 1.62 | 1.58 | 0.29 | 0.000 | 0.088 |
| 8/31/1990 | 2.18 | 11.13 | 5.10 | | 1.68 | 1.92 | 0.29 | 0.000 | 0.078 |
| 9/30/1990 | 2.81 | 13.87 | 4.93 | | 1.77 | 2.34 | 0.29 | 0.000 | 0.069 |
| 10/31/1990 | 7.17 | 10.79 | 1.50 | | 1.99 | 2.67 | 0.29 | 0.000 | 0.061 |
| 11/30/1990 | 6.98 | 12.36 | 1.77 | | 2.20 | 3.04 | 0.29 | 0.000 | 0.054 |
| 12/31/1990 | 9.32 | 12.59 | 1.35 | | 2.49 | 3.43 | 0.29 | 0.000 | 0.048 |
| 1/31/1991 | 9.80 | 11.62 | 1.19 | | 2.79 | 3.79 | 0.29 | 0.000 | 0.043 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 2/28/1991 | 7.94 | 11.44 | 1.44 | | 3.01 | 4.11 | 0.29 | 0.000 | 0.040 |
| 3/31/1991 | 8.85 | 13.21 | 1.49 | | 3.29 | 4.52 | 0.29 | 0.000 | 0.036 |
| 4/30/1991 | 14.76 | 22.28 | 1.51 | | 3.73 | 5.19 | 0.29 | 0.000 | 0.032 |
| 5/31/1991 | 14.23 | 18.75 | 1.32 | | 4.17 | 5.77 | 0.29 | 0.000 | 0.028 |
| 6/30/1991 | 14.54 | 20.01 | 1.38 | | 4.61 | 6.37 | 0.29 | 0.000 | 0.026 |
| 7/31/1991 | 12.82 | 11.88 | 0.93 | | 5.01 | 6.74 | 0.29 | 0.000 | 0.024 |
| 8/31/1991 | 14.12 | 27.47 | 1.95 | | 5.44 | 7.59 | 0.29 | 0.000 | 0.022 |
| 9/30/1991 | 15.99 | 27.94 | 1.75 | | 5.92 | 8.43 | 0.29 | 0.000 | 0.020 |
| 10/31/1991 | 15.10 | 29.38 | 1.95 | | 6.39 | 9.34 | 0.29 | 0.000 | 0.018 |
| 11/30/1991 | 14.54 | 30.01 | 2.06 | | 6.83 | 10.24 | 0.29 | 0.000 | 0.017 |
| 12/31/1991 | 13.00 | 29.29 | 2.25 | | 7.23 | 11.15 | 0.29 | 0.000 | 0.015 |
| 1/31/1992 | 13.86 | 24.38 | 1.76 | | 7.66 | 11.91 | 0.29 | 0.000 | 0.014 |
| 2/29/1992 | 13.73 | 24.31 | 1.77 | | 8.06 | 12.61 | 0.29 | 0.000 | 0.014 |
| 3/31/1992 | 13.16 | 23.35 | 1.77 | | 8.47 | 13.34 | 0.29 | 0.000 | 0.013 |
| 4/30/1992 | 13.41 | 25.52 | 1.90 | | 8.87 | 14.10 | 0.29 | 0.000 | 0.012 |
| 5/31/1992 | 12.43 | 22.25 | 1.79 | | 9.25 | 14.79 | 0.29 | 0.000 | 0.012 |
| 6/30/1992 | 12.96 | 21.06 | 1.63 | | 9.64 | 15.42 | 0.29 | 0.000 | 0.011 |
| 7/31/1992 | 12.31 | 20.89 | 1.70 | | 10.02 | 16.07 | 0.29 | 0.000 | 0.011 |
| 8/31/1992 | 11.14 | 21.68 | 1.95 | | 10.37 | 16.74 | 0.29 | 0.000 | 0.010 |
| 9/30/1992 | 11.64 | 23.89 | 2.05 | | 10.72 | 17.46 | 0.29 | 0.000 | 0.010 |
| 10/31/1992 | 11.31 | 24.77 | 2.19 | | 11.07 | 18.23 | 0.29 | 0.000 | 0.010 |
| 11/30/1992 | 10.35 | 29.75 | 2.87 | | 11.38 | 19.12 | 0.29 | 0.000 | 0.009 |
| 12/31/1992 | 12.65 | 30.93 | 2.45 | | 11.77 | 20.08 | 0.29 | 0.000 | 0.009 |
| 1/31/1993 | 11.03 | 25.82 | 2.34 | | 12.11 | 20.88 | 0.29 | 0.000 | 0.009 |
| 2/28/1993 | 10.49 | 21.72 | 2.07 | | 12.41 | 21.49 | 0.29 | 0.000 | 0.008 |
| 3/31/1993 | 12.29 | 25.56 | 2.08 | | 12.79 | 22.28 | 0.29 | 0.000 | 0.008 |
| 4/30/1993 | 11.50 | 27.18 | 2.36 | | 13.13 | 23.10 | 0.29 | 0.000 | 0.008 |
| 5/31/1993 | 10.38 | 25.54 | 2.46 | | 13.46 | 23.89 | 0.29 | 0.000 | 0.008 |
| 6/30/1993 | 12.38 | 24.98 | 2.02 | | 13.83 | 24.64 | 0.29 | 0.000 | 0.007 |
| 7/31/1993 | 11.53 | 24.21 | 2.10 | | 14.18 | 25.39 | 0.29 | 0.000 | 0.007 |
| 8/31/1993 | 11.68 | 26.14 | 2.24 | | 14.55 | 26.20 | 0.29 | 0.000 | 0.007 |
| 9/30/1993 | 10.92 | 29.13 | 2.67 | | 14.87 | 27.07 | 0.29 | 0.000 | 0.007 |
| 10/31/1993 | 10.61 | 26.16 | 2.47 | | 15.20 | 27.88 | 0.29 | 0.000 | 0.007 |
| 11/30/1993 | 9.25 | 30.38 | 3.28 | | 15.48 | 28.79 | 0.29 | 0.000 | 0.006 |
| 12/31/1993 | 10.10 | 27.41 | 2.71 | | 15.79 | 29.64 | 0.29 | 0.000 | 0.006 |
| 1/31/1994 | 9.08 | 29.16 | 3.21 | | 16.08 | 30.55 | 0.29 | 0.000 | 0.006 |
| 2/28/1994 | 8.90 | 22.32 | 2.51 | | 16.32 | 31.17 | 0.29 | 0.000 | 0.006 |
| 3/31/1994 | 10.11 | 22.13 | 2.19 | | 16.64 | 31.86 | 0.29 | 0.000 | 0.006 |
| 4/30/1994 | 9.13 | 23.34 | 2.56 | | 16.91 | 32.56 | 0.29 | 0.000 | 0.006 |
| 5/31/1994 | 9.10 | 23.06 | 2.53 | | 17.19 | 33.27 | 0.29 | 0.000 | 0.006 |
| 6/30/1994 | 8.90 | 27.66 | 3.11 | | 17.46 | 34.10 | 0.29 | 0.000 | 0.006 |
| 7/31/1994 | 7.97 | 25.00 | 3.14 | 16.19 | 17.71 | 34.88 | 0.79 | 0.483 | 0.015 |
| 8/31/1994 | 5.45 | 14.30 | 2.62 | 13.87 | 17.88 | 35.32 | 1.22 | 0.689 | 0.022 |
| 9/30/1994 | 10.46 | 22.34 | 2.13 | 19.87 | 18.19 | 35.99 | 1.82 | 0.593 | 0.033 |
| 10/31/1994 | 11.75 | 28.86 | 2.46 | 19.16 | 18.56 | 36.89 | 2.41 | 0.463 | 0.043 |
| 11/30/1994 | 11.43 | 31.94 | 2.79 | 23.12 | 18.90 | 37.84 | 3.11 | 0.523 | 0.054 |
| 12/31/1994 | 11.42 | 30.47 | 2.67 | 20.50 | 19.25 | 38.79 | 3.74 | 0.480 | 0.063 |
| 1/31/1995 | 10.57 | 33.03 | 3.12 | 22.35 | 19.58 | 39.81 | 4.43 | 0.504 | 0.073 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 2/28/1995 | 10.21 | 36.19 | 3.54 | 22.29 | 19.87 | 40.83 | 5.06 | 0.473 | 0.081 |
| 3/31/1995 | 7.82 | 28.28 | 3.62 | 21.73 | 20.11 | 41.70 | 5.73 | 0.593 | 0.091 |
| 4/30/1995 | 7.47 | 29.97 | 4.01 | 21.52 | 20.33 | 42.60 | 6.38 | 0.567 | 0.099 |
| 5/31/1995 | 6.48 | 29.35 | 4.53 | 11.85 | 20.53 | 43.51 | 6.75 | 0.327 | 0.103 |
| 6/30/1995 | 6.07 | 27.21 | 4.48 | 20.42 | 20.72 | 44.33 | 7.36 | 0.606 | 0.111 |
| 7/31/1995 | 6.60 | 30.96 | 4.69 | 17.62 | 20.92 | 45.29 | 7.90 | 0.463 | 0.117 |
| 8/31/1995 | 7.58 | 27.07 | 3.57 | 17.82 | 21.15 | 46.13 | 8.46 | 0.506 | 0.123 |
| 9/30/1995 | 7.86 | 30.99 | 3.94 | 16.60 | 21.39 | 47.06 | 8.95 | 0.421 | 0.128 |
| 10/31/1995 | 7.51 | 26.98 | 3.59 | 16.91 | 21.62 | 47.89 | 9.48 | 0.483 | 0.133 |
| 11/30/1995 | 6.89 | 29.52 | 4.28 | 15.99 | 21.83 | 48.78 | 9.96 | 0.434 | 0.138 |
| 12/31/1995 | 7.05 | 30.99 | 4.40 | 7.25 | 22.05 | 49.74 | 10.18 | 0.188 | 0.139 |
| 1/31/1996 | 6.38 | 32.54 | 5.10 | 17.94 | 22.25 | 50.75 | 10.74 | 0.456 | 0.144 |
| 2/29/1996 | 5.46 | 31.74 | 5.81 | 16.24 | 22.40 | 51.67 | 11.21 | 0.432 | 0.148 |
| 3/31/1996 | 6.78 | 30.02 | 4.43 | 9.53 | 22.61 | 52.60 | 11.51 | 0.256 | 0.150 |
| 4/30/1996 | 6.03 | 28.21 | 4.68 | 13.92 | 22.80 | 53.45 | 11.92 | 0.401 | 0.153 |
| 5/31/1996 | 5.52 | 24.76 | 4.49 | 6.97 | 22.97 | 54.21 | 12.14 | 0.227 | 0.154 |
| 6/30/1996 | 4.74 | 26.98 | 5.70 | 8.34 | 23.11 | 55.02 | 12.39 | 0.260 | 0.155 |
| 7/31/1996 | 5.03 | 26.61 | 5.29 | 13.12 | 23.27 | 55.85 | 12.80 | 0.410 | 0.159 |
| 8/31/1996 | 4.54 | 25.42 | 5.60 | 12.99 | 23.41 | 56.64 | 13.20 | 0.429 | 0.162 |
| 9/30/1996 | 4.72 | 26.06 | 5.52 | 13.47 | 23.55 | 57.42 | 13.60 | 0.433 | 0.165 |
| 10/31/1996 | 5.12 | 24.32 | 4.75 | 11.92 | 23.71 | 58.17 | 13.97 | 0.400 | 0.167 |
| 11/30/1996 | 5.25 | 24.90 | 4.74 | 12.28 | 23.86 | 58.92 | 14.34 | 0.403 | 0.170 |
| 12/31/1996 | 4.76 | 25.00 | 5.25 | 12.22 | 24.01 | 59.69 | 14.72 | 0.406 | 0.172 |
| 1/31/1997 | 5.17 | 24.74 | 4.79 | 12.73 | 24.17 | 60.46 | 15.11 | 0.421 | 0.175 |
| 2/28/1997 | 4.83 | 24.39 | 5.05 | 13.21 | 24.31 | 61.14 | 15.48 | 0.447 | 0.178 |
| 3/31/1997 | 4.73 | 25.73 | 5.44 | 12.66 | 24.45 | 61.94 | 15.88 | 0.411 | 0.180 |
| 4/30/1997 | 4.57 | 26.08 | 5.71 | 14.07 | 24.59 | 62.72 | 16.30 | 0.455 | 0.183 |
| 5/31/1997 | 3.95 | 24.49 | 6.20 | 14.17 | 24.71 | 63.48 | 16.74 | 0.493 | 0.186 |
| 6/30/1997 | 3.10 | 22.58 | 7.28 | 13.25 | 24.81 | 64.16 | 17.14 | 0.511 | 0.189 |
| 7/31/1997 | 3.26 | 23.55 | 7.22 | 12.55 | 24.91 | 64.89 | 17.53 | 0.464 | 0.191 |
| 8/31/1997 | 3.11 | 22.65 | 7.29 | 12.96 | 25.00 | 65.59 | 17.93 | 0.499 | 0.194 |
| 9/30/1997 | 2.10 | 23.73 | 11.30 | 12.86 | 25.07 | 66.30 | 18.31 | 0.495 | 0.197 |
| 10/31/1997 | 1.44 | 17.85 | 12.38 | 13.06 | 25.11 | 66.86 | 18.72 | 0.673 | 0.200 |
| 11/30/1997 | 2.74 | 24.66 | 9.00 | 12.59 | 25.19 | 67.60 | 19.10 | 0.456 | 0.202 |
| 12/31/1997 | 3.61 | 33.24 | 9.20 | 6.84 | 25.30 | 68.63 | 19.31 | 0.184 | 0.202 |
| 1/31/1998 | 4.54 | 23.81 | 5.25 | 12.95 | 25.45 | 69.37 | 19.71 | 0.452 | 0.204 |
| 2/28/1998 | 3.56 | 22.70 | 6.37 | 12.83 | 25.55 | 70.00 | 20.07 | 0.484 | 0.206 |
| 3/31/1998 | 3.85 | 21.55 | 5.60 | 12.41 | 25.66 | 70.67 | 20.45 | 0.484 | 0.208 |
| 4/30/1998 | 3.62 | 19.65 | 5.43 | 12.91 | 25.77 | 71.26 | 20.84 | 0.549 | 0.211 |
| 5/31/1998 | 3.52 | 19.97 | 5.67 | 12.47 | 25.88 | 71.88 | 21.23 | 0.526 | 0.213 |
| 6/30/1998 | 3.39 | 20.74 | 6.12 | 12.40 | 25.98 | 72.50 | 21.60 | 0.509 | 0.215 |
| 7/31/1998 | 3.02 | 19.23 | 6.37 | 5.72 | 26.08 | 73.10 | 21.78 | 0.255 | 0.216 |
| 8/31/1998 | 3.45 | 21.37 | 6.20 | 11.45 | 26.18 | 73.76 | 22.13 | 0.457 | 0.217 |
| 9/30/1998 | 3.97 | 19.21 | 4.84 | 12.30 | 26.30 | 74.34 | 22.50 | 0.524 | 0.220 |
| 10/31/1998 | 3.90 | 20.89 | 5.36 | 12.85 | 26.42 | 74.98 | 22.90 | 0.513 | 0.222 |
| 11/30/1998 | 4.09 | 21.09 | 5.16 | 12.63 | 26.55 | 75.62 | 23.28 | 0.496 | 0.224 |
| 12/31/1998 | 4.15 | 20.79 | 5.01 | 12.61 | 26.68 | 76.26 | 23.67 | 0.500 | 0.226 |
| 1/31/1999 | 4.33 | 20.42 | 4.72 | 12.79 | 26.81 | 76.89 | 24.06 | 0.511 | 0.228 |

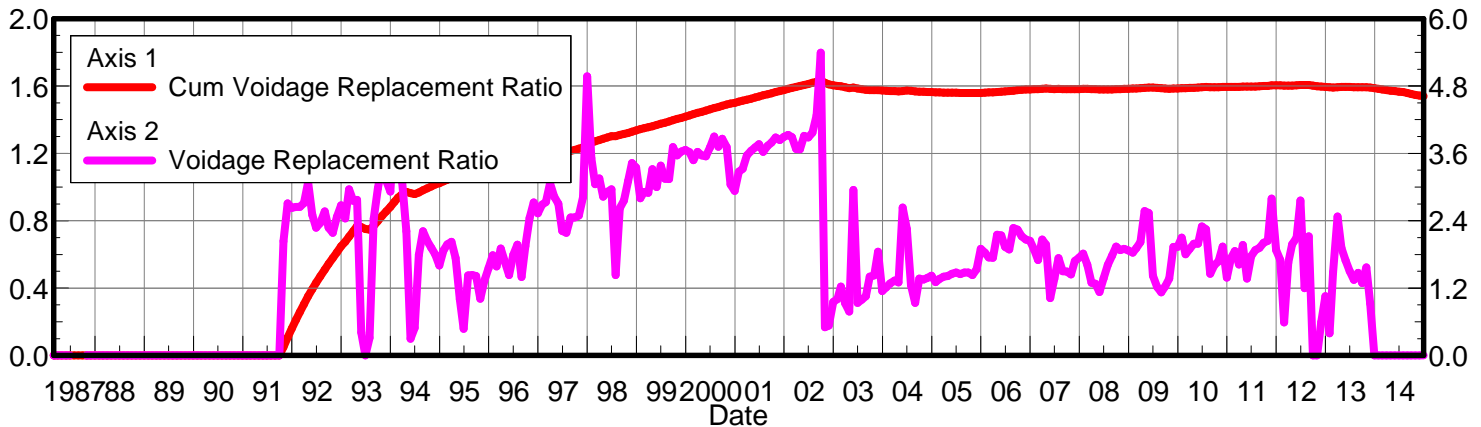
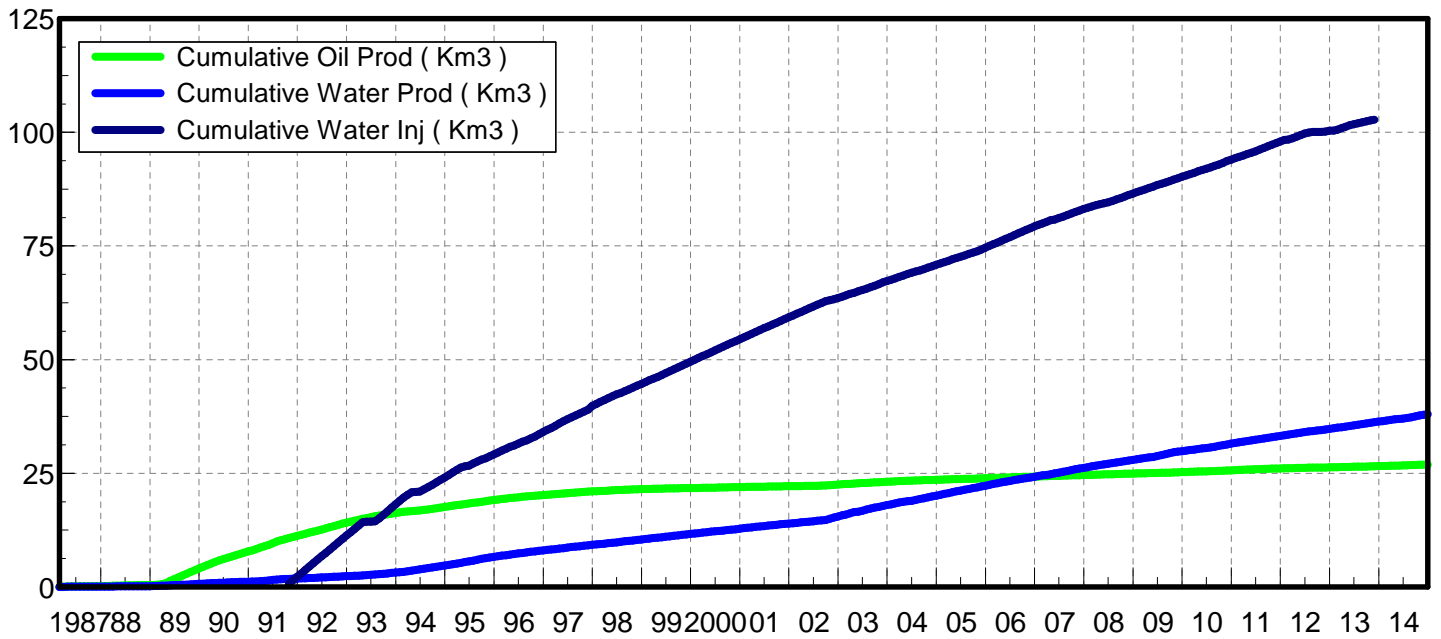
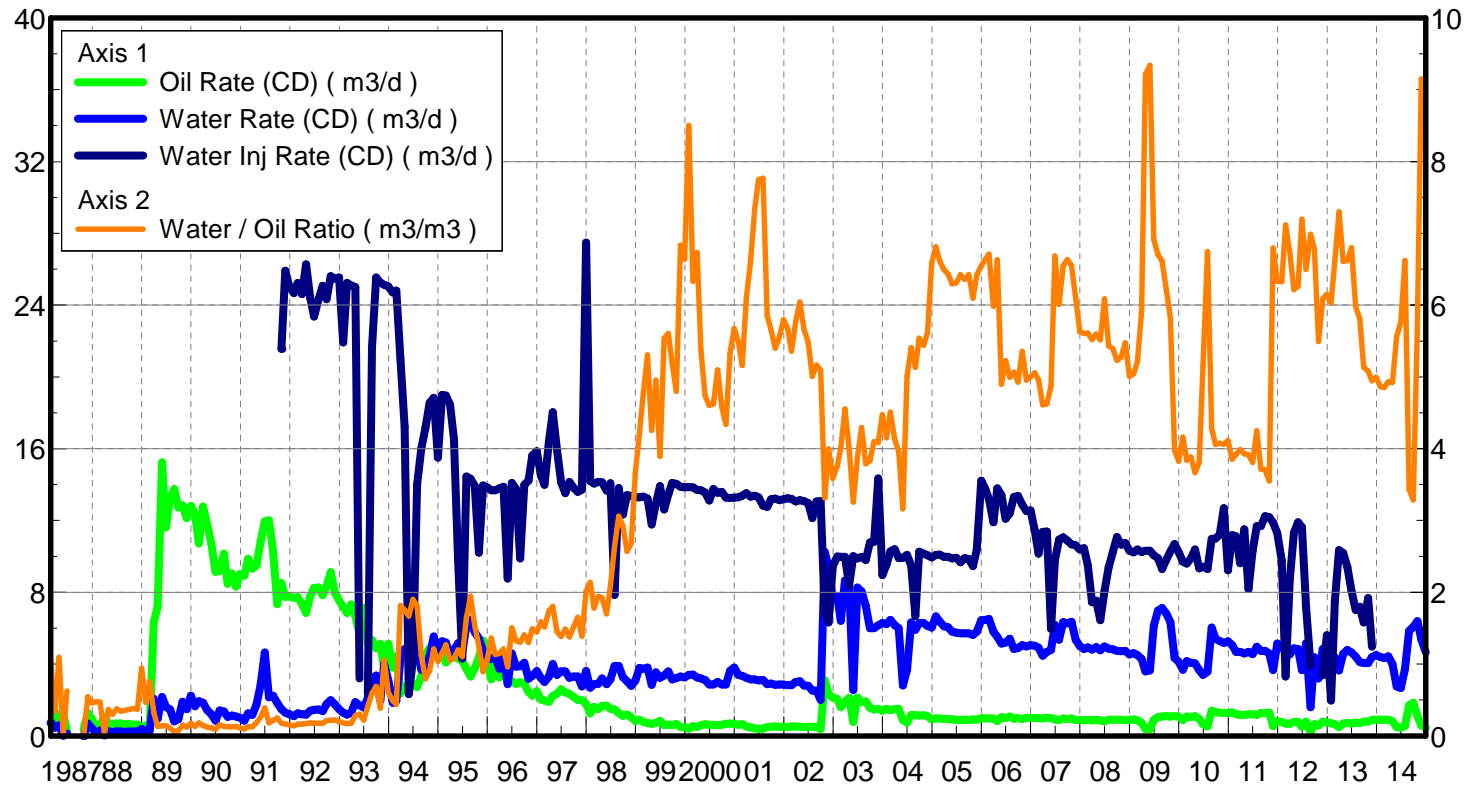
| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 2/28/1999 | 4.19 | 20.31 | 4.84 | 12.90 | 26.93 | 77.46 | 24.43 | 0.520 | 0.230 |
| 3/31/1999 | 4.25 | 19.68 | 4.64 | 12.30 | 27.06 | 78.07 | 24.81 | 0.508 | 0.232 |
| 4/30/1999 | 3.71 | 15.52 | 4.18 | 11.90 | 27.17 | 78.54 | 25.16 | 0.611 | 0.234 |
| 5/31/1999 | 4.15 | 18.72 | 4.51 | 12.05 | 27.30 | 79.12 | 25.54 | 0.520 | 0.236 |
| 6/30/1999 | 4.38 | 18.39 | 4.20 | 12.98 | 27.43 | 79.67 | 25.93 | 0.563 | 0.238 |
| 7/31/1999 | 4.34 | 16.91 | 3.90 | 12.50 | 27.56 | 80.19 | 26.31 | 0.580 | 0.240 |
| 8/31/1999 | 3.14 | 17.36 | 5.53 | 12.11 | 27.66 | 80.73 | 26.69 | 0.585 | 0.242 |
| 9/30/1999 | 3.46 | 19.75 | 5.70 | 12.63 | 27.77 | 81.32 | 27.07 | 0.539 | 0.244 |
| 10/31/1999 | 3.67 | 19.71 | 5.37 | 12.95 | 27.88 | 81.94 | 27.47 | 0.548 | 0.246 |
| 11/30/1999 | 3.39 | 17.87 | 5.27 | 12.98 | 27.98 | 82.47 | 27.86 | 0.604 | 0.248 |
| 12/31/1999 | 3.28 | 20.22 | 6.16 | 12.44 | 28.08 | 83.10 | 28.25 | 0.524 | 0.250 |
| 1/31/2000 | 3.37 | 20.42 | 6.05 | 12.42 | 28.19 | 83.73 | 28.63 | 0.517 | 0.251 |
| 2/29/2000 | 3.46 | 20.32 | 5.88 | 12.01 | 28.29 | 84.32 | 28.98 | 0.500 | 0.253 |
| 3/31/2000 | 3.91 | 20.59 | 5.26 | 12.09 | 28.41 | 84.96 | 29.35 | 0.488 | 0.254 |
| 4/30/2000 | 3.46 | 20.48 | 5.93 | 12.05 | 28.51 | 85.57 | 29.71 | 0.498 | 0.256 |
| 5/31/2000 | 3.52 | 19.34 | 5.49 | 12.18 | 28.62 | 86.17 | 30.09 | 0.527 | 0.258 |
| 6/30/2000 | 3.49 | 17.94 | 5.15 | 11.68 | 28.73 | 86.71 | 30.44 | 0.539 | 0.259 |
| 7/31/2000 | 3.57 | 18.11 | 5.08 | 11.64 | 28.84 | 87.27 | 30.80 | 0.531 | 0.261 |
| 8/31/2000 | 3.52 | 18.54 | 5.26 | 12.18 | 28.95 | 87.85 | 31.18 | 0.546 | 0.262 |
| 9/30/2000 | 3.57 | 18.19 | 5.10 | 12.17 | 29.05 | 88.39 | 31.55 | 0.553 | 0.264 |
| 10/31/2000 | 3.45 | 18.31 | 5.30 | 11.93 | 29.16 | 88.96 | 31.92 | 0.542 | 0.266 |
| 11/30/2000 | 3.43 | 21.14 | 6.16 | 11.84 | 29.26 | 89.59 | 32.27 | 0.477 | 0.267 |
| 12/31/2000 | 3.53 | 20.96 | 5.95 | 12.04 | 29.37 | 90.24 | 32.64 | 0.487 | 0.268 |
| 1/31/2001 | 3.50 | 18.81 | 5.38 | 12.25 | 29.48 | 90.83 | 33.02 | 0.543 | 0.270 |
| 2/28/2001 | 3.39 | 18.93 | 5.59 | 12.24 | 29.58 | 91.36 | 33.37 | 0.543 | 0.271 |
| 3/31/2001 | 3.40 | 17.84 | 5.25 | 12.26 | 29.68 | 91.91 | 33.75 | 0.571 | 0.273 |
| 4/30/2001 | 3.40 | 17.59 | 5.17 | 12.02 | 29.78 | 92.44 | 34.11 | 0.566 | 0.274 |
| 5/31/2001 | 3.46 | 17.63 | 5.10 | 12.13 | 29.89 | 92.98 | 34.48 | 0.569 | 0.276 |
| 6/30/2001 | 3.23 | 17.35 | 5.37 | 11.91 | 29.99 | 93.51 | 34.84 | 0.573 | 0.277 |
| 7/31/2001 | 3.40 | 18.05 | 5.31 | 11.78 | 30.09 | 94.06 | 35.21 | 0.543 | 0.279 |
| 8/31/2001 | 3.25 | 17.56 | 5.40 | 10.71 | 30.19 | 94.61 | 35.54 | 0.509 | 0.280 |
| 9/30/2001 | 3.31 | 17.54 | 5.30 | 11.26 | 30.29 | 95.14 | 35.88 | 0.534 | 0.281 |
| 10/31/2001 | 3.43 | 17.27 | 5.04 | 11.51 | 30.40 | 95.67 | 36.23 | 0.550 | 0.283 |
| 11/30/2001 | 3.29 | 17.63 | 5.36 | 12.14 | 30.50 | 96.20 | 36.60 | 0.574 | 0.284 |
| 12/31/2001 | 3.08 | 17.76 | 5.77 | 12.08 | 30.59 | 96.75 | 36.97 | 0.574 | 0.286 |
| 1/31/2002 | 3.16 | 17.28 | 5.47 | 12.01 | 30.69 | 97.29 | 37.34 | 0.581 | 0.287 |
| 2/28/2002 | 3.25 | 16.88 | 5.20 | 12.14 | 30.78 | 97.76 | 37.68 | 0.596 | 0.288 |
| 3/31/2002 | 3.15 | 17.69 | 5.62 | 12.18 | 30.88 | 98.31 | 38.06 | 0.578 | 0.290 |
| 4/30/2002 | 3.21 | 17.65 | 5.50 | 12.19 | 30.98 | 98.84 | 38.43 | 0.578 | 0.291 |
| 5/31/2002 | 3.19 | 16.25 | 5.09 | 12.21 | 31.07 | 99.34 | 38.81 | 0.621 | 0.293 |
| 6/30/2002 | 3.19 | 16.10 | 5.05 | 12.21 | 31.17 | 99.82 | 39.17 | 0.626 | 0.294 |
| 7/31/2002 | 3.06 | 14.44 | 4.72 | 11.56 | 31.27 | 100.27 | 39.53 | 0.653 | 0.296 |
| 8/31/2002 | 2.87 | 15.12 | 5.27 | 12.30 | 31.35 | 100.74 | 39.91 | 0.676 | 0.297 |
| 9/30/2002 | 2.88 | 14.65 | 5.09 | 11.35 | 31.44 | 101.18 | 40.25 | 0.640 | 0.299 |
| 10/31/2002 | 2.98 | 17.21 | 5.77 | 20.51 | 31.53 | 101.71 | 40.89 | 1.006 | 0.302 |
| 11/30/2002 | 2.73 | 19.61 | 7.18 | 24.61 | 31.61 | 102.30 | 41.63 | 1.092 | 0.306 |
| 12/31/2002 | 2.55 | 17.53 | 6.89 | 18.37 | 31.69 | 102.84 | 42.20 | 0.907 | 0.309 |
| 1/31/2003 | 2.68 | 18.71 | 6.97 | 21.42 | 31.78 | 103.42 | 42.86 | 0.993 | 0.312 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 2/28/2003 | 2.68 | 18.08 | 6.74 | 25.56 | 31.85 | 103.93 | 43.58 | 1.220 | 0.316 |
| 3/31/2003 | 2.31 | 21.32 | 9.23 | 25.33 | 31.92 | 104.59 | 44.36 | 1.064 | 0.320 |
| 4/30/2003 | 2.84 | 23.52 | 8.27 | 24.57 | 32.01 | 105.30 | 45.10 | 0.925 | 0.323 |
| 5/31/2003 | 2.86 | 22.16 | 7.75 | 21.55 | 32.10 | 105.98 | 45.77 | 0.855 | 0.326 |
| 6/30/2003 | 2.84 | 21.14 | 7.43 | 20.08 | 32.18 | 106.62 | 46.37 | 0.830 | 0.329 |
| 7/31/2003 | 2.73 | 19.40 | 7.11 | 20.01 | 32.27 | 107.22 | 46.99 | 0.897 | 0.332 |
| 8/31/2003 | 3.82 | 22.36 | 5.86 | 18.55 | 32.39 | 107.91 | 47.56 | 0.702 | 0.334 |
| 9/30/2003 | 4.00 | 24.14 | 6.04 | 17.61 | 32.51 | 108.64 | 48.09 | 0.620 | 0.335 |
| 10/31/2003 | 3.87 | 23.04 | 5.95 | 21.21 | 32.63 | 109.35 | 48.75 | 0.781 | 0.338 |
| 11/30/2003 | 3.75 | 22.30 | 5.94 | 6.13 | 32.74 | 110.02 | 48.93 | 0.233 | 0.337 |
| 12/31/2003 | 2.43 | 17.59 | 7.25 | 23.45 | 32.81 | 110.57 | 49.66 | 1.162 | 0.341 |
| 1/31/2004 | 3.79 | 25.91 | 6.83 | 25.59 | 32.93 | 111.37 | 50.45 | 0.854 | 0.344 |
| 2/29/2004 | 3.44 | 21.08 | 6.13 | 21.76 | 33.03 | 111.98 | 51.08 | 0.879 | 0.347 |
| 3/31/2004 | 2.97 | 18.59 | 6.27 | 17.32 | 33.12 | 112.56 | 51.62 | 0.796 | 0.349 |
| 4/30/2004 | 3.72 | 21.14 | 5.68 | 16.08 | 33.23 | 113.19 | 52.10 | 0.640 | 0.350 |
| 5/31/2004 | 3.48 | 19.63 | 5.64 | 15.75 | 33.34 | 113.80 | 52.59 | 0.674 | 0.352 |
| 6/30/2004 | 3.52 | 20.15 | 5.73 | 16.57 | 33.45 | 114.40 | 53.09 | 0.693 | 0.354 |
| 7/31/2004 | 3.42 | 20.15 | 5.89 | 18.50 | 33.55 | 115.03 | 53.66 | 0.777 | 0.356 |
| 8/31/2004 | 3.31 | 18.27 | 5.52 | 9.32 | 33.66 | 115.59 | 53.95 | 0.427 | 0.356 |
| 9/30/2004 | 3.24 | 19.68 | 6.07 | 15.90 | 33.75 | 116.19 | 54.43 | 0.687 | 0.357 |
| 10/31/2004 | 3.22 | 19.21 | 5.97 | 16.77 | 33.85 | 116.78 | 54.95 | 0.740 | 0.359 |
| 11/30/2004 | 3.28 | 19.53 | 5.96 | 16.19 | 33.95 | 117.37 | 55.43 | 0.703 | 0.361 |
| 12/31/2004 | 3.29 | 19.50 | 5.93 | 16.67 | 34.05 | 117.97 | 55.95 | 0.724 | 0.362 |
| 1/31/2005 | 3.18 | 19.17 | 6.02 | 16.65 | 34.15 | 118.57 | 56.47 | 0.737 | 0.364 |
| 2/28/2005 | 3.13 | 19.12 | 6.12 | 16.73 | 34.24 | 119.10 | 56.94 | 0.745 | 0.366 |
| 3/31/2005 | 2.99 | 18.95 | 6.33 | 16.26 | 34.33 | 119.69 | 57.44 | 0.734 | 0.367 |
| 4/30/2005 | 2.93 | 18.62 | 6.35 | 16.58 | 34.42 | 120.25 | 57.94 | 0.762 | 0.369 |
| 5/31/2005 | 2.84 | 18.30 | 6.44 | 16.63 | 34.51 | 120.81 | 58.45 | 0.779 | 0.371 |
| 6/30/2005 | 2.80 | 18.28 | 6.52 | 16.13 | 34.59 | 121.36 | 58.94 | 0.758 | 0.372 |
| 7/31/2005 | 2.66 | 17.91 | 6.73 | 16.80 | 34.68 | 121.92 | 59.46 | 0.810 | 0.374 |
| 8/31/2005 | 2.74 | 18.05 | 6.59 | 16.78 | 34.76 | 122.48 | 59.98 | 0.800 | 0.376 |
| 9/30/2005 | 2.53 | 18.08 | 7.14 | 16.55 | 34.84 | 123.02 | 60.47 | 0.796 | 0.377 |
| 10/31/2005 | 2.42 | 18.12 | 7.48 | 16.18 | 34.91 | 123.58 | 60.98 | 0.781 | 0.379 |
| 11/30/2005 | 2.44 | 19.15 | 7.86 | 16.95 | 34.98 | 124.16 | 61.48 | 0.779 | 0.381 |
| 12/31/2005 | 2.57 | 20.07 | 7.82 | 17.69 | 35.06 | 124.78 | 62.03 | 0.775 | 0.382 |
| 1/31/2006 | 2.55 | 19.68 | 7.71 | 17.11 | 35.14 | 125.39 | 62.56 | 0.764 | 0.384 |
| 2/28/2006 | 2.59 | 19.55 | 7.54 | 14.09 | 35.22 | 125.94 | 62.96 | 0.631 | 0.385 |
| 3/31/2006 | 2.66 | 17.57 | 6.61 | 12.17 | 35.30 | 126.48 | 63.33 | 0.596 | 0.386 |
| 4/30/2006 | 2.62 | 16.64 | 6.35 | 12.10 | 35.38 | 126.98 | 63.70 | 0.622 | 0.386 |
| 5/31/2006 | 2.85 | 17.73 | 6.23 | 11.56 | 35.47 | 127.53 | 64.06 | 0.556 | 0.387 |
| 6/30/2006 | 3.09 | 18.86 | 6.11 | 11.73 | 35.56 | 128.10 | 64.41 | 0.529 | 0.388 |
| 7/31/2006 | 3.05 | 19.30 | 6.33 | 11.62 | 35.65 | 128.69 | 64.77 | 0.515 | 0.388 |
| 8/31/2006 | 2.87 | 18.48 | 6.45 | 11.87 | 35.74 | 129.27 | 65.14 | 0.551 | 0.389 |
| 9/30/2006 | 3.07 | 19.19 | 6.25 | 12.14 | 35.83 | 129.84 | 65.50 | 0.540 | 0.390 |
| 10/31/2006 | 2.95 | 19.72 | 6.70 | 11.18 | 35.92 | 130.45 | 65.85 | 0.489 | 0.390 |
| 11/30/2006 | 2.96 | 19.40 | 6.55 | 9.62 | 36.01 | 131.04 | 66.14 | 0.426 | 0.390 |
| 12/31/2006 | 2.94 | 19.64 | 6.68 | 11.13 | 36.10 | 131.64 | 66.48 | 0.488 | 0.390 |
| 1/31/2007 | 2.52 | 15.78 | 6.27 | 11.05 | 36.18 | 132.13 | 66.82 | 0.598 | 0.391 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 2/28/2007 | 2.24 | 21.13 | 9.44 | 10.54 | 36.25 | 132.73 | 67.12 | 0.448 | 0.391 |
| 3/31/2007 | 2.61 | 23.25 | 8.90 | 9.91 | 36.33 | 133.45 | 67.43 | 0.381 | 0.391 |
| 4/30/2007 | 2.54 | 23.05 | 9.07 | 10.82 | 36.40 | 134.14 | 67.75 | 0.420 | 0.391 |
| 5/31/2007 | 2.46 | 24.01 | 9.77 | 11.64 | 36.48 | 134.88 | 68.11 | 0.437 | 0.392 |
| 6/30/2007 | 2.32 | 24.06 | 10.36 | 3.10 | 36.55 | 135.60 | 68.20 | 0.117 | 0.390 |
| 7/31/2007 | 2.47 | 24.86 | 10.07 | 8.58 | 36.63 | 136.37 | 68.47 | 0.312 | 0.390 |
| 8/31/2007 | 2.43 | 24.33 | 10.03 | 7.16 | 36.70 | 137.13 | 68.69 | 0.266 | 0.389 |
| 9/30/2007 | 2.34 | 24.24 | 10.34 | 2.64 | 36.77 | 137.86 | 68.77 | 0.099 | 0.388 |
| 10/31/2007 | 2.31 | 23.82 | 10.33 | 13.28 | 36.84 | 138.59 | 69.18 | 0.505 | 0.389 |
| 11/30/2007 | 2.20 | 21.18 | 9.64 | 12.46 | 36.91 | 139.23 | 69.56 | 0.530 | 0.389 |
| 12/31/2007 | 2.28 | 21.74 | 9.52 | 12.34 | 36.98 | 139.90 | 69.94 | 0.510 | 0.390 |
| 1/31/2008 | 2.22 | 21.45 | 9.68 | 11.82 | 37.05 | 140.57 | 70.31 | 0.496 | 0.390 |
| 2/29/2008 | 2.25 | 22.03 | 9.80 | 10.76 | 37.11 | 141.21 | 70.62 | 0.440 | 0.390 |
| 3/31/2008 | 2.23 | 21.43 | 9.61 | 11.83 | 37.18 | 141.87 | 70.98 | 0.497 | 0.391 |
| 4/30/2008 | 2.31 | 22.19 | 9.62 | 12.51 | 37.25 | 142.54 | 71.36 | 0.507 | 0.391 |
| 5/31/2008 | 2.12 | 21.15 | 9.96 | 11.99 | 37.32 | 143.19 | 71.73 | 0.512 | 0.392 |
| 6/30/2008 | 1.91 | 23.40 | 12.23 | 11.16 | 37.37 | 143.89 | 72.07 | 0.439 | 0.392 |
| 7/31/2008 | 2.05 | 22.45 | 10.96 | 4.34 | 37.44 | 144.59 | 72.20 | 0.176 | 0.391 |
| 8/31/2008 | 1.53 | 20.26 | 13.25 | 10.80 | 37.48 | 145.22 | 72.54 | 0.493 | 0.391 |
| 9/30/2008 | 2.08 | 24.02 | 11.53 | 14.96 | 37.55 | 145.94 | 72.98 | 0.570 | 0.392 |
| 10/31/2008 | 2.08 | 23.75 | 11.42 | 14.87 | 37.61 | 146.68 | 73.45 | 0.573 | 0.393 |
| 11/30/2008 | 1.94 | 23.84 | 12.27 | 14.60 | 37.67 | 147.39 | 73.88 | 0.563 | 0.394 |
| 12/31/2008 | 1.97 | 23.63 | 12.01 | 14.47 | 37.73 | 148.12 | 74.33 | 0.562 | 0.394 |
| 1/31/2009 | 2.03 | 23.51 | 11.59 | 14.63 | 37.79 | 148.85 | 74.79 | 0.570 | 0.395 |
| 2/28/2009 | 2.00 | 23.42 | 11.71 | 14.24 | 37.85 | 149.51 | 75.18 | 0.557 | 0.396 |
| 3/31/2009 | 1.90 | 23.06 | 12.14 | 14.40 | 37.91 | 150.22 | 75.63 | 0.574 | 0.396 |
| 4/30/2009 | 1.76 | 22.57 | 12.85 | 14.10 | 37.96 | 150.90 | 76.05 | 0.577 | 0.397 |
| 5/31/2009 | 2.10 | 24.61 | 11.74 | 14.22 | 38.03 | 151.66 | 76.49 | 0.529 | 0.398 |
| 6/30/2009 | 2.01 | 23.03 | 11.46 | 14.15 | 38.09 | 152.35 | 76.92 | 0.562 | 0.398 |
| 7/31/2009 | 1.92 | 21.89 | 11.42 | 15.31 | 38.15 | 153.03 | 77.39 | 0.640 | 0.399 |
| 8/31/2009 | 1.96 | 22.25 | 11.36 | 14.64 | 38.21 | 153.72 | 77.85 | 0.601 | 0.400 |
| 9/30/2009 | 1.90 | 20.76 | 10.91 | 14.64 | 38.26 | 154.34 | 78.29 | 0.642 | 0.401 |
| 10/31/2009 | 1.97 | 23.21 | 11.78 | 14.50 | 38.33 | 155.06 | 78.74 | 0.573 | 0.402 |
| 11/30/2009 | 1.99 | 24.18 | 12.15 | 15.29 | 38.39 | 155.79 | 79.20 | 0.581 | 0.402 |
| 12/31/2009 | 1.96 | 23.47 | 11.95 | 14.43 | 38.45 | 156.52 | 79.64 | 0.564 | 0.403 |
| 1/31/2010 | 1.90 | 23.20 | 12.23 | 14.92 | 38.50 | 157.24 | 80.11 | 0.592 | 0.404 |
| 2/28/2010 | 1.99 | 23.78 | 11.93 | 14.31 | 38.56 | 157.90 | 80.51 | 0.552 | 0.404 |
| 3/31/2010 | 1.93 | 23.26 | 12.04 | 13.47 | 38.62 | 158.62 | 80.92 | 0.532 | 0.405 |
| 4/30/2010 | 2.00 | 23.03 | 11.49 | 14.16 | 38.68 | 159.31 | 81.35 | 0.563 | 0.405 |
| 5/31/2010 | 1.88 | 21.75 | 11.55 | 12.52 | 38.74 | 159.99 | 81.74 | 0.527 | 0.406 |
| 6/30/2010 | 1.96 | 22.39 | 11.40 | 13.50 | 38.80 | 160.66 | 82.14 | 0.551 | 0.406 |
| 7/31/2010 | 1.57 | 21.31 | 13.56 | 14.07 | 38.85 | 161.32 | 82.58 | 0.612 | 0.407 |
| 8/31/2010 | 1.26 | 20.68 | 16.35 | 13.28 | 38.89 | 161.96 | 82.99 | 0.603 | 0.408 |
| 9/30/2010 | 1.46 | 21.54 | 14.79 | 13.24 | 38.93 | 162.61 | 83.39 | 0.573 | 0.408 |
| 10/31/2010 | 1.46 | 23.08 | 15.79 | 14.51 | 38.97 | 163.32 | 83.84 | 0.589 | 0.409 |
| 11/30/2010 | 1.47 | 24.44 | 16.59 | 11.46 | 39.02 | 164.06 | 84.18 | 0.440 | 0.409 |
| 12/31/2010 | 1.48 | 24.82 | 16.73 | 14.95 | 39.06 | 164.83 | 84.64 | 0.566 | 0.410 |
| 1/31/2011 | 1.52 | 23.85 | 15.70 | 15.36 | 39.11 | 165.57 | 85.12 | 0.603 | 0.410 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 2/28/2011 | 1.50 | 23.32 | 15.59 | 12.93 | 39.15 | 166.22 | 85.48 | 0.519 | 0.411 |
| 3/31/2011 | 1.47 | 23.46 | 15.99 | 14.15 | 39.20 | 166.95 | 85.92 | 0.565 | 0.411 |
| 4/30/2011 | 1.32 | 23.25 | 17.57 | 13.25 | 39.24 | 167.64 | 86.32 | 0.537 | 0.412 |
| 5/31/2011 | 1.11 | 20.02 | 18.04 | 11.31 | 39.27 | 168.26 | 86.67 | 0.533 | 0.412 |
| 6/30/2011 | 1.02 | 13.69 | 13.38 | 4.54 | 39.30 | 168.68 | 86.81 | 0.307 | 0.412 |
| 7/31/2011 | 1.15 | 21.23 | 18.49 | 12.83 | 39.34 | 169.33 | 87.20 | 0.571 | 0.412 |
| 8/31/2011 | 1.23 | 23.24 | 18.96 | 15.48 | 39.38 | 170.05 | 87.68 | 0.631 | 0.413 |
| 9/30/2011 | 1.21 | 23.44 | 19.43 | 15.60 | 39.41 | 170.76 | 88.15 | 0.631 | 0.414 |
| 10/31/2011 | 1.29 | 23.64 | 18.32 | 15.29 | 39.45 | 171.49 | 88.62 | 0.611 | 0.415 |
| 11/30/2011 | 1.41 | 24.01 | 17.03 | 15.56 | 39.50 | 172.21 | 89.09 | 0.610 | 0.415 |
| 12/31/2011 | 1.37 | 24.05 | 17.50 | 16.05 | 39.54 | 172.96 | 89.59 | 0.629 | 0.416 |
| 1/31/2012 | 1.35 | 23.40 | 17.40 | 16.11 | 39.58 | 173.68 | 90.09 | 0.649 | 0.417 |
| 2/29/2012 | 1.15 | 21.51 | 18.68 | 13.63 | 39.61 | 174.30 | 90.48 | 0.599 | 0.418 |
| 3/31/2012 | 1.08 | 19.83 | 18.35 | 4.69 | 39.65 | 174.92 | 90.63 | 0.224 | 0.417 |
| 4/30/2012 | 1.38 | 23.64 | 17.13 | 15.95 | 39.69 | 175.63 | 91.11 | 0.635 | 0.418 |
| 5/31/2012 | 1.05 | 20.85 | 19.76 | 15.46 | 39.72 | 176.28 | 91.59 | 0.704 | 0.419 |
| 6/30/2012 | 1.35 | 23.99 | 17.73 | 6.74 | 39.76 | 176.99 | 91.79 | 0.265 | 0.418 |
| 7/31/2012 | 1.29 | 21.38 | 16.61 | 14.55 | 39.80 | 177.66 | 92.24 | 0.639 | 0.419 |
| 8/31/2012 | 0.45 | 8.43 | 18.66 | 4.90 | 39.82 | 177.92 | 92.39 | 0.549 | 0.419 |
| 9/30/2012 | 1.23 | 23.48 | 19.14 | | 39.85 | 178.62 | 92.39 | 0.000 | 0.418 |
| 10/31/2012 | 1.39 | 23.55 | 16.94 | | 39.90 | 179.35 | 92.39 | 0.000 | 0.416 |
| 11/30/2012 | 1.40 | 23.55 | 16.86 | 1.03 | 39.94 | 180.06 | 92.42 | 0.041 | 0.415 |
| 12/31/2012 | 1.32 | 22.71 | 17.17 | 0.78 | 39.98 | 180.76 | 92.45 | 0.032 | 0.414 |
| 1/31/2013 | 1.28 | 23.81 | 18.55 | 4.19 | 40.02 | 181.50 | 92.58 | 0.166 | 0.413 |
| 2/28/2013 | 1.41 | 24.27 | 17.25 | 0.07 | 40.06 | 182.18 | 92.58 | 0.003 | 0.411 |
| 3/31/2013 | 1.35 | 21.92 | 16.29 | | 40.10 | 182.86 | 92.58 | 0.000 | 0.410 |
| 4/30/2013 | 1.39 | 24.44 | 17.54 | | 40.14 | 183.59 | 92.58 | 0.000 | 0.409 |
| 5/31/2013 | 0.99 | 17.49 | 17.72 | 3.58 | 40.17 | 184.14 | 92.69 | 0.193 | 0.408 |
| 6/30/2013 | 1.22 | 22.51 | 18.50 | 7.37 | 40.21 | 184.81 | 92.91 | 0.310 | 0.408 |
| 7/31/2013 | 0.99 | 17.43 | 17.65 | | 40.24 | 185.35 | 92.91 | 0.000 | 0.407 |
| 8/31/2013 | 1.35 | 24.98 | 18.48 | | 40.28 | 186.13 | 92.91 | 0.000 | 0.405 |
| 9/30/2013 | 1.24 | 21.71 | 17.46 | | 40.32 | 186.78 | 92.91 | 0.000 | 0.404 |
| 10/31/2013 | 0.56 | 10.96 | 19.53 | | 40.34 | 187.12 | 92.91 | 0.000 | 0.404 |
| 11/30/2013 | 1.19 | 21.14 | 17.81 | | 40.37 | 187.75 | 92.91 | 0.000 | 0.402 |
| 12/31/2013 | 1.38 | 24.96 | 18.04 | | 40.41 | 188.52 | 92.91 | 0.000 | 0.401 |
| 1/31/2014 | 1.16 | 20.23 | 17.37 | | 40.45 | 189.15 | 92.91 | 0.000 | 0.400 |
| 2/28/2014 | 1.10 | 21.29 | 19.29 | | 40.48 | 189.75 | 92.91 | 0.000 | 0.399 |
| 3/31/2014 | 1.09 | 21.55 | 19.71 | | 40.52 | 190.42 | 92.91 | 0.000 | 0.397 |
| 4/30/2014 | 1.03 | 19.95 | 19.37 | | 40.55 | 191.02 | 92.91 | 0.000 | 0.396 |
| 5/31/2014 | 1.04 | 20.82 | 19.98 | | 40.58 | 191.66 | 92.91 | 0.000 | 0.395 |
| 6/30/2014 | 1.05 | 21.53 | 20.44 | | 40.61 | 192.31 | 92.91 | 0.000 | 0.394 |
| 7/31/2014 | 0.98 | 19.92 | 20.38 | | 40.64 | 192.92 | 92.91 | 0.000 | 0.393 |
| 8/31/2014 | 1.03 | 22.10 | 21.41 | | 40.67 | 193.61 | 92.91 | 0.000 | 0.392 |
| 9/30/2014 | 0.98 | 20.25 | 20.73 | | 40.70 | 194.22 | 92.91 | 0.000 | 0.391 |
| 10/31/2014 | 0.94 | 20.44 | 21.70 | | 40.73 | 194.85 | 92.91 | 0.000 | 0.390 |
| 11/30/2014 | 1.11 | 21.40 | 19.34 | | 40.76 | 195.49 | 92.91 | 0.000 | 0.389 |
| 12/31/2014 | 1.07 | 20.28 | 18.88 | | 40.80 | 196.12 | 92.91 | 0.000 | 0.388 |

Pattern: 09/08-14-010-29 Inj Set: NorthEbor Unit#2
Oil Formation Vol Factor : 1.07160 m3/m3
Water Formation Vol Factor : 1.00150 m3/m3
Water / Oil Ratio : 10.10 m3/m3
Operator: Tundra_O&G_Prtshp
Oil Rate (CD) : 0.46 m3/d
Water Rate (CD) : 4.66 m3/d
Water Inj Rate (CD) : 4.96 m3/d
April 27, 2015



| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 2/28/1987 | 0.72 | 0.73 | 1.00 | | 0.02 | 0.02 | 0.00 | 0.000 | 0.000 |
| 3/31/1987 | 1.34 | 0.46 | 0.34 | | 0.06 | 0.03 | 0.00 | 0.000 | 0.000 |
| 4/30/1987 | 0.53 | 0.58 | 1.09 | | 0.08 | 0.05 | 0.00 | 0.000 | 0.000 |
| 5/31/1987 | 1.27 | 0.01 | 0.01 | | 0.12 | 0.05 | 0.00 | 0.000 | 0.000 |
| 6/30/1987 | 0.22 | 0.14 | 0.63 | | 0.12 | 0.06 | 0.00 | 0.000 | 0.000 |
| 10/31/1987 | 0.39 | 0.00 | 0.00 | | 0.14 | 0.06 | 0.00 | 0.000 | 0.000 |
| 11/30/1987 | 1.27 | 0.69 | 0.55 | | 0.17 | 0.08 | 0.00 | 0.000 | 0.000 |
| 12/31/1987 | 0.93 | 0.43 | 0.46 | | 0.20 | 0.09 | 0.00 | 0.000 | 0.000 |
| 1/31/1988 | 0.33 | 0.15 | 0.48 | | 0.21 | 0.10 | 0.00 | 0.000 | 0.000 |
| 2/29/1988 | 0.62 | 0.29 | 0.47 | | 0.23 | 0.10 | 0.00 | 0.000 | 0.000 |
| 3/31/1988 | 1.07 | 0.03 | 0.03 | | 0.26 | 0.11 | 0.00 | 0.000 | 0.000 |
| 4/30/1988 | 0.70 | 0.26 | 0.37 | | 0.29 | 0.11 | 0.00 | 0.000 | 0.000 |
| 5/31/1988 | 0.66 | 0.20 | 0.30 | | 0.31 | 0.12 | 0.00 | 0.000 | 0.000 |
| 6/30/1988 | 0.69 | 0.26 | 0.38 | | 0.33 | 0.13 | 0.00 | 0.000 | 0.000 |
| 7/31/1988 | 0.69 | 0.24 | 0.34 | | 0.35 | 0.13 | 0.00 | 0.000 | 0.000 |
| 8/31/1988 | 0.64 | 0.23 | 0.35 | | 0.37 | 0.14 | 0.00 | 0.000 | 0.000 |
| 9/30/1988 | 0.67 | 0.25 | 0.37 | | 0.39 | 0.15 | 0.00 | 0.000 | 0.000 |
| 10/31/1988 | 0.62 | 0.24 | 0.38 | | 0.41 | 0.16 | 0.00 | 0.000 | 0.000 |
| 11/30/1988 | 0.63 | 0.23 | 0.37 | | 0.43 | 0.16 | 0.00 | 0.000 | 0.000 |
| 12/31/1988 | 0.40 | 0.38 | 0.94 | | 0.44 | 0.17 | 0.00 | 0.000 | 0.000 |
| 1/31/1989 | 0.58 | 0.27 | 0.46 | | 0.46 | 0.18 | 0.00 | 0.000 | 0.000 |
| 2/28/1989 | 0.36 | 0.28 | 0.75 | | 0.47 | 0.19 | 0.00 | 0.000 | 0.000 |
| 3/31/1989 | 6.33 | 2.07 | 0.33 | | 0.66 | 0.25 | 0.00 | 0.000 | 0.000 |
| 4/30/1989 | 7.18 | 0.96 | 0.13 | | 0.88 | 0.28 | 0.00 | 0.000 | 0.000 |
| 5/31/1989 | 15.24 | 2.17 | 0.14 | | 1.35 | 0.35 | 0.00 | 0.000 | 0.000 |
| 6/30/1989 | 11.61 | 1.62 | 0.14 | | 1.70 | 0.40 | 0.00 | 0.000 | 0.000 |
| 7/31/1989 | 13.26 | 1.48 | 0.11 | | 2.11 | 0.45 | 0.00 | 0.000 | 0.000 |
| 8/31/1989 | 13.76 | 0.81 | 0.06 | | 2.54 | 0.47 | 0.00 | 0.000 | 0.000 |
| 9/30/1989 | 12.72 | 0.94 | 0.07 | | 2.92 | 0.50 | 0.00 | 0.000 | 0.000 |
| 10/31/1989 | 12.85 | 1.90 | 0.15 | | 3.32 | 0.56 | 0.00 | 0.000 | 0.000 |
| 11/30/1989 | 12.14 | 1.49 | 0.12 | | 3.68 | 0.60 | 0.00 | 0.000 | 0.000 |
| 12/31/1989 | 12.80 | 2.24 | 0.17 | | 4.08 | 0.67 | 0.00 | 0.000 | 0.000 |
| 1/31/1990 | 12.37 | 1.65 | 0.13 | | 4.46 | 0.72 | 0.00 | 0.000 | 0.000 |
| 2/28/1990 | 10.73 | 1.94 | 0.18 | | 4.76 | 0.78 | 0.00 | 0.000 | 0.000 |
| 3/31/1990 | 12.78 | 1.85 | 0.14 | | 5.16 | 0.83 | 0.00 | 0.000 | 0.000 |
| 4/30/1990 | 11.79 | 1.44 | 0.12 | | 5.51 | 0.88 | 0.00 | 0.000 | 0.000 |
| 5/31/1990 | 10.70 | 1.20 | 0.11 | | 5.84 | 0.91 | 0.00 | 0.000 | 0.000 |
| 6/30/1990 | 9.13 | 0.85 | 0.09 | | 6.12 | 0.94 | 0.00 | 0.000 | 0.000 |
| 7/31/1990 | 9.19 | 1.42 | 0.15 | | 6.40 | 0.98 | 0.00 | 0.000 | 0.000 |
| 8/31/1990 | 10.16 | 1.36 | 0.13 | | 6.72 | 1.03 | 0.00 | 0.000 | 0.000 |
| 9/30/1990 | 8.47 | 1.06 | 0.13 | | 6.97 | 1.06 | 0.00 | 0.000 | 0.000 |
| 10/31/1990 | 9.05 | 1.14 | 0.13 | | 7.25 | 1.09 | 0.00 | 0.000 | 0.000 |
| 11/30/1990 | 8.32 | 1.08 | 0.13 | | 7.50 | 1.13 | 0.00 | 0.000 | 0.000 |
| 12/31/1990 | 9.02 | 1.00 | 0.11 | | 7.78 | 1.16 | 0.00 | 0.000 | 0.000 |
| 1/31/1991 | 8.92 | 0.85 | 0.10 | | 8.06 | 1.18 | 0.00 | 0.000 | 0.000 |
| 2/28/1991 | 9.87 | 1.25 | 0.13 | | 8.33 | 1.22 | 0.00 | 0.000 | 0.000 |
| 3/31/1991 | 9.32 | 1.17 | 0.13 | | 8.62 | 1.25 | 0.00 | 0.000 | 0.000 |
| 4/30/1991 | 9.49 | 1.74 | 0.18 | | 8.91 | 1.31 | 0.00 | 0.000 | 0.000 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 5/31/1991 | 10.84 | 2.84 | 0.26 | | 9.24 | 1.39 | 0.00 | 0.000 | 0.000 |
| 6/30/1991 | 11.95 | 4.65 | 0.39 | | 9.60 | 1.53 | 0.00 | 0.000 | 0.000 |
| 7/31/1991 | 12.01 | 2.15 | 0.18 | | 9.97 | 1.60 | 0.00 | 0.000 | 0.000 |
| 8/31/1991 | 10.25 | 2.23 | 0.22 | | 10.29 | 1.67 | 0.00 | 0.000 | 0.000 |
| 9/30/1991 | 7.33 | 1.82 | 0.25 | | 10.51 | 1.72 | 0.00 | 0.000 | 0.000 |
| 10/31/1991 | 8.51 | 1.48 | 0.17 | 21.56 | 10.78 | 1.77 | 0.67 | 2.037 | 0.050 |
| 11/30/1991 | 7.75 | 1.29 | 0.17 | 25.91 | 11.01 | 1.81 | 1.45 | 2.707 | 0.106 |
| 12/31/1991 | 7.77 | 1.21 | 0.16 | 25.02 | 11.25 | 1.85 | 2.22 | 2.627 | 0.160 |
| 1/31/1992 | 7.70 | 1.10 | 0.14 | 24.66 | 11.49 | 1.88 | 2.99 | 2.644 | 0.211 |
| 2/29/1992 | 7.73 | 1.27 | 0.16 | 25.23 | 11.71 | 1.92 | 3.72 | 2.647 | 0.257 |
| 3/31/1992 | 7.36 | 1.20 | 0.16 | 24.62 | 11.94 | 1.95 | 4.48 | 2.715 | 0.304 |
| 4/30/1992 | 6.85 | 1.19 | 0.17 | 26.27 | 12.15 | 1.99 | 5.27 | 3.087 | 0.352 |
| 5/31/1992 | 7.79 | 1.40 | 0.18 | 24.39 | 12.39 | 2.03 | 6.03 | 2.507 | 0.394 |
| 6/30/1992 | 8.25 | 1.45 | 0.18 | 23.37 | 12.63 | 2.08 | 6.73 | 2.275 | 0.432 |
| 7/31/1992 | 8.27 | 1.46 | 0.18 | 24.32 | 12.89 | 2.12 | 7.48 | 2.359 | 0.470 |
| 8/31/1992 | 7.83 | 1.39 | 0.18 | 25.07 | 13.13 | 2.17 | 8.26 | 2.569 | 0.509 |
| 9/30/1992 | 8.33 | 1.77 | 0.21 | 24.33 | 13.38 | 2.22 | 8.99 | 2.277 | 0.544 |
| 10/31/1992 | 9.12 | 1.98 | 0.22 | 25.62 | 13.67 | 2.28 | 9.78 | 2.184 | 0.579 |
| 11/30/1992 | 7.99 | 1.76 | 0.22 | 25.46 | 13.91 | 2.33 | 10.55 | 2.472 | 0.613 |
| 12/31/1992 | 7.55 | 1.49 | 0.20 | 25.54 | 14.14 | 2.38 | 11.34 | 2.673 | 0.648 |
| 1/31/1993 | 7.18 | 1.30 | 0.18 | 21.93 | 14.36 | 2.42 | 12.02 | 2.442 | 0.676 |
| 2/28/1993 | 6.86 | 1.19 | 0.17 | 25.24 | 14.55 | 2.45 | 12.72 | 2.958 | 0.706 |
| 3/31/1993 | 7.31 | 1.29 | 0.18 | 25.10 | 14.78 | 2.49 | 13.50 | 2.756 | 0.738 |
| 4/30/1993 | 6.67 | 1.89 | 0.28 | 25.01 | 14.98 | 2.55 | 14.25 | 2.772 | 0.767 |
| 5/31/1993 | 5.66 | 1.70 | 0.30 | 3.20 | 15.16 | 2.60 | 14.35 | 0.412 | 0.763 |
| 6/30/1993 | 7.12 | 1.58 | 0.22 | | 15.37 | 2.65 | 14.35 | 0.000 | 0.752 |
| 7/31/1993 | 5.11 | 2.11 | 0.41 | 2.38 | 15.53 | 2.71 | 14.43 | 0.314 | 0.747 |
| 8/31/1993 | 5.33 | 3.18 | 0.60 | 21.65 | 15.69 | 2.81 | 15.10 | 2.438 | 0.770 |
| 9/30/1993 | 4.87 | 3.36 | 0.69 | 25.54 | 15.84 | 2.91 | 15.86 | 2.979 | 0.799 |
| 10/31/1993 | 5.12 | 1.98 | 0.39 | 25.26 | 16.00 | 2.98 | 16.65 | 3.388 | 0.829 |
| 11/30/1993 | 3.80 | 4.01 | 1.06 | 25.13 | 16.11 | 3.10 | 17.40 | 3.113 | 0.856 |
| 12/31/1993 | 5.12 | 3.09 | 0.60 | 25.04 | 16.27 | 3.19 | 18.18 | 2.921 | 0.883 |
| 1/31/1994 | 3.81 | 1.85 | 0.49 | 24.71 | 16.39 | 3.25 | 18.94 | 4.165 | 0.912 |
| 2/28/1994 | 4.45 | 1.95 | 0.44 | 24.81 | 16.51 | 3.30 | 19.64 | 3.694 | 0.937 |
| 3/31/1994 | 2.35 | 4.27 | 1.82 | 20.96 | 16.59 | 3.44 | 20.29 | 3.085 | 0.958 |
| 4/30/1994 | 2.76 | 4.84 | 1.76 | 17.22 | 16.67 | 3.58 | 20.80 | 2.211 | 0.972 |
| 5/31/1994 | 2.83 | 4.72 | 1.67 | 2.33 | 16.76 | 3.73 | 20.87 | 0.300 | 0.964 |
| 6/30/1994 | 2.90 | 5.51 | 1.90 | 4.24 | 16.84 | 3.89 | 21.00 | 0.493 | 0.959 |
| 7/31/1994 | 2.72 | 4.91 | 1.81 | 14.01 | 16.93 | 4.05 | 21.44 | 1.793 | 0.968 |
| 8/31/1994 | 3.30 | 3.70 | 1.12 | 15.99 | 17.03 | 4.16 | 21.93 | 2.211 | 0.980 |
| 9/30/1994 | 4.51 | 3.59 | 0.80 | 17.15 | 17.17 | 4.27 | 22.45 | 2.041 | 0.992 |
| 10/31/1994 | 4.90 | 4.44 | 0.91 | 18.55 | 17.32 | 4.41 | 23.02 | 1.918 | 1.004 |
| 11/30/1994 | 4.58 | 5.54 | 1.21 | 18.83 | 17.46 | 4.57 | 23.59 | 1.805 | 1.015 |
| 12/31/1994 | 4.60 | 4.76 | 1.04 | 15.50 | 17.60 | 4.72 | 24.07 | 1.602 | 1.022 |
| 1/31/1995 | 4.57 | 5.27 | 1.15 | 18.99 | 17.74 | 4.88 | 24.66 | 1.870 | 1.034 |
| 2/28/1995 | 4.10 | 5.19 | 1.27 | 18.96 | 17.85 | 5.03 | 25.19 | 1.980 | 1.044 |
| 3/31/1995 | 4.30 | 4.52 | 1.05 | 18.45 | 17.99 | 5.17 | 25.76 | 2.024 | 1.055 |
| 4/30/1995 | 4.44 | 4.79 | 1.08 | 16.56 | 18.12 | 5.31 | 26.26 | 1.737 | 1.063 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 5/31/1995 | 4.31 | 5.16 | 1.20 | 9.81 | 18.25 | 5.47 | 26.56 | 1.005 | 1.063 |
| 6/30/1995 | 4.18 | 4.62 | 1.10 | 4.30 | 18.38 | 5.61 | 26.69 | 0.473 | 1.056 |
| 7/31/1995 | 3.74 | 6.14 | 1.64 | 14.45 | 18.50 | 5.80 | 27.14 | 1.426 | 1.061 |
| 8/31/1995 | 3.32 | 6.46 | 1.95 | 14.32 | 18.60 | 6.00 | 27.58 | 1.432 | 1.065 |
| 9/30/1995 | 3.77 | 5.79 | 1.53 | 13.93 | 18.71 | 6.17 | 28.00 | 1.418 | 1.069 |
| 10/31/1995 | 4.36 | 5.42 | 1.24 | 10.22 | 18.85 | 6.34 | 28.32 | 1.013 | 1.069 |
| 11/30/1995 | 5.31 | 4.76 | 0.90 | 13.95 | 19.01 | 6.49 | 28.73 | 1.336 | 1.072 |
| 12/31/1995 | 4.17 | 4.41 | 1.06 | 13.84 | 19.14 | 6.62 | 29.16 | 1.560 | 1.077 |
| 1/31/1996 | 3.15 | 4.28 | 1.36 | 13.68 | 19.23 | 6.75 | 29.59 | 1.789 | 1.083 |
| 2/29/1996 | 3.91 | 4.44 | 1.13 | 13.69 | 19.35 | 6.88 | 29.98 | 1.588 | 1.087 |
| 3/31/1996 | 3.26 | 3.74 | 1.15 | 13.80 | 19.45 | 7.00 | 30.41 | 1.908 | 1.094 |
| 4/30/1996 | 3.65 | 4.41 | 1.21 | 13.87 | 19.56 | 7.13 | 30.83 | 1.669 | 1.099 |
| 5/31/1996 | 3.01 | 2.89 | 0.96 | 8.76 | 19.65 | 7.22 | 31.10 | 1.435 | 1.101 |
| 6/30/1996 | 3.05 | 4.59 | 1.51 | 14.09 | 19.74 | 7.36 | 31.52 | 1.794 | 1.107 |
| 7/31/1996 | 2.91 | 3.85 | 1.33 | 13.75 | 19.83 | 7.48 | 31.95 | 1.975 | 1.114 |
| 8/31/1996 | 2.98 | 3.89 | 1.30 | 9.89 | 19.92 | 7.60 | 32.26 | 1.398 | 1.116 |
| 9/30/1996 | 2.90 | 4.08 | 1.41 | 13.99 | 20.01 | 7.72 | 32.68 | 1.950 | 1.122 |
| 10/31/1996 | 2.45 | 3.19 | 1.30 | 14.22 | 20.09 | 7.82 | 33.12 | 2.449 | 1.130 |
| 11/30/1996 | 2.24 | 3.34 | 1.49 | 15.63 | 20.15 | 7.92 | 33.59 | 2.727 | 1.139 |
| 12/31/1996 | 2.49 | 3.61 | 1.45 | 15.86 | 20.23 | 8.03 | 34.08 | 2.530 | 1.149 |
| 1/31/1997 | 2.03 | 3.23 | 1.59 | 14.50 | 20.29 | 8.13 | 34.53 | 2.688 | 1.157 |
| 2/28/1997 | 1.98 | 3.00 | 1.52 | 13.99 | 20.35 | 8.22 | 34.92 | 2.733 | 1.165 |
| 3/31/1997 | 1.90 | 3.32 | 1.74 | 16.42 | 20.41 | 8.32 | 35.43 | 3.068 | 1.175 |
| 4/30/1997 | 2.22 | 4.00 | 1.80 | 18.04 | 20.48 | 8.44 | 35.97 | 2.830 | 1.186 |
| 5/31/1997 | 2.34 | 3.39 | 1.45 | 15.95 | 20.55 | 8.54 | 36.46 | 2.705 | 1.195 |
| 6/30/1997 | 2.59 | 3.59 | 1.39 | 14.13 | 20.63 | 8.65 | 36.89 | 2.219 | 1.201 |
| 7/31/1997 | 2.42 | 3.60 | 1.49 | 13.52 | 20.70 | 8.76 | 37.31 | 2.186 | 1.207 |
| 8/31/1997 | 2.35 | 3.24 | 1.38 | 14.15 | 20.77 | 8.86 | 37.74 | 2.460 | 1.214 |
| 9/30/1997 | 2.17 | 3.30 | 1.52 | 13.83 | 20.84 | 8.96 | 38.16 | 2.458 | 1.221 |
| 10/31/1997 | 2.00 | 3.31 | 1.65 | 13.59 | 20.90 | 9.07 | 38.58 | 2.495 | 1.228 |
| 11/30/1997 | 1.98 | 2.75 | 1.39 | 13.73 | 20.96 | 9.15 | 38.99 | 2.818 | 1.235 |
| 12/31/1997 | 1.79 | 3.61 | 2.01 | 27.49 | 21.02 | 9.26 | 39.84 | 4.970 | 1.256 |
| 1/31/1998 | 1.26 | 2.69 | 2.14 | 14.19 | 21.06 | 9.34 | 40.28 | 3.520 | 1.264 |
| 2/28/1998 | 1.62 | 2.88 | 1.78 | 14.05 | 21.10 | 9.42 | 40.68 | 3.049 | 1.272 |
| 3/31/1998 | 1.49 | 2.90 | 1.94 | 14.15 | 21.15 | 9.51 | 41.12 | 3.152 | 1.280 |
| 4/30/1998 | 1.67 | 3.21 | 1.92 | 14.13 | 21.20 | 9.61 | 41.54 | 2.828 | 1.287 |
| 5/31/1998 | 1.69 | 2.88 | 1.70 | 13.67 | 21.25 | 9.70 | 41.96 | 2.913 | 1.294 |
| 6/30/1998 | 1.51 | 3.14 | 2.08 | 14.07 | 21.29 | 9.79 | 42.39 | 2.962 | 1.302 |
| 7/31/1998 | 1.48 | 3.90 | 2.64 | 7.86 | 21.34 | 9.91 | 42.63 | 1.435 | 1.302 |
| 8/31/1998 | 1.27 | 3.90 | 3.06 | 13.82 | 21.38 | 10.04 | 43.06 | 2.625 | 1.309 |
| 9/30/1998 | 1.12 | 3.27 | 2.93 | 12.33 | 21.41 | 10.13 | 43.43 | 2.763 | 1.315 |
| 10/31/1998 | 1.19 | 3.05 | 2.57 | 13.42 | 21.45 | 10.23 | 43.84 | 3.107 | 1.322 |
| 11/30/1998 | 1.04 | 2.79 | 2.68 | 13.37 | 21.48 | 10.31 | 44.25 | 3.428 | 1.329 |
| 12/31/1998 | 0.84 | 3.07 | 3.67 | 13.29 | 21.51 | 10.41 | 44.66 | 3.347 | 1.337 |
| 1/31/1999 | 0.90 | 3.79 | 4.22 | 13.29 | 21.54 | 10.52 | 45.07 | 2.801 | 1.343 |
| 2/28/1999 | 0.78 | 3.74 | 4.78 | 13.32 | 21.56 | 10.63 | 45.44 | 2.914 | 1.349 |
| 3/31/1999 | 0.72 | 3.80 | 5.31 | 13.22 | 21.58 | 10.75 | 45.85 | 2.895 | 1.356 |
| 4/30/1999 | 0.67 | 2.84 | 4.25 | 11.78 | 21.60 | 10.83 | 46.21 | 3.319 | 1.362 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 5/31/1999 | 0.72 | 3.55 | 4.95 | 12.94 | 21.62 | 10.94 | 46.61 | 2.998 | 1.368 |
| 6/30/1999 | 0.83 | 3.23 | 3.89 | 13.92 | 21.65 | 11.04 | 47.02 | 3.380 | 1.375 |
| 7/31/1999 | 0.61 | 3.36 | 5.54 | 12.61 | 21.67 | 11.14 | 47.42 | 3.148 | 1.382 |
| 8/31/1999 | 0.64 | 3.60 | 5.60 | 13.45 | 21.69 | 11.25 | 47.83 | 3.141 | 1.389 |
| 9/30/1999 | 0.61 | 3.15 | 5.19 | 14.10 | 21.70 | 11.35 | 48.26 | 3.711 | 1.396 |
| 10/31/1999 | 0.67 | 3.22 | 4.80 | 14.04 | 21.72 | 11.45 | 48.69 | 3.566 | 1.404 |
| 11/30/1999 | 0.48 | 3.30 | 6.83 | 13.88 | 21.74 | 11.55 | 49.11 | 3.633 | 1.411 |
| 12/31/1999 | 0.49 | 3.25 | 6.64 | 13.84 | 21.75 | 11.65 | 49.54 | 3.662 | 1.419 |
| 1/31/2000 | 0.40 | 3.40 | 8.50 | 13.86 | 21.77 | 11.75 | 49.97 | 3.621 | 1.426 |
| 2/29/2000 | 0.54 | 3.41 | 6.33 | 13.85 | 21.78 | 11.85 | 50.37 | 3.478 | 1.433 |
| 3/31/2000 | 0.48 | 3.26 | 6.73 | 13.70 | 21.80 | 11.95 | 50.79 | 3.629 | 1.440 |
| 4/30/2000 | 0.60 | 3.20 | 5.36 | 13.68 | 21.81 | 12.05 | 51.20 | 3.565 | 1.447 |
| 5/31/2000 | 0.66 | 3.12 | 4.74 | 13.56 | 21.84 | 12.15 | 51.62 | 3.549 | 1.454 |
| 6/30/2000 | 0.62 | 2.87 | 4.60 | 13.11 | 21.85 | 12.23 | 52.02 | 3.708 | 1.461 |
| 7/31/2000 | 0.62 | 2.86 | 4.63 | 13.75 | 21.87 | 12.32 | 52.44 | 3.899 | 1.468 |
| 8/31/2000 | 0.59 | 3.01 | 5.10 | 13.54 | 21.89 | 12.42 | 52.86 | 3.718 | 1.476 |
| 9/30/2000 | 0.62 | 2.86 | 4.58 | 13.60 | 21.91 | 12.50 | 53.27 | 3.860 | 1.483 |
| 10/31/2000 | 0.66 | 2.87 | 4.34 | 13.27 | 21.93 | 12.59 | 53.68 | 3.710 | 1.489 |
| 11/30/2000 | 0.68 | 3.63 | 5.33 | 13.26 | 21.95 | 12.70 | 54.08 | 3.046 | 1.495 |
| 12/31/2000 | 0.67 | 3.81 | 5.68 | 13.28 | 21.97 | 12.82 | 54.49 | 2.933 | 1.501 |
| 1/31/2001 | 0.62 | 3.40 | 5.48 | 13.29 | 21.99 | 12.92 | 54.90 | 3.274 | 1.507 |
| 2/28/2001 | 0.65 | 3.34 | 5.16 | 13.39 | 22.01 | 13.02 | 55.28 | 3.325 | 1.512 |
| 3/31/2001 | 0.53 | 3.23 | 6.10 | 13.52 | 22.03 | 13.12 | 55.70 | 3.562 | 1.519 |
| 4/30/2001 | 0.48 | 3.15 | 6.61 | 13.33 | 22.04 | 13.21 | 56.10 | 3.641 | 1.525 |
| 5/31/2001 | 0.43 | 3.15 | 7.34 | 13.38 | 22.05 | 13.31 | 56.51 | 3.709 | 1.532 |
| 6/30/2001 | 0.40 | 3.10 | 7.75 | 13.29 | 22.07 | 13.40 | 56.91 | 3.766 | 1.538 |
| 7/31/2001 | 0.40 | 3.11 | 7.77 | 12.83 | 22.08 | 13.50 | 57.31 | 3.629 | 1.544 |
| 8/31/2001 | 0.49 | 2.89 | 5.85 | 12.76 | 22.09 | 13.59 | 57.70 | 3.738 | 1.551 |
| 9/30/2001 | 0.52 | 2.92 | 5.66 | 13.18 | 22.11 | 13.67 | 58.10 | 3.793 | 1.557 |
| 10/31/2001 | 0.53 | 2.84 | 5.40 | 13.21 | 22.12 | 13.76 | 58.51 | 3.885 | 1.563 |
| 11/30/2001 | 0.52 | 2.87 | 5.55 | 13.13 | 22.14 | 13.85 | 58.90 | 3.836 | 1.570 |
| 12/31/2001 | 0.49 | 2.86 | 5.80 | 13.19 | 22.16 | 13.94 | 59.31 | 3.893 | 1.576 |
| 1/31/2002 | 0.50 | 2.84 | 5.67 | 13.24 | 22.17 | 14.02 | 59.72 | 3.927 | 1.583 |
| 2/28/2002 | 0.53 | 2.83 | 5.36 | 13.20 | 22.19 | 14.10 | 60.09 | 3.886 | 1.588 |
| 3/31/2002 | 0.52 | 3.00 | 5.77 | 13.06 | 22.20 | 14.20 | 60.50 | 3.678 | 1.595 |
| 4/30/2002 | 0.50 | 3.04 | 6.04 | 13.14 | 22.22 | 14.29 | 60.89 | 3.672 | 1.600 |
| 5/31/2002 | 0.50 | 2.81 | 5.66 | 13.08 | 22.23 | 14.38 | 61.30 | 3.911 | 1.607 |
| 6/30/2002 | 0.51 | 2.80 | 5.48 | 12.97 | 22.25 | 14.46 | 61.69 | 3.882 | 1.613 |
| 7/31/2002 | 0.50 | 2.52 | 5.01 | 12.14 | 22.26 | 14.54 | 62.06 | 3.970 | 1.618 |
| 8/31/2002 | 0.49 | 2.53 | 5.16 | 13.07 | 22.28 | 14.62 | 62.47 | 4.275 | 1.625 |
| 9/30/2002 | 0.39 | 2.00 | 5.09 | 13.08 | 22.29 | 14.68 | 62.86 | 5.395 | 1.632 |
| 10/31/2002 | 3.09 | 10.24 | 3.31 | 6.84 | 22.39 | 14.99 | 63.07 | 0.505 | 1.620 |
| 11/30/2002 | 2.35 | 9.39 | 3.99 | 6.32 | 22.46 | 15.28 | 63.26 | 0.531 | 1.610 |
| 12/31/2002 | 2.13 | 7.63 | 3.59 | 9.46 | 22.52 | 15.51 | 63.55 | 0.955 | 1.605 |
| 1/31/2003 | 2.06 | 7.76 | 3.76 | 10.00 | 22.59 | 15.75 | 63.86 | 1.003 | 1.600 |
| 2/28/2003 | 1.60 | 6.41 | 4.01 | 9.97 | 22.63 | 15.93 | 64.14 | 1.227 | 1.598 |
| 3/31/2003 | 1.90 | 8.66 | 4.55 | 9.97 | 22.69 | 16.20 | 64.45 | 0.932 | 1.593 |
| 4/30/2003 | 2.11 | 8.44 | 4.01 | 8.39 | 22.75 | 16.45 | 64.70 | 0.784 | 1.586 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 5/31/2003 | 0.78 | 2.55 | 3.26 | 10.00 | 22.78 | 16.53 | 65.01 | 2.951 | 1.590 |
| 6/30/2003 | 2.13 | 8.27 | 3.88 | 9.89 | 22.84 | 16.78 | 65.31 | 0.937 | 1.585 |
| 7/31/2003 | 1.87 | 8.05 | 4.29 | 9.98 | 22.90 | 17.03 | 65.62 | 0.993 | 1.580 |
| 8/31/2003 | 1.91 | 7.25 | 3.79 | 9.80 | 22.96 | 17.25 | 65.92 | 1.054 | 1.577 |
| 9/30/2003 | 1.57 | 6.00 | 3.83 | 10.77 | 23.01 | 17.43 | 66.25 | 1.404 | 1.576 |
| 10/31/2003 | 1.46 | 6.00 | 4.10 | 10.82 | 23.05 | 17.62 | 66.58 | 1.429 | 1.575 |
| 11/30/2003 | 1.51 | 6.15 | 4.08 | 14.34 | 23.10 | 17.81 | 67.01 | 1.846 | 1.577 |
| 12/31/2003 | 1.41 | 6.29 | 4.47 | 8.95 | 23.14 | 18.00 | 67.29 | 1.149 | 1.574 |
| 1/31/2004 | 1.50 | 6.24 | 4.15 | 9.55 | 23.19 | 18.19 | 67.59 | 1.218 | 1.572 |
| 2/29/2004 | 1.43 | 6.47 | 4.51 | 10.28 | 23.23 | 18.38 | 67.88 | 1.285 | 1.571 |
| 3/31/2004 | 1.49 | 6.18 | 4.14 | 10.40 | 23.27 | 18.57 | 68.21 | 1.337 | 1.569 |
| 4/30/2004 | 1.51 | 5.99 | 3.96 | 9.90 | 23.32 | 18.75 | 68.50 | 1.300 | 1.568 |
| 5/31/2004 | 0.89 | 2.82 | 3.16 | 9.92 | 23.35 | 18.84 | 68.81 | 2.633 | 1.571 |
| 6/30/2004 | 0.74 | 3.69 | 5.01 | 10.09 | 23.37 | 18.95 | 69.11 | 2.253 | 1.573 |
| 7/31/2004 | 1.17 | 6.32 | 5.41 | 9.48 | 23.41 | 19.15 | 69.41 | 1.253 | 1.571 |
| 8/31/2004 | 1.15 | 5.91 | 5.13 | 6.68 | 23.44 | 19.33 | 69.61 | 0.936 | 1.568 |
| 9/30/2004 | 1.14 | 6.29 | 5.54 | 10.27 | 23.48 | 19.52 | 69.92 | 1.368 | 1.567 |
| 10/31/2004 | 1.15 | 6.28 | 5.44 | 10.15 | 23.51 | 19.71 | 70.24 | 1.350 | 1.566 |
| 11/30/2004 | 1.09 | 6.12 | 5.61 | 10.06 | 23.54 | 19.90 | 70.54 | 1.381 | 1.565 |
| 12/31/2004 | 0.92 | 6.03 | 6.58 | 9.95 | 23.57 | 20.08 | 70.85 | 1.418 | 1.564 |
| 1/31/2005 | 0.98 | 6.66 | 6.81 | 10.09 | 23.60 | 20.29 | 71.16 | 1.310 | 1.563 |
| 2/28/2005 | 0.96 | 6.38 | 6.61 | 10.10 | 23.63 | 20.47 | 71.44 | 1.363 | 1.562 |
| 3/31/2005 | 0.94 | 6.10 | 6.50 | 9.97 | 23.66 | 20.66 | 71.75 | 1.404 | 1.561 |
| 4/30/2005 | 0.94 | 6.05 | 6.44 | 9.97 | 23.69 | 20.84 | 72.05 | 1.414 | 1.561 |
| 5/31/2005 | 0.92 | 5.81 | 6.29 | 9.88 | 23.72 | 21.02 | 72.36 | 1.455 | 1.560 |
| 6/30/2005 | 0.91 | 5.74 | 6.31 | 9.92 | 23.74 | 21.19 | 72.66 | 1.477 | 1.560 |
| 7/31/2005 | 0.89 | 5.72 | 6.42 | 9.66 | 23.77 | 21.37 | 72.96 | 1.449 | 1.559 |
| 8/31/2005 | 0.90 | 5.72 | 6.36 | 9.90 | 23.80 | 21.55 | 73.26 | 1.481 | 1.559 |
| 9/30/2005 | 0.89 | 5.72 | 6.42 | 9.84 | 23.83 | 21.72 | 73.56 | 1.476 | 1.559 |
| 10/31/2005 | 0.92 | 5.62 | 6.09 | 9.46 | 23.85 | 21.89 | 73.85 | 1.432 | 1.558 |
| 11/30/2005 | 0.90 | 5.80 | 6.42 | 10.38 | 23.88 | 22.07 | 74.16 | 1.535 | 1.558 |
| 12/31/2005 | 0.98 | 6.44 | 6.54 | 14.22 | 23.91 | 22.27 | 74.60 | 1.898 | 1.560 |
| 1/31/2006 | 0.97 | 6.47 | 6.64 | 13.73 | 23.94 | 22.47 | 75.03 | 1.829 | 1.561 |
| 2/28/2006 | 0.97 | 6.52 | 6.71 | 13.18 | 23.97 | 22.65 | 75.40 | 1.744 | 1.562 |
| 3/31/2006 | 0.97 | 5.81 | 5.98 | 11.90 | 24.00 | 22.83 | 75.77 | 1.738 | 1.562 |
| 4/30/2006 | 0.83 | 5.53 | 6.63 | 13.80 | 24.02 | 23.00 | 76.18 | 2.150 | 1.565 |
| 5/31/2006 | 1.05 | 5.15 | 4.90 | 13.42 | 24.06 | 23.15 | 76.60 | 2.139 | 1.567 |
| 6/30/2006 | 0.99 | 5.19 | 5.22 | 12.10 | 24.09 | 23.31 | 76.96 | 1.935 | 1.568 |
| 7/31/2006 | 1.08 | 5.41 | 4.99 | 12.40 | 24.12 | 23.48 | 77.34 | 1.887 | 1.570 |
| 8/31/2006 | 0.95 | 4.84 | 5.07 | 13.31 | 24.15 | 23.63 | 77.76 | 2.272 | 1.572 |
| 9/30/2006 | 0.99 | 4.89 | 4.93 | 13.36 | 24.18 | 23.78 | 78.16 | 2.244 | 1.575 |
| 10/31/2006 | 0.95 | 5.06 | 5.35 | 12.88 | 24.21 | 23.93 | 78.56 | 2.121 | 1.577 |
| 11/30/2006 | 1.01 | 4.99 | 4.95 | 12.53 | 24.24 | 24.08 | 78.93 | 2.067 | 1.579 |
| 12/31/2006 | 1.01 | 5.06 | 5.00 | 12.55 | 24.27 | 24.24 | 79.32 | 2.042 | 1.580 |
| 1/31/2007 | 0.99 | 5.03 | 5.06 | 11.45 | 24.30 | 24.39 | 79.68 | 1.881 | 1.581 |
| 2/28/2007 | 0.99 | 4.91 | 4.96 | 10.15 | 24.33 | 24.53 | 79.96 | 1.701 | 1.582 |
| 3/31/2007 | 0.97 | 4.46 | 4.61 | 11.36 | 24.36 | 24.67 | 80.31 | 2.065 | 1.583 |
| 4/30/2007 | 1.01 | 4.69 | 4.63 | 11.39 | 24.39 | 24.81 | 80.65 | 1.974 | 1.585 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 5/31/2007 | 0.98 | 4.80 | 4.88 | 5.97 | 24.42 | 24.96 | 80.84 | 1.021 | 1.583 |
| 6/30/2007 | 0.92 | 6.17 | 6.68 | 9.79 | 24.45 | 25.14 | 81.13 | 1.367 | 1.582 |
| 7/31/2007 | 0.89 | 5.35 | 6.01 | 10.94 | 24.48 | 25.31 | 81.47 | 1.735 | 1.582 |
| 8/31/2007 | 0.97 | 6.34 | 6.55 | 11.06 | 24.51 | 25.51 | 81.82 | 1.500 | 1.582 |
| 9/30/2007 | 0.94 | 6.26 | 6.64 | 10.88 | 24.53 | 25.69 | 82.14 | 1.497 | 1.582 |
| 10/31/2007 | 0.97 | 6.36 | 6.55 | 10.67 | 24.56 | 25.89 | 82.47 | 1.443 | 1.581 |
| 11/30/2007 | 0.88 | 5.37 | 6.10 | 10.61 | 24.59 | 26.05 | 82.79 | 1.683 | 1.582 |
| 12/31/2007 | 0.89 | 5.01 | 5.63 | 10.38 | 24.62 | 26.21 | 83.11 | 1.741 | 1.582 |
| 1/31/2008 | 0.86 | 4.85 | 5.60 | 10.45 | 24.64 | 26.36 | 83.44 | 1.812 | 1.583 |
| 2/29/2008 | 0.88 | 4.93 | 5.61 | 9.49 | 24.67 | 26.50 | 83.71 | 1.617 | 1.583 |
| 3/31/2008 | 0.87 | 4.81 | 5.52 | 7.45 | 24.70 | 26.65 | 83.94 | 1.298 | 1.582 |
| 4/30/2008 | 0.88 | 4.94 | 5.60 | 7.54 | 24.72 | 26.80 | 84.17 | 1.280 | 1.581 |
| 5/31/2008 | 0.86 | 4.77 | 5.51 | 6.45 | 24.75 | 26.95 | 84.37 | 1.133 | 1.580 |
| 6/30/2008 | 0.82 | 4.99 | 6.09 | 8.07 | 24.77 | 27.10 | 84.61 | 1.376 | 1.579 |
| 7/31/2008 | 0.89 | 4.85 | 5.43 | 9.38 | 24.80 | 27.25 | 84.90 | 1.615 | 1.579 |
| 8/31/2008 | 0.89 | 4.82 | 5.39 | 10.24 | 24.83 | 27.40 | 85.22 | 1.774 | 1.580 |
| 9/30/2008 | 0.91 | 4.74 | 5.23 | 11.07 | 24.86 | 27.54 | 85.55 | 1.938 | 1.581 |
| 10/31/2008 | 0.89 | 4.71 | 5.27 | 10.65 | 24.89 | 27.68 | 85.88 | 1.880 | 1.582 |
| 11/30/2008 | 0.86 | 4.73 | 5.47 | 10.74 | 24.91 | 27.83 | 86.20 | 1.900 | 1.583 |
| 12/31/2008 | 0.91 | 4.54 | 5.01 | 10.31 | 24.94 | 27.97 | 86.52 | 1.872 | 1.584 |
| 1/31/2009 | 0.91 | 4.60 | 5.04 | 10.22 | 24.97 | 28.11 | 86.84 | 1.832 | 1.584 |
| 2/28/2009 | 0.86 | 4.51 | 5.21 | 10.38 | 24.99 | 28.24 | 87.13 | 1.911 | 1.585 |
| 3/31/2009 | 0.73 | 4.29 | 5.92 | 10.25 | 25.01 | 28.37 | 87.45 | 2.022 | 1.587 |
| 4/30/2009 | 0.39 | 3.59 | 9.21 | 10.31 | 25.03 | 28.48 | 87.76 | 2.570 | 1.589 |
| 5/31/2009 | 0.39 | 3.65 | 9.34 | 10.32 | 25.04 | 28.59 | 88.08 | 2.540 | 1.591 |
| 6/30/2009 | 0.89 | 6.13 | 6.91 | 10.07 | 25.06 | 28.77 | 88.38 | 1.423 | 1.590 |
| 7/31/2009 | 1.04 | 6.99 | 6.71 | 9.91 | 25.10 | 28.99 | 88.69 | 1.223 | 1.589 |
| 8/31/2009 | 1.08 | 7.12 | 6.61 | 9.30 | 25.13 | 29.21 | 88.98 | 1.124 | 1.586 |
| 9/30/2009 | 1.10 | 6.82 | 6.22 | 9.81 | 25.16 | 29.42 | 89.27 | 1.228 | 1.585 |
| 10/31/2009 | 1.09 | 6.33 | 5.82 | 10.29 | 25.20 | 29.61 | 89.59 | 1.373 | 1.584 |
| 11/30/2009 | 1.09 | 4.35 | 3.98 | 10.69 | 25.23 | 29.74 | 89.91 | 1.937 | 1.585 |
| 12/31/2009 | 1.08 | 4.14 | 3.83 | 10.23 | 25.26 | 29.87 | 90.23 | 1.933 | 1.586 |
| 1/31/2010 | 0.88 | 3.68 | 4.16 | 9.71 | 25.29 | 29.98 | 90.53 | 2.100 | 1.587 |
| 2/28/2010 | 1.09 | 4.17 | 3.84 | 9.61 | 25.32 | 30.10 | 90.80 | 1.804 | 1.588 |
| 3/31/2010 | 1.05 | 4.08 | 3.88 | 9.89 | 25.35 | 30.23 | 91.10 | 1.899 | 1.589 |
| 4/30/2010 | 1.10 | 4.03 | 3.67 | 10.38 | 25.39 | 30.35 | 91.42 | 1.993 | 1.590 |
| 5/31/2010 | 0.96 | 3.66 | 3.81 | 9.34 | 25.42 | 30.46 | 91.70 | 1.991 | 1.591 |
| 6/30/2010 | 0.66 | 3.39 | 5.17 | 9.42 | 25.44 | 30.56 | 91.99 | 2.301 | 1.592 |
| 7/31/2010 | 0.53 | 3.57 | 6.74 | 9.30 | 25.45 | 30.68 | 92.28 | 2.249 | 1.594 |
| 8/31/2010 | 1.41 | 6.04 | 4.28 | 10.97 | 25.50 | 30.86 | 92.62 | 1.454 | 1.593 |
| 9/30/2010 | 1.33 | 5.41 | 4.06 | 10.99 | 25.54 | 31.02 | 92.95 | 1.607 | 1.593 |
| 10/31/2010 | 1.30 | 5.28 | 4.07 | 11.21 | 25.58 | 31.19 | 93.29 | 1.680 | 1.594 |
| 11/30/2010 | 1.28 | 5.19 | 4.06 | 12.69 | 25.61 | 31.34 | 93.67 | 1.937 | 1.595 |
| 12/31/2010 | 1.28 | 5.28 | 4.11 | 9.23 | 25.65 | 31.51 | 93.96 | 1.388 | 1.594 |
| 1/31/2011 | 1.31 | 5.06 | 3.86 | 11.20 | 25.70 | 31.66 | 94.31 | 1.732 | 1.595 |
| 2/28/2011 | 1.20 | 4.69 | 3.92 | 11.12 | 25.73 | 31.80 | 94.62 | 1.863 | 1.595 |
| 3/31/2011 | 1.17 | 4.68 | 3.99 | 9.62 | 25.76 | 31.94 | 94.92 | 1.620 | 1.595 |
| 4/30/2011 | 1.17 | 4.60 | 3.93 | 11.51 | 25.80 | 32.08 | 95.26 | 1.969 | 1.596 |

| Date | Oil Rate (CD) m3/d | Water Rate (CD) m3/d | Water Oil Ratio m3/m3 | Water Inj Rate (CD) m3/d | Cum Oil Prod Km3 | Cum Water Prod Km3 | Cum Water Inj Km3 | Voidage Replacement Ratio | Cum Voidage Replacemt Ratio |
|------------|--------------------|----------------------|-----------------------|--------------------------|------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 5/31/2011 | 1.20 | 4.69 | 3.92 | 8.18 | 25.84 | 32.22 | 95.51 | 1.370 | 1.596 |
| 6/30/2011 | 1.20 | 4.56 | 3.81 | 10.33 | 25.87 | 32.36 | 95.82 | 1.768 | 1.596 |
| 7/31/2011 | 1.17 | 4.97 | 4.25 | 11.68 | 25.91 | 32.52 | 96.19 | 1.876 | 1.597 |
| 8/31/2011 | 1.27 | 4.73 | 3.71 | 11.68 | 25.95 | 32.66 | 96.55 | 1.916 | 1.598 |
| 9/30/2011 | 1.28 | 4.73 | 3.71 | 12.24 | 25.99 | 32.80 | 96.92 | 2.008 | 1.599 |
| 10/31/2011 | 1.29 | 4.58 | 3.55 | 12.19 | 26.03 | 32.95 | 97.29 | 2.044 | 1.601 |
| 11/30/2011 | 0.54 | 3.67 | 6.80 | 11.88 | 26.04 | 33.06 | 97.65 | 2.797 | 1.603 |
| 12/31/2011 | 0.81 | 5.15 | 6.33 | 11.30 | 26.07 | 33.22 | 98.00 | 1.879 | 1.604 |
| 1/31/2012 | 0.77 | 4.90 | 6.33 | 9.75 | 26.09 | 33.37 | 98.30 | 1.703 | 1.604 |
| 2/29/2012 | 0.69 | 4.91 | 7.12 | 3.31 | 26.11 | 33.51 | 98.40 | 0.586 | 1.602 |
| 3/31/2012 | 0.67 | 4.54 | 6.74 | 8.71 | 26.13 | 33.65 | 98.67 | 1.654 | 1.602 |
| 4/30/2012 | 0.78 | 4.87 | 6.22 | 11.31 | 26.16 | 33.80 | 99.01 | 1.982 | 1.603 |
| 5/31/2012 | 0.77 | 4.85 | 6.26 | 11.90 | 26.18 | 33.95 | 99.38 | 2.097 | 1.604 |
| 6/30/2012 | 0.51 | 3.67 | 7.20 | 11.63 | 26.20 | 34.06 | 99.73 | 2.759 | 1.607 |
| 7/31/2012 | 0.79 | 5.15 | 6.50 | 7.18 | 26.22 | 34.22 | 99.95 | 1.197 | 1.605 |
| 8/31/2012 | 0.23 | 1.60 | 6.99 | 3.92 | 26.23 | 34.27 | 100.07 | 2.123 | 1.606 |
| 9/30/2012 | 0.65 | 4.39 | 6.78 | | 26.25 | 34.40 | 100.07 | 0.000 | 1.602 |
| 10/31/2012 | 0.58 | 3.21 | 5.49 | | 26.27 | 34.50 | 100.07 | 0.000 | 1.599 |
| 11/30/2012 | 0.80 | 4.85 | 6.09 | 3.39 | 26.29 | 34.64 | 100.17 | 0.595 | 1.596 |
| 12/31/2012 | 0.74 | 4.52 | 6.15 | 5.60 | 26.31 | 34.78 | 100.35 | 1.055 | 1.595 |
| 1/31/2013 | 0.70 | 4.22 | 6.03 | 1.97 | 26.33 | 34.91 | 100.41 | 0.396 | 1.592 |
| 2/28/2013 | 0.66 | 4.37 | 6.62 | 7.54 | 26.35 | 35.04 | 100.62 | 1.485 | 1.592 |
| 3/31/2013 | 0.50 | 3.65 | 7.30 | 10.35 | 26.37 | 35.15 | 100.94 | 2.473 | 1.593 |
| 4/30/2013 | 0.69 | 4.58 | 6.61 | 10.19 | 26.39 | 35.29 | 101.24 | 1.916 | 1.594 |
| 5/31/2013 | 0.72 | 4.78 | 6.62 | 9.41 | 26.41 | 35.44 | 101.54 | 1.693 | 1.595 |
| 6/30/2013 | 0.68 | 4.65 | 6.80 | 8.07 | 26.43 | 35.57 | 101.78 | 1.501 | 1.594 |
| 7/31/2013 | 0.74 | 4.42 | 5.98 | 7.02 | 26.45 | 35.71 | 102.00 | 1.349 | 1.594 |
| 8/31/2013 | 0.71 | 4.12 | 5.80 | 7.19 | 26.48 | 35.84 | 102.22 | 1.474 | 1.593 |
| 9/30/2013 | 0.79 | 4.06 | 5.14 | 6.33 | 26.50 | 35.96 | 102.41 | 1.291 | 1.593 |
| 10/31/2013 | 0.80 | 4.05 | 5.08 | 7.68 | 26.52 | 36.09 | 102.65 | 1.567 | 1.593 |
| 11/30/2013 | 0.89 | 4.40 | 4.94 | 4.96 | 26.55 | 36.22 | 102.80 | 0.927 | 1.591 |
| 12/31/2013 | 0.90 | 4.50 | 5.00 | | 26.58 | 36.36 | 102.80 | 0.000 | 1.587 |
| 1/31/2014 | 0.90 | 4.39 | 4.86 | | 26.61 | 36.49 | 102.80 | 0.000 | 1.583 |
| 2/28/2014 | 0.90 | 4.35 | 4.85 | | 26.63 | 36.62 | 102.80 | 0.000 | 1.579 |
| 3/31/2014 | 0.90 | 4.44 | 4.93 | | 26.66 | 36.75 | 102.80 | 0.000 | 1.575 |
| 4/30/2014 | 0.81 | 4.00 | 4.92 | | 26.68 | 36.87 | 102.80 | 0.000 | 1.572 |
| 5/31/2014 | 0.50 | 2.76 | 5.56 | | 26.70 | 36.96 | 102.80 | 0.000 | 1.569 |
| 6/30/2014 | 0.46 | 2.67 | 5.76 | | 26.71 | 37.04 | 102.80 | 0.000 | 1.567 |
| 7/31/2014 | 0.56 | 3.72 | 6.62 | | 26.73 | 37.15 | 102.80 | 0.000 | 1.564 |
| 8/31/2014 | 1.70 | 5.85 | 3.44 | | 26.78 | 37.34 | 102.80 | 0.000 | 1.558 |
| 9/30/2014 | 1.85 | 6.08 | 3.29 | | 26.84 | 37.52 | 102.80 | 0.000 | 1.552 |
| 10/31/2014 | 1.11 | 6.40 | 5.75 | | 26.87 | 37.72 | 102.80 | 0.000 | 1.547 |
| 11/30/2014 | 0.59 | 5.37 | 9.15 | | 26.89 | 37.88 | 102.80 | 0.000 | 1.543 |
| 12/31/2014 | 0.46 | 4.66 | 10.10 | | 26.91 | 38.02 | 102.80 | 0.000 | 1.539 |