

**NORTH EBOR UNIT NO. 2
WATERFLOOD EOR PROJECT

ANNUAL REPORT FOR 2011**

March 6, 2012

Tundra Oil and Gas Partnership

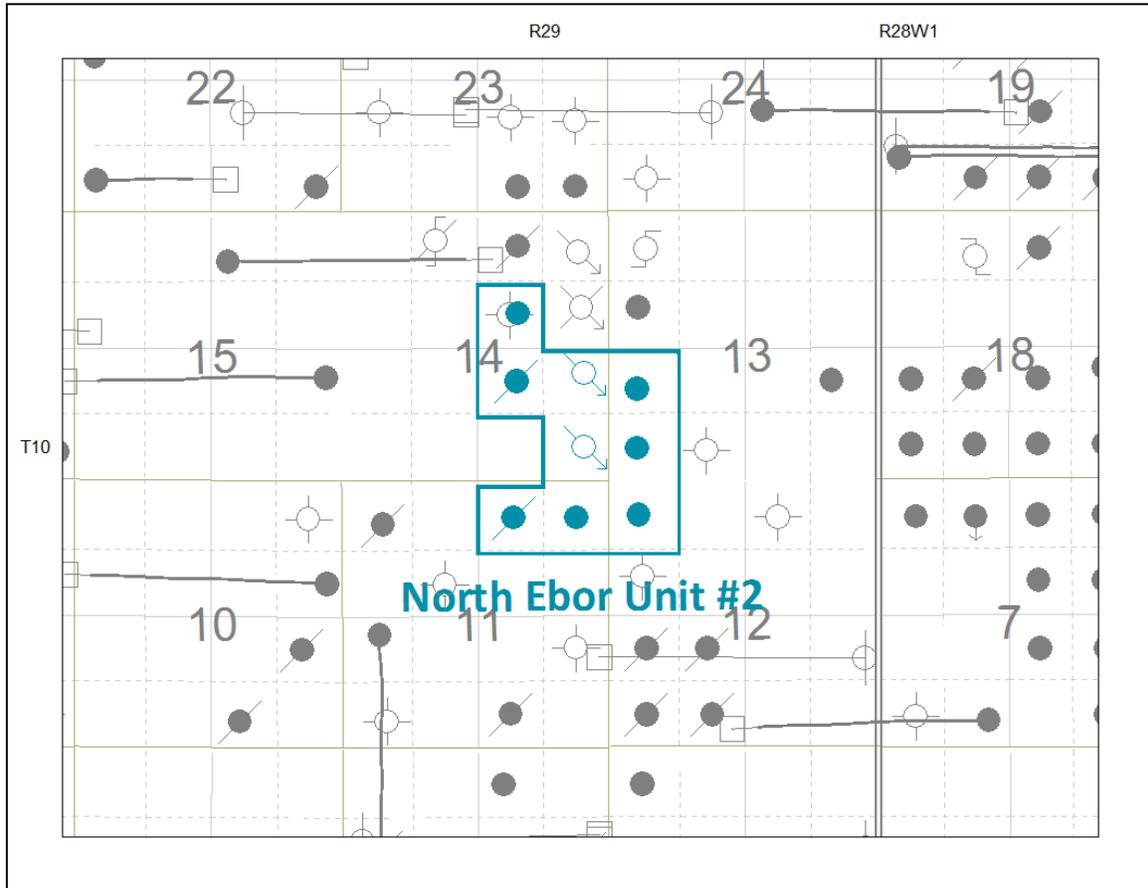
Table of Contents

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	7
List of Appendices.....	9
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 2011 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 26.5m³/d in June 1991. The Unit was producing 2.19 m³/d of oil and 29.2 m³/d of water, in December 2010. 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

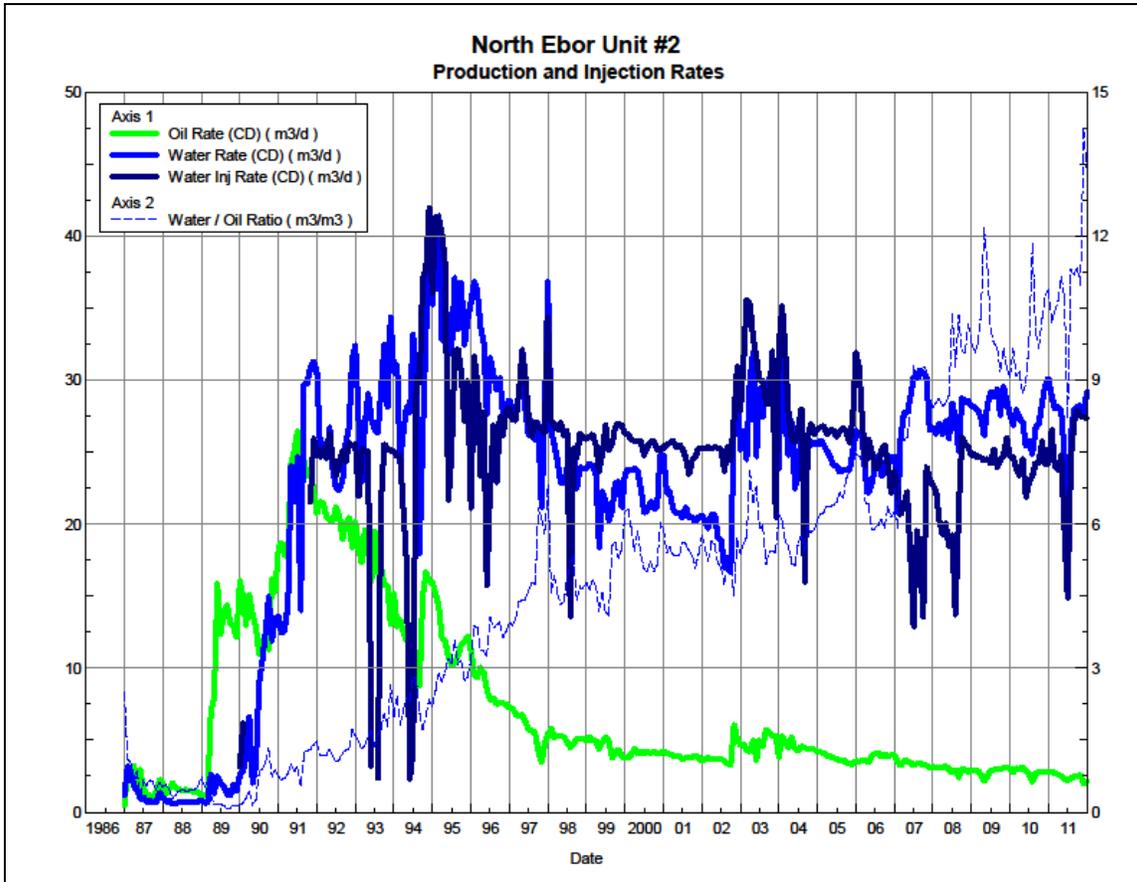
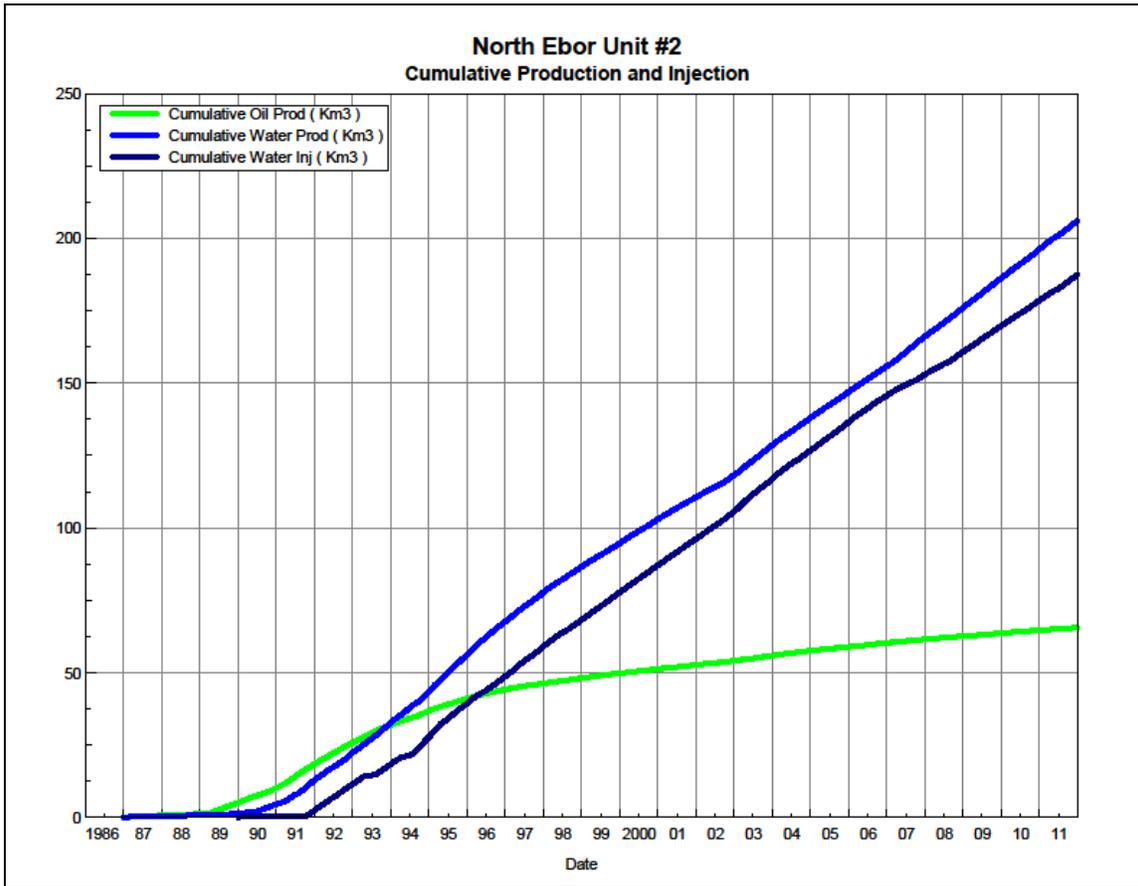


Figure 3 shows the cumulative production for North Ebor Unit No. 2 to the end of December 2011 as 65.6 E³m³ of oil, and 206 E³m³ of water. The cumulative water injected is almost 188 E³m³. The cumulative volume of oil, and water produced and fluid injected for each injection pattern and for the whole 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

As of December 2011 the Unit has 2 active vertical injectors. At year end 2011, North Ebor Unit No. 2 waterflood had 2 injector patterns in place, one injector on the north side 00/08-14-010-29W1/00, the other on the south side at 00/01-14-010-29W1/00. Water injection was started in the October 1991. 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

The injection water for North Ebor Unit No. 2 is sourced from the 00/13-13-010-29W1/00 well (Lodgepole formation). Injected fluid consists of water producing from the Lodgepole formation, from the unit and surrounding area. Water is filtered to 25 microns prior to re-injection.

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 2011, Average injection pressure of injector 00/08-14-010-29W1/0 was 8800 kPag and 9900 kPag for injector 00/01-14-010-29W1/0.

Reservoir Pressure

No reservoir pressure measurements were taken at North Ebor Unit No. 2 in 2011.

Well Servicing

No maintenance was required on the 9 wells in North Ebor Unit No. 2, in 2011.

Voidage Replacement

Cumulative voidage for the North Ebor Unit No. 2 was 0.833 in December 2011. 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 E³m³. In 2011, recovery factor of the Unit is 15.9% based on 65.6 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 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	
	100/01-14	100/08-14
Jan-02		
Feb-02		
Mar-02		
Apr-02		
May-02		
Jun-02		
Jul-02		
Aug-02	1562	1214
Sep-02	3720	2908
Oct-02	10800	8453
Nov-02	10800	8193
Dec-02	10655	8488
Jan-03	9752	8520
Feb-03	10118	8791
Mar-03	10450	8900
Apr-03	10747	8830
May-03	10800	9065
Jun-03	10800	9200
Jul-03	10800	9200
Aug-03	10800	9200
Sep-03	10800	9200
Oct-03	9981	9200
Nov-03	9681	9139
Dec-03	8965	8895
Jan-04	8965	8895
Feb-04	8965	8895
Mar-04	8965	8895
Apr-04	8965	8895
May-04	9866	8725
Jun-04	10000	8700
Jul-04	10000	8700
Aug-04	10000	8700
Sep-04	8890	8100
Oct-04	8800	8000
Nov-04	8800	8000
Dec-04	8800	8000

Month	Injection Pressure	
	100/01-14	100/08-14
Jan-05	8800	8000
Feb-05	8800	8000
Mar-05	8800	8000
Apr-05	8733	8000
May-05	8400	8000
Jun-05	8400	8000
Jul-05	8400	8000
Aug-05	8458	8000
Sep-05	8973	7617
Oct-05	9326	7500
Nov-05	10100	7500
Dec-05	10100	7500
Jan-06	10100	7500
Feb-06	8937	7579
Mar-06	8620	7600
Apr-06	7672	7540
May-06	9010	9842
Jun-06	10787	9233
Jul-06	10801	8755
Aug-06	10801	9271
Sep-06	10161	9673
Oct-06	9858	8826
Nov-06	9493	8960
Dec-06	9977	8527
Jan-07	9510	9181
Feb-07	9475	8111
Mar-07	10116	9200
Apr-07	10521	7480
May-07	11000	1200
Jun-07	2553	7347
Jul-07	4903	8194
Aug-07	7497	8755
Sep-07	1480	8840
Oct-07	8368	8994
Nov-07	9180	9000
Dec-07	9300	9000

Month	Injection Pressure	
	100/01-14	100/08-14
Jan-08	9290	9000
Feb-08	8876	9000
Mar-08	9881	9142
Apr-08	10103	9117
May-08	10000	9100
Jun-08	8273	7733
Jul-08	3419	9600
Aug-08	5987	7955
Sep-08	8450	7600
Oct-08	8868	7600
Nov-08	9120	7606
Dec-08	9707	7574
Jan-09	9613	7520
Feb-09	9541	7596
Mar-09	9600	7600
Apr-09	9347	7600
May-09	9200	7600
Jun-09	9200	7600
Jul-09	9200	7600
Aug-09	9200	7600
Sep-09	9200	7600
Oct-09	9482	7777
Nov-09	9634	7845
Dec-09	9760	7957
Jan-10	9696	8139
Feb-10	9690	8200
Mar-10	9622	8448
Apr-10	9300	8460
May-10	9387	8397
Jun-10	9313	8307
Jul-10	9239	8394
Aug-10	9200	8400
Sep-10	10273	8727
Oct-10	9977	8623
Nov-10	9900	8610
Dec-10	9900	8600

Month	Injection Pressure	
	100/01-14	100/08-14
Jan-11	9813	8600
Feb-11	9800	8600
Mar-11	9852	8065
Apr-11	10200	8700
May-11	8655	8839
Jun-11	9493	8900
Jul-11	9881	8916
Aug-11	10410	9016
Sep-11	10417	9037
Oct-11	10229	9026
Nov-11	10240	9080
Dec-11	10000	9000

Appendix C

North Ebor Unit No. 2 Pattern Summary as of December 2011

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 (m ³ /d)	Water Rate (m ³ /d)	WOR (m ³ /m ³)	Water Injection (m ³ /d)	Cum Oil (E ³ m ³)	Cum Water (E ³ m ³)	Cum Inj Water (E ³ m ³)	Monthly VRR	Cum VRR
00/01-14-010-29W1 Injector	00/01-14	WTR Injection	04-13, 13-12, 15-11, 16-11	4	0.5	Dec 1986	Jul 1994	1.4	24.1	17.53	16.1	39.5	173.0	89.6	0.66	0.49
00/08-14-010-29W1 Injector	00/08-14	WTR Injection	05-13, 07-14, 02/10-14	3	0.5	Feb 1987	Oct 1991	0.8	5.1	6.29	11.3	26.1	33.2	98.0	2.11	2.41

Appendix D
Rates and VRR
Plots and Tables

Pattern: 00/01-14-010-29 Set: North Ebor Unit # 2

Oil Formation Vol. Factor : 1.05 m3/m3

Water Formation Vol Factor : 1.00 m3/m3

Water / Oil Ratio : 17.53 m3/m3

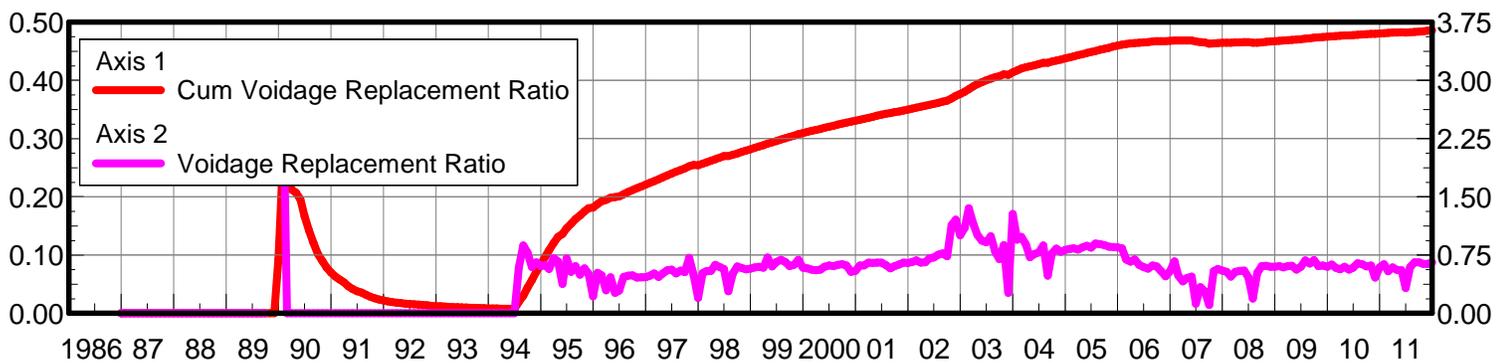
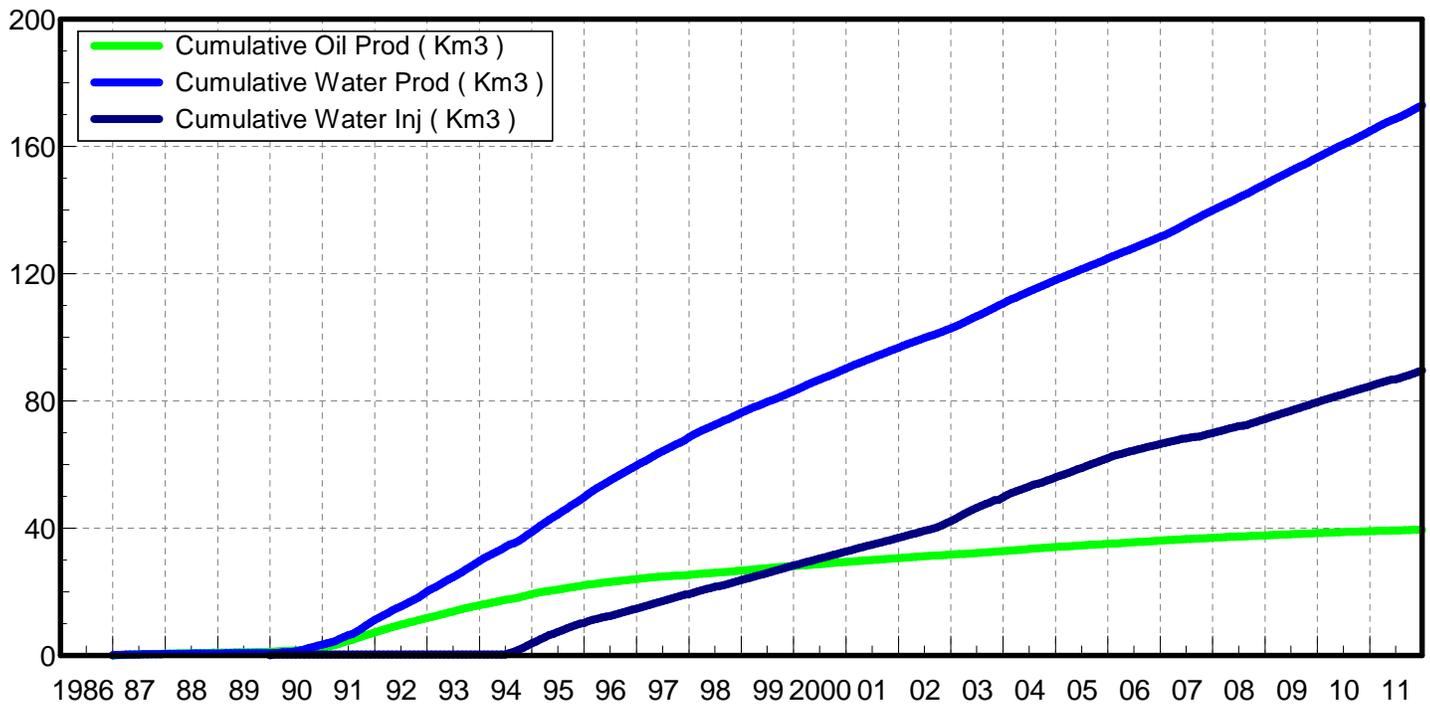
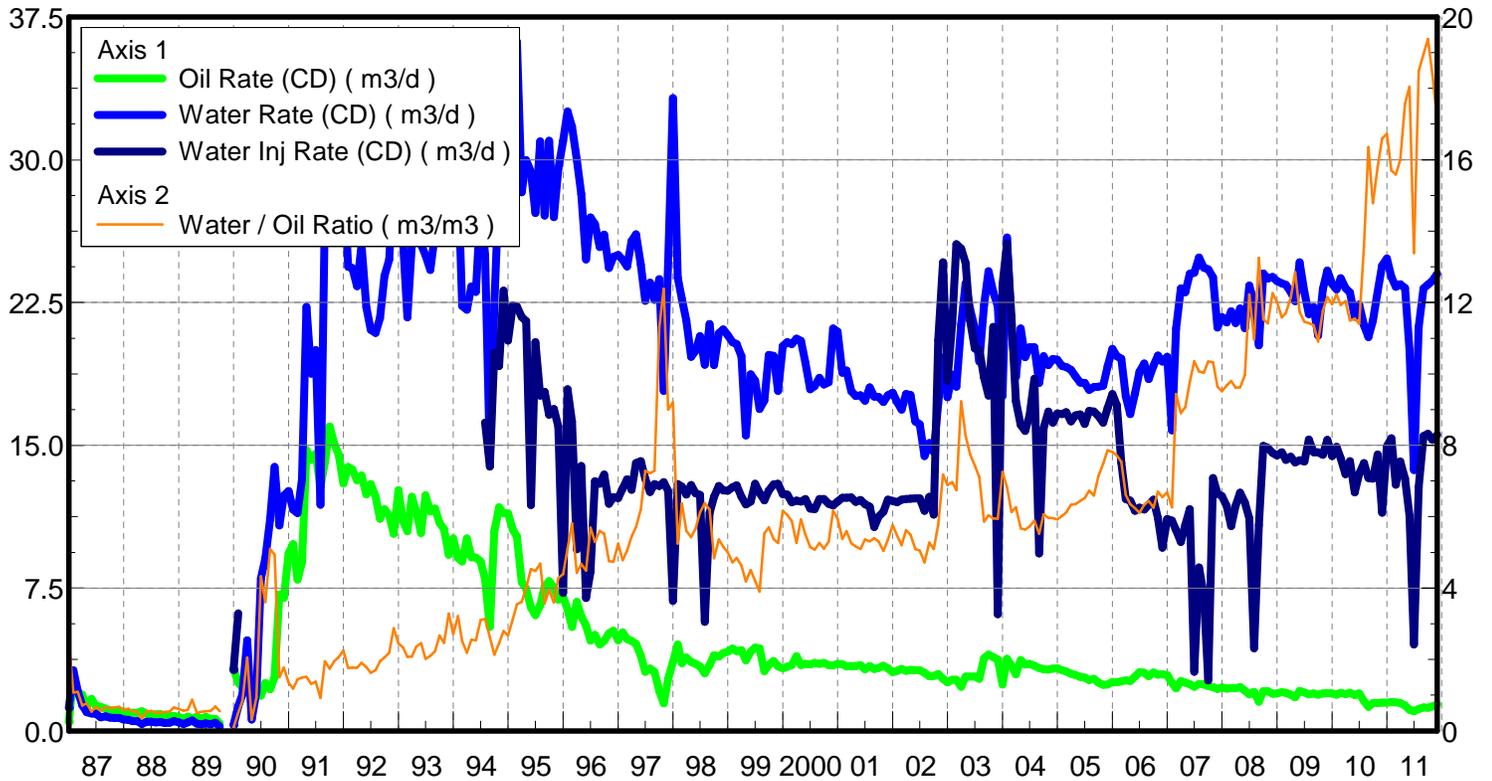
February 20, 2012

Operator: TUNDRA_OIL_&_GAS_LIMITED

Oil Rate (CD) : 1.37 m3/d

Water Rate (CD) : 24.06 m3/d

Water Inj Rate (CD) : 16.05 m3/d



Date

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 Replacemnt 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	2.569	0.093
1/31/1990	2.53	1.30	0.51	6.18	1.22	0.77	0.29	3.043	0.258
2/28/1990	2.26	1.91	0.84		1.29	0.83	0.29	0.000	0.243
3/31/1990	2.32	4.76	2.06		1.36	0.97	0.29	0.000	0.213
4/30/1990	1.91	0.59	0.31		1.42	0.99	0.29	0.000	0.207
5/31/1990	2.17	2.05	0.94		1.48	1.06	0.29	0.000	0.196
6/30/1990	1.85	8.01	4.33		1.54	1.30	0.29	0.000	0.167
7/31/1990	2.51	9.06	3.61		1.62	1.58	0.29	0.000	0.142
8/31/1990	2.18	11.13	5.10		1.68	1.92	0.29	0.000	0.121
9/30/1990	2.81	13.87	4.93		1.77	2.34	0.29	0.000	0.102
10/31/1990	7.17	10.79	1.50		1.99	2.67	0.29	0.000	0.090
11/30/1990	6.98	12.36	1.77		2.20	3.04	0.29	0.000	0.079
12/31/1990	9.32	12.59	1.35		2.49	3.43	0.29	0.000	0.070
1/31/1991	9.80	11.62	1.19		2.79	3.79	0.29	0.000	0.063

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
2/28/1991	7.94	11.44	1.44		3.01	4.11	0.29	0.000	0.058
3/31/1991	8.85	13.21	1.49		3.29	4.52	0.29	0.000	0.053
4/30/1991	14.76	22.28	1.51		3.73	5.19	0.29	0.000	0.046
5/31/1991	14.23	18.75	1.32		4.17	5.77	0.29	0.000	0.042
6/30/1991	14.54	20.01	1.38		4.61	6.37	0.29	0.000	0.038
7/31/1991	12.82	11.88	0.93		5.01	6.74	0.29	0.000	0.036
8/31/1991	14.12	27.47	1.95		5.44	7.59	0.29	0.000	0.032
9/30/1991	15.99	27.94	1.75		5.92	8.43	0.29	0.000	0.029
10/31/1991	15.10	29.38	1.95		6.39	9.34	0.29	0.000	0.026
11/30/1991	14.54	30.01	2.06		6.83	10.24	0.29	0.000	0.024
12/31/1991	13.00	29.29	2.25		7.23	11.15	0.29	0.000	0.022
1/31/1992	13.86	24.38	1.76		7.66	11.91	0.29	0.000	0.021
2/29/1992	13.73	24.31	1.77		8.06	12.61	0.29	0.000	0.019
3/31/1992	13.16	23.35	1.77		8.47	13.34	0.29	0.000	0.018
4/30/1992	13.41	25.52	1.90		8.87	14.10	0.29	0.000	0.017
5/31/1992	12.43	22.25	1.79		9.25	14.79	0.29	0.000	0.017
6/30/1992	12.96	21.06	1.63		9.64	15.42	0.29	0.000	0.016
7/31/1992	12.31	20.89	1.70		10.02	16.07	0.29	0.000	0.015
8/31/1992	11.14	21.68	1.95		10.37	16.74	0.29	0.000	0.015
9/30/1992	11.64	23.89	2.05		10.72	17.46	0.29	0.000	0.014
10/31/1992	11.31	24.77	2.19		11.07	18.23	0.29	0.000	0.014
11/30/1992	10.35	29.75	2.87		11.38	19.12	0.29	0.000	0.013
12/31/1992	12.65	30.93	2.45		11.77	20.08	0.29	0.000	0.012
1/31/1993	11.03	25.82	2.34		12.11	20.88	0.29	0.000	0.012
2/28/1993	10.49	21.72	2.07		12.41	21.49	0.29	0.000	0.012
3/31/1993	12.29	25.56	2.08		12.79	22.28	0.29	0.000	0.011
4/30/1993	11.50	27.18	2.36		13.13	23.10	0.29	0.000	0.011
5/31/1993	10.38	25.54	2.46		13.46	23.89	0.29	0.000	0.010
6/30/1993	12.38	24.98	2.02		13.83	24.64	0.29	0.000	0.010
7/31/1993	11.53	24.21	2.10		14.18	25.39	0.29	0.000	0.010
8/31/1993	11.68	26.14	2.24		14.55	26.20	0.29	0.000	0.010
9/30/1993	10.92	29.13	2.67		14.87	27.07	0.29	0.000	0.009
10/31/1993	10.61	26.16	2.47		15.20	27.88	0.29	0.000	0.009
11/30/1993	9.25	30.38	3.28		15.48	28.79	0.29	0.000	0.009
12/31/1993	10.10	27.41	2.71		15.79	29.64	0.29	0.000	0.009
1/31/1994	9.08	29.16	3.21		16.08	30.55	0.29	0.000	0.008
2/28/1994	8.90	22.32	2.51		16.32	31.17	0.29	0.000	0.008
3/31/1994	10.11	22.13	2.19		16.64	31.86	0.29	0.000	0.008
4/30/1994	9.13	23.34	2.56		16.91	32.56	0.29	0.000	0.008
5/31/1994	9.10	23.06	2.53		17.19	33.27	0.29	0.000	0.008
6/30/1994	8.90	27.66	3.11		17.46	34.10	0.29	0.000	0.007
7/31/1994	7.97	25.00	3.14	16.19	17.71	34.88	0.79	0.593	0.020
8/31/1994	5.45	14.30	2.62	13.87	17.88	35.32	1.22	0.874	0.030
9/30/1994	10.46	22.34	2.13	19.87	18.19	35.99	1.82	0.783	0.044
10/31/1994	11.75	28.86	2.46	19.16	18.56	36.89	2.41	0.594	0.057
11/30/1994	11.43	31.94	2.79	23.12	18.90	37.84	3.11	0.656	0.072
12/31/1994	11.42	30.47	2.67	20.50	19.25	38.79	3.74	0.607	0.084
1/31/1995	10.57	33.03	3.12	22.35	19.58	39.81	4.43	0.619	0.098

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	0.569	0.109
3/31/1995	7.82	28.28	3.62	21.73	20.11	41.70	5.73	0.711	0.121
4/30/1995	7.47	29.97	4.01	21.52	20.33	42.60	6.38	0.670	0.132
5/31/1995	6.48	29.35	4.53	11.85	20.53	43.51	6.75	0.380	0.136
6/30/1995	6.07	27.21	4.48	20.42	20.72	44.33	7.36	0.705	0.146
7/31/1995	6.60	30.96	4.69	17.62	20.92	45.29	7.90	0.536	0.154
8/31/1995	7.58	27.07	3.57	17.82	21.15	46.13	8.46	0.609	0.162
9/30/1995	7.86	30.99	3.94	16.60	21.39	47.06	8.95	0.499	0.168
10/31/1995	7.51	26.98	3.59	16.91	21.62	47.89	9.48	0.580	0.175
11/30/1995	6.89	29.52	4.28	15.99	21.83	48.78	9.96	0.508	0.181
12/31/1995	7.05	30.99	4.40	7.25	22.05	49.74	10.18	0.220	0.181
1/31/1996	6.38	32.54	5.10	17.94	22.25	50.75	10.74	0.522	0.188
2/29/1996	5.46	31.74	5.81	16.24	22.40	51.67	11.21	0.488	0.193
3/31/1996	6.78	30.02	4.43	9.53	22.61	52.60	11.51	0.298	0.195
4/30/1996	6.03	28.21	4.68	13.92	22.80	53.45	11.92	0.465	0.199
5/31/1996	5.52	24.76	4.49	6.97	22.97	54.21	12.14	0.265	0.199
6/30/1996	4.74	26.98	5.70	8.34	23.11	55.02	12.39	0.294	0.201
7/31/1996	5.03	26.61	5.29	13.12	23.27	55.85	12.80	0.467	0.204
8/31/1996	4.54	25.42	5.60	12.99	23.41	56.64	13.20	0.486	0.208
9/30/1996	4.72	26.06	5.52	13.47	23.55	57.42	13.60	0.491	0.212
10/31/1996	5.12	24.32	4.75	11.92	23.71	58.17	13.97	0.462	0.215
11/30/1996	5.25	24.90	4.74	12.28	23.86	58.92	14.34	0.465	0.218
12/31/1996	4.76	25.00	5.25	12.22	24.01	59.69	14.72	0.463	0.221
1/31/1997	5.17	24.74	4.79	12.73	24.17	60.46	15.11	0.485	0.224
2/28/1997	4.83	24.39	5.05	13.21	24.31	61.14	15.48	0.512	0.227
3/31/1997	4.73	25.73	5.44	12.66	24.45	61.94	15.88	0.467	0.230
4/30/1997	4.57	26.08	5.71	14.07	24.59	62.72	16.30	0.514	0.233
5/31/1997	3.95	24.49	6.20	14.17	24.71	63.48	16.74	0.553	0.237
6/30/1997	3.10	22.58	7.28	13.25	24.81	64.16	17.14	0.564	0.240
7/31/1997	3.26	23.55	7.22	12.55	24.91	64.89	17.53	0.512	0.243
8/31/1997	3.11	22.65	7.29	12.96	25.00	65.59	17.93	0.550	0.246
9/30/1997	2.10	23.73	11.30	12.86	25.07	66.30	18.31	0.528	0.249
10/31/1997	1.44	17.85	12.38	13.06	25.11	66.86	18.72	0.715	0.253
11/30/1997	2.74	24.66	9.00	12.59	25.19	67.60	19.10	0.495	0.255
12/31/1997	3.61	33.24	9.20	6.84	25.30	68.63	19.31	0.199	0.254
1/31/1998	4.54	23.81	5.25	12.95	25.45	69.37	19.71	0.516	0.257
2/28/1998	3.56	22.70	6.37	12.83	25.55	70.00	20.07	0.541	0.259
3/31/1998	3.85	21.55	5.60	12.41	25.66	70.67	20.45	0.548	0.262
4/30/1998	3.62	19.65	5.43	12.91	25.77	71.26	20.84	0.624	0.265
5/31/1998	3.52	19.97	5.67	12.47	25.88	71.88	21.23	0.594	0.267
6/30/1998	3.39	20.74	6.12	12.40	25.98	72.50	21.60	0.571	0.270
7/31/1998	3.02	19.23	6.37	5.72	26.08	73.10	21.78	0.285	0.270
8/31/1998	3.45	21.37	6.20	11.45	26.18	73.76	22.13	0.512	0.272
9/30/1998	3.97	19.21	4.84	12.30	26.30	74.34	22.50	0.604	0.275
10/31/1998	3.90	20.89	5.36	12.85	26.42	74.98	22.90	0.584	0.277
11/30/1998	4.09	21.09	5.16	12.63	26.55	75.62	23.28	0.567	0.279
12/31/1998	4.15	20.79	5.01	12.61	26.68	76.26	23.67	0.573	0.282
1/31/1999	4.33	20.42	4.72	12.79	26.81	76.89	24.06	0.590	0.284

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	0.599	0.287
3/31/1999	4.25	19.68	4.64	12.30	27.06	78.07	24.81	0.588	0.289
4/30/1999	3.71	15.52	4.18	11.90	27.17	78.54	25.16	0.717	0.291
5/31/1999	4.15	18.72	4.51	12.05	27.30	79.12	25.54	0.605	0.293
6/30/1999	4.38	18.39	4.20	12.98	27.43	79.67	25.93	0.661	0.296
7/31/1999	4.34	16.91	3.90	12.50	27.56	80.19	26.31	0.688	0.298
8/31/1999	3.14	17.36	5.53	12.11	27.66	80.73	26.69	0.663	0.301
9/30/1999	3.46	19.75	5.70	12.63	27.77	81.32	27.07	0.609	0.303
10/31/1999	3.67	19.71	5.37	12.95	27.88	81.94	27.47	0.624	0.305
11/30/1999	3.39	17.87	5.27	12.98	27.98	82.47	27.86	0.688	0.308
12/31/1999	3.28	20.22	6.16	12.44	28.08	83.10	28.25	0.587	0.310
1/31/2000	3.37	20.42	6.05	12.42	28.19	83.73	28.63	0.580	0.312
2/29/2000	3.46	20.32	5.88	12.01	28.29	84.32	28.98	0.563	0.313
3/31/2000	3.91	20.59	5.26	12.09	28.41	84.96	29.35	0.556	0.315
4/30/2000	3.46	20.48	5.93	12.05	28.51	85.57	29.71	0.561	0.317
5/31/2000	3.52	19.34	5.49	12.18	28.62	86.17	30.09	0.598	0.319
6/30/2000	3.49	17.94	5.15	11.68	28.73	86.71	30.44	0.616	0.320
7/31/2000	3.57	18.11	5.08	11.64	28.84	87.27	30.80	0.608	0.322
8/31/2000	3.52	18.54	5.26	12.18	28.95	87.85	31.18	0.623	0.324
9/30/2000	3.57	18.19	5.10	12.17	29.05	88.39	31.55	0.633	0.326
10/31/2000	3.45	18.31	5.30	11.93	29.16	88.96	31.92	0.618	0.328
11/30/2000	3.43	21.14	6.16	11.84	29.26	89.59	32.27	0.535	0.329
12/31/2000	3.53	20.96	5.95	12.04	29.37	90.24	32.64	0.548	0.331
1/31/2001	3.50	18.81	5.38	12.25	29.48	90.83	33.02	0.618	0.332
2/28/2001	3.39	18.93	5.59	12.24	29.58	91.36	33.37	0.615	0.334
3/31/2001	3.40	17.84	5.25	12.26	29.68	91.91	33.75	0.651	0.336
4/30/2001	3.40	17.59	5.17	12.02	29.78	92.44	34.11	0.647	0.338
5/31/2001	3.46	17.63	5.10	12.13	29.89	92.98	34.48	0.651	0.339
6/30/2001	3.23	17.35	5.37	11.91	29.99	93.51	34.84	0.652	0.341
7/31/2001	3.40	18.05	5.31	11.78	30.09	94.06	35.21	0.619	0.343
8/31/2001	3.25	17.56	5.40	10.71	30.19	94.61	35.54	0.579	0.344
9/30/2001	3.31	17.54	5.30	11.26	30.29	95.14	35.88	0.609	0.345
10/31/2001	3.43	17.27	5.04	11.51	30.40	95.67	36.23	0.630	0.347
11/30/2001	3.29	17.63	5.36	12.14	30.50	96.20	36.60	0.653	0.348
12/31/2001	3.08	17.76	5.77	12.08	30.59	96.75	36.97	0.648	0.350
1/31/2002	3.16	17.28	5.47	12.01	30.69	97.29	37.34	0.660	0.352
2/28/2002	3.25	16.88	5.20	12.14	30.78	97.76	37.68	0.681	0.353
3/31/2002	3.15	17.69	5.62	12.18	30.88	98.31	38.06	0.655	0.355
4/30/2002	3.21	17.65	5.50	12.19	30.98	98.84	38.43	0.656	0.356
5/31/2002	3.19	16.25	5.09	12.21	31.07	99.34	38.81	0.711	0.358
6/30/2002	3.19	16.10	5.05	12.21	31.17	99.82	39.17	0.717	0.360
7/31/2002	3.06	14.44	4.72	11.56	31.27	100.27	39.53	0.755	0.362
8/31/2002	2.87	15.12	5.27	12.30	31.35	100.74	39.91	0.771	0.363
9/30/2002	2.88	14.65	5.09	11.35	31.44	101.18	40.25	0.733	0.365
10/31/2002	2.98	17.21	5.77	20.51	31.53	101.71	40.89	1.135	0.369
11/30/2002	2.73	19.61	7.18	24.61	31.61	102.30	41.63	1.206	0.374
12/31/2002	2.55	17.53	6.89	18.37	31.69	102.84	42.20	1.006	0.377
1/31/2003	2.68	18.71	6.97	21.42	31.78	103.42	42.86	1.099	0.381

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	1.356	0.385
3/31/2003	2.31	21.32	9.23	25.33	31.92	104.59	44.36	1.152	0.390
4/30/2003	2.84	23.52	8.27	24.57	32.01	105.30	45.10	1.010	0.394
5/31/2003	2.86	22.16	7.75	21.55	32.10	105.98	45.77	0.938	0.397
6/30/2003	2.84	21.14	7.43	20.08	32.18	106.62	46.37	0.914	0.400
7/31/2003	2.73	19.40	7.11	20.01	32.27	107.22	46.99	0.991	0.403
8/31/2003	3.82	22.36	5.86	18.55	32.39	107.91	47.56	0.791	0.406
9/30/2003	4.00	24.14	6.04	17.61	32.51	108.64	48.09	0.696	0.407
10/31/2003	3.87	23.04	5.95	21.21	32.63	109.35	48.75	0.878	0.410
11/30/2003	3.75	22.30	5.94	6.13	32.74	110.02	48.93	0.262	0.410
12/31/2003	2.43	17.59	7.25	23.45	32.81	110.57	49.66	1.282	0.414
1/31/2004	3.79	25.91	6.83	25.59	32.93	111.37	50.45	0.947	0.417
2/29/2004	3.44	21.08	6.13	21.76	33.03	111.98	51.08	0.986	0.420
3/31/2004	2.97	18.59	6.27	17.32	33.12	112.56	51.62	0.890	0.423
4/30/2004	3.72	21.14	5.68	16.08	33.23	113.19	52.10	0.724	0.424
5/31/2004	3.48	19.63	5.64	15.75	33.34	113.80	52.59	0.763	0.426
6/30/2004	3.52	20.15	5.73	16.57	33.45	114.40	53.09	0.783	0.428
7/31/2004	3.42	20.15	5.89	18.50	33.55	115.03	53.66	0.875	0.430
8/31/2004	3.31	18.27	5.52	9.32	33.66	115.59	53.95	0.484	0.430
9/30/2004	3.24	19.68	6.07	15.90	33.75	116.19	54.43	0.771	0.432
10/31/2004	3.22	19.21	5.97	16.77	33.85	116.78	54.95	0.833	0.434
11/30/2004	3.28	19.53	5.96	16.19	33.95	117.37	55.43	0.790	0.436
12/31/2004	3.29	19.50	5.93	16.67	34.05	117.97	55.95	0.815	0.438
1/31/2005	3.18	19.17	6.02	16.65	34.15	118.57	56.47	0.829	0.440
2/28/2005	3.13	19.12	6.12	16.73	34.24	119.10	56.94	0.836	0.441
3/31/2005	2.99	18.95	6.33	16.26	34.33	119.69	57.44	0.820	0.443
4/30/2005	2.93	18.62	6.35	16.58	34.42	120.25	57.94	0.851	0.445
5/31/2005	2.84	18.30	6.44	16.63	34.51	120.81	58.45	0.870	0.447
6/30/2005	2.80	18.28	6.52	16.13	34.59	121.36	58.94	0.845	0.449
7/31/2005	2.66	17.91	6.73	16.80	34.68	121.92	59.46	0.900	0.451
8/31/2005	2.74	18.05	6.59	16.78	34.76	122.48	59.98	0.890	0.453
9/30/2005	2.53	18.08	7.14	16.55	34.84	123.02	60.47	0.879	0.454
10/31/2005	2.42	18.12	7.48	16.18	34.91	123.58	60.98	0.860	0.456
11/30/2005	2.44	19.15	7.86	16.95	34.98	124.16	61.48	0.854	0.458
12/31/2005	2.57	20.07	7.82	17.69	35.06	124.78	62.03	0.850	0.460
1/31/2006	2.55	19.68	7.71	17.11	35.14	125.39	62.56	0.838	0.462
2/28/2006	2.59	19.55	7.54	14.09	35.22	125.94	62.96	0.694	0.463
3/31/2006	2.66	17.57	6.61	12.17	35.30	126.48	63.33	0.664	0.463
4/30/2006	2.62	16.64	6.35	12.10	35.38	126.98	63.70	0.695	0.464
5/31/2006	2.85	17.73	6.23	11.56	35.47	127.53	64.06	0.623	0.465
6/30/2006	3.09	18.86	6.11	11.73	35.56	128.10	64.41	0.594	0.465
7/31/2006	3.05	19.30	6.33	11.62	35.65	128.69	64.77	0.576	0.466
8/31/2006	2.87	18.48	6.45	11.87	35.74	129.27	65.14	0.615	0.467
9/30/2006	3.07	19.19	6.25	12.14	35.83	129.84	65.50	0.605	0.467
10/31/2006	2.95	19.72	6.70	11.18	35.92	130.45	65.85	0.543	0.468
11/30/2006	2.96	19.40	6.55	9.62	36.01	131.04	66.14	0.475	0.468
12/31/2006	2.94	19.64	6.68	11.13	36.10	131.64	66.48	0.543	0.468
1/31/2007	2.52	15.78	6.27	11.05	36.18	132.13	66.82	0.669	0.469

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	0.484	0.469
3/31/2007	2.61	23.25	8.90	9.91	36.33	133.45	67.43	0.413	0.468
4/30/2007	2.54	23.05	9.07	10.82	36.40	134.14	67.75	0.455	0.468
5/31/2007	2.46	24.01	9.77	11.64	36.48	134.88	68.11	0.471	0.468
6/30/2007	2.32	24.06	10.36	3.10	36.55	135.60	68.20	0.125	0.467
7/31/2007	2.47	24.86	10.07	8.58	36.63	136.37	68.47	0.335	0.466
8/31/2007	2.43	24.33	10.03	7.16	36.70	137.13	68.69	0.286	0.465
9/30/2007	2.34	24.24	10.34	2.64	36.77	137.86	68.77	0.106	0.463
10/31/2007	2.31	23.82	10.33	13.28	36.84	138.59	69.18	0.542	0.464
11/30/2007	2.20	21.18	9.64	12.46	36.91	139.23	69.56	0.571	0.464
12/31/2007	2.28	21.74	9.52	12.34	36.98	139.90	69.94	0.551	0.464
1/31/2008	2.22	21.45	9.68	11.82	37.05	140.57	70.31	0.535	0.465
2/29/2008	2.25	22.03	9.80	10.76	37.11	141.21	70.62	0.474	0.465
3/31/2008	2.23	21.43	9.61	11.83	37.18	141.87	70.98	0.536	0.465
4/30/2008	2.31	22.19	9.62	12.51	37.25	142.54	71.36	0.547	0.465
5/31/2008	2.12	21.15	9.96	11.99	37.32	143.19	71.73	0.551	0.466
6/30/2008	1.91	23.40	12.23	11.16	37.37	143.89	72.07	0.466	0.466
7/31/2008	2.05	22.45	10.96	4.34	37.44	144.59	72.20	0.188	0.465
8/31/2008	1.53	20.26	13.25	10.80	37.48	145.22	72.54	0.522	0.465
9/30/2008	2.08	24.02	11.53	14.96	37.55	145.94	72.98	0.608	0.465
10/31/2008	2.08	23.75	11.42	14.87	37.61	146.68	73.45	0.611	0.466
11/30/2008	1.94	23.84	12.27	14.60	37.67	147.39	73.88	0.598	0.467
12/31/2008	1.97	23.63	12.01	14.47	37.73	148.12	74.33	0.598	0.467
1/31/2009	2.03	23.51	11.59	14.63	37.79	148.85	74.79	0.607	0.468
2/28/2009	2.00	23.42	11.71	14.24	37.85	149.51	75.18	0.593	0.469
3/31/2009	1.90	23.06	12.14	14.40	37.91	150.22	75.63	0.610	0.469
4/30/2009	1.76	22.57	12.85	14.10	37.96	150.90	76.05	0.611	0.470
5/31/2009	2.10	24.61	11.74	14.22	38.03	151.66	76.49	0.564	0.470
6/30/2009	2.01	23.03	11.46	14.15	38.09	152.35	76.92	0.599	0.471
7/31/2009	1.92	21.89	11.42	15.31	38.15	153.03	77.39	0.682	0.472
8/31/2009	1.96	22.25	11.36	14.64	38.21	153.72	77.85	0.642	0.472
9/30/2009	1.90	20.76	10.91	14.64	38.26	154.34	78.29	0.687	0.473
10/31/2009	1.97	23.21	11.78	14.50	38.33	155.06	78.74	0.610	0.474
11/30/2009	1.99	24.18	12.15	15.29	38.39	155.79	79.20	0.618	0.475
12/31/2009	1.96	23.47	11.95	14.43	38.45	156.52	79.64	0.600	0.475
1/31/2010	1.90	23.20	12.23	14.92	38.50	157.24	80.11	0.628	0.476
2/28/2010	1.99	23.78	11.93	14.31	38.56	157.90	80.51	0.588	0.476
3/31/2010	1.93	23.26	12.04	13.47	38.62	158.62	80.92	0.566	0.477
4/30/2010	2.00	23.03	11.49	14.16	38.68	159.31	81.35	0.600	0.477
5/31/2010	1.88	21.75	11.55	12.52	38.74	159.99	81.74	0.562	0.477
6/30/2010	1.96	22.39	11.40	13.50	38.80	160.66	82.14	0.588	0.478
7/31/2010	1.57	21.31	13.56	14.07	38.85	161.32	82.58	0.647	0.479
8/31/2010	1.26	20.68	16.35	13.28	38.89	161.96	82.99	0.631	0.479
9/30/2010	1.46	21.54	14.79	13.24	38.93	162.61	83.39	0.603	0.480
10/31/2010	1.46	23.08	15.79	14.51	38.97	163.32	83.84	0.618	0.480
11/30/2010	1.47	24.44	16.59	11.46	39.02	164.06	84.18	0.461	0.480
12/31/2010	1.48	24.82	16.73	14.95	39.06	164.83	84.64	0.592	0.481
1/31/2011	1.52	23.85	15.70	15.36	39.11	165.57	85.12	0.633	0.481

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 Replacemnt Ratio
2/28/2011	1.50	23.32	15.59	12.93	39.15	166.22	85.48	0.544	0.481
3/31/2011	1.47	23.46	15.99	14.15	39.20	166.95	85.92	0.592	0.482
4/30/2011	1.32	23.25	17.57	13.25	39.24	167.64	86.32	0.561	0.482
5/31/2011	1.11	20.02	18.04	11.31	39.27	168.26	86.67	0.556	0.483
6/30/2011	1.02	13.69	13.38	4.54	39.30	168.68	86.81	0.325	0.482
7/31/2011	1.15	21.23	18.49	12.83	39.34	169.33	87.20	0.595	0.483
8/31/2011	1.23	23.24	18.96	15.48	39.38	170.05	87.68	0.656	0.483
9/30/2011	1.21	23.44	19.38	15.60	39.41	170.76	88.15	0.656	0.484
10/31/2011	1.29	23.64	18.39	15.29	39.45	171.49	88.62	0.637	0.485
11/30/2011	1.40	24.01	17.10	15.56	39.50	172.21	89.09	0.637	0.485
12/31/2011	1.37	24.06	17.53	16.05	39.54	172.96	89.59	0.656	0.486

Pattern: 00/08-14-010-29 Set: North Ebor Unit # 2

Oil Formation Vol. Factor : 1.05 m3/m3

Water Formation Vol Factor : 1.00 m3/m3

Water / Oil Ratio : 6.29 m3/m3

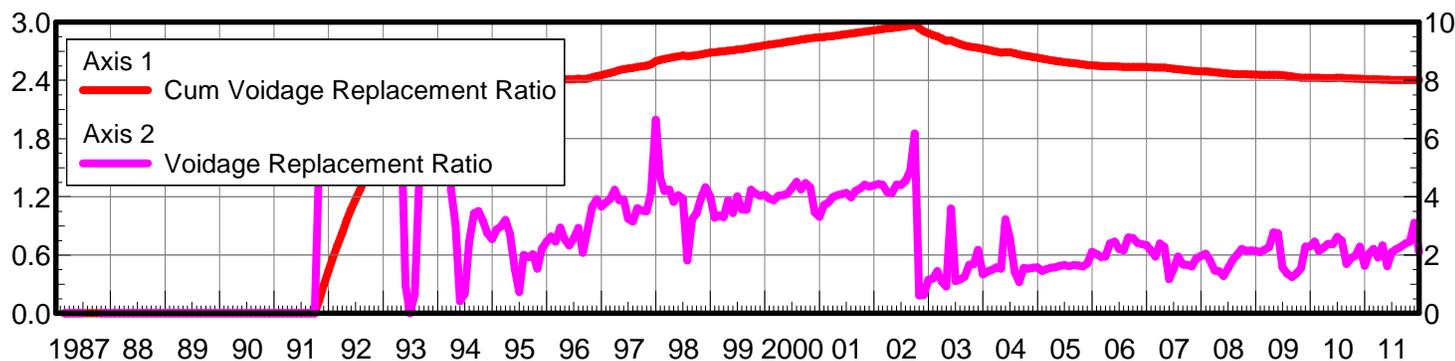
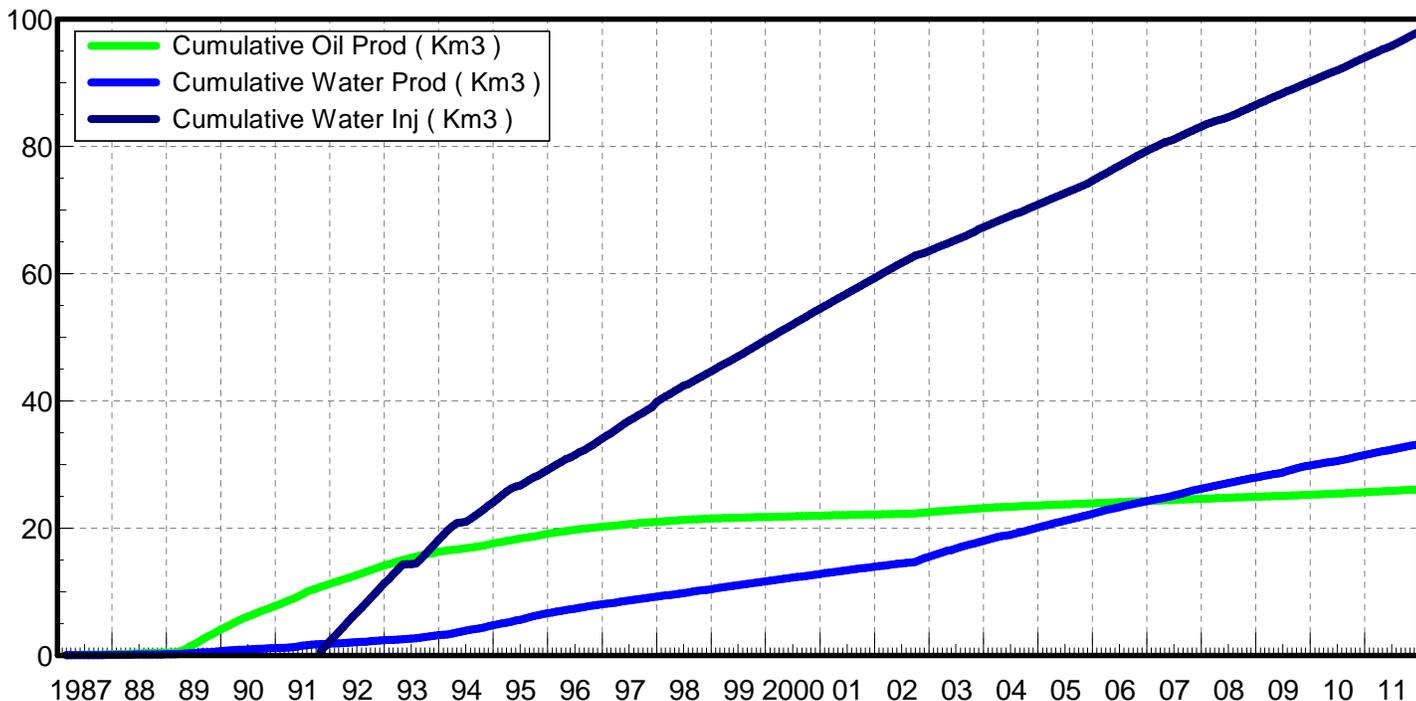
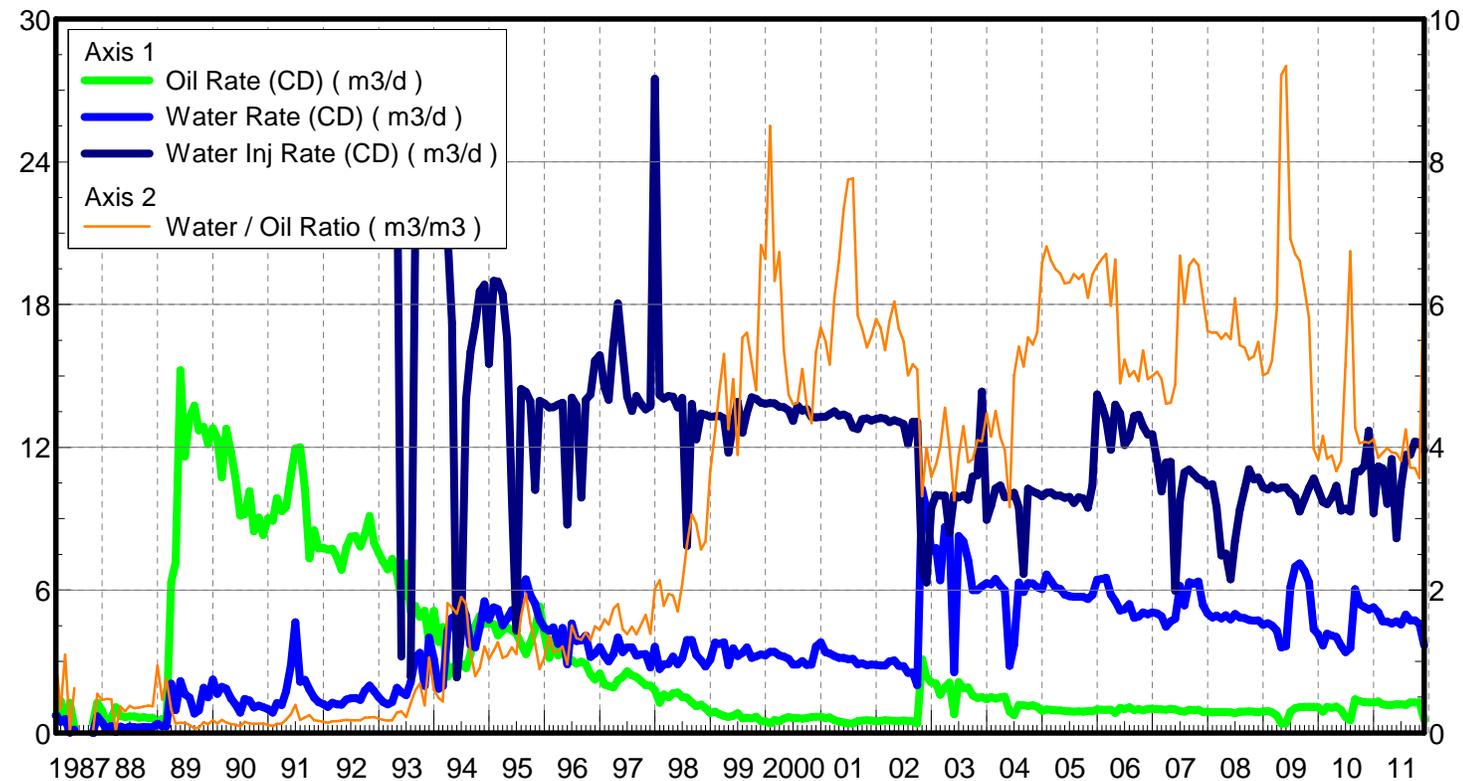
February 20, 2012

Operator: TUNDRA_OIL_&_GAS_LIMITED

Oil Rate (CD) : 0.82 m3/d

Water Rate (CD) : 5.13 m3/d

Water Inj Rate (CD) : 11.30 m3/d



Date

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 Replacemnt 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	5.465	0.137
11/30/1991	7.75	1.29	0.17	25.91	11.01	1.81	1.45	7.340	0.290
12/31/1991	7.77	1.21	0.16	25.02	11.25	1.85	2.22	7.236	0.436
1/31/1992	7.70	1.10	0.14	24.66	11.49	1.88	2.99	7.423	0.574
2/29/1992	7.73	1.27	0.16	25.23	11.71	1.92	3.72	7.206	0.701
3/31/1992	7.36	1.20	0.16	24.62	11.94	1.95	4.48	7.404	0.829
4/30/1992	6.85	1.19	0.17	26.27	12.15	1.99	5.27	8.294	0.958
5/31/1992	7.79	1.40	0.18	24.39	12.39	2.03	6.03	6.673	1.073
6/30/1992	8.25	1.45	0.18	23.37	12.63	2.08	6.73	6.088	1.174
7/31/1992	8.27	1.46	0.18	24.32	12.89	2.12	7.48	6.306	1.279
8/31/1992	7.83	1.39	0.18	25.07	13.13	2.17	8.26	6.867	1.385
9/30/1992	8.33	1.77	0.21	24.33	13.38	2.22	8.99	5.820	1.476
10/31/1992	9.12	1.98	0.22	25.62	13.67	2.28	9.78	5.548	1.569
11/30/1992	7.99	1.76	0.22	25.46	13.91	2.33	10.55	6.261	1.660
12/31/1992	7.55	1.49	0.20	25.54	14.14	2.38	11.34	6.960	1.753
1/31/1993	7.18	1.30	0.18	21.93	14.36	2.42	12.02	6.498	1.828
2/28/1993	6.86	1.19	0.17	25.24	14.55	2.45	12.72	7.943	1.910
3/31/1993	7.31	1.29	0.18	25.10	14.78	2.49	13.50	7.378	1.995
4/30/1993	6.67	1.89	0.28	25.01	14.98	2.55	14.25	6.554	2.071
5/31/1993	5.66	1.70	0.30	3.20	15.16	2.60	14.35	0.957	2.054
6/30/1993	7.12	1.58	0.22		15.37	2.65	14.35	0.000	2.023
7/31/1993	5.11	2.11	0.41	2.38	15.53	2.71	14.43	0.663	2.002
8/31/1993	5.33	3.18	0.60	21.65	15.69	2.81	15.10	4.585	2.053
9/30/1993	4.87	3.36	0.69	25.54	15.84	2.91	15.86	5.352	2.116
10/31/1993	5.12	1.98	0.39	25.26	16.00	2.98	16.65	7.302	2.189
11/30/1993	3.80	4.01	1.06	25.13	16.11	3.10	17.40	4.919	2.243
12/31/1993	5.12	3.09	0.60	25.04	16.27	3.19	18.18	5.472	2.301
1/31/1994	3.81	1.85	0.49	24.71	16.39	3.25	18.94	8.354	2.371
2/28/1994	4.45	1.95	0.44	24.81	16.51	3.30	19.64	7.654	2.430
3/31/1994	2.35	4.27	1.82	20.96	16.59	3.44	20.29	4.229	2.464
4/30/1994	2.76	4.84	1.76	17.22	16.67	3.58	20.80	3.054	2.476
5/31/1994	2.83	4.72	1.67	2.33	16.76	3.73	20.87	0.420	2.434
6/30/1994	2.90	5.51	1.90	4.24	16.84	3.89	21.00	0.668	2.396
7/31/1994	2.72	4.91	1.81	14.01	16.93	4.05	21.44	2.460	2.397
8/31/1994	3.30	3.70	1.12	15.99	17.03	4.16	21.93	3.434	2.414
9/30/1994	4.51	3.59	0.80	17.15	17.17	4.27	22.45	3.508	2.431
10/31/1994	4.90	4.44	0.91	18.55	17.32	4.41	23.02	3.170	2.445
11/30/1994	4.58	5.54	1.21	18.83	17.46	4.57	23.59	2.745	2.452
12/31/1994	4.60	4.76	1.04	15.50	17.60	4.72	24.07	2.545	2.454
1/31/1995	4.57	5.27	1.15	18.99	17.74	4.88	24.66	2.880	2.462
2/28/1995	4.10	5.19	1.27	18.96	17.85	5.03	25.19	2.973	2.471
3/31/1995	4.30	4.52	1.05	18.45	17.99	5.17	25.76	3.203	2.484
4/30/1995	4.44	4.79	1.08	16.56	18.12	5.31	26.26	2.726	2.488

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	1.532	2.470
6/30/1995	4.18	4.62	1.10	4.30	18.38	5.61	26.69	0.738	2.443
7/31/1995	3.74	6.14	1.64	14.45	18.50	5.80	27.14	2.002	2.434
8/31/1995	3.32	6.46	1.95	14.32	18.60	6.00	27.58	1.931	2.424
9/30/1995	3.77	5.79	1.53	13.93	18.71	6.17	28.00	2.025	2.417
10/31/1995	4.36	5.42	1.24	10.22	18.85	6.34	28.32	1.529	2.401
11/30/1995	5.31	4.76	0.90	13.95	19.01	6.49	28.73	2.215	2.398
12/31/1995	4.17	4.41	1.06	13.84	19.14	6.62	29.16	2.463	2.399
1/31/1996	3.15	4.28	1.36	13.68	19.23	6.75	29.59	2.634	2.402
2/29/1996	3.91	4.44	1.13	13.69	19.35	6.88	29.98	2.458	2.403
3/31/1996	3.26	3.74	1.15	13.80	19.45	7.00	30.41	2.945	2.409
4/30/1996	3.65	4.41	1.21	13.87	19.56	7.13	30.83	2.537	2.411
5/31/1996	3.01	2.89	0.96	8.76	19.65	7.22	31.10	2.331	2.410
6/30/1996	3.05	4.59	1.51	14.09	19.74	7.36	31.52	2.574	2.412
7/31/1996	2.91	3.85	1.33	13.75	19.83	7.48	31.95	2.929	2.418
8/31/1996	2.98	3.89	1.30	9.89	19.92	7.60	32.26	2.083	2.414
9/30/1996	2.90	4.08	1.41	13.99	20.01	7.72	32.68	2.845	2.419
10/31/1996	2.45	3.19	1.30	14.22	20.09	7.82	33.12	3.650	2.430
11/30/1996	2.24	3.34	1.49	15.63	20.15	7.92	33.59	3.921	2.443
12/31/1996	2.49	3.61	1.45	15.86	20.23	8.03	34.08	3.667	2.454
1/31/1997	2.03	3.23	1.59	14.50	20.29	8.13	34.53	3.804	2.466
2/28/1997	1.98	3.00	1.52	13.99	20.35	8.22	34.92	3.912	2.476
3/31/1997	1.90	3.32	1.74	16.42	20.41	8.32	35.43	4.246	2.491
4/30/1997	2.22	4.00	1.80	18.04	20.48	8.44	35.97	3.886	2.505
5/31/1997	2.34	3.39	1.45	15.95	20.55	8.54	36.46	3.919	2.517
6/30/1997	2.59	3.59	1.39	14.13	20.63	8.65	36.89	3.253	2.523
7/31/1997	2.42	3.60	1.49	13.52	20.70	8.76	37.31	3.147	2.529
8/31/1997	2.35	3.24	1.38	14.15	20.77	8.86	37.74	3.609	2.538
9/30/1997	2.17	3.30	1.52	13.83	20.84	8.96	38.16	3.520	2.546
10/31/1997	2.00	3.31	1.65	13.59	20.90	9.07	38.58	3.498	2.553
11/30/1997	1.98	2.75	1.39	13.73	20.96	9.15	38.99	4.130	2.564
12/31/1997	1.79	3.61	2.01	27.49	21.02	9.26	39.84	6.653	2.598
1/31/1998	1.26	2.69	2.14	14.19	21.06	9.34	40.28	4.652	2.610
2/28/1998	1.62	2.88	1.78	14.05	21.10	9.42	40.68	4.200	2.620
3/31/1998	1.49	2.90	1.94	14.15	21.15	9.51	41.12	4.254	2.631
4/30/1998	1.67	3.21	1.92	14.13	21.20	9.61	41.54	3.826	2.639
5/31/1998	1.69	2.88	1.70	13.67	21.25	9.70	41.96	4.053	2.648
6/30/1998	1.51	3.14	2.08	14.07	21.29	9.79	42.39	3.936	2.657
7/31/1998	1.48	3.90	2.64	7.86	21.34	9.91	42.63	1.817	2.650
8/31/1998	1.27	3.90	3.06	13.82	21.38	10.04	43.06	3.237	2.655
9/30/1998	1.12	3.27	2.93	12.33	21.41	10.13	43.43	3.433	2.660
10/31/1998	1.19	3.05	2.57	13.42	21.45	10.23	43.84	3.956	2.668
11/30/1998	1.04	2.79	2.68	13.37	21.48	10.31	44.25	4.329	2.678
12/31/1998	0.84	3.07	3.67	13.29	21.51	10.41	44.66	4.007	2.686
1/31/1999	0.90	3.79	4.22	13.29	21.54	10.52	45.07	3.285	2.690
2/28/1999	0.78	3.74	4.78	13.32	21.56	10.63	45.44	3.362	2.695
3/31/1999	0.72	3.80	5.31	13.22	21.58	10.75	45.85	3.299	2.699
4/30/1999	0.67	2.84	4.25	11.78	21.60	10.83	46.21	3.888	2.705

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	3.444	2.710
6/30/1999	0.83	3.23	3.89	13.92	21.65	11.04	47.02	4.011	2.718
7/31/1999	0.61	3.36	5.54	12.61	21.67	11.14	47.42	3.570	2.724
8/31/1999	0.64	3.60	5.60	13.45	21.69	11.25	47.83	3.556	2.729
9/30/1999	0.61	3.15	5.19	14.10	21.70	11.35	48.26	4.239	2.738
10/31/1999	0.67	3.22	4.80	14.04	21.72	11.45	48.69	4.113	2.746
11/30/1999	0.48	3.30	6.83	13.88	21.74	11.55	49.11	4.031	2.753
12/31/1999	0.49	3.25	6.64	13.84	21.75	11.65	49.54	4.074	2.761
1/31/2000	0.40	3.40	8.50	13.86	21.77	11.75	49.97	3.943	2.768
2/29/2000	0.54	3.41	6.33	13.85	21.78	11.85	50.37	3.887	2.775
3/31/2000	0.48	3.26	6.73	13.70	21.80	11.95	50.79	4.033	2.782
4/30/2000	0.60	3.20	5.36	13.68	21.81	12.05	51.20	4.057	2.789
5/31/2000	0.66	3.12	4.74	13.56	21.84	12.15	51.62	4.100	2.796
6/30/2000	0.62	2.87	4.60	13.11	21.85	12.23	52.02	4.299	2.804
7/31/2000	0.62	2.86	4.63	13.75	21.87	12.32	52.44	4.518	2.812
8/31/2000	0.59	3.01	5.10	13.54	21.89	12.42	52.86	4.256	2.820
9/30/2000	0.62	2.86	4.58	13.60	21.91	12.50	53.27	4.478	2.828
10/31/2000	0.66	2.87	4.34	13.27	21.93	12.59	53.68	4.335	2.835
11/30/2000	0.68	3.63	5.33	13.26	21.95	12.70	54.08	3.469	2.839
12/31/2000	0.67	3.81	5.68	13.28	21.97	12.82	54.49	3.316	2.842
1/31/2001	0.62	3.40	5.48	13.29	21.99	12.92	54.90	3.717	2.847
2/28/2001	0.65	3.34	5.16	13.39	22.01	13.02	55.28	3.801	2.852
3/31/2001	0.53	3.23	6.10	13.52	22.03	13.12	55.70	3.996	2.858
4/30/2001	0.48	3.15	6.61	13.33	22.04	13.21	56.10	4.053	2.864
5/31/2001	0.43	3.15	7.34	13.38	22.05	13.31	56.51	4.088	2.871
6/30/2001	0.40	3.10	7.75	13.29	22.07	13.40	56.91	4.132	2.877
7/31/2001	0.40	3.11	7.77	12.83	22.08	13.50	57.31	3.981	2.882
8/31/2001	0.49	2.89	5.85	12.76	22.09	13.59	57.70	4.213	2.889
9/30/2001	0.52	2.92	5.66	13.18	22.11	13.67	58.10	4.290	2.895
10/31/2001	0.53	2.84	5.40	13.21	22.12	13.76	58.51	4.418	2.902
11/30/2001	0.52	2.87	5.55	13.13	22.14	13.85	58.90	4.349	2.909
12/31/2001	0.49	2.86	5.80	13.19	22.16	13.94	59.31	4.392	2.915
1/31/2002	0.50	2.84	5.67	13.24	22.17	14.02	59.72	4.441	2.922
2/28/2002	0.53	2.83	5.36	13.20	22.19	14.10	60.09	4.423	2.928
3/31/2002	0.52	3.00	5.77	13.06	22.20	14.20	60.50	4.151	2.934
4/30/2002	0.50	3.04	6.04	13.14	22.22	14.29	60.89	4.125	2.940
5/31/2002	0.50	2.81	5.66	13.08	22.23	14.38	61.30	4.423	2.946
6/30/2002	0.51	2.80	5.48	12.97	22.25	14.46	61.69	4.406	2.952
7/31/2002	0.50	2.52	5.01	12.14	22.26	14.54	62.06	4.555	2.959
8/31/2002	0.49	2.53	5.16	13.07	22.28	14.62	62.47	4.887	2.966
9/30/2002	0.39	2.00	5.09	13.08	22.29	14.68	62.86	6.177	2.976
10/31/2002	3.09	10.24	3.31	6.84	22.39	14.99	63.07	0.614	2.938
11/30/2002	2.35	9.39	3.99	6.32	22.46	15.28	63.26	0.628	2.906
12/31/2002	2.13	7.63	3.59	9.46	22.52	15.51	63.55	1.148	2.886
1/31/2003	2.06	7.76	3.76	10.00	22.59	15.75	63.86	1.196	2.866
2/28/2003	1.60	6.41	4.01	9.97	22.63	15.93	64.14	1.450	2.854
3/31/2003	1.90	8.66	4.55	9.97	22.69	16.20	64.45	1.082	2.832
4/30/2003	2.11	8.44	4.01	8.39	22.75	16.45	64.70	0.926	2.809

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	3.600	2.812
6/30/2003	2.13	8.27	3.88	9.89	22.84	16.78	65.31	1.112	2.793
7/31/2003	1.87	8.05	4.29	9.98	22.90	17.03	65.62	1.162	2.774
8/31/2003	1.91	7.25	3.79	9.80	22.96	17.25	65.92	1.255	2.759
9/30/2003	1.57	6.00	3.83	10.77	23.01	17.43	66.25	1.669	2.750
10/31/2003	1.46	6.00	4.10	10.82	23.05	17.62	66.58	1.683	2.741
11/30/2003	1.51	6.15	4.08	14.34	23.10	17.81	67.01	2.176	2.737
12/31/2003	1.41	6.29	4.47	8.95	23.14	18.00	67.29	1.337	2.725
1/31/2004	1.50	6.24	4.15	9.55	23.19	18.19	67.59	1.432	2.714
2/29/2004	1.43	6.47	4.51	10.28	23.23	18.38	67.88	1.494	2.705
3/31/2004	1.49	6.18	4.14	10.40	23.27	18.57	68.21	1.572	2.695
4/30/2004	1.51	5.99	3.96	9.90	23.32	18.75	68.50	1.539	2.687
5/31/2004	0.89	2.82	3.16	9.92	23.35	18.84	68.81	3.228	2.689
6/30/2004	0.74	3.69	5.01	10.09	23.37	18.95	69.11	2.585	2.688
7/31/2004	1.17	6.32	5.41	9.48	23.41	19.15	69.41	1.424	2.678
8/31/2004	1.15	5.91	5.13	6.68	23.44	19.33	69.61	1.070	2.666
9/30/2004	1.14	6.29	5.54	10.27	23.48	19.52	69.92	1.551	2.658
10/31/2004	1.15	6.28	5.44	10.15	23.51	19.71	70.24	1.534	2.649
11/30/2004	1.09	6.12	5.61	10.06	23.54	19.90	70.54	1.564	2.641
12/31/2004	0.92	6.03	6.58	9.95	23.57	20.08	70.85	1.579	2.634
1/31/2005	0.98	6.66	6.81	10.09	23.60	20.29	71.16	1.454	2.624
2/28/2005	0.96	6.38	6.61	10.10	23.63	20.47	71.44	1.517	2.617
3/31/2005	0.94	6.10	6.50	9.97	23.66	20.66	71.75	1.565	2.609
4/30/2005	0.94	6.05	6.44	9.97	23.69	20.84	72.05	1.578	2.602
5/31/2005	0.92	5.81	6.29	9.88	23.72	21.02	72.36	1.627	2.595
6/30/2005	0.91	5.74	6.31	9.92	23.74	21.19	72.66	1.652	2.589
7/31/2005	0.89	5.72	6.42	9.66	23.77	21.37	72.96	1.617	2.583
8/31/2005	0.90	5.72	6.36	9.90	23.80	21.55	73.26	1.655	2.577
9/30/2005	0.89	5.72	6.42	9.84	23.83	21.72	73.56	1.648	2.571
10/31/2005	0.92	5.62	6.09	9.46	23.85	21.89	73.85	1.606	2.565
11/30/2005	0.90	5.80	6.42	10.38	23.88	22.07	74.16	1.713	2.560
12/31/2005	0.98	6.44	6.54	14.22	23.91	22.27	74.60	2.115	2.556
1/31/2006	0.97	6.47	6.64	13.73	23.94	22.47	75.03	2.035	2.553
2/28/2006	0.97	6.52	6.71	13.18	23.97	22.65	75.40	1.938	2.549
3/31/2006	0.97	5.81	5.98	11.90	24.00	22.83	75.77	1.954	2.545
4/30/2006	0.83	5.53	6.63	13.80	24.02	23.00	76.18	2.392	2.544
5/31/2006	1.05	5.15	4.90	13.42	24.06	23.15	76.60	2.461	2.544
6/30/2006	0.99	5.19	5.22	12.10	24.09	23.31	76.96	2.209	2.542
7/31/2006	1.08	5.41	4.99	12.40	24.12	23.48	77.34	2.165	2.540
8/31/2006	0.95	4.84	5.07	13.31	24.15	23.63	77.76	2.603	2.540
9/30/2006	0.99	4.89	4.93	13.36	24.18	23.78	78.16	2.579	2.540
10/31/2006	0.95	5.06	5.35	12.88	24.21	23.93	78.56	2.414	2.540
11/30/2006	1.01	4.99	4.95	12.53	24.24	24.08	78.93	2.374	2.539
12/31/2006	1.01	5.06	5.00	12.55	24.27	24.24	79.32	2.343	2.538
1/31/2007	0.99	5.03	5.06	11.45	24.30	24.39	79.68	2.155	2.536
2/28/2007	0.99	4.91	4.96	10.15	24.33	24.53	79.96	1.954	2.533
3/31/2007	0.97	4.46	4.61	11.36	24.36	24.67	80.31	2.394	2.532
4/30/2007	1.01	4.69	4.63	11.39	24.39	24.81	80.65	2.287	2.531

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	1.175	2.524
6/30/2007	0.92	6.17	6.68	9.79	24.45	25.14	81.13	1.520	2.518
7/31/2007	0.89	5.35	6.01	10.94	24.48	25.31	81.47	1.950	2.515
8/31/2007	0.97	6.34	6.55	11.06	24.51	25.51	81.82	1.671	2.510
9/30/2007	0.94	6.26	6.64	10.88	24.53	25.69	82.14	1.666	2.505
10/31/2007	0.97	6.36	6.55	10.67	24.56	25.89	82.47	1.607	2.499
11/30/2007	0.88	5.37	6.10	10.61	24.59	26.05	82.79	1.888	2.496
12/31/2007	0.89	5.01	5.63	10.38	24.62	26.21	83.11	1.970	2.494
1/31/2008	0.86	4.85	5.60	10.45	24.64	26.36	83.44	2.052	2.492
2/29/2008	0.88	4.93	5.61	9.49	24.67	26.50	83.71	1.831	2.489
3/31/2008	0.87	4.81	5.52	7.45	24.70	26.65	83.94	1.472	2.484
4/30/2008	0.88	4.94	5.60	7.54	24.72	26.80	84.17	1.450	2.479
5/31/2008	0.86	4.77	5.51	6.45	24.75	26.95	84.37	1.285	2.474
6/30/2008	0.82	4.99	6.09	8.07	24.77	27.10	84.61	1.544	2.470
7/31/2008	0.89	4.85	5.43	9.38	24.80	27.25	84.90	1.836	2.467
8/31/2008	0.89	4.82	5.39	10.24	24.83	27.40	85.22	2.017	2.465
9/30/2008	0.91	4.74	5.23	11.07	24.86	27.54	85.55	2.212	2.464
10/31/2008	0.89	4.71	5.27	10.65	24.89	27.68	85.88	2.143	2.462
11/30/2008	0.86	4.73	5.47	10.74	24.91	27.83	86.20	2.158	2.461
12/31/2008	0.91	4.54	5.01	10.31	24.94	27.97	86.52	2.148	2.459
1/31/2009	0.91	4.60	5.04	10.22	24.97	28.11	86.84	2.100	2.458
2/28/2009	0.86	4.51	5.21	10.38	24.99	28.24	87.13	2.182	2.457
3/31/2009	0.73	4.29	5.92	10.25	25.01	28.37	87.45	2.276	2.456
4/30/2009	0.39	3.59	9.21	10.31	25.03	28.48	87.76	2.781	2.457
5/31/2009	0.39	3.65	9.34	10.32	25.04	28.59	88.08	2.746	2.458
6/30/2009	0.89	6.13	6.91	10.07	25.06	28.77	88.38	1.577	2.453
7/31/2009	1.04	6.99	6.71	9.91	25.10	28.99	88.69	1.359	2.447
8/31/2009	1.08	7.12	6.61	9.30	25.13	29.21	88.98	1.251	2.439
9/30/2009	1.10	6.82	6.22	9.81	25.16	29.42	89.27	1.375	2.433
10/31/2009	1.09	6.33	5.82	10.29	25.20	29.61	89.59	1.548	2.428
11/30/2009	1.09	4.35	3.98	10.69	25.23	29.74	89.91	2.291	2.427
12/31/2009	1.08	4.14	3.83	10.23	25.26	29.87	90.23	2.300	2.427
1/31/2010	0.88	3.68	4.16	9.71	25.29	29.98	90.53	2.468	2.427
2/28/2010	1.09	4.17	3.84	9.61	25.32	30.10	90.80	2.144	2.426
3/31/2010	1.05	4.08	3.88	9.89	25.35	30.23	91.10	2.254	2.425
4/30/2010	1.10	4.03	3.67	10.38	25.39	30.35	91.42	2.386	2.425
5/31/2010	0.96	3.66	3.81	9.34	25.42	30.46	91.70	2.370	2.425
6/30/2010	0.66	3.39	5.17	9.42	25.44	30.56	91.99	2.630	2.426
7/31/2010	0.53	3.57	6.74	9.30	25.45	30.68	92.28	2.499	2.426
8/31/2010	1.41	6.04	4.28	10.97	25.50	30.86	92.62	1.703	2.422
9/30/2010	1.33	5.41	4.06	10.99	25.54	31.02	92.95	1.895	2.420
10/31/2010	1.30	5.28	4.07	11.21	25.58	31.19	93.29	1.980	2.418
11/30/2010	1.28	5.19	4.06	12.69	25.61	31.34	93.67	2.285	2.417
12/31/2010	1.28	5.28	4.11	9.23	25.65	31.51	93.96	1.634	2.414
1/31/2011	1.31	5.06	3.86	11.20	25.70	31.66	94.31	2.058	2.412
2/28/2011	1.20	4.69	3.92	11.12	25.73	31.80	94.62	2.208	2.411
3/31/2011	1.17	4.68	3.99	9.62	25.76	31.94	94.92	1.915	2.409
4/30/2011	1.17	4.60	3.93	11.51	25.80	32.08	95.26	2.333	2.409

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 Replacemnt Ratio
5/31/2011	1.20	4.69	3.92	8.18	25.84	32.22	95.51	1.625	2.406
6/30/2011	1.20	4.56	3.81	10.33	25.87	32.36	95.82	2.105	2.405
7/31/2011	1.17	4.97	4.25	11.68	25.91	32.52	96.19	2.199	2.404
8/31/2011	1.27	4.73	3.71	11.68	25.95	32.66	96.55	2.290	2.404
9/30/2011	1.28	4.73	3.71	12.24	25.99	32.80	96.92	2.400	2.404
10/31/2011	1.28	4.58	3.57	12.19	26.03	32.95	97.29	2.461	2.404
11/30/2011	0.54	3.67	6.79	11.88	26.04	33.06	97.65	3.103	2.406
12/31/2011	0.82	5.13	6.29	11.30	26.07	33.22	98.00	2.106	2.405