

CROMER UNIT NO. 1
WATERFLOOD EOR PROJECT

ANNUAL REPORT FOR 2010

July 27, 2011

Tundra Oil and Gas Partnership

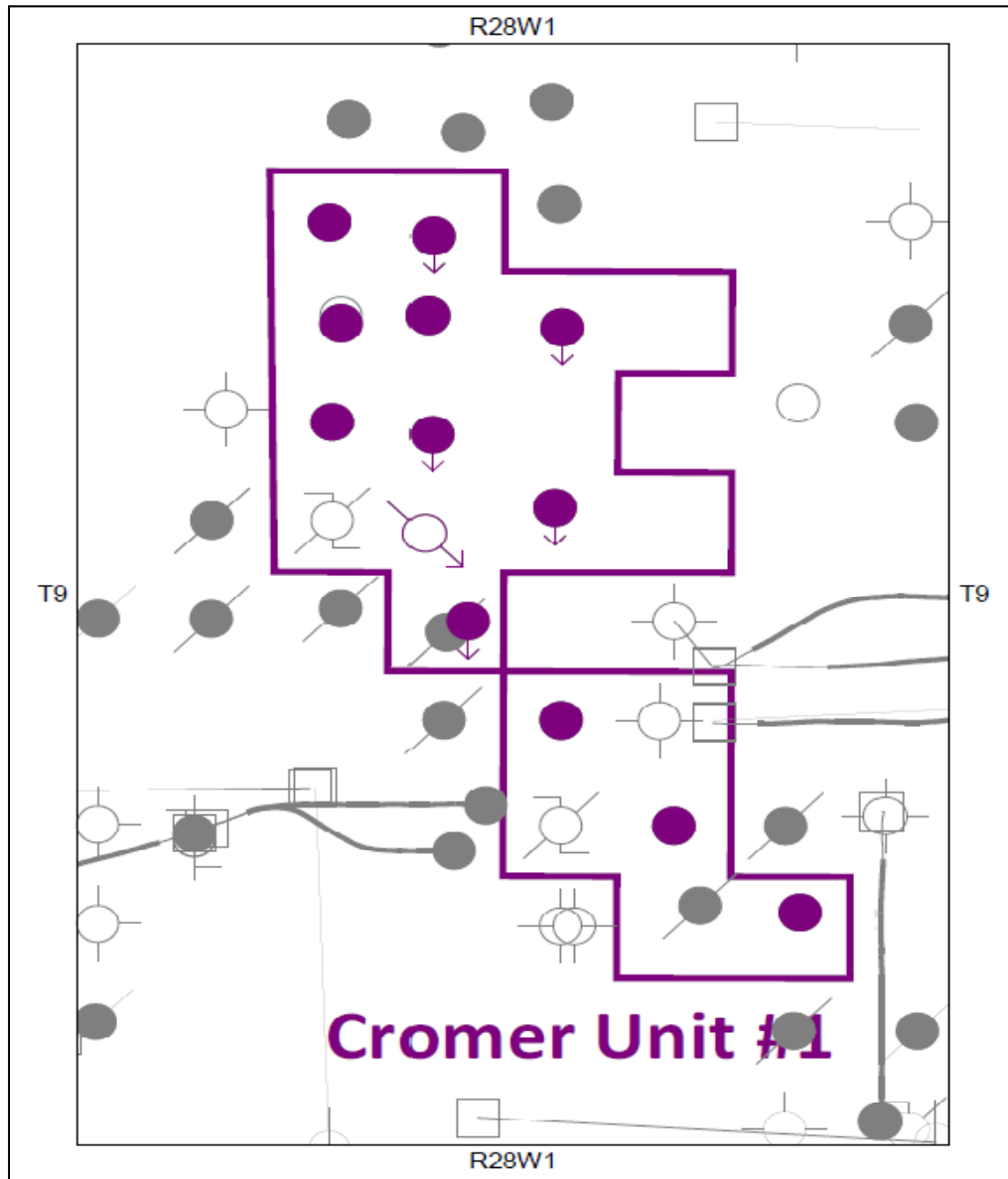
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INTRODUCTION

Cromer Unit No. 1 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Waterflood Order No. 6 effective November 1, 1998 with Tundra Oil and Gas as Operator. The EOR project area, outlined in purple in the attached Figure 1, contains 13 wells 20 LSDs in Township 9, Range 28 W1. Well list and well status is available in Appendix A.

Figure 1: Cromer Unit # 1 Area Outline



In accordance with Section 73 of the Manitoba Drilling and Production Regulation, Tundra submits the following 2010 Annual Progress Report for Cromer Unit No. 1 as required by Waterflood Order No. 6.

DISCUSSION

Production History

For the wells included in Cromer No 1, production started in July 1992 with 00/02-23-009-28W1/0. Oil production peaked at 18.87 m³/d in July of 1996. The water oil ratio (WOR) averaged 3.10 m³/m³ over the last half of 2010. In December 2010, the Unit was producing 3.96 m³/d of oil and 12.1 m³/d of water. 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 presented in Figure 2.

Figure 2: Cromer Unit No.1 Production/Injection Rates and WOR vs Time

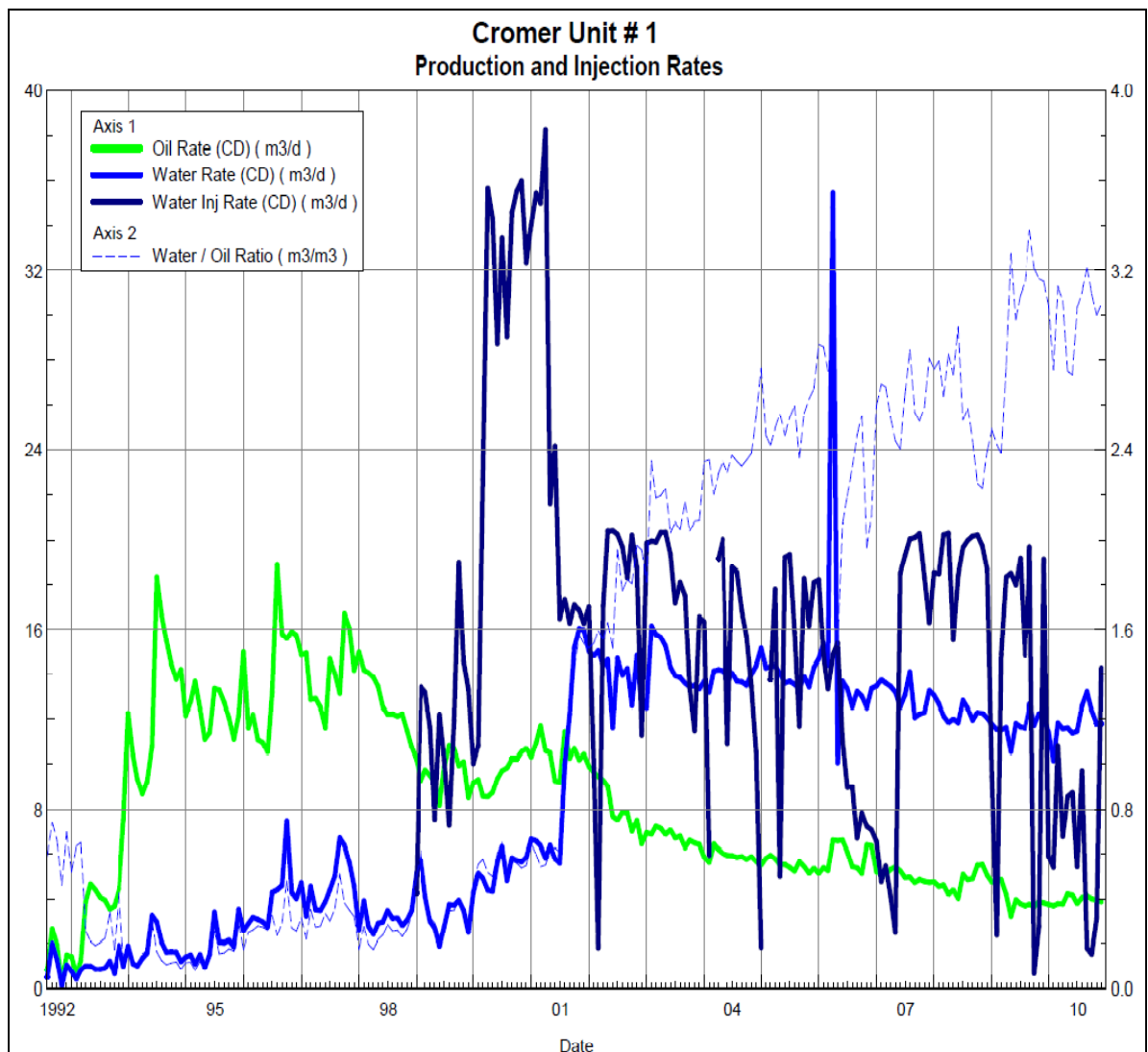
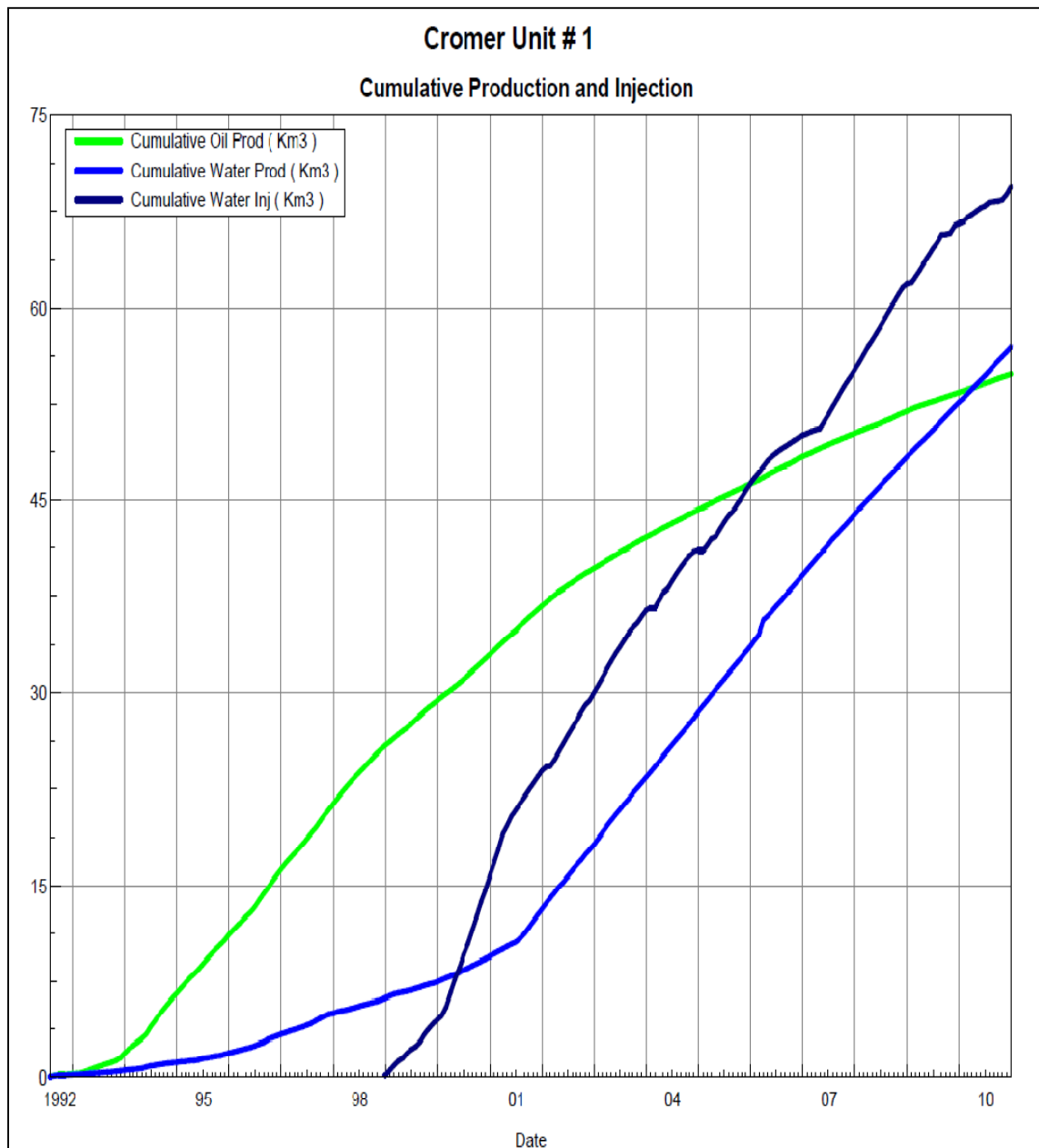


Figure 3 shows the cumulative production for Cromer Unit No. 1 to the end of December 2010 as 54.8 E³m³ of oil, and 57.0 E³m³ of water. The cumulative water injected is over 69.5 E³m³. The original oil-in-place (OOIP) of Cromer Unit No. 1 is 779 E³m³ resulting in a recovery factor to date of 7.0%. The 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: Cromer Unit No. 1 Cumulative Oil, Water and Water Injected vs. Time



Waterflood Developed Plan

As of December 2010 the Unit has 1 active vertical injector. Water injection started in December 1998. Water has only been injected through 00/11-14-009-28W1/0.

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

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 pressures are summarized in Appendix B, and show all injection pressure since 2003. Average Injection pressure for 00/11-14-009-28W1/0 was 8368 kPag in 2010.

Reservoir Pressure

No reservoir pressure measurements were taken at Cromer Unit No. 1 in 2010.

Well Servicing

No maintenance was required on 13 wells in Cromer Unit No. 1, in 2010.

Voidage Replacement

For Cromer Unit No. 1, a cumulative VRR of 1 was achieved in May of 2001, after approximately two and half years of injection. Cumulative VRR has been about 1 for last 8 years and was .955 for December 2010. Tundra hopes to maintain this cumulative VRR, by keeping water injection at its current rate for the foreseeable future. Calculation, 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

Given an OOIP of 779,000 m³, the current recovery factor is 7.0%. The ultimate expected recoverable reserve based on decline analysis is 80,000 m³ or an ultimate recovery factor of 10.3%.

The overall performance of this waterflood has been poor as indicated by the low recovery factor, and obvious lack of waterflood response in producers. This is certainly due to having only one injector where multiple injectors are required in patterns to provide the necessary areal sweep and injected water volumes.

The long term decline trends for oil and water are very stable and not expected to change. The Unit will require additional water injector wells in addition to increased fluid handling throughput in order to make this an effective waterflood

List of Appendices

Appendix A: Well Name and Well Status

Appendix B: Monthly Injection Wellhead Pressures Table and Plots

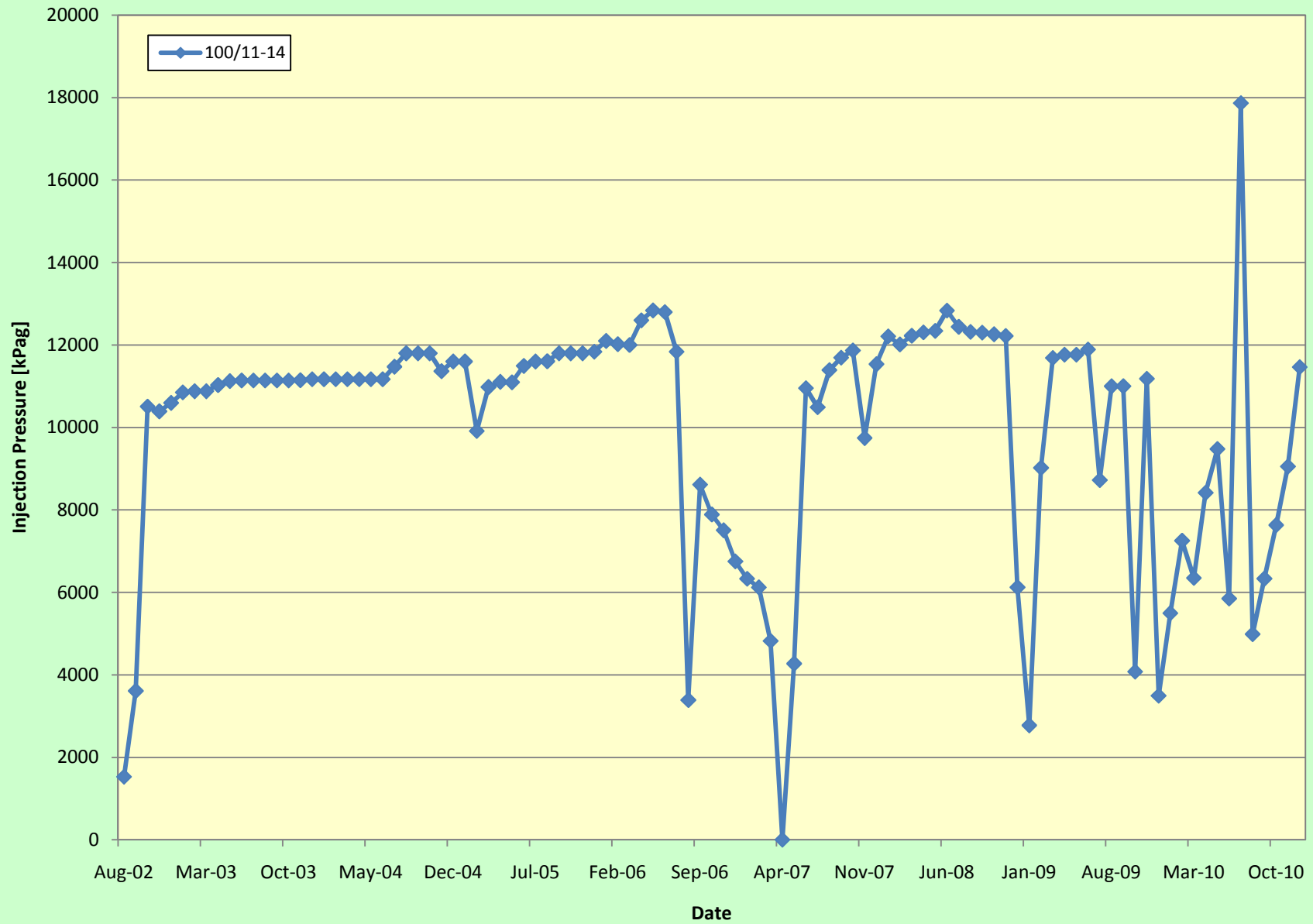
Appendix C: Cromer Unit No. 1 Injection Pattern Summary

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

Appendix A

UWI	Well Status
100/16-11-009-28W1/02	Capable of OIL Prod
100/12-12-009-28W1/02	Capable of OIL Prod
100/02-14-009-28W1/02	Capable of OIL Prod
102/06-14-009-28W1/02	Capable of OIL Prod
100/10-14-009-28W1/00	Commingled
100/11-14-009-28W1/00	WTR Injection
100/13-14-009-28W1/03	Capable of OIL Prod
100/14-14-009-28W1/00	Commingled
100/02-23-009-28W1/02	Commingled
100/03-23-009-28W1/00	Capable of OIL Prod
100/04-23-009-28W1/03	Commingled
100/05-23-009-28W1/00	Capable of OIL Prod
100/06-23-009-28W1/02	Capable of OIL Prod

100/11-14 Injection Pressures vs Time



Appendix B

Average Monthly Injection Pressure (kPag)

Injection Pressure	
Month	100/11-14
Aug-02	1527
Sep-02	3609
Oct-02	10508
Nov-02	10392
Dec-02	10596
Jan-03	10851
Feb-03	10880
Mar-03	10880
Apr-03	11029
May-03	11124
Jun-03	11140
Jul-03	11140
Aug-03	11140
Sep-03	11140
Oct-03	11140
Nov-03	11146
Dec-03	11170
Jan-04	11170
Feb-04	11170
Mar-04	11170
Apr-04	11170
May-04	11170
Jun-04	11170
Jul-04	11475
Aug-04	11800
Sep-04	11800
Oct-04	11800
Nov-04	11367
Dec-04	11600
Jan-05	11600
Feb-05	9914
Mar-05	10981
Apr-05	11107
May-05	11097
Jun-05	11493
Jul-05	11600
Aug-05	11606
Sep-05	11800
Oct-05	11800
Nov-05	11800

Average Monthly Injection Pressure (kPag)

	Injection Pressure
Month	100/11-14
Dec-05	11839
Jan-06	12100
Feb-06	12021
Mar-06	12000
Apr-06	12600
May-06	12839
Jun-06	12801
Jul-06	11839
Aug-06	3387
Sep-06	8613
Oct-06	7889
Nov-06	7507
Dec-06	6752
Jan-07	6329
Feb-07	6122
Mar-07	4821
Apr-07	0
May-07	4271
Jun-07	10953
Jul-07	10491
Aug-07	11394
Sep-07	11693
Oct-07	11868
Nov-07	9743
Dec-07	11535
Jan-08	12210
Feb-08	12014
Mar-08	12226
Apr-08	12307
May-08	12342
Jun-08	12836
Jul-08	12442
Aug-08	12320
Sep-08	12301
Oct-08	12261
Nov-08	12220
Dec-08	6123
Jan-09	2774
Feb-09	9021
Mar-09	11688
Apr-09	11765
May-09	11765
Jun-09	11893

Average Monthly Injection Pressure (kPag)

	Injection Pressure
Month	100/11-14
Jul-09	8723
Aug-09	11000
Sep-09	11000
Oct-09	4077
Nov-09	11182
Dec-09	3491
Jan-10	5497
Feb-10	7254
Mar-10	6348
Apr-10	8417
May-10	9478
Jun-10	5850
Jul-10	17868
Aug-10	4987
Sep-10	6333
Oct-10	7632
Nov-10	9055
Dec-10	11466

Pattern Name	Injector Location (009-28W)	Injector Surf. Location (009-28W1)	Status	Supported Wells (009-28W1)	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
00/11-14-009-28W1 Injector	00/11-14	Vertical Well	WTR Injection	02-14, 02-23, 03-23, 04-23, 05-23, 06-23, 10-14, 12-12, 13-14, 14-14, 16-11, 02/06-14	12	1	Jul 1992	Dec 1998	4.0	12.1	3.05	20.4	54.8	57.0	69.5	1.5	0.96

Appendix C

Completions Selected (13) in Zoomed Area

Oil Formation Vol. Factor : 1.05 m3/m3

Water Formation Vol Factor : 1.00 m3/m3

Water / Oil Ratio : 2.50 m3/m3

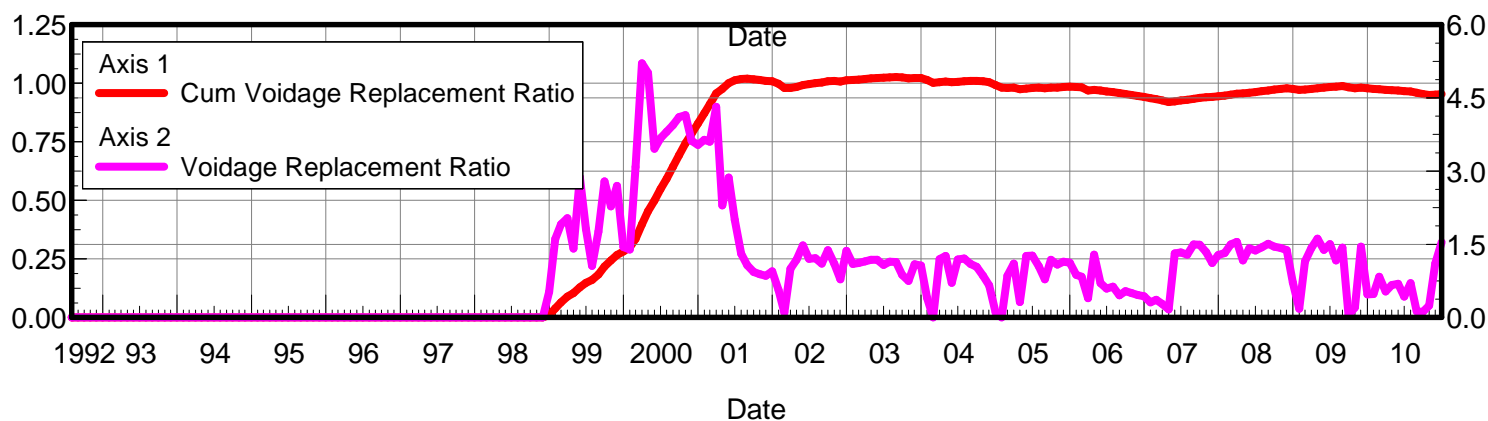
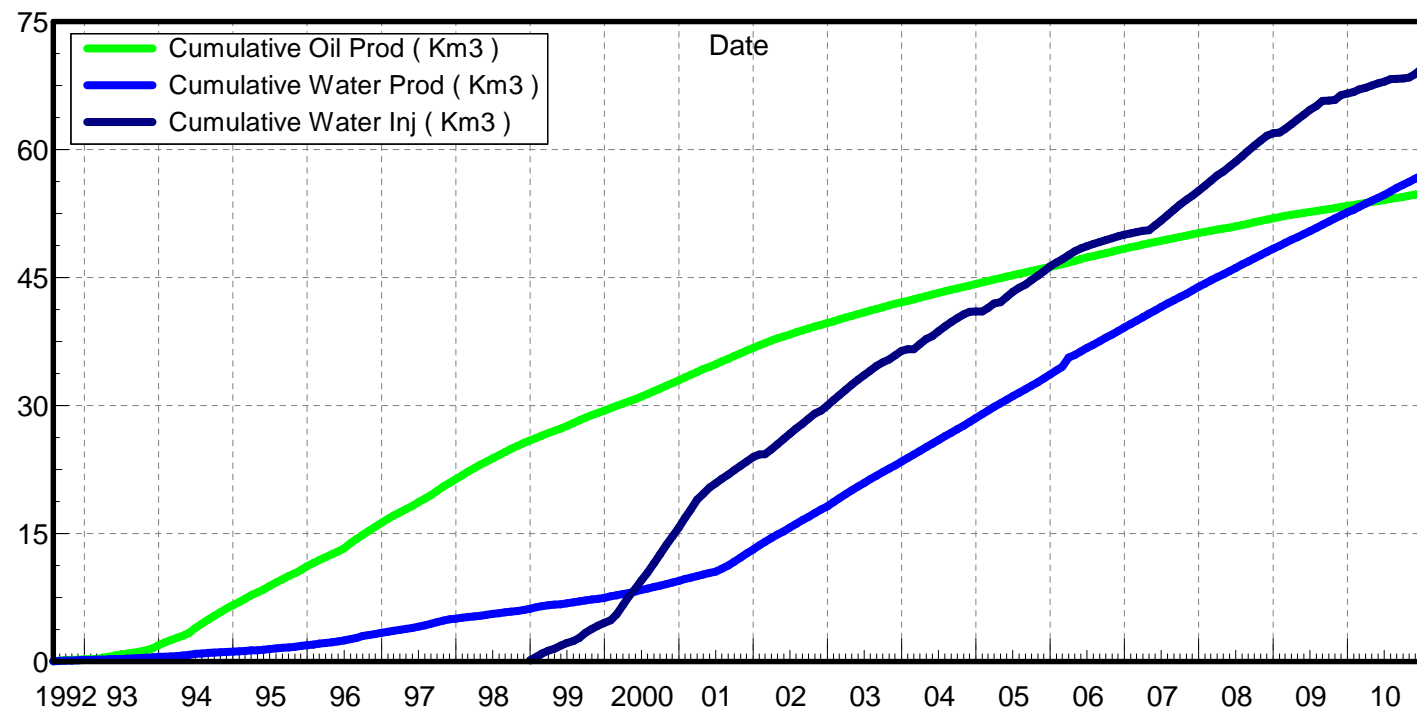
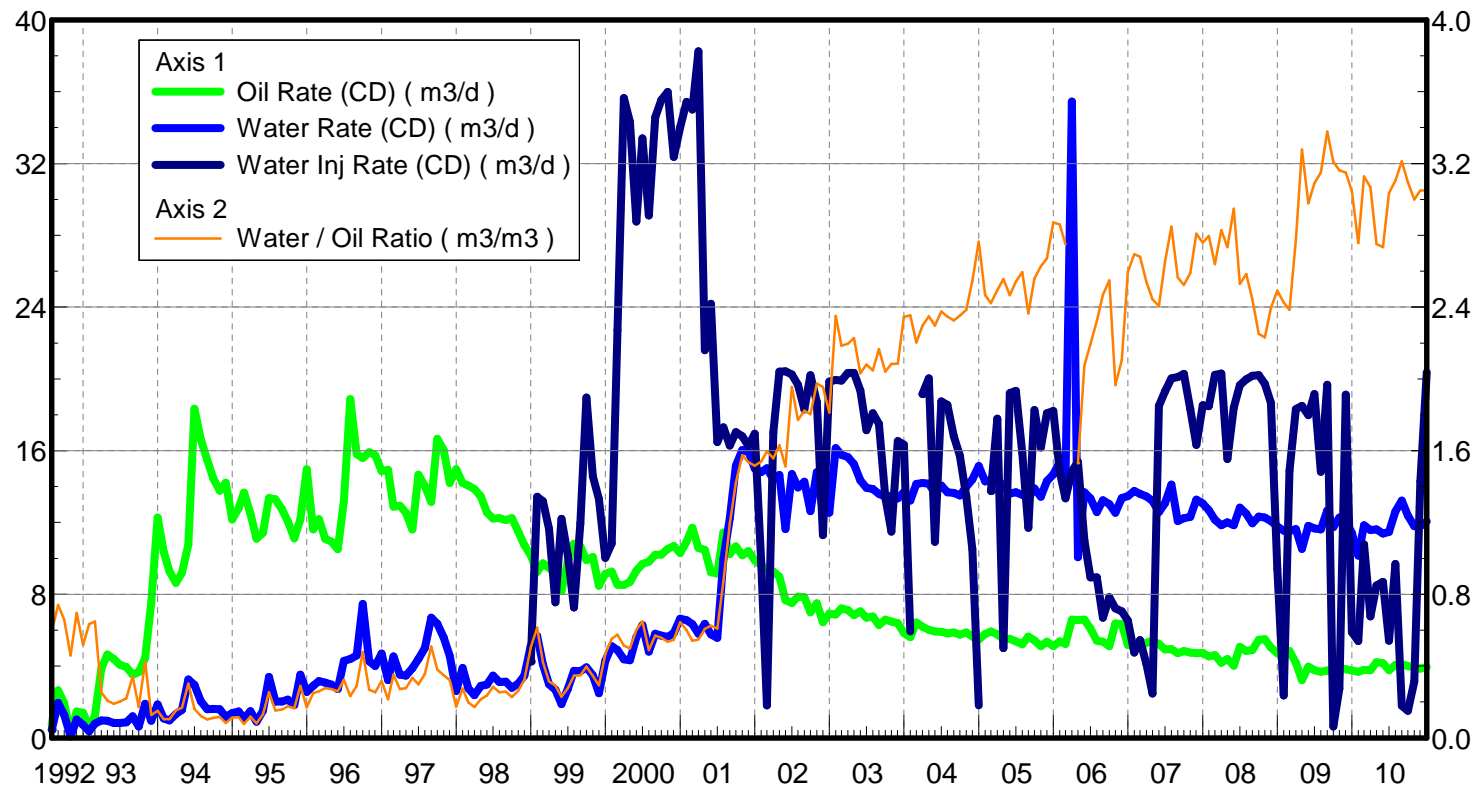
July 19, 2011

Operator: Tundra_Oil_and_Gas_Patnership

Oil Rate (CD) : 3.66 m3/d

Water Rate (CD) : 9.15 m3/d

Water Inj Rate (CD) : 5.61 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 Replacement Ratio
7/31/1992	0.78	0.46	0.59		0.02	0.01	0.00	0.000	0.000
8/31/1992	2.65	1.96	0.74		0.11	0.07	0.00	0.000	0.000
9/30/1992	1.93	1.27	0.66		0.16	0.11	0.00	0.000	0.000
10/31/1992	0.20	0.09	0.46		0.17	0.12	0.00	0.000	0.000
11/30/1992	1.47	1.02	0.70		0.21	0.15	0.00	0.000	0.000
12/31/1992	1.40	0.73	0.52		0.26	0.17	0.00	0.000	0.000
1/31/1993	0.59	0.37	0.63		0.28	0.18	0.00	0.000	0.000
2/28/1993	1.22	0.79	0.65		0.31	0.20	0.00	0.000	0.000
3/31/1993	3.86	0.98	0.25		0.43	0.23	0.00	0.000	0.000
4/30/1993	4.65	0.96	0.21		0.57	0.26	0.00	0.000	0.000
5/31/1993	4.40	0.83	0.19		0.71	0.29	0.00	0.000	0.000
6/30/1993	4.07	0.82	0.20		0.83	0.31	0.00	0.000	0.000
7/31/1993	3.94	0.87	0.22		0.95	0.34	0.00	0.000	0.000
8/31/1993	3.53	1.21	0.34		1.06	0.38	0.00	0.000	0.000
9/30/1993	3.67	0.63	0.17		1.17	0.40	0.00	0.000	0.000
10/31/1993	4.45	1.89	0.43		1.31	0.45	0.00	0.000	0.000
11/30/1993	7.53	0.96	0.13		1.53	0.48	0.00	0.000	0.000
12/31/1993	12.28	1.86	0.15		1.91	0.54	0.00	0.000	0.000
1/31/1994	10.36	1.07	0.10		2.23	0.57	0.00	0.000	0.000
2/28/1994	9.29	0.97	0.10		2.50	0.60	0.00	0.000	0.000
3/31/1994	8.64	1.32	0.15		2.76	0.64	0.00	0.000	0.000
4/30/1994	9.19	1.55	0.17		3.04	0.69	0.00	0.000	0.000
5/31/1994	10.77	3.25	0.30		3.37	0.79	0.00	0.000	0.000
6/30/1994	18.33	2.96	0.16		3.92	0.88	0.00	0.000	0.000
7/31/1994	16.63	2.04	0.12		4.44	0.94	0.00	0.000	0.000
8/31/1994	15.49	1.60	0.10		4.92	0.99	0.00	0.000	0.000
9/30/1994	14.46	1.62	0.11		5.35	1.04	0.00	0.000	0.000
10/31/1994	13.78	1.60	0.12		5.78	1.09	0.00	0.000	0.000
11/30/1994	14.21	1.17	0.08		6.21	1.13	0.00	0.000	0.000
12/31/1994	12.17	1.38	0.11		6.58	1.17	0.00	0.000	0.000
1/31/1995	12.79	1.47	0.11		6.98	1.21	0.00	0.000	0.000
2/28/1995	13.68	1.07	0.08		7.36	1.24	0.00	0.000	0.000
3/31/1995	12.48	1.49	0.12		7.75	1.29	0.00	0.000	0.000
4/30/1995	11.10	0.91	0.08		8.08	1.32	0.00	0.000	0.000
5/31/1995	11.41	1.51	0.13		8.44	1.36	0.00	0.000	0.000
6/30/1995	13.36	3.39	0.25		8.84	1.47	0.00	0.000	0.000
7/31/1995	13.28	2.03	0.15		9.25	1.53	0.00	0.000	0.000
8/31/1995	12.75	2.02	0.16		9.64	1.59	0.00	0.000	0.000
9/30/1995	12.06	2.12	0.18		10.01	1.65	0.00	0.000	0.000
10/31/1995	11.11	1.84	0.17		10.35	1.71	0.00	0.000	0.000
11/30/1995	12.16	3.52	0.29		10.72	1.82	0.00	0.000	0.000
12/31/1995	14.97	2.56	0.17		11.18	1.90	0.00	0.000	0.000
1/31/1996	11.62	2.89	0.25		11.54	1.99	0.00	0.000	0.000
2/29/1996	12.19	3.17	0.26		11.89	2.08	0.00	0.000	0.000
3/31/1996	11.08	3.07	0.28		12.24	2.17	0.00	0.000	0.000
4/30/1996	10.95	2.97	0.27		12.57	2.26	0.00	0.000	0.000
5/31/1996	10.52	2.73	0.26		12.89	2.35	0.00	0.000	0.000
6/30/1996	13.20	4.28	0.32		13.29	2.48	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 Replacement Ratio
7/31/1996	18.87	4.40	0.23		13.87	2.61	0.00	0.000	0.000
8/31/1996	15.80	4.59	0.29		14.36	2.75	0.00	0.000	0.000
9/30/1996	15.59	7.47	0.48		14.83	2.98	0.00	0.000	0.000
10/31/1996	15.92	4.27	0.27		15.32	3.11	0.00	0.000	0.000
11/30/1996	15.75	4.01	0.25		15.80	3.23	0.00	0.000	0.000
12/31/1996	14.85	4.69	0.32		16.26	3.38	0.00	0.000	0.000
1/31/1997	14.93	3.22	0.22		16.72	3.48	0.00	0.000	0.000
2/28/1997	12.89	4.54	0.35		17.08	3.60	0.00	0.000	0.000
3/31/1997	12.93	3.52	0.27		17.48	3.71	0.00	0.000	0.000
4/30/1997	12.55	3.47	0.28		17.86	3.82	0.00	0.000	0.000
5/31/1997	11.62	3.88	0.33		18.22	3.94	0.00	0.000	0.000
6/30/1997	14.67	4.39	0.30		18.66	4.07	0.00	0.000	0.000
7/31/1997	14.04	4.99	0.36		19.09	4.22	0.00	0.000	0.000
8/31/1997	13.15	6.69	0.51		19.50	4.43	0.00	0.000	0.000
9/30/1997	16.66	6.35	0.38		20.00	4.62	0.00	0.000	0.000
10/31/1997	16.04	5.58	0.35		20.50	4.79	0.00	0.000	0.000
11/30/1997	14.19	4.56	0.32		20.92	4.93	0.00	0.000	0.000
12/31/1997	14.96	2.61	0.17		21.39	5.01	0.00	0.000	0.000
1/31/1998	14.20	3.90	0.27		21.83	5.13	0.00	0.000	0.000
2/28/1998	14.06	2.76	0.20		22.22	5.21	0.00	0.000	0.000
3/31/1998	13.87	2.39	0.17		22.65	5.28	0.00	0.000	0.000
4/30/1998	13.45	2.89	0.21		23.05	5.37	0.00	0.000	0.000
5/31/1998	12.56	2.96	0.24		23.44	5.46	0.00	0.000	0.000
6/30/1998	12.22	3.47	0.28		23.81	5.57	0.00	0.000	0.000
7/31/1998	12.24	3.12	0.25		24.19	5.66	0.00	0.000	0.000
8/31/1998	12.14	3.14	0.26		24.57	5.76	0.00	0.000	0.000
9/30/1998	12.23	2.79	0.23		24.93	5.84	0.00	0.000	0.000
10/31/1998	11.50	3.03	0.26		25.29	5.94	0.00	0.000	0.000
11/30/1998	10.74	3.48	0.32		25.61	6.04	0.00	0.000	0.000
12/31/1998	10.18	5.12	0.50	4.25	25.93	6.20	0.13	0.527	0.010
1/31/1999	9.24	5.68	0.61	13.43	26.21	6.38	0.55	1.608	0.039
2/28/1999	9.72	4.09	0.42	13.18	26.49	6.49	0.92	1.909	0.065
3/31/1999	9.47	2.99	0.32	11.65	26.78	6.58	1.28	2.033	0.089
4/30/1999	9.18	2.68	0.29	7.54	27.06	6.66	1.50	1.413	0.104
5/31/1999	8.18	1.88	0.23	12.20	27.31	6.72	1.88	2.876	0.129
6/30/1999	9.87	2.75	0.28	10.16	27.60	6.81	2.19	1.814	0.148
7/31/1999	10.81	3.75	0.35	7.27	27.94	6.92	2.41	1.058	0.161
8/31/1999	10.67	3.72	0.35	11.95	28.27	7.04	2.78	1.758	0.183
9/30/1999	9.91	3.93	0.40	18.96	28.57	7.15	3.35	2.789	0.217
10/31/1999	10.09	3.48	0.35	14.57	28.88	7.26	3.80	2.276	0.244
11/30/1999	8.47	2.48	0.29	13.30	29.14	7.34	4.20	2.697	0.267
12/31/1999	9.14	4.28	0.47	10.02	29.42	7.47	4.51	1.447	0.283
1/31/2000	9.27	5.11	0.55	10.83	29.71	7.63	4.85	1.390	0.299
2/29/2000	8.54	4.90	0.57	22.71	29.95	7.77	5.51	3.081	0.335
3/31/2000	8.51	4.38	0.52	35.65	30.22	7.91	6.61	5.210	0.397
4/30/2000	8.70	4.33	0.50	34.32	30.48	8.04	7.64	5.011	0.454
5/31/2000	9.32	5.62	0.60	28.76	30.77	8.21	8.54	3.460	0.499
6/30/2000	9.69	6.29	0.65	33.40	31.06	8.40	9.54	3.673	0.549

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 Replacement Ratio
7/31/2000	9.82	4.80	0.49	29.10	31.36	8.55	10.44	3.807	0.593
8/31/2000	10.21	5.81	0.57	34.59	31.68	8.73	11.51	3.945	0.643
9/30/2000	10.22	5.69	0.56	35.53	31.99	8.90	12.58	4.109	0.693
10/31/2000	10.52	5.63	0.54	35.99	32.31	9.07	13.69	4.148	0.743
11/30/2000	10.69	5.84	0.55	32.37	32.63	9.25	14.66	3.625	0.785
12/31/2000	10.30	6.64	0.64	34.03	32.95	9.45	15.72	3.537	0.828
1/31/2001	10.94	6.56	0.60	35.44	33.29	9.66	16.82	3.643	0.872
2/28/2001	11.71	6.34	0.54	35.00	33.62	9.84	17.80	3.599	0.910
3/31/2001	10.58	5.80	0.55	38.25	33.95	10.02	18.98	4.315	0.957
4/30/2001	10.47	6.36	0.61	21.60	34.26	10.21	19.63	2.300	0.976
5/31/2001	9.23	5.77	0.63	24.18	34.55	10.39	20.38	2.865	1.000
6/30/2001	9.16	5.57	0.61	16.49	34.82	10.55	20.88	2.005	1.012
7/31/2001	11.44	9.96	0.87	17.31	35.18	10.86	21.41	1.305	1.018
8/31/2001	10.25	12.24	1.19	16.28	35.49	11.24	21.92	1.071	1.019
9/30/2001	10.67	15.17	1.42	17.04	35.81	11.70	22.43	0.934	1.017
10/31/2001	10.18	16.04	1.58	16.81	36.13	12.19	22.95	0.885	1.014
11/30/2001	10.40	15.97	1.54	16.28	36.44	12.67	23.44	0.858	1.010
12/31/2001	9.89	15.00	1.52	16.95	36.75	13.14	23.96	0.949	1.008
1/31/2002	9.62	14.81	1.54	9.85	37.05	13.60	24.27	0.560	0.998
2/28/2002	9.42	15.03	1.60	1.80	37.31	14.02	24.32	0.102	0.980
3/31/2002	9.25	14.41	1.56	17.01	37.60	14.46	24.85	0.996	0.981
4/30/2002	8.98	14.64	1.63	20.40	37.87	14.90	25.46	1.184	0.985
5/31/2002	7.68	11.63	1.51	20.42	38.10	15.26	26.09	1.474	0.993
6/30/2002	7.52	14.70	1.95	20.25	38.33	15.70	26.70	1.200	0.997
7/31/2002	7.87	13.95	1.77	19.68	38.57	16.14	27.31	1.213	1.001
8/31/2002	7.83	14.28	1.82	18.30	38.82	16.58	27.88	1.106	1.003
9/30/2002	7.00	12.63	1.80	20.21	39.03	16.96	28.48	1.379	1.008
10/31/2002	7.50	14.82	1.97	18.71	39.26	17.42	29.06	1.101	1.010
11/30/2002	6.44	12.59	1.95	11.29	39.45	17.79	29.40	0.781	1.007
12/31/2002	6.93	12.55	1.81	19.85	39.67	18.18	30.02	1.364	1.012
1/31/2003	6.87	16.15	2.35	19.94	39.88	18.68	30.63	1.099	1.014
2/28/2003	7.22	15.78	2.18	19.90	40.08	19.13	31.19	1.114	1.015
3/31/2003	7.13	15.65	2.20	20.33	40.30	19.61	31.82	1.148	1.018
4/30/2003	6.85	15.25	2.23	20.34	40.51	20.07	32.43	1.180	1.020
5/31/2003	7.06	14.34	2.03	19.35	40.73	20.51	33.03	1.182	1.023
6/30/2003	6.70	13.93	2.08	17.14	40.93	20.93	33.55	1.080	1.024
7/31/2003	6.77	13.85	2.05	18.09	41.14	21.36	34.11	1.144	1.026
8/31/2003	6.28	13.59	2.17	17.50	41.33	21.78	34.65	1.135	1.027
9/30/2003	6.59	13.44	2.04	13.39	41.53	22.19	35.05	0.873	1.025
10/31/2003	6.48	13.49	2.08	11.49	41.73	22.60	35.41	0.748	1.021
11/30/2003	6.40	13.35	2.09	16.53	41.92	23.00	35.90	1.087	1.022
12/31/2003	5.83	13.68	2.35	16.34	42.10	23.43	36.41	1.063	1.023
1/31/2004	5.61	13.21	2.35	5.94	42.28	23.84	36.59	0.400	1.015
2/29/2004	6.42	14.15	2.20		42.46	24.25	36.59	0.000	1.002
3/31/2004	6.19	14.21	2.29	19.15	42.66	24.69	37.19	1.197	1.004
4/30/2004	6.03	14.16	2.35	20.02	42.84	25.11	37.79	1.259	1.008
5/31/2004	5.94	13.64	2.30	10.91	43.02	25.54	38.13	0.711	1.004
6/30/2004	5.92	14.06	2.38	18.75	43.20	25.96	38.69	1.189	1.006

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 Replacement Ratio
7/31/2004	5.83	13.68	2.35	18.55	43.38	26.38	39.26	1.207	1.009
8/31/2004	5.87	13.65	2.33	16.80	43.56	26.81	39.79	1.095	1.010
9/30/2004	5.74	13.51	2.35	15.71	43.73	27.21	40.26	1.035	1.010
10/31/2004	5.87	13.99	2.38	13.45	43.92	27.64	40.67	0.858	1.008
11/30/2004	5.65	14.39	2.55	10.52	44.09	28.08	40.99	0.656	1.004
12/31/2004	5.48	15.15	2.76	1.82	44.26	28.55	41.05	0.109	0.993
1/31/2005	5.79	14.29	2.47		44.43	28.99	41.05	0.000	0.981
2/28/2005	5.92	14.35	2.42	13.76	44.60	29.39	41.43	0.857	0.980
3/31/2005	5.77	14.40	2.50	17.78	44.78	29.84	41.98	1.107	0.981
4/30/2005	5.49	14.04	2.56	5.00	44.94	30.26	42.13	0.320	0.974
5/31/2005	5.52	13.61	2.47	19.21	45.12	30.68	42.73	1.263	0.977
6/30/2005	5.38	13.68	2.54	19.33	45.28	31.09	43.31	1.269	0.980
7/31/2005	5.22	13.55	2.60	15.87	45.44	31.51	43.80	1.054	0.981
8/31/2005	5.64	13.35	2.37	11.70	45.61	31.92	44.16	0.781	0.979
9/30/2005	5.43	13.89	2.56	18.26	45.78	32.34	44.71	1.181	0.981
10/31/2005	5.11	13.43	2.63	16.18	45.93	32.76	45.21	1.085	0.982
11/30/2005	5.36	14.31	2.67	18.08	46.10	33.19	45.75	1.140	0.984
12/31/2005	5.11	14.68	2.87	18.21	46.25	33.64	46.32	1.127	0.985
1/31/2006	5.37	15.36	2.86	14.84	46.42	34.12	46.78	0.877	0.984
2/28/2006	5.24	14.42	2.75	13.35	46.57	34.52	47.15	0.838	0.983
3/31/2006	6.59	35.45	5.38	14.85	46.77	35.62	47.61	0.398	0.969
4/30/2006	6.57	10.06	1.53	15.38	46.97	35.92	48.07	1.286	0.971
5/31/2006	6.59	13.68	2.07	11.01	47.17	36.35	48.42	0.706	0.969
6/30/2006	6.08	13.35	2.19	8.94	47.36	36.75	48.68	0.592	0.965
7/31/2006	5.42	12.57	2.32	8.95	47.52	37.14	48.96	0.633	0.962
8/31/2006	5.36	13.24	2.47	6.69	47.69	37.55	49.17	0.453	0.958
9/30/2006	5.11	13.02	2.55	7.83	47.84	37.94	49.40	0.540	0.954
10/31/2006	6.38	12.54	1.97	7.21	48.04	38.33	49.63	0.501	0.950
11/30/2006	6.34	13.36	2.11	7.05	48.23	38.73	49.84	0.464	0.946
12/31/2006	5.19	13.47	2.60	6.53	48.39	39.15	50.04	0.436	0.942
1/31/2007	5.10	13.75	2.69	4.76	48.55	39.57	50.19	0.313	0.936
2/28/2007	5.08	13.60	2.68	5.44	48.69	39.95	50.34	0.361	0.932
3/31/2007	5.30	13.45	2.54	4.12	48.86	40.37	50.47	0.275	0.926
4/30/2007	5.40	13.20	2.44	2.47	49.02	40.76	50.54	0.168	0.920
5/31/2007	5.23	12.57	2.41	18.50	49.18	41.15	51.12	1.313	0.923
6/30/2007	4.93	13.08	2.65	19.30	49.33	41.55	51.70	1.330	0.926
7/31/2007	4.95	14.11	2.85	20.04	49.48	41.98	52.32	1.289	0.929
8/31/2007	4.71	12.08	2.56	20.10	49.63	42.36	52.94	1.496	0.933
9/30/2007	4.85	12.23	2.52	20.28	49.77	42.73	53.55	1.487	0.937
10/31/2007	4.75	12.32	2.59	18.31	49.92	43.11	54.12	1.338	0.940
11/30/2007	4.72	13.27	2.81	16.32	50.06	43.51	54.61	1.115	0.942
12/31/2007	4.74	13.07	2.76	18.53	50.21	43.91	55.18	1.284	0.944
1/31/2008	4.54	12.69	2.80	18.49	50.35	44.30	55.75	1.321	0.947
2/29/2008	4.60	12.15	2.64	20.22	50.48	44.66	56.34	1.500	0.951
3/31/2008	4.19	11.85	2.83	20.29	50.61	45.02	56.97	1.553	0.955
4/30/2008	4.39	12.01	2.73	15.55	50.75	45.38	57.43	1.170	0.956
5/31/2008	4.02	11.85	2.95	18.42	50.87	45.75	58.01	1.415	0.959
6/30/2008	5.07	12.83	2.53	19.65	51.02	46.14	58.60	1.374	0.962

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 Replacement Ratio
7/31/2008	4.84	12.49	2.58	19.98	51.17	46.52	59.21	1.438	0.966
8/31/2008	4.89	11.96	2.44	20.17	51.32	46.89	59.84	1.508	0.969
9/30/2008	5.47	12.32	2.25	20.22	51.49	47.26	60.45	1.454	0.972
10/31/2008	5.50	12.28	2.23	19.72	51.66	47.65	61.06	1.422	0.976
11/30/2008	5.04	12.07	2.40	18.65	51.81	48.01	61.62	1.378	0.978
12/31/2008	4.73	11.77	2.49	9.42	51.96	48.37	61.91	0.717	0.977
1/31/2009	4.76	11.54	2.43	2.35	52.10	48.73	61.98	0.182	0.972
2/28/2009	4.84	11.53	2.38	14.88	52.24	49.05	62.40	1.151	0.973
3/31/2009	4.19	11.63	2.78	18.33	52.37	49.41	62.97	1.427	0.975
4/30/2009	3.21	10.53	3.28	18.50	52.47	49.73	63.52	1.615	0.979
5/31/2009	3.96	11.81	2.98	17.98	52.59	50.10	64.08	1.388	0.981
6/30/2009	3.77	11.66	3.09	19.15	52.70	50.45	64.65	1.501	0.984
7/31/2009	3.69	11.61	3.15	14.83	52.82	50.81	65.11	1.170	0.985
8/31/2009	3.75	12.66	3.38	19.67	52.93	51.20	65.72	1.431	0.988
9/30/2009	3.66	11.74	3.21	0.63	53.04	51.55	65.74	0.050	0.983
10/31/2009	3.88	12.27	3.16	2.76	53.16	51.93	65.83	0.206	0.978
11/30/2009	3.82	12.04	3.15	19.12	53.28	52.29	66.40	1.454	0.981
12/31/2009	3.75	11.42	3.05	5.90	53.39	52.65	66.58	0.472	0.978
1/31/2010	3.68	10.15	2.76	5.39	53.51	52.96	66.75	0.481	0.975
2/28/2010	3.79	11.84	3.13	10.79	53.61	53.29	67.05	0.834	0.975
3/31/2010	3.77	11.58	3.07	6.76	53.73	53.65	67.26	0.534	0.972
4/30/2010	4.22	11.62	2.75	8.50	53.86	54.00	67.52	0.662	0.970
5/31/2010	4.16	11.38	2.73	8.69	53.99	54.35	67.79	0.690	0.969
6/30/2010	3.78	11.47	3.04	5.42	54.10	54.70	67.95	0.431	0.966
7/31/2010	4.06	12.61	3.10	9.68	54.23	55.09	68.25	0.703	0.964
8/31/2010	4.11	13.21	3.21	1.79	54.35	55.50	68.31	0.124	0.959
9/30/2010	4.00	12.39	3.10	1.51	54.47	55.87	68.35	0.112	0.954
10/31/2010	3.94	11.80	3.00	3.13	54.59	56.23	68.45	0.242	0.950
11/30/2010	3.87	11.80	3.05	14.29	54.71	56.59	68.88	1.106	0.951
12/31/2010	3.96	12.07	3.05	20.37	54.83	56.96	69.51	1.541	0.955