

**SINCLAIR UNIT NO. 2**  
**WATERFLOOD EOR PROJECT**  
  
**ANNUAL REPORT FOR 2012**

**March 15, 2013**

**Tundra Oil and Gas Partnership**

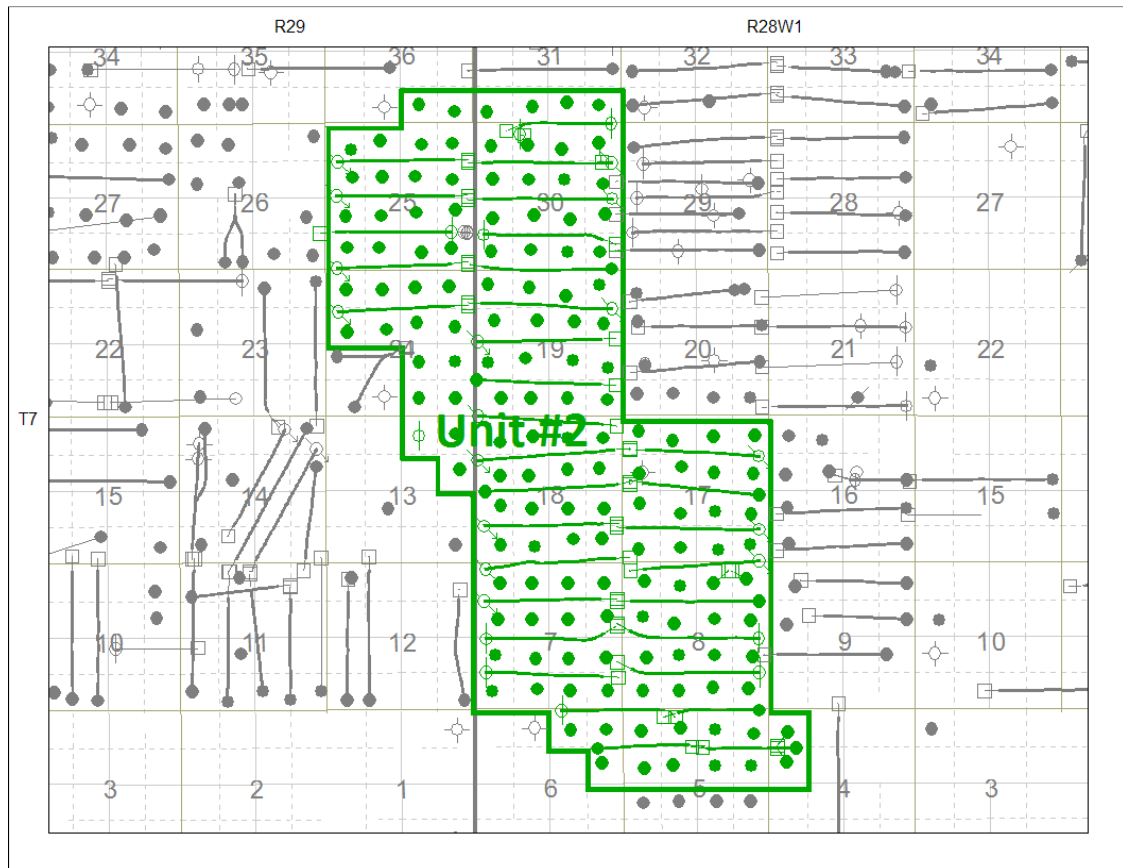
## Table of Contents

Introduction .....	3.
Discussion .....	3.
Production History .....	3.
Waterflood Development Plan .....	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 .....	7.
Waterflood Performance Discussion .....	7.
List of Appendices .....	8.
Appendix A : Monthly Injection Wellhead Pressures Table and Plots	
Appendix B: Sinclair Unit No. 2 Reservoir Pressure Summary Table	
Appendix C: Sinclair Unit No. 2 Injection Pattern Summary	
Appendix D: Injection Pattern Production/Injection Rates, Cumulatives and VRRs	

## **INTRODUCTION**

Sinclair Unit No. 2 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Waterflood Order No. 17 effective January 1, 2010 with Tundra Oil and Gas (Tundra) as Operator. The EOR project area contains 140 producing wells in just over 9 sections in Township 7, Ranges 28 and 29 W1 as shown in the figure below.

**Figure 1: Sinclair Unit No. 2 Area Outline**



In accordance with Section 73 of the Manitoba Drilling and Production Regulation, Tundra hereby submits the following 2012 Annual Progress Report for Sinclair Unit No. 2 as required by Waterflood Order No 17.

## **DISCUSSION**

### **Production History**

For the wells included in Sinclair Unit No. 2, production started in August 2004 with 00/08-25-007-29W1. Oil production peaked at an average of 3.8 m<sup>3</sup>/d per well, in January of 2008. This production was coming from 127 wells and totaled 481 m<sup>3</sup>/d for the whole Unit. Since then production has steadily declined while the water oil ratio

(WOR) has remained steady, averaging 0.48 m<sup>3</sup>/m<sup>3</sup> over the past four years. Water injection began in November 2010. Water injection rates were 280 m<sup>3</sup>/d in December 2012, through 16 wells. In December 2012, the Unit was producing 245 m<sup>3</sup>/d of oil and 113 m<sup>3</sup>/d of water. The rates and WOR are presented in Figure 2.

**Figure 2: Sinclair Unit No. 2 Production/Injection Rates and WOR vs Time**

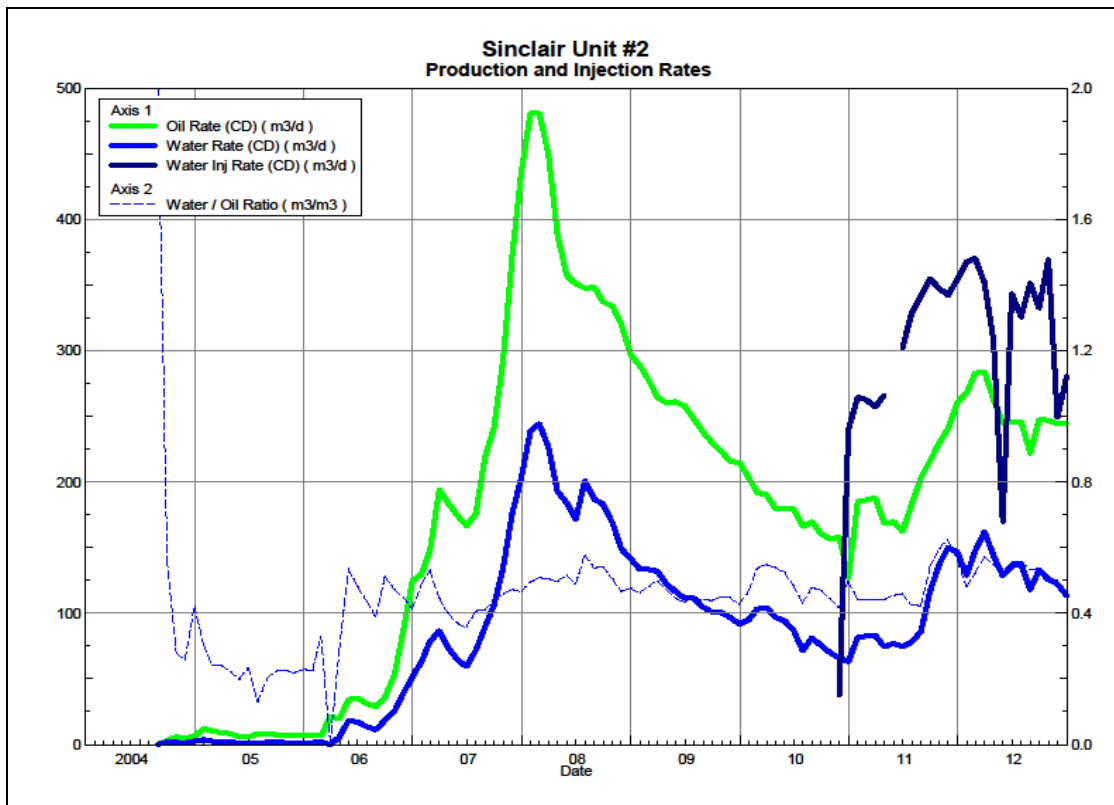
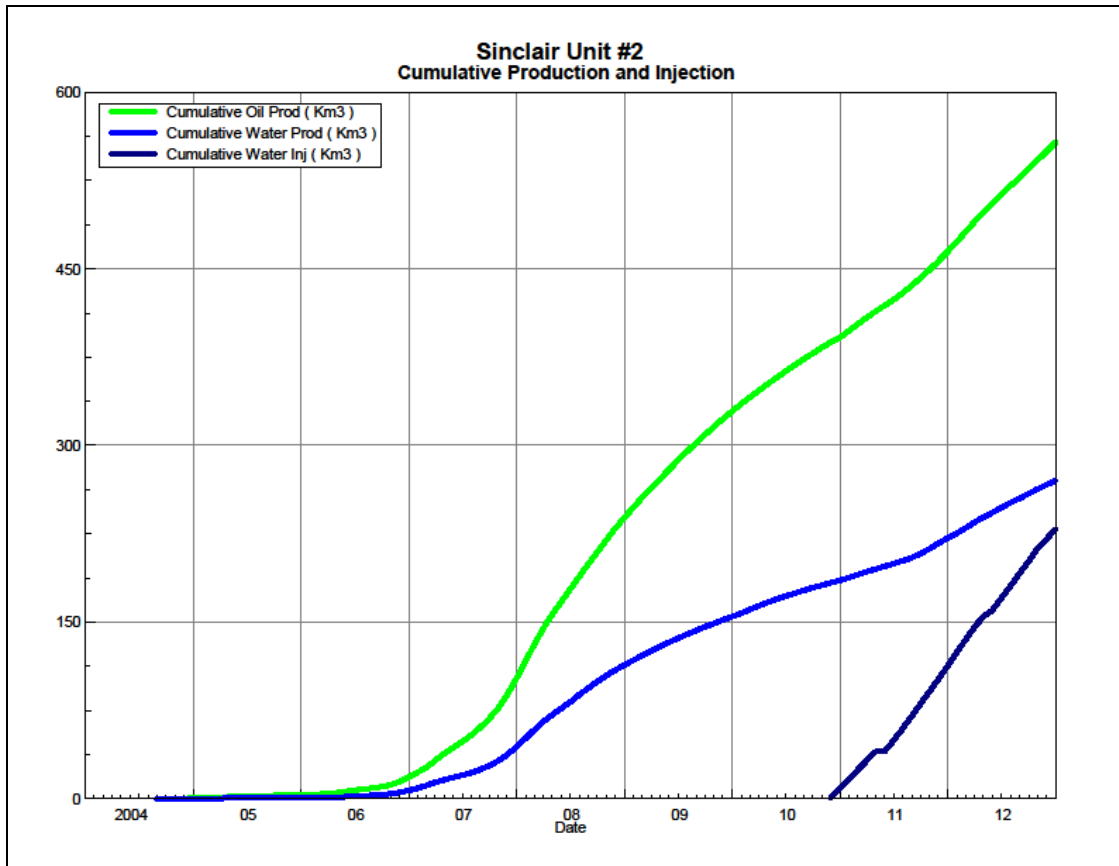


Figure 3 shows the cumulative production for Sinclair Unit No. 2 to the end of December 2012 as 557 E<sup>3</sup>m<sup>3</sup> of oil, and 270 E<sup>3</sup>m<sup>3</sup> of water, representing a 8.9 % recovery factor of the OOIP. The cumulative water injected is 229 E<sup>3</sup>m<sup>3</sup>.

**Figure 3: Sinclair Unit No. 2 Cumulative Oil, Water and Water Injected vs Time**



### **Waterflood Development Plan**

#### **Sinclair Unit No. 2 Waterflood (WF) Development Plan**

Sinclair Unit No. 2 is still in the early stages of water injection, with injection just beginning in November 2010. In order to maximize recoverable oil in place from the Unit, the remaining horizontal injectors, where deemed technically necessary, will be produced for a short period prior to being converted to water injectors. All injection wells are fracture stimulated to improve the injection rates.

Waterflood performance by injector pattern will be discussed in a later section.

## **Waterflood EOR Operating Strategy and Performance**

### **Water Source and Quality**

The injection water for Sinclair Unit No. 2 is sourced from the Lodgepole formation of the 16-32-007-29W1 well. The water is treated at the 03-04-008-29W1 battery where it is filtered to 0.5 microns and has scale inhibitor added. The injection water is then distributed to the injectors through the dedicated infrastructure system.

### **Injection Wellhead Pressures**

The monthly wellhead injection pressures for each injection well are summarized in Appendix A. Since injection in this Unit is still in the early stages a few of the injectors show very low wellhead pressure, this is due to the low reservoir pressures in the pattern area. As fill-up occurs the wellhead pressures begin to register.

### **Reservoir Pressure**

Tundra is committed to collecting pressures from every new openhole injection well drilled. It is not possible to collect a meaningful pressure for wells completed as cemented liners. Currently, for Sinclair Unit No. 2 the pressure data from 22 locations is available. Appendix B summarizes these results. The pressures were corrected to a common datum of -450 m SS for comparison. The table shows quite a range in pressure, from a low of 2700 kPaa to a high of 7400 kPaa. These values appear reasonable given their location in the pool and the corresponding production voidage in the surrounding area.

### **Well Servicing**

The following table summarizes the well servicing performed within Sinclair Unit No. 2 during 2012:

**Table 1: Sinclair Unit No. 2 Well Servicing**

100/14-07-007-28W1/00	Pump Change	02/11/2012
100/04-17-007-28W1/00	Scale Squeeze	15/10/2012
103/05-18-007-28W1/00	Pump Change, Repair Tubing Leak	31/01/2012
100/14-30-007-28W1/00	Pump Change	25/09/2012
100/02-31-007-28W1/00	Pump Change	09/01/2012
100/07-25-007-29W1/00	Scale Squeeze	16/10/2012

## **Voidage Replacement**

Tundra injects water for a minimum 1-3 year period to re-pressurize the reservoir due to cumulative primary production voidage and corresponding pressure depletion. During the initial fill-up period, the instantaneous voidage replacement ratio (VRR) ranges between 2 and 5 and averages approximately 1.25 to 2.0 by individual patterns. The injector pattern VRRs will be discussed in the waterflood performance section of the report.

## **Waterflood Performance Discussion**

At the end of 2012, Sinclair Unit No. 2 waterflood area had 33 of the 34 injection wells drilled, 16 of these wells are injecting into the Unit, 16 wells are producing and 1 is waiting on completion. Water injection started in mid-November 2010 at the 02/09-30 injector. Half of the proposed injectors were producing at the end of 2012, therefore, waterflood performance analysis will not be relevant until at least the 2013 Annual Report. A summary table of the injector patterns is presented in Appendix C. Plots and tables of the production and injection data along with the VRR information are presented in Appendix D for each of the injector patterns.

## List of Appendices

Appendix A: Monthly Injection Wellhead Pressures Table and Plots

Appendix B: Sinclair Unit No. 2 Reservoir Pressure Summary Table

Appendix C: Sinclair Unit No. 2 Injection Pattern Summary

Appendix D: Injector Pattern Production/Injection Rates, Cumulatives and VRRs  
Plots and Tables for the following injectors:

02/12-04-007-28W1  
02/16-05-007-28W1  
02/09-06-007-28W1  
02/15-06-007-28W1  
02/05-07-007-28W1  
03/05-07-007-28W1  
02/12-07-007-28W1  
02/13-07-007-28W1  
02/08-08-007-28W1  
03/08-08-007-28W1  
02/09-08-007-28W1  
02/01-17-007-28W1  
03/01-17-007-28W1  
02/08-17-007-28W1  
02/09-17-007-28W1  
02/05-18-007-28W1  
03/05-18-007-28W1  
02/12-18-007-28W1  
02/04-19-007-28W1  
03/04-19-007-28W1  
02/12-19-007-28W1  
03/16-19-007-28W1  
02/01-30-007-28W1  
02/04-30-007-28W1  
02/08-30-007-28W1  
02/09-30-007-28W1  
03/14-30-007-29W1  
02/16-30-007-28W1  
02/15-13-007-29W1  
02/12-24-007-29W1  
02/04-25-007-29W1  
04/08-25-007-29W1  
02/12-25-007-29W1  
03/12-25-007-29W1



## Appendix A

### Average Monthly Injection Pressure (kPag)

Month	Injection Pressure						
	Section 07		Section 17			Section 18	
	102/12-07	102/13-07	102/01-17	102/09-17	103/01-17	102/05-18	102/12-18
Nov-10	-	-	-	-	-	-	-
Dec-10	0	-	0	7	0	0	7
Jan-11	0	-	0	150	0	340	123
Feb-11	1627	-	0	1138	0	1804	591
Mar-11	2595	-	97	1965	71	2939	1302
Apr-11	3525	-	564	2690	733	3658	2193
May-11	3897	-	1100	3169	1076	4117	2621
Jun-11	4463	0	1788	3738	1638	4672	3235
Jul-11	4968	0	2900	4469	2958	5010	4123
Aug-11	5098	0	3452	4852	3410	5027	4547
Sep-11	5373	13	3964	5092	3878	5227	4920
Oct-11	5469	387	4450	5379	4221	5500	5000
Nov-11	5490	660	4735	5500	4393	5500	5000
Dec-11	5713	1406	4913	5484	4616	5702	5187
Jan-12	6111	2200	5019	5498	4752	6181	5503
Feb-12	6101	3100	5001	5478	4994	6278	5496
Mar-12	6004	3916	5019	5479	5027	6292	5227
Apr-12	6015	4594	5068	5415	4905	6118	5472
May-12	4033	2761	3553	3440	2680	4818	3054
Jun-12	6058	4895	5496	6135	4858	6276	5288
Jul-12	5988	4755	5497	6139	4997	6203	5606
Aug-12	6141	5420	5590	6184	5140	6247	5719
Sep-12	5915	5391	5695	6059	5215	6104	5841
Oct-12	6203	6164	5961	6276	5440	6278	6115
Nov-12	5341	5416	5284	5400	4759	5645	5227
Dec-12	5319	5633	5553	5716	4429	5886	5599

## Appendix A

### Average Monthly Injection Pressure (kPag)

Month	Injection Pressure								
	Section 19			Section 30		Section 24	Section 25		
	102/04-19	102/12-19	103/16-19	102/08-30	102/09-30	102/12-24	102/04-25	102/12-25	103/12-25
Nov-10	-	-	0	-	0	0	0	0	0
Dec-10	13	-	0	-	0	381	0	0	0
Jan-11	0	-	16	-	0	2021	58	0	394
Feb-11	0	-	100	-	0	2929	716	0	1443
Mar-11	13	0	29	-	0	3718	1361	0	2160
Apr-11	751	0	0	-	0	4000	1950	43	2860
May-11	1808	-	0	-	0	4314	2569	419	3386
Jun-11	2938	-	405	0	442	4823	3352	1103	4127
Jul-11	4084	0	1668	0	1834	5000	4155	1981	4927
Aug-11	4787	0	2292	0	2255	5000	4358	2487	5000
Sep-11	5225	0	2895	0	2159	5147	4908	2912	5001
Oct-11	5500	0	3695	31	3019	5465	5015	3218	5053
Nov-11	5500	22	3907	815	3295	5500	5000	3482	5098
Dec-11	5760	449	4066	1817	3230	5676	5187	3947	5211
Jan-12	6210	821	4440	3069	3860	5956	5470	4687	5520
Feb-12	6280	1353	4512	3820	4318	6282	5425	4986	5497
Mar-12	6278	1728	4555	4177	4413	6262	5477	4989	5388
Apr-12	6005	2107	4628	4513	4287	6194	5583	4645	5364
May-12	2862	668	2937	2993	1721	5224	4437	2949	4253
Jun-12	6176	1857	4665	4916	3577	6237	5966	4462	5447
Jul-12	5626	2870	4961	4822	4071	6218	6174	4989	5427
Aug-12	6132	3931	5046	5474	4838	6245	6054	5314	6018
Sep-12	5979	4160	5198	5970	5090	6157	6161	4964	6203
Oct-12	6284	4874	5416	6186	5598	6251	6288	5654	6249
Nov-12	4742	4344	4901	4811	4785	4605	4430	4972	5738
Dec-12	5330	4815	5231	5014	5320	2873	2569	5465	5870

Sinclair Unit #2 - Pressure Summary

Sinclair Horizontal Well Pressures

-450 m SS (datum depth)  
8.25 kPa/m (pressure gradient)  
93 kPa added to gauge pressure

Location	KB m	Open Hole	mKB		mTVD	MPP mKB	MPP mTVD	MPP mSS	Last Stable P	Pres @ MPP (kPaa)	Corrected to Datum	Start Date	End Date	Shut-in (days)	Last Temp °C
														0	
102/12-04-007-28W1/00	493.72	1102.5	2066	971.2	978.57	1584.25	974.86	-481.14	3937	4090	3833	13-Aug-11	27-Aug-11	14	34.0
102/09-06-007-28W1/00	491.98	1091.0	2079.0	969.9	977.38	1585.00	973.62	-481.64	4661	4800	4539	19-Aug-11	28-Aug-11	9	34.1
102/15-06-007-28W1/00	497.09	1114.5	2167.0	973.4	980.27	1640.75	976.84	-479.75	3647	3800	3555	6-Aug-11	13-Aug-11	7	34.3
103/05-07-007-28W1/00	498.37	1167	2376.0	972.1	980.4	1771.5	976.2	-477.85	4470	4627	4397	17-Nov-11	2-Dec-11	15	33.2
104/05-07-007-28W1/00														0	
102/12-07-007-28W1/00														0	
102/13-07-007-28W1/00														0	
102/01-08-007-28W1/00	497.67	1119.5	1966.0	973.2	975.4	1542.75	974.42	-476.75	4488	4641	4420	30-Jul-11	10-Aug-11	11	33.9
102/08-08-007-28W1/00														0	
103/08-08-007-28W1/00	500.35	1106.5	2505.0	975.3	970.0	1805.8	972.6	-472.27	3206	3252	3068	8-Dec-11	4-Jan-12	27	33.2
102/09-08-007-28W1/00														0	
102/01-17-007-28W1/00	491.54	1073.5	2487.0	953.5	954.93	1780.25	954.19	-462.65	3644	3854	3750	5-Sep-10	15-Sep-10	10	32.8
103/01-17-007-28W1/00	491.47	1074.0	2332.0	957.4	954.14	1703.00	955.78	-464.31	3326	3475	3357	28-Aug-10	15-Sep-10	18	30.5
102/08-17-007-28W1/00	491.64	1064.0	2238.4	956.9	950.5	1651.20	953.70	-462.06	3508	3505	3406	3-Feb-11	19-Jun-11	136	
102/09-17-007-28W1/00	461.62	1060.5	2317.0	947.8	944.77	1688.75	946.26	-484.64	2833	2965	2679	11-Sep-10	26-Sep-10	15	32.9
102/05-18-007-28W1/00	491.66	1086.5	2370.0	955.5	965.38	1728.25	960.42	-468.76	5118	5363	5209	11-Sep-10	29-Sep-10	18	32.8
103/05-18-007-28W1/00	491.49	1086.5	2370.0	955.5	965.4	1728.50	960.45	-468.96	3351	3725	3568	22-Jan-11	6-Jul-11	165	32.5
102/12-18-007-28W1/00	491.39	1074.0	2580.0	948.8	958.13	1827.00	953.46	-462.07	2730	2966	2867	19-Sep-10	26-Sep-10	7	32.8
102/04-19-007-28W1/00	492.47	1070.5	2429.0	950.8	957.1	1749.75	953.93	-461.46	2785	3034	2939	8-Aug-10	17-Aug-10	9	32.8
103/04-19-007-28W1/00														0	
102/12-19-007-28W1/00														0	
103/16-19-007-28W1/00	506.91	1074.5	2503.0	964.2	959.51	1788.75	961.83	-454.92	2792	2919	2879	30-Aug-10	11-Sep-10	12	32.4
102/01-30-007-28W1/00														0	
102/04-30-007-28W1/00	496.6	1065.0	2365.0	945.6	950.04	1715.0	947.8	-451.215	3225	3313	3303	30-Sep-11	9-Oct-11	9	32.5
102/08-30-007-28W1/00														0	
102/09-30-007-28W1/00	499.98	1060.0	2479.0	948.9	951.09	1769.50	949.97	-449.99	3788	3963	3963	22-Aug-10	3-Sep-10	12	31.9
102/01-31-007-28W1/00														0	
102/15-13-007-29W1/00														0	
102/12-24-007-29W1/00	507.02	1070.5	2341.0	967.2	975.0	1705.75	971.11	-464.09	7291	7509	7392	5-Sep-10	13-Sep-10	8	32.2
102/04-25-007-29W1/00	507.38	1099.5	2345.0	966.0	973.07	1722.25	969.51	-462.13	4151	4343	4243	30-Sep-10	22-Oct-10	22	31.9
104/08-25-007-29W1/00	511.04	1092.5	2356.0	973.3	967.55	1724.25	970.42	-459.38	3558	3710	3633	24-Sep-11	27-Sep-11	3	32.25
102/12-25-007-29W1/00	503.35	1078.0	2345.0	955.5	966.42	1711.50	960.94	-457.59	4940	5173	5110	12-Aug-10	18-Aug-10	6	32.7
103/12-25-007-29W1/00	500.13	1057.5	2328.0	950.3	959.1	1692.75	954.69	-454.56	3828	4069	4032	15-Aug-10	27-Aug-10	12	31.9
102/15-25-007-29W1/00														0	

	Cemented liner - no pressure available														
AVERAGE	496.1	1085.8	2333.8	960.5	964.3	1709.8	962.4	-466.3		4050	3915.5			15.6	32.7

## Appendix C

### Sinclair Unit No. 2 Injection Pattern Summary as of December 2012

Pattern Name	Injector BH Location (007-28W1)	Injector Surface Location (007-28W1)	Status	Supported Wells (007-28W1)	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
02/12-04-007-28W1 Injector	02/12-04	14-05	Capable of OIL Prod	12-04, 13-04, 09-05, 10-05, 15-05, 16-05	6	0.5	Jan 2007	-	3.7	4.9	1.35	-	9.1	9.6	-	-	-
02/16-05-007-28W1 Injector	02/16-05	14-May	Capable of OIL Prod	14-05, 15-05, 16-05, 01-08, 02-08, 03-08	8	0.5	Sep 2007	-	4.4	2.7	0.60	-	10.4	7.4	-	-	-
02/09-06-007-28W1 Injector	02/09-06	15-05	Capable of OIL Prod	11-05, 12-05, 13-05, 14-05, 09-06, 16-06	6	0.5	Sep 2006	-	4.8	3.2	0.67	-	8.3	7.1	-	-	-
02/15-06-007-28W1 Injector	02/15-06	14-05	Capable of OIL Prod	13-05, 15-06, 16-06, 01-07, 02-07, 04-08	6	0.5	Sep 2006	-	5.3	3.3	0.62	-	10.8	6.8	-	-	-
02/05-07-007-28W1 Injector	02/05-07	01-07	Capable of OIL Prod	01-07, 02-07, 03-07, 04-07, 05-07, 06-07, 07-07, 08-07	8	0.5	Jan 2007	-	7.4	3.8	0.51	-	13.7	12.3	-	-	-
03/05-07-007-28W1 Injector	03/05-07	09-07	Capable of OIL Prod	05-07, 06-07, 07-07, 08-07, 09-07, 10-07, 11-07, 12-07	8	0.5	Jan 2007	-	6.9	4.8	1.01	-	12.7	13.3	-	-	-
02/12-07-007-28W1 Injector	02/12-07	16-07	WTR Injection	09-07, 10-07, 11-07, 12-07, 13-07, 14-07, 15-07, 16-07	8	0.5	Dec 2007	Dec 2010	2.9	5.9	2.01	13.9	8.9	12.0	14.1	1.5	0.66
02/13-07-007-28W1 Injector	02/13-07	04-17	WTR Injection	13-07, 14-07, 15-07, 16-07, 01-18, 02-18, 03-18, 04-18	8	0.5	Oct 2006	Jun 2011	3.7	5.1	1.37	4.8	10.0	10.0	9.0	0.5	0.44
02/08-08-007-28W1 Injector	02/08-08	09-07	Capable of OIL Prod	05-08, 06-08, 07-08, 08-08, 09-08, 10-08, 11-08, 12-08	6	0.5	Jan 2007	-	6.5	3.1	0.47	-	12.5	7.7	-	-	-
03/08-08-007-28W1 Injector	03/08-08	08-07	Capable of OIL Prod	01-08, 02-08, 03-08, 04-08, 05-08, 06-08, 07-08, 08-08	8	0.5	Sep 2007	-	7.0	2.9	0.41	-	13.5	8.2	-	-	-
02/09-08-007-28W1 Injector	02/09-08	09-07	Capable of OIL Prod	09-08, 10-08, 11-08, 12-08, 13-08, 14-08, 15-08, 16-08	8	0.5	Feb 2007	-	12.8	5.2	0.40	-	16.3	7.8	-	-	-
02/01-17-007-28W1 Injector	02/01-17	01-18	WTR Injection	01-17, 02-17, 03-17, 04-17, 05-17, 06-17, 07-17, 08-17	8	0.5	Sep 2006	Dec 2010	5.8	2.8	0.48	32.3	16.5	7.1	17.9	3.6	0.72
03/01-17-007-28W1 Injector	03/01-17	13-08	WTR Injection	13-08, 14-08, 15-08, 16-08, 01-17, 02-17, 03-17, 04-17	8	0.5	Sep 2006	Dec 2010	6.5	2.5	0.38	33.9	16.7	6.6	18.9	3.6	0.78
02/08-17-007-28W1 Injector	02/08-17	12-17	Capable of OIL Prod	05-17, 06-17, 07-17, 08-17, 09-17, 10-17, 11-17, 12-17	8	0.5	Sep 2006	-	11.9	6.0	0.50	-	19.3	8.2	-	-	-
02/09-17-007-28W1 Injector	02/09-17	13-17	WTR Injection	09-17, 10-17, 11-17, 12-17	4	0.5	Sep 2006	Dec 2010	8.1	2.1	0.26	14.1	20.3	6.4	13.7	1.3	0.49
				13-17, 14-17, 15-17, 16-17	4	0.7											
02/05-18-007-28W1 Injector	02/05-18	08-18	WTR Injection	01-18, 02-18, 03-18, 04-18, 05-18, 06-18, 07-18, 08-18	8	0.5	Oct 2006	Dec 2010	4.2	2.6	0.62	5.5	12.4	5.4	11.4	0.8	0.61
03/05-18-007-28W1 Injector	03/05-18	12-17	Capable of OIL Prod	05-18, 06-18, 07-18, 08-18, 09-18, 10-18, 11-18, 12-18	8	0.5	Jul 2007	-	11.1	4.6	0.41	-	17.4	7.6	-	-	-
02/12-18-007-28W1 Injector	02/12-18	13-17	WTR Injection	09-18, 10-18, 11-18, 12-18, 13-18, 14-18, 15-18, 16-18	8	0.5	Dec 2004	Dec 2010	7.0	1.5	0.21	21.0	18.9	6.3	16.2	2.4	0.61
02/04-19-007-28W1 Injector	02/04-19	16-18	WTR Injection	13-18, 14-18, 15-18, 16-18, 01-19, 02-19, 03-19, 04-19	8	0.5	Dec 2004	Dec 2010	8.0	1.9	0.23	15.7	21.4	6.2	13.7	1.5	0.47
03/04-19-007-28W1 Injector	03/04-19	01-19	Capable of OIL Prod	01-19, 02-19, 03-19, 04-19, 05-19, 06-19, 07-19, 08-19	8	0.5	Mar 2006	-	13.0	3.6	0.28	-	23.2	7.4	-	-	-
02/12-19-007-28W1 Injector	02/12-19	09-19	WTR Injection	05-19, 06-19, 07-19, 08-19, 09-19, 10-19, 11-19, 12-19	8	0.5	Mar 2006	Mar 2011	8.2	1.5	0.18	27.2	20.0	5.3	11.6	2.7	0.43
03/16-19-007-28W1 Injector	03/16-19	16-24 (007-29W1)	WTR Injection	09-19, 10-19, 11-19, 12-19, 13-19, 14-19, 15-19, 16-19	8	0.5	Nov 2006	Nov 2010	7.8	1.5	0.19	33.2	21.4	4.8	19.2	3.4	0.69
02/01-30-007-28W1 Injector	02/01-30	01-25 (007-29W1)	Capable of OIL Prod	13-19, 14-19, 15-19, 16-19, 01-30, 02-30, 03-30, 04-30	8	0.5	Mar 2006	-	9.8	2.3	0.24	-	20.4	6.3	-	-	-
02/04-30-007-28W1 Injector	02/04-30	01-30	Capable of OIL Prod	01-30, 02-30, 03-30, 04-30, 05-30, 06-30, 07-30, 08-30	8	0.5	Mar 2006	-	8.4	3.1	0.36	-	16.0	6.4	-	-	-
02/08-30-007-28W1 Injector	02/08-30	08-25 (007-29W1)	WTR Injection	05-30, 06-30, 07-30, 08-30, 09-30, 10-30, 11-30, 12-30	8	0.5	Mar 2006	Jun 2011	5.1	0.9	0.18	5.0	14.5	4.5	9.9	0.8	0.50
02/09-30-007-28W1 Injector	02/09-30	09-25 (007-29W1)	WTR Injection	09-30, 10-30, 11-30, 12-30, 13-30, 14-30, 15-30, 16-30	8	0.5	Oct 2006	Nov 2010	5.5	1.2	0.22	35.0	15.0	6.5	19.0	4.9	0.84

## Appendix C

## Sinclair Unit No. 2 Injection Pattern Summary as of December 2012

[illegible]

**Appendix D**  
**Rates and VRR**  
**Plots and Tables**

# Pattern: 02/12-04-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 1.35 m3/m3

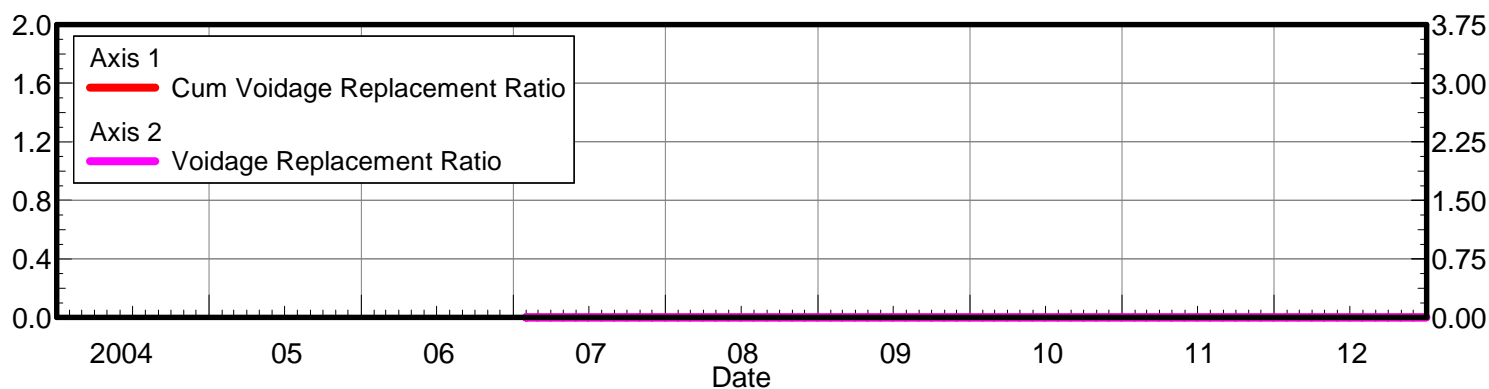
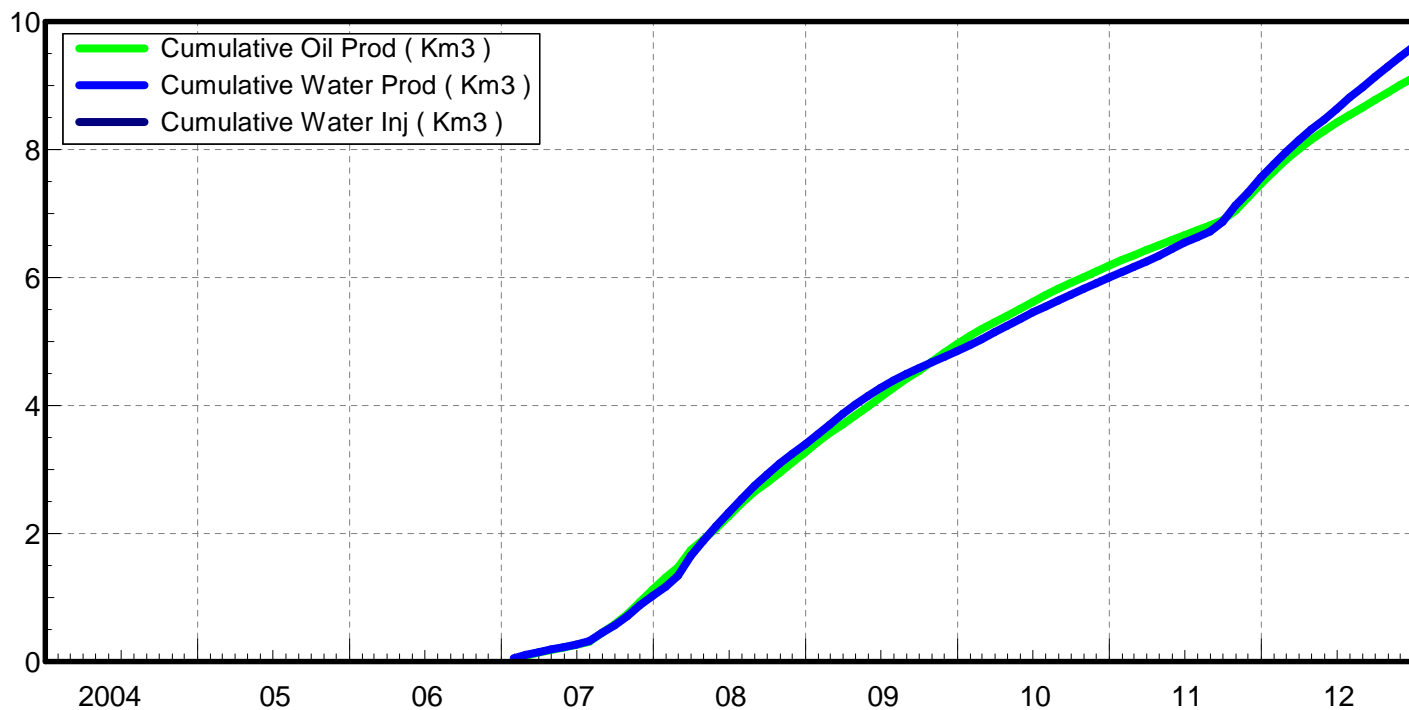
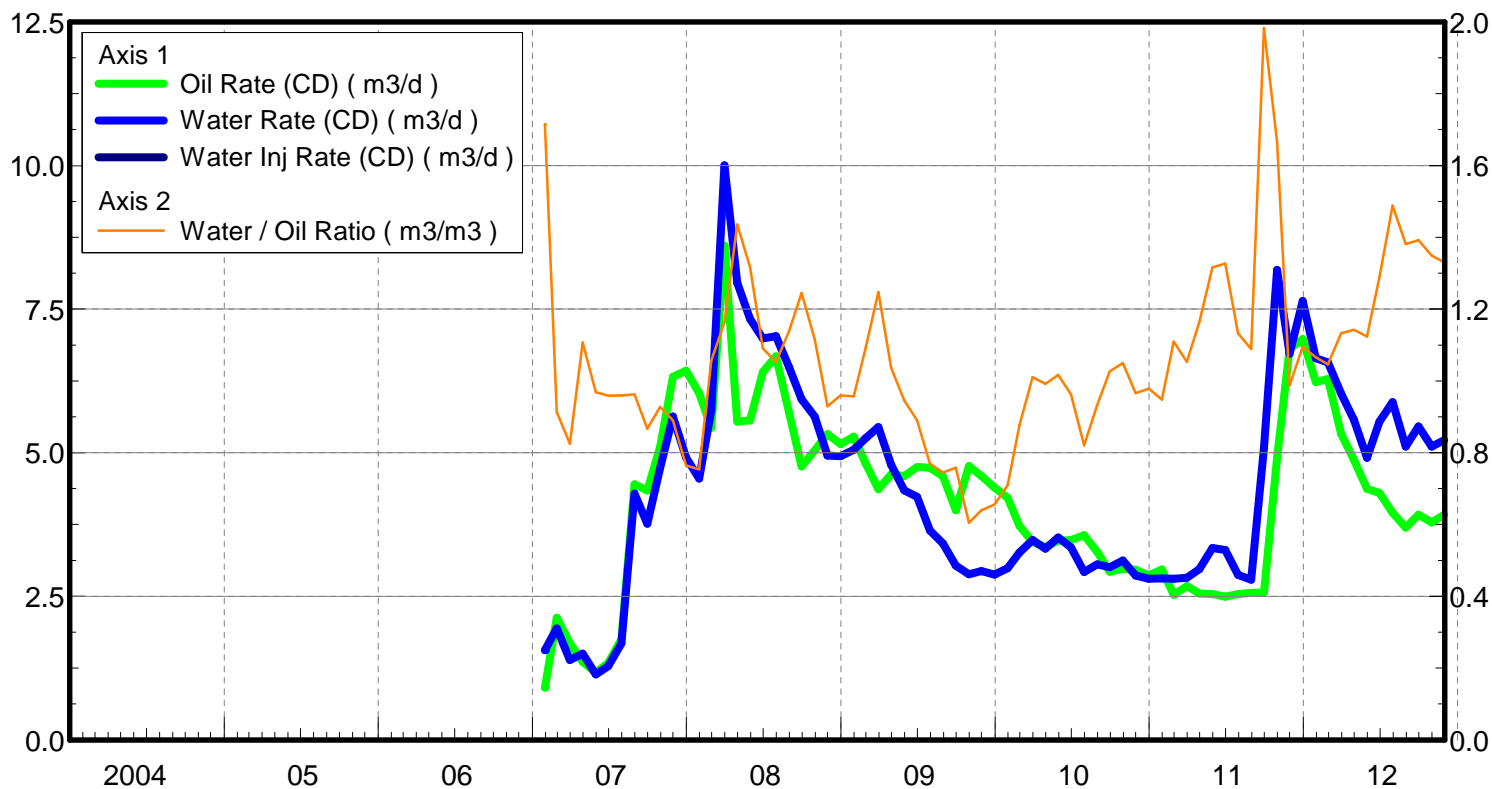
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 3.65 m3/d

Water Rate (CD) : 4.91 m3/d

Water Inj Rate (CD) : \* 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 Replacemnt Ratio
1/31/2007	0.91	1.56	1.72		0.03	0.05	0.00	0.000	0.000
2/28/2007	2.13	1.94	0.91		0.09	0.10	0.00	0.000	0.000
3/31/2007	1.69	1.39	0.83		0.14	0.15	0.00	0.000	0.000
4/30/2007	1.36	1.50	1.11		0.18	0.19	0.00	0.000	0.000
5/31/2007	1.18	1.14	0.97		0.22	0.23	0.00	0.000	0.000
6/30/2007	1.34	1.28	0.96		0.26	0.26	0.00	0.000	0.000
7/31/2007	1.75	1.68	0.96		0.31	0.32	0.00	0.000	0.000
8/31/2007	4.45	4.29	0.96		0.45	0.45	0.00	0.000	0.000
9/30/2007	4.34	3.77	0.87		0.58	0.56	0.00	0.000	0.000
10/31/2007	5.10	4.73	0.93		0.74	0.71	0.00	0.000	0.000
11/30/2007	6.32	5.63	0.89		0.93	0.88	0.00	0.000	0.000
12/31/2007	6.43	4.91	0.76		1.13	1.03	0.00	0.000	0.000
1/31/2008	6.04	4.55	0.75		1.31	1.17	0.00	0.000	0.000
2/29/2008	5.44	5.74	1.06		1.47	1.34	0.00	0.000	0.000
3/31/2008	8.60	10.00	1.16		1.74	1.65	0.00	0.000	0.000
4/30/2008	5.54	7.96	1.44		1.90	1.89	0.00	0.000	0.000
5/31/2008	5.56	7.33	1.32		2.08	2.11	0.00	0.000	0.000
6/30/2008	6.41	6.99	1.09		2.27	2.32	0.00	0.000	0.000
7/31/2008	6.68	7.03	1.05		2.48	2.54	0.00	0.000	0.000
8/31/2008	5.70	6.49	1.14		2.65	2.74	0.00	0.000	0.000
9/30/2008	4.76	5.93	1.25		2.80	2.92	0.00	0.000	0.000
10/31/2008	5.04	5.63	1.12		2.95	3.10	0.00	0.000	0.000
11/30/2008	5.33	4.95	0.93		3.11	3.24	0.00	0.000	0.000
12/31/2008	5.15	4.94	0.96		3.27	3.40	0.00	0.000	0.000
1/31/2009	5.28	5.05	0.96		3.44	3.55	0.00	0.000	0.000
2/28/2009	4.82	5.25	1.09		3.57	3.70	0.00	0.000	0.000
3/31/2009	4.37	5.45	1.25		3.71	3.87	0.00	0.000	0.000
4/30/2009	4.62	4.79	1.04		3.84	4.01	0.00	0.000	0.000
5/31/2009	4.59	4.34	0.95		3.99	4.15	0.00	0.000	0.000
6/30/2009	4.75	4.23	0.89		4.13	4.27	0.00	0.000	0.000
7/31/2009	4.74	3.65	0.77		4.28	4.39	0.00	0.000	0.000
8/31/2009	4.59	3.42	0.74		4.42	4.49	0.00	0.000	0.000
9/30/2009	4.00	3.03	0.76		4.54	4.58	0.00	0.000	0.000
10/31/2009	4.77	2.88	0.60		4.69	4.67	0.00	0.000	0.000
11/30/2009	4.60	2.94	0.64		4.82	4.76	0.00	0.000	0.000
12/31/2009	4.39	2.88	0.66		4.96	4.85	0.00	0.000	0.000
1/31/2010	4.22	2.99	0.71		5.09	4.94	0.00	0.000	0.000
2/28/2010	3.72	3.26	0.88		5.20	5.04	0.00	0.000	0.000
3/31/2010	3.45	3.48	1.01		5.30	5.14	0.00	0.000	0.000
4/30/2010	3.36	3.33	0.99		5.40	5.24	0.00	0.000	0.000
5/31/2010	3.47	3.52	1.02		5.51	5.35	0.00	0.000	0.000
6/30/2010	3.48	3.35	0.96		5.61	5.45	0.00	0.000	0.000
7/31/2010	3.56	2.92	0.82		5.72	5.54	0.00	0.000	0.000
8/31/2010	3.28	3.05	0.93		5.83	5.64	0.00	0.000	0.000
9/30/2010	2.93	3.01	1.03		5.91	5.73	0.00	0.000	0.000
10/31/2010	2.98	3.12	1.05		6.01	5.83	0.00	0.000	0.000
11/30/2010	2.96	2.86	0.97		6.10	5.91	0.00	0.000	0.000
12/31/2010	2.87	2.81	0.98		6.18	6.00	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
1/31/2011	2.97	2.81	0.95		6.28	6.09	0.00	0.000	0.000
2/28/2011	2.53	2.81	1.11		6.35	6.16	0.00	0.000	0.000
3/31/2011	2.68	2.82	1.05		6.43	6.25	0.00	0.000	0.000
4/30/2011	2.55	2.97	1.16		6.51	6.34	0.00	0.000	0.000
5/31/2011	2.54	3.34	1.32		6.59	6.44	0.00	0.000	0.000
6/30/2011	2.49	3.31	1.33		6.66	6.54	0.00	0.000	0.000
7/31/2011	2.54	2.87	1.13		6.74	6.63	0.00	0.000	0.000
8/31/2011	2.56	2.79	1.09		6.82	6.72	0.00	0.000	0.000
9/30/2011	2.56	5.09	1.98		6.90	6.87	0.00	0.000	0.000
10/31/2011	4.91	8.18	1.67		7.05	7.13	0.00	0.000	0.000
11/30/2011	6.81	6.72	0.99		7.25	7.33	0.00	0.000	0.000
12/31/2011	6.98	7.64	1.09		7.47	7.56	0.00	0.000	0.000
1/31/2012	6.23	6.64	1.07		7.66	7.77	0.00	0.000	0.000
2/29/2012	6.28	6.57	1.05		7.84	7.96	0.00	0.000	0.000
3/31/2012	5.33	6.03	1.13		8.01	8.15	0.00	0.000	0.000
4/30/2012	4.88	5.58	1.14		8.15	8.31	0.00	0.000	0.000
5/31/2012	4.37	4.91	1.12		8.29	8.47	0.00	0.000	0.000
6/30/2012	4.30	5.54	1.29		8.42	8.63	0.00	0.000	0.000
7/31/2012	3.95	5.88	1.49		8.54	8.82	0.00	0.000	0.000
8/31/2012	3.70	5.11	1.38		8.66	8.97	0.00	0.000	0.000
9/30/2012	3.92	5.46	1.39		8.77	9.14	0.00	0.000	0.000
10/31/2012	3.78	5.10	1.35		8.89	9.30	0.00	0.000	0.000
11/30/2012	3.92	5.22	1.33		9.01	9.45	0.00	0.000	0.000
12/31/2012	3.65	4.91	1.35		9.12	9.60	0.00	0.000	0.000

# Pattern: 02/16-05-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.60 m3/m3

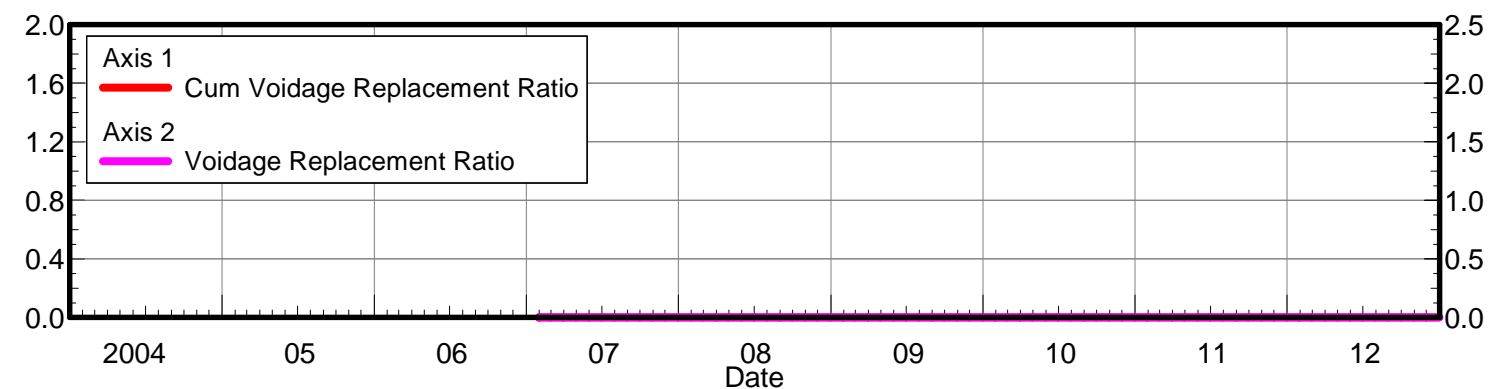
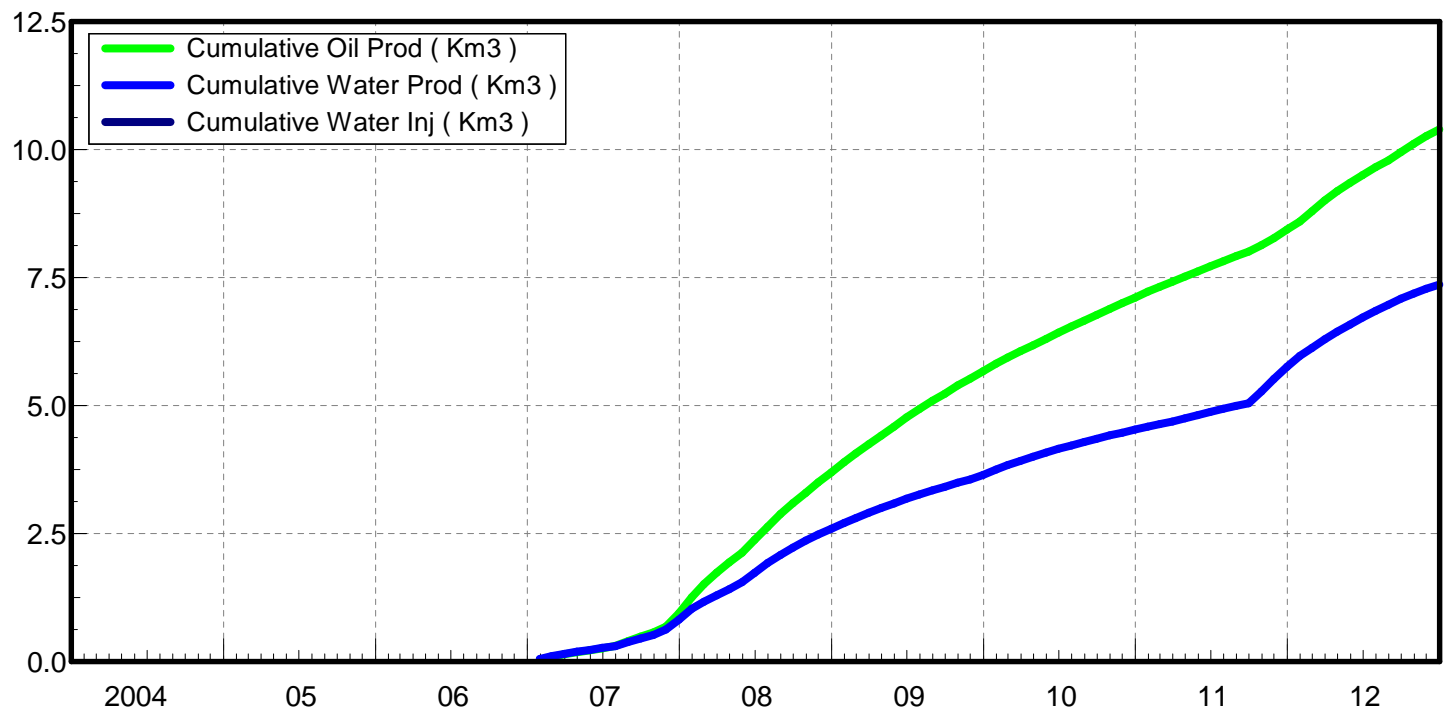
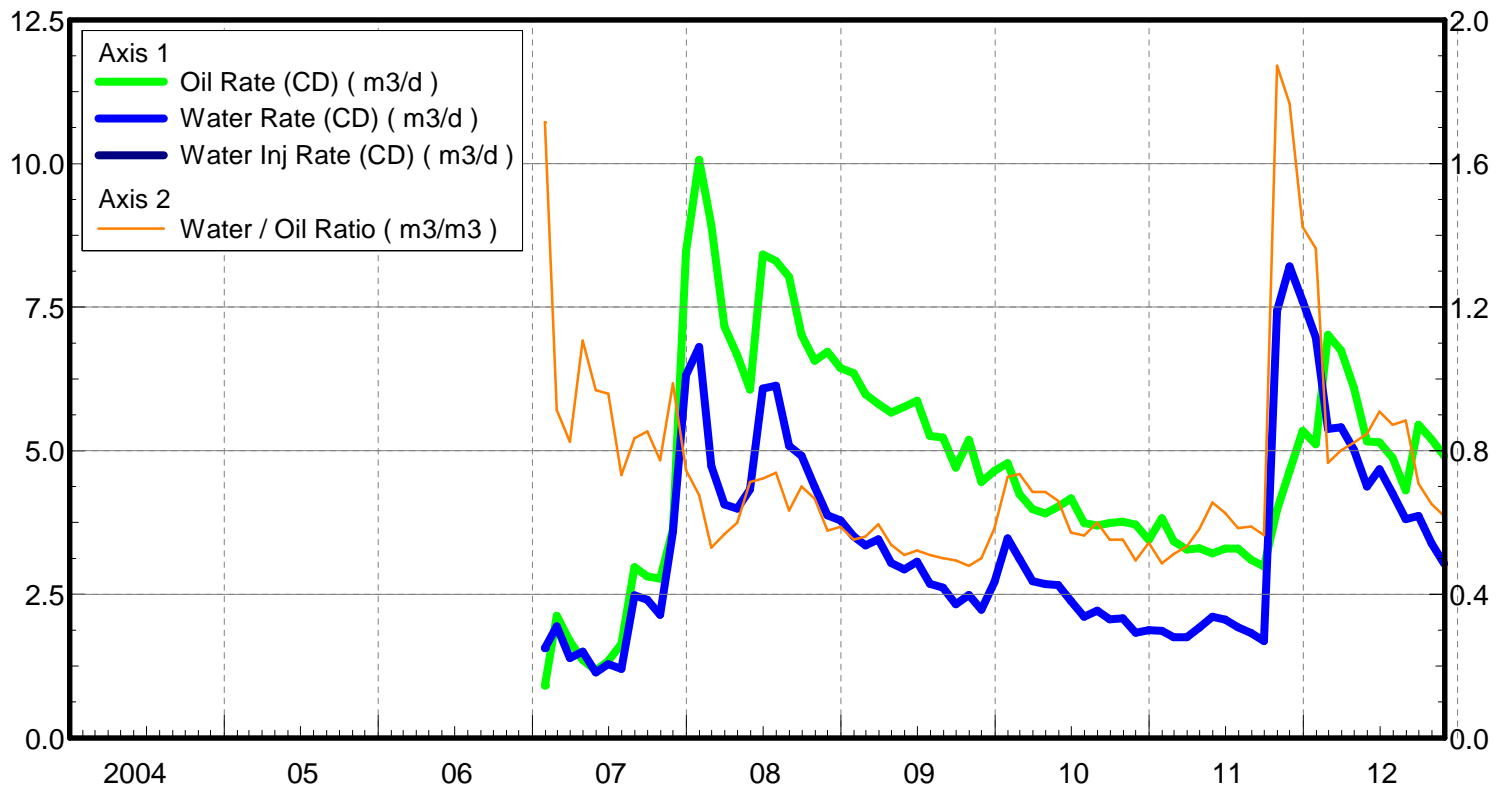
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 4.39 m3/d

Water Rate (CD) : 2.65 m3/d

Water Inj Rate (CD) : \* 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
1/31/2007	0.91	1.56	1.72		0.03	0.05	0.00	0.000	0.000
2/28/2007	2.13	1.94	0.91		0.09	0.10	0.00	0.000	0.000
3/31/2007	1.69	1.39	0.83		0.14	0.15	0.00	0.000	0.000
4/30/2007	1.36	1.50	1.11		0.18	0.19	0.00	0.000	0.000
5/31/2007	1.18	1.14	0.97		0.22	0.23	0.00	0.000	0.000
6/30/2007	1.34	1.28	0.96		0.26	0.26	0.00	0.000	0.000
7/31/2007	1.64	1.20	0.73		0.31	0.30	0.00	0.000	0.000
8/31/2007	2.97	2.48	0.84		0.40	0.38	0.00	0.000	0.000
9/30/2007	2.81	2.40	0.85		0.48	0.45	0.00	0.000	0.000
10/31/2007	2.77	2.14	0.77		0.57	0.52	0.00	0.000	0.000
11/30/2007	3.63	3.59	0.99		0.68	0.63	0.00	0.000	0.000
12/31/2007	8.46	6.31	0.75		0.94	0.82	0.00	0.000	0.000
1/31/2008	10.06	6.81	0.68		1.25	1.03	0.00	0.000	0.000
2/29/2008	8.93	4.73	0.53		1.51	1.17	0.00	0.000	0.000
3/31/2008	7.16	4.06	0.57		1.74	1.30	0.00	0.000	0.000
4/30/2008	6.66	4.00	0.60		1.93	1.41	0.00	0.000	0.000
5/31/2008	6.07	4.33	0.71		2.12	1.55	0.00	0.000	0.000
6/30/2008	8.41	6.08	0.72		2.38	1.73	0.00	0.000	0.000
7/31/2008	8.30	6.13	0.74		2.63	1.92	0.00	0.000	0.000
8/31/2008	8.03	5.09	0.63		2.88	2.08	0.00	0.000	0.000
9/30/2008	7.01	4.91	0.70		3.09	2.23	0.00	0.000	0.000
10/31/2008	6.56	4.37	0.67		3.30	2.36	0.00	0.000	0.000
11/30/2008	6.72	3.88	0.58		3.50	2.48	0.00	0.000	0.000
12/31/2008	6.44	3.78	0.59		3.70	2.60	0.00	0.000	0.000
1/31/2009	6.35	3.50	0.55		3.89	2.70	0.00	0.000	0.000
2/28/2009	5.98	3.35	0.56		4.06	2.80	0.00	0.000	0.000
3/31/2009	5.81	3.46	0.59		4.24	2.91	0.00	0.000	0.000
4/30/2009	5.66	3.05	0.54		4.41	3.00	0.00	0.000	0.000
5/31/2009	5.76	2.94	0.51		4.59	3.09	0.00	0.000	0.000
6/30/2009	5.87	3.07	0.52		4.77	3.18	0.00	0.000	0.000
7/31/2009	5.26	2.68	0.51		4.93	3.26	0.00	0.000	0.000
8/31/2009	5.23	2.62	0.50		5.09	3.34	0.00	0.000	0.000
9/30/2009	4.70	2.33	0.49		5.23	3.41	0.00	0.000	0.000
10/31/2009	5.19	2.49	0.48		5.39	3.49	0.00	0.000	0.000
11/30/2009	4.45	2.23	0.50		5.53	3.56	0.00	0.000	0.000
12/31/2009	4.65	2.72	0.58		5.67	3.64	0.00	0.000	0.000
1/31/2010	4.78	3.48	0.73		5.82	3.75	0.00	0.000	0.000
2/28/2010	4.24	3.12	0.73		5.94	3.84	0.00	0.000	0.000
3/31/2010	3.98	2.73	0.68		6.06	3.92	0.00	0.000	0.000
4/30/2010	3.91	2.67	0.68		6.18	4.00	0.00	0.000	0.000
5/31/2010	4.02	2.66	0.66		6.30	4.08	0.00	0.000	0.000
6/30/2010	4.17	2.38	0.57		6.43	4.16	0.00	0.000	0.000
7/31/2010	3.74	2.11	0.56		6.54	4.22	0.00	0.000	0.000
8/31/2010	3.70	2.21	0.60		6.66	4.29	0.00	0.000	0.000
9/30/2010	3.74	2.07	0.55		6.77	4.35	0.00	0.000	0.000
10/31/2010	3.76	2.08	0.55		6.89	4.42	0.00	0.000	0.000
11/30/2010	3.71	1.83	0.49		7.00	4.47	0.00	0.000	0.000
12/31/2010	3.45	1.87	0.54		7.11	4.53	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
1/31/2011	3.82	1.86	0.49		7.22	4.59	0.00	0.000	0.000
2/28/2011	3.42	1.75	0.51		7.32	4.64	0.00	0.000	0.000
3/31/2011	3.28	1.75	0.53		7.42	4.69	0.00	0.000	0.000
4/30/2011	3.30	1.92	0.58		7.52	4.75	0.00	0.000	0.000
5/31/2011	3.21	2.11	0.66		7.62	4.81	0.00	0.000	0.000
6/30/2011	3.29	2.06	0.63		7.72	4.88	0.00	0.000	0.000
7/31/2011	3.30	1.92	0.58		7.82	4.93	0.00	0.000	0.000
8/31/2011	3.10	1.82	0.59		7.92	4.99	0.00	0.000	0.000
9/30/2011	2.98	1.69	0.57		8.01	5.04	0.00	0.000	0.000
10/31/2011	3.97	7.44	1.87		8.13	5.27	0.00	0.000	0.000
11/30/2011	4.65	8.21	1.77		8.27	5.52	0.00	0.000	0.000
12/31/2011	5.35	7.60	1.42		8.44	5.75	0.00	0.000	0.000
1/31/2012	5.11	6.97	1.36		8.59	5.97	0.00	0.000	0.000
2/29/2012	7.02	5.38	0.77		8.80	6.13	0.00	0.000	0.000
3/31/2012	6.75	5.40	0.80		9.01	6.29	0.00	0.000	0.000
4/30/2012	6.10	5.01	0.82		9.19	6.44	0.00	0.000	0.000
5/31/2012	5.16	4.37	0.85		9.35	6.58	0.00	0.000	0.000
6/30/2012	5.14	4.68	0.91		9.50	6.72	0.00	0.000	0.000
7/31/2012	4.88	4.26	0.87		9.66	6.85	0.00	0.000	0.000
8/31/2012	4.31	3.81	0.88		9.79	6.97	0.00	0.000	0.000
9/30/2012	5.45	3.86	0.71		9.95	7.09	0.00	0.000	0.000
10/31/2012	5.20	3.39	0.65		10.11	7.19	0.00	0.000	0.000
11/30/2012	4.91	3.04	0.62		10.26	7.28	0.00	0.000	0.000
12/31/2012	4.39	2.65	0.60		10.40	7.36	0.00	0.000	0.000

# Pattern: 02/09-06-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.67 m3/m3

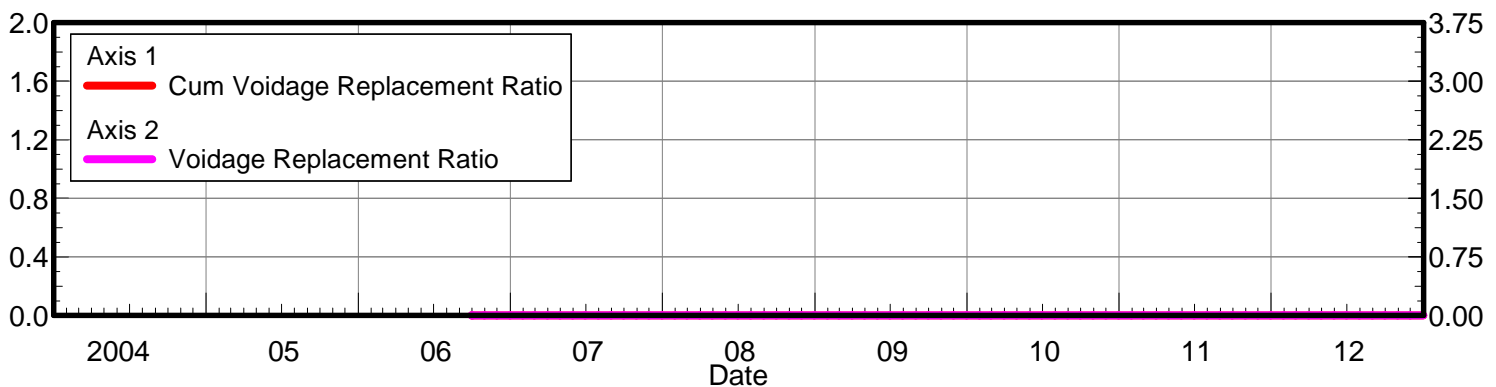
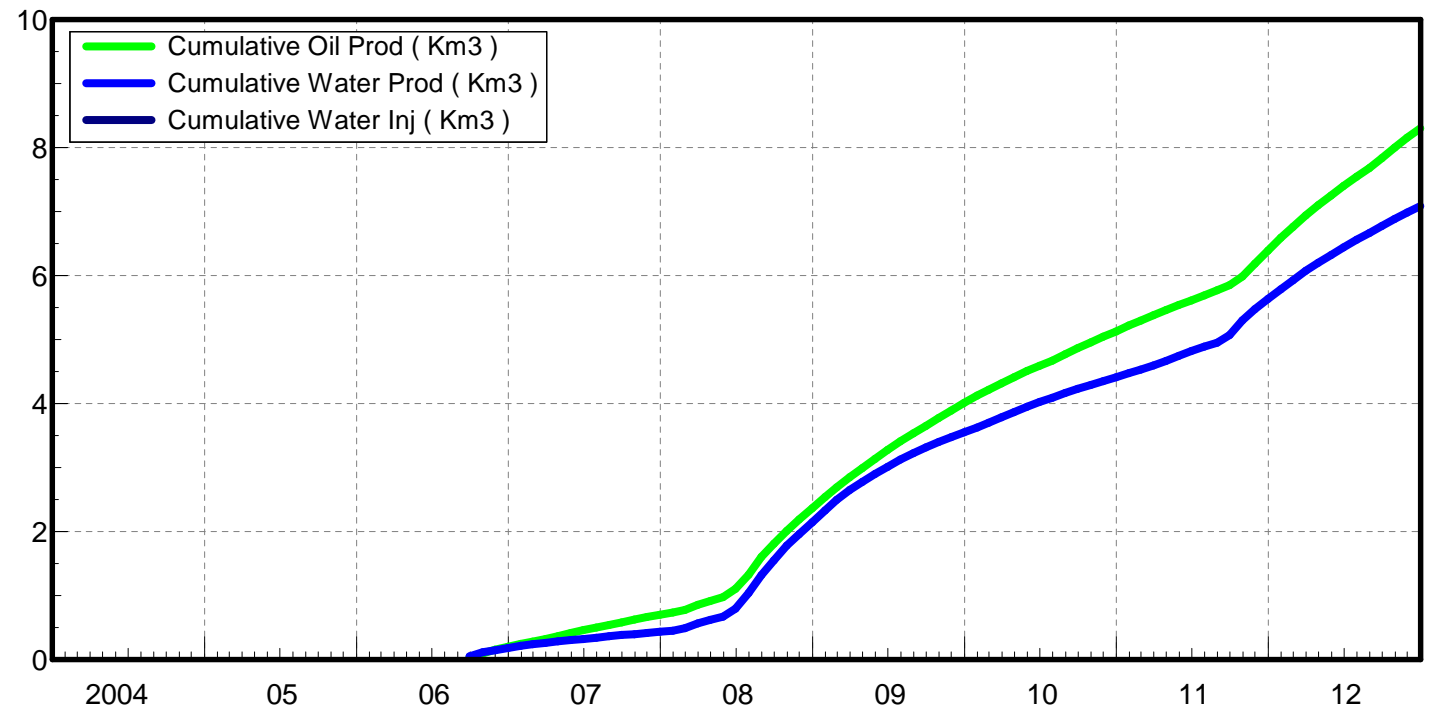
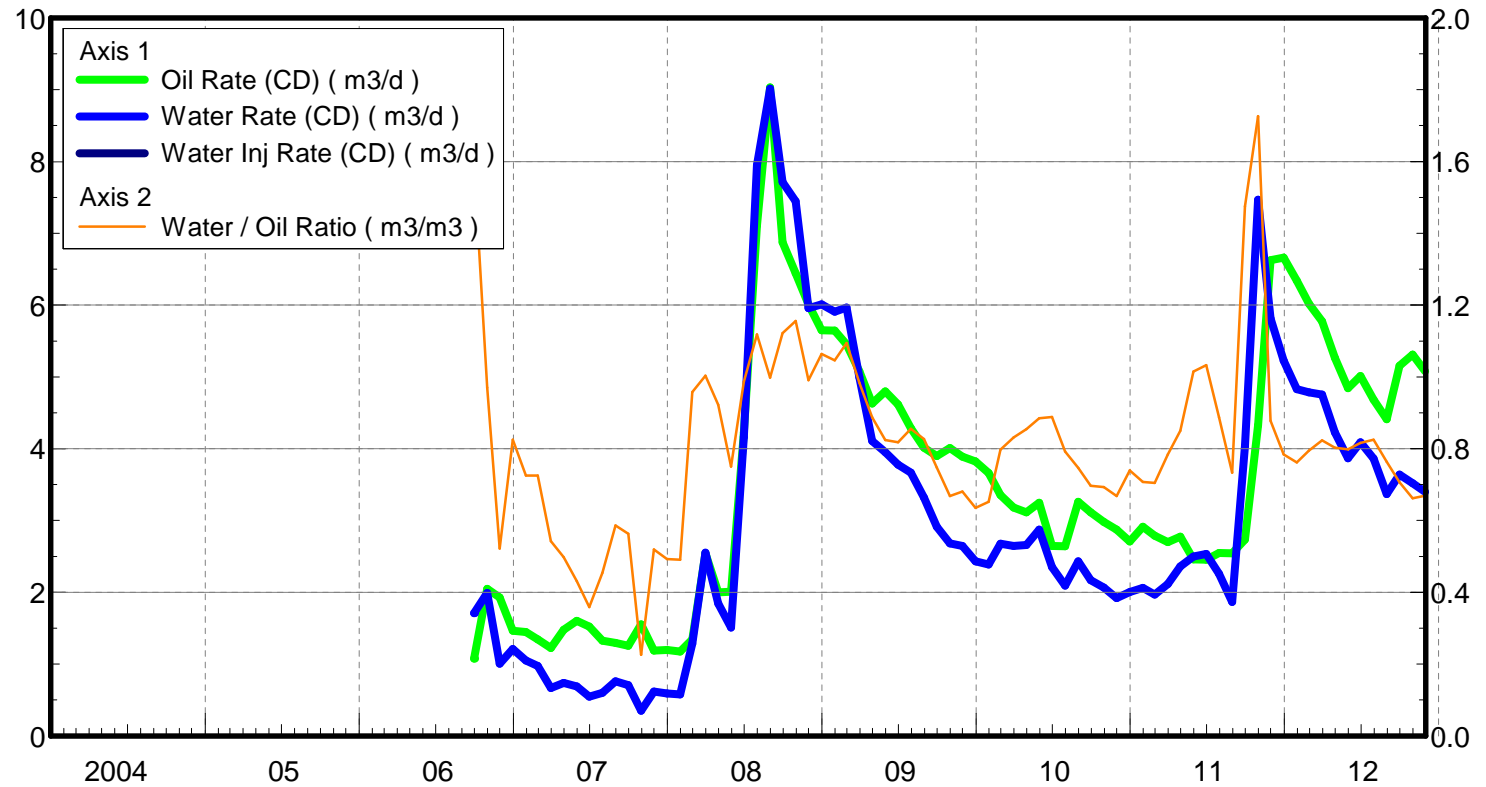
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 4.81 m3/d

Water Rate (CD) : 3.21 m3/d

Water Inj Rate (CD) : \* 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 Replacemnt Ratio
9/30/2006	1.08	1.71	1.59		0.03	0.05	0.00	0.000	0.000
10/31/2006	2.05	1.99	0.97		0.10	0.11	0.00	0.000	0.000
11/30/2006	1.93	1.01	0.52		0.15	0.14	0.00	0.000	0.000
12/31/2006	1.47	1.21	0.83		0.20	0.18	0.00	0.000	0.000
1/31/2007	1.45	1.05	0.72		0.24	0.21	0.00	0.000	0.000
2/28/2007	1.34	0.97	0.73		0.28	0.24	0.00	0.000	0.000
3/31/2007	1.23	0.66	0.54		0.32	0.26	0.00	0.000	0.000
4/30/2007	1.48	0.74	0.50		0.36	0.28	0.00	0.000	0.000
5/31/2007	1.60	0.69	0.43		0.41	0.30	0.00	0.000	0.000
6/30/2007	1.52	0.55	0.36		0.46	0.32	0.00	0.000	0.000
7/31/2007	1.32	0.60	0.45		0.50	0.34	0.00	0.000	0.000
8/31/2007	1.30	0.76	0.59		0.54	0.36	0.00	0.000	0.000
9/30/2007	1.25	0.71	0.56		0.58	0.38	0.00	0.000	0.000
10/31/2007	1.55	0.35	0.23		0.63	0.40	0.00	0.000	0.000
11/30/2007	1.19	0.62	0.52		0.66	0.41	0.00	0.000	0.000
12/31/2007	1.20	0.59	0.49		0.70	0.43	0.00	0.000	0.000
1/31/2008	1.18	0.58	0.49		0.74	0.45	0.00	0.000	0.000
2/29/2008	1.34	1.29	0.96		0.77	0.49	0.00	0.000	0.000
3/31/2008	2.54	2.55	1.00		0.85	0.57	0.00	0.000	0.000
4/30/2008	2.00	1.84	0.92		0.91	0.62	0.00	0.000	0.000
5/31/2008	2.01	1.51	0.75		0.98	0.67	0.00	0.000	0.000
6/30/2008	4.22	4.16	0.99		1.10	0.79	0.00	0.000	0.000
7/31/2008	7.11	7.95	1.12		1.32	1.04	0.00	0.000	0.000
8/31/2008	9.03	9.01	1.00		1.60	1.32	0.00	0.000	0.000
9/30/2008	6.88	7.71	1.12		1.81	1.55	0.00	0.000	0.000
10/31/2008	6.45	7.45	1.16		2.01	1.78	0.00	0.000	0.000
11/30/2008	6.01	5.96	0.99		2.19	1.96	0.00	0.000	0.000
12/31/2008	5.65	6.01	1.06		2.36	2.15	0.00	0.000	0.000
1/31/2009	5.65	5.91	1.05		2.54	2.33	0.00	0.000	0.000
2/28/2009	5.45	5.97	1.09		2.69	2.50	0.00	0.000	0.000
3/31/2009	5.08	4.99	0.98		2.85	2.65	0.00	0.000	0.000
4/30/2009	4.63	4.11	0.89		2.99	2.77	0.00	0.000	0.000
5/31/2009	4.80	3.95	0.82		3.14	2.90	0.00	0.000	0.000
6/30/2009	4.62	3.78	0.82		3.28	3.01	0.00	0.000	0.000
7/31/2009	4.28	3.66	0.86		3.41	3.12	0.00	0.000	0.000
8/31/2009	4.01	3.32	0.83		3.53	3.23	0.00	0.000	0.000
9/30/2009	3.90	2.91	0.75		3.65	3.31	0.00	0.000	0.000
10/31/2009	4.01	2.68	0.67		3.77	3.40	0.00	0.000	0.000
11/30/2009	3.89	2.65	0.68		3.89	3.48	0.00	0.000	0.000
12/31/2009	3.82	2.43	0.64		4.01	3.55	0.00	0.000	0.000
1/31/2010	3.66	2.39	0.65		4.12	3.63	0.00	0.000	0.000
2/28/2010	3.36	2.68	0.80		4.22	3.70	0.00	0.000	0.000
3/31/2010	3.18	2.65	0.83		4.32	3.78	0.00	0.000	0.000
4/30/2010	3.11	2.66	0.85		4.41	3.86	0.00	0.000	0.000
5/31/2010	3.25	2.87	0.88		4.51	3.95	0.00	0.000	0.000
6/30/2010	2.65	2.35	0.89		4.59	4.02	0.00	0.000	0.000
7/31/2010	2.64	2.09	0.79		4.67	4.09	0.00	0.000	0.000
8/31/2010	3.26	2.43	0.75		4.77	4.16	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
9/30/2010	3.11	2.17	0.70		4.87	4.23	0.00	0.000	0.000
10/31/2010	2.98	2.06	0.69		4.96	4.29	0.00	0.000	0.000
11/30/2010	2.88	1.92	0.67		5.04	4.35	0.00	0.000	0.000
12/31/2010	2.71	2.00	0.74		5.13	4.41	0.00	0.000	0.000
1/31/2011	2.91	2.06	0.71		5.22	4.48	0.00	0.000	0.000
2/28/2011	2.79	1.97	0.70		5.30	4.53	0.00	0.000	0.000
3/31/2011	2.70	2.11	0.78		5.38	4.60	0.00	0.000	0.000
4/30/2011	2.77	2.36	0.85		5.46	4.67	0.00	0.000	0.000
5/31/2011	2.46	2.50	1.02		5.54	4.74	0.00	0.000	0.000
6/30/2011	2.45	2.53	1.03		5.61	4.82	0.00	0.000	0.000
7/31/2011	2.55	2.26	0.89		5.69	4.89	0.00	0.000	0.000
8/31/2011	2.54	1.86	0.73		5.77	4.95	0.00	0.000	0.000
9/30/2011	2.74	4.04	1.48		5.85	5.07	0.00	0.000	0.000
10/31/2011	4.33	7.47	1.73		5.99	5.30	0.00	0.000	0.000
11/30/2011	6.63	5.82	0.88		6.19	5.48	0.00	0.000	0.000
12/31/2011	6.66	5.22	0.78		6.39	5.64	0.00	0.000	0.000
1/31/2012	6.34	4.83	0.76		6.59	5.79	0.00	0.000	0.000
2/29/2012	6.02	4.78	0.79		6.76	5.93	0.00	0.000	0.000
3/31/2012	5.77	4.75	0.82		6.94	6.07	0.00	0.000	0.000
4/30/2012	5.27	4.23	0.80		7.10	6.20	0.00	0.000	0.000
5/31/2012	4.84	3.87	0.80		7.25	6.32	0.00	0.000	0.000
6/30/2012	5.01	4.09	0.82		7.40	6.44	0.00	0.000	0.000
7/31/2012	4.68	3.86	0.82		7.55	6.56	0.00	0.000	0.000
8/31/2012	4.41	3.37	0.76		7.68	6.67	0.00	0.000	0.000
9/30/2012	5.15	3.64	0.71		7.84	6.78	0.00	0.000	0.000
10/31/2012	5.31	3.52	0.66		8.00	6.89	0.00	0.000	0.000
11/30/2012	5.08	3.40	0.67		8.15	6.99	0.00	0.000	0.000
12/31/2012	4.81	3.21	0.67		8.30	7.09	0.00	0.000	0.000

# Pattern: 02/15-06-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.62 m3/m3

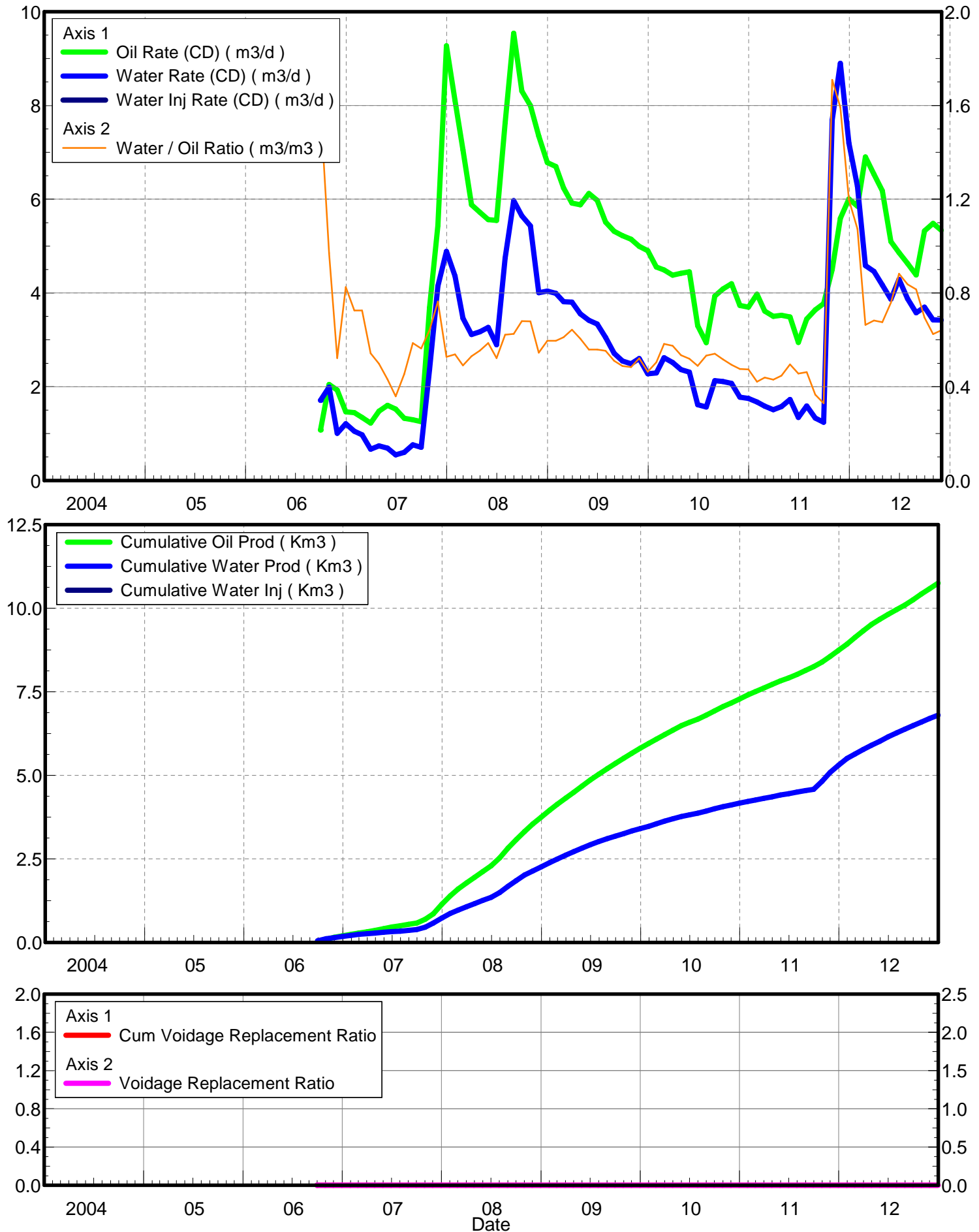
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 5.32 m3/d

Water Rate (CD) : 3.33 m3/d

Water Inj Rate (CD) : \* 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
9/30/2006	1.08	1.71	1.59		0.03	0.05	0.00	0.000	0.000
10/31/2006	2.05	1.99	0.97		0.10	0.11	0.00	0.000	0.000
11/30/2006	1.93	1.01	0.52		0.15	0.14	0.00	0.000	0.000
12/31/2006	1.47	1.21	0.83		0.20	0.18	0.00	0.000	0.000
1/31/2007	1.45	1.05	0.72		0.24	0.21	0.00	0.000	0.000
2/28/2007	1.34	0.97	0.73		0.28	0.24	0.00	0.000	0.000
3/31/2007	1.23	0.66	0.54		0.32	0.26	0.00	0.000	0.000
4/30/2007	1.48	0.74	0.50		0.36	0.28	0.00	0.000	0.000
5/31/2007	1.60	0.69	0.43		0.41	0.30	0.00	0.000	0.000
6/30/2007	1.52	0.55	0.36		0.46	0.32	0.00	0.000	0.000
7/31/2007	1.32	0.60	0.45		0.50	0.34	0.00	0.000	0.000
8/31/2007	1.30	0.76	0.59		0.54	0.36	0.00	0.000	0.000
9/30/2007	1.25	0.71	0.56		0.58	0.38	0.00	0.000	0.000
10/31/2007	3.68	2.36	0.64		0.69	0.46	0.00	0.000	0.000
11/30/2007	5.43	4.15	0.76		0.86	0.58	0.00	0.000	0.000
12/31/2007	9.27	4.89	0.53		1.14	0.73	0.00	0.000	0.000
1/31/2008	8.10	4.36	0.54		1.39	0.87	0.00	0.000	0.000
2/29/2008	7.05	3.46	0.49		1.60	0.97	0.00	0.000	0.000
3/31/2008	5.88	3.11	0.53		1.78	1.07	0.00	0.000	0.000
4/30/2008	5.72	3.17	0.55		1.95	1.16	0.00	0.000	0.000
5/31/2008	5.57	3.26	0.59		2.13	1.26	0.00	0.000	0.000
6/30/2008	5.54	2.90	0.52		2.29	1.35	0.00	0.000	0.000
7/31/2008	7.63	4.74	0.62		2.53	1.50	0.00	0.000	0.000
8/31/2008	9.54	5.97	0.63		2.82	1.68	0.00	0.000	0.000
9/30/2008	8.30	5.64	0.68		3.07	1.85	0.00	0.000	0.000
10/31/2008	8.00	5.43	0.68		3.32	2.02	0.00	0.000	0.000
11/30/2008	7.35	4.00	0.54		3.54	2.14	0.00	0.000	0.000
12/31/2008	6.78	4.04	0.60		3.75	2.26	0.00	0.000	0.000
1/31/2009	6.70	3.99	0.60		3.96	2.39	0.00	0.000	0.000
2/28/2009	6.24	3.81	0.61		4.13	2.49	0.00	0.000	0.000
3/31/2009	5.92	3.81	0.64		4.32	2.61	0.00	0.000	0.000
4/30/2009	5.88	3.56	0.60		4.49	2.72	0.00	0.000	0.000
5/31/2009	6.12	3.42	0.56		4.68	2.83	0.00	0.000	0.000
6/30/2009	5.97	3.34	0.56		4.86	2.93	0.00	0.000	0.000
7/31/2009	5.51	3.05	0.55		5.03	3.02	0.00	0.000	0.000
8/31/2009	5.32	2.71	0.51		5.20	3.10	0.00	0.000	0.000
9/30/2009	5.22	2.55	0.49		5.35	3.18	0.00	0.000	0.000
10/31/2009	5.15	2.49	0.48		5.51	3.26	0.00	0.000	0.000
11/30/2009	5.00	2.60	0.52		5.66	3.34	0.00	0.000	0.000
12/31/2009	4.90	2.27	0.46		5.82	3.41	0.00	0.000	0.000
1/31/2010	4.55	2.30	0.50		5.96	3.48	0.00	0.000	0.000
2/28/2010	4.49	2.62	0.58		6.08	3.55	0.00	0.000	0.000
3/31/2010	4.38	2.51	0.57		6.22	3.63	0.00	0.000	0.000
4/30/2010	4.42	2.36	0.53		6.35	3.70	0.00	0.000	0.000
5/31/2010	4.45	2.31	0.52		6.49	3.77	0.00	0.000	0.000
6/30/2010	3.30	1.62	0.49		6.59	3.82	0.00	0.000	0.000
7/31/2010	2.94	1.57	0.53		6.68	3.87	0.00	0.000	0.000
8/31/2010	3.93	2.13	0.54		6.80	3.93	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
9/30/2010	4.09	2.11	0.52		6.92	4.00	0.00	0.000	0.000
10/31/2010	4.20	2.07	0.49		7.05	4.06	0.00	0.000	0.000
11/30/2010	3.73	1.77	0.48		7.17	4.11	0.00	0.000	0.000
12/31/2010	3.70	1.75	0.47		7.28	4.17	0.00	0.000	0.000
1/31/2011	3.97	1.68	0.42		7.40	4.22	0.00	0.000	0.000
2/28/2011	3.61	1.59	0.44		7.51	4.27	0.00	0.000	0.000
3/31/2011	3.50	1.51	0.43		7.61	4.31	0.00	0.000	0.000
4/30/2011	3.52	1.58	0.45		7.72	4.36	0.00	0.000	0.000
5/31/2011	3.49	1.73	0.50		7.83	4.41	0.00	0.000	0.000
6/30/2011	2.94	1.34	0.46		7.92	4.45	0.00	0.000	0.000
7/31/2011	3.44	1.59	0.46		8.02	4.50	0.00	0.000	0.000
8/31/2011	3.64	1.33	0.37		8.14	4.54	0.00	0.000	0.000
9/30/2011	3.77	1.24	0.33		8.25	4.58	0.00	0.000	0.000
10/31/2011	4.50	7.69	1.71		8.39	4.82	0.00	0.000	0.000
11/30/2011	5.59	8.90	1.59		8.56	5.09	0.00	0.000	0.000
12/31/2011	6.01	7.20	1.20		8.74	5.31	0.00	0.000	0.000
1/31/2012	5.85	6.27	1.07		8.92	5.50	0.00	0.000	0.000
2/29/2012	6.90	4.58	0.66		9.12	5.64	0.00	0.000	0.000
3/31/2012	6.53	4.46	0.68		9.33	5.78	0.00	0.000	0.000
4/30/2012	6.18	4.17	0.68		9.51	5.90	0.00	0.000	0.000
5/31/2012	5.10	3.87	0.76		9.67	6.02	0.00	0.000	0.000
6/30/2012	4.86	4.29	0.88		9.82	6.15	0.00	0.000	0.000
7/31/2012	4.63	3.88	0.84		9.96	6.27	0.00	0.000	0.000
8/31/2012	4.38	3.58	0.82		10.09	6.38	0.00	0.000	0.000
9/30/2012	5.33	3.70	0.69		10.25	6.49	0.00	0.000	0.000
10/31/2012	5.49	3.43	0.62		10.42	6.60	0.00	0.000	0.000
11/30/2012	5.34	3.42	0.64		10.58	6.70	0.00	0.000	0.000
12/31/2012	5.32	3.33	0.62		10.75	6.80	0.00	0.000	0.000

# Pattern: 102/05-07-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.51 m3/m3

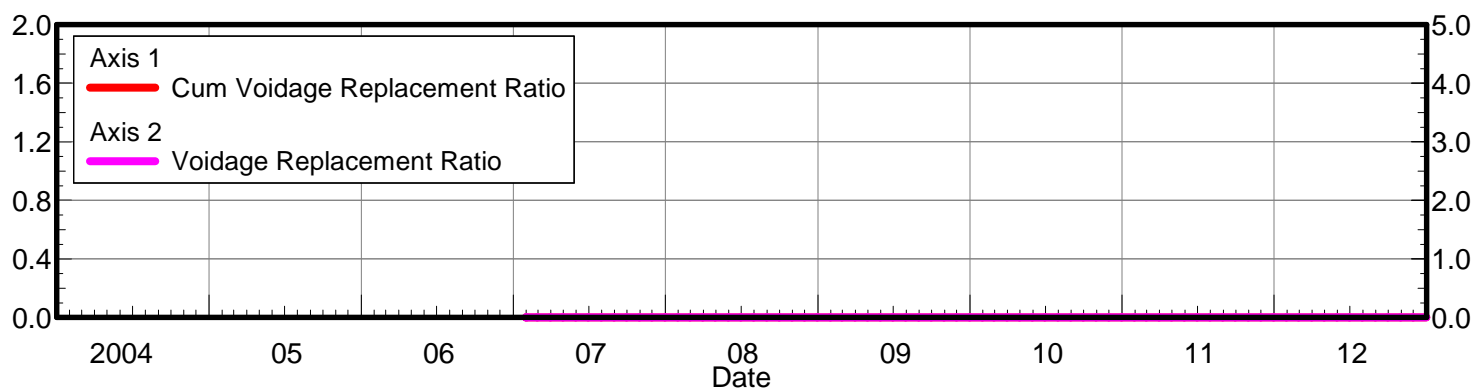
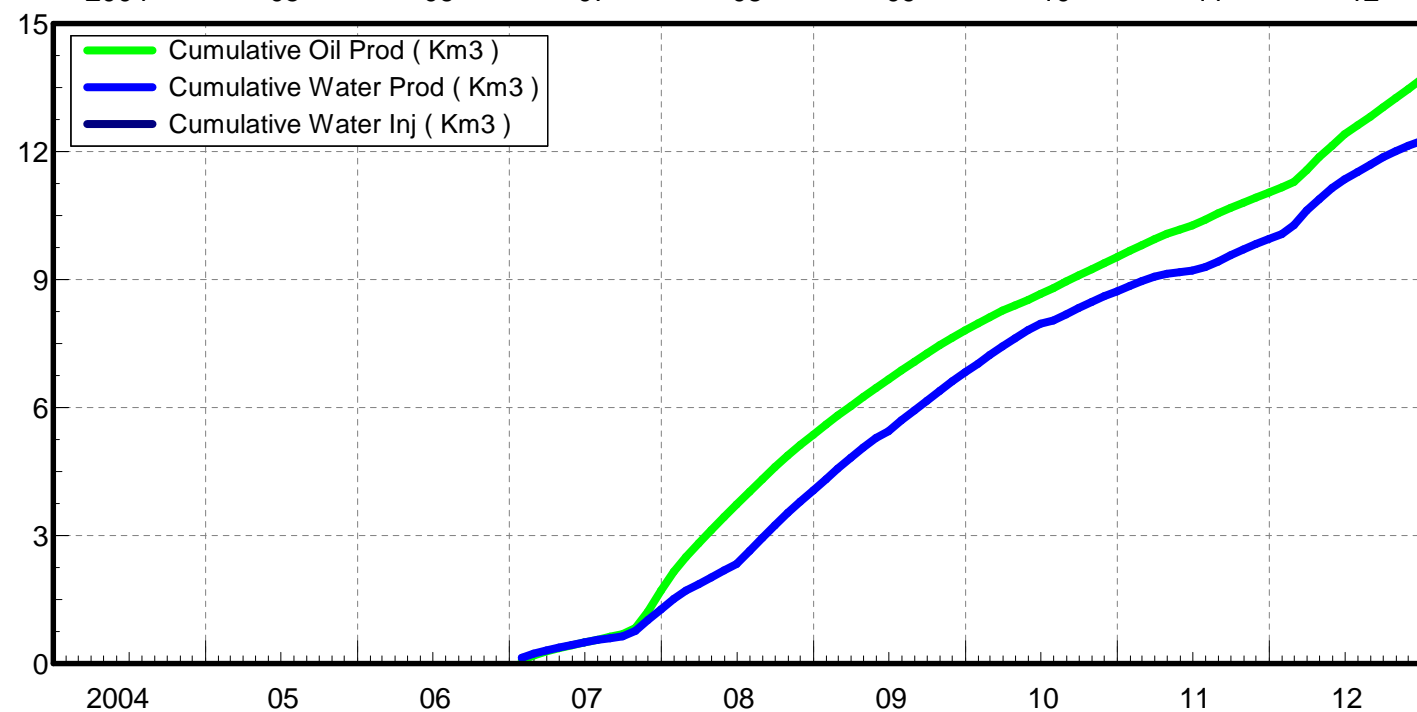
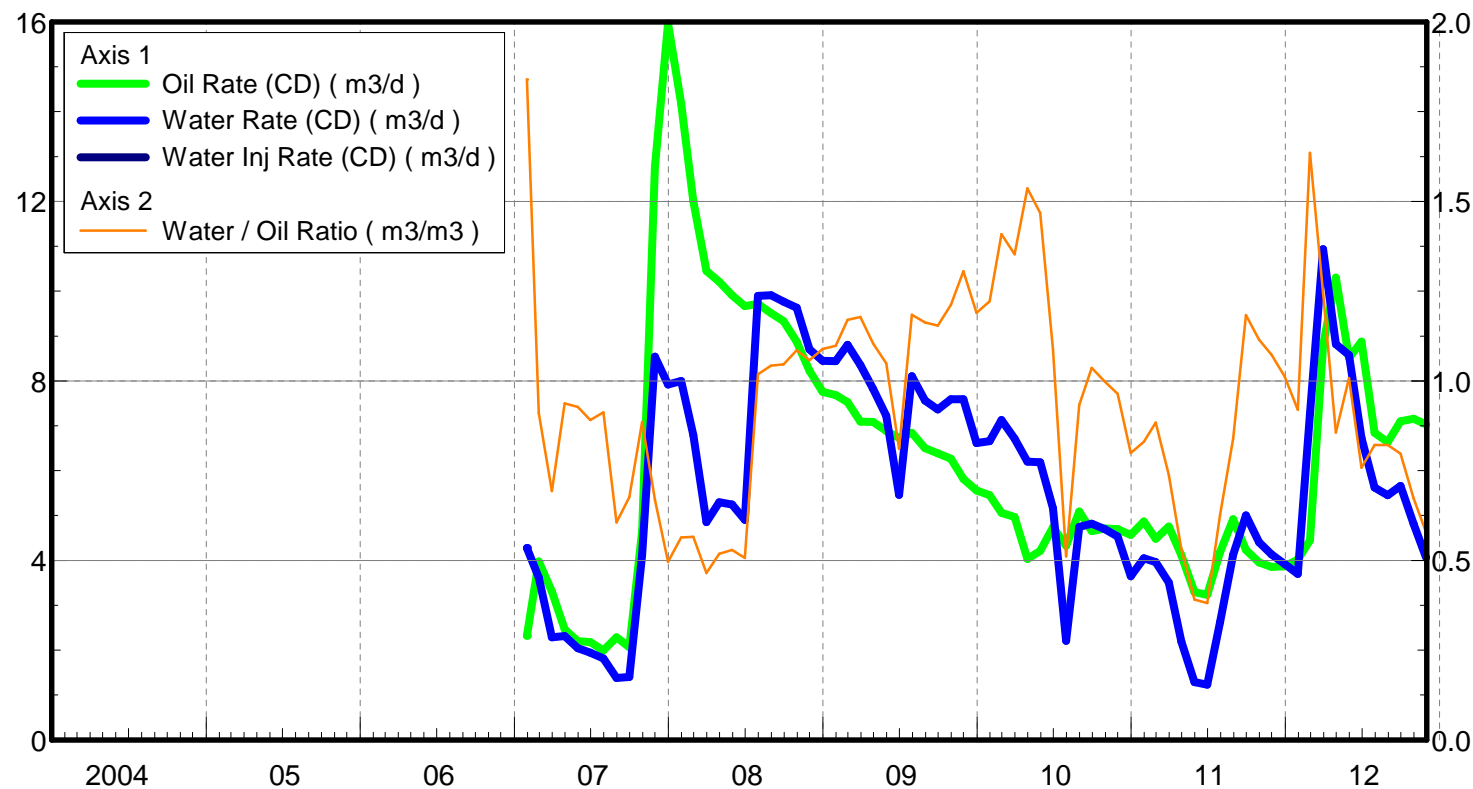
March 14, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 7.38 m3/d

Water Rate (CD) : 3.77 m3/d

Water Inj Rate (CD) : \* 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
1/31/2007	2.32	4.28	1.84		0.07	0.13	0.00	0.000	0.000
2/28/2007	3.97	3.62	0.91		0.18	0.23	0.00	0.000	0.000
3/31/2007	3.30	2.29	0.69		0.29	0.30	0.00	0.000	0.000
4/30/2007	2.47	2.31	0.94		0.36	0.37	0.00	0.000	0.000
5/31/2007	2.20	2.04	0.93		0.43	0.44	0.00	0.000	0.000
6/30/2007	2.18	1.94	0.89		0.49	0.50	0.00	0.000	0.000
7/31/2007	1.99	1.82	0.91		0.56	0.55	0.00	0.000	0.000
8/31/2007	2.28	1.38	0.61		0.63	0.59	0.00	0.000	0.000
9/30/2007	2.07	1.40	0.68		0.69	0.64	0.00	0.000	0.000
10/31/2007	4.65	4.12	0.89		0.83	0.76	0.00	0.000	0.000
11/30/2007	12.77	8.54	0.67		1.22	1.02	0.00	0.000	0.000
12/31/2007	15.97	7.92	0.50		1.71	1.27	0.00	0.000	0.000
1/31/2008	14.18	8.00	0.56		2.15	1.51	0.00	0.000	0.000
2/29/2008	12.01	6.79	0.57		2.50	1.71	0.00	0.000	0.000
3/31/2008	10.45	4.86	0.46		2.82	1.86	0.00	0.000	0.000
4/30/2008	10.21	5.30	0.52		3.13	2.02	0.00	0.000	0.000
5/31/2008	9.91	5.25	0.53		3.44	2.18	0.00	0.000	0.000
6/30/2008	9.67	4.90	0.51		3.73	2.33	0.00	0.000	0.000
7/31/2008	9.72	9.89	1.02		4.03	2.64	0.00	0.000	0.000
8/31/2008	9.51	9.91	1.04		4.32	2.94	0.00	0.000	0.000
9/30/2008	9.34	9.77	1.05		4.60	3.24	0.00	0.000	0.000
10/31/2008	8.88	9.63	1.09		4.88	3.54	0.00	0.000	0.000
11/30/2008	8.23	8.70	1.06		5.12	3.80	0.00	0.000	0.000
12/31/2008	7.75	8.45	1.09		5.36	4.06	0.00	0.000	0.000
1/31/2009	7.69	8.44	1.10		5.60	4.32	0.00	0.000	0.000
2/28/2009	7.53	8.80	1.17		5.81	4.57	0.00	0.000	0.000
3/31/2009	7.09	8.36	1.18		6.03	4.83	0.00	0.000	0.000
4/30/2009	7.08	7.82	1.10		6.25	5.06	0.00	0.000	0.000
5/31/2009	6.88	7.22	1.05		6.46	5.28	0.00	0.000	0.000
6/30/2009	6.73	5.46	0.81		6.66	5.45	0.00	0.000	0.000
7/31/2009	6.84	8.10	1.18		6.87	5.70	0.00	0.000	0.000
8/31/2009	6.50	7.56	1.16		7.07	5.93	0.00	0.000	0.000
9/30/2009	6.38	7.37	1.15		7.27	6.15	0.00	0.000	0.000
10/31/2009	6.26	7.59	1.21		7.46	6.39	0.00	0.000	0.000
11/30/2009	5.81	7.59	1.31		7.63	6.62	0.00	0.000	0.000
12/31/2009	5.56	6.61	1.19		7.81	6.82	0.00	0.000	0.000
1/31/2010	5.45	6.66	1.22		7.98	7.03	0.00	0.000	0.000
2/28/2010	5.06	7.13	1.41		8.12	7.23	0.00	0.000	0.000
3/31/2010	4.96	6.72	1.35		8.27	7.44	0.00	0.000	0.000
4/30/2010	4.04	6.20	1.54		8.39	7.62	0.00	0.000	0.000
5/31/2010	4.21	6.19	1.47		8.52	7.81	0.00	0.000	0.000
6/30/2010	4.74	5.16	1.09		8.67	7.97	0.00	0.000	0.000
7/31/2010	4.32	2.21	0.51		8.80	8.04	0.00	0.000	0.000
8/31/2010	5.09	4.75	0.93		8.96	8.19	0.00	0.000	0.000
9/30/2010	4.65	4.82	1.04		9.10	8.33	0.00	0.000	0.000
10/31/2010	4.71	4.70	1.00		9.24	8.48	0.00	0.000	0.000
11/30/2010	4.70	4.53	0.96		9.38	8.61	0.00	0.000	0.000
12/31/2010	4.57	3.65	0.80		9.53	8.72	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
1/31/2011	4.87	4.05	0.83		9.68	8.85	0.00	0.000	0.000
2/28/2011	4.48	3.96	0.88		9.80	8.96	0.00	0.000	0.000
3/31/2011	4.75	3.50	0.74		9.95	9.07	0.00	0.000	0.000
4/30/2011	4.12	2.19	0.53		10.07	9.14	0.00	0.000	0.000
5/31/2011	3.29	1.29	0.39		10.17	9.17	0.00	0.000	0.000
6/30/2011	3.23	1.23	0.38		10.27	9.21	0.00	0.000	0.000
7/31/2011	4.18	2.62	0.63		10.40	9.29	0.00	0.000	0.000
8/31/2011	4.92	4.13	0.84		10.55	9.42	0.00	0.000	0.000
9/30/2011	4.23	5.01	1.18		10.68	9.57	0.00	0.000	0.000
10/31/2011	3.95	4.40	1.11		10.80	9.71	0.00	0.000	0.000
11/30/2011	3.86	4.14	1.07		10.92	9.83	0.00	0.000	0.000
12/31/2011	3.87	3.92	1.01		11.04	9.95	0.00	0.000	0.000
1/31/2012	4.02	3.70	0.92		11.16	10.07	0.00	0.000	0.000
2/29/2012	4.44	7.27	1.63		11.29	10.28	0.00	0.000	0.000
3/31/2012	8.79	10.94	1.24		11.56	10.62	0.00	0.000	0.000
4/30/2012	10.30	8.82	0.86		11.87	10.88	0.00	0.000	0.000
5/31/2012	8.51	8.58	1.01		12.14	11.15	0.00	0.000	0.000
6/30/2012	8.88	6.73	0.76		12.40	11.35	0.00	0.000	0.000
7/31/2012	6.84	5.62	0.82		12.62	11.52	0.00	0.000	0.000
8/31/2012	6.64	5.45	0.82		12.82	11.69	0.00	0.000	0.000
9/30/2012	7.10	5.66	0.80		13.03	11.86	0.00	0.000	0.000
10/31/2012	7.15	4.81	0.67		13.26	12.01	0.00	0.000	0.000
11/30/2012	7.03	4.06	0.58		13.47	12.13	0.00	0.000	0.000
12/31/2012	7.38	3.77	0.51		13.70	12.25	0.00	0.000	0.000

# Pattern: 03/05-07-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.70 m3/m3

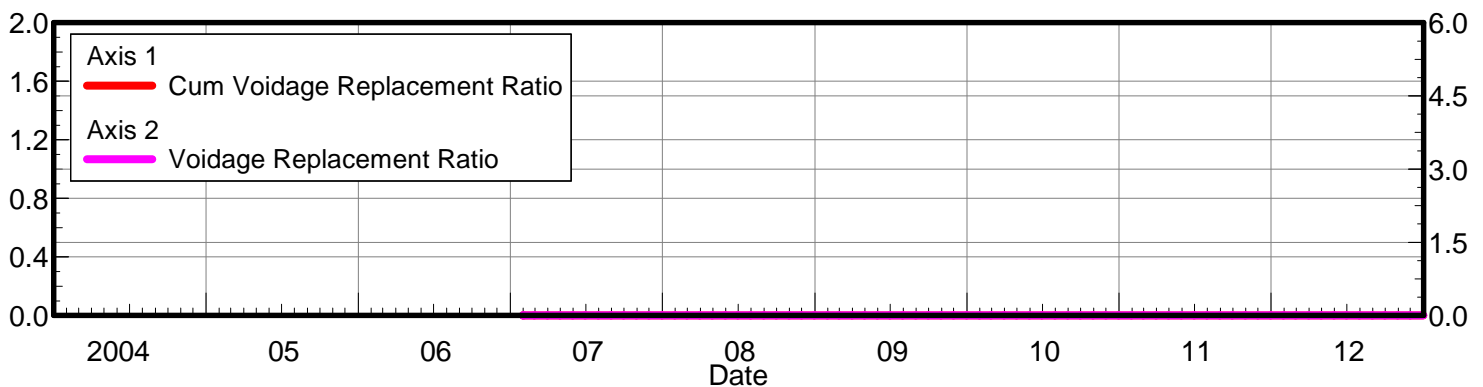
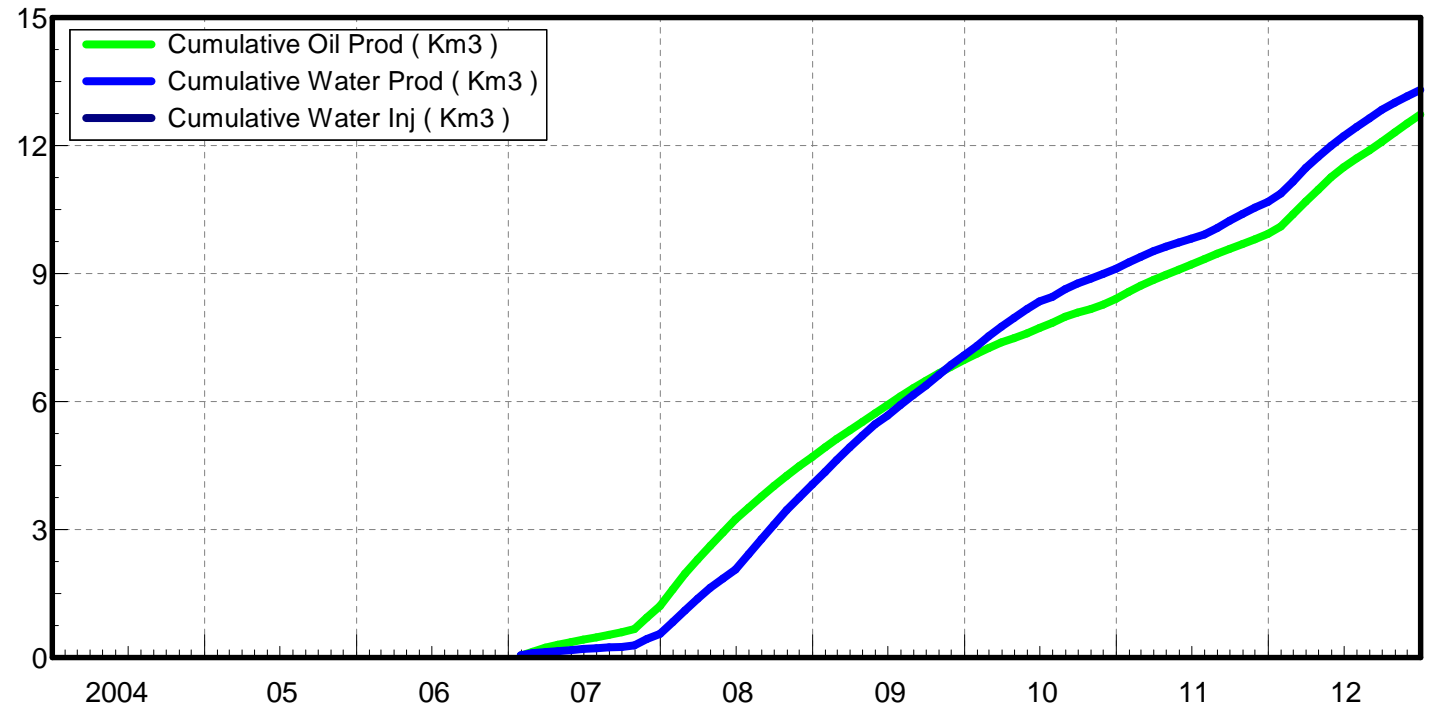
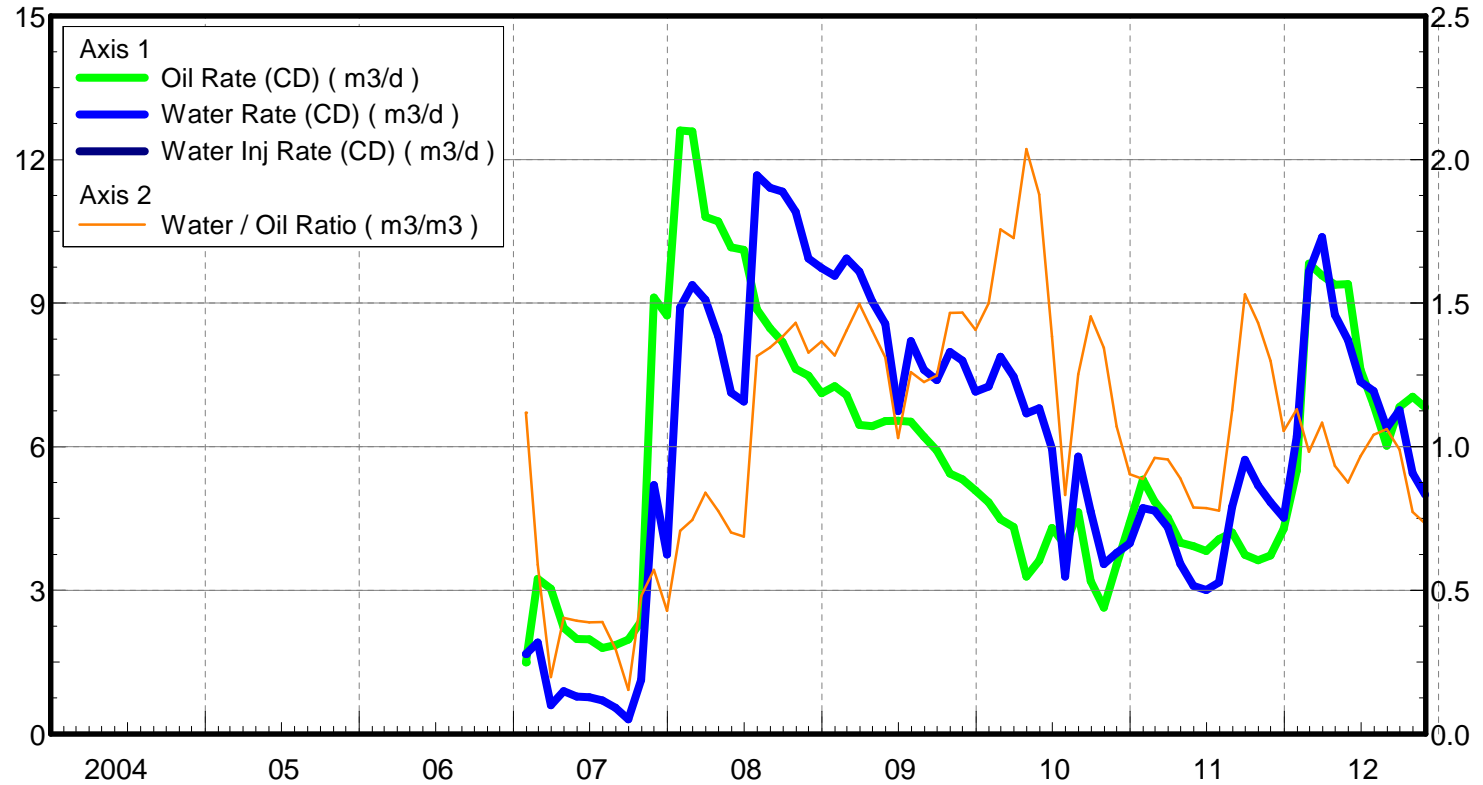
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 6.92 m3/d

Water Rate (CD) : 4.82 m3/d

Water Inj Rate (CD) : \* 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
1/31/2007	1.49	1.67	1.12		0.05	0.05	0.00	0.000	0.000
2/28/2007	3.24	1.91	0.59		0.14	0.11	0.00	0.000	0.000
3/31/2007	3.04	0.60	0.20		0.23	0.12	0.00	0.000	0.000
4/30/2007	2.22	0.90	0.40		0.30	0.15	0.00	0.000	0.000
5/31/2007	1.98	0.78	0.39		0.36	0.17	0.00	0.000	0.000
6/30/2007	1.97	0.77	0.39		0.42	0.20	0.00	0.000	0.000
7/31/2007	1.79	0.70	0.39		0.47	0.22	0.00	0.000	0.000
8/31/2007	1.85	0.55	0.30		0.53	0.24	0.00	0.000	0.000
9/30/2007	1.97	0.30	0.15		0.59	0.25	0.00	0.000	0.000
10/31/2007	2.35	1.13	0.48		0.66	0.28	0.00	0.000	0.000
11/30/2007	9.11	5.20	0.57		0.94	0.44	0.00	0.000	0.000
12/31/2007	8.75	3.75	0.43		1.21	0.55	0.00	0.000	0.000
1/31/2008	12.61	8.91	0.71		1.60	0.83	0.00	0.000	0.000
2/29/2008	12.58	9.38	0.75		1.96	1.10	0.00	0.000	0.000
3/31/2008	10.80	9.07	0.84		2.30	1.38	0.00	0.000	0.000
4/30/2008	10.71	8.30	0.78		2.62	1.63	0.00	0.000	0.000
5/31/2008	10.16	7.13	0.70		2.93	1.85	0.00	0.000	0.000
6/30/2008	10.11	6.94	0.69		3.24	2.06	0.00	0.000	0.000
7/31/2008	8.87	11.67	1.32		3.51	2.42	0.00	0.000	0.000
8/31/2008	8.48	11.41	1.35		3.78	2.78	0.00	0.000	0.000
9/30/2008	8.19	11.33	1.38		4.02	3.12	0.00	0.000	0.000
10/31/2008	7.62	10.91	1.43		4.26	3.45	0.00	0.000	0.000
11/30/2008	7.48	9.93	1.33		4.48	3.75	0.00	0.000	0.000
12/31/2008	7.12	9.73	1.37		4.70	4.05	0.00	0.000	0.000
1/31/2009	7.26	9.57	1.32		4.93	4.35	0.00	0.000	0.000
2/28/2009	7.08	9.93	1.40		5.13	4.63	0.00	0.000	0.000
3/31/2009	6.45	9.66	1.50		5.33	4.93	0.00	0.000	0.000
4/30/2009	6.43	9.04	1.40		5.52	5.20	0.00	0.000	0.000
5/31/2009	6.54	8.57	1.31		5.72	5.46	0.00	0.000	0.000
6/30/2009	6.54	6.74	1.03		5.92	5.67	0.00	0.000	0.000
7/31/2009	6.52	8.21	1.26		6.12	5.92	0.00	0.000	0.000
8/31/2009	6.21	7.61	1.22		6.31	6.16	0.00	0.000	0.000
9/30/2009	5.92	7.39	1.25		6.49	6.38	0.00	0.000	0.000
10/31/2009	5.44	7.98	1.47		6.66	6.63	0.00	0.000	0.000
11/30/2009	5.32	7.80	1.47		6.82	6.86	0.00	0.000	0.000
12/31/2009	5.09	7.15	1.41		6.98	7.08	0.00	0.000	0.000
1/31/2010	4.84	7.26	1.50		7.13	7.31	0.00	0.000	0.000
2/28/2010	4.49	7.88	1.76		7.25	7.53	0.00	0.000	0.000
3/31/2010	4.32	7.47	1.73		7.39	7.76	0.00	0.000	0.000
4/30/2010	3.29	6.70	2.04		7.48	7.96	0.00	0.000	0.000
5/31/2010	3.62	6.80	1.88		7.60	8.17	0.00	0.000	0.000
6/30/2010	4.30	5.95	1.38		7.73	8.35	0.00	0.000	0.000
7/31/2010	3.95	3.28	0.83		7.85	8.45	0.00	0.000	0.000
8/31/2010	4.63	5.80	1.25		7.99	8.63	0.00	0.000	0.000
9/30/2010	3.19	4.64	1.45		8.09	8.77	0.00	0.000	0.000
10/31/2010	2.64	3.55	1.34		8.17	8.88	0.00	0.000	0.000
11/30/2010	3.53	3.78	1.07		8.28	8.99	0.00	0.000	0.000
12/31/2010	4.41	3.98	0.90		8.41	9.12	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
1/31/2011	5.31	4.71	0.89		8.58	9.26	0.00	0.000	0.000
2/28/2011	4.85	4.66	0.96		8.71	9.39	0.00	0.000	0.000
3/31/2011	4.52	4.32	0.96		8.85	9.53	0.00	0.000	0.000
4/30/2011	3.99	3.55	0.89		8.97	9.63	0.00	0.000	0.000
5/31/2011	3.92	3.09	0.79		9.09	9.73	0.00	0.000	0.000
6/30/2011	3.82	3.01	0.79		9.21	9.82	0.00	0.000	0.000
7/31/2011	4.07	3.16	0.78		9.33	9.92	0.00	0.000	0.000
8/31/2011	4.21	4.74	1.13		9.47	10.07	0.00	0.000	0.000
9/30/2011	3.74	5.72	1.53		9.58	10.24	0.00	0.000	0.000
10/31/2011	3.63	5.20	1.43		9.69	10.40	0.00	0.000	0.000
11/30/2011	3.73	4.84	1.30		9.80	10.54	0.00	0.000	0.000
12/31/2011	4.29	4.52	1.05		9.93	10.68	0.00	0.000	0.000
1/31/2012	5.50	6.21	1.13		10.11	10.88	0.00	0.000	0.000
2/29/2012	9.83	9.66	0.98		10.39	11.16	0.00	0.000	0.000
3/31/2012	9.58	10.38	1.08		10.69	11.48	0.00	0.000	0.000
4/30/2012	9.38	8.76	0.93		10.97	11.74	0.00	0.000	0.000
5/31/2012	9.40	8.22	0.87		11.26	12.00	0.00	0.000	0.000
6/30/2012	7.61	7.36	0.97		11.49	12.22	0.00	0.000	0.000
7/31/2012	6.88	7.16	1.04		11.70	12.44	0.00	0.000	0.000
8/31/2012	6.02	6.40	1.06		11.89	12.64	0.00	0.000	0.000
9/30/2012	6.83	6.76	0.99		12.09	12.84	0.00	0.000	0.000
10/31/2012	7.04	5.44	0.77		12.31	13.01	0.00	0.000	0.000
11/30/2012	6.82	5.00	0.73		12.52	13.16	0.00	0.000	0.000
12/31/2012	6.92	4.82	0.70		12.73	13.31	0.00	0.000	0.000



# Pattern: 02/12-07-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 2.01 m3/m3

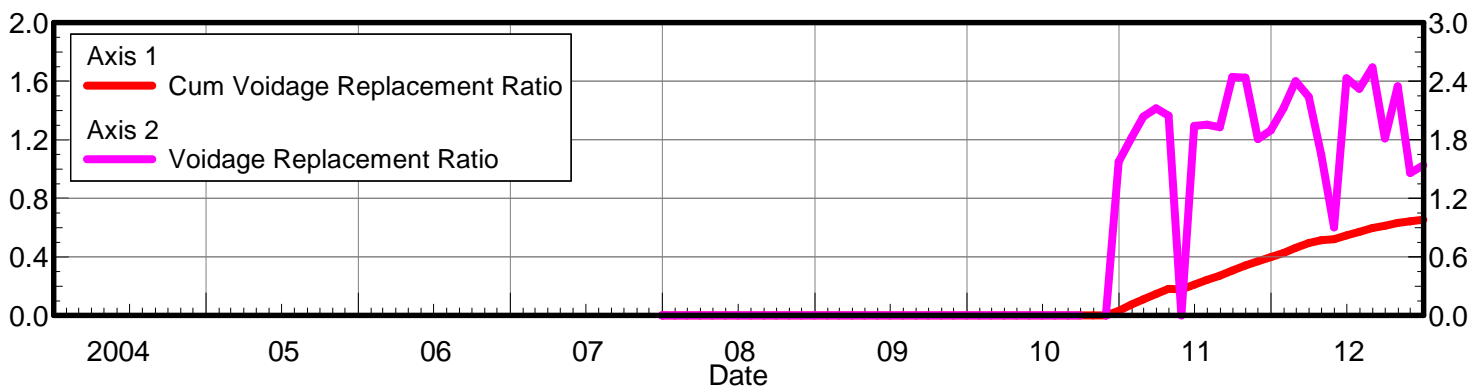
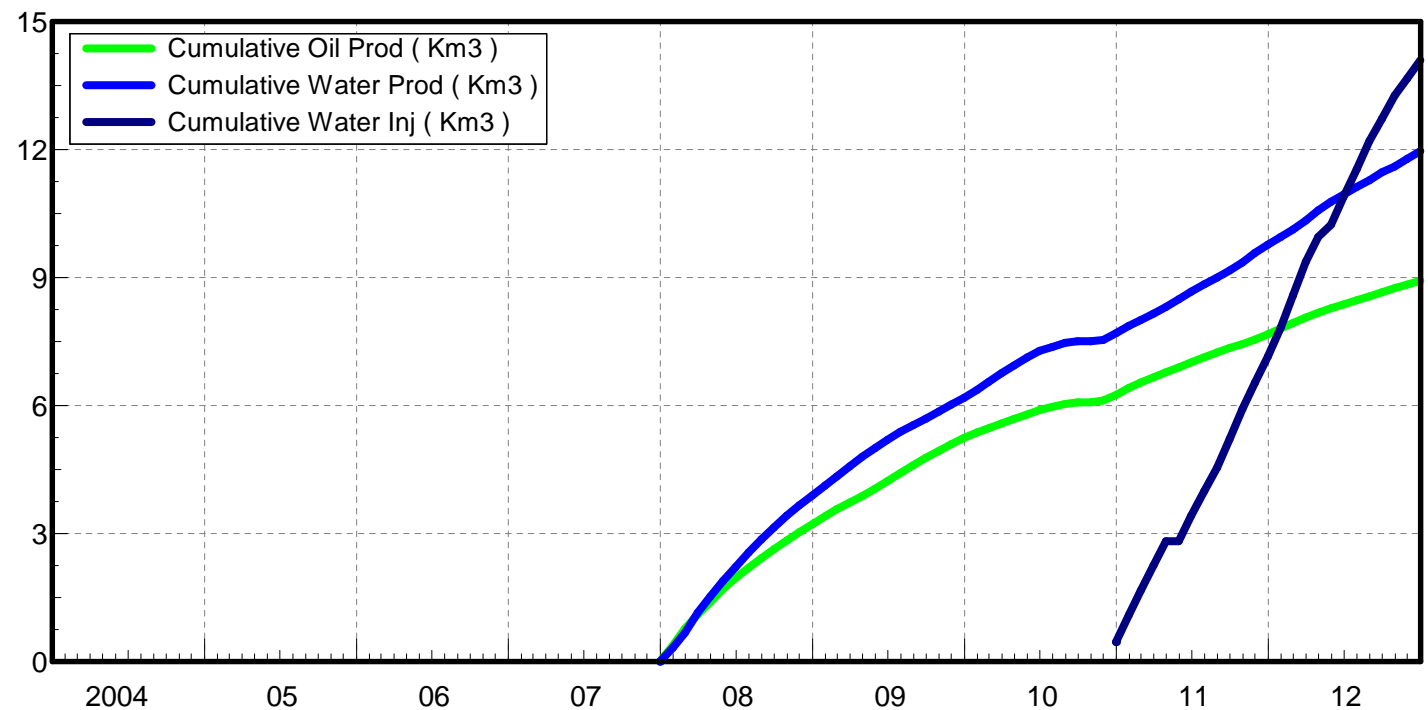
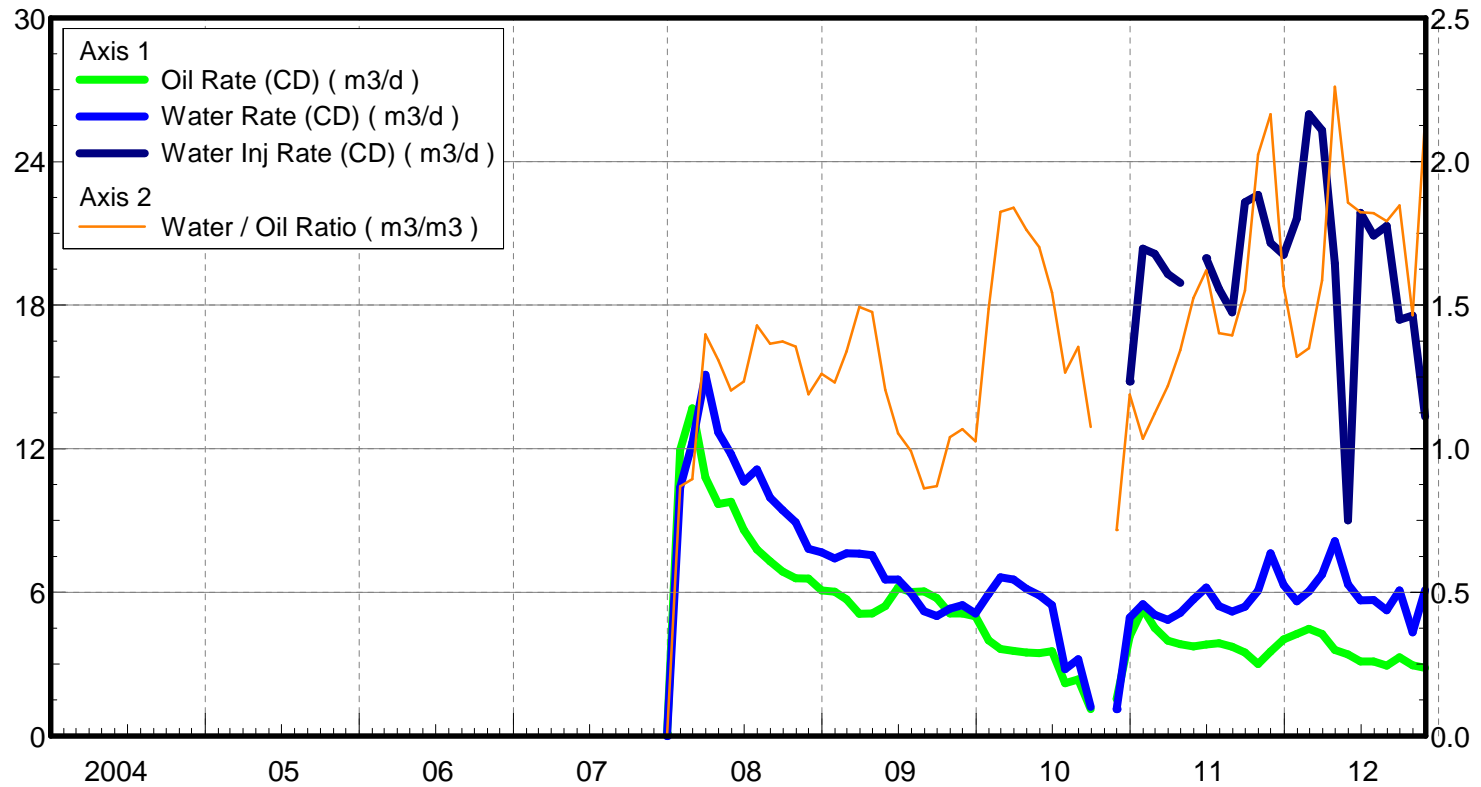
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 2.92 m3/d

Water Rate (CD) : 5.87 m3/d

Water Inj Rate (CD) : 13.85 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
12/31/2007	0.08	0.00	0.00		0.00	0.00	0.00	0.000	0.000
1/31/2008	11.95	10.38	0.87		0.37	0.32	0.00	0.000	0.000
2/29/2008	13.69	12.25	0.89		0.77	0.68	0.00	0.000	0.000
3/31/2008	10.79	15.09	1.40		1.10	1.14	0.00	0.000	0.000
4/30/2008	9.69	12.68	1.31		1.40	1.53	0.00	0.000	0.000
5/31/2008	9.78	11.77	1.20		1.70	1.89	0.00	0.000	0.000
6/30/2008	8.61	10.63	1.23		1.96	2.21	0.00	0.000	0.000
7/31/2008	7.79	11.13	1.43		2.20	2.55	0.00	0.000	0.000
8/31/2008	7.29	9.95	1.37		2.42	2.86	0.00	0.000	0.000
9/30/2008	6.87	9.43	1.37		2.63	3.15	0.00	0.000	0.000
10/31/2008	6.58	8.92	1.36		2.83	3.42	0.00	0.000	0.000
11/30/2008	6.58	7.82	1.19		3.03	3.66	0.00	0.000	0.000
12/31/2008	6.08	7.67	1.26		3.22	3.89	0.00	0.000	0.000
1/31/2009	6.02	7.41	1.23		3.41	4.12	0.00	0.000	0.000
2/28/2009	5.70	7.63	1.34		3.57	4.34	0.00	0.000	0.000
3/31/2009	5.10	7.62	1.49		3.72	4.57	0.00	0.000	0.000
4/30/2009	5.12	7.55	1.48		3.88	4.80	0.00	0.000	0.000
5/31/2009	5.42	6.54	1.21		4.05	5.00	0.00	0.000	0.000
6/30/2009	6.19	6.53	1.05		4.23	5.20	0.00	0.000	0.000
7/31/2009	6.02	5.97	0.99		4.42	5.38	0.00	0.000	0.000
8/31/2009	6.04	5.21	0.86		4.61	5.55	0.00	0.000	0.000
9/30/2009	5.76	5.01	0.87		4.78	5.70	0.00	0.000	0.000
10/31/2009	5.11	5.31	1.04		4.94	5.86	0.00	0.000	0.000
11/30/2009	5.11	5.46	1.07		5.09	6.02	0.00	0.000	0.000
12/31/2009	4.99	5.12	1.03		5.25	6.18	0.00	0.000	0.000
1/31/2010	3.99	5.94	1.49		5.37	6.37	0.00	0.000	0.000
2/28/2010	3.63	6.63	1.82		5.47	6.55	0.00	0.000	0.000
3/31/2010	3.55	6.54	1.84		5.58	6.76	0.00	0.000	0.000
4/30/2010	3.49	6.14	1.76		5.69	6.94	0.00	0.000	0.000
5/31/2010	3.46	5.88	1.70		5.79	7.12	0.00	0.000	0.000
6/30/2010	3.54	5.46	1.54		5.90	7.29	0.00	0.000	0.000
7/31/2010	2.20	2.79	1.27		5.97	7.37	0.00	0.000	0.000
8/31/2010	2.36	3.20	1.35		6.04	7.47	0.00	0.000	0.000
9/30/2010	1.12	1.21	1.08		6.07	7.51	0.00	0.000	0.000
11/30/2010	1.55	1.11	0.72		6.12	7.54	0.00	0.000	0.000
12/31/2010	4.16	4.95	1.19	14.81	6.25	7.69	0.46	1.576	0.032
1/31/2011	5.32	5.50	1.03	20.35	6.41	7.87	1.09	1.820	0.074
2/28/2011	4.51	5.06	1.12	20.14	6.54	8.01	1.65	2.039	0.110
3/31/2011	3.98	4.85	1.22	19.31	6.66	8.16	2.25	2.122	0.147
4/30/2011	3.83	5.15	1.34	18.93	6.78	8.31	2.82	2.047	0.181
5/31/2011	3.74	5.70	1.52		6.89	8.49	2.82	0.000	0.178
6/30/2011	3.82	6.19	1.62	19.95	7.01	8.67	3.42	1.941	0.211
7/31/2011	3.87	5.42	1.40	18.67	7.13	8.84	4.00	1.954	0.243
8/31/2011	3.72	5.20	1.39	17.70	7.24	9.00	4.55	1.929	0.271
9/30/2011	3.48	5.40	1.55	22.30	7.35	9.17	5.22	2.444	0.306
10/31/2011	3.00	6.07	2.02	22.60	7.44	9.35	5.92	2.438	0.342
11/30/2011	3.52	7.62	2.16	20.60	7.55	9.58	6.53	1.808	0.370
12/31/2011	4.03	6.30	1.57	20.11	7.67	9.78	7.16	1.895	0.398

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
1/31/2012	4.26	5.62	1.32	21.61	7.80	9.95	7.83	2.123	0.428
2/29/2012	4.47	6.04	1.35	25.97	7.93	10.13	8.58	2.400	0.461
3/31/2012	4.25	6.75	1.59	25.30	8.07	10.34	9.36	2.239	0.494
4/30/2012	3.60	8.13	2.26	19.73	8.17	10.58	9.96	1.647	0.515
5/31/2012	3.41	6.33	1.86	9.01	8.28	10.78	10.24	0.903	0.521
6/30/2012	3.11	5.67	1.82	21.85	8.37	10.95	10.89	2.431	0.547
7/31/2012	3.12	5.67	1.82	20.91	8.47	11.12	11.54	2.322	0.572
8/31/2012	2.93	5.25	1.79	21.31	8.56	11.28	12.20	2.541	0.597
9/30/2012	3.29	6.07	1.85	17.39	8.66	11.47	12.72	1.814	0.614
10/31/2012	2.95	4.32	1.47	17.56	8.75	11.60	13.27	2.348	0.633
11/30/2012	2.84	6.10	2.15	13.33	8.84	11.78	13.67	1.460	0.644
12/31/2012	2.92	5.87	2.01	13.85	8.93	11.97	14.10	1.540	0.655

# Pattern: 02/13-07-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 1.37 m3/m3

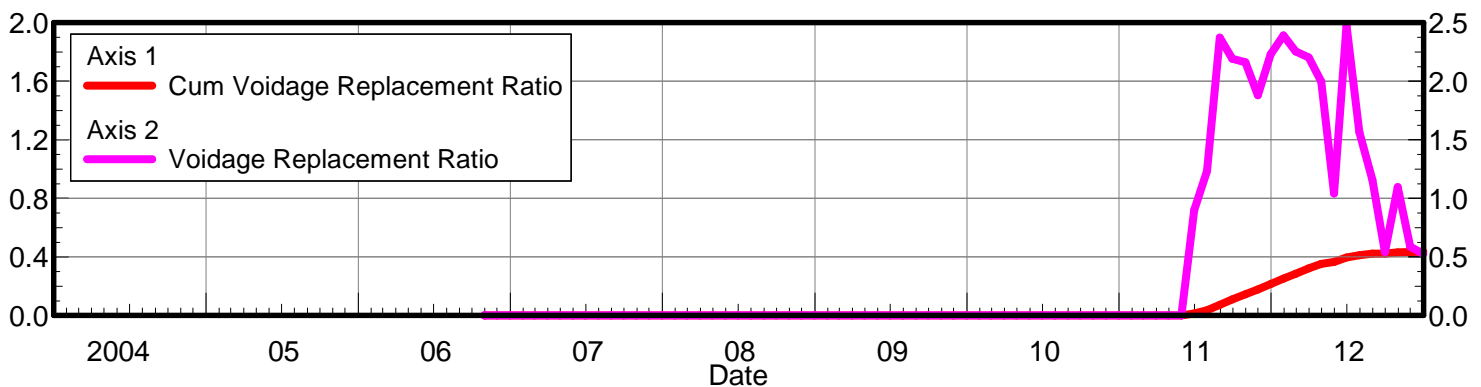
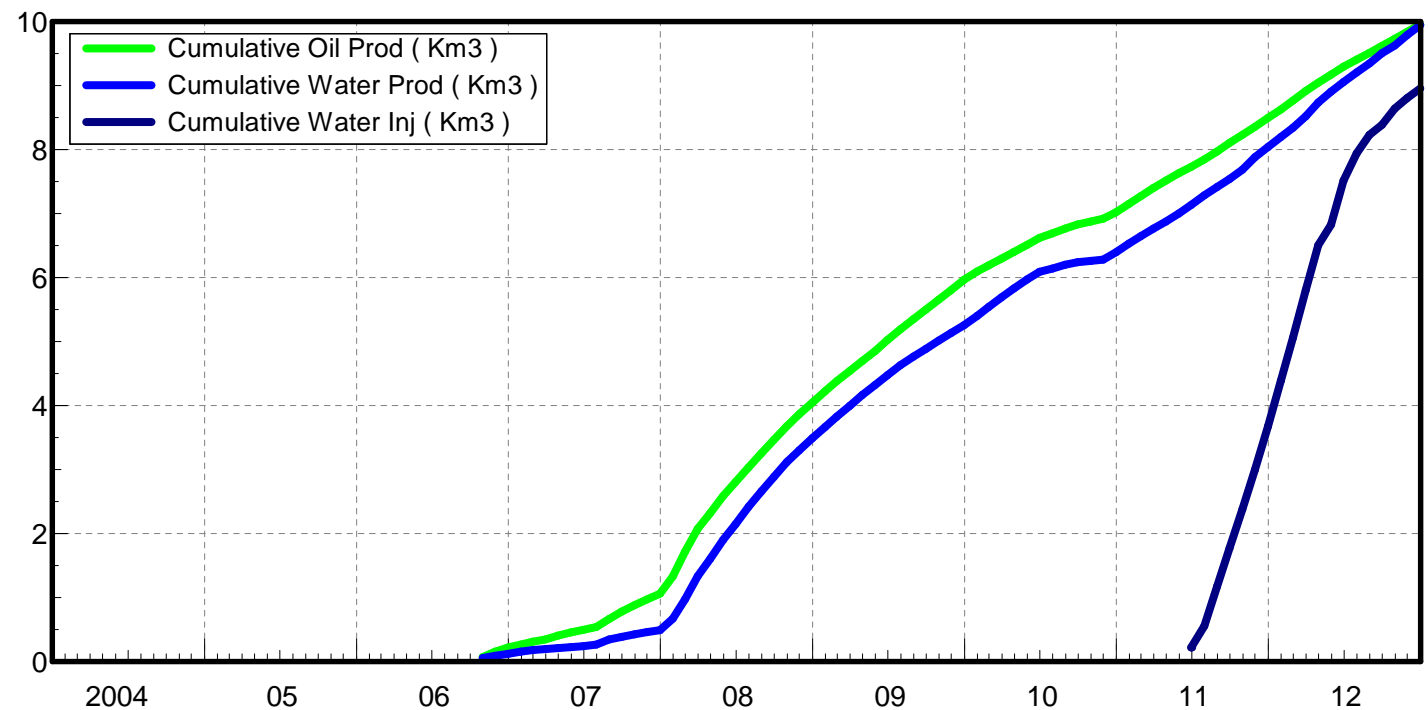
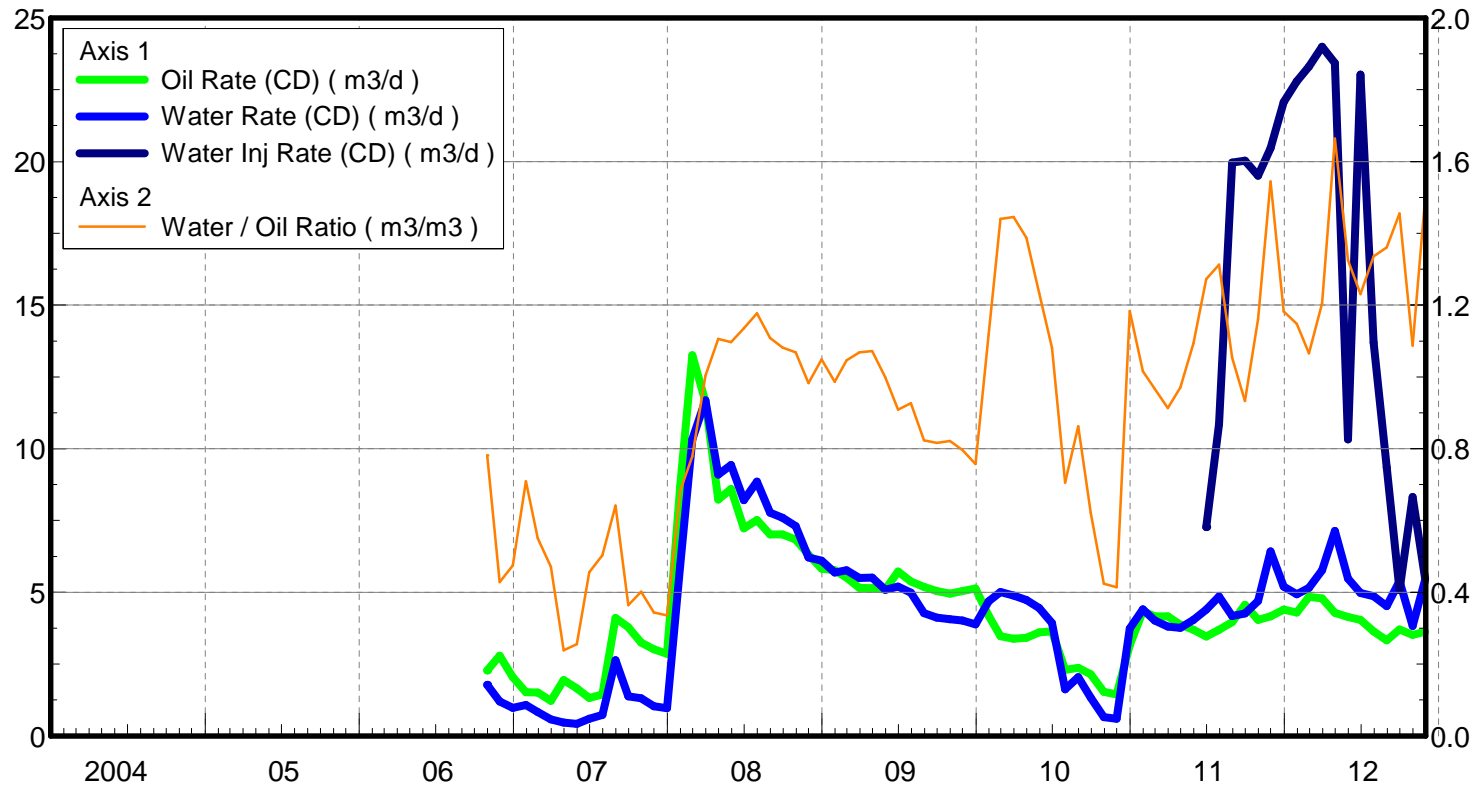
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 3.72 m3/d

Water Rate (CD) : 5.11 m3/d

Water Inj Rate (CD) : 4.78 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
10/31/2006	2.28	1.78	0.78		0.07	0.06	0.00	0.000	0.000
11/30/2006	2.79	1.19	0.43		0.15	0.09	0.00	0.000	0.000
12/31/2006	2.05	0.97	0.47		0.22	0.12	0.00	0.000	0.000
1/31/2007	1.52	1.08	0.71		0.26	0.15	0.00	0.000	0.000
2/28/2007	1.51	0.83	0.55		0.31	0.18	0.00	0.000	0.000
3/31/2007	1.22	0.57	0.47		0.34	0.20	0.00	0.000	0.000
4/30/2007	1.95	0.47	0.24		0.40	0.21	0.00	0.000	0.000
5/31/2007	1.65	0.42	0.26		0.45	0.22	0.00	0.000	0.000
6/30/2007	1.32	0.60	0.46		0.49	0.24	0.00	0.000	0.000
7/31/2007	1.44	0.73	0.50		0.54	0.26	0.00	0.000	0.000
8/31/2007	4.11	2.63	0.64		0.67	0.34	0.00	0.000	0.000
9/30/2007	3.78	1.38	0.36		0.78	0.39	0.00	0.000	0.000
10/31/2007	3.25	1.30	0.40		0.88	0.43	0.00	0.000	0.000
11/30/2007	3.01	1.04	0.34		0.97	0.46	0.00	0.000	0.000
12/31/2007	2.86	0.96	0.34		1.06	0.49	0.00	0.000	0.000
1/31/2008	8.68	5.93	0.68		1.33	0.67	0.00	0.000	0.000
2/29/2008	13.26	10.33	0.78		1.71	0.97	0.00	0.000	0.000
3/31/2008	11.64	11.68	1.00		2.07	1.33	0.00	0.000	0.000
4/30/2008	8.23	9.10	1.11		2.32	1.61	0.00	0.000	0.000
5/31/2008	8.60	9.43	1.10		2.59	1.90	0.00	0.000	0.000
6/30/2008	7.22	8.20	1.14		2.80	2.14	0.00	0.000	0.000
7/31/2008	7.52	8.85	1.18		3.04	2.42	0.00	0.000	0.000
8/31/2008	7.01	7.77	1.11		3.25	2.66	0.00	0.000	0.000
9/30/2008	7.01	7.59	1.08		3.46	2.89	0.00	0.000	0.000
10/31/2008	6.83	7.30	1.07		3.68	3.11	0.00	0.000	0.000
11/30/2008	6.32	6.21	0.98		3.87	3.30	0.00	0.000	0.000
12/31/2008	5.82	6.10	1.05		4.05	3.49	0.00	0.000	0.000
1/31/2009	5.77	5.69	0.99		4.23	3.67	0.00	0.000	0.000
2/28/2009	5.51	5.76	1.05		4.38	3.83	0.00	0.000	0.000
3/31/2009	5.15	5.50	1.07		4.54	4.00	0.00	0.000	0.000
4/30/2009	5.14	5.51	1.07		4.69	4.16	0.00	0.000	0.000
5/31/2009	5.10	5.09	1.00		4.85	4.32	0.00	0.000	0.000
6/30/2009	5.72	5.20	0.91		5.02	4.48	0.00	0.000	0.000
7/31/2009	5.38	4.99	0.93		5.19	4.63	0.00	0.000	0.000
8/31/2009	5.19	4.27	0.82		5.35	4.76	0.00	0.000	0.000
9/30/2009	5.04	4.12	0.82		5.50	4.89	0.00	0.000	0.000
10/31/2009	4.95	4.06	0.82		5.66	5.01	0.00	0.000	0.000
11/30/2009	5.04	4.01	0.80		5.81	5.13	0.00	0.000	0.000
12/31/2009	5.13	3.88	0.76		5.97	5.25	0.00	0.000	0.000
1/31/2010	4.19	4.68	1.12		6.10	5.40	0.00	0.000	0.000
2/28/2010	3.48	5.01	1.44		6.19	5.54	0.00	0.000	0.000
3/31/2010	3.38	4.89	1.45		6.30	5.69	0.00	0.000	0.000
4/30/2010	3.41	4.74	1.39		6.40	5.83	0.00	0.000	0.000
5/31/2010	3.61	4.45	1.23		6.51	5.97	0.00	0.000	0.000
6/30/2010	3.64	3.93	1.08		6.62	6.09	0.00	0.000	0.000
7/31/2010	2.30	1.63	0.71		6.69	6.14	0.00	0.000	0.000
8/31/2010	2.37	2.04	0.86		6.77	6.20	0.00	0.000	0.000
9/30/2010	2.14	1.33	0.62		6.83	6.24	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
10/31/2010	1.54	0.65	0.42		6.88	6.26	0.00	0.000	0.000
11/30/2010	1.44	0.60	0.41		6.92	6.28	0.00	0.000	0.000
12/31/2010	3.16	3.74	1.18		7.02	6.40	0.00	0.000	0.000
1/31/2011	4.34	4.40	1.02		7.15	6.53	0.00	0.000	0.000
2/28/2011	4.16	4.02	0.97		7.27	6.65	0.00	0.000	0.000
3/31/2011	4.16	3.80	0.91		7.40	6.76	0.00	0.000	0.000
4/30/2011	3.87	3.76	0.97		7.51	6.88	0.00	0.000	0.000
5/31/2011	3.70	4.04	1.09		7.63	7.00	0.00	0.000	0.000
6/30/2011	3.46	4.40	1.27	7.28	7.73	7.13	0.22	0.899	0.014
7/31/2011	3.70	4.86	1.31	10.86	7.85	7.28	0.56	1.233	0.035
8/31/2011	3.97	4.18	1.05	19.97	7.97	7.41	1.17	2.372	0.074
9/30/2011	4.57	4.26	0.93	20.03	8.11	7.54	1.77	2.191	0.109
10/31/2011	4.05	4.70	1.16	19.50	8.23	7.69	2.38	2.162	0.144
11/30/2011	4.16	6.43	1.54	20.46	8.36	7.88	2.99	1.881	0.178
12/31/2011	4.40	5.20	1.18	22.06	8.49	8.04	3.68	2.229	0.215
1/31/2012	4.30	4.93	1.15	22.79	8.63	8.19	4.38	2.392	0.252
2/29/2012	4.84	5.16	1.07	23.31	8.77	8.34	5.06	2.255	0.286
3/31/2012	4.79	5.77	1.20	24.00	8.92	8.52	5.80	2.204	0.321
4/30/2012	4.29	7.14	1.66	23.43	9.05	8.74	6.51	1.999	0.353
5/31/2012	4.14	5.48	1.33	10.33	9.17	8.91	6.83	1.043	0.365
6/30/2012	4.04	4.97	1.23	23.03	9.29	9.06	7.52	2.476	0.396
7/31/2012	3.64	4.86	1.34	13.70	9.41	9.21	7.94	1.565	0.412
8/31/2012	3.32	4.52	1.36	9.35	9.51	9.35	8.23	1.158	0.422
9/30/2012	3.70	5.39	1.45	5.08	9.62	9.51	8.38	0.543	0.424
10/31/2012	3.52	3.83	1.09	8.32	9.73	9.63	8.64	1.095	0.431
11/30/2012	3.63	5.43	1.50	5.47	9.84	9.79	8.81	0.588	0.434
12/31/2012	3.72	5.11	1.37	4.78	9.96	9.95	8.96	0.526	0.435

# Pattern: 02/08-08-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.47 m3/m3

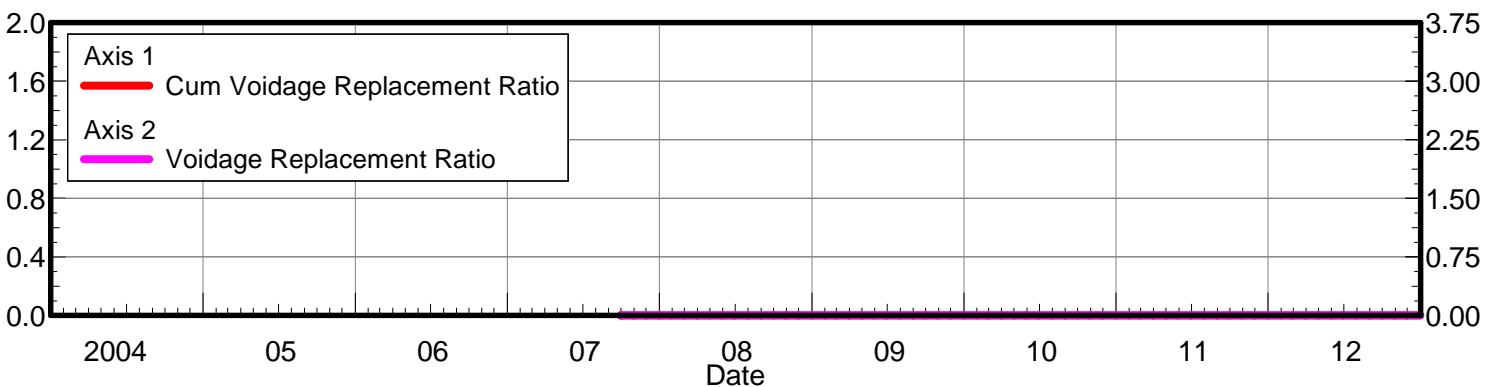
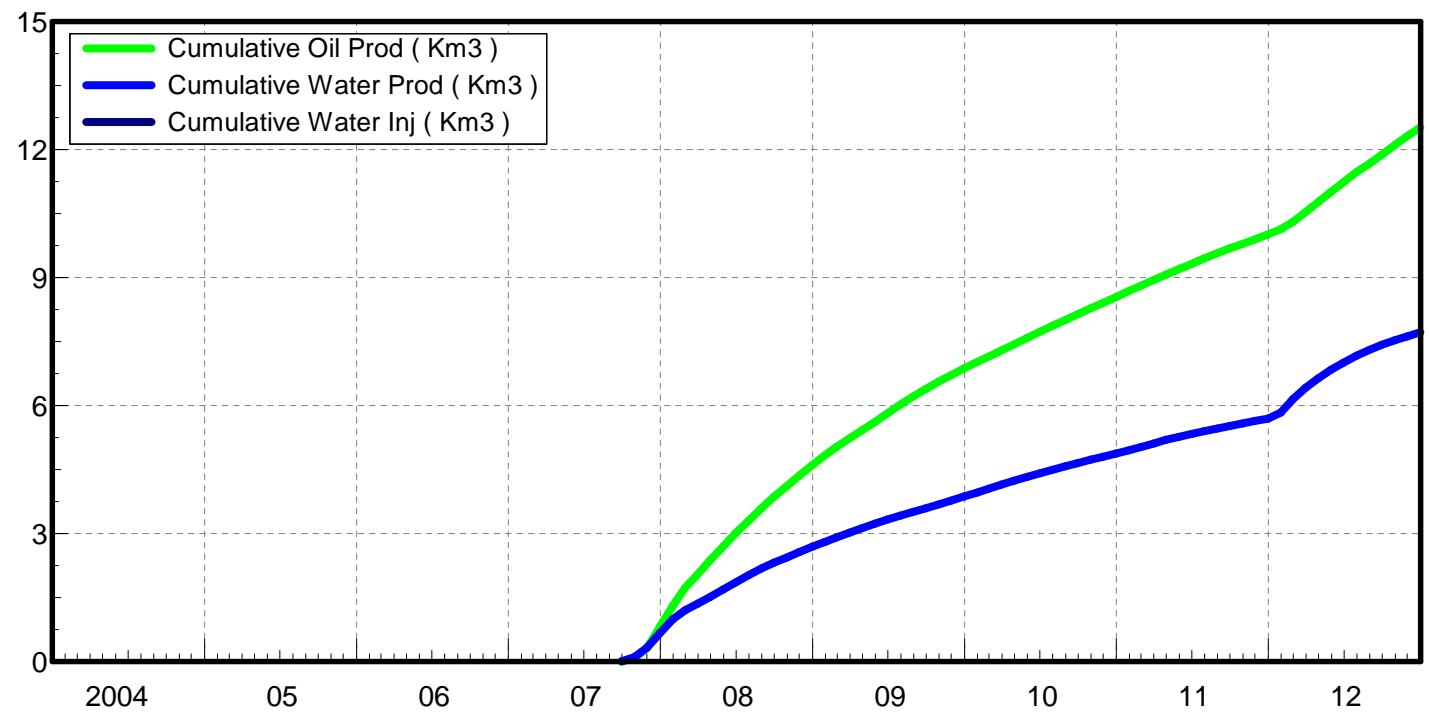
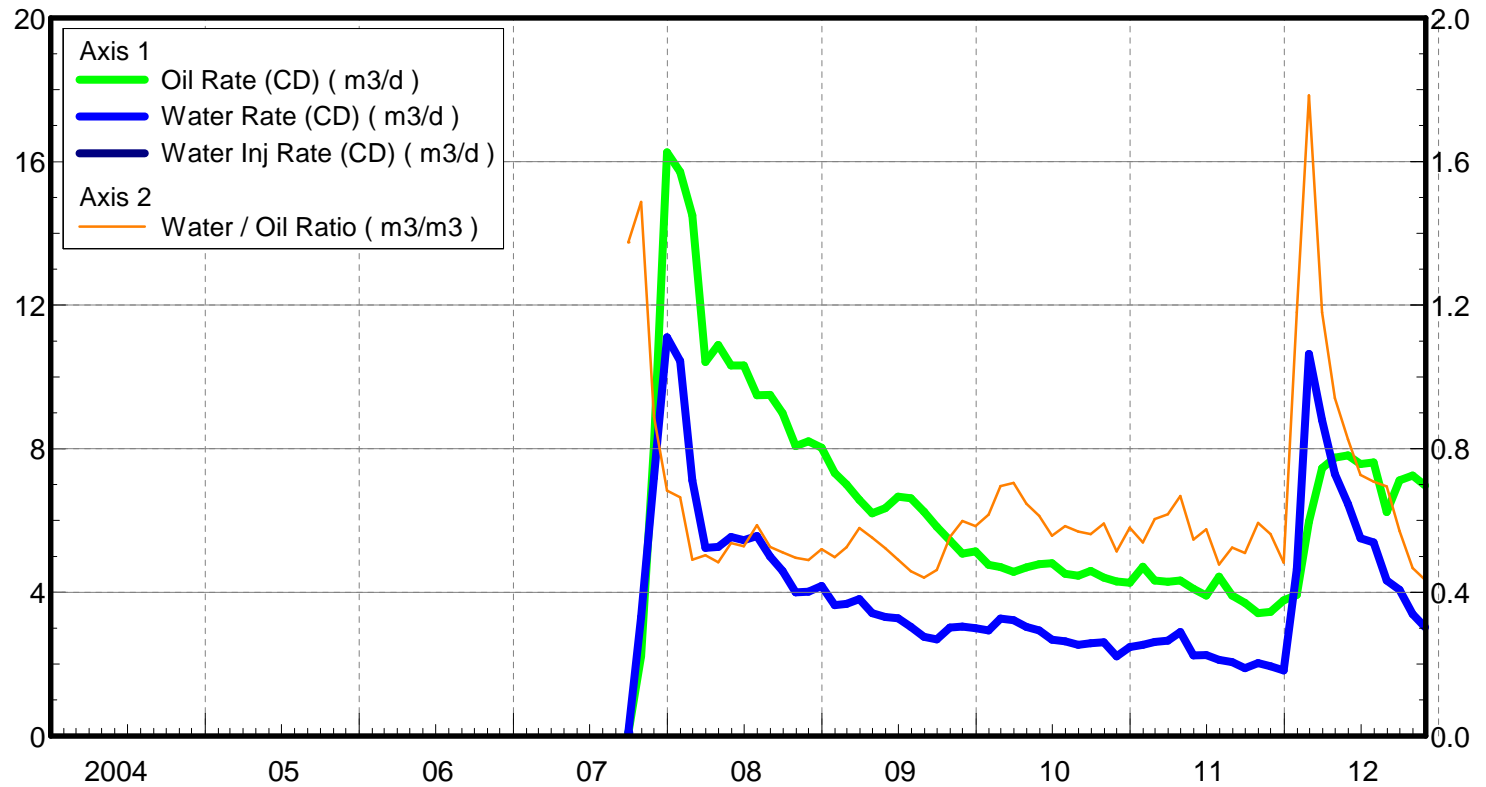
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 6.52 m3/d

Water Rate (CD) : 3.09 m3/d

Water Inj Rate (CD) : \* 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 Replacemnt Ratio
9/30/2007	0.07	0.09	1.38		0.00	0.00	0.00	0.000	0.000
10/31/2007	2.23	3.31	1.49		0.07	0.11	0.00	0.000	0.000
11/30/2007	8.08	7.19	0.89		0.31	0.32	0.00	0.000	0.000
12/31/2007	16.26	11.11	0.68		0.82	0.67	0.00	0.000	0.000
1/31/2008	15.71	10.44	0.66		1.30	0.99	0.00	0.000	0.000
2/29/2008	14.50	7.12	0.49		1.72	1.20	0.00	0.000	0.000
3/31/2008	10.42	5.24	0.50		2.05	1.36	0.00	0.000	0.000
4/30/2008	10.89	5.26	0.48		2.37	1.52	0.00	0.000	0.000
5/31/2008	10.32	5.54	0.54		2.69	1.69	0.00	0.000	0.000
6/30/2008	10.32	5.45	0.53		3.00	1.85	0.00	0.000	0.000
7/31/2008	9.49	5.57	0.59		3.30	2.02	0.00	0.000	0.000
8/31/2008	9.50	5.00	0.53		3.59	2.18	0.00	0.000	0.000
9/30/2008	8.99	4.60	0.51		3.86	2.32	0.00	0.000	0.000
10/31/2008	8.07	4.00	0.50		4.11	2.44	0.00	0.000	0.000
11/30/2008	8.21	4.02	0.49		4.36	2.56	0.00	0.000	0.000
12/31/2008	8.03	4.18	0.52		4.61	2.69	0.00	0.000	0.000
1/31/2009	7.32	3.64	0.50		4.83	2.80	0.00	0.000	0.000
2/28/2009	7.00	3.68	0.53		5.03	2.91	0.00	0.000	0.000
3/31/2009	6.58	3.81	0.58		5.23	3.02	0.00	0.000	0.000
4/30/2009	6.20	3.42	0.55		5.42	3.13	0.00	0.000	0.000
5/31/2009	6.34	3.31	0.52		5.62	3.23	0.00	0.000	0.000
6/30/2009	6.67	3.27	0.49		5.82	3.33	0.00	0.000	0.000
7/31/2009	6.62	3.04	0.46		6.02	3.42	0.00	0.000	0.000
8/31/2009	6.25	2.76	0.44		6.22	3.51	0.00	0.000	0.000
9/30/2009	5.82	2.69	0.46		6.39	3.59	0.00	0.000	0.000
10/31/2009	5.45	3.02	0.55		6.56	3.68	0.00	0.000	0.000
11/30/2009	5.08	3.04	0.60		6.71	3.77	0.00	0.000	0.000
12/31/2009	5.14	3.00	0.58		6.87	3.87	0.00	0.000	0.000
1/31/2010	4.76	2.94	0.62		7.02	3.96	0.00	0.000	0.000
2/28/2010	4.70	3.27	0.70		7.15	4.05	0.00	0.000	0.000
3/31/2010	4.57	3.22	0.71		7.29	4.15	0.00	0.000	0.000
4/30/2010	4.69	3.04	0.65		7.43	4.24	0.00	0.000	0.000
5/31/2010	4.79	2.93	0.61		7.58	4.33	0.00	0.000	0.000
6/30/2010	4.81	2.68	0.56		7.73	4.41	0.00	0.000	0.000
7/31/2010	4.51	2.64	0.58		7.87	4.49	0.00	0.000	0.000
8/31/2010	4.46	2.54	0.57		8.00	4.57	0.00	0.000	0.000
9/30/2010	4.59	2.58	0.56		8.14	4.65	0.00	0.000	0.000
10/31/2010	4.41	2.61	0.59		8.28	4.73	0.00	0.000	0.000
11/30/2010	4.30	2.21	0.51		8.41	4.80	0.00	0.000	0.000
12/31/2010	4.27	2.48	0.58		8.54	4.87	0.00	0.000	0.000
1/31/2011	4.71	2.54	0.54		8.69	4.95	0.00	0.000	0.000
2/28/2011	4.33	2.62	0.60		8.81	5.03	0.00	0.000	0.000
3/31/2011	4.30	2.65	0.62		8.94	5.11	0.00	0.000	0.000
4/30/2011	4.33	2.89	0.67		9.07	5.19	0.00	0.000	0.000
5/31/2011	4.09	2.24	0.55		9.20	5.26	0.00	0.000	0.000
6/30/2011	3.91	2.25	0.58		9.31	5.33	0.00	0.000	0.000
7/31/2011	4.44	2.12	0.48		9.45	5.40	0.00	0.000	0.000
8/31/2011	3.91	2.05	0.52		9.57	5.46	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
9/30/2011	3.70	1.89	0.51		9.68	5.52	0.00	0.000	0.000
10/31/2011	3.42	2.03	0.59		9.79	5.58	0.00	0.000	0.000
11/30/2011	3.46	1.94	0.56		9.89	5.64	0.00	0.000	0.000
12/31/2011	3.78	1.82	0.48		10.01	5.69	0.00	0.000	0.000
1/31/2012	3.93	4.64	1.18		10.13	5.84	0.00	0.000	0.000
2/29/2012	5.97	10.64	1.78		10.31	6.15	0.00	0.000	0.000
3/31/2012	7.45	8.80	1.18		10.54	6.42	0.00	0.000	0.000
4/30/2012	7.75	7.29	0.94		10.77	6.64	0.00	0.000	0.000
5/31/2012	7.81	6.46	0.83		11.01	6.84	0.00	0.000	0.000
6/30/2012	7.58	5.51	0.73		11.24	7.00	0.00	0.000	0.000
7/31/2012	7.61	5.39	0.71		11.47	7.17	0.00	0.000	0.000
8/31/2012	6.23	4.33	0.69		11.67	7.31	0.00	0.000	0.000
9/30/2012	7.12	4.07	0.57		11.88	7.43	0.00	0.000	0.000
10/31/2012	7.26	3.39	0.47		12.11	7.53	0.00	0.000	0.000
11/30/2012	6.97	3.03	0.43		12.32	7.62	0.00	0.000	0.000
12/31/2012	6.52	3.09	0.47		12.52	7.72	0.00	0.000	0.000

# Pattern: 03/08-08-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.41 m3/m3

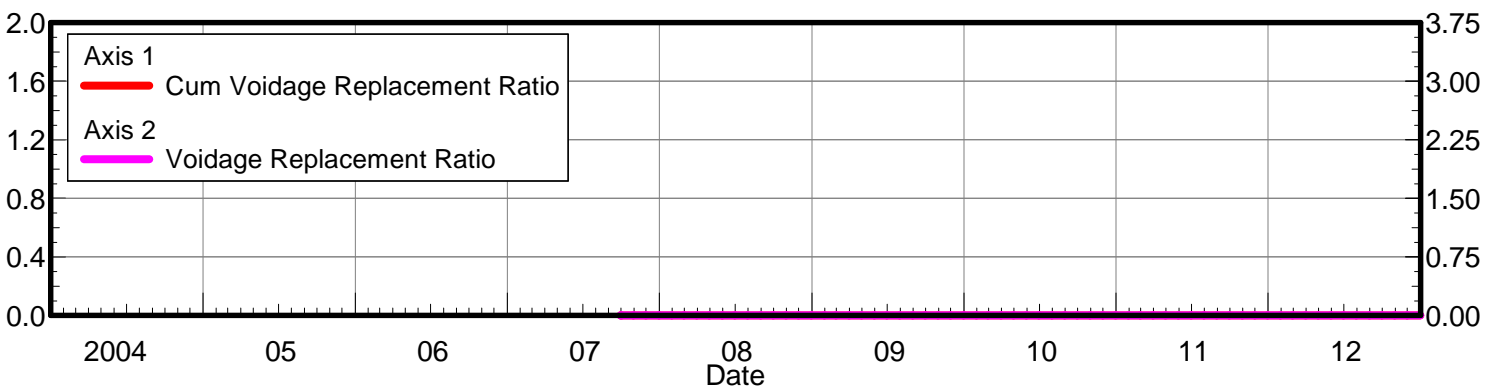
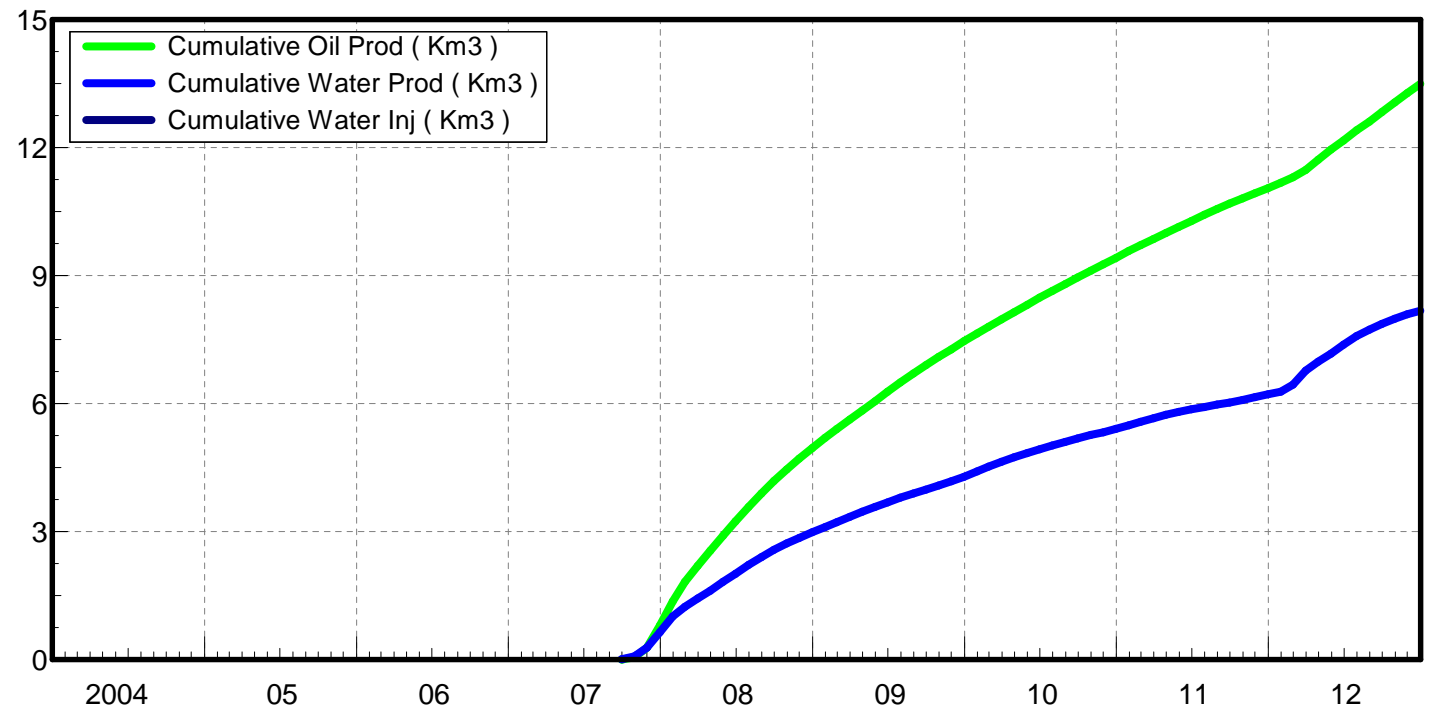
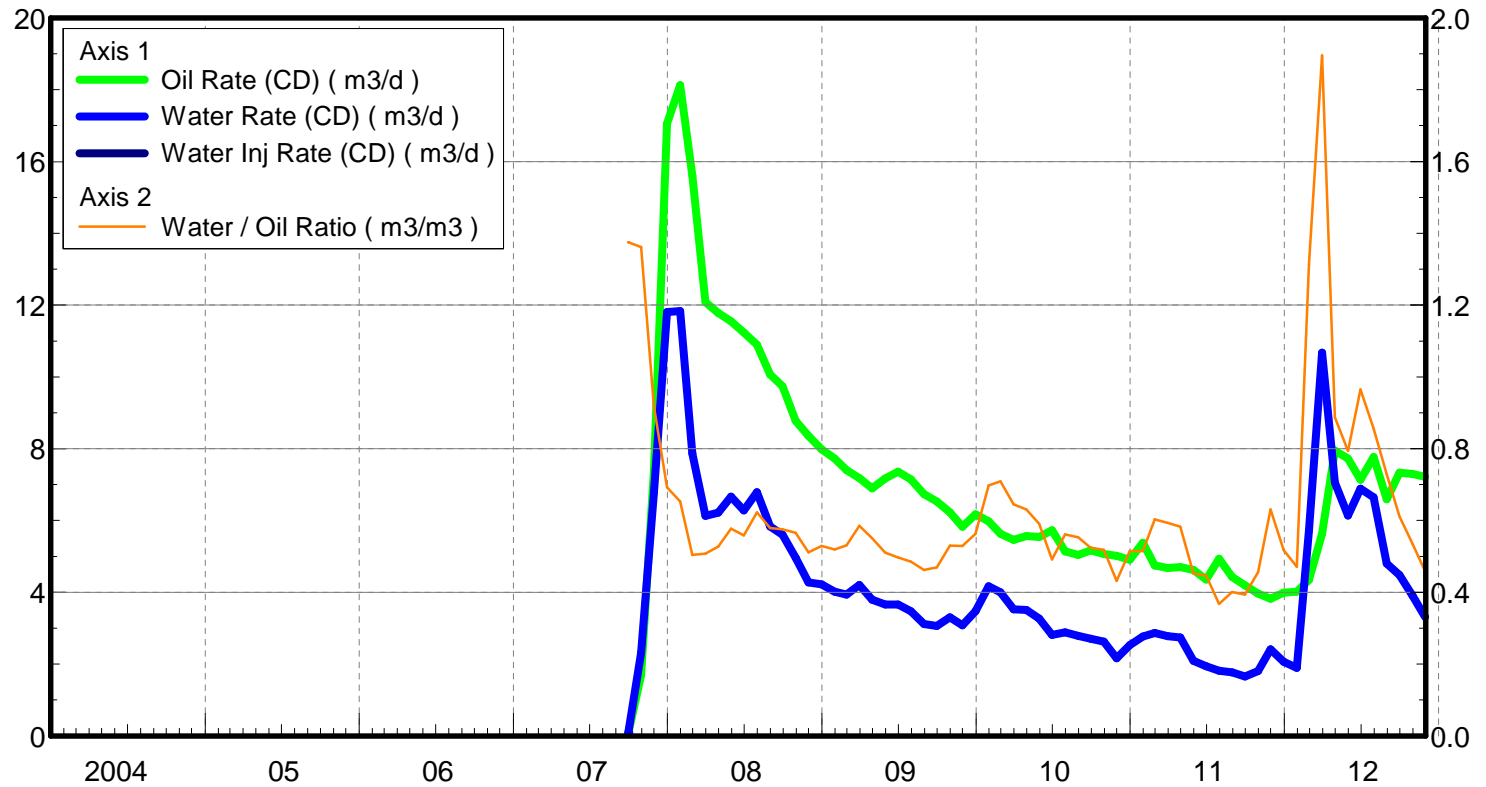
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 7.00 m3/d

Water Rate (CD) : 2.88 m3/d

Water Inj Rate (CD) : \* 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
9/30/2007	0.07	0.09	1.38		0.00	0.00	0.00	0.000	0.000
10/31/2007	1.70	2.31	1.36		0.05	0.07	0.00	0.000	0.000
11/30/2007	7.38	6.78	0.92		0.28	0.28	0.00	0.000	0.000
12/31/2007	17.06	11.81	0.69		0.81	0.64	0.00	0.000	0.000
1/31/2008	18.12	11.84	0.65		1.37	1.01	0.00	0.000	0.000
2/29/2008	15.62	7.87	0.50		1.82	1.24	0.00	0.000	0.000
3/31/2008	12.08	6.13	0.51		2.19	1.43	0.00	0.000	0.000
4/30/2008	11.78	6.21	0.53		2.55	1.62	0.00	0.000	0.000
5/31/2008	11.55	6.66	0.58		2.91	1.82	0.00	0.000	0.000
6/30/2008	11.24	6.28	0.56		3.24	2.01	0.00	0.000	0.000
7/31/2008	10.90	6.79	0.62		3.58	2.22	0.00	0.000	0.000
8/31/2008	10.07	5.83	0.58		3.89	2.40	0.00	0.000	0.000
9/30/2008	9.74	5.60	0.58		4.19	2.57	0.00	0.000	0.000
10/31/2008	8.77	4.96	0.57		4.46	2.72	0.00	0.000	0.000
11/30/2008	8.36	4.27	0.51		4.71	2.85	0.00	0.000	0.000
12/31/2008	7.98	4.22	0.53		4.96	2.98	0.00	0.000	0.000
1/31/2009	7.73	4.02	0.52		5.19	3.11	0.00	0.000	0.000
2/28/2009	7.41	3.94	0.53		5.40	3.22	0.00	0.000	0.000
3/31/2009	7.18	4.20	0.59		5.62	3.35	0.00	0.000	0.000
4/30/2009	6.90	3.80	0.55		5.83	3.46	0.00	0.000	0.000
5/31/2009	7.18	3.66	0.51		6.05	3.57	0.00	0.000	0.000
6/30/2009	7.36	3.66	0.50		6.27	3.68	0.00	0.000	0.000
7/31/2009	7.14	3.47	0.49		6.50	3.79	0.00	0.000	0.000
8/31/2009	6.74	3.11	0.46		6.71	3.89	0.00	0.000	0.000
9/30/2009	6.53	3.06	0.47		6.90	3.98	0.00	0.000	0.000
10/31/2009	6.23	3.30	0.53		7.09	4.08	0.00	0.000	0.000
11/30/2009	5.83	3.08	0.53		7.27	4.18	0.00	0.000	0.000
12/31/2009	6.17	3.47	0.56		7.46	4.28	0.00	0.000	0.000
1/31/2010	5.98	4.17	0.70		7.65	4.41	0.00	0.000	0.000
2/28/2010	5.63	3.99	0.71		7.80	4.52	0.00	0.000	0.000
3/31/2010	5.46	3.52	0.65		7.97	4.63	0.00	0.000	0.000
4/30/2010	5.56	3.51	0.63		8.14	4.74	0.00	0.000	0.000
5/31/2010	5.54	3.27	0.59		8.31	4.84	0.00	0.000	0.000
6/30/2010	5.73	2.82	0.49		8.48	4.92	0.00	0.000	0.000
7/31/2010	5.14	2.88	0.56		8.64	5.01	0.00	0.000	0.000
8/31/2010	5.04	2.79	0.55		8.80	5.10	0.00	0.000	0.000
9/30/2010	5.16	2.71	0.52		8.95	5.18	0.00	0.000	0.000
10/31/2010	5.07	2.63	0.52		9.11	5.26	0.00	0.000	0.000
11/30/2010	5.01	2.17	0.43		9.26	5.33	0.00	0.000	0.000
12/31/2010	4.91	2.53	0.51		9.41	5.41	0.00	0.000	0.000
1/31/2011	5.38	2.77	0.51		9.58	5.49	0.00	0.000	0.000
2/28/2011	4.75	2.86	0.60		9.71	5.57	0.00	0.000	0.000
3/31/2011	4.68	2.78	0.59		9.86	5.66	0.00	0.000	0.000
4/30/2011	4.71	2.74	0.58		10.00	5.74	0.00	0.000	0.000
5/31/2011	4.62	2.09	0.45		10.14	5.81	0.00	0.000	0.000
6/30/2011	4.35	1.94	0.45		10.27	5.86	0.00	0.000	0.000
7/31/2011	4.94	1.82	0.37		10.43	5.92	0.00	0.000	0.000
8/31/2011	4.43	1.77	0.40		10.56	5.97	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
9/30/2011	4.20	1.65	0.39		10.69	6.02	0.00	0.000	0.000
10/31/2011	3.96	1.81	0.46		10.81	6.08	0.00	0.000	0.000
11/30/2011	3.82	2.41	0.63		10.93	6.15	0.00	0.000	0.000
12/31/2011	3.99	2.06	0.52		11.05	6.22	0.00	0.000	0.000
1/31/2012	4.02	1.89	0.47		11.17	6.28	0.00	0.000	0.000
2/29/2012	4.35	5.72	1.31		11.30	6.44	0.00	0.000	0.000
3/31/2012	5.63	10.67	1.90		11.48	6.77	0.00	0.000	0.000
4/30/2012	7.95	7.06	0.89		11.71	6.98	0.00	0.000	0.000
5/31/2012	7.73	6.14	0.79		11.95	7.17	0.00	0.000	0.000
6/30/2012	7.13	6.89	0.97		12.17	7.38	0.00	0.000	0.000
7/31/2012	7.77	6.65	0.86		12.41	7.59	0.00	0.000	0.000
8/31/2012	6.59	4.80	0.73		12.61	7.74	0.00	0.000	0.000
9/30/2012	7.33	4.48	0.61		12.83	7.87	0.00	0.000	0.000
10/31/2012	7.30	3.90	0.53		13.06	7.99	0.00	0.000	0.000
11/30/2012	7.22	3.31	0.46		13.28	8.09	0.00	0.000	0.000
12/31/2012	7.00	2.88	0.41		13.49	8.18	0.00	0.000	0.000

# Pattern: 02/09-08-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.40 m3/m3

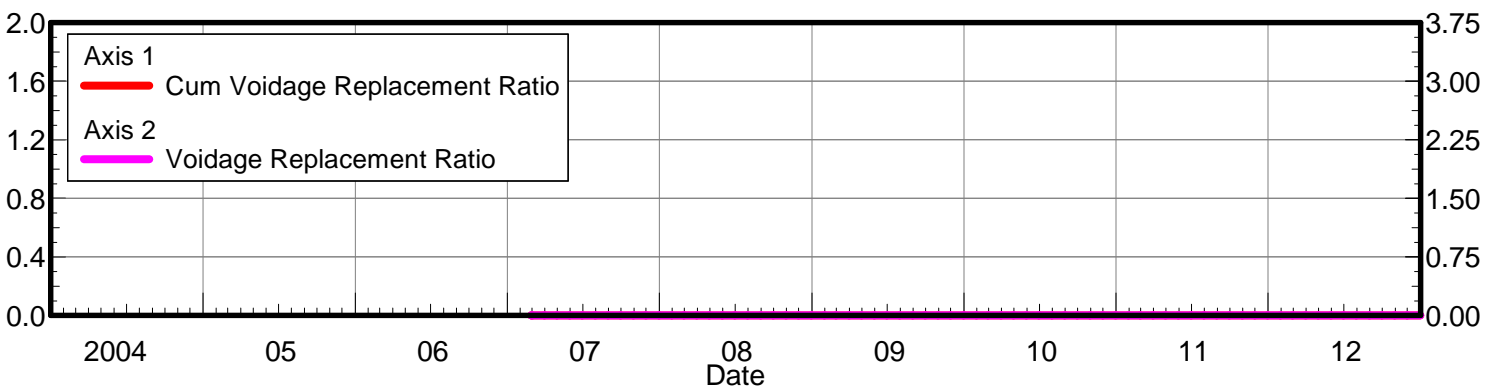
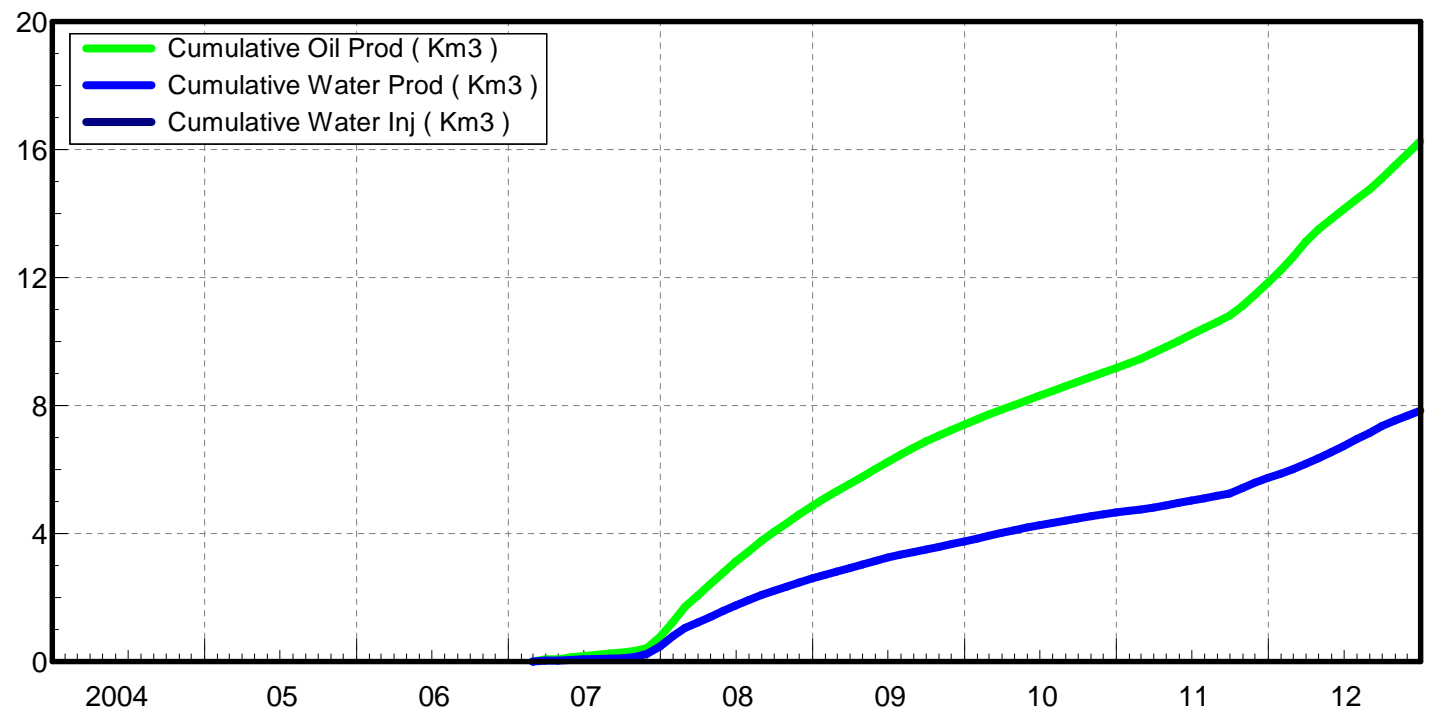
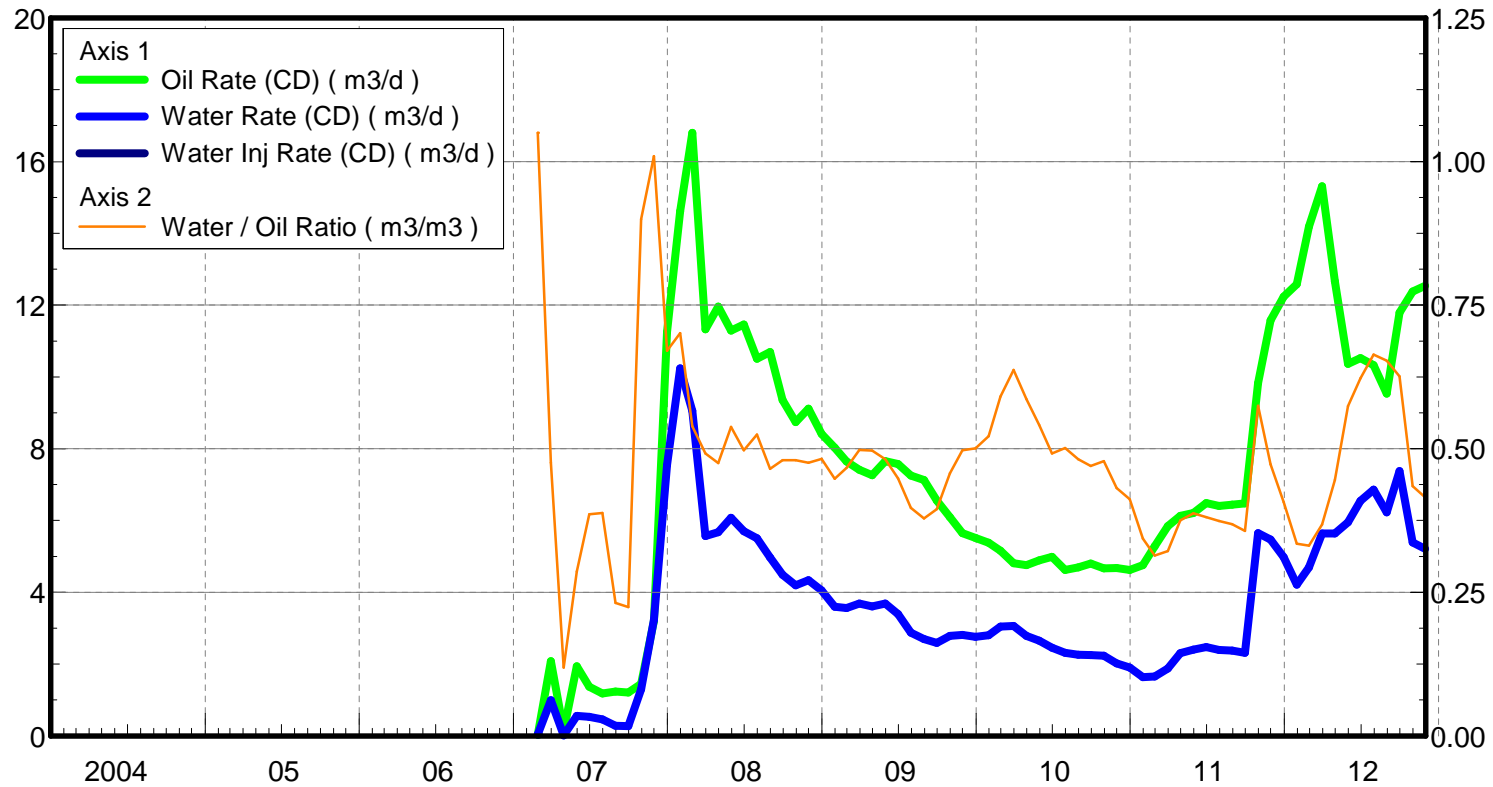
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 12.79 m3/d

Water Rate (CD) : 5.16 m3/d

Water Inj Rate (CD) : \* 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
2/28/2007	0.04	0.04	1.05		0.00	0.00	0.00	0.000	0.000
3/31/2007	2.08	0.99	0.48		0.07	0.03	0.00	0.000	0.000
4/30/2007	0.14	0.02	0.12		0.07	0.03	0.00	0.000	0.000
5/31/2007	1.94	0.55	0.29		0.13	0.05	0.00	0.000	0.000
6/30/2007	1.37	0.53	0.39		0.17	0.07	0.00	0.000	0.000
7/31/2007	1.18	0.46	0.39		0.21	0.08	0.00	0.000	0.000
8/31/2007	1.23	0.29	0.23		0.25	0.09	0.00	0.000	0.000
9/30/2007	1.21	0.27	0.22		0.28	0.10	0.00	0.000	0.000
10/31/2007	1.45	1.30	0.90		0.33	0.14	0.00	0.000	0.000
11/30/2007	3.20	3.23	1.01		0.42	0.23	0.00	0.000	0.000
12/31/2007	11.25	7.55	0.67		0.77	0.47	0.00	0.000	0.000
1/31/2008	14.61	10.24	0.70		1.22	0.79	0.00	0.000	0.000
2/29/2008	16.79	9.05	0.54		1.71	1.05	0.00	0.000	0.000
3/31/2008	11.32	5.57	0.49		2.06	1.22	0.00	0.000	0.000
4/30/2008	11.96	5.68	0.47		2.42	1.39	0.00	0.000	0.000
5/31/2008	11.29	6.07	0.54		2.77	1.58	0.00	0.000	0.000
6/30/2008	11.46	5.70	0.50		3.12	1.75	0.00	0.000	0.000
7/31/2008	10.50	5.51	0.52		3.44	1.92	0.00	0.000	0.000
8/31/2008	10.70	4.97	0.47		3.77	2.07	0.00	0.000	0.000
9/30/2008	9.36	4.49	0.48		4.05	2.21	0.00	0.000	0.000
10/31/2008	8.74	4.20	0.48		4.32	2.34	0.00	0.000	0.000
11/30/2008	9.11	4.34	0.48		4.60	2.47	0.00	0.000	0.000
12/31/2008	8.41	4.06	0.48		4.86	2.60	0.00	0.000	0.000
1/31/2009	8.02	3.59	0.45		5.11	2.71	0.00	0.000	0.000
2/28/2009	7.64	3.56	0.47		5.32	2.81	0.00	0.000	0.000
3/31/2009	7.41	3.69	0.50		5.55	2.92	0.00	0.000	0.000
4/30/2009	7.26	3.61	0.50		5.77	3.03	0.00	0.000	0.000
5/31/2009	7.65	3.69	0.48		6.01	3.14	0.00	0.000	0.000
6/30/2009	7.57	3.39	0.45		6.23	3.25	0.00	0.000	0.000
7/31/2009	7.25	2.88	0.40		6.46	3.33	0.00	0.000	0.000
8/31/2009	7.13	2.70	0.38		6.68	3.42	0.00	0.000	0.000
9/30/2009	6.56	2.59	0.39		6.88	3.50	0.00	0.000	0.000
10/31/2009	6.10	2.79	0.46		7.06	3.58	0.00	0.000	0.000
11/30/2009	5.65	2.81	0.50		7.23	3.67	0.00	0.000	0.000
12/31/2009	5.51	2.76	0.50		7.41	3.75	0.00	0.000	0.000
1/31/2010	5.38	2.81	0.52		7.57	3.84	0.00	0.000	0.000
2/28/2010	5.15	3.05	0.59		7.72	3.92	0.00	0.000	0.000
3/31/2010	4.81	3.07	0.64		7.87	4.02	0.00	0.000	0.000
4/30/2010	4.75	2.79	0.59		8.01	4.10	0.00	0.000	0.000
5/31/2010	4.89	2.65	0.54		8.16	4.19	0.00	0.000	0.000
6/30/2010	4.99	2.45	0.49		8.31	4.26	0.00	0.000	0.000
7/31/2010	4.63	2.32	0.50		8.45	4.33	0.00	0.000	0.000
8/31/2010	4.69	2.26	0.48		8.60	4.40	0.00	0.000	0.000
9/30/2010	4.80	2.25	0.47		8.74	4.47	0.00	0.000	0.000
10/31/2010	4.66	2.23	0.48		8.89	4.54	0.00	0.000	0.000
11/30/2010	4.67	2.02	0.43		9.03	4.60	0.00	0.000	0.000
12/31/2010	4.62	1.90	0.41		9.17	4.66	0.00	0.000	0.000
1/31/2011	4.76	1.63	0.34		9.32	4.71	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
2/28/2011	5.28	1.66	0.31		9.47	4.75	0.00	0.000	0.000
3/31/2011	5.84	1.88	0.32		9.65	4.81	0.00	0.000	0.000
4/30/2011	6.13	2.30	0.38		9.83	4.88	0.00	0.000	0.000
5/31/2011	6.21	2.41	0.39		10.02	4.96	0.00	0.000	0.000
6/30/2011	6.48	2.47	0.38		10.22	5.03	0.00	0.000	0.000
7/31/2011	6.41	2.40	0.37		10.42	5.10	0.00	0.000	0.000
8/31/2011	6.44	2.37	0.37		10.62	5.18	0.00	0.000	0.000
9/30/2011	6.48	2.31	0.36		10.81	5.25	0.00	0.000	0.000
10/31/2011	9.82	5.64	0.57		11.11	5.42	0.00	0.000	0.000
11/30/2011	11.57	5.47	0.47		11.46	5.59	0.00	0.000	0.000
12/31/2011	12.24	4.98	0.41		11.84	5.74	0.00	0.000	0.000
1/31/2012	12.58	4.21	0.33		12.23	5.87	0.00	0.000	0.000
2/29/2012	14.19	4.70	0.33		12.64	6.01	0.00	0.000	0.000
3/31/2012	15.31	5.64	0.37		13.12	6.18	0.00	0.000	0.000
4/30/2012	12.66	5.64	0.45		13.50	6.35	0.00	0.000	0.000
5/31/2012	10.36	5.95	0.57		13.82	6.54	0.00	0.000	0.000
6/30/2012	10.52	6.55	0.62		14.13	6.73	0.00	0.000	0.000
7/31/2012	10.33	6.86	0.66		14.45	6.95	0.00	0.000	0.000
8/31/2012	9.53	6.23	0.65		14.75	7.14	0.00	0.000	0.000
9/30/2012	11.79	7.38	0.63		15.10	7.36	0.00	0.000	0.000
10/31/2012	12.38	5.39	0.43		15.49	7.53	0.00	0.000	0.000
11/30/2012	12.54	5.21	0.42		15.86	7.68	0.00	0.000	0.000
12/31/2012	12.79	5.16	0.40		16.26	7.84	0.00	0.000	0.000

# Pattern: 02/01-17-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.48 m3/m3

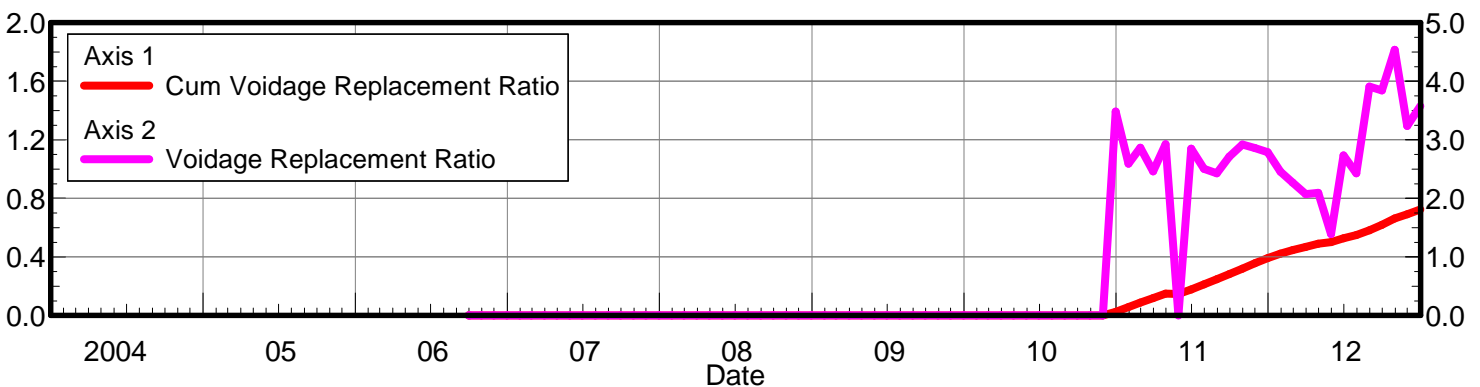
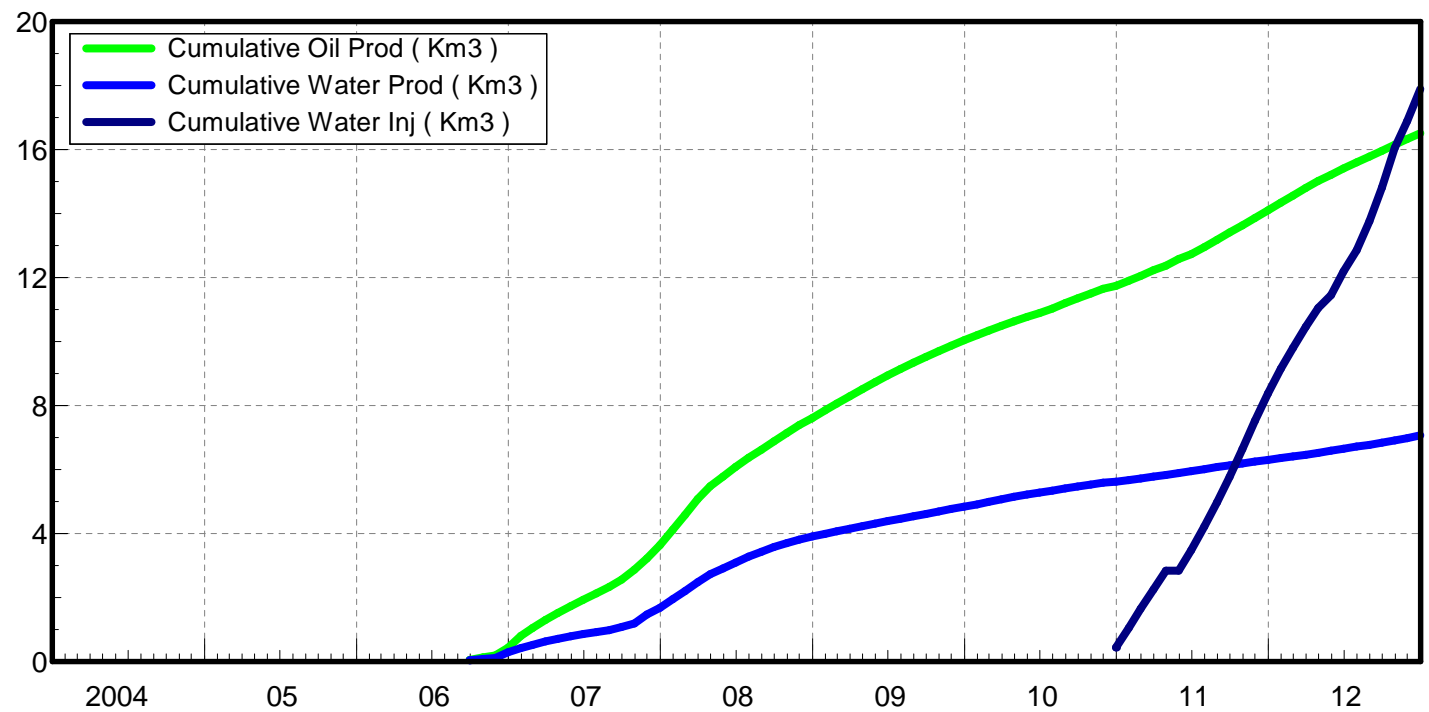
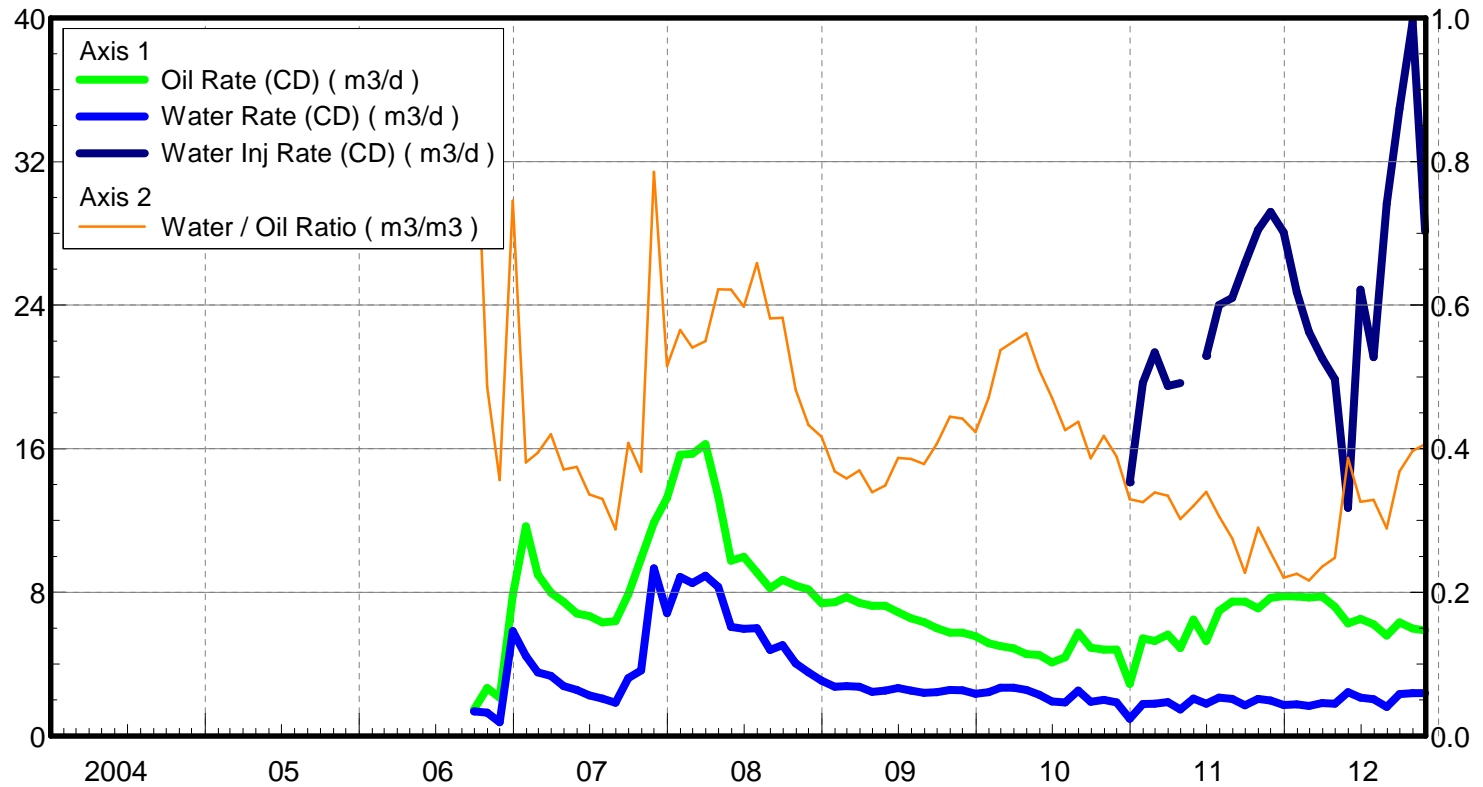
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 5.81 m3/d

Water Rate (CD) : 2.81 m3/d

Water Inj Rate (CD) : 32.28 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 Replacemnt Ratio
9/30/2006	1.47	1.37	0.93		0.04	0.04	0.00	0.000	0.000
10/31/2006	2.66	1.29	0.49		0.13	0.08	0.00	0.000	0.000
11/30/2006	2.13	0.76	0.36		0.19	0.10	0.00	0.000	0.000
12/31/2006	7.83	5.84	0.75		0.43	0.28	0.00	0.000	0.000
1/31/2007	11.67	4.45	0.38		0.80	0.42	0.00	0.000	0.000
2/28/2007	9.00	3.55	0.39		1.05	0.52	0.00	0.000	0.000
3/31/2007	7.97	3.35	0.42		1.29	0.63	0.00	0.000	0.000
4/30/2007	7.46	2.77	0.37		1.52	0.71	0.00	0.000	0.000
5/31/2007	6.83	2.56	0.37		1.73	0.79	0.00	0.000	0.000
6/30/2007	6.68	2.25	0.34		1.93	0.86	0.00	0.000	0.000
7/31/2007	6.31	2.08	0.33		2.13	0.92	0.00	0.000	0.000
8/31/2007	6.40	1.84	0.29		2.32	0.98	0.00	0.000	0.000
9/30/2007	7.89	3.22	0.41		2.56	1.07	0.00	0.000	0.000
10/31/2007	9.89	3.64	0.37		2.87	1.19	0.00	0.000	0.000
11/30/2007	11.88	9.33	0.79		3.22	1.47	0.00	0.000	0.000
12/31/2007	13.26	6.83	0.52		3.64	1.68	0.00	0.000	0.000
1/31/2008	15.66	8.85	0.57		4.12	1.95	0.00	0.000	0.000
2/29/2008	15.72	8.51	0.54		4.58	2.20	0.00	0.000	0.000
3/31/2008	16.24	8.93	0.55		5.08	2.48	0.00	0.000	0.000
4/30/2008	13.35	8.30	0.62		5.48	2.73	0.00	0.000	0.000
5/31/2008	9.77	6.07	0.62		5.78	2.91	0.00	0.000	0.000
6/30/2008	9.98	5.97	0.60		6.08	3.09	0.00	0.000	0.000
7/31/2008	9.10	5.99	0.66		6.37	3.28	0.00	0.000	0.000
8/31/2008	8.23	4.78	0.58		6.62	3.43	0.00	0.000	0.000
9/30/2008	8.69	5.06	0.58		6.88	3.58	0.00	0.000	0.000
10/31/2008	8.37	4.04	0.48		7.14	3.70	0.00	0.000	0.000
11/30/2008	8.15	3.53	0.43		7.39	3.81	0.00	0.000	0.000
12/31/2008	7.39	3.08	0.42		7.61	3.91	0.00	0.000	0.000
1/31/2009	7.45	2.75	0.37		7.85	3.99	0.00	0.000	0.000
2/28/2009	7.73	2.77	0.36		8.06	4.07	0.00	0.000	0.000
3/31/2009	7.40	2.74	0.37		8.29	4.15	0.00	0.000	0.000
4/30/2009	7.24	2.46	0.34		8.51	4.23	0.00	0.000	0.000
5/31/2009	7.25	2.53	0.35		8.73	4.31	0.00	0.000	0.000
6/30/2009	6.89	2.67	0.39		8.94	4.39	0.00	0.000	0.000
7/31/2009	6.55	2.53	0.39		9.14	4.46	0.00	0.000	0.000
8/31/2009	6.33	2.40	0.38		9.34	4.54	0.00	0.000	0.000
9/30/2009	5.99	2.44	0.41		9.52	4.61	0.00	0.000	0.000
10/31/2009	5.75	2.55	0.44		9.70	4.69	0.00	0.000	0.000
11/30/2009	5.75	2.54	0.44		9.87	4.77	0.00	0.000	0.000
12/31/2009	5.55	2.35	0.42		10.04	4.84	0.00	0.000	0.000
1/31/2010	5.17	2.43	0.47		10.20	4.91	0.00	0.000	0.000
2/28/2010	5.00	2.69	0.54		10.34	4.99	0.00	0.000	0.000
3/31/2010	4.88	2.68	0.55		10.49	5.07	0.00	0.000	0.000
4/30/2010	4.55	2.55	0.56		10.63	5.15	0.00	0.000	0.000
5/31/2010	4.50	2.29	0.51		10.77	5.22	0.00	0.000	0.000
6/30/2010	4.09	1.93	0.47		10.89	5.28	0.00	0.000	0.000
7/31/2010	4.38	1.86	0.43		11.03	5.34	0.00	0.000	0.000
8/31/2010	5.76	2.52	0.44		11.21	5.41	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
9/30/2010	4.92	1.90	0.39		11.35	5.47	0.00	0.000	0.000
10/31/2010	4.81	2.01	0.42		11.50	5.53	0.00	0.000	0.000
11/30/2010	4.81	1.87	0.39		11.65	5.59	0.00	0.000	0.000
12/31/2010	2.90	0.96	0.33	14.13	11.74	5.62	0.44	3.481	0.024
1/31/2011	5.44	1.77	0.33	19.67	11.91	5.67	1.05	2.594	0.057
2/28/2011	5.29	1.79	0.34	21.37	12.05	5.72	1.65	2.868	0.088
3/31/2011	5.64	1.89	0.33	19.50	12.23	5.78	2.25	2.463	0.119
4/30/2011	4.90	1.48	0.30	19.66	12.38	5.83	2.84	2.926	0.149
5/31/2011	6.48	2.08	0.32		12.58	5.89	2.84	0.000	0.147
6/30/2011	5.28	1.79	0.34	21.18	12.73	5.95	3.48	2.846	0.178
7/31/2011	6.97	2.13	0.31	24.01	12.95	6.01	4.22	2.506	0.212
8/31/2011	7.48	2.06	0.28	24.40	13.18	6.08	4.98	2.426	0.247
9/30/2011	7.48	1.70	0.23	26.33	13.41	6.13	5.77	2.714	0.282
10/31/2011	7.10	2.06	0.29	28.19	13.63	6.19	6.64	2.921	0.320
11/30/2011	7.70	1.97	0.26	29.19	13.86	6.25	7.52	2.860	0.357
12/31/2011	7.79	1.72	0.22	28.05	14.10	6.30	8.39	2.791	0.392
1/31/2012	7.77	1.76	0.23	24.72	14.34	6.36	9.15	2.455	0.422
2/29/2012	7.72	1.67	0.22	22.51	14.56	6.41	9.80	2.267	0.446
3/31/2012	7.77	1.83	0.24	21.04	14.81	6.46	10.46	2.074	0.469
4/30/2012	7.20	1.79	0.25	19.87	15.02	6.52	11.05	2.095	0.489
5/31/2012	6.27	2.43	0.39	12.71	15.22	6.59	11.45	1.392	0.501
6/30/2012	6.52	2.13	0.33	24.87	15.41	6.65	12.19	2.732	0.527
7/31/2012	6.22	2.04	0.33	21.10	15.60	6.72	12.85	2.428	0.549
8/31/2012	5.59	1.61	0.29	29.65	15.78	6.77	13.77	3.907	0.582
9/30/2012	6.33	2.33	0.37	34.94	15.97	6.84	14.81	3.842	0.620
10/31/2012	5.98	2.37	0.40	39.78	16.15	6.91	16.05	4.538	0.664
11/30/2012	5.88	2.39	0.41	28.10	16.33	6.98	16.89	3.238	0.691
12/31/2012	5.81	2.81	0.48	32.28	16.51	7.07	17.89	3.576	0.724

# Pattern: 03/01-17-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.38 m3/m3

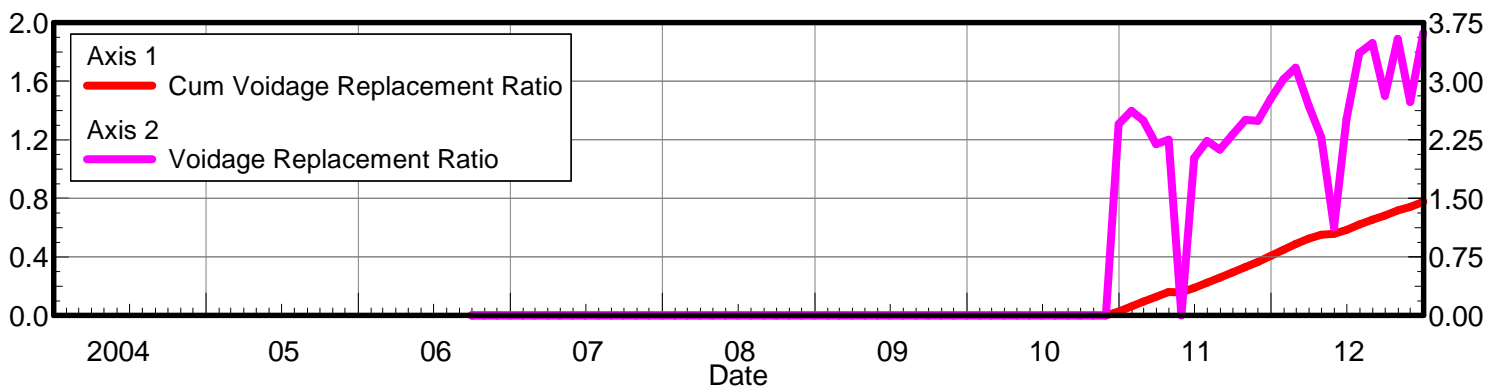
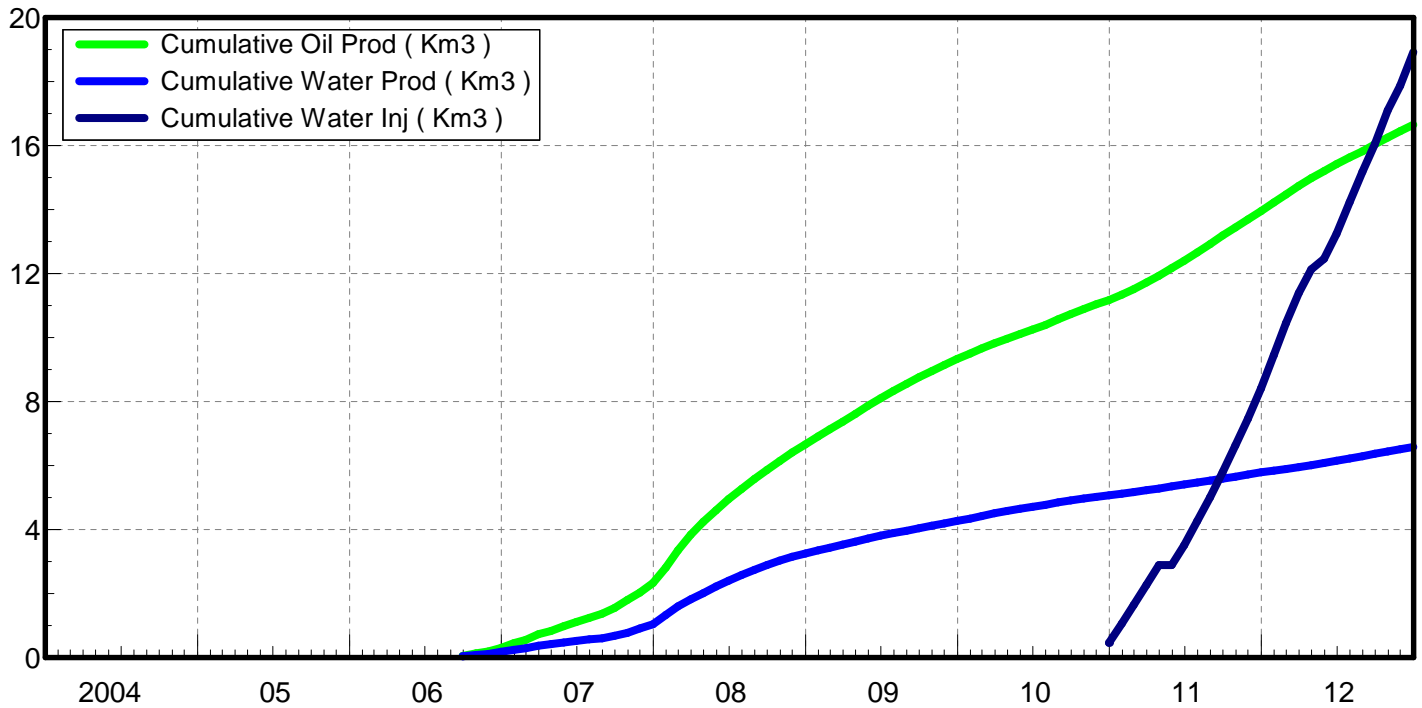
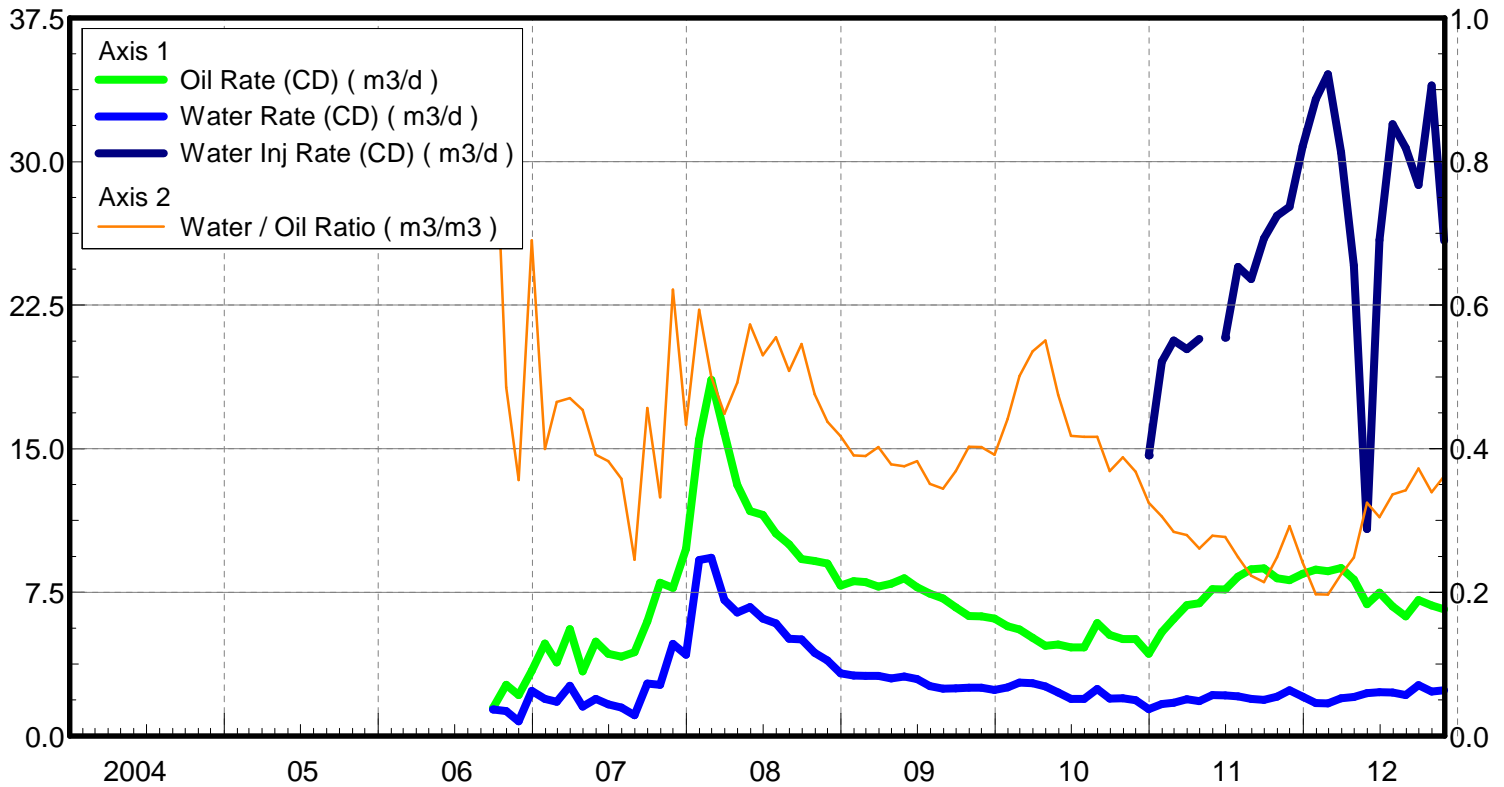
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 6.45 m3/d

Water Rate (CD) : 2.46 m3/d

Water Inj Rate (CD) : 33.87 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
9/30/2006	1.47	1.37	0.93		0.04	0.04	0.00	0.000	0.000
10/31/2006	2.66	1.29	0.49		0.13	0.08	0.00	0.000	0.000
11/30/2006	2.13	0.76	0.36		0.19	0.10	0.00	0.000	0.000
12/31/2006	3.41	2.35	0.69		0.30	0.18	0.00	0.000	0.000
1/31/2007	4.82	1.93	0.40		0.45	0.24	0.00	0.000	0.000
2/28/2007	3.83	1.78	0.47		0.55	0.29	0.00	0.000	0.000
3/31/2007	5.57	2.62	0.47		0.73	0.37	0.00	0.000	0.000
4/30/2007	3.37	1.53	0.45		0.83	0.41	0.00	0.000	0.000
5/31/2007	4.92	1.92	0.39		0.98	0.47	0.00	0.000	0.000
6/30/2007	4.28	1.64	0.38		1.11	0.52	0.00	0.000	0.000
7/31/2007	4.13	1.48	0.36		1.24	0.57	0.00	0.000	0.000
8/31/2007	4.38	1.07	0.25		1.37	0.60	0.00	0.000	0.000
9/30/2007	5.98	2.73	0.46		1.55	0.68	0.00	0.000	0.000
10/31/2007	8.01	2.66	0.33		1.80	0.77	0.00	0.000	0.000
11/30/2007	7.73	4.80	0.62		2.03	0.91	0.00	0.000	0.000
12/31/2007	9.77	4.23	0.43		2.33	1.04	0.00	0.000	0.000
1/31/2008	15.48	9.19	0.59		2.81	1.33	0.00	0.000	0.000
2/29/2008	18.59	9.30	0.50		3.35	1.60	0.00	0.000	0.000
3/31/2008	15.81	7.10	0.45		3.84	1.82	0.00	0.000	0.000
4/30/2008	13.11	6.45	0.49		4.24	2.01	0.00	0.000	0.000
5/31/2008	11.75	6.73	0.57		4.60	2.22	0.00	0.000	0.000
6/30/2008	11.55	6.12	0.53		4.95	2.40	0.00	0.000	0.000
7/31/2008	10.58	5.87	0.55		5.27	2.58	0.00	0.000	0.000
8/31/2008	10.00	5.08	0.51		5.58	2.74	0.00	0.000	0.000
9/30/2008	9.24	5.04	0.55		5.86	2.89	0.00	0.000	0.000
10/31/2008	9.13	4.34	0.48		6.14	3.03	0.00	0.000	0.000
11/30/2008	9.00	3.94	0.44		6.41	3.15	0.00	0.000	0.000
12/31/2008	7.84	3.27	0.42		6.66	3.25	0.00	0.000	0.000
1/31/2009	8.08	3.15	0.39		6.91	3.34	0.00	0.000	0.000
2/28/2009	8.04	3.13	0.39		7.13	3.43	0.00	0.000	0.000
3/31/2009	7.80	3.14	0.40		7.38	3.53	0.00	0.000	0.000
4/30/2009	7.95	3.01	0.38		7.61	3.62	0.00	0.000	0.000
5/31/2009	8.24	3.09	0.38		7.87	3.72	0.00	0.000	0.000
6/30/2009	7.76	2.97	0.38		8.10	3.80	0.00	0.000	0.000
7/31/2009	7.43	2.61	0.35		8.33	3.89	0.00	0.000	0.000
8/31/2009	7.18	2.47	0.34		8.55	3.96	0.00	0.000	0.000
9/30/2009	6.72	2.48	0.37		8.76	4.04	0.00	0.000	0.000
10/31/2009	6.27	2.52	0.40		8.95	4.11	0.00	0.000	0.000
11/30/2009	6.25	2.51	0.40		9.14	4.19	0.00	0.000	0.000
12/31/2009	6.13	2.40	0.39		9.33	4.26	0.00	0.000	0.000
1/31/2010	5.73	2.53	0.44		9.51	4.34	0.00	0.000	0.000
2/28/2010	5.56	2.78	0.50		9.66	4.42	0.00	0.000	0.000
3/31/2010	5.13	2.75	0.54		9.82	4.51	0.00	0.000	0.000
4/30/2010	4.70	2.59	0.55		9.96	4.58	0.00	0.000	0.000
5/31/2010	4.78	2.27	0.47		10.11	4.65	0.00	0.000	0.000
6/30/2010	4.62	1.93	0.42		10.25	4.71	0.00	0.000	0.000
7/31/2010	4.62	1.92	0.42		10.39	4.77	0.00	0.000	0.000
8/31/2010	5.89	2.45	0.42		10.57	4.85	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
9/30/2010	5.27	1.94	0.37		10.73	4.91	0.00	0.000	0.000
10/31/2010	5.06	1.96	0.39		10.89	4.97	0.00	0.000	0.000
11/30/2010	5.06	1.86	0.37		11.04	5.02	0.00	0.000	0.000
12/31/2010	4.28	1.39	0.32	14.65	11.17	5.07	0.45	2.453	0.027
1/31/2011	5.43	1.66	0.31	19.55	11.34	5.12	1.06	2.620	0.061
2/28/2011	6.11	1.73	0.28	20.65	11.51	5.17	1.64	2.499	0.094
3/31/2011	6.82	1.91	0.28	20.20	11.72	5.22	2.26	2.194	0.127
4/30/2011	6.93	1.81	0.26	20.73	11.93	5.28	2.89	2.249	0.160
5/31/2011	7.66	2.14	0.28		12.17	5.35	2.89	0.000	0.157
6/30/2011	7.65	2.12	0.28	20.79	12.40	5.41	3.51	2.019	0.188
7/31/2011	8.32	2.07	0.25	24.50	12.66	5.47	4.27	2.234	0.225
8/31/2011	8.70	1.94	0.22	23.86	12.93	5.53	5.01	2.123	0.259
9/30/2011	8.75	1.87	0.21	25.99	13.19	5.59	5.79	2.315	0.294
10/31/2011	8.23	2.05	0.25	27.17	13.44	5.65	6.63	2.505	0.331
11/30/2011	8.13	2.38	0.29	27.64	13.69	5.72	7.46	2.495	0.366
12/31/2011	8.46	2.04	0.24	30.79	13.95	5.79	8.41	2.777	0.406
1/31/2012	8.68	1.71	0.20	33.26	14.22	5.84	9.45	3.025	0.449
2/29/2012	8.60	1.69	0.20	34.56	14.47	5.89	10.45	3.175	0.489
3/31/2012	8.77	1.97	0.22	30.48	14.74	5.95	11.39	2.685	0.525
4/30/2012	8.16	2.03	0.25	24.57	14.98	6.01	12.13	2.285	0.550
5/31/2012	6.88	2.23	0.32	10.81	15.20	6.08	12.47	1.127	0.558
6/30/2012	7.48	2.28	0.30	25.90	15.42	6.15	13.24	2.519	0.585
7/31/2012	6.76	2.27	0.34	31.95	15.63	6.22	14.23	3.363	0.621
8/31/2012	6.24	2.14	0.34	30.72	15.83	6.29	15.18	3.488	0.654
9/30/2012	7.10	2.64	0.37	28.78	16.04	6.37	16.05	2.811	0.682
10/31/2012	6.81	2.31	0.34	33.98	16.25	6.44	17.10	3.543	0.718
11/30/2012	6.61	2.39	0.36	25.87	16.45	6.51	17.88	2.736	0.742
12/31/2012	6.45	2.46	0.38	33.87	16.65	6.58	18.93	3.621	0.776

# Pattern: 02/08-17-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.50 m3/m3

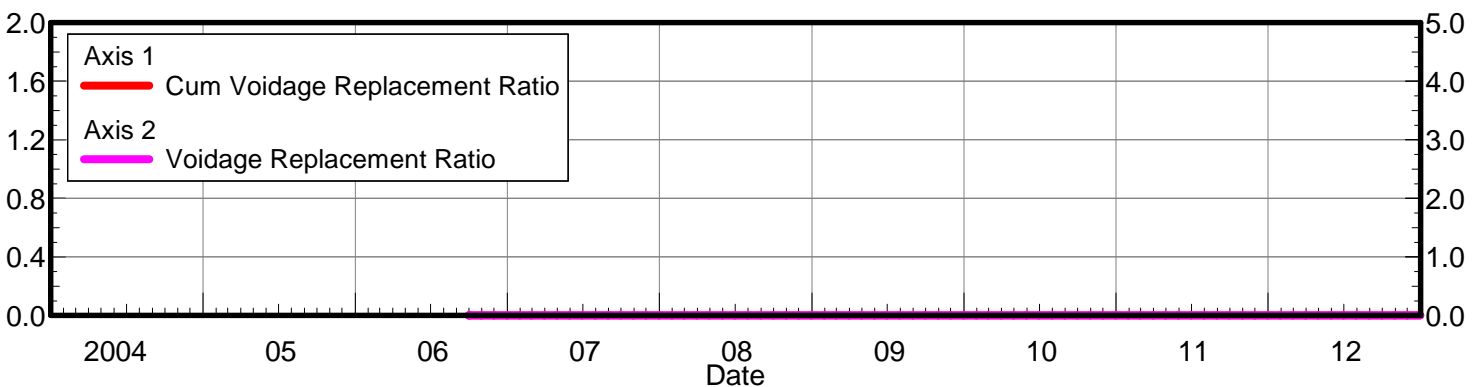
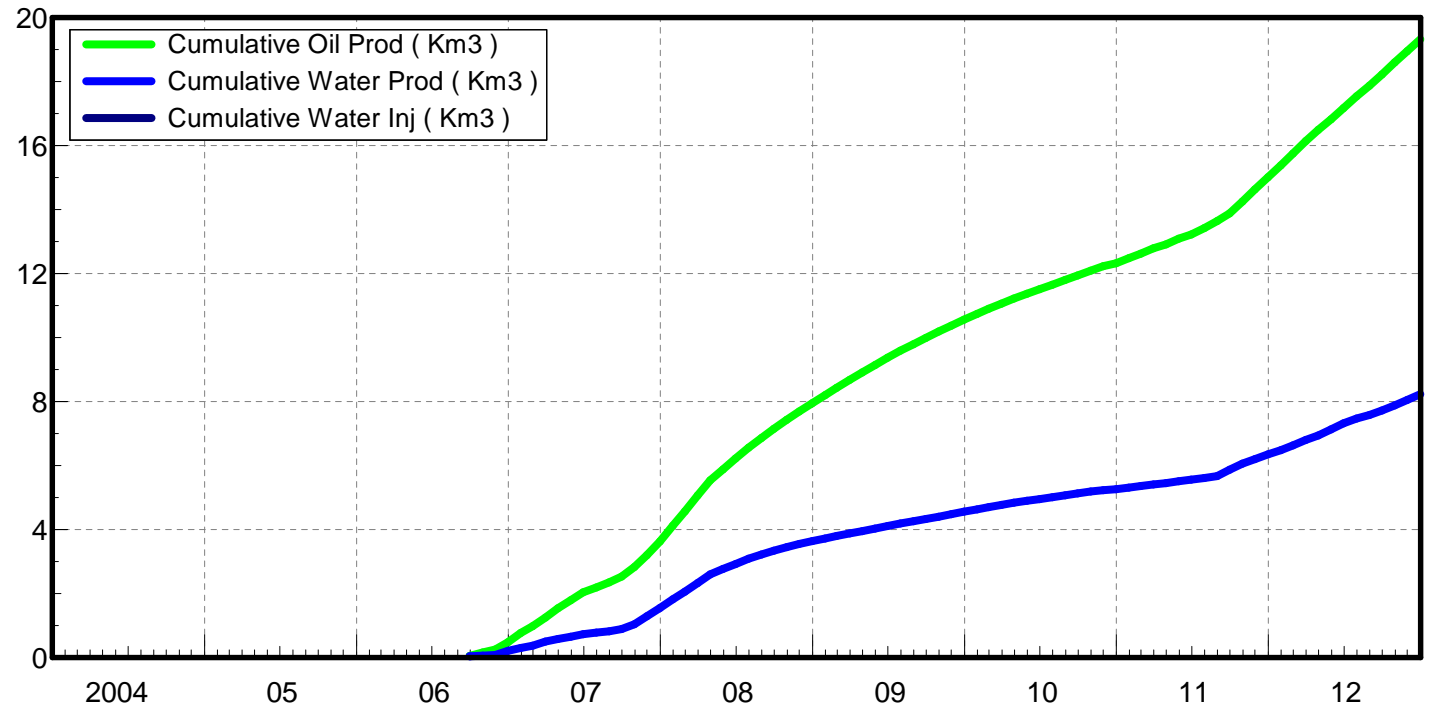
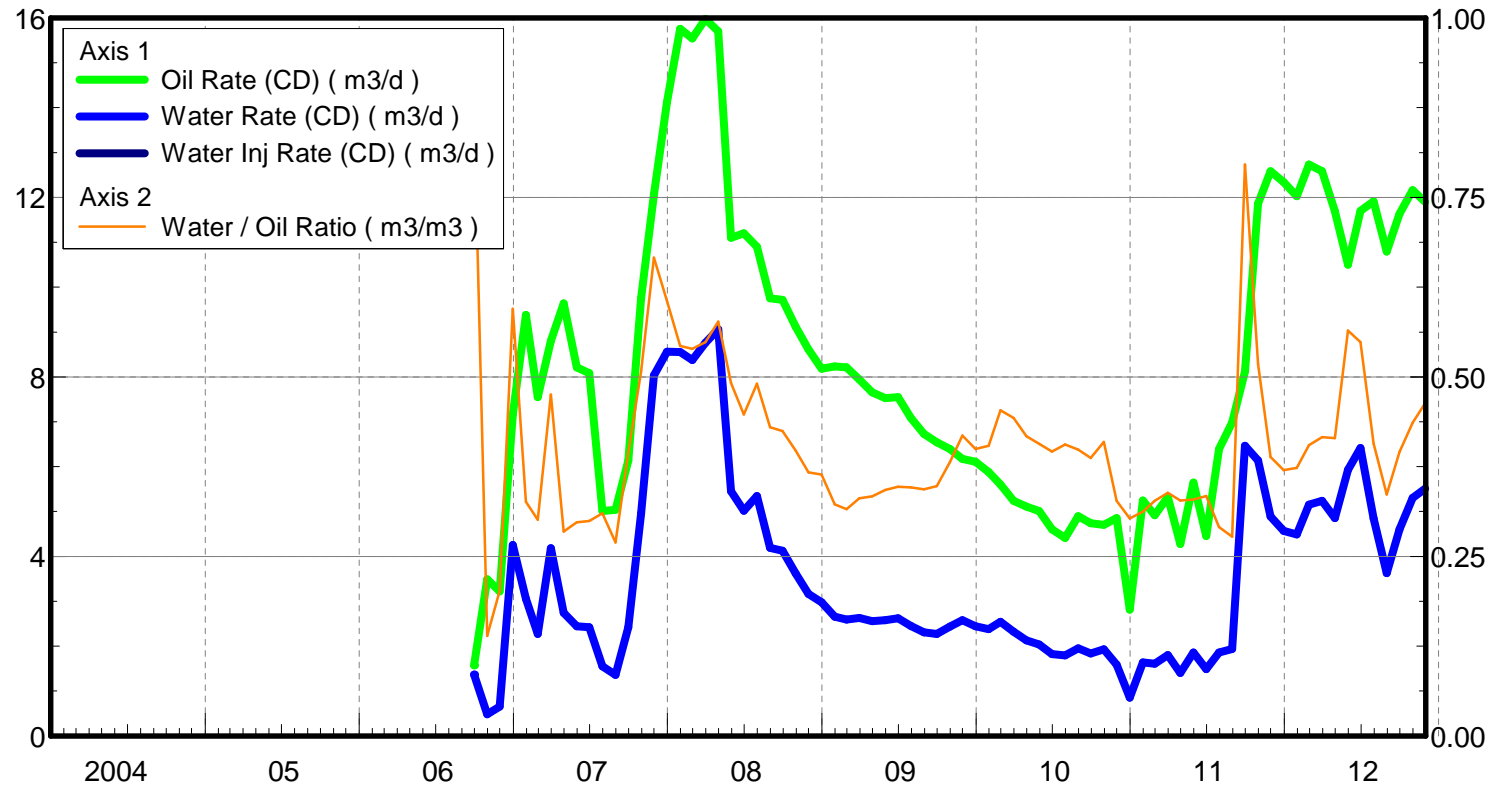
March 14, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 11.88 m3/d

Water Rate (CD) : 5.98 m3/d

Water Inj Rate (CD) : \* 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
9/30/2006	1.57	1.37	0.87		0.05	0.04	0.00	0.000	0.000
10/31/2006	3.49	0.49	0.14		0.16	0.06	0.00	0.000	0.000
11/30/2006	3.22	0.65	0.20		0.25	0.08	0.00	0.000	0.000
12/31/2006	7.16	4.26	0.59		0.47	0.21	0.00	0.000	0.000
1/31/2007	9.38	3.06	0.33		0.76	0.30	0.00	0.000	0.000
2/28/2007	7.55	2.27	0.30		0.98	0.37	0.00	0.000	0.000
3/31/2007	8.81	4.19	0.48		1.25	0.50	0.00	0.000	0.000
4/30/2007	9.64	2.74	0.28		1.54	0.58	0.00	0.000	0.000
5/31/2007	8.21	2.44	0.30		1.79	0.65	0.00	0.000	0.000
6/30/2007	8.08	2.42	0.30		2.04	0.73	0.00	0.000	0.000
7/31/2007	5.01	1.55	0.31		2.19	0.77	0.00	0.000	0.000
8/31/2007	5.04	1.36	0.27		2.35	0.82	0.00	0.000	0.000
9/30/2007	6.14	2.42	0.39		2.53	0.89	0.00	0.000	0.000
10/31/2007	9.76	4.96	0.51		2.83	1.04	0.00	0.000	0.000
11/30/2007	12.06	8.03	0.67		3.20	1.28	0.00	0.000	0.000
12/31/2007	14.13	8.56	0.61		3.63	1.55	0.00	0.000	0.000
1/31/2008	15.75	8.56	0.54		4.12	1.81	0.00	0.000	0.000
2/29/2008	15.54	8.38	0.54		4.57	2.06	0.00	0.000	0.000
3/31/2008	15.98	8.76	0.55		5.07	2.33	0.00	0.000	0.000
4/30/2008	15.70	9.06	0.58		5.54	2.60	0.00	0.000	0.000
5/31/2008	11.10	5.45	0.49		5.88	2.77	0.00	0.000	0.000
6/30/2008	11.20	5.01	0.45		6.22	2.92	0.00	0.000	0.000
7/31/2008	10.90	5.34	0.49		6.56	3.09	0.00	0.000	0.000
8/31/2008	9.75	4.19	0.43		6.86	3.22	0.00	0.000	0.000
9/30/2008	9.71	4.13	0.42		7.15	3.34	0.00	0.000	0.000
10/31/2008	9.11	3.62	0.40		7.43	3.45	0.00	0.000	0.000
11/30/2008	8.61	3.16	0.37		7.69	3.55	0.00	0.000	0.000
12/31/2008	8.19	2.98	0.36		7.95	3.64	0.00	0.000	0.000
1/31/2009	8.23	2.66	0.32		8.20	3.72	0.00	0.000	0.000
2/28/2009	8.21	2.59	0.32		8.43	3.79	0.00	0.000	0.000
3/31/2009	7.94	2.63	0.33		8.68	3.88	0.00	0.000	0.000
4/30/2009	7.66	2.56	0.33		8.91	3.95	0.00	0.000	0.000
5/31/2009	7.53	2.58	0.34		9.14	4.03	0.00	0.000	0.000
6/30/2009	7.55	2.62	0.35		9.37	4.11	0.00	0.000	0.000
7/31/2009	7.08	2.45	0.35		9.59	4.19	0.00	0.000	0.000
8/31/2009	6.73	2.31	0.34		9.79	4.26	0.00	0.000	0.000
9/30/2009	6.54	2.27	0.35		9.99	4.33	0.00	0.000	0.000
10/31/2009	6.39	2.44	0.38		10.19	4.40	0.00	0.000	0.000
11/30/2009	6.17	2.58	0.42		10.37	4.48	0.00	0.000	0.000
12/31/2009	6.11	2.44	0.40		10.56	4.56	0.00	0.000	0.000
1/31/2010	5.88	2.38	0.40		10.75	4.63	0.00	0.000	0.000
2/28/2010	5.61	2.54	0.45		10.90	4.70	0.00	0.000	0.000
3/31/2010	5.24	2.32	0.44		11.07	4.77	0.00	0.000	0.000
4/30/2010	5.11	2.13	0.42		11.22	4.84	0.00	0.000	0.000
5/31/2010	5.01	2.04	0.41		11.37	4.90	0.00	0.000	0.000
6/30/2010	4.60	1.82	0.40		11.51	4.95	0.00	0.000	0.000
7/31/2010	4.41	1.79	0.41		11.65	5.01	0.00	0.000	0.000
8/31/2010	4.90	1.95	0.40		11.80	5.07	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
9/30/2010	4.74	1.84	0.39		11.94	5.13	0.00	0.000	0.000
10/31/2010	4.71	1.93	0.41		12.09	5.19	0.00	0.000	0.000
11/30/2010	4.86	1.59	0.33		12.23	5.23	0.00	0.000	0.000
12/31/2010	2.81	0.85	0.30		12.32	5.26	0.00	0.000	0.000
1/31/2011	5.25	1.64	0.31		12.48	5.31	0.00	0.000	0.000
2/28/2011	4.92	1.61	0.33		12.62	5.36	0.00	0.000	0.000
3/31/2011	5.32	1.80	0.34		12.79	5.41	0.00	0.000	0.000
4/30/2011	4.28	1.40	0.33		12.92	5.45	0.00	0.000	0.000
5/31/2011	5.65	1.86	0.33		13.09	5.51	0.00	0.000	0.000
6/30/2011	4.45	1.49	0.33		13.22	5.56	0.00	0.000	0.000
7/31/2011	6.39	1.86	0.29		13.42	5.61	0.00	0.000	0.000
8/31/2011	6.98	1.94	0.28		13.64	5.67	0.00	0.000	0.000
9/30/2011	8.12	6.46	0.80		13.88	5.87	0.00	0.000	0.000
10/31/2011	11.86	6.14	0.52		14.25	6.06	0.00	0.000	0.000
11/30/2011	12.59	4.89	0.39		14.63	6.20	0.00	0.000	0.000
12/31/2011	12.34	4.57	0.37		15.01	6.35	0.00	0.000	0.000
1/31/2012	12.02	4.49	0.37		15.38	6.48	0.00	0.000	0.000
2/29/2012	12.73	5.16	0.40		15.75	6.63	0.00	0.000	0.000
3/31/2012	12.59	5.24	0.42		16.14	6.80	0.00	0.000	0.000
4/30/2012	11.70	4.85	0.41		16.49	6.94	0.00	0.000	0.000
5/31/2012	10.50	5.93	0.56		16.82	7.13	0.00	0.000	0.000
6/30/2012	11.70	6.42	0.55		17.17	7.32	0.00	0.000	0.000
7/31/2012	11.91	4.85	0.41		17.54	7.47	0.00	0.000	0.000
8/31/2012	10.79	3.63	0.34		17.87	7.58	0.00	0.000	0.000
9/30/2012	11.64	4.60	0.40		18.22	7.72	0.00	0.000	0.000
10/31/2012	12.16	5.30	0.44		18.60	7.88	0.00	0.000	0.000
11/30/2012	11.90	5.51	0.46		18.96	8.05	0.00	0.000	0.000
12/31/2012	11.88	5.98	0.50		19.32	8.23	0.00	0.000	0.000



# Pattern: 02/09-17-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.26 m3/m3

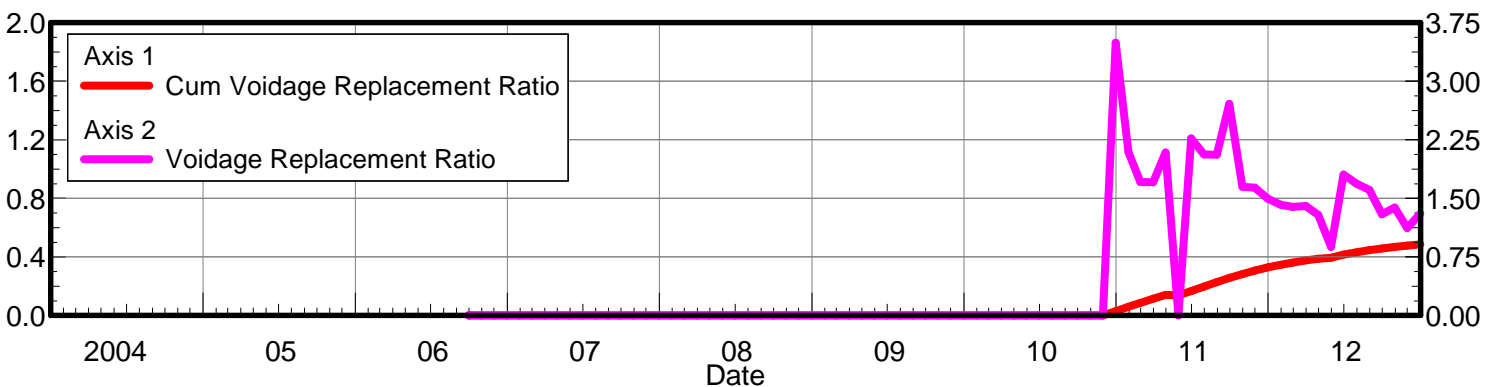
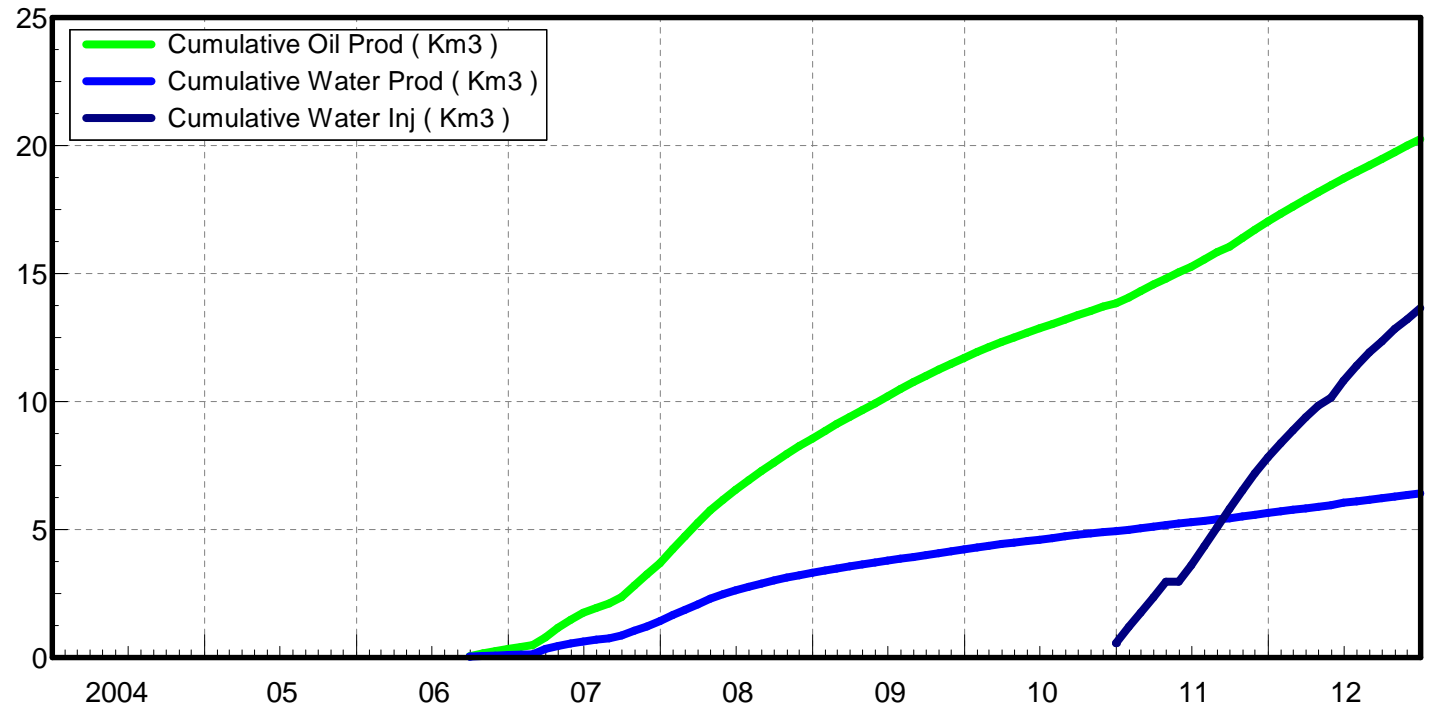
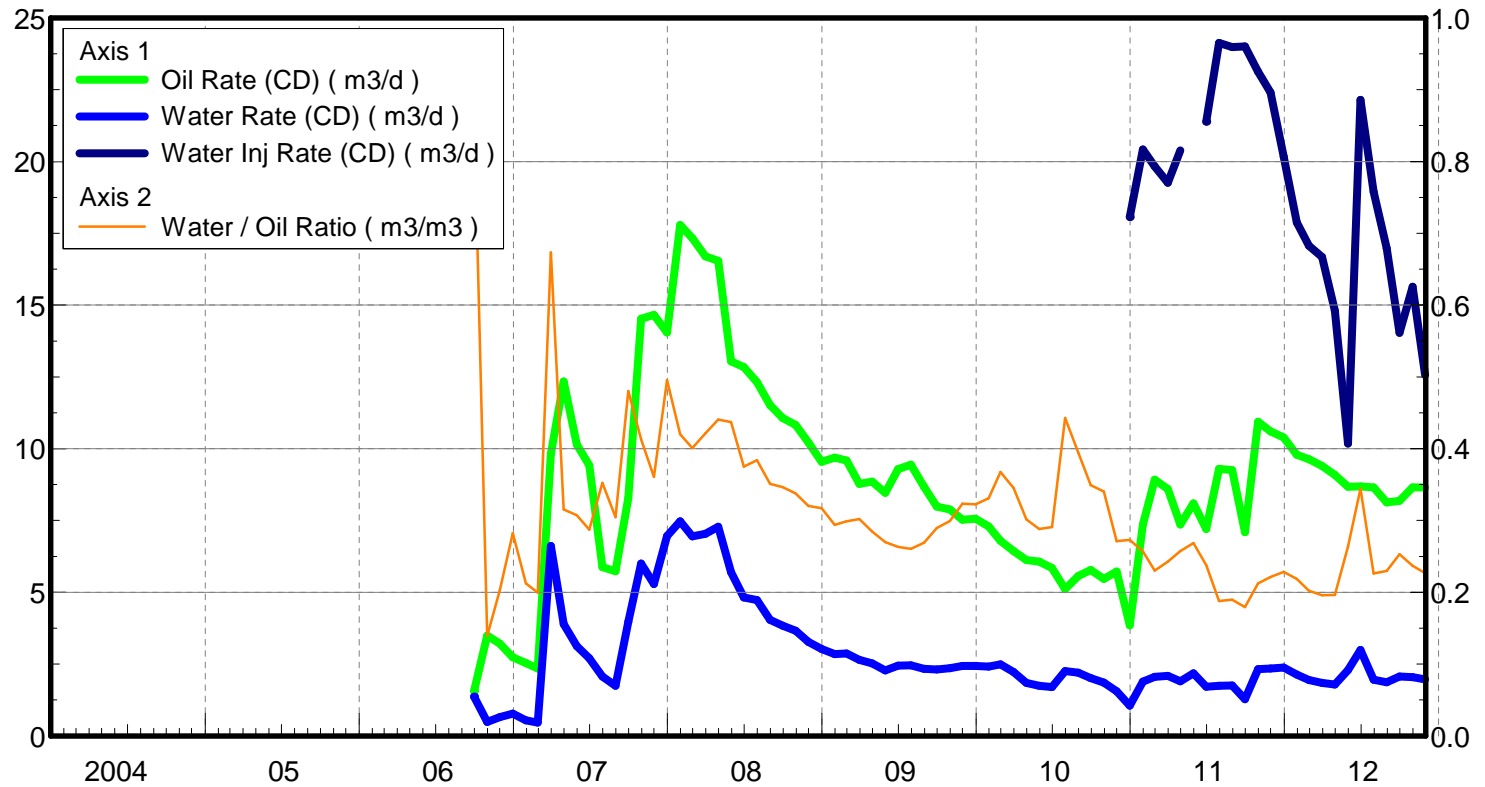
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 8.10 m3/d

Water Rate (CD) : 2.13 m3/d

Water Inj Rate (CD) : 14.10 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 Replacemnt Ratio
9/30/2006	1.57	1.37	0.87		0.05	0.04	0.00	0.000	0.000
10/31/2006	3.49	0.49	0.14		0.16	0.06	0.00	0.000	0.000
11/30/2006	3.22	0.65	0.20		0.25	0.08	0.00	0.000	0.000
12/31/2006	2.74	0.77	0.28		0.34	0.10	0.00	0.000	0.000
1/31/2007	2.53	0.54	0.21		0.42	0.12	0.00	0.000	0.000
2/28/2007	2.34	0.47	0.20		0.48	0.13	0.00	0.000	0.000
3/31/2007	9.82	6.61	0.67		0.79	0.33	0.00	0.000	0.000
4/30/2007	12.34	3.89	0.32		1.16	0.45	0.00	0.000	0.000
5/31/2007	10.15	3.12	0.31		1.47	0.55	0.00	0.000	0.000
6/30/2007	9.42	2.71	0.29		1.75	0.63	0.00	0.000	0.000
7/31/2007	5.88	2.07	0.35		1.94	0.69	0.00	0.000	0.000
8/31/2007	5.74	1.75	0.30		2.11	0.75	0.00	0.000	0.000
9/30/2007	8.29	3.98	0.48		2.36	0.87	0.00	0.000	0.000
10/31/2007	14.53	6.00	0.41		2.81	1.05	0.00	0.000	0.000
11/30/2007	14.66	5.29	0.36		3.25	1.21	0.00	0.000	0.000
12/31/2007	14.04	6.96	0.50		3.69	1.43	0.00	0.000	0.000
1/31/2008	17.79	7.48	0.42		4.24	1.66	0.00	0.000	0.000
2/29/2008	17.33	6.95	0.40		4.74	1.86	0.00	0.000	0.000
3/31/2008	16.70	7.04	0.42		5.26	2.08	0.00	0.000	0.000
4/30/2008	16.54	7.29	0.44		5.75	2.30	0.00	0.000	0.000
5/31/2008	13.05	5.70	0.44		6.16	2.47	0.00	0.000	0.000
6/30/2008	12.85	4.82	0.37		6.54	2.62	0.00	0.000	0.000
7/31/2008	12.32	4.73	0.38		6.93	2.77	0.00	0.000	0.000
8/31/2008	11.52	4.05	0.35		7.28	2.89	0.00	0.000	0.000
9/30/2008	11.07	3.84	0.35		7.62	3.01	0.00	0.000	0.000
10/31/2008	10.82	3.66	0.34		7.95	3.12	0.00	0.000	0.000
11/30/2008	10.22	3.27	0.32		8.26	3.22	0.00	0.000	0.000
12/31/2008	9.54	3.03	0.32		8.55	3.31	0.00	0.000	0.000
1/31/2009	9.69	2.85	0.29		8.85	3.40	0.00	0.000	0.000
2/28/2009	9.59	2.87	0.30		9.12	3.48	0.00	0.000	0.000
3/31/2009	8.78	2.65	0.30		9.39	3.56	0.00	0.000	0.000
4/30/2009	8.85	2.52	0.28		9.66	3.64	0.00	0.000	0.000
5/31/2009	8.46	2.28	0.27		9.92	3.71	0.00	0.000	0.000
6/30/2009	9.29	2.45	0.26		10.20	3.78	0.00	0.000	0.000
7/31/2009	9.45	2.46	0.26		10.49	3.86	0.00	0.000	0.000
8/31/2009	8.67	2.33	0.27		10.76	3.93	0.00	0.000	0.000
9/30/2009	7.99	2.31	0.29		11.00	4.00	0.00	0.000	0.000
10/31/2009	7.88	2.36	0.30		11.25	4.07	0.00	0.000	0.000
11/30/2009	7.53	2.44	0.32		11.47	4.15	0.00	0.000	0.000
12/31/2009	7.56	2.44	0.32		11.71	4.22	0.00	0.000	0.000
1/31/2010	7.29	2.41	0.33		11.93	4.30	0.00	0.000	0.000
2/28/2010	6.79	2.50	0.37		12.12	4.37	0.00	0.000	0.000
3/31/2010	6.43	2.22	0.35		12.32	4.43	0.00	0.000	0.000
4/30/2010	6.12	1.85	0.30		12.51	4.49	0.00	0.000	0.000
5/31/2010	6.07	1.75	0.29		12.69	4.54	0.00	0.000	0.000
6/30/2010	5.85	1.70	0.29		12.87	4.60	0.00	0.000	0.000
7/31/2010	5.10	2.26	0.44		13.03	4.67	0.00	0.000	0.000
8/31/2010	5.57	2.20	0.39		13.20	4.73	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
9/30/2010	5.78	2.02	0.35		13.37	4.79	0.00	0.000	0.000
10/31/2010	5.46	1.86	0.34		13.54	4.85	0.00	0.000	0.000
11/30/2010	5.72	1.55	0.27		13.71	4.90	0.00	0.000	0.000
12/31/2010	3.85	1.05	0.27	18.06	13.83	4.93	0.56	3.493	0.028
1/31/2011	7.36	1.89	0.26	20.42	14.06	4.99	1.19	2.092	0.060
2/28/2011	8.92	2.05	0.23	19.83	14.31	5.05	1.75	1.711	0.086
3/31/2011	8.60	2.09	0.24	19.26	14.58	5.11	2.35	1.707	0.113
4/30/2011	7.36	1.90	0.26	20.39	14.80	5.17	2.96	2.087	0.141
5/31/2011	8.10	2.17	0.27		15.05	5.24	2.96	0.000	0.139
6/30/2011	7.21	1.72	0.24	21.39	15.27	5.29	3.60	2.269	0.166
7/31/2011	9.29	1.75	0.19	24.13	15.55	5.34	4.35	2.065	0.198
8/31/2011	9.26	1.75	0.19	23.98	15.84	5.40	5.09	2.057	0.228
9/30/2011	7.09	1.27	0.18	24.01	16.05	5.43	5.81	2.712	0.257
10/31/2011	10.94	2.32	0.21	23.12	16.39	5.51	6.53	1.649	0.283
11/30/2011	10.60	2.34	0.22	22.40	16.71	5.58	7.20	1.637	0.307
12/31/2011	10.39	2.37	0.23	20.18	17.03	5.65	7.82	1.497	0.328
1/31/2012	9.79	2.14	0.22	17.87	17.34	5.72	8.38	1.418	0.345
2/29/2012	9.64	1.95	0.20	17.06	17.62	5.77	8.87	1.392	0.361
3/31/2012	9.40	1.84	0.20	16.67	17.91	5.83	9.39	1.401	0.376
4/30/2012	9.09	1.79	0.20	14.80	18.18	5.88	9.83	1.287	0.388
5/31/2012	8.68	2.29	0.26	10.18	18.45	5.95	10.15	0.880	0.395
6/30/2012	8.69	2.99	0.34	22.15	18.71	6.04	10.81	1.804	0.415
7/31/2012	8.65	1.96	0.23	18.95	18.98	6.11	11.40	1.690	0.432
8/31/2012	8.13	1.87	0.23	16.98	19.23	6.16	11.93	1.608	0.446
9/30/2012	8.18	2.07	0.25	14.04	19.48	6.23	12.35	1.297	0.457
10/31/2012	8.65	2.05	0.24	15.64	19.74	6.29	12.83	1.384	0.468
11/30/2012	8.66	1.96	0.23	12.56	20.00	6.35	13.21	1.119	0.476
12/31/2012	8.10	2.13	0.26	14.10	20.26	6.41	13.65	1.306	0.486

# Pattern: 02/05-18-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.62 m3/m3

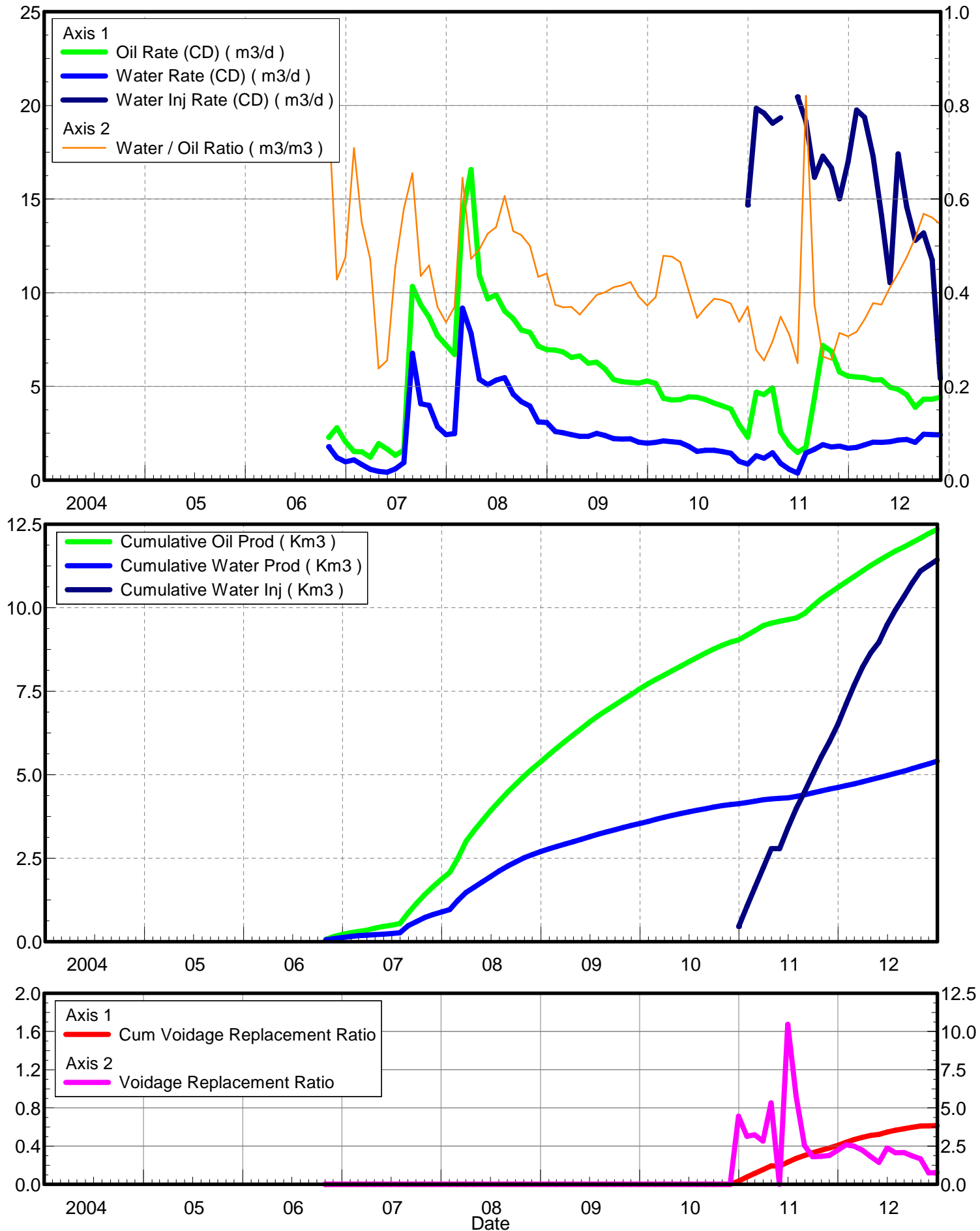
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 4.21 m3/d

Water Rate (CD) : 2.63 m3/d

Water Inj Rate (CD) : 5.48 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
10/31/2006	2.28	1.78	0.78		0.07	0.06	0.00	0.000	0.000
11/30/2006	2.79	1.19	0.43		0.15	0.09	0.00	0.000	0.000
12/31/2006	2.05	0.97	0.47		0.22	0.12	0.00	0.000	0.000
1/31/2007	1.52	1.08	0.71		0.26	0.15	0.00	0.000	0.000
2/28/2007	1.51	0.83	0.55		0.31	0.18	0.00	0.000	0.000
3/31/2007	1.22	0.57	0.47		0.34	0.20	0.00	0.000	0.000
4/30/2007	1.95	0.47	0.24		0.40	0.21	0.00	0.000	0.000
5/31/2007	1.65	0.42	0.26		0.45	0.22	0.00	0.000	0.000
6/30/2007	1.32	0.60	0.46		0.49	0.24	0.00	0.000	0.000
7/31/2007	1.60	0.93	0.58		0.54	0.27	0.00	0.000	0.000
8/31/2007	10.33	6.77	0.65		0.86	0.48	0.00	0.000	0.000
9/30/2007	9.36	4.08	0.44		1.14	0.60	0.00	0.000	0.000
10/31/2007	8.69	3.98	0.46		1.41	0.72	0.00	0.000	0.000
11/30/2007	7.72	2.85	0.37		1.65	0.81	0.00	0.000	0.000
12/31/2007	7.20	2.43	0.34		1.87	0.89	0.00	0.000	0.000
1/31/2008	6.71	2.48	0.37		2.08	0.96	0.00	0.000	0.000
2/29/2008	14.22	9.18	0.65		2.49	1.23	0.00	0.000	0.000
3/31/2008	16.58	7.83	0.47		3.00	1.47	0.00	0.000	0.000
4/30/2008	10.93	5.38	0.49		3.33	1.63	0.00	0.000	0.000
5/31/2008	9.67	5.09	0.53		3.63	1.79	0.00	0.000	0.000
6/30/2008	9.88	5.34	0.54		3.93	1.95	0.00	0.000	0.000
7/31/2008	9.02	5.47	0.61		4.21	2.12	0.00	0.000	0.000
8/31/2008	8.62	4.58	0.53		4.47	2.26	0.00	0.000	0.000
9/30/2008	8.01	4.19	0.52		4.71	2.39	0.00	0.000	0.000
10/31/2008	7.89	3.95	0.50		4.96	2.51	0.00	0.000	0.000
11/30/2008	7.15	3.10	0.43		5.17	2.60	0.00	0.000	0.000
12/31/2008	6.96	3.07	0.44		5.39	2.70	0.00	0.000	0.000
1/31/2009	6.93	2.60	0.37		5.60	2.78	0.00	0.000	0.000
2/28/2009	6.83	2.52	0.37		5.79	2.85	0.00	0.000	0.000
3/31/2009	6.55	2.42	0.37		6.00	2.92	0.00	0.000	0.000
4/30/2009	6.62	2.34	0.35		6.20	2.99	0.00	0.000	0.000
5/31/2009	6.24	2.34	0.37		6.39	3.07	0.00	0.000	0.000
6/30/2009	6.29	2.49	0.40		6.58	3.14	0.00	0.000	0.000
7/31/2009	5.93	2.38	0.40		6.76	3.22	0.00	0.000	0.000
8/31/2009	5.37	2.21	0.41		6.93	3.28	0.00	0.000	0.000
9/30/2009	5.26	2.19	0.42		7.09	3.35	0.00	0.000	0.000
10/31/2009	5.20	2.20	0.42		7.25	3.42	0.00	0.000	0.000
11/30/2009	5.17	2.03	0.39		7.40	3.48	0.00	0.000	0.000
12/31/2009	5.29	1.97	0.37		7.57	3.54	0.00	0.000	0.000
1/31/2010	5.16	2.01	0.39		7.73	3.60	0.00	0.000	0.000
2/28/2010	4.37	2.09	0.48		7.85	3.66	0.00	0.000	0.000
3/31/2010	4.28	2.04	0.48		7.98	3.72	0.00	0.000	0.000
4/30/2010	4.30	2.00	0.46		8.11	3.78	0.00	0.000	0.000
5/31/2010	4.44	1.80	0.40		8.25	3.84	0.00	0.000	0.000
6/30/2010	4.42	1.53	0.35		8.38	3.89	0.00	0.000	0.000
7/31/2010	4.30	1.59	0.37		8.51	3.94	0.00	0.000	0.000
8/31/2010	4.11	1.59	0.39		8.64	3.98	0.00	0.000	0.000
9/30/2010	3.96	1.52	0.38		8.76	4.03	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
10/31/2010	3.80	1.43	0.38		8.88	4.07	0.00	0.000	0.000
11/30/2010	2.95	1.00	0.34		8.97	4.10	0.00	0.000	0.000
12/31/2010	2.29	0.85	0.37	14.68	9.04	4.13	0.46	4.453	0.033
1/31/2011	4.68	1.30	0.28	19.84	9.18	4.17	1.07	3.146	0.076
2/28/2011	4.56	1.16	0.26	19.59	9.31	4.20	1.62	3.242	0.114
3/31/2011	4.93	1.46	0.30	19.05	9.46	4.25	2.21	2.832	0.154
4/30/2011	2.56	0.89	0.35	19.33	9.54	4.28	2.79	5.335	0.193
5/31/2011	1.86	0.58	0.31		9.60	4.29	2.79	0.000	0.192
6/30/2011	1.48	0.37	0.25	20.45	9.64	4.30	3.40	10.473	0.233
7/31/2011	1.76	1.44	0.82	19.14	9.70	4.35	4.00	5.761	0.271
8/31/2011	4.40	1.65	0.37	16.16	9.83	4.40	4.50	2.545	0.301
9/30/2011	7.18	1.89	0.26	17.28	10.05	4.46	5.02	1.805	0.330
10/31/2011	6.87	1.76	0.26	16.67	10.26	4.51	5.53	1.830	0.357
11/30/2011	5.76	1.81	0.31	15.02	10.43	4.57	5.98	1.883	0.380
12/31/2011	5.55	1.70	0.31	16.99	10.61	4.62	6.51	2.226	0.408
1/31/2012	5.50	1.74	0.32	19.75	10.78	4.67	7.12	2.592	0.440
2/29/2012	5.47	1.88	0.34	19.37	10.94	4.73	7.68	2.508	0.468
3/31/2012	5.35	2.02	0.38	17.28	11.10	4.79	8.22	2.232	0.493
4/30/2012	5.36	2.01	0.37	14.13	11.26	4.85	8.64	1.827	0.512
5/31/2012	4.96	2.04	0.41	10.54	11.42	4.91	8.97	1.435	0.524
6/30/2012	4.84	2.13	0.44	17.41	11.56	4.98	9.49	2.382	0.547
7/31/2012	4.56	2.17	0.48	14.58	11.70	5.04	9.94	2.071	0.566
8/31/2012	3.88	2.01	0.52	12.80	11.82	5.11	10.34	2.079	0.583
9/30/2012	4.31	2.45	0.57	13.19	11.95	5.18	10.74	1.867	0.598
10/31/2012	4.32	2.42	0.56	11.75	12.09	5.26	11.10	1.669	0.611
11/30/2012	4.41	2.41	0.55	5.41	12.22	5.33	11.26	0.759	0.612
12/31/2012	4.21	2.63	0.62	5.48	12.35	5.41	11.43	0.769	0.614

# Pattern: 03/05-18-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.41 m3/m3

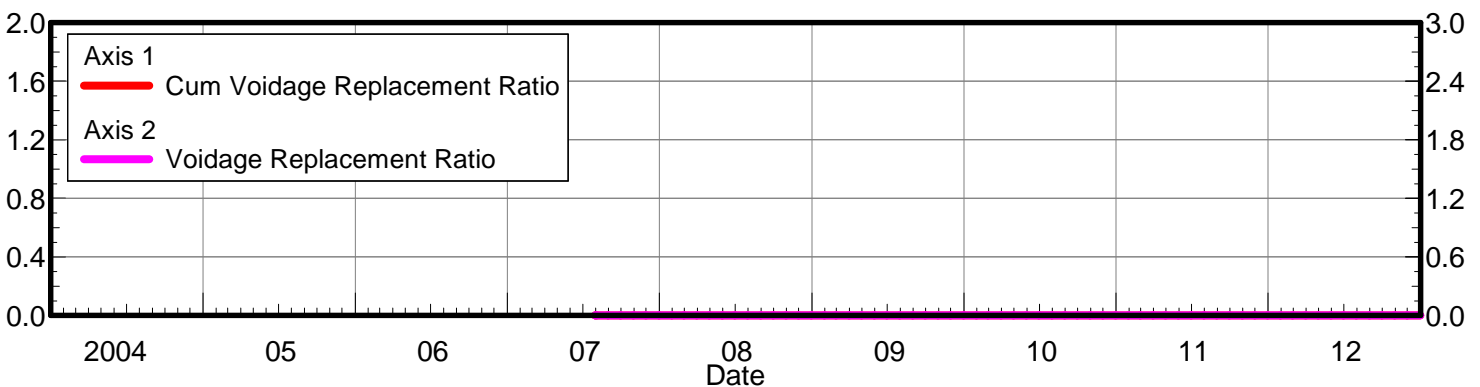
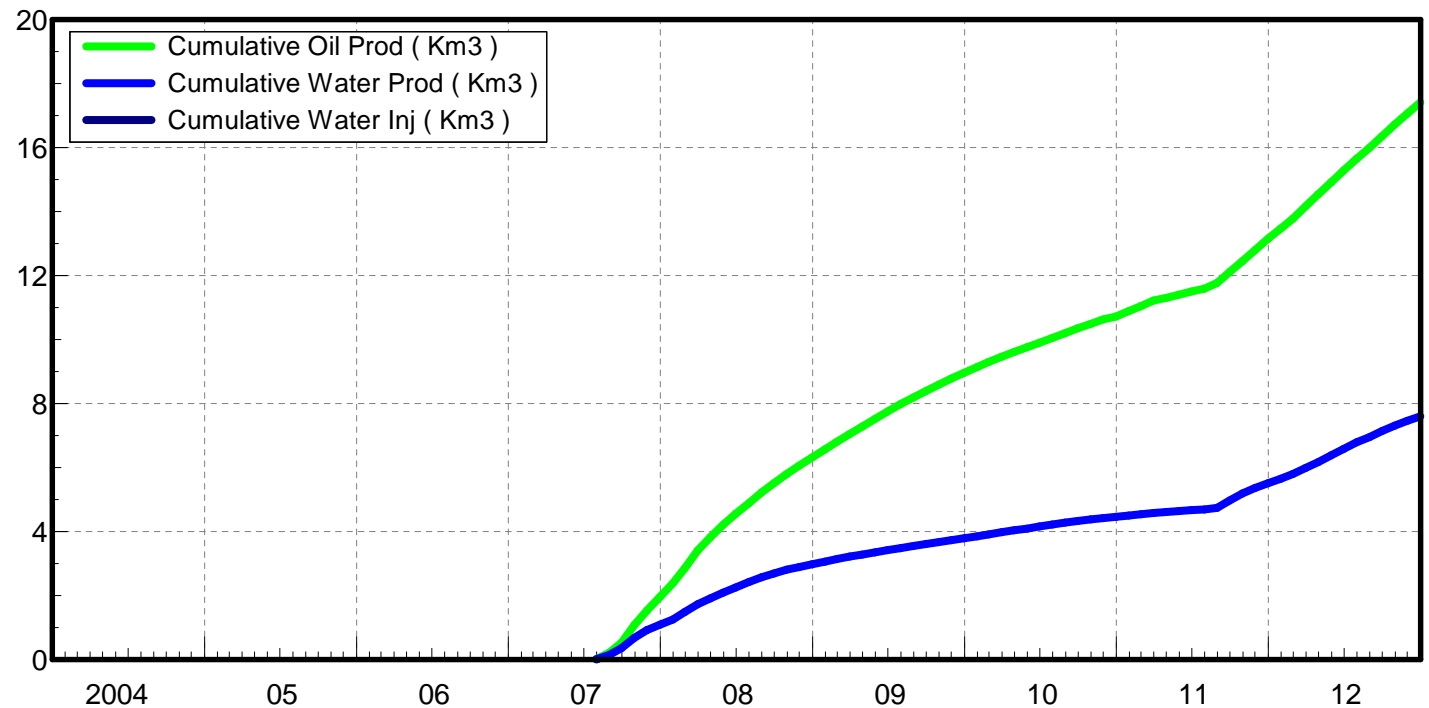
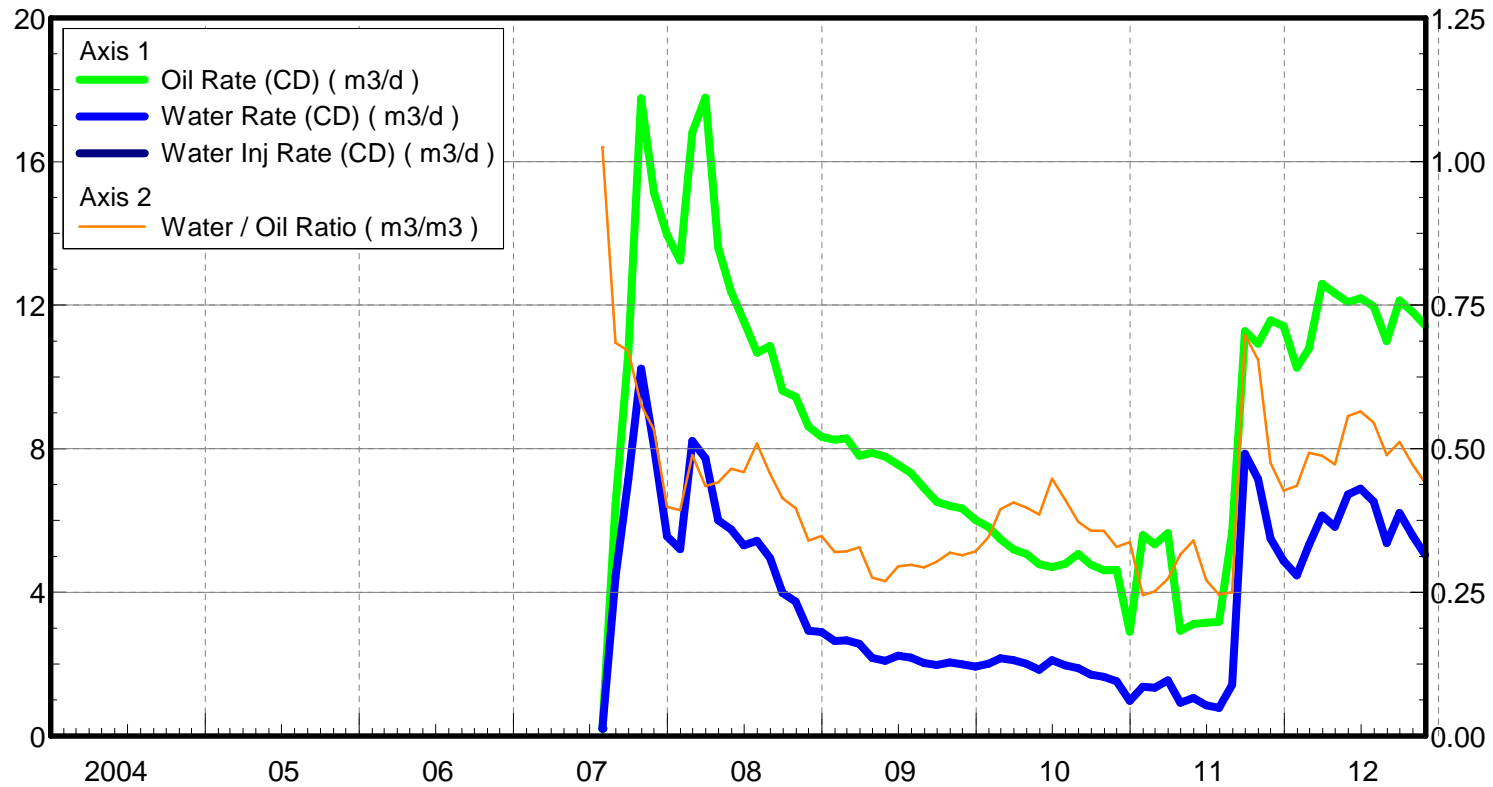
March 14, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 11.12 m3/d

Water Rate (CD) : 4.55 m3/d

Water Inj Rate (CD) : \* 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
7/31/2007	0.20	0.20	1.02		0.01	0.01	0.00	0.000	0.000
8/31/2007	6.46	4.42	0.68		0.21	0.14	0.00	0.000	0.000
9/30/2007	10.67	7.15	0.67		0.53	0.36	0.00	0.000	0.000
10/31/2007	17.76	10.23	0.58		1.08	0.67	0.00	0.000	0.000
11/30/2007	15.14	8.07	0.53		1.53	0.92	0.00	0.000	0.000
12/31/2007	13.95	5.56	0.40		1.96	1.09	0.00	0.000	0.000
1/31/2008	13.25	5.21	0.39		2.37	1.25	0.00	0.000	0.000
2/29/2008	16.81	8.22	0.49		2.86	1.49	0.00	0.000	0.000
3/31/2008	17.78	7.73	0.44		3.41	1.73	0.00	0.000	0.000
4/30/2008	13.60	6.01	0.44		3.82	1.91	0.00	0.000	0.000
5/31/2008	12.38	5.75	0.46		4.20	2.09	0.00	0.000	0.000
6/30/2008	11.56	5.31	0.46		4.55	2.25	0.00	0.000	0.000
7/31/2008	10.67	5.43	0.51		4.88	2.42	0.00	0.000	0.000
8/31/2008	10.86	4.95	0.46		5.22	2.57	0.00	0.000	0.000
9/30/2008	9.61	3.98	0.41		5.51	2.69	0.00	0.000	0.000
10/31/2008	9.44	3.74	0.40		5.80	2.80	0.00	0.000	0.000
11/30/2008	8.62	2.93	0.34		6.06	2.89	0.00	0.000	0.000
12/31/2008	8.33	2.90	0.35		6.32	2.98	0.00	0.000	0.000
1/31/2009	8.25	2.64	0.32		6.57	3.06	0.00	0.000	0.000
2/28/2009	8.29	2.66	0.32		6.80	3.14	0.00	0.000	0.000
3/31/2009	7.80	2.56	0.33		7.05	3.22	0.00	0.000	0.000
4/30/2009	7.88	2.17	0.28		7.28	3.28	0.00	0.000	0.000
5/31/2009	7.78	2.10	0.27		7.52	3.35	0.00	0.000	0.000
6/30/2009	7.55	2.23	0.30		7.75	3.41	0.00	0.000	0.000
7/31/2009	7.33	2.18	0.30		7.98	3.48	0.00	0.000	0.000
8/31/2009	6.90	2.03	0.29		8.19	3.55	0.00	0.000	0.000
9/30/2009	6.52	1.98	0.30		8.39	3.60	0.00	0.000	0.000
10/31/2009	6.41	2.05	0.32		8.59	3.67	0.00	0.000	0.000
11/30/2009	6.33	1.99	0.31		8.78	3.73	0.00	0.000	0.000
12/31/2009	6.01	1.93	0.32		8.96	3.79	0.00	0.000	0.000
1/31/2010	5.82	2.01	0.35		9.14	3.85	0.00	0.000	0.000
2/28/2010	5.48	2.16	0.39		9.30	3.91	0.00	0.000	0.000
3/31/2010	5.20	2.11	0.41		9.46	3.98	0.00	0.000	0.000
4/30/2010	5.07	2.02	0.40		9.61	4.04	0.00	0.000	0.000
5/31/2010	4.78	1.84	0.39		9.76	4.09	0.00	0.000	0.000
6/30/2010	4.71	2.11	0.45		9.90	4.16	0.00	0.000	0.000
7/31/2010	4.79	1.97	0.41		10.05	4.22	0.00	0.000	0.000
8/31/2010	5.07	1.89	0.37		10.20	4.28	0.00	0.000	0.000
9/30/2010	4.77	1.71	0.36		10.35	4.33	0.00	0.000	0.000
10/31/2010	4.61	1.65	0.36		10.49	4.38	0.00	0.000	0.000
11/30/2010	4.62	1.52	0.33		10.63	4.42	0.00	0.000	0.000
12/31/2010	2.91	0.98	0.34		10.72	4.45	0.00	0.000	0.000
1/31/2011	5.60	1.37	0.24		10.89	4.50	0.00	0.000	0.000
2/28/2011	5.33	1.34	0.25		11.04	4.53	0.00	0.000	0.000
3/31/2011	5.65	1.55	0.27		11.22	4.58	0.00	0.000	0.000
4/30/2011	2.92	0.92	0.32		11.31	4.61	0.00	0.000	0.000
5/31/2011	3.12	1.06	0.34		11.40	4.64	0.00	0.000	0.000
6/30/2011	3.15	0.85	0.27		11.50	4.67	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
7/31/2011	3.18	0.78	0.25		11.60	4.69	0.00	0.000	0.000
8/31/2011	5.68	1.42	0.25		11.77	4.74	0.00	0.000	0.000
9/30/2011	11.27	7.86	0.70		12.11	4.97	0.00	0.000	0.000
10/31/2011	10.92	7.15	0.65		12.45	5.19	0.00	0.000	0.000
11/30/2011	11.58	5.50	0.47		12.80	5.36	0.00	0.000	0.000
12/31/2011	11.41	4.88	0.43		13.15	5.51	0.00	0.000	0.000
1/31/2012	10.26	4.47	0.44		13.47	5.65	0.00	0.000	0.000
2/29/2012	10.79	5.32	0.49		13.78	5.80	0.00	0.000	0.000
3/31/2012	12.59	6.14	0.49		14.17	5.99	0.00	0.000	0.000
4/30/2012	12.33	5.83	0.47		14.54	6.17	0.00	0.000	0.000
5/31/2012	12.08	6.73	0.56		14.91	6.38	0.00	0.000	0.000
6/30/2012	12.19	6.88	0.56		15.28	6.58	0.00	0.000	0.000
7/31/2012	11.96	6.53	0.55		15.65	6.79	0.00	0.000	0.000
8/31/2012	10.99	5.37	0.49		15.99	6.95	0.00	0.000	0.000
9/30/2012	12.13	6.21	0.51		16.36	7.14	0.00	0.000	0.000
10/31/2012	11.80	5.57	0.47		16.72	7.31	0.00	0.000	0.000
11/30/2012	11.44	5.04	0.44		17.06	7.46	0.00	0.000	0.000
12/31/2012	11.12	4.55	0.41		17.41	7.60	0.00	0.000	0.000

# Pattern: 02/12-18-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.21 m3/m3

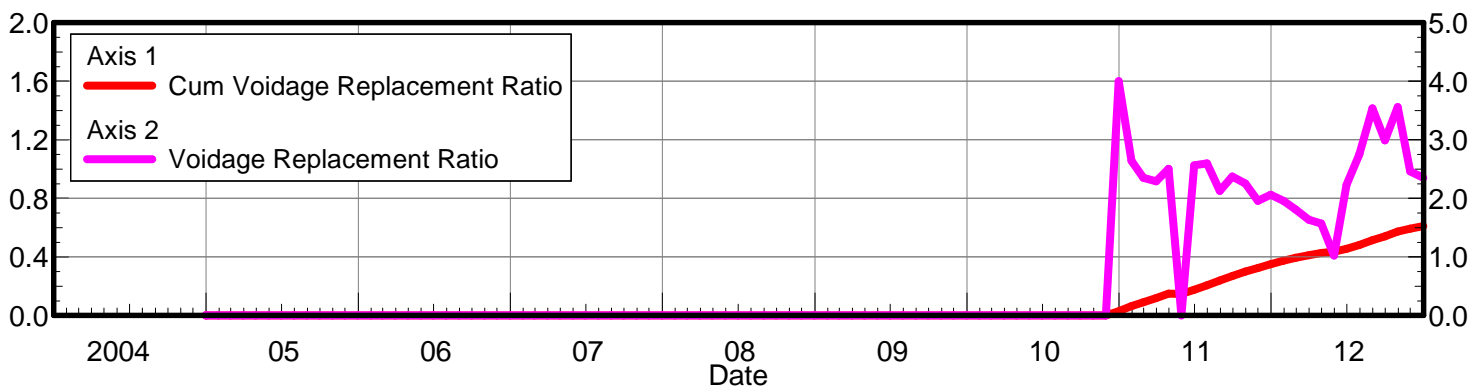
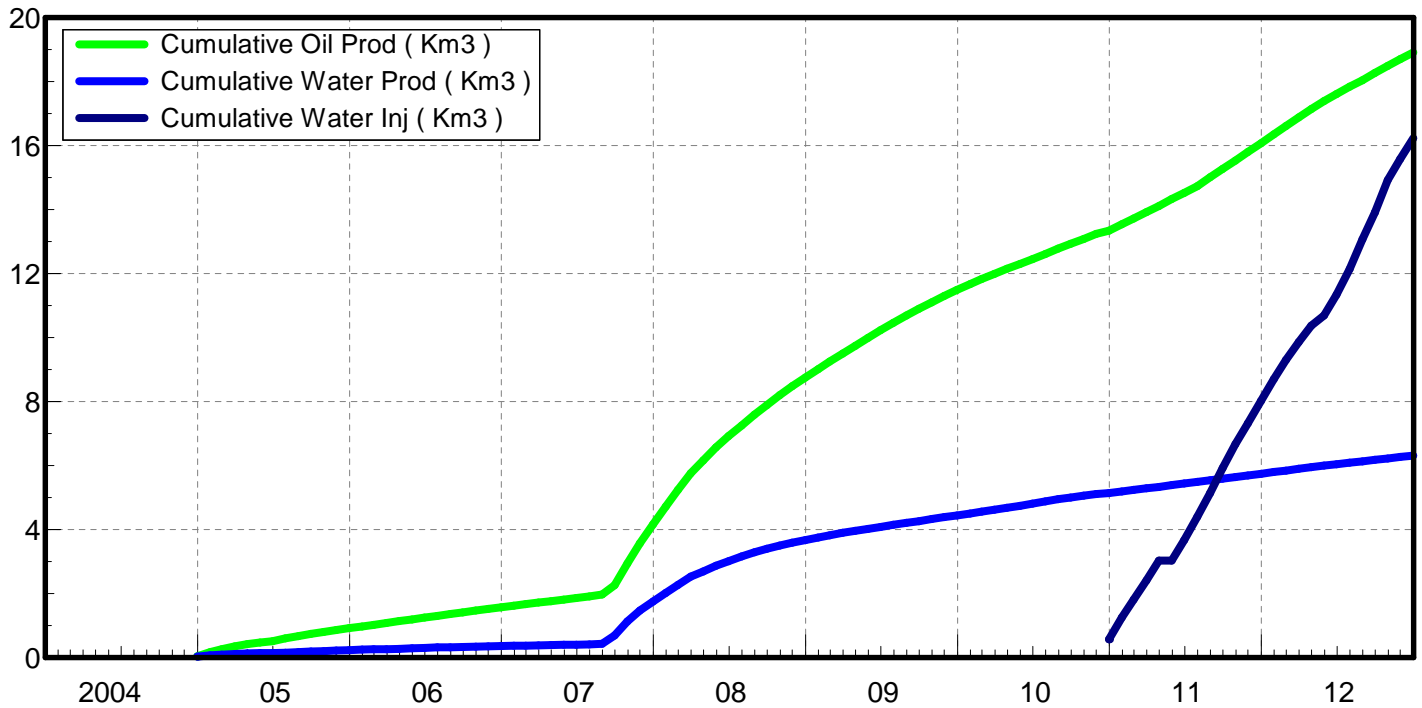
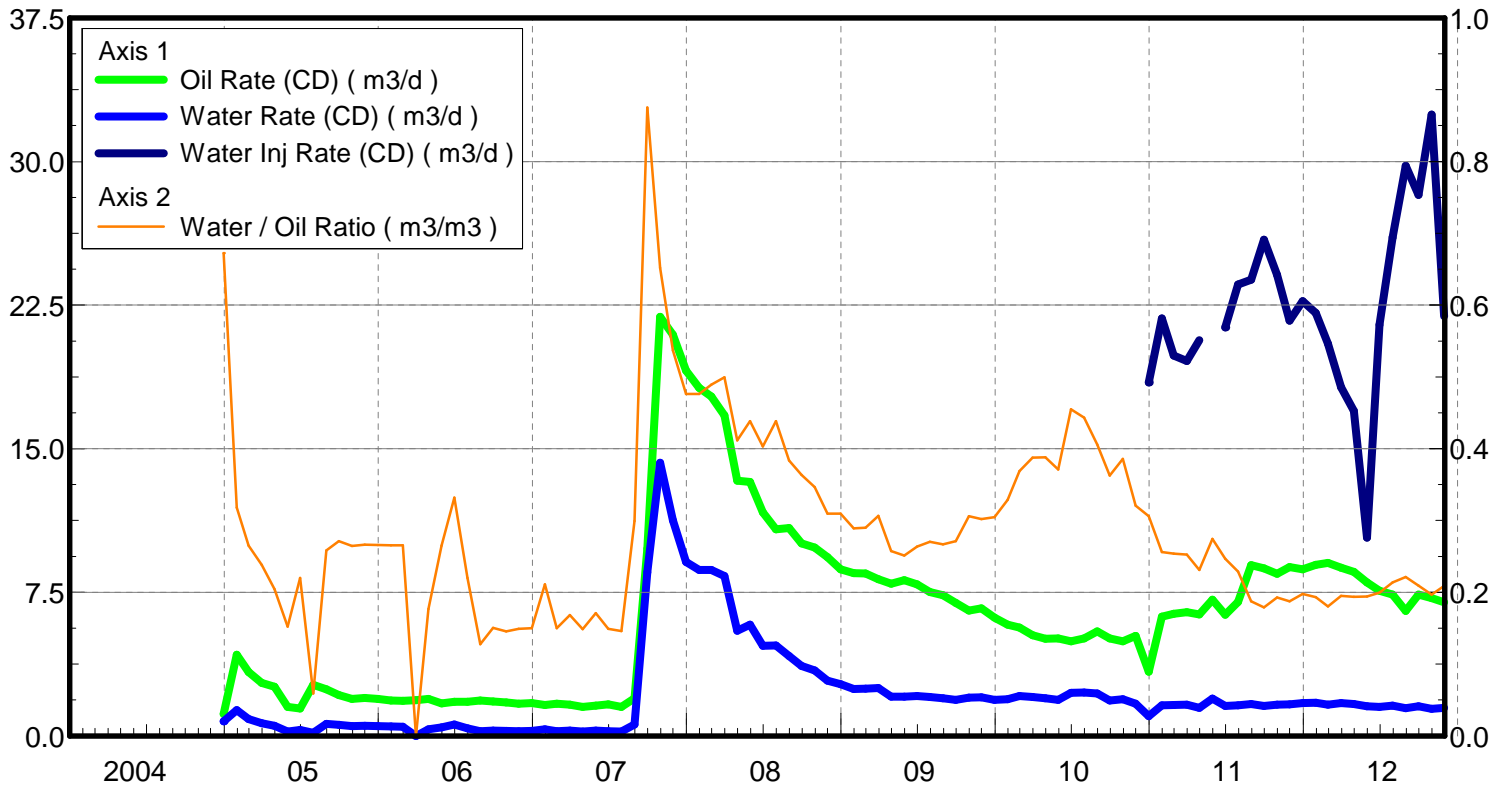
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 7.01 m3/d

Water Rate (CD) : 1.45 m3/d

Water Inj Rate (CD) : 21.03 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
12/31/2004	1.14	0.77	0.67		0.04	0.02	0.00	0.000	0.000
1/31/2005	4.23	1.35	0.32		0.17	0.07	0.00	0.000	0.000
2/28/2005	3.34	0.88	0.26		0.26	0.09	0.00	0.000	0.000
3/31/2005	2.77	0.66	0.24		0.35	0.11	0.00	0.000	0.000
4/30/2005	2.58	0.53	0.20		0.42	0.13	0.00	0.000	0.000
5/31/2005	1.51	0.23	0.15		0.47	0.13	0.00	0.000	0.000
6/30/2005	1.43	0.31	0.22		0.51	0.14	0.00	0.000	0.000
7/31/2005	2.67	0.16	0.06		0.60	0.15	0.00	0.000	0.000
8/31/2005	2.44	0.63	0.26		0.67	0.17	0.00	0.000	0.000
9/30/2005	2.13	0.58	0.27		0.74	0.18	0.00	0.000	0.000
10/31/2005	1.94	0.51	0.26		0.80	0.20	0.00	0.000	0.000
11/30/2005	1.98	0.53	0.27		0.85	0.22	0.00	0.000	0.000
12/31/2005	1.93	0.51	0.27		0.91	0.23	0.00	0.000	0.000
1/31/2006	1.85	0.49	0.27		0.97	0.25	0.00	0.000	0.000
2/28/2006	1.83	0.49	0.27		1.02	0.26	0.00	0.000	0.000
3/31/2006	1.87	0.00	0.00		1.08	0.26	0.00	0.000	0.000
4/30/2006	1.93	0.34	0.18		1.14	0.27	0.00	0.000	0.000
5/31/2006	1.70	0.45	0.26		1.19	0.29	0.00	0.000	0.000
6/30/2006	1.77	0.59	0.33		1.25	0.30	0.00	0.000	0.000
7/31/2006	1.78	0.39	0.22		1.30	0.32	0.00	0.000	0.000
8/31/2006	1.85	0.24	0.13		1.36	0.32	0.00	0.000	0.000
9/30/2006	1.80	0.27	0.15		1.41	0.33	0.00	0.000	0.000
10/31/2006	1.75	0.25	0.15		1.47	0.34	0.00	0.000	0.000
11/30/2006	1.69	0.25	0.15		1.52	0.35	0.00	0.000	0.000
12/31/2006	1.71	0.26	0.15		1.57	0.35	0.00	0.000	0.000
1/31/2007	1.62	0.34	0.21		1.62	0.36	0.00	0.000	0.000
2/28/2007	1.68	0.25	0.15		1.67	0.37	0.00	0.000	0.000
3/31/2007	1.63	0.27	0.17		1.72	0.38	0.00	0.000	0.000
4/30/2007	1.51	0.23	0.15		1.76	0.39	0.00	0.000	0.000
5/31/2007	1.59	0.27	0.17		1.81	0.40	0.00	0.000	0.000
6/30/2007	1.66	0.25	0.15		1.86	0.40	0.00	0.000	0.000
7/31/2007	1.51	0.22	0.15		1.91	0.41	0.00	0.000	0.000
8/31/2007	1.96	0.59	0.30		1.97	0.43	0.00	0.000	0.000
9/30/2007	9.76	8.54	0.88		2.26	0.68	0.00	0.000	0.000
10/31/2007	21.90	14.27	0.65		2.94	1.13	0.00	0.000	0.000
11/30/2007	20.95	11.25	0.54		3.57	1.46	0.00	0.000	0.000
12/31/2007	19.09	9.09	0.48		4.16	1.75	0.00	0.000	0.000
1/31/2008	18.18	8.66	0.48		4.72	2.01	0.00	0.000	0.000
2/29/2008	17.73	8.67	0.49		5.24	2.27	0.00	0.000	0.000
3/31/2008	16.73	8.36	0.50		5.76	2.52	0.00	0.000	0.000
4/30/2008	13.32	5.49	0.41		6.16	2.69	0.00	0.000	0.000
5/31/2008	13.26	5.81	0.44		6.57	2.87	0.00	0.000	0.000
6/30/2008	11.67	4.70	0.40		6.92	3.01	0.00	0.000	0.000
7/31/2008	10.79	4.73	0.44		7.25	3.16	0.00	0.000	0.000
8/31/2008	10.86	4.17	0.38		7.59	3.29	0.00	0.000	0.000
9/30/2008	10.05	3.65	0.36		7.89	3.40	0.00	0.000	0.000
10/31/2008	9.84	3.41	0.35		8.20	3.50	0.00	0.000	0.000
11/30/2008	9.34	2.89	0.31		8.48	3.59	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
12/31/2008	8.70	2.70	0.31		8.75	3.67	0.00	0.000	0.000
1/31/2009	8.50	2.46	0.29		9.01	3.75	0.00	0.000	0.000
2/28/2009	8.48	2.46	0.29		9.25	3.82	0.00	0.000	0.000
3/31/2009	8.18	2.51	0.31		9.50	3.90	0.00	0.000	0.000
4/30/2009	7.95	2.04	0.26		9.74	3.96	0.00	0.000	0.000
5/31/2009	8.13	2.04	0.25		9.99	4.02	0.00	0.000	0.000
6/30/2009	7.92	2.09	0.26		10.23	4.08	0.00	0.000	0.000
7/31/2009	7.52	2.03	0.27		10.46	4.15	0.00	0.000	0.000
8/31/2009	7.35	1.96	0.27		10.69	4.21	0.00	0.000	0.000
9/30/2009	6.95	1.89	0.27		10.90	4.26	0.00	0.000	0.000
10/31/2009	6.54	2.00	0.31		11.10	4.32	0.00	0.000	0.000
11/30/2009	6.67	2.01	0.30		11.30	4.39	0.00	0.000	0.000
12/31/2009	6.18	1.88	0.30		11.49	4.44	0.00	0.000	0.000
1/31/2010	5.82	1.91	0.33		11.67	4.50	0.00	0.000	0.000
2/28/2010	5.66	2.09	0.37		11.83	4.56	0.00	0.000	0.000
3/31/2010	5.25	2.04	0.39		11.99	4.62	0.00	0.000	0.000
4/30/2010	5.07	1.97	0.39		12.15	4.68	0.00	0.000	0.000
5/31/2010	5.09	1.89	0.37		12.30	4.74	0.00	0.000	0.000
6/30/2010	4.94	2.25	0.45		12.45	4.81	0.00	0.000	0.000
7/31/2010	5.10	2.26	0.44		12.61	4.88	0.00	0.000	0.000
8/31/2010	5.45	2.21	0.41		12.78	4.95	0.00	0.000	0.000
9/30/2010	5.08	1.84	0.36		12.93	5.00	0.00	0.000	0.000
10/31/2010	4.95	1.91	0.39		13.09	5.06	0.00	0.000	0.000
11/30/2010	5.22	1.67	0.32		13.24	5.11	0.00	0.000	0.000
12/31/2010	3.35	1.03	0.31	18.46	13.35	5.14	0.57	4.004	0.029
1/31/2011	6.23	1.60	0.26	21.81	13.54	5.19	1.25	2.641	0.063
2/28/2011	6.38	1.62	0.25	19.87	13.72	5.24	1.80	2.353	0.091
3/31/2011	6.47	1.63	0.25	19.58	13.92	5.29	2.41	2.290	0.120
4/30/2011	6.35	1.47	0.23	20.67	14.11	5.33	3.03	2.504	0.148
5/31/2011	7.11	1.95	0.27		14.33	5.39	3.03	0.000	0.146
6/30/2011	6.32	1.56	0.25	21.33	14.52	5.44	3.67	2.563	0.175
7/31/2011	7.00	1.60	0.23	23.58	14.74	5.49	4.40	2.596	0.207
8/31/2011	8.92	1.67	0.19	23.83	15.01	5.54	5.14	2.125	0.238
9/30/2011	8.75	1.57	0.18	25.92	15.27	5.59	5.92	2.372	0.270
10/31/2011	8.47	1.63	0.19	24.08	15.54	5.64	6.67	2.253	0.300
11/30/2011	8.82	1.65	0.19	21.68	15.80	5.69	7.32	1.957	0.324
12/31/2011	8.70	1.72	0.20	22.70	16.07	5.74	8.02	2.061	0.350
1/31/2012	8.93	1.72	0.19	22.09	16.35	5.80	8.70	1.959	0.374
2/29/2012	9.04	1.63	0.18	20.48	16.61	5.84	9.30	1.812	0.394
3/31/2012	8.79	1.72	0.20	18.21	16.88	5.90	9.86	1.638	0.412
4/30/2012	8.56	1.66	0.19	16.97	17.14	5.95	10.37	1.569	0.427
5/31/2012	8.01	1.55	0.19	10.36	17.39	6.00	10.69	1.023	0.435
6/30/2012	7.58	1.51	0.20	21.46	17.62	6.04	11.34	2.232	0.456
7/31/2012	7.38	1.58	0.21	26.03	17.84	6.09	12.14	2.750	0.482
8/31/2012	6.53	1.44	0.22	29.77	18.05	6.13	13.07	3.535	0.514
9/30/2012	7.39	1.55	0.21	28.26	18.27	6.18	13.91	2.991	0.541
10/31/2012	7.20	1.42	0.20	32.45	18.49	6.22	14.92	3.560	0.574
11/30/2012	6.98	1.46	0.21	21.93	18.70	6.27	15.58	2.458	0.593

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
12/31/2012	7.01	1.45	0.21	21.03	18.92	6.31	16.23	2.351	0.611

# Pattern: 02/04-19-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.23 m3/m3

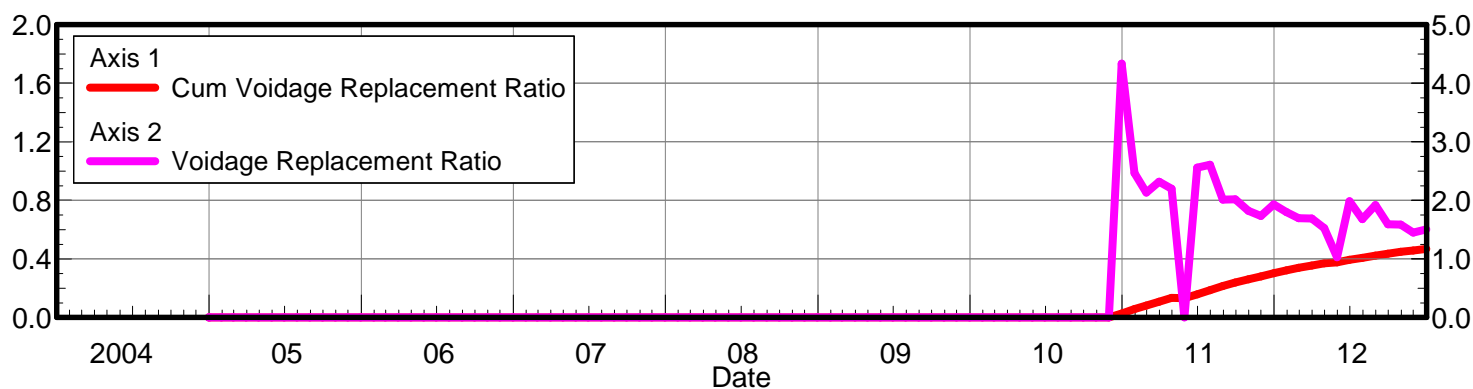
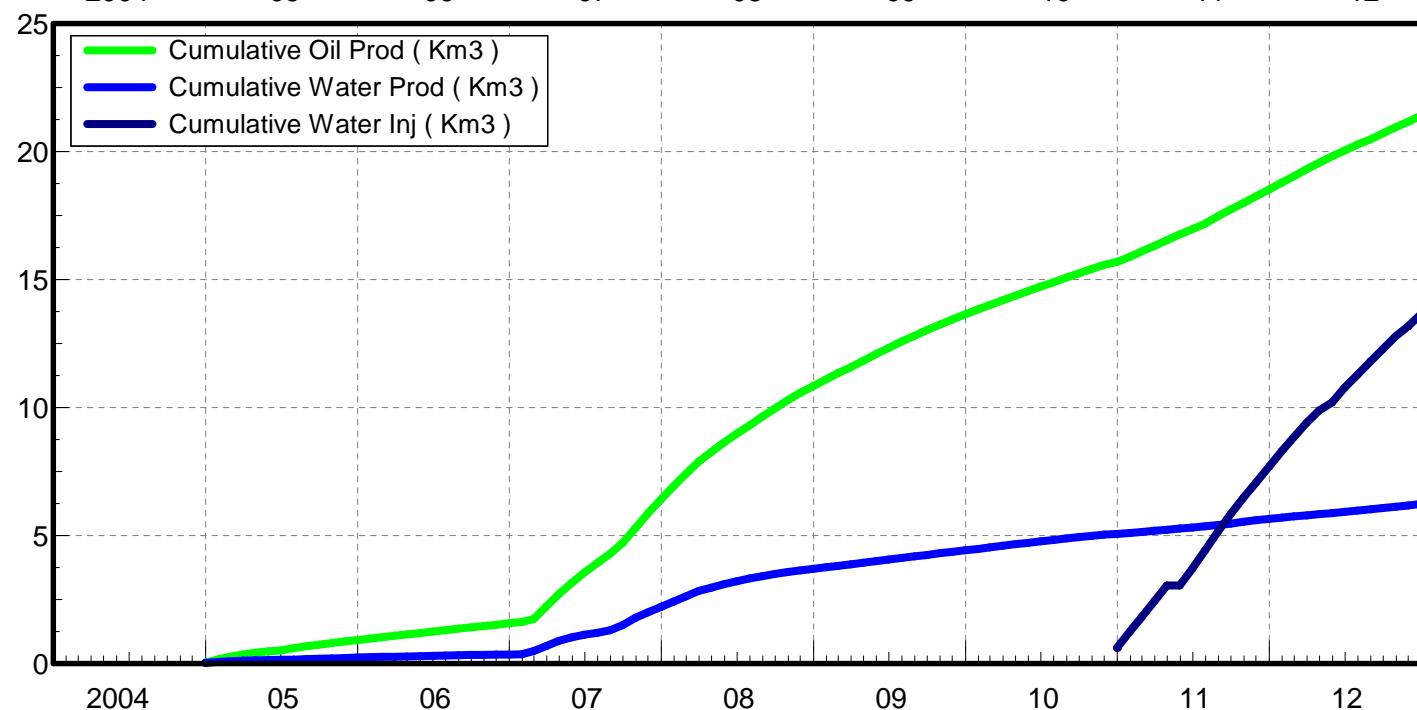
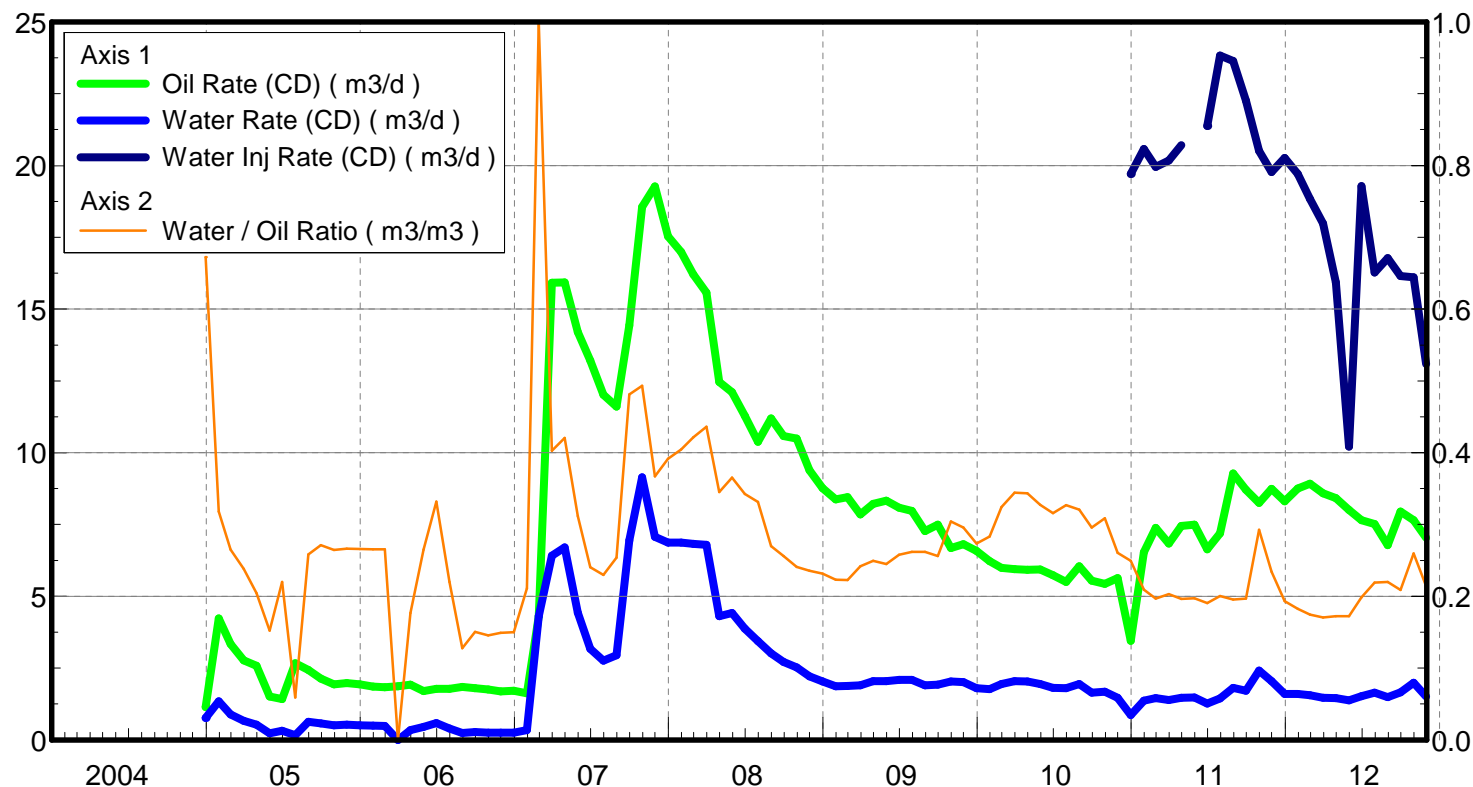
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 8.00 m3/d

Water Rate (CD) : 1.85 m3/d

Water Inj Rate (CD) : 15.65 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 Replacemnt Ratio
12/31/2004	1.14	0.77	0.67		0.04	0.02	0.00	0.000	0.000
1/31/2005	4.23	1.35	0.32		0.17	0.07	0.00	0.000	0.000
2/28/2005	3.34	0.88	0.26		0.26	0.09	0.00	0.000	0.000
3/31/2005	2.77	0.66	0.24		0.35	0.11	0.00	0.000	0.000
4/30/2005	2.58	0.53	0.20		0.42	0.13	0.00	0.000	0.000
5/31/2005	1.51	0.23	0.15		0.47	0.13	0.00	0.000	0.000
6/30/2005	1.43	0.31	0.22		0.51	0.14	0.00	0.000	0.000
7/31/2005	2.67	0.16	0.06		0.60	0.15	0.00	0.000	0.000
8/31/2005	2.44	0.63	0.26		0.67	0.17	0.00	0.000	0.000
9/30/2005	2.13	0.58	0.27		0.74	0.18	0.00	0.000	0.000
10/31/2005	1.94	0.51	0.26		0.80	0.20	0.00	0.000	0.000
11/30/2005	1.98	0.53	0.27		0.85	0.22	0.00	0.000	0.000
12/31/2005	1.93	0.51	0.27		0.91	0.23	0.00	0.000	0.000
1/31/2006	1.85	0.49	0.27		0.97	0.25	0.00	0.000	0.000
2/28/2006	1.83	0.49	0.27		1.02	0.26	0.00	0.000	0.000
3/31/2006	1.87	0.00	0.00		1.08	0.26	0.00	0.000	0.000
4/30/2006	1.93	0.34	0.18		1.14	0.27	0.00	0.000	0.000
5/31/2006	1.70	0.45	0.26		1.19	0.29	0.00	0.000	0.000
6/30/2006	1.77	0.59	0.33		1.25	0.30	0.00	0.000	0.000
7/31/2006	1.78	0.39	0.22		1.30	0.32	0.00	0.000	0.000
8/31/2006	1.85	0.24	0.13		1.36	0.32	0.00	0.000	0.000
9/30/2006	1.80	0.27	0.15		1.41	0.33	0.00	0.000	0.000
10/31/2006	1.75	0.25	0.15		1.47	0.34	0.00	0.000	0.000
11/30/2006	1.69	0.25	0.15		1.52	0.35	0.00	0.000	0.000
12/31/2006	1.71	0.26	0.15		1.57	0.35	0.00	0.000	0.000
1/31/2007	1.62	0.34	0.21		1.62	0.36	0.00	0.000	0.000
2/28/2007	4.31	4.31	1.00		1.74	0.49	0.00	0.000	0.000
3/31/2007	15.92	6.41	0.40		2.23	0.68	0.00	0.000	0.000
4/30/2007	15.93	6.70	0.42		2.71	0.89	0.00	0.000	0.000
5/31/2007	14.21	4.43	0.31		3.15	1.02	0.00	0.000	0.000
6/30/2007	13.21	3.17	0.24		3.55	1.12	0.00	0.000	0.000
7/31/2007	12.02	2.76	0.23		3.92	1.20	0.00	0.000	0.000
8/31/2007	11.61	2.95	0.25		4.28	1.29	0.00	0.000	0.000
9/30/2007	14.44	6.95	0.48		4.71	1.50	0.00	0.000	0.000
10/31/2007	18.55	9.15	0.49		5.29	1.79	0.00	0.000	0.000
11/30/2007	19.27	7.07	0.37		5.87	2.00	0.00	0.000	0.000
12/31/2007	17.54	6.87	0.39		6.41	2.21	0.00	0.000	0.000
1/31/2008	16.99	6.87	0.40		6.94	2.42	0.00	0.000	0.000
2/29/2008	16.20	6.83	0.42		7.41	2.62	0.00	0.000	0.000
3/31/2008	15.57	6.79	0.44		7.89	2.83	0.00	0.000	0.000
4/30/2008	12.46	4.30	0.35		8.26	2.96	0.00	0.000	0.000
5/31/2008	12.10	4.42	0.37		8.64	3.10	0.00	0.000	0.000
6/30/2008	11.29	3.87	0.34		8.98	3.22	0.00	0.000	0.000
7/31/2008	10.38	3.44	0.33		9.30	3.32	0.00	0.000	0.000
8/31/2008	11.19	3.02	0.27		9.65	3.42	0.00	0.000	0.000
9/30/2008	10.58	2.71	0.26		9.96	3.50	0.00	0.000	0.000
10/31/2008	10.49	2.53	0.24		10.29	3.58	0.00	0.000	0.000
11/30/2008	9.39	2.21	0.24		10.57	3.64	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
12/31/2008	8.76	2.03	0.23		10.84	3.70	0.00	0.000	0.000
1/31/2009	8.38	1.87	0.22		11.10	3.76	0.00	0.000	0.000
2/28/2009	8.46	1.88	0.22		11.34	3.82	0.00	0.000	0.000
3/31/2009	7.85	1.90	0.24		11.58	3.87	0.00	0.000	0.000
4/30/2009	8.22	2.05	0.25		11.83	3.94	0.00	0.000	0.000
5/31/2009	8.34	2.04	0.25		12.09	4.00	0.00	0.000	0.000
6/30/2009	8.08	2.09	0.26		12.33	4.06	0.00	0.000	0.000
7/31/2009	7.97	2.09	0.26		12.58	4.13	0.00	0.000	0.000
8/31/2009	7.27	1.90	0.26		12.80	4.19	0.00	0.000	0.000
9/30/2009	7.50	1.92	0.26		13.03	4.24	0.00	0.000	0.000
10/31/2009	6.68	2.03	0.30		13.23	4.31	0.00	0.000	0.000
11/30/2009	6.82	2.02	0.30		13.44	4.37	0.00	0.000	0.000
12/31/2009	6.58	1.80	0.27		13.64	4.42	0.00	0.000	0.000
1/31/2010	6.23	1.76	0.28		13.84	4.48	0.00	0.000	0.000
2/28/2010	5.99	1.94	0.32		14.00	4.53	0.00	0.000	0.000
3/31/2010	5.95	2.05	0.34		14.19	4.59	0.00	0.000	0.000
4/30/2010	5.92	2.03	0.34		14.37	4.66	0.00	0.000	0.000
5/31/2010	5.93	1.94	0.33		14.55	4.72	0.00	0.000	0.000
6/30/2010	5.73	1.81	0.32		14.72	4.77	0.00	0.000	0.000
7/31/2010	5.50	1.80	0.33		14.89	4.83	0.00	0.000	0.000
8/31/2010	6.05	1.94	0.32		15.08	4.89	0.00	0.000	0.000
9/30/2010	5.54	1.64	0.30		15.25	4.94	0.00	0.000	0.000
10/31/2010	5.44	1.68	0.31		15.41	4.99	0.00	0.000	0.000
11/30/2010	5.63	1.47	0.26		15.58	5.03	0.00	0.000	0.000
12/31/2010	3.45	0.86	0.25	19.71	15.69	5.06	0.61	4.334	0.028
1/31/2011	6.53	1.37	0.21	20.58	15.89	5.10	1.25	2.464	0.057
2/28/2011	7.38	1.45	0.20	19.95	16.10	5.14	1.81	2.133	0.081
3/31/2011	6.83	1.39	0.20	20.18	16.31	5.18	2.43	2.321	0.108
4/30/2011	7.45	1.46	0.20	20.71	16.53	5.23	3.05	2.197	0.133
5/31/2011	7.50	1.48	0.20		16.77	5.27	3.05	0.000	0.132
6/30/2011	6.63	1.26	0.19	21.38	16.97	5.31	3.70	2.557	0.158
7/31/2011	7.19	1.44	0.20	23.83	17.19	5.36	4.43	2.610	0.187
8/31/2011	9.28	1.81	0.20	23.64	17.48	5.41	5.17	2.014	0.214
9/30/2011	8.71	1.72	0.20	22.26	17.74	5.46	5.84	2.019	0.239
10/31/2011	8.26	2.41	0.29	20.50	17.99	5.54	6.47	1.823	0.261
11/30/2011	8.75	2.05	0.23	19.78	18.26	5.60	7.06	1.734	0.281
12/31/2011	8.31	1.60	0.19	20.26	18.51	5.65	7.69	1.931	0.302
1/31/2012	8.75	1.60	0.18	19.71	18.78	5.70	8.30	1.799	0.322
2/29/2012	8.92	1.56	0.17	18.84	19.04	5.74	8.85	1.698	0.339
3/31/2012	8.58	1.46	0.17	17.98	19.31	5.79	9.41	1.689	0.356
4/30/2012	8.42	1.45	0.17	15.93	19.56	5.83	9.88	1.524	0.369
5/31/2012	8.00	1.38	0.17	10.21	19.81	5.88	10.20	1.027	0.377
6/30/2012	7.65	1.52	0.20	19.28	20.04	5.92	10.78	1.988	0.394
7/31/2012	7.52	1.65	0.22	16.27	20.27	5.97	11.28	1.679	0.408
8/31/2012	6.78	1.49	0.22	16.77	20.48	6.02	11.80	1.920	0.423
9/30/2012	7.95	1.66	0.21	16.15	20.72	6.07	12.29	1.590	0.435
10/31/2012	7.65	1.99	0.26	16.11	20.96	6.13	12.79	1.584	0.448
11/30/2012	7.04	1.51	0.21	13.09	21.17	6.18	13.18	1.450	0.457



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
12/31/2012	8.00	1.85	0.23	15.65	21.42	6.23	13.67	1.503	0.469

# Pattern: 03/04-19-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.28 m3/m3

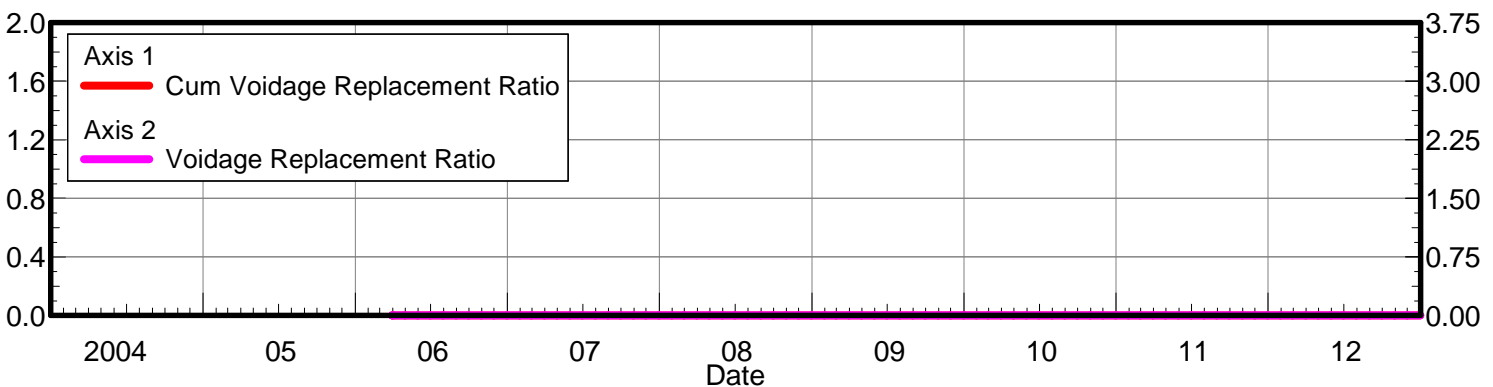
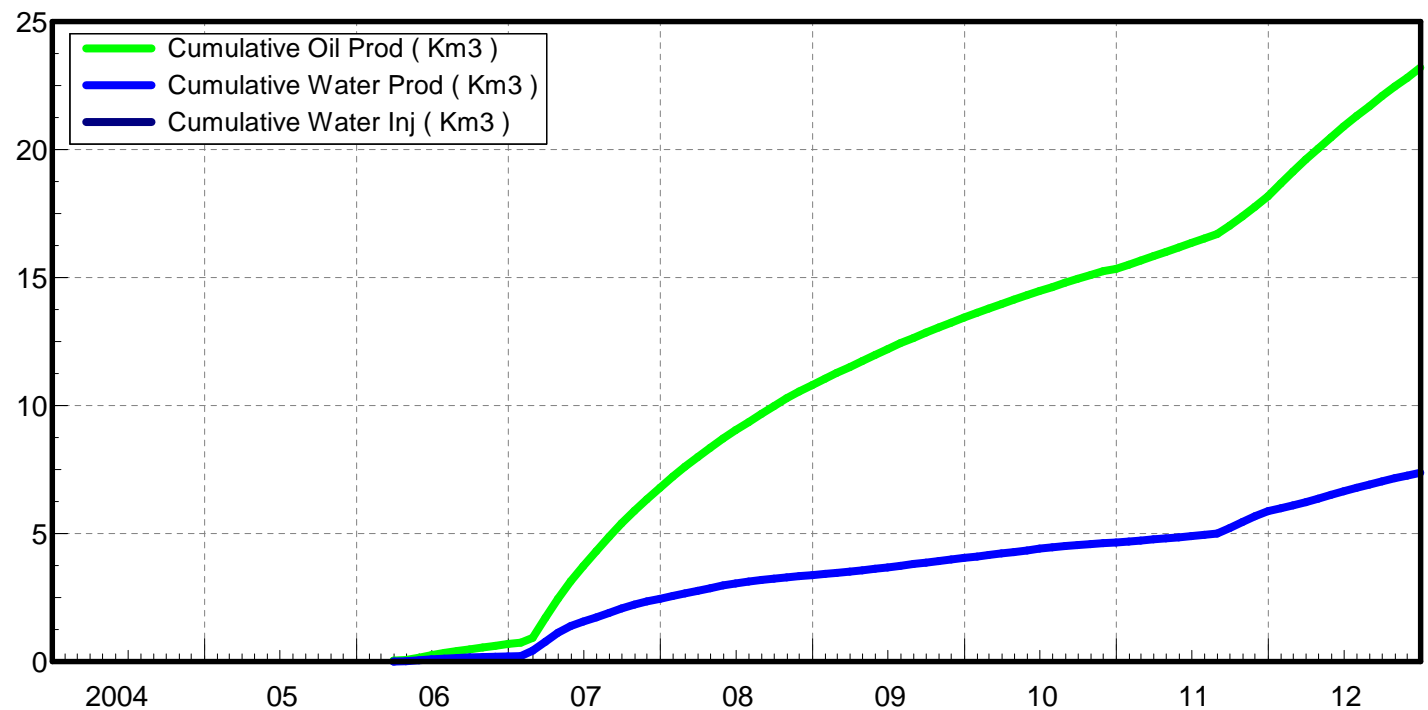
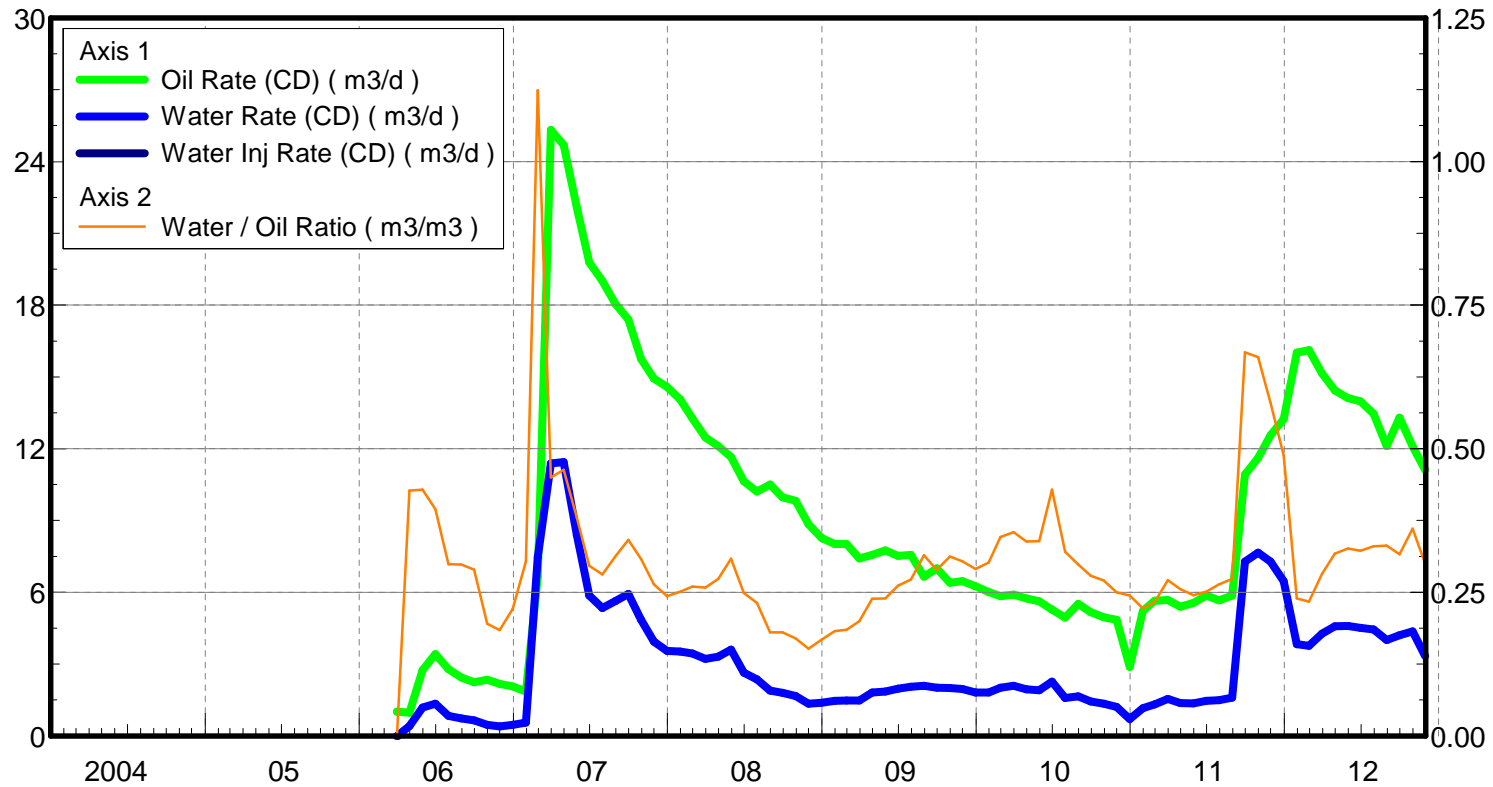
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 12.98 m3/d

Water Rate (CD) : 3.60 m3/d

Water Inj Rate (CD) : \* 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
3/31/2006	1.01	0.00	0.00		0.03	0.00	0.00	0.000	0.000
4/30/2006	0.97	0.41	0.43		0.06	0.01	0.00	0.000	0.000
5/31/2006	2.75	1.18	0.43		0.15	0.05	0.00	0.000	0.000
6/30/2006	3.42	1.35	0.39		0.25	0.09	0.00	0.000	0.000
7/31/2006	2.78	0.83	0.30		0.33	0.12	0.00	0.000	0.000
8/31/2006	2.45	0.73	0.30		0.41	0.14	0.00	0.000	0.000
9/30/2006	2.25	0.65	0.29		0.48	0.16	0.00	0.000	0.000
10/31/2006	2.35	0.46	0.20		0.55	0.17	0.00	0.000	0.000
11/30/2006	2.18	0.40	0.18		0.62	0.18	0.00	0.000	0.000
12/31/2006	2.07	0.46	0.22		0.68	0.20	0.00	0.000	0.000
1/31/2007	1.85	0.56	0.30		0.74	0.22	0.00	0.000	0.000
2/28/2007	6.65	7.47	1.12		0.92	0.42	0.00	0.000	0.000
3/31/2007	25.31	11.39	0.45		1.71	0.78	0.00	0.000	0.000
4/30/2007	24.69	11.44	0.46		2.45	1.12	0.00	0.000	0.000
5/31/2007	22.08	8.40	0.38		3.13	1.38	0.00	0.000	0.000
6/30/2007	19.78	5.86	0.30		3.73	1.56	0.00	0.000	0.000
7/31/2007	19.00	5.35	0.28		4.32	1.72	0.00	0.000	0.000
8/31/2007	18.04	5.64	0.31		4.88	1.90	0.00	0.000	0.000
9/30/2007	17.41	5.94	0.34		5.40	2.08	0.00	0.000	0.000
10/31/2007	15.75	4.85	0.31		5.89	2.23	0.00	0.000	0.000
11/30/2007	14.93	3.94	0.26		6.33	2.34	0.00	0.000	0.000
12/31/2007	14.58	3.55	0.24		6.79	2.45	0.00	0.000	0.000
1/31/2008	14.06	3.53	0.25		7.22	2.56	0.00	0.000	0.000
2/29/2008	13.28	3.45	0.26		7.61	2.66	0.00	0.000	0.000
3/31/2008	12.48	3.22	0.26		7.99	2.76	0.00	0.000	0.000
4/30/2008	12.11	3.31	0.27		8.36	2.86	0.00	0.000	0.000
5/31/2008	11.66	3.60	0.31		8.72	2.97	0.00	0.000	0.000
6/30/2008	10.64	2.65	0.25		9.04	3.05	0.00	0.000	0.000
7/31/2008	10.21	2.36	0.23		9.35	3.13	0.00	0.000	0.000
8/31/2008	10.51	1.89	0.18		9.68	3.19	0.00	0.000	0.000
9/30/2008	9.97	1.80	0.18		9.98	3.24	0.00	0.000	0.000
10/31/2008	9.82	1.66	0.17		10.28	3.29	0.00	0.000	0.000
11/30/2008	8.84	1.35	0.15		10.55	3.33	0.00	0.000	0.000
12/31/2008	8.26	1.38	0.17		10.80	3.37	0.00	0.000	0.000
1/31/2009	8.02	1.46	0.18		11.05	3.42	0.00	0.000	0.000
2/28/2009	8.01	1.48	0.18		11.28	3.46	0.00	0.000	0.000
3/31/2009	7.41	1.48	0.20		11.51	3.51	0.00	0.000	0.000
4/30/2009	7.56	1.81	0.24		11.73	3.56	0.00	0.000	0.000
5/31/2009	7.75	1.86	0.24		11.97	3.62	0.00	0.000	0.000
6/30/2009	7.52	1.97	0.26		12.20	3.68	0.00	0.000	0.000
7/31/2009	7.56	2.06	0.27		12.43	3.74	0.00	0.000	0.000
8/31/2009	6.66	2.09	0.31		12.64	3.81	0.00	0.000	0.000
9/30/2009	7.00	2.02	0.29		12.85	3.87	0.00	0.000	0.000
10/31/2009	6.40	2.00	0.31		13.05	3.93	0.00	0.000	0.000
11/30/2009	6.47	1.97	0.30		13.24	3.99	0.00	0.000	0.000
12/31/2009	6.26	1.82	0.29		13.44	4.04	0.00	0.000	0.000
1/31/2010	6.02	1.81	0.30		13.62	4.10	0.00	0.000	0.000
2/28/2010	5.83	2.02	0.35		13.79	4.16	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
3/31/2010	5.90	2.09	0.35		13.97	4.22	0.00	0.000	0.000
4/30/2010	5.75	1.95	0.34		14.14	4.28	0.00	0.000	0.000
5/31/2010	5.62	1.91	0.34		14.32	4.34	0.00	0.000	0.000
6/30/2010	5.28	2.26	0.43		14.47	4.41	0.00	0.000	0.000
7/31/2010	4.94	1.58	0.32		14.63	4.46	0.00	0.000	0.000
8/31/2010	5.52	1.65	0.30		14.80	4.51	0.00	0.000	0.000
9/30/2010	5.17	1.44	0.28		14.95	4.55	0.00	0.000	0.000
10/31/2010	4.95	1.34	0.27		15.11	4.59	0.00	0.000	0.000
11/30/2010	4.85	1.21	0.25		15.25	4.63	0.00	0.000	0.000
12/31/2010	2.88	0.70	0.24		15.34	4.65	0.00	0.000	0.000
1/31/2011	5.22	1.16	0.22		15.50	4.69	0.00	0.000	0.000
2/28/2011	5.65	1.32	0.23		15.66	4.72	0.00	0.000	0.000
3/31/2011	5.68	1.54	0.27		15.84	4.77	0.00	0.000	0.000
4/30/2011	5.39	1.38	0.26		16.00	4.81	0.00	0.000	0.000
5/31/2011	5.56	1.36	0.24		16.17	4.85	0.00	0.000	0.000
6/30/2011	5.86	1.47	0.25		16.35	4.90	0.00	0.000	0.000
7/31/2011	5.67	1.50	0.26		16.52	4.94	0.00	0.000	0.000
8/31/2011	5.86	1.60	0.27		16.71	4.99	0.00	0.000	0.000
9/30/2011	10.91	7.29	0.67		17.03	5.21	0.00	0.000	0.000
10/31/2011	11.61	7.65	0.66		17.39	5.45	0.00	0.000	0.000
11/30/2011	12.56	7.29	0.58		17.77	5.67	0.00	0.000	0.000
12/31/2011	13.23	6.46	0.49		18.18	5.87	0.00	0.000	0.000
1/31/2012	16.02	3.84	0.24		18.68	5.99	0.00	0.000	0.000
2/29/2012	16.12	3.77	0.23		19.14	6.10	0.00	0.000	0.000
3/31/2012	15.14	4.27	0.28		19.61	6.23	0.00	0.000	0.000
4/30/2012	14.44	4.58	0.32		20.05	6.37	0.00	0.000	0.000
5/31/2012	14.11	4.60	0.33		20.48	6.51	0.00	0.000	0.000
6/30/2012	13.98	4.51	0.32		20.90	6.64	0.00	0.000	0.000
7/31/2012	13.46	4.44	0.33		21.32	6.78	0.00	0.000	0.000
8/31/2012	12.11	4.01	0.33		21.70	6.91	0.00	0.000	0.000
9/30/2012	13.30	4.21	0.32		22.09	7.03	0.00	0.000	0.000
10/31/2012	12.09	4.36	0.36		22.47	7.17	0.00	0.000	0.000
11/30/2012	11.12	3.34	0.30		22.80	7.27	0.00	0.000	0.000
12/31/2012	12.98	3.60	0.28		23.21	7.38	0.00	0.000	0.000

# Pattern: 02/12-19-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.18 m3/m3

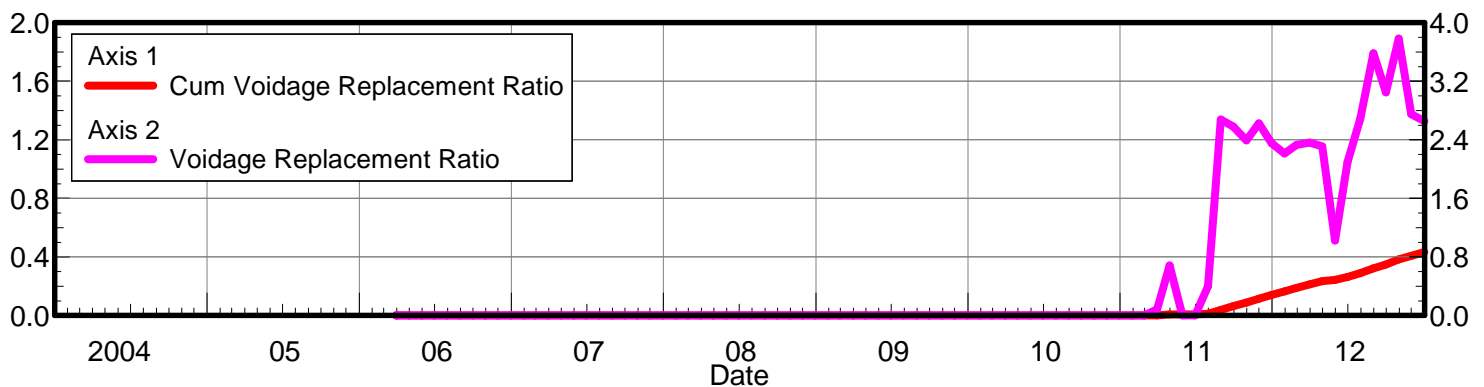
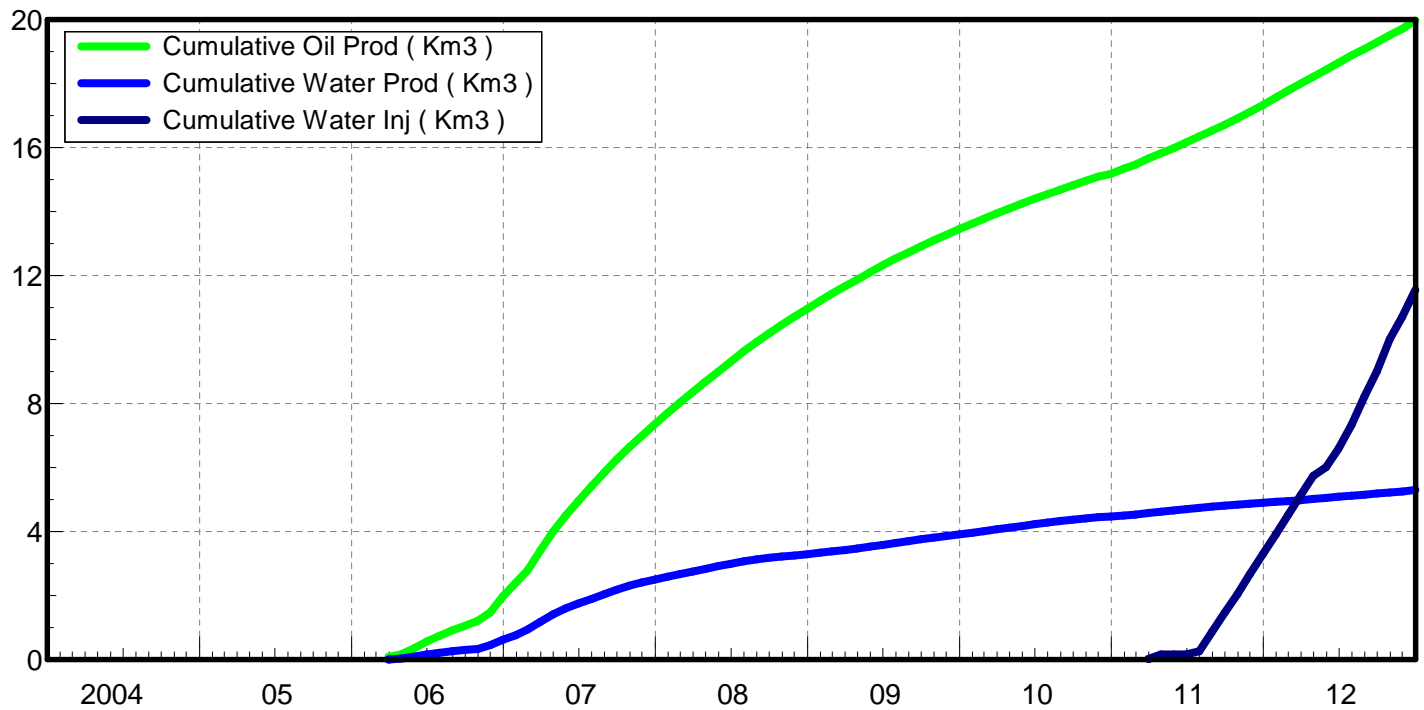
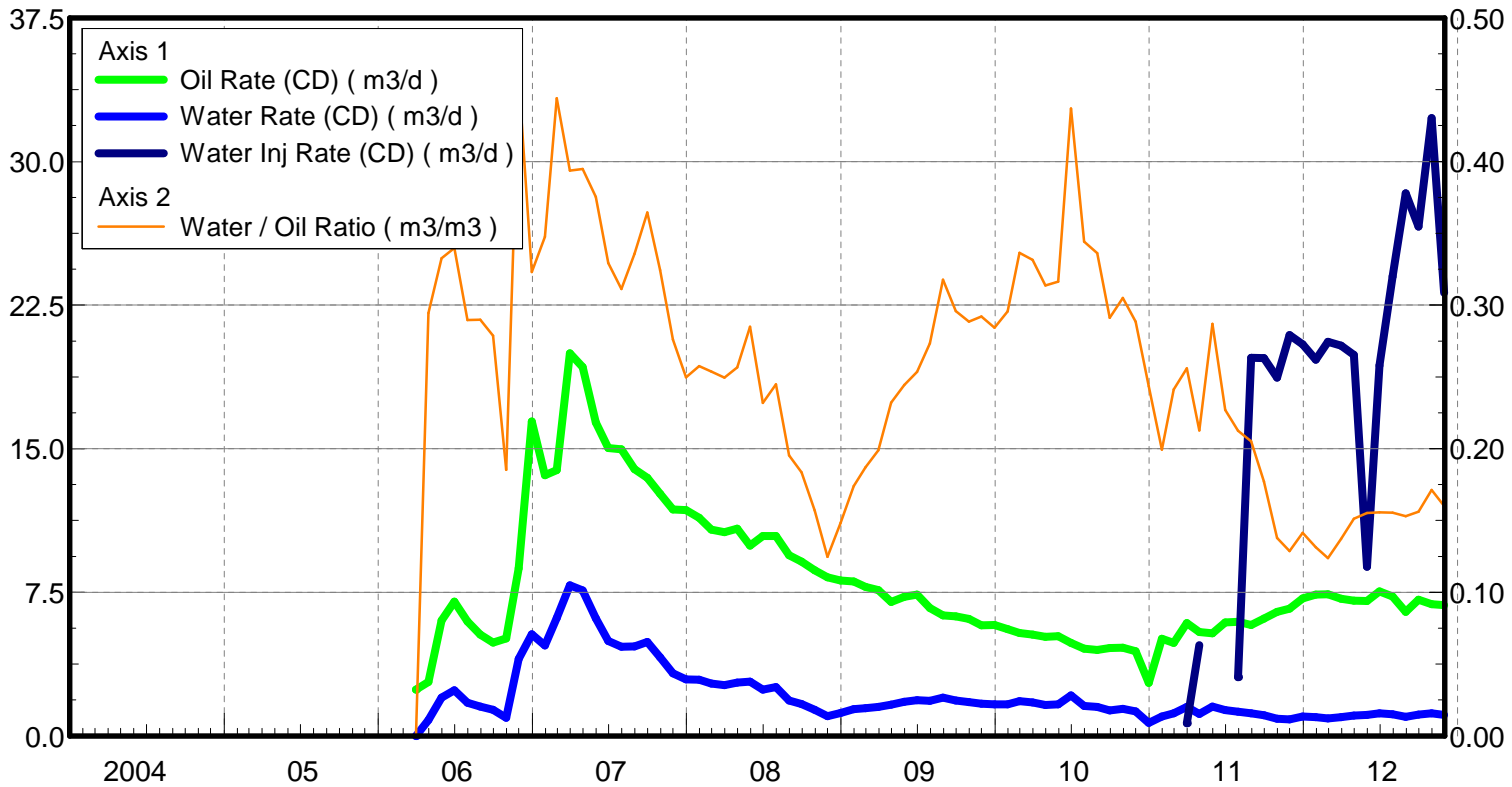
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 8.22 m3/d

Water Rate (CD) : 1.47 m3/d

Water Inj Rate (CD) : 27.22 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
3/31/2006	2.41	0.00	0.00		0.07	0.00	0.00	0.000	0.000
4/30/2006	2.82	0.83	0.29		0.16	0.02	0.00	0.000	0.000
5/31/2006	6.02	2.00	0.33		0.35	0.09	0.00	0.000	0.000
6/30/2006	7.01	2.38	0.34		0.56	0.16	0.00	0.000	0.000
7/31/2006	5.98	1.73	0.29		0.74	0.21	0.00	0.000	0.000
8/31/2006	5.29	1.53	0.29		0.91	0.26	0.00	0.000	0.000
9/30/2006	4.88	1.36	0.28		1.05	0.30	0.00	0.000	0.000
10/31/2006	5.09	0.94	0.19		1.21	0.33	0.00	0.000	0.000
11/30/2006	8.76	4.01	0.46		1.47	0.45	0.00	0.000	0.000
12/31/2006	16.43	5.30	0.32		1.98	0.61	0.00	0.000	0.000
1/31/2007	13.61	4.73	0.35		2.40	0.76	0.00	0.000	0.000
2/28/2007	13.88	6.16	0.44		2.79	0.93	0.00	0.000	0.000
3/31/2007	19.99	7.87	0.39		3.41	1.18	0.00	0.000	0.000
4/30/2007	19.27	7.61	0.39		3.99	1.41	0.00	0.000	0.000
5/31/2007	16.37	6.14	0.38		4.50	1.60	0.00	0.000	0.000
6/30/2007	15.04	4.95	0.33		4.95	1.74	0.00	0.000	0.000
7/31/2007	14.96	4.66	0.31		5.41	1.89	0.00	0.000	0.000
8/31/2007	13.93	4.68	0.34		5.84	2.03	0.00	0.000	0.000
9/30/2007	13.47	4.91	0.36		6.25	2.18	0.00	0.000	0.000
10/31/2007	12.64	4.10	0.32		6.64	2.31	0.00	0.000	0.000
11/30/2007	11.82	3.27	0.28		6.99	2.41	0.00	0.000	0.000
12/31/2007	11.80	2.95	0.25		7.36	2.50	0.00	0.000	0.000
1/31/2008	11.39	2.93	0.26		7.71	2.59	0.00	0.000	0.000
2/29/2008	10.78	2.74	0.25		8.03	2.67	0.00	0.000	0.000
3/31/2008	10.63	2.65	0.25		8.36	2.75	0.00	0.000	0.000
4/30/2008	10.83	2.78	0.26		8.68	2.83	0.00	0.000	0.000
5/31/2008	9.94	2.83	0.28		8.99	2.92	0.00	0.000	0.000
6/30/2008	10.44	2.42	0.23		9.30	2.99	0.00	0.000	0.000
7/31/2008	10.44	2.56	0.24		9.63	3.07	0.00	0.000	0.000
8/31/2008	9.43	1.84	0.20		9.92	3.13	0.00	0.000	0.000
9/30/2008	9.11	1.67	0.18		10.19	3.18	0.00	0.000	0.000
10/31/2008	8.65	1.36	0.16		10.46	3.22	0.00	0.000	0.000
11/30/2008	8.29	1.03	0.12		10.71	3.25	0.00	0.000	0.000
12/31/2008	8.11	1.20	0.15		10.96	3.29	0.00	0.000	0.000
1/31/2009	8.07	1.40	0.17		11.21	3.33	0.00	0.000	0.000
2/28/2009	7.78	1.46	0.19		11.43	3.38	0.00	0.000	0.000
3/31/2009	7.61	1.51	0.20		11.66	3.42	0.00	0.000	0.000
4/30/2009	7.00	1.63	0.23		11.87	3.47	0.00	0.000	0.000
5/31/2009	7.27	1.78	0.24		12.10	3.53	0.00	0.000	0.000
6/30/2009	7.38	1.87	0.25		12.32	3.58	0.00	0.000	0.000
7/31/2009	6.68	1.83	0.27		12.53	3.64	0.00	0.000	0.000
8/31/2009	6.30	2.00	0.32		12.72	3.70	0.00	0.000	0.000
9/30/2009	6.25	1.85	0.30		12.91	3.76	0.00	0.000	0.000
10/31/2009	6.11	1.76	0.29		13.10	3.81	0.00	0.000	0.000
11/30/2009	5.78	1.69	0.29		13.27	3.86	0.00	0.000	0.000
12/31/2009	5.79	1.65	0.28		13.45	3.91	0.00	0.000	0.000
1/31/2010	5.58	1.65	0.30		13.63	3.96	0.00	0.000	0.000
2/28/2010	5.38	1.81	0.34		13.78	4.01	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
3/31/2010	5.29	1.75	0.33		13.94	4.07	0.00	0.000	0.000
4/30/2010	5.17	1.62	0.31		14.09	4.12	0.00	0.000	0.000
5/31/2010	5.20	1.65	0.32		14.26	4.17	0.00	0.000	0.000
6/30/2010	4.86	2.12	0.44		14.40	4.23	0.00	0.000	0.000
7/31/2010	4.55	1.57	0.34		14.54	4.28	0.00	0.000	0.000
8/31/2010	4.49	1.51	0.34		14.68	4.33	0.00	0.000	0.000
9/30/2010	4.59	1.34	0.29		14.82	4.37	0.00	0.000	0.000
10/31/2010	4.61	1.41	0.31		14.96	4.41	0.00	0.000	0.000
11/30/2010	4.42	1.28	0.29		15.10	4.45	0.00	0.000	0.000
12/31/2010	2.76	0.67	0.24		15.18	4.47	0.00	0.000	0.000
1/31/2011	5.07	1.01	0.20		15.34	4.50	0.00	0.000	0.000
2/28/2011	4.86	1.17	0.24		15.47	4.53	0.00	0.000	0.000
3/31/2011	5.89	1.51	0.26	0.67	15.66	4.58	0.02	0.086	0.001
4/30/2011	5.42	1.15	0.21	4.74	15.82	4.62	0.16	0.682	0.008
5/31/2011	5.35	1.54	0.29		15.99	4.66	0.16	0.000	0.007
6/30/2011	5.93	1.35	0.23		16.16	4.70	0.16	0.000	0.007
7/31/2011	5.97	1.27	0.21	3.06	16.35	4.74	0.26	0.401	0.012
8/31/2011	5.79	1.19	0.21	19.75	16.53	4.78	0.87	2.678	0.039
9/30/2011	6.13	1.09	0.18	19.73	16.71	4.81	1.46	2.580	0.064
10/31/2011	6.48	0.89	0.14	18.71	16.91	4.84	2.04	2.392	0.089
11/30/2011	6.65	0.86	0.13	20.93	17.11	4.87	2.67	2.626	0.115
12/31/2011	7.18	1.01	0.14	20.45	17.34	4.90	3.30	2.353	0.141
1/31/2012	7.39	0.97	0.13	19.65	17.56	4.93	3.91	2.215	0.165
2/29/2012	7.40	0.92	0.12	20.59	17.78	4.95	4.51	2.330	0.188
3/31/2012	7.16	0.98	0.14	20.39	18.00	4.98	5.14	2.360	0.212
4/30/2012	7.06	1.07	0.15	19.90	18.21	5.02	5.74	2.308	0.234
5/31/2012	7.04	1.09	0.16	8.84	18.43	5.05	6.01	1.025	0.243
6/30/2012	7.54	1.17	0.16	19.34	18.66	5.09	6.59	2.093	0.263
7/31/2012	7.29	1.13	0.16	24.00	18.88	5.12	7.34	2.689	0.290
8/31/2012	6.47	0.99	0.15	28.34	19.08	5.15	8.22	3.581	0.321
9/30/2012	7.12	1.11	0.16	26.60	19.30	5.18	9.01	3.049	0.349
10/31/2012	6.87	1.18	0.17	32.26	19.51	5.22	10.01	3.785	0.384
11/30/2012	6.84	1.10	0.16	23.14	19.72	5.25	10.71	2.752	0.407
12/31/2012	8.22	1.47	0.18	27.22	19.97	5.30	11.55	2.653	0.433

# Pattern: 03/16-19-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.19 m3/m3

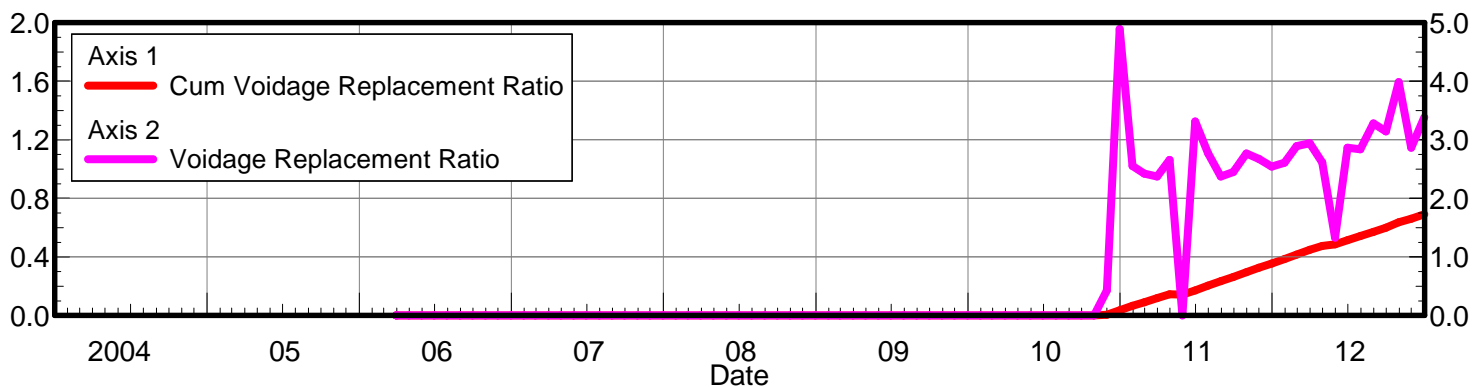
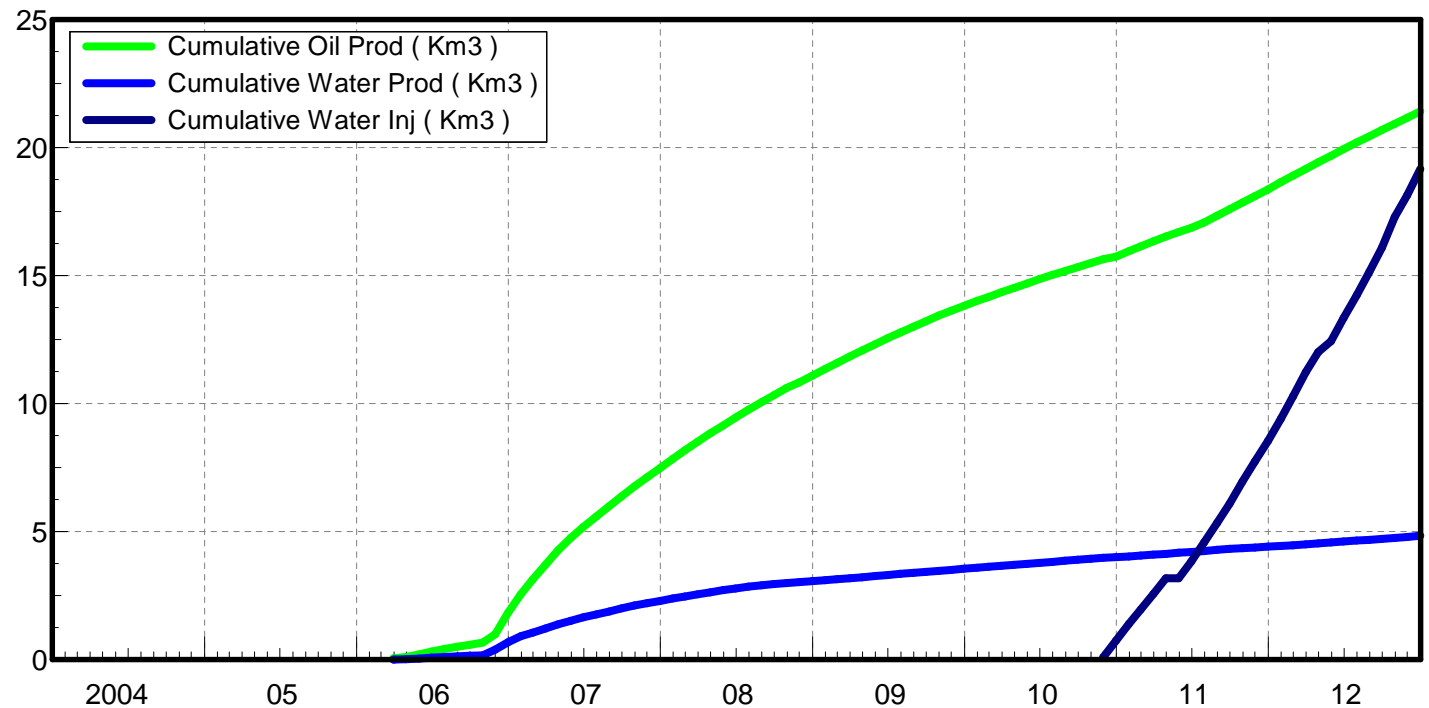
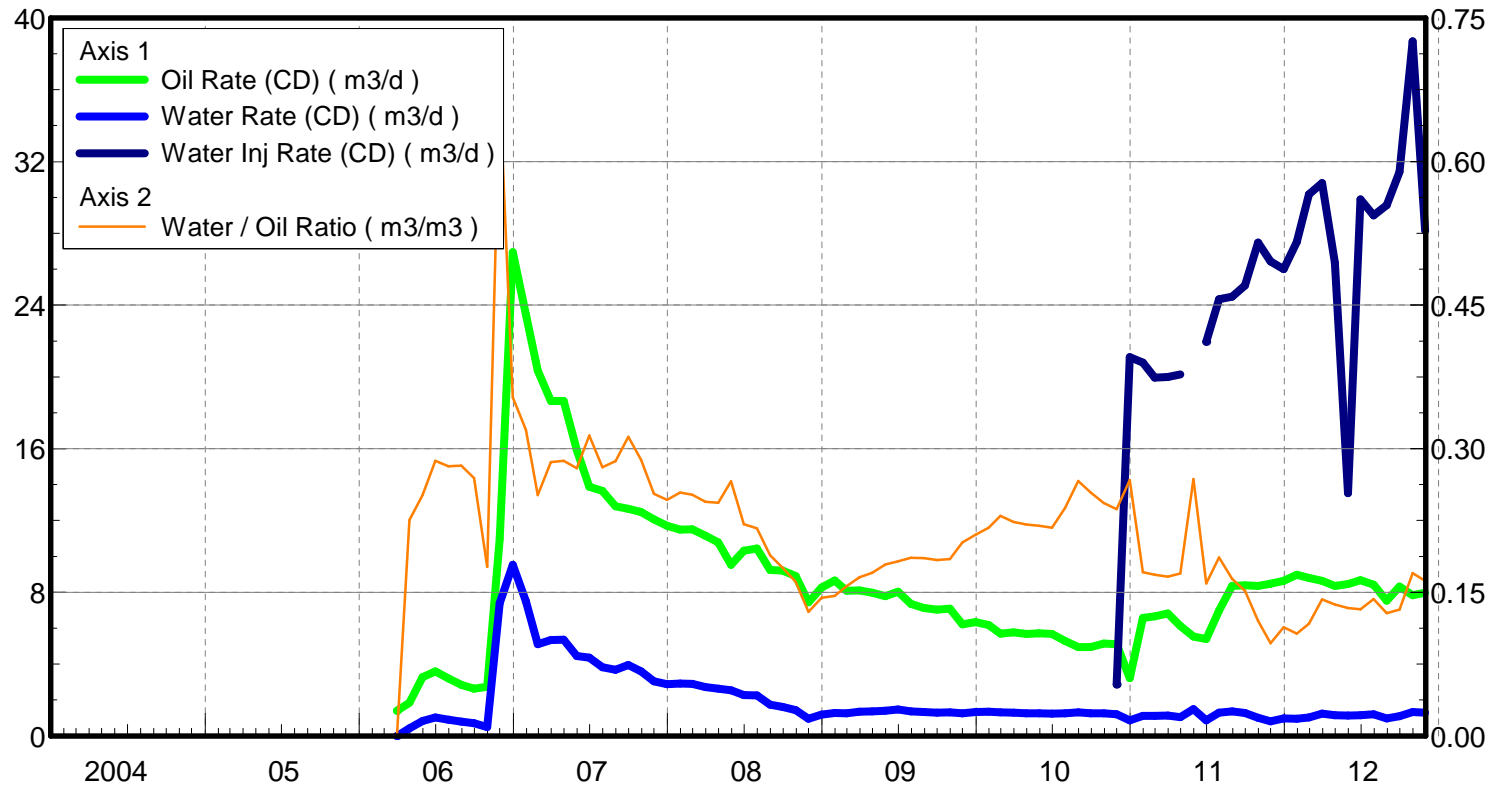
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 7.76 m3/d

Water Rate (CD) : 1.50 m3/d

Water Inj Rate (CD) : 33.21 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
3/31/2006	1.40	0.00	0.00		0.04	0.00	0.00	0.000	0.000
4/30/2006	1.86	0.42	0.23		0.10	0.01	0.00	0.000	0.000
5/31/2006	3.27	0.82	0.25		0.20	0.04	0.00	0.000	0.000
6/30/2006	3.59	1.03	0.29		0.31	0.07	0.00	0.000	0.000
7/31/2006	3.20	0.90	0.28		0.41	0.10	0.00	0.000	0.000
8/31/2006	2.84	0.80	0.28		0.50	0.12	0.00	0.000	0.000
9/30/2006	2.64	0.71	0.27		0.57	0.14	0.00	0.000	0.000
10/31/2006	2.74	0.48	0.18		0.66	0.16	0.00	0.000	0.000
11/30/2006	10.97	7.39	0.67		0.99	0.38	0.00	0.000	0.000
12/31/2006	26.95	9.52	0.35		1.82	0.68	0.00	0.000	0.000
1/31/2007	23.46	7.51	0.32		2.55	0.91	0.00	0.000	0.000
2/28/2007	20.36	5.12	0.25		3.12	1.05	0.00	0.000	0.000
3/31/2007	18.66	5.34	0.29		3.70	1.22	0.00	0.000	0.000
4/30/2007	18.66	5.36	0.29		4.26	1.38	0.00	0.000	0.000
5/31/2007	15.93	4.46	0.28		4.75	1.52	0.00	0.000	0.000
6/30/2007	13.88	4.35	0.31		5.17	1.65	0.00	0.000	0.000
7/31/2007	13.65	3.83	0.28		5.59	1.76	0.00	0.000	0.000
8/31/2007	12.80	3.67	0.29		5.99	1.88	0.00	0.000	0.000
9/30/2007	12.66	3.96	0.31		6.37	2.00	0.00	0.000	0.000
10/31/2007	12.47	3.60	0.29		6.76	2.11	0.00	0.000	0.000
11/30/2007	12.06	3.05	0.25		7.12	2.20	0.00	0.000	0.000
12/31/2007	11.70	2.89	0.25		7.48	2.29	0.00	0.000	0.000
1/31/2008	11.49	2.92	0.25		7.84	2.38	0.00	0.000	0.000
2/29/2008	11.51	2.90	0.25		8.17	2.46	0.00	0.000	0.000
3/31/2008	11.15	2.73	0.24		8.52	2.55	0.00	0.000	0.000
4/30/2008	10.78	2.63	0.24		8.84	2.63	0.00	0.000	0.000
5/31/2008	9.53	2.53	0.27		9.13	2.71	0.00	0.000	0.000
6/30/2008	10.31	2.28	0.22		9.44	2.77	0.00	0.000	0.000
7/31/2008	10.44	2.26	0.22		9.77	2.84	0.00	0.000	0.000
8/31/2008	9.24	1.74	0.19		10.05	2.90	0.00	0.000	0.000
9/30/2008	9.21	1.62	0.18		10.33	2.95	0.00	0.000	0.000
10/31/2008	8.91	1.44	0.16		10.61	2.99	0.00	0.000	0.000
11/30/2008	7.44	0.96	0.13		10.83	3.02	0.00	0.000	0.000
12/31/2008	8.26	1.19	0.14		11.09	3.06	0.00	0.000	0.000
1/31/2009	8.66	1.27	0.15		11.35	3.10	0.00	0.000	0.000
2/28/2009	8.09	1.27	0.16		11.58	3.13	0.00	0.000	0.000
3/31/2009	8.11	1.34	0.17		11.83	3.17	0.00	0.000	0.000
4/30/2009	7.98	1.36	0.17		12.07	3.21	0.00	0.000	0.000
5/31/2009	7.78	1.39	0.18		12.31	3.26	0.00	0.000	0.000
6/30/2009	8.04	1.47	0.18		12.55	3.30	0.00	0.000	0.000
7/31/2009	7.35	1.37	0.19		12.78	3.34	0.00	0.000	0.000
8/31/2009	7.13	1.32	0.19		13.00	3.39	0.00	0.000	0.000
9/30/2009	7.04	1.29	0.18		13.21	3.42	0.00	0.000	0.000
10/31/2009	7.10	1.31	0.18		13.43	3.46	0.00	0.000	0.000
11/30/2009	6.22	1.26	0.20		13.62	3.50	0.00	0.000	0.000
12/31/2009	6.34	1.33	0.21		13.82	3.54	0.00	0.000	0.000
1/31/2010	6.18	1.34	0.22		14.01	3.59	0.00	0.000	0.000
2/28/2010	5.69	1.31	0.23		14.17	3.62	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
3/31/2010	5.77	1.29	0.22		14.35	3.66	0.00	0.000	0.000
4/30/2010	5.67	1.25	0.22		14.52	3.70	0.00	0.000	0.000
5/31/2010	5.72	1.26	0.22		14.69	3.74	0.00	0.000	0.000
6/30/2010	5.68	1.24	0.22		14.86	3.78	0.00	0.000	0.000
7/31/2010	5.29	1.26	0.24		15.03	3.81	0.00	0.000	0.000
8/31/2010	4.95	1.32	0.27		15.18	3.86	0.00	0.000	0.000
9/30/2010	4.94	1.26	0.25		15.33	3.89	0.00	0.000	0.000
10/31/2010	5.15	1.25	0.24		15.49	3.93	0.00	0.000	0.000
11/30/2010	5.11	1.21	0.24	2.87	15.64	3.97	0.09	0.430	0.004
12/31/2010	3.22	0.86	0.27	21.09	15.74	4.00	0.74	4.895	0.036
1/31/2011	6.57	1.12	0.17	20.81	15.95	4.03	1.39	2.551	0.066
2/28/2011	6.66	1.12	0.17	19.96	16.13	4.06	1.94	2.421	0.091
3/31/2011	6.82	1.13	0.17	20.00	16.35	4.10	2.56	2.374	0.119
4/30/2011	6.12	1.04	0.17	20.13	16.53	4.13	3.17	2.656	0.145
5/31/2011	5.54	1.49	0.27		16.70	4.17	3.17	0.000	0.144
6/30/2011	5.39	0.86	0.16	21.96	16.86	4.20	3.83	3.313	0.172
7/31/2011	6.98	1.30	0.19	24.33	17.08	4.24	4.58	2.774	0.204
8/31/2011	8.35	1.37	0.16	24.46	17.34	4.28	5.34	2.374	0.234
9/30/2011	8.39	1.27	0.15	25.09	17.59	4.32	6.09	2.449	0.263
10/31/2011	8.35	1.00	0.12	27.48	17.85	4.35	6.94	2.767	0.296
11/30/2011	8.47	0.82	0.10	26.43	18.10	4.38	7.74	2.675	0.326
12/31/2011	8.64	0.98	0.11	26.00	18.37	4.41	8.54	2.545	0.355
1/31/2012	8.97	0.96	0.11	27.52	18.65	4.44	9.40	2.607	0.385
2/29/2012	8.79	1.03	0.12	30.17	18.90	4.47	10.27	2.892	0.416
3/31/2012	8.63	1.23	0.14	30.81	19.17	4.50	11.23	2.944	0.449
4/30/2012	8.35	1.15	0.14	26.37	19.42	4.54	12.02	2.616	0.475
5/31/2012	8.46	1.13	0.13	13.52	19.68	4.57	12.44	1.327	0.485
6/30/2012	8.67	1.15	0.13	29.88	19.94	4.61	13.33	2.868	0.514
7/31/2012	8.42	1.20	0.14	29.01	20.21	4.65	14.23	2.840	0.542
8/31/2012	7.53	0.97	0.13	29.57	20.44	4.68	15.15	3.280	0.571
9/30/2012	8.32	1.10	0.13	31.42	20.69	4.71	16.09	3.143	0.600
10/31/2012	7.83	1.33	0.17	38.70	20.93	4.75	17.29	3.986	0.637
11/30/2012	7.98	1.29	0.16	28.14	21.17	4.79	18.13	2.863	0.661
12/31/2012	7.76	1.50	0.19	33.21	21.41	4.84	19.16	3.386	0.691

# Pattern: 02/01-30-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.24 m3/m3

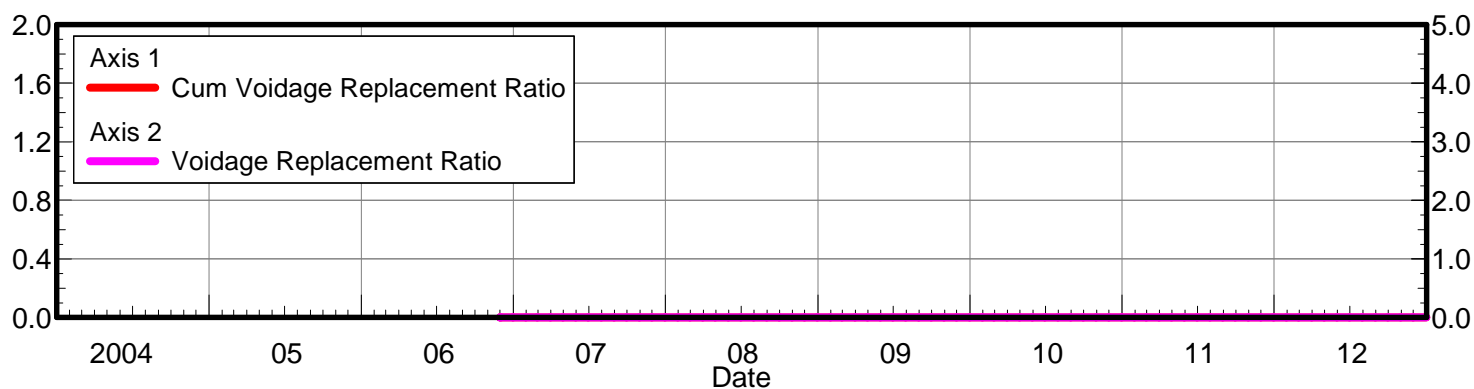
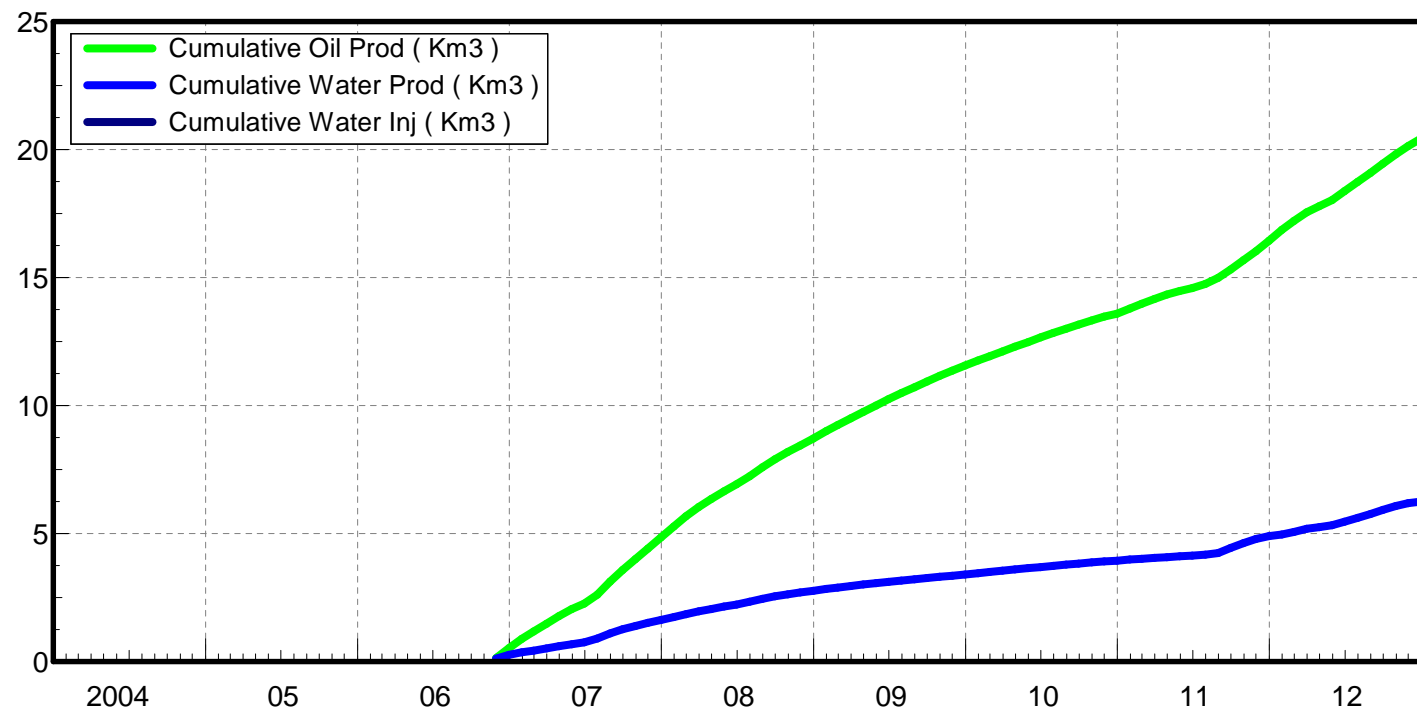
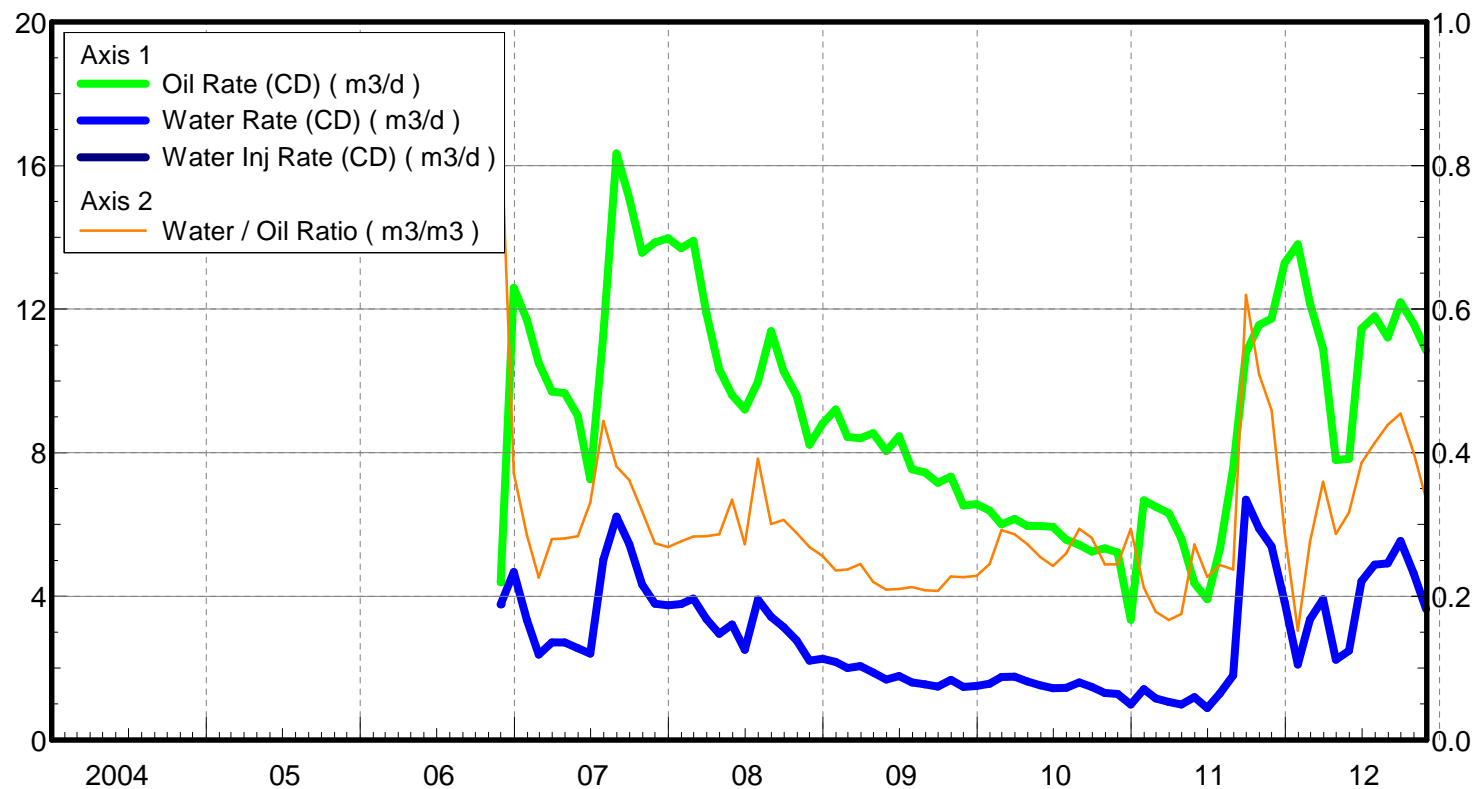
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 9.76 m3/d

Water Rate (CD) : 2.33 m3/d

Water Inj Rate (CD) : \* 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
11/30/2006	4.39	3.78	0.86		0.13	0.11	0.00	0.000	0.000
12/31/2006	12.59	4.68	0.37		0.52	0.26	0.00	0.000	0.000
1/31/2007	11.70	3.34	0.29		0.88	0.36	0.00	0.000	0.000
2/28/2007	10.49	2.38	0.23		1.18	0.43	0.00	0.000	0.000
3/31/2007	9.70	2.72	0.28		1.48	0.51	0.00	0.000	0.000
4/30/2007	9.66	2.71	0.28		1.77	0.59	0.00	0.000	0.000
5/31/2007	9.02	2.56	0.28		2.05	0.67	0.00	0.000	0.000
6/30/2007	7.26	2.40	0.33		2.27	0.75	0.00	0.000	0.000
7/31/2007	11.31	5.02	0.44		2.62	0.90	0.00	0.000	0.000
8/31/2007	16.33	6.22	0.38		3.12	1.09	0.00	0.000	0.000
9/30/2007	15.08	5.45	0.36		3.58	1.26	0.00	0.000	0.000
10/31/2007	13.57	4.32	0.32		4.00	1.39	0.00	0.000	0.000
11/30/2007	13.86	3.79	0.27		4.41	1.51	0.00	0.000	0.000
12/31/2007	13.97	3.75	0.27		4.85	1.62	0.00	0.000	0.000
1/31/2008	13.69	3.79	0.28		5.27	1.74	0.00	0.000	0.000
2/29/2008	13.90	3.94	0.28		5.67	1.85	0.00	0.000	0.000
3/31/2008	11.88	3.37	0.28		6.04	1.96	0.00	0.000	0.000
4/30/2008	10.32	2.95	0.29		6.35	2.05	0.00	0.000	0.000
5/31/2008	9.61	3.21	0.33		6.65	2.15	0.00	0.000	0.000
6/30/2008	9.21	2.51	0.27		6.93	2.22	0.00	0.000	0.000
7/31/2008	9.98	3.91	0.39		7.23	2.34	0.00	0.000	0.000
8/31/2008	11.39	3.42	0.30		7.59	2.45	0.00	0.000	0.000
9/30/2008	10.27	3.15	0.31		7.90	2.54	0.00	0.000	0.000
10/31/2008	9.59	2.76	0.29		8.19	2.63	0.00	0.000	0.000
11/30/2008	8.22	2.21	0.27		8.44	2.69	0.00	0.000	0.000
12/31/2008	8.82	2.26	0.26		8.71	2.76	0.00	0.000	0.000
1/31/2009	9.20	2.17	0.24		9.00	2.83	0.00	0.000	0.000
2/28/2009	8.44	2.00	0.24		9.23	2.89	0.00	0.000	0.000
3/31/2009	8.40	2.06	0.25		9.49	2.95	0.00	0.000	0.000
4/30/2009	8.54	1.88	0.22		9.75	3.01	0.00	0.000	0.000
5/31/2009	8.05	1.68	0.21		10.00	3.06	0.00	0.000	0.000
6/30/2009	8.46	1.78	0.21		10.25	3.11	0.00	0.000	0.000
7/31/2009	7.54	1.60	0.21		10.49	3.16	0.00	0.000	0.000
8/31/2009	7.45	1.55	0.21		10.72	3.21	0.00	0.000	0.000
9/30/2009	7.17	1.49	0.21		10.93	3.26	0.00	0.000	0.000
10/31/2009	7.33	1.67	0.23		11.16	3.31	0.00	0.000	0.000
11/30/2009	6.53	1.48	0.23		11.36	3.35	0.00	0.000	0.000
12/31/2009	6.57	1.50	0.23		11.56	3.40	0.00	0.000	0.000
1/31/2010	6.39	1.57	0.25		11.76	3.45	0.00	0.000	0.000
2/28/2010	6.01	1.75	0.29		11.93	3.50	0.00	0.000	0.000
3/31/2010	6.16	1.76	0.29		12.12	3.55	0.00	0.000	0.000
4/30/2010	5.96	1.62	0.27		12.30	3.60	0.00	0.000	0.000
5/31/2010	5.96	1.52	0.25		12.48	3.65	0.00	0.000	0.000
6/30/2010	5.93	1.44	0.24		12.66	3.69	0.00	0.000	0.000
7/31/2010	5.57	1.45	0.26		12.83	3.73	0.00	0.000	0.000
8/31/2010	5.43	1.60	0.29		13.00	3.78	0.00	0.000	0.000
9/30/2010	5.25	1.48	0.28		13.16	3.83	0.00	0.000	0.000
10/31/2010	5.33	1.30	0.24		13.32	3.87	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
11/30/2010	5.22	1.28	0.24		13.48	3.91	0.00	0.000	0.000
12/31/2010	3.35	0.98	0.29		13.58	3.94	0.00	0.000	0.000
1/31/2011	6.67	1.41	0.21		13.79	3.98	0.00	0.000	0.000
2/28/2011	6.50	1.16	0.18		13.97	4.01	0.00	0.000	0.000
3/31/2011	6.31	1.05	0.17		14.17	4.05	0.00	0.000	0.000
4/30/2011	5.61	0.98	0.18		14.34	4.08	0.00	0.000	0.000
5/31/2011	4.36	1.19	0.27		14.47	4.11	0.00	0.000	0.000
6/30/2011	3.92	0.89	0.23		14.59	4.14	0.00	0.000	0.000
7/31/2011	5.34	1.30	0.24		14.75	4.18	0.00	0.000	0.000
8/31/2011	7.56	1.80	0.24		14.99	4.24	0.00	0.000	0.000
9/30/2011	10.79	6.69	0.62		15.31	4.44	0.00	0.000	0.000
10/31/2011	11.56	5.89	0.51		15.67	4.62	0.00	0.000	0.000
11/30/2011	11.73	5.39	0.46		16.02	4.78	0.00	0.000	0.000
12/31/2011	13.29	3.84	0.29		16.44	4.90	0.00	0.000	0.000
1/31/2012	13.80	2.10	0.15		16.86	4.96	0.00	0.000	0.000
2/29/2012	12.16	3.36	0.28		17.22	5.06	0.00	0.000	0.000
3/31/2012	10.90	3.92	0.36		17.55	5.18	0.00	0.000	0.000
4/30/2012	7.79	2.23	0.29		17.79	5.25	0.00	0.000	0.000
5/31/2012	7.83	2.48	0.32		18.03	5.33	0.00	0.000	0.000
6/30/2012	11.46	4.42	0.39		18.37	5.46	0.00	0.000	0.000
7/31/2012	11.80	4.88	0.41		18.74	5.61	0.00	0.000	0.000
8/31/2012	11.21	4.92	0.44		19.09	5.76	0.00	0.000	0.000
9/30/2012	12.20	5.54	0.45		19.45	5.93	0.00	0.000	0.000
10/31/2012	11.59	4.64	0.40		19.81	6.07	0.00	0.000	0.000
11/30/2012	10.84	3.64	0.34		20.14	6.18	0.00	0.000	0.000
12/31/2012	9.76	2.33	0.24		20.44	6.26	0.00	0.000	0.000

# Pattern: 02/04-30-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.36 m3/m3

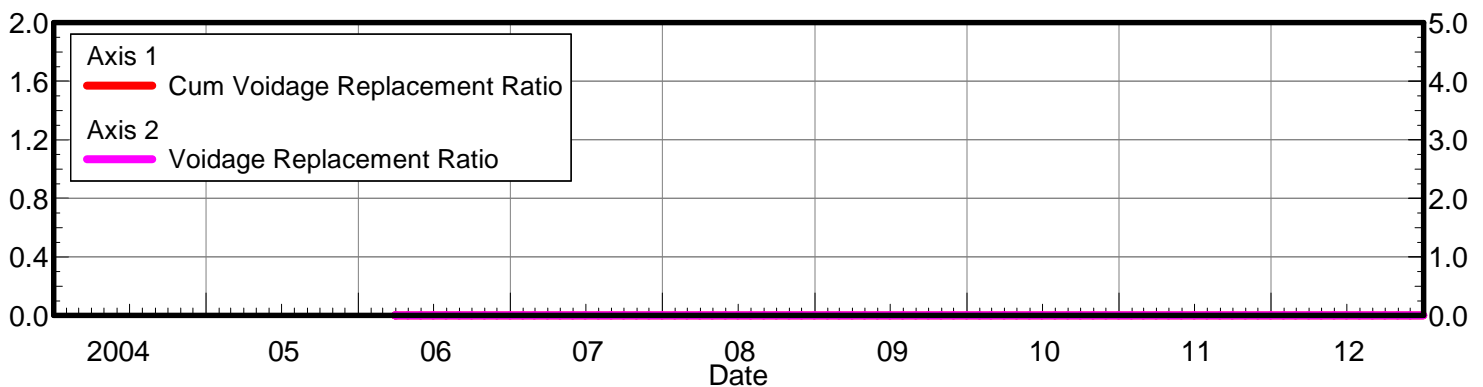
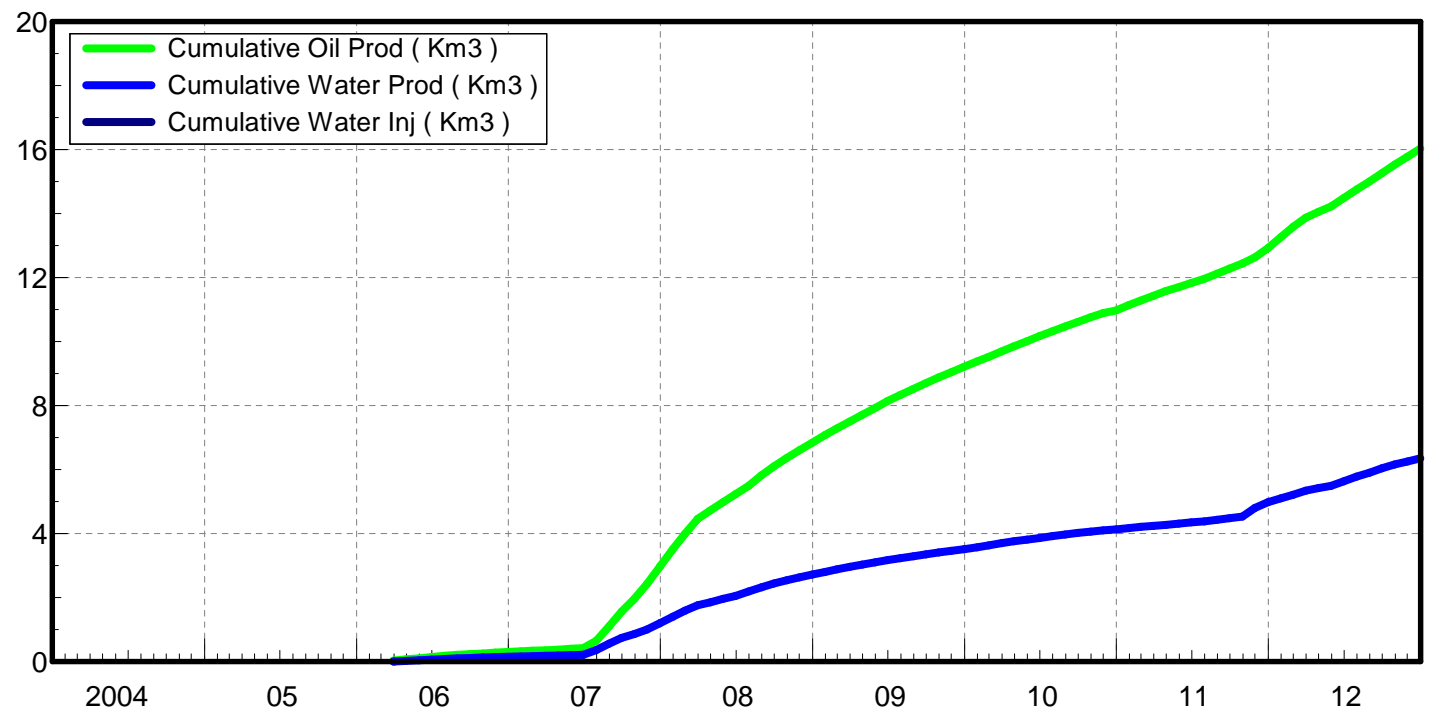
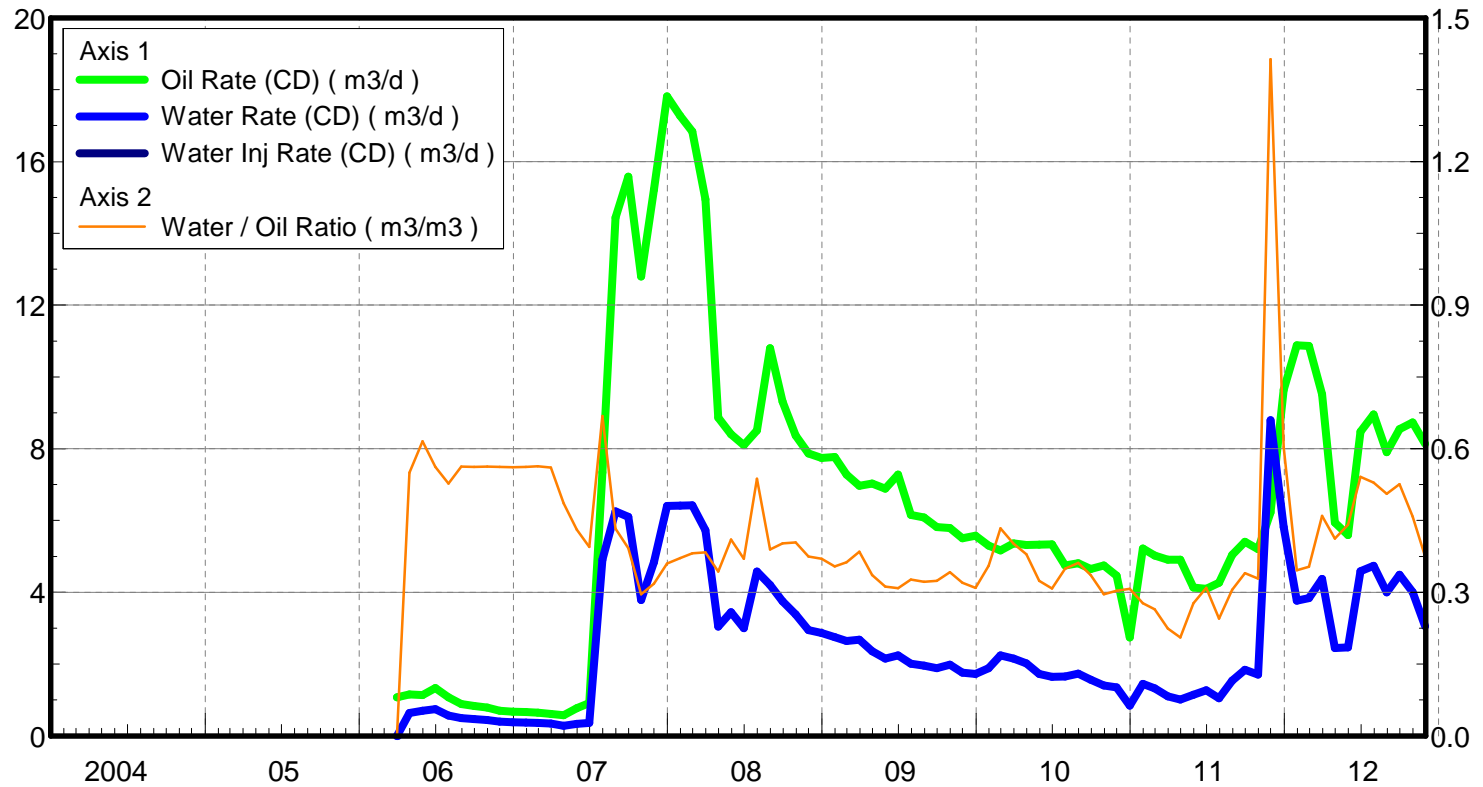
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 8.41 m3/d

Water Rate (CD) : 3.07 m3/d

Water Inj Rate (CD) : \* 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
3/31/2006	1.07	0.00	0.00		0.03	0.00	0.00	0.000	0.000
4/30/2006	1.16	0.64	0.55		0.07	0.02	0.00	0.000	0.000
5/31/2006	1.14	0.70	0.62		0.10	0.04	0.00	0.000	0.000
6/30/2006	1.33	0.75	0.56		0.14	0.06	0.00	0.000	0.000
7/31/2006	1.07	0.56	0.53		0.18	0.08	0.00	0.000	0.000
8/31/2006	0.89	0.50	0.56		0.20	0.10	0.00	0.000	0.000
9/30/2006	0.83	0.47	0.56		0.23	0.11	0.00	0.000	0.000
10/31/2006	0.79	0.44	0.56		0.25	0.12	0.00	0.000	0.000
11/30/2006	0.70	0.39	0.56		0.27	0.14	0.00	0.000	0.000
12/31/2006	0.67	0.38	0.56		0.29	0.15	0.00	0.000	0.000
1/31/2007	0.67	0.37	0.56		0.32	0.16	0.00	0.000	0.000
2/28/2007	0.65	0.36	0.56		0.33	0.17	0.00	0.000	0.000
3/31/2007	0.61	0.34	0.56		0.35	0.18	0.00	0.000	0.000
4/30/2007	0.58	0.28	0.49		0.37	0.19	0.00	0.000	0.000
5/31/2007	0.77	0.33	0.43		0.39	0.20	0.00	0.000	0.000
6/30/2007	0.91	0.36	0.39		0.42	0.21	0.00	0.000	0.000
7/31/2007	7.35	4.91	0.67		0.65	0.36	0.00	0.000	0.000
8/31/2007	14.44	6.25	0.43		1.10	0.56	0.00	0.000	0.000
9/30/2007	15.58	6.10	0.39		1.56	0.74	0.00	0.000	0.000
10/31/2007	12.80	3.78	0.30		1.96	0.86	0.00	0.000	0.000
11/30/2007	15.21	4.84	0.32		2.42	1.00	0.00	0.000	0.000
12/31/2007	17.82	6.41	0.36		2.97	1.20	0.00	0.000	0.000
1/31/2008	17.28	6.41	0.37		3.50	1.40	0.00	0.000	0.000
2/29/2008	16.83	6.43	0.38		3.99	1.58	0.00	0.000	0.000
3/31/2008	14.95	5.73	0.38		4.46	1.76	0.00	0.000	0.000
4/30/2008	8.87	3.05	0.34		4.72	1.85	0.00	0.000	0.000
5/31/2008	8.40	3.45	0.41		4.98	1.96	0.00	0.000	0.000
6/30/2008	8.10	3.00	0.37		5.23	2.05	0.00	0.000	0.000
7/31/2008	8.51	4.57	0.54		5.49	2.19	0.00	0.000	0.000
8/31/2008	10.80	4.20	0.39		5.82	2.32	0.00	0.000	0.000
9/30/2008	9.31	3.75	0.40		6.10	2.44	0.00	0.000	0.000
10/31/2008	8.36	3.38	0.40		6.36	2.54	0.00	0.000	0.000
11/30/2008	7.87	2.95	0.38		6.60	2.63	0.00	0.000	0.000
12/31/2008	7.75	2.87	0.37		6.84	2.72	0.00	0.000	0.000
1/31/2009	7.77	2.75	0.35		7.08	2.80	0.00	0.000	0.000
2/28/2009	7.28	2.64	0.36		7.28	2.88	0.00	0.000	0.000
3/31/2009	6.97	2.68	0.38		7.50	2.96	0.00	0.000	0.000
4/30/2009	7.03	2.36	0.34		7.71	3.03	0.00	0.000	0.000
5/31/2009	6.89	2.15	0.31		7.92	3.10	0.00	0.000	0.000
6/30/2009	7.28	2.25	0.31		8.14	3.16	0.00	0.000	0.000
7/31/2009	6.15	2.01	0.33		8.33	3.23	0.00	0.000	0.000
8/31/2009	6.08	1.96	0.32		8.52	3.29	0.00	0.000	0.000
9/30/2009	5.82	1.88	0.32		8.70	3.34	0.00	0.000	0.000
10/31/2009	5.79	1.98	0.34		8.88	3.41	0.00	0.000	0.000
11/30/2009	5.51	1.76	0.32		9.04	3.46	0.00	0.000	0.000
12/31/2009	5.57	1.72	0.31		9.21	3.51	0.00	0.000	0.000
1/31/2010	5.30	1.88	0.36		9.38	3.57	0.00	0.000	0.000
2/28/2010	5.17	2.24	0.43		9.52	3.63	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
3/31/2010	5.36	2.15	0.40		9.69	3.70	0.00	0.000	0.000
4/30/2010	5.32	2.02	0.38		9.85	3.76	0.00	0.000	0.000
5/31/2010	5.32	1.73	0.32		10.01	3.81	0.00	0.000	0.000
6/30/2010	5.34	1.64	0.31		10.17	3.86	0.00	0.000	0.000
7/31/2010	4.75	1.66	0.35		10.32	3.91	0.00	0.000	0.000
8/31/2010	4.81	1.74	0.36		10.47	3.97	0.00	0.000	0.000
9/30/2010	4.65	1.56	0.34		10.61	4.02	0.00	0.000	0.000
10/31/2010	4.75	1.40	0.30		10.76	4.06	0.00	0.000	0.000
11/30/2010	4.46	1.35	0.30		10.89	4.10	0.00	0.000	0.000
12/31/2010	2.75	0.84	0.31		10.98	4.13	0.00	0.000	0.000
1/31/2011	5.22	1.45	0.28		11.14	4.17	0.00	0.000	0.000
2/28/2011	5.03	1.33	0.26		11.28	4.21	0.00	0.000	0.000
3/31/2011	4.90	1.10	0.22		11.43	4.24	0.00	0.000	0.000
4/30/2011	4.91	1.01	0.21		11.58	4.27	0.00	0.000	0.000
5/31/2011	4.14	1.15	0.28		11.71	4.31	0.00	0.000	0.000
6/30/2011	4.10	1.27	0.31		11.83	4.35	0.00	0.000	0.000
7/31/2011	4.26	1.05	0.25		11.96	4.38	0.00	0.000	0.000
8/31/2011	5.04	1.54	0.31		12.12	4.43	0.00	0.000	0.000
9/30/2011	5.41	1.84	0.34		12.28	4.48	0.00	0.000	0.000
10/31/2011	5.21	1.71	0.33		12.44	4.53	0.00	0.000	0.000
11/30/2011	6.22	8.80	1.41		12.63	4.80	0.00	0.000	0.000
12/31/2011	9.64	5.82	0.60		12.93	4.98	0.00	0.000	0.000
1/31/2012	10.88	3.77	0.35		13.26	5.10	0.00	0.000	0.000
2/29/2012	10.86	3.84	0.35		13.58	5.21	0.00	0.000	0.000
3/31/2012	9.51	4.37	0.46		13.87	5.34	0.00	0.000	0.000
4/30/2012	5.94	2.45	0.41		14.05	5.42	0.00	0.000	0.000
5/31/2012	5.60	2.47	0.44		14.22	5.49	0.00	0.000	0.000
6/30/2012	8.47	4.59	0.54		14.48	5.63	0.00	0.000	0.000
7/31/2012	8.95	4.74	0.53		14.76	5.78	0.00	0.000	0.000
8/31/2012	7.91	4.00	0.51		15.00	5.90	0.00	0.000	0.000
9/30/2012	8.54	4.49	0.53		15.26	6.04	0.00	0.000	0.000
10/31/2012	8.73	4.00	0.46		15.53	6.16	0.00	0.000	0.000
11/30/2012	8.14	3.05	0.37		15.77	6.25	0.00	0.000	0.000
12/31/2012	8.41	3.07	0.36		16.03	6.35	0.00	0.000	0.000



# Pattern: 02/08-30-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.18 m3/m3

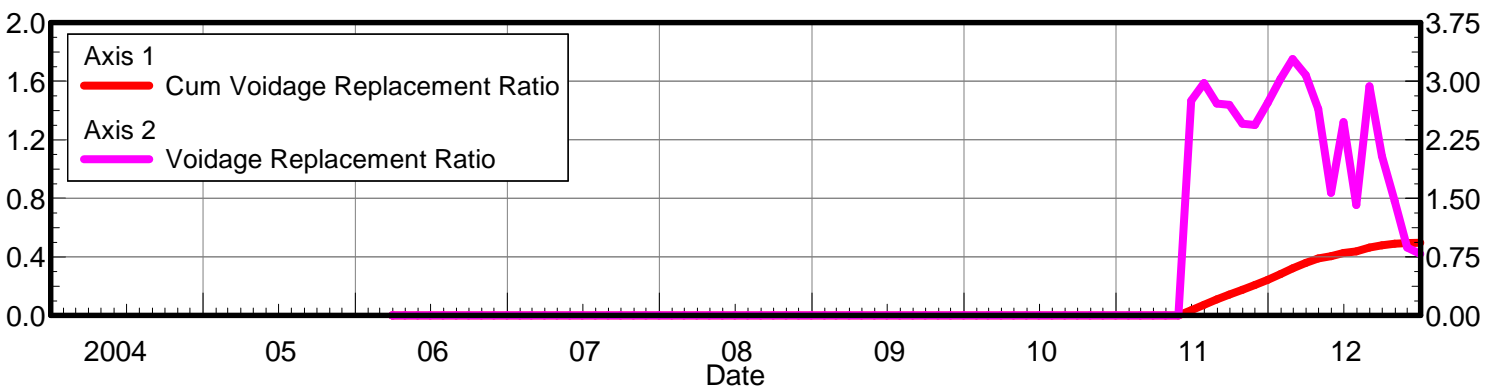
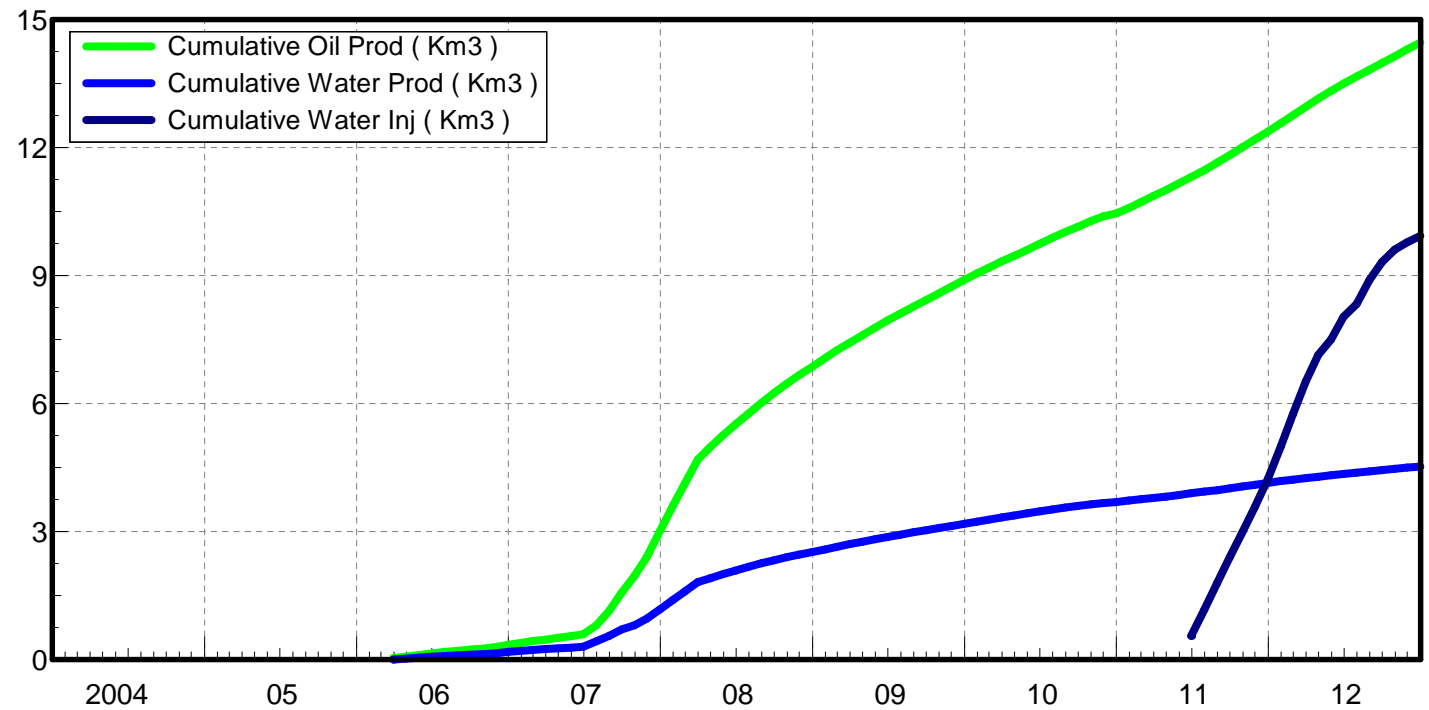
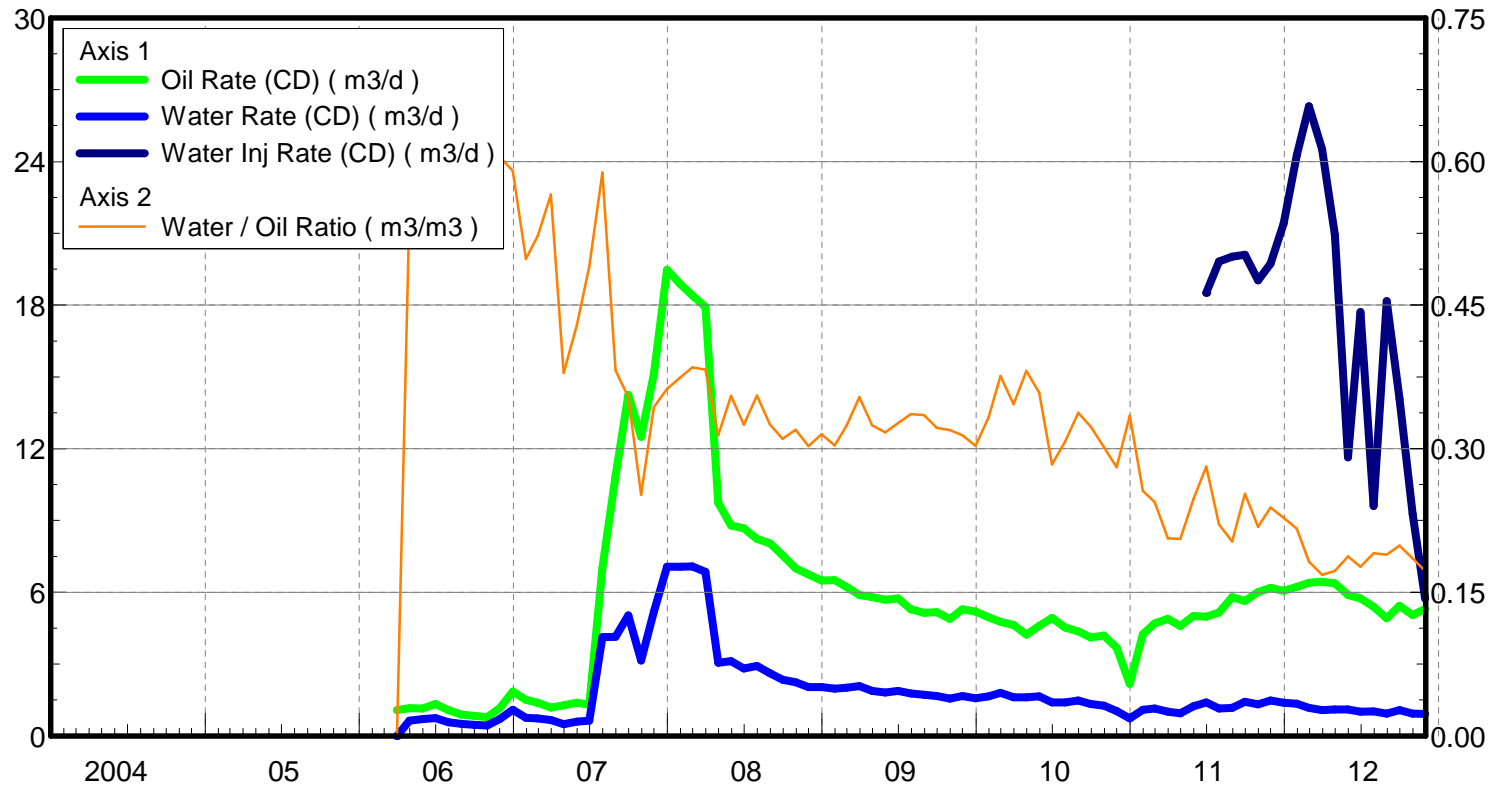
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 5.11 m3/d

Water Rate (CD) : 0.90 m3/d

Water Inj Rate (CD) : 5.03 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
3/31/2006	1.07	0.00	0.00		0.03	0.00	0.00	0.000	0.000
4/30/2006	1.16	0.64	0.55		0.07	0.02	0.00	0.000	0.000
5/31/2006	1.14	0.70	0.62		0.10	0.04	0.00	0.000	0.000
6/30/2006	1.33	0.75	0.56		0.14	0.06	0.00	0.000	0.000
7/31/2006	1.07	0.56	0.53		0.18	0.08	0.00	0.000	0.000
8/31/2006	0.89	0.50	0.56		0.20	0.10	0.00	0.000	0.000
9/30/2006	0.83	0.47	0.56		0.23	0.11	0.00	0.000	0.000
10/31/2006	0.79	0.44	0.56		0.25	0.12	0.00	0.000	0.000
11/30/2006	1.16	0.70	0.60		0.29	0.14	0.00	0.000	0.000
12/31/2006	1.85	1.09	0.59		0.35	0.18	0.00	0.000	0.000
1/31/2007	1.51	0.75	0.50		0.39	0.20	0.00	0.000	0.000
2/28/2007	1.39	0.73	0.52		0.43	0.22	0.00	0.000	0.000
3/31/2007	1.18	0.67	0.57		0.47	0.24	0.00	0.000	0.000
4/30/2007	1.28	0.49	0.38		0.51	0.26	0.00	0.000	0.000
5/31/2007	1.38	0.59	0.43		0.55	0.28	0.00	0.000	0.000
6/30/2007	1.30	0.64	0.49		0.59	0.30	0.00	0.000	0.000
7/31/2007	7.01	4.12	0.59		0.81	0.42	0.00	0.000	0.000
8/31/2007	10.85	4.15	0.38		1.14	0.55	0.00	0.000	0.000
9/30/2007	14.24	5.04	0.35		1.57	0.70	0.00	0.000	0.000
10/31/2007	12.50	3.15	0.25		1.96	0.80	0.00	0.000	0.000
11/30/2007	15.13	5.20	0.34		2.41	0.96	0.00	0.000	0.000
12/31/2007	19.48	7.06	0.36		3.01	1.18	0.00	0.000	0.000
1/31/2008	18.89	7.07	0.37		3.60	1.39	0.00	0.000	0.000
2/29/2008	18.40	7.08	0.38		4.13	1.60	0.00	0.000	0.000
3/31/2008	17.93	6.86	0.38		4.69	1.81	0.00	0.000	0.000
4/30/2008	9.74	3.06	0.31		4.98	1.90	0.00	0.000	0.000
5/31/2008	8.79	3.12	0.36		5.25	2.00	0.00	0.000	0.000
6/30/2008	8.67	2.82	0.33		5.51	2.09	0.00	0.000	0.000
7/31/2008	8.23	2.93	0.36		5.77	2.18	0.00	0.000	0.000
8/31/2008	8.04	2.61	0.33		6.02	2.26	0.00	0.000	0.000
9/30/2008	7.55	2.34	0.31		6.25	2.33	0.00	0.000	0.000
10/31/2008	7.00	2.24	0.32		6.46	2.40	0.00	0.000	0.000
11/30/2008	6.75	2.04	0.30		6.66	2.46	0.00	0.000	0.000
12/31/2008	6.50	2.05	0.31		6.87	2.52	0.00	0.000	0.000
1/31/2009	6.50	1.97	0.30		7.07	2.58	0.00	0.000	0.000
2/28/2009	6.22	2.02	0.32		7.24	2.64	0.00	0.000	0.000
3/31/2009	5.89	2.09	0.35		7.42	2.70	0.00	0.000	0.000
4/30/2009	5.79	1.88	0.32		7.60	2.76	0.00	0.000	0.000
5/31/2009	5.70	1.81	0.32		7.78	2.82	0.00	0.000	0.000
6/30/2009	5.75	1.88	0.33		7.95	2.87	0.00	0.000	0.000
7/31/2009	5.29	1.78	0.34		8.11	2.93	0.00	0.000	0.000
8/31/2009	5.14	1.72	0.34		8.27	2.98	0.00	0.000	0.000
9/30/2009	5.17	1.67	0.32		8.43	3.03	0.00	0.000	0.000
10/31/2009	4.88	1.56	0.32		8.58	3.08	0.00	0.000	0.000
11/30/2009	5.29	1.66	0.31		8.74	3.13	0.00	0.000	0.000
12/31/2009	5.19	1.57	0.30		8.90	3.18	0.00	0.000	0.000
1/31/2010	4.95	1.65	0.33		9.05	3.23	0.00	0.000	0.000
2/28/2010	4.77	1.79	0.38		9.18	3.28	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
3/31/2010	4.64	1.61	0.35		9.33	3.33	0.00	0.000	0.000
4/30/2010	4.23	1.61	0.38		9.46	3.38	0.00	0.000	0.000
5/31/2010	4.59	1.65	0.36		9.60	3.43	0.00	0.000	0.000
6/30/2010	4.93	1.40	0.28		9.75	3.47	0.00	0.000	0.000
7/31/2010	4.53	1.39	0.31		9.89	3.51	0.00	0.000	0.000
8/31/2010	4.37	1.47	0.34		10.02	3.56	0.00	0.000	0.000
9/30/2010	4.12	1.33	0.32		10.14	3.60	0.00	0.000	0.000
10/31/2010	4.19	1.26	0.30		10.27	3.64	0.00	0.000	0.000
11/30/2010	3.68	1.03	0.28		10.39	3.67	0.00	0.000	0.000
12/31/2010	2.18	0.73	0.33		10.45	3.69	0.00	0.000	0.000
1/31/2011	4.24	1.09	0.26		10.58	3.73	0.00	0.000	0.000
2/28/2011	4.70	1.15	0.24		10.72	3.76	0.00	0.000	0.000
3/31/2011	4.89	1.01	0.21		10.87	3.79	0.00	0.000	0.000
4/30/2011	4.59	0.94	0.21		11.01	3.82	0.00	0.000	0.000
5/31/2011	5.01	1.24	0.25		11.16	3.86	0.00	0.000	0.000
6/30/2011	4.99	1.40	0.28	18.52	11.31	3.90	0.56	2.750	0.035
7/31/2011	5.16	1.14	0.22	19.82	11.47	3.93	1.17	2.976	0.072
8/31/2011	5.80	1.18	0.20	20.02	11.65	3.97	1.79	2.712	0.109
9/30/2011	5.64	1.43	0.25	20.11	11.82	4.01	2.39	2.698	0.144
10/31/2011	6.01	1.31	0.22	19.03	12.01	4.05	2.98	2.457	0.177
11/30/2011	6.18	1.47	0.24	19.73	12.19	4.10	3.58	2.442	0.209
12/31/2011	6.06	1.38	0.23	21.42	12.38	4.14	4.24	2.724	0.244
1/31/2012	6.22	1.35	0.22	24.26	12.57	4.18	4.99	3.031	0.283
2/29/2012	6.41	1.17	0.18	26.31	12.76	4.22	5.75	3.283	0.322
3/31/2012	6.44	1.08	0.17	24.52	12.96	4.25	6.51	3.078	0.360
4/30/2012	6.37	1.10	0.17	20.93	13.15	4.28	7.14	2.646	0.389
5/31/2012	5.89	1.10	0.19	11.65	13.33	4.32	7.50	1.573	0.404
6/30/2012	5.74	1.01	0.18	17.71	13.50	4.35	8.04	2.475	0.428
7/31/2012	5.40	1.03	0.19	9.61	13.67	4.38	8.33	1.414	0.439
8/31/2012	4.91	0.93	0.19	18.16	13.82	4.41	8.90	2.936	0.464
9/30/2012	5.44	1.08	0.20	14.09	13.99	4.44	9.32	2.044	0.480
10/31/2012	5.05	0.94	0.19	9.27	14.14	4.47	9.61	1.464	0.490
11/30/2012	5.30	0.91	0.17	5.73	14.30	4.50	9.78	0.871	0.494
12/31/2012	5.11	0.90	0.18	5.03	14.46	4.52	9.93	0.789	0.497

# Pattern: 02/09-30-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.22 m3/m3

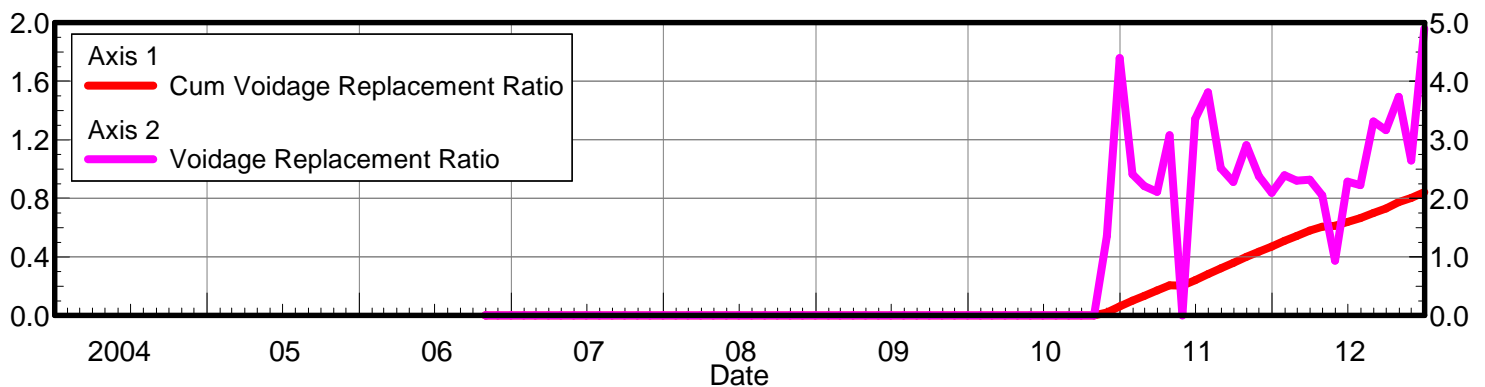
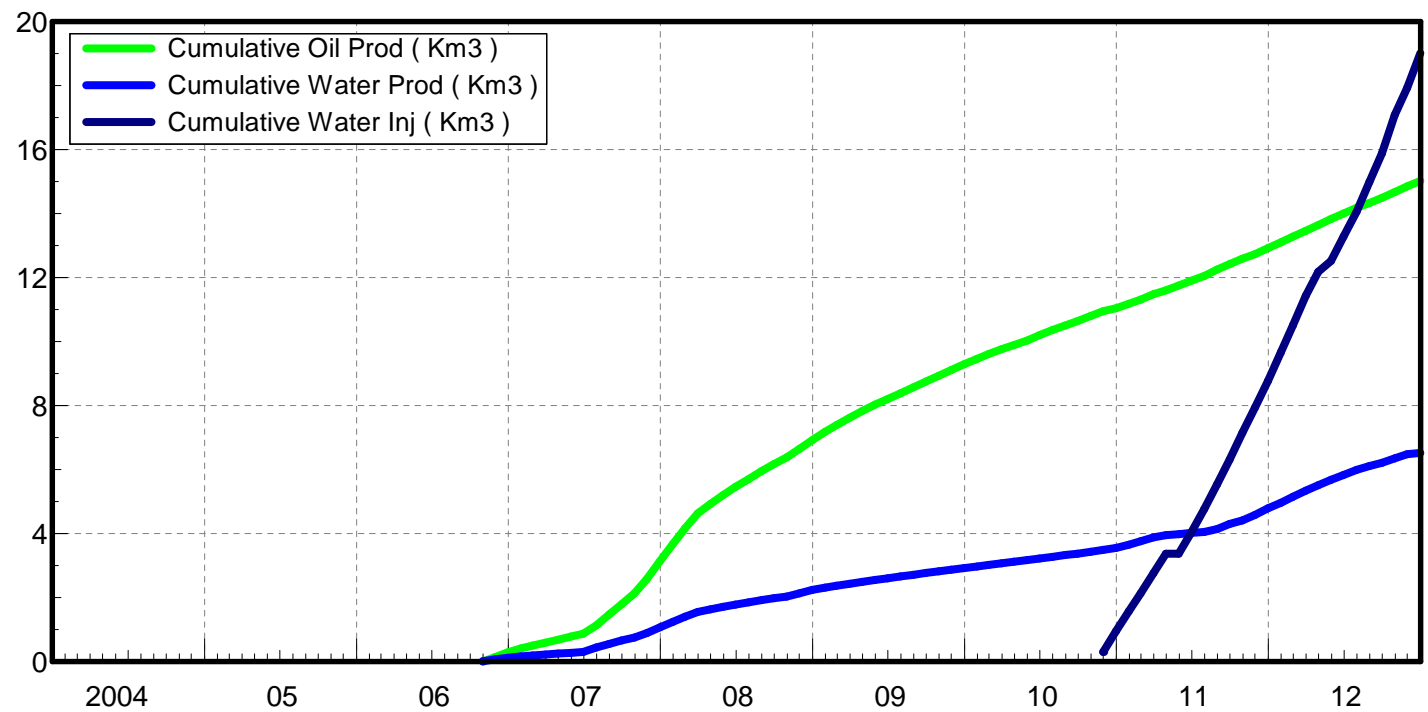
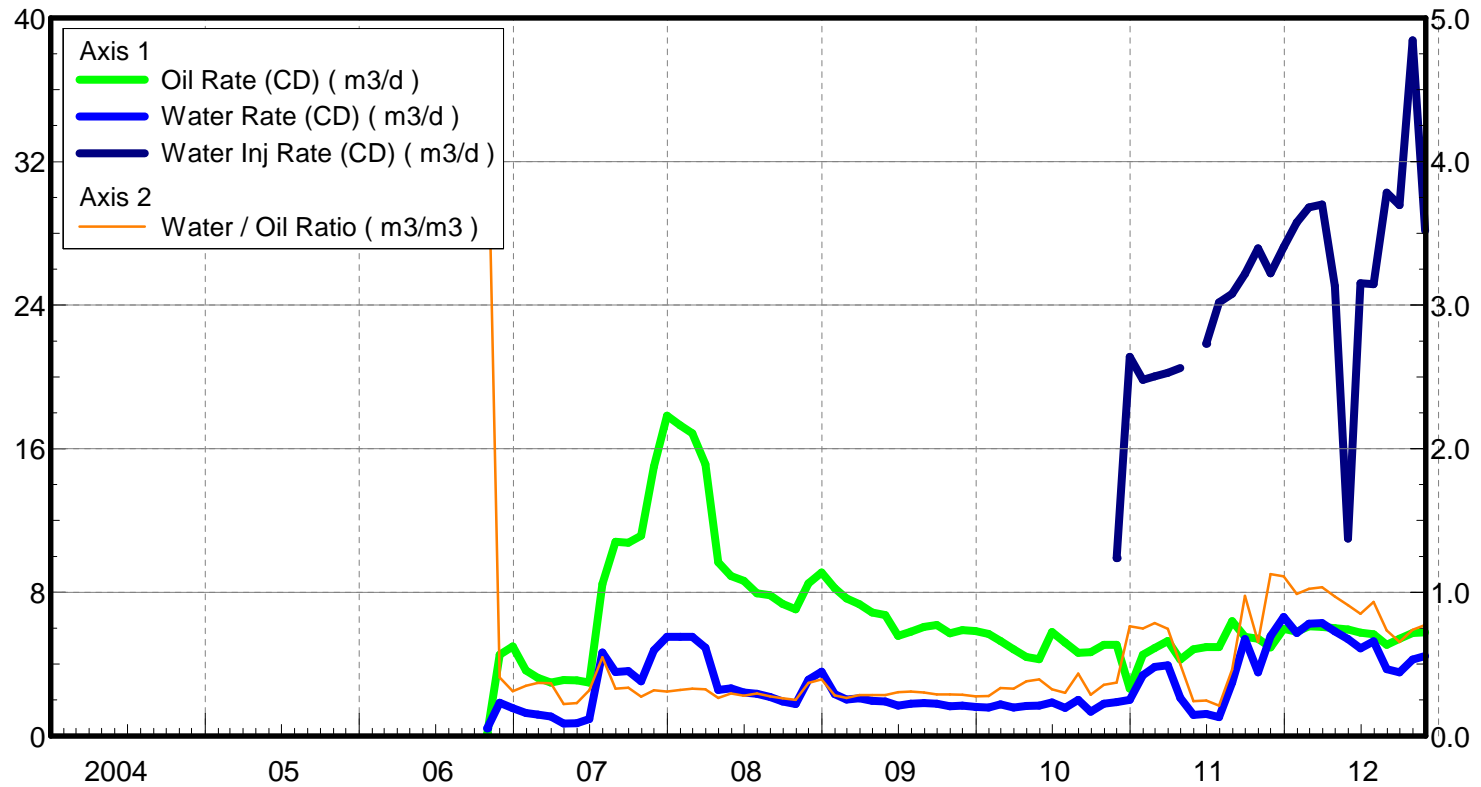
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 5.54 m3/d

Water Rate (CD) : 1.22 m3/d

Water Inj Rate (CD) : 34.98 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
10/31/2006	0.09	0.42	4.50		0.00	0.01	0.00	0.000	0.000
11/30/2006	4.52	1.85	0.41		0.14	0.07	0.00	0.000	0.000
12/31/2006	4.99	1.55	0.31		0.29	0.12	0.00	0.000	0.000
1/31/2007	3.64	1.27	0.35		0.41	0.16	0.00	0.000	0.000
2/28/2007	3.23	1.19	0.37		0.50	0.19	0.00	0.000	0.000
3/31/2007	2.96	1.09	0.37		0.59	0.22	0.00	0.000	0.000
4/30/2007	3.12	0.69	0.22		0.68	0.24	0.00	0.000	0.000
5/31/2007	3.10	0.71	0.23		0.78	0.27	0.00	0.000	0.000
6/30/2007	2.97	0.94	0.32		0.87	0.29	0.00	0.000	0.000
7/31/2007	8.46	4.64	0.55		1.13	0.44	0.00	0.000	0.000
8/31/2007	10.81	3.56	0.33		1.46	0.55	0.00	0.000	0.000
9/30/2007	10.76	3.61	0.34		1.79	0.66	0.00	0.000	0.000
10/31/2007	11.16	3.04	0.27		2.13	0.75	0.00	0.000	0.000
11/30/2007	15.01	4.77	0.32		2.58	0.89	0.00	0.000	0.000
12/31/2007	17.84	5.51	0.31		3.14	1.06	0.00	0.000	0.000
1/31/2008	17.30	5.52	0.32		3.67	1.24	0.00	0.000	0.000
2/29/2008	16.86	5.53	0.33		4.16	1.40	0.00	0.000	0.000
3/31/2008	15.12	4.91	0.32		4.63	1.55	0.00	0.000	0.000
4/30/2008	9.67	2.56	0.26		4.92	1.62	0.00	0.000	0.000
5/31/2008	8.91	2.64	0.30		5.20	1.71	0.00	0.000	0.000
6/30/2008	8.65	2.42	0.28		5.46	1.78	0.00	0.000	0.000
7/31/2008	7.95	2.35	0.30		5.70	1.85	0.00	0.000	0.000
8/31/2008	7.84	2.17	0.28		5.95	1.92	0.00	0.000	0.000
9/30/2008	7.36	1.93	0.26		6.17	1.98	0.00	0.000	0.000
10/31/2008	7.05	1.77	0.25		6.38	2.03	0.00	0.000	0.000
11/30/2008	8.49	3.13	0.37		6.64	2.13	0.00	0.000	0.000
12/31/2008	9.11	3.58	0.39		6.92	2.24	0.00	0.000	0.000
1/31/2009	8.23	2.32	0.28		7.18	2.31	0.00	0.000	0.000
2/28/2009	7.66	2.02	0.26		7.39	2.37	0.00	0.000	0.000
3/31/2009	7.34	2.09	0.28		7.62	2.43	0.00	0.000	0.000
4/30/2009	6.88	1.96	0.28		7.83	2.49	0.00	0.000	0.000
5/31/2009	6.73	1.91	0.28		8.03	2.55	0.00	0.000	0.000
6/30/2009	5.57	1.69	0.30		8.20	2.60	0.00	0.000	0.000
7/31/2009	5.81	1.80	0.31		8.38	2.65	0.00	0.000	0.000
8/31/2009	6.07	1.84	0.30		8.57	2.71	0.00	0.000	0.000
9/30/2009	6.18	1.79	0.29		8.75	2.77	0.00	0.000	0.000
10/31/2009	5.72	1.65	0.29		8.93	2.82	0.00	0.000	0.000
11/30/2009	5.90	1.69	0.29		9.11	2.87	0.00	0.000	0.000
12/31/2009	5.84	1.61	0.28		9.29	2.92	0.00	0.000	0.000
1/31/2010	5.67	1.58	0.28		9.47	2.97	0.00	0.000	0.000
2/28/2010	5.29	1.76	0.33		9.61	3.02	0.00	0.000	0.000
3/31/2010	4.83	1.59	0.33		9.76	3.06	0.00	0.000	0.000
4/30/2010	4.39	1.67	0.38		9.90	3.11	0.00	0.000	0.000
5/31/2010	4.26	1.68	0.39		10.03	3.17	0.00	0.000	0.000
6/30/2010	5.78	1.87	0.32		10.20	3.22	0.00	0.000	0.000
7/31/2010	5.20	1.57	0.30		10.36	3.27	0.00	0.000	0.000
8/31/2010	4.63	2.01	0.43		10.51	3.33	0.00	0.000	0.000
9/30/2010	4.67	1.34	0.29		10.65	3.37	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
10/31/2010	5.07	1.80	0.36		10.80	3.43	0.00	0.000	0.000
11/30/2010	5.08	1.88	0.37	9.91	10.96	3.49	0.30	1.355	0.020
12/31/2010	2.62	2.00	0.76	21.12	11.04	3.55	0.95	4.393	0.062
1/31/2011	4.52	3.39	0.75	19.84	11.18	3.65	1.57	2.413	0.100
2/28/2011	4.89	3.84	0.79	20.04	11.31	3.76	2.13	2.209	0.134
3/31/2011	5.29	3.94	0.74	20.23	11.48	3.88	2.75	2.109	0.171
4/30/2011	4.25	2.11	0.50	20.50	11.60	3.95	3.37	3.081	0.206
5/31/2011	4.82	1.16	0.24		11.75	3.98	3.37	0.000	0.204
6/30/2011	4.95	1.22	0.25	21.85	11.90	4.02	4.03	3.359	0.240
7/31/2011	4.95	1.04	0.21	24.16	12.06	4.05	4.77	3.811	0.282
8/31/2011	6.39	2.96	0.46	24.64	12.25	4.14	5.54	2.516	0.321
9/30/2011	5.52	5.39	0.98	25.74	12.42	4.30	6.31	2.280	0.359
10/31/2011	5.41	3.54	0.65	27.16	12.59	4.41	7.15	2.911	0.400
11/30/2011	4.93	5.55	1.13	25.77	12.74	4.58	7.93	2.380	0.435
12/31/2011	5.96	6.62	1.11	27.23	12.92	4.79	8.77	2.094	0.471
1/31/2012	5.80	5.74	0.99	28.61	13.10	4.96	9.66	2.395	0.509
2/29/2012	6.11	6.25	1.02	29.45	13.28	5.15	10.51	2.304	0.543
3/31/2012	6.07	6.28	1.04	29.61	13.47	5.34	11.43	2.319	0.579
4/30/2012	6.00	5.82	0.97	25.07	13.65	5.51	12.18	2.049	0.606
5/31/2012	5.92	5.39	0.91	11.00	13.83	5.68	12.52	0.938	0.612
6/30/2012	5.75	4.88	0.85	25.23	14.00	5.83	13.28	2.287	0.638
7/31/2012	5.65	5.27	0.93	25.16	14.18	5.99	14.06	2.223	0.665
8/31/2012	5.07	3.72	0.73	30.26	14.33	6.11	15.00	3.312	0.700
9/30/2012	5.42	3.54	0.65	29.56	14.50	6.21	15.88	3.166	0.731
10/31/2012	5.74	4.25	0.74	38.75	14.67	6.35	17.08	3.732	0.775
11/30/2012	5.77	4.46	0.77	28.14	14.85	6.48	17.93	2.647	0.802
12/31/2012	5.54	1.22	0.22	34.98	15.02	6.52	19.01	4.899	0.842

# Pattern: 03/14-30-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.22 m3/m3

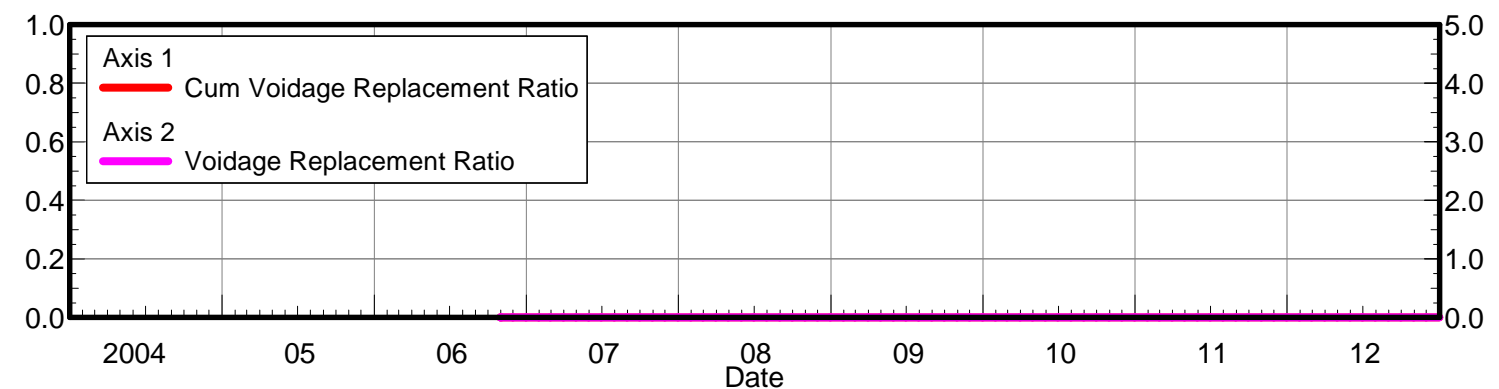
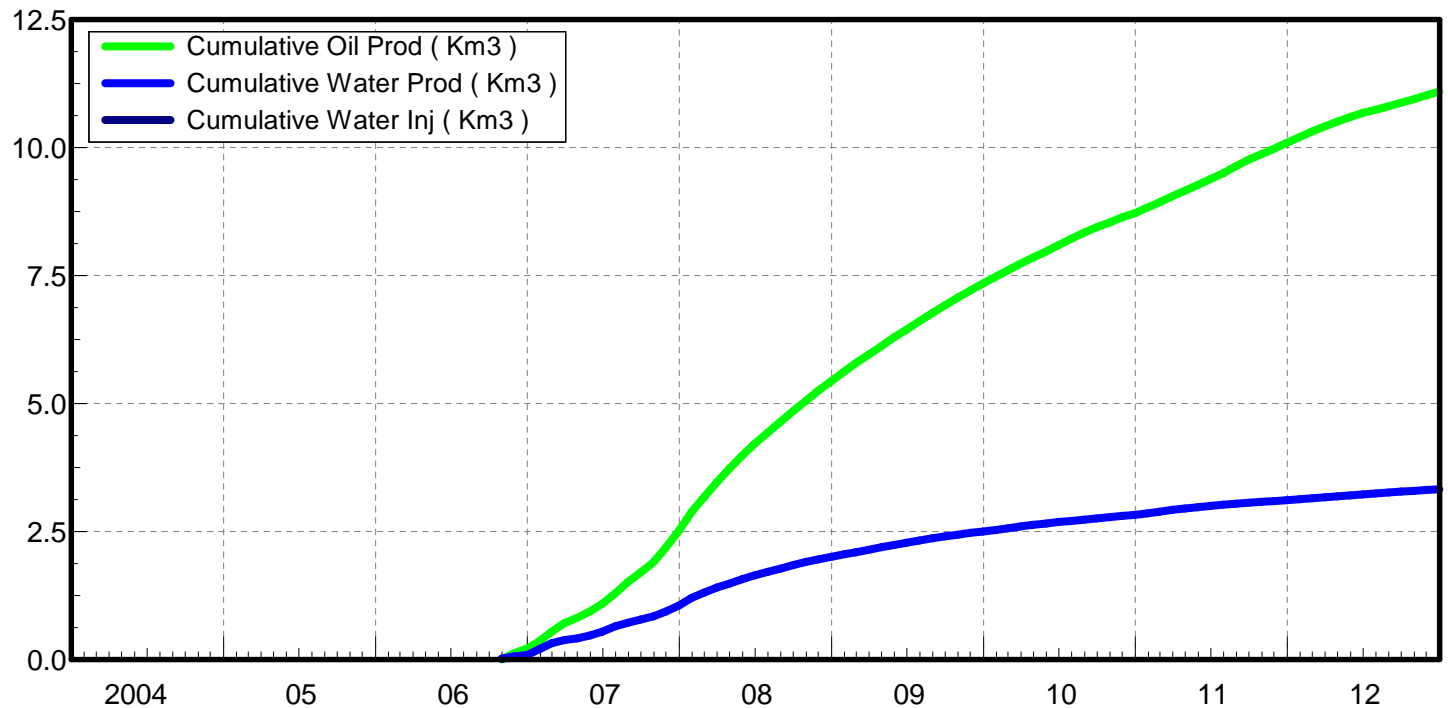
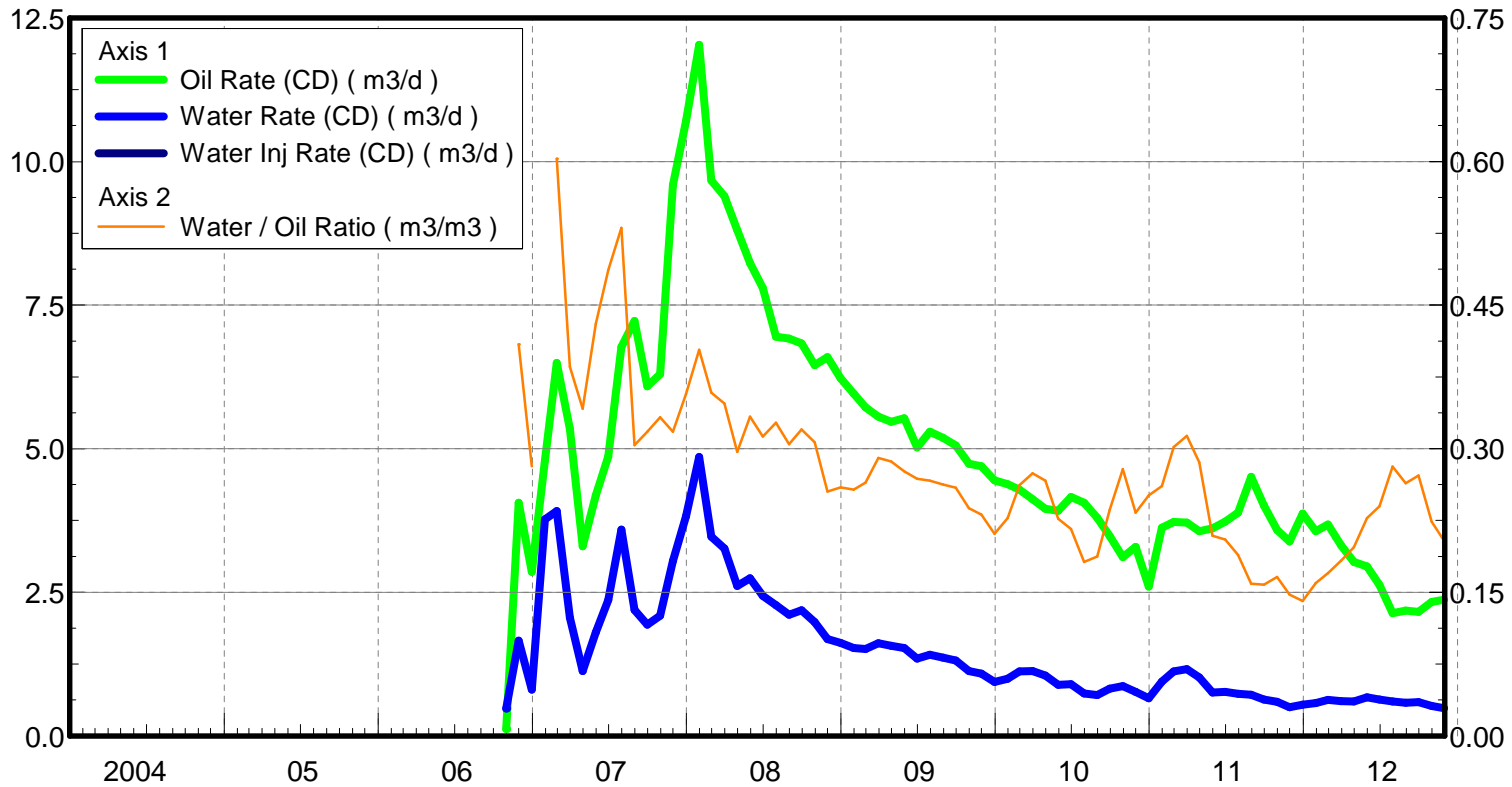
March 15, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 2.49 m3/d

Water Rate (CD) : 0.56 m3/d

Water Inj Rate (CD) : \* 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
10/31/2006	0.12	0.48	3.88		0.00	0.01	0.00	0.000	0.000
11/30/2006	4.06	1.66	0.41		0.13	0.06	0.00	0.000	0.000
12/31/2006	2.86	0.80	0.28		0.21	0.09	0.00	0.000	0.000
1/31/2007	4.80	3.77	0.79		0.36	0.21	0.00	0.000	0.000
2/28/2007	6.49	3.91	0.60		0.54	0.32	0.00	0.000	0.000
3/31/2007	5.34	2.06	0.39		0.71	0.38	0.00	0.000	0.000
4/30/2007	3.30	1.13	0.34		0.81	0.41	0.00	0.000	0.000
5/31/2007	4.19	1.80	0.43		0.94	0.47	0.00	0.000	0.000
6/30/2007	4.87	2.37	0.49		1.09	0.54	0.00	0.000	0.000
7/31/2007	6.77	3.59	0.53		1.29	0.65	0.00	0.000	0.000
8/31/2007	7.23	2.20	0.30		1.52	0.72	0.00	0.000	0.000
9/30/2007	6.09	1.94	0.32		1.70	0.78	0.00	0.000	0.000
10/31/2007	6.30	2.10	0.33		1.90	0.84	0.00	0.000	0.000
11/30/2007	9.59	3.05	0.32		2.18	0.93	0.00	0.000	0.000
12/31/2007	10.71	3.82	0.36		2.52	1.05	0.00	0.000	0.000
1/31/2008	12.03	4.85	0.40		2.89	1.20	0.00	0.000	0.000
2/29/2008	9.67	3.47	0.36		3.17	1.30	0.00	0.000	0.000
3/31/2008	9.40	3.26	0.35		3.46	1.41	0.00	0.000	0.000
4/30/2008	8.80	2.61	0.30		3.73	1.48	0.00	0.000	0.000
5/31/2008	8.23	2.75	0.33		3.98	1.57	0.00	0.000	0.000
6/30/2008	7.80	2.44	0.31		4.21	1.64	0.00	0.000	0.000
7/31/2008	6.95	2.27	0.33		4.43	1.71	0.00	0.000	0.000
8/31/2008	6.91	2.11	0.30		4.64	1.78	0.00	0.000	0.000
9/30/2008	6.83	2.19	0.32		4.85	1.84	0.00	0.000	0.000
10/31/2008	6.45	1.98	0.31		5.05	1.90	0.00	0.000	0.000
11/30/2008	6.59	1.68	0.26		5.25	1.96	0.00	0.000	0.000
12/31/2008	6.23	1.62	0.26		5.44	2.01	0.00	0.000	0.000
1/31/2009	5.96	1.53	0.26		5.63	2.05	0.00	0.000	0.000
2/28/2009	5.72	1.51	0.26		5.79	2.10	0.00	0.000	0.000
3/31/2009	5.56	1.61	0.29		5.96	2.15	0.00	0.000	0.000
4/30/2009	5.47	1.57	0.29		6.12	2.19	0.00	0.000	0.000
5/31/2009	5.53	1.53	0.28		6.29	2.24	0.00	0.000	0.000
6/30/2009	5.02	1.35	0.27		6.44	2.28	0.00	0.000	0.000
7/31/2009	5.30	1.41	0.27		6.61	2.32	0.00	0.000	0.000
8/31/2009	5.19	1.36	0.26		6.77	2.37	0.00	0.000	0.000
9/30/2009	5.06	1.31	0.26		6.92	2.41	0.00	0.000	0.000
10/31/2009	4.74	1.13	0.24		7.07	2.44	0.00	0.000	0.000
11/30/2009	4.70	1.09	0.23		7.21	2.47	0.00	0.000	0.000
12/31/2009	4.45	0.94	0.21		7.35	2.50	0.00	0.000	0.000
1/31/2010	4.38	1.00	0.23		7.48	2.53	0.00	0.000	0.000
2/28/2010	4.29	1.12	0.26		7.60	2.56	0.00	0.000	0.000
3/31/2010	4.12	1.13	0.27		7.73	2.60	0.00	0.000	0.000
4/30/2010	3.95	1.05	0.27		7.85	2.63	0.00	0.000	0.000
5/31/2010	3.92	0.89	0.23		7.97	2.66	0.00	0.000	0.000
6/30/2010	4.16	0.90	0.22		8.09	2.69	0.00	0.000	0.000
7/31/2010	4.06	0.74	0.18		8.22	2.71	0.00	0.000	0.000
8/31/2010	3.80	0.71	0.19		8.34	2.73	0.00	0.000	0.000
9/30/2010	3.48	0.82	0.24		8.44	2.75	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
10/31/2010	3.11	0.87	0.28		8.54	2.78	0.00	0.000	0.000
11/30/2010	3.29	0.77	0.23		8.64	2.80	0.00	0.000	0.000
12/31/2010	2.60	0.65	0.25		8.72	2.83	0.00	0.000	0.000
1/31/2011	3.62	0.95	0.26		8.83	2.85	0.00	0.000	0.000
2/28/2011	3.73	1.13	0.30		8.94	2.89	0.00	0.000	0.000
3/31/2011	3.72	1.16	0.31		9.05	2.92	0.00	0.000	0.000
4/30/2011	3.56	1.02	0.29		9.16	2.95	0.00	0.000	0.000
5/31/2011	3.62	0.76	0.21		9.27	2.98	0.00	0.000	0.000
6/30/2011	3.73	0.77	0.21		9.38	3.00	0.00	0.000	0.000
7/31/2011	3.88	0.73	0.19		9.50	3.02	0.00	0.000	0.000
8/31/2011	4.51	0.72	0.16		9.64	3.04	0.00	0.000	0.000
9/30/2011	4.01	0.63	0.16		9.76	3.06	0.00	0.000	0.000
10/31/2011	3.58	0.60	0.17		9.87	3.08	0.00	0.000	0.000
11/30/2011	3.39	0.50	0.15		9.97	3.10	0.00	0.000	0.000
12/31/2011	3.87	0.55	0.14		10.09	3.11	0.00	0.000	0.000
1/31/2012	3.56	0.57	0.16		10.20	3.13	0.00	0.000	0.000
2/29/2012	3.68	0.63	0.17		10.31	3.15	0.00	0.000	0.000
3/31/2012	3.32	0.61	0.18		10.41	3.17	0.00	0.000	0.000
4/30/2012	3.03	0.60	0.20		10.51	3.19	0.00	0.000	0.000
5/31/2012	2.95	0.67	0.23		10.60	3.21	0.00	0.000	0.000
6/30/2012	2.63	0.63	0.24		10.68	3.23	0.00	0.000	0.000
7/31/2012	2.14	0.60	0.28		10.74	3.24	0.00	0.000	0.000
8/31/2012	2.18	0.58	0.26		10.81	3.26	0.00	0.000	0.000
9/30/2012	2.16	0.59	0.27		10.87	3.28	0.00	0.000	0.000
10/31/2012	2.33	0.52	0.22		10.95	3.30	0.00	0.000	0.000
11/30/2012	2.37	0.48	0.20		11.02	3.31	0.00	0.000	0.000
12/31/2012	2.49	0.56	0.22		11.09	3.33	0.00	0.000	0.000

# Pattern: 02/16-30-007-28Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.32 m3/m3

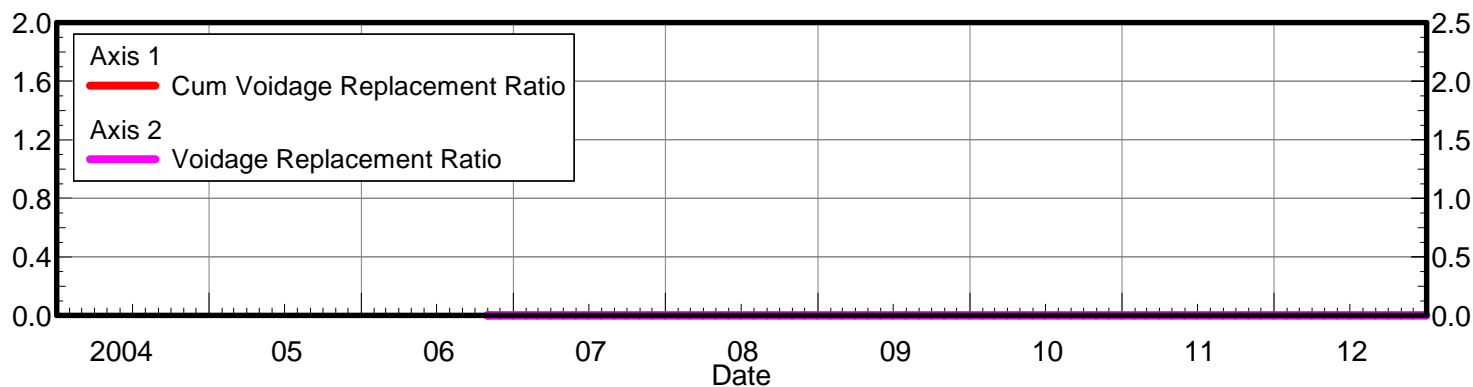
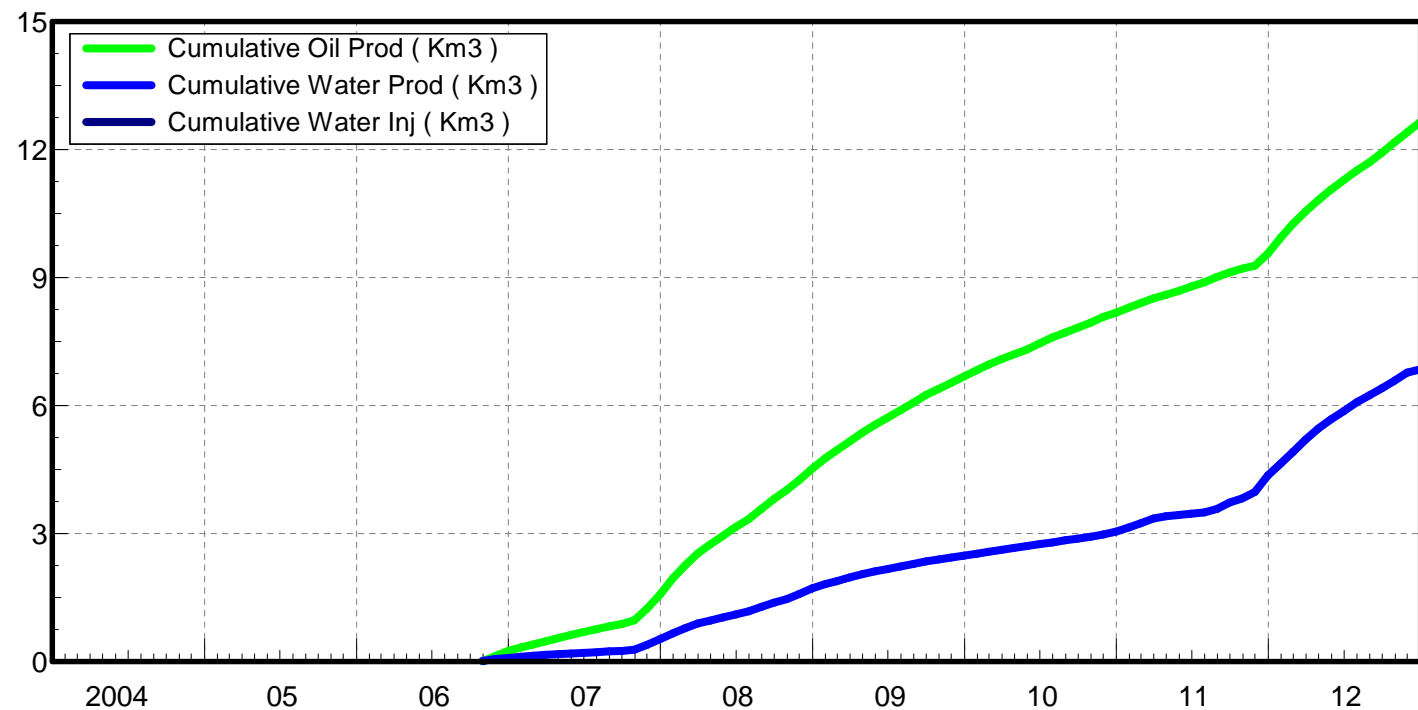
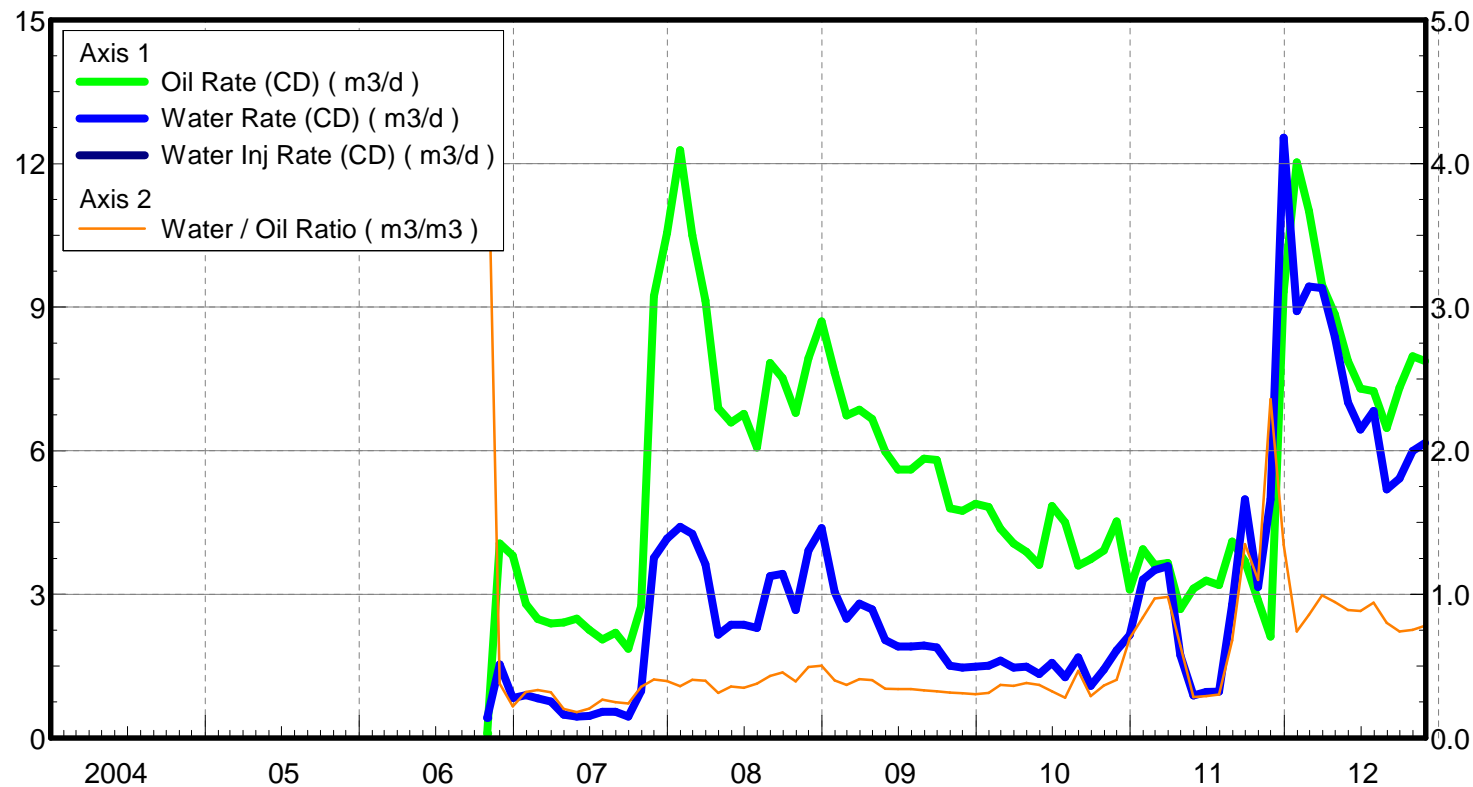
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 7.71 m3/d

Water Rate (CD) : 2.44 m3/d

Water Inj Rate (CD) : \* 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
10/31/2006	0.09	0.42	4.50		0.00	0.01	0.00	0.000	0.000
11/30/2006	4.06	1.54	0.38		0.12	0.06	0.00	0.000	0.000
12/31/2006	3.81	0.84	0.22		0.24	0.09	0.00	0.000	0.000
1/31/2007	2.80	0.90	0.32		0.33	0.11	0.00	0.000	0.000
2/28/2007	2.48	0.83	0.33		0.40	0.14	0.00	0.000	0.000
3/31/2007	2.39	0.76	0.32		0.47	0.16	0.00	0.000	0.000
4/30/2007	2.41	0.48	0.20		0.55	0.17	0.00	0.000	0.000
5/31/2007	2.49	0.45	0.18		0.62	0.19	0.00	0.000	0.000
6/30/2007	2.26	0.46	0.20		0.69	0.20	0.00	0.000	0.000
7/31/2007	2.05	0.55	0.27		0.75	0.22	0.00	0.000	0.000
8/31/2007	2.20	0.55	0.25		0.82	0.24	0.00	0.000	0.000
9/30/2007	1.86	0.45	0.24		0.88	0.25	0.00	0.000	0.000
10/31/2007	2.75	0.98	0.36		0.96	0.28	0.00	0.000	0.000
11/30/2007	9.23	3.76	0.41		1.24	0.39	0.00	0.000	0.000
12/31/2007	10.55	4.16	0.39		1.57	0.52	0.00	0.000	0.000
1/31/2008	12.28	4.41	0.36		1.95	0.66	0.00	0.000	0.000
2/29/2008	10.50	4.26	0.41		2.25	0.78	0.00	0.000	0.000
3/31/2008	9.14	3.63	0.40		2.54	0.89	0.00	0.000	0.000
4/30/2008	6.89	2.15	0.31		2.74	0.96	0.00	0.000	0.000
5/31/2008	6.59	2.36	0.36		2.95	1.03	0.00	0.000	0.000
6/30/2008	6.77	2.36	0.35		3.15	1.10	0.00	0.000	0.000
7/31/2008	6.07	2.30	0.38		3.34	1.17	0.00	0.000	0.000
8/31/2008	7.84	3.38	0.43		3.58	1.28	0.00	0.000	0.000
9/30/2008	7.52	3.42	0.46		3.81	1.38	0.00	0.000	0.000
10/31/2008	6.79	2.67	0.39		4.02	1.46	0.00	0.000	0.000
11/30/2008	7.93	3.92	0.49		4.25	1.58	0.00	0.000	0.000
12/31/2008	8.70	4.38	0.50		4.52	1.72	0.00	0.000	0.000
1/31/2009	7.63	3.05	0.40		4.76	1.81	0.00	0.000	0.000
2/28/2009	6.74	2.49	0.37		4.95	1.88	0.00	0.000	0.000
3/31/2009	6.85	2.80	0.41		5.16	1.97	0.00	0.000	0.000
4/30/2009	6.66	2.68	0.40		5.36	2.05	0.00	0.000	0.000
5/31/2009	5.98	2.04	0.34		5.55	2.11	0.00	0.000	0.000
6/30/2009	5.61	1.91	0.34		5.72	2.17	0.00	0.000	0.000
7/31/2009	5.60	1.91	0.34		5.89	2.23	0.00	0.000	0.000
8/31/2009	5.83	1.93	0.33		6.07	2.29	0.00	0.000	0.000
9/30/2009	5.80	1.89	0.33		6.24	2.35	0.00	0.000	0.000
10/31/2009	4.80	1.51	0.31		6.39	2.39	0.00	0.000	0.000
11/30/2009	4.74	1.47	0.31		6.53	2.44	0.00	0.000	0.000
12/31/2009	4.89	1.49	0.30		6.69	2.48	0.00	0.000	0.000
1/31/2010	4.82	1.51	0.31		6.84	2.53	0.00	0.000	0.000
2/28/2010	4.37	1.61	0.37		6.96	2.57	0.00	0.000	0.000
3/31/2010	4.06	1.47	0.36		7.08	2.62	0.00	0.000	0.000
4/30/2010	3.89	1.49	0.38		7.20	2.66	0.00	0.000	0.000
5/31/2010	3.61	1.33	0.37		7.31	2.71	0.00	0.000	0.000
6/30/2010	4.84	1.57	0.32		7.46	2.75	0.00	0.000	0.000
7/31/2010	4.50	1.26	0.28		7.60	2.79	0.00	0.000	0.000
8/31/2010	3.60	1.68	0.47		7.71	2.84	0.00	0.000	0.000
9/30/2010	3.73	1.09	0.29		7.82	2.88	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
10/31/2010	3.91	1.43	0.37		7.94	2.92	0.00	0.000	0.000
11/30/2010	4.52	1.83	0.40		8.08	2.98	0.00	0.000	0.000
12/31/2010	3.10	2.15	0.69		8.17	3.04	0.00	0.000	0.000
1/31/2011	3.94	3.30	0.84		8.30	3.15	0.00	0.000	0.000
2/28/2011	3.62	3.51	0.97		8.40	3.24	0.00	0.000	0.000
3/31/2011	3.66	3.59	0.98		8.51	3.35	0.00	0.000	0.000
4/30/2011	2.69	1.73	0.64		8.59	3.41	0.00	0.000	0.000
5/31/2011	3.12	0.89	0.29		8.69	3.43	0.00	0.000	0.000
6/30/2011	3.29	0.96	0.29		8.79	3.46	0.00	0.000	0.000
7/31/2011	3.19	0.96	0.30		8.89	3.49	0.00	0.000	0.000
8/31/2011	4.10	2.78	0.68		9.01	3.58	0.00	0.000	0.000
9/30/2011	3.69	4.99	1.35		9.12	3.73	0.00	0.000	0.000
10/31/2011	2.87	3.15	1.10		9.21	3.83	0.00	0.000	0.000
11/30/2011	2.11	4.98	2.36		9.28	3.98	0.00	0.000	0.000
12/31/2011	9.32	12.54	1.35		9.57	4.36	0.00	0.000	0.000
1/31/2012	12.02	8.92	0.74		9.94	4.64	0.00	0.000	0.000
2/29/2012	11.01	9.43	0.86		10.26	4.91	0.00	0.000	0.000
3/31/2012	9.46	9.40	0.99		10.55	5.21	0.00	0.000	0.000
4/30/2012	8.85	8.37	0.95		10.82	5.46	0.00	0.000	0.000
5/31/2012	7.87	7.01	0.89		11.06	5.67	0.00	0.000	0.000
6/30/2012	7.29	6.44	0.88		11.28	5.87	0.00	0.000	0.000
7/31/2012	7.25	6.83	0.94		11.50	6.08	0.00	0.000	0.000
8/31/2012	6.48	5.19	0.80		11.70	6.24	0.00	0.000	0.000
9/30/2012	7.32	5.42	0.74		11.92	6.40	0.00	0.000	0.000
10/31/2012	7.98	5.99	0.75		12.17	6.59	0.00	0.000	0.000
11/30/2012	7.88	6.16	0.78		12.41	6.77	0.00	0.000	0.000
12/31/2012	7.71	2.44	0.32		12.65	6.85	0.00	0.000	0.000

# Pattern: 02/15-13-007-29Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.24 m3/m3

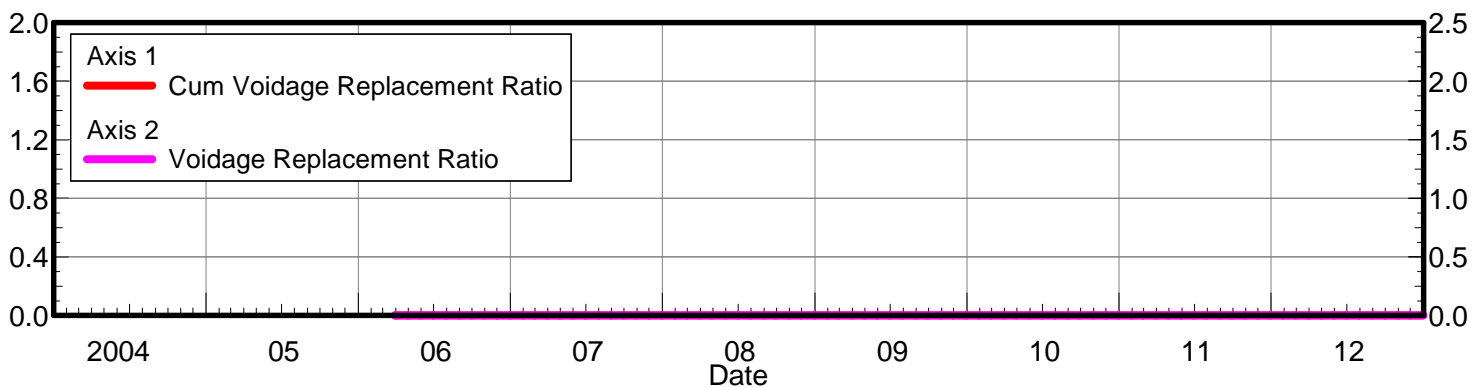
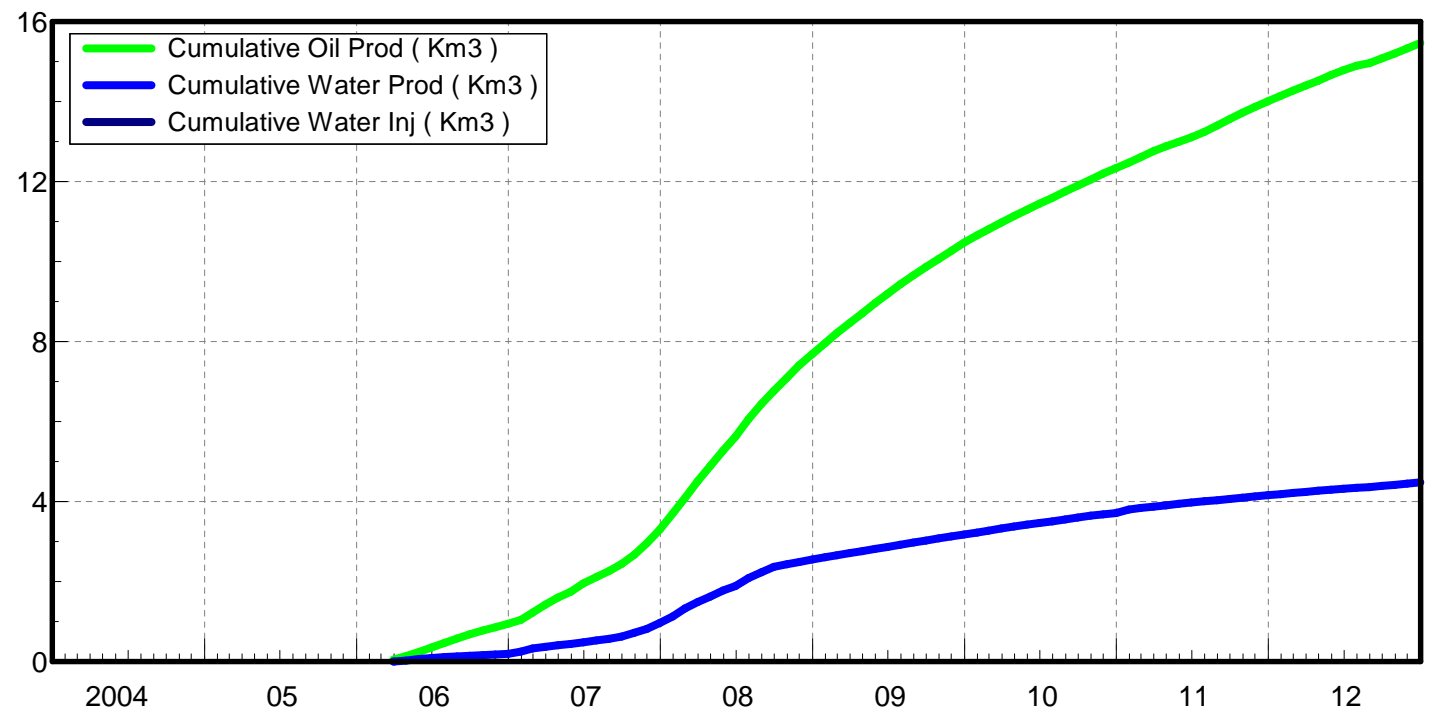
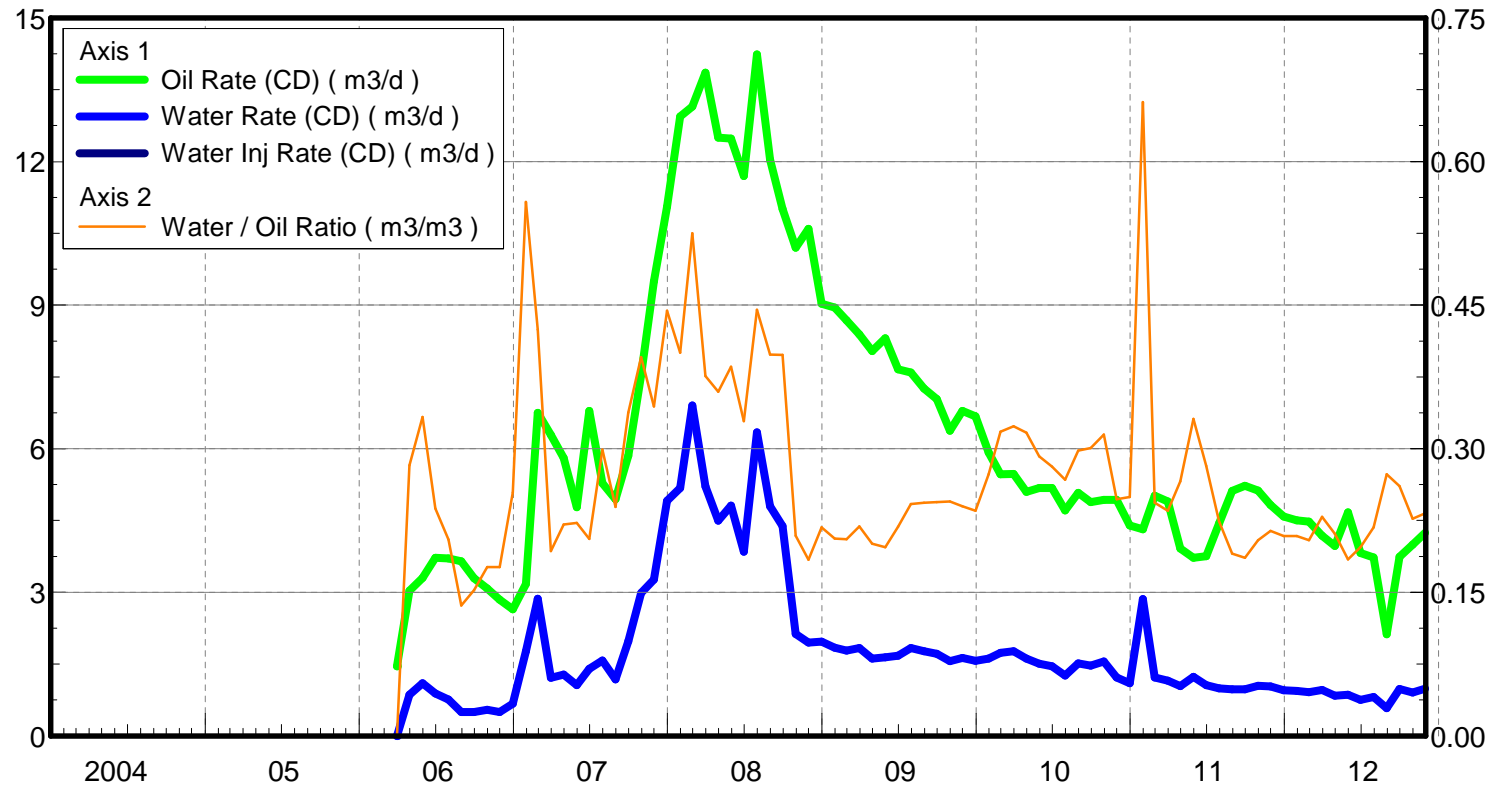
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 4.38 m3/d

Water Rate (CD) : 1.03 m3/d

Water Inj Rate (CD) : \* 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
3/31/2006	1.45	0.00	0.00		0.05	0.00	0.00	0.000	0.000
4/30/2006	3.03	0.86	0.28		0.14	0.03	0.00	0.000	0.000
5/31/2006	3.30	1.10	0.33		0.24	0.06	0.00	0.000	0.000
6/30/2006	3.72	0.89	0.24		0.35	0.09	0.00	0.000	0.000
7/31/2006	3.70	0.76	0.21		0.46	0.11	0.00	0.000	0.000
8/31/2006	3.65	0.50	0.14		0.58	0.13	0.00	0.000	0.000
9/30/2006	3.29	0.50	0.15		0.68	0.14	0.00	0.000	0.000
10/31/2006	3.08	0.54	0.18		0.77	0.16	0.00	0.000	0.000
11/30/2006	2.85	0.50	0.18		0.86	0.17	0.00	0.000	0.000
12/31/2006	2.65	0.67	0.25		0.94	0.19	0.00	0.000	0.000
1/31/2007	3.17	1.77	0.56		1.04	0.25	0.00	0.000	0.000
2/28/2007	6.75	2.87	0.42		1.23	0.33	0.00	0.000	0.000
3/31/2007	6.29	1.21	0.19		1.42	0.37	0.00	0.000	0.000
4/30/2007	5.81	1.28	0.22		1.60	0.40	0.00	0.000	0.000
5/31/2007	4.78	1.06	0.22		1.74	0.44	0.00	0.000	0.000
6/30/2007	6.79	1.40	0.21		1.95	0.48	0.00	0.000	0.000
7/31/2007	5.28	1.58	0.30		2.11	0.53	0.00	0.000	0.000
8/31/2007	4.94	1.18	0.24		2.26	0.56	0.00	0.000	0.000
9/30/2007	5.85	1.98	0.34		2.44	0.62	0.00	0.000	0.000
10/31/2007	7.54	2.98	0.40		2.67	0.72	0.00	0.000	0.000
11/30/2007	9.49	3.27	0.34		2.96	0.81	0.00	0.000	0.000
12/31/2007	11.05	4.91	0.44		3.30	0.97	0.00	0.000	0.000
1/31/2008	12.94	5.18	0.40		3.70	1.13	0.00	0.000	0.000
2/29/2008	13.14	6.90	0.52		4.08	1.33	0.00	0.000	0.000
3/31/2008	13.86	5.21	0.38		4.51	1.49	0.00	0.000	0.000
4/30/2008	12.50	4.50	0.36		4.89	1.62	0.00	0.000	0.000
5/31/2008	12.48	4.81	0.39		5.28	1.77	0.00	0.000	0.000
6/30/2008	11.70	3.85	0.33		5.63	1.89	0.00	0.000	0.000
7/31/2008	14.24	6.34	0.45		6.07	2.09	0.00	0.000	0.000
8/31/2008	12.04	4.80	0.40		6.44	2.23	0.00	0.000	0.000
9/30/2008	11.01	4.38	0.40		6.77	2.37	0.00	0.000	0.000
10/31/2008	10.20	2.13	0.21		7.09	2.43	0.00	0.000	0.000
11/30/2008	10.59	1.95	0.18		7.41	2.49	0.00	0.000	0.000
12/31/2008	9.03	1.97	0.22		7.69	2.55	0.00	0.000	0.000
1/31/2009	8.95	1.84	0.21		7.96	2.61	0.00	0.000	0.000
2/28/2009	8.68	1.78	0.21		8.21	2.66	0.00	0.000	0.000
3/31/2009	8.39	1.84	0.22		8.47	2.71	0.00	0.000	0.000
4/30/2009	8.04	1.61	0.20		8.71	2.76	0.00	0.000	0.000
5/31/2009	8.31	1.64	0.20		8.96	2.81	0.00	0.000	0.000
6/30/2009	7.66	1.67	0.22		9.19	2.86	0.00	0.000	0.000
7/31/2009	7.59	1.84	0.24		9.43	2.92	0.00	0.000	0.000
8/31/2009	7.26	1.77	0.24		9.65	2.98	0.00	0.000	0.000
9/30/2009	7.04	1.72	0.24		9.87	3.03	0.00	0.000	0.000
10/31/2009	6.38	1.56	0.24		10.06	3.08	0.00	0.000	0.000
11/30/2009	6.79	1.63	0.24		10.27	3.12	0.00	0.000	0.000
12/31/2009	6.68	1.57	0.24		10.47	3.17	0.00	0.000	0.000
1/31/2010	5.92	1.62	0.27		10.66	3.22	0.00	0.000	0.000
2/28/2010	5.47	1.74	0.32		10.81	3.27	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
3/31/2010	5.48	1.77	0.32		10.98	3.33	0.00	0.000	0.000
4/30/2010	5.10	1.62	0.32		11.13	3.38	0.00	0.000	0.000
5/31/2010	5.18	1.51	0.29		11.29	3.42	0.00	0.000	0.000
6/30/2010	5.18	1.46	0.28		11.45	3.47	0.00	0.000	0.000
7/31/2010	4.71	1.26	0.27		11.60	3.50	0.00	0.000	0.000
8/31/2010	5.08	1.51	0.30		11.75	3.55	0.00	0.000	0.000
9/30/2010	4.88	1.47	0.30		11.90	3.60	0.00	0.000	0.000
10/31/2010	4.93	1.55	0.31		12.05	3.64	0.00	0.000	0.000
11/30/2010	4.93	1.22	0.25		12.20	3.68	0.00	0.000	0.000
12/31/2010	4.40	1.10	0.25		12.34	3.71	0.00	0.000	0.000
1/31/2011	4.32	2.86	0.66		12.47	3.80	0.00	0.000	0.000
2/28/2011	5.02	1.22	0.24		12.61	3.84	0.00	0.000	0.000
3/31/2011	4.90	1.15	0.24		12.76	3.87	0.00	0.000	0.000
4/30/2011	3.91	1.04	0.27		12.88	3.90	0.00	0.000	0.000
5/31/2011	3.72	1.23	0.33		13.00	3.94	0.00	0.000	0.000
6/30/2011	3.75	1.06	0.28		13.11	3.97	0.00	0.000	0.000
7/31/2011	4.44	1.00	0.22		13.25	4.01	0.00	0.000	0.000
8/31/2011	5.12	0.97	0.19		13.40	4.04	0.00	0.000	0.000
9/30/2011	5.23	0.97	0.19		13.56	4.06	0.00	0.000	0.000
10/31/2011	5.13	1.05	0.20		13.72	4.10	0.00	0.000	0.000
11/30/2011	4.82	1.03	0.21		13.86	4.13	0.00	0.000	0.000
12/31/2011	4.58	0.96	0.21		14.01	4.16	0.00	0.000	0.000
1/31/2012	4.50	0.94	0.21		14.15	4.19	0.00	0.000	0.000
2/29/2012	4.48	0.92	0.20		14.28	4.21	0.00	0.000	0.000
3/31/2012	4.19	0.96	0.23		14.41	4.24	0.00	0.000	0.000
4/30/2012	3.97	0.84	0.21		14.52	4.27	0.00	0.000	0.000
5/31/2012	4.67	0.86	0.18		14.67	4.29	0.00	0.000	0.000
6/30/2012	3.82	0.75	0.20		14.78	4.32	0.00	0.000	0.000
7/31/2012	3.73	0.81	0.22		14.90	4.34	0.00	0.000	0.000
8/31/2012	2.13	0.58	0.27		14.97	4.36	0.00	0.000	0.000
9/30/2012	3.74	0.98	0.26		15.08	4.39	0.00	0.000	0.000
10/31/2012	3.99	0.90	0.23		15.20	4.42	0.00	0.000	0.000
11/30/2012	4.24	0.99	0.23		15.33	4.45	0.00	0.000	0.000
12/31/2012	4.38	1.03	0.24		15.47	4.48	0.00	0.000	0.000

# Pattern: 02/12-24-007-29Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.48 m3/m3

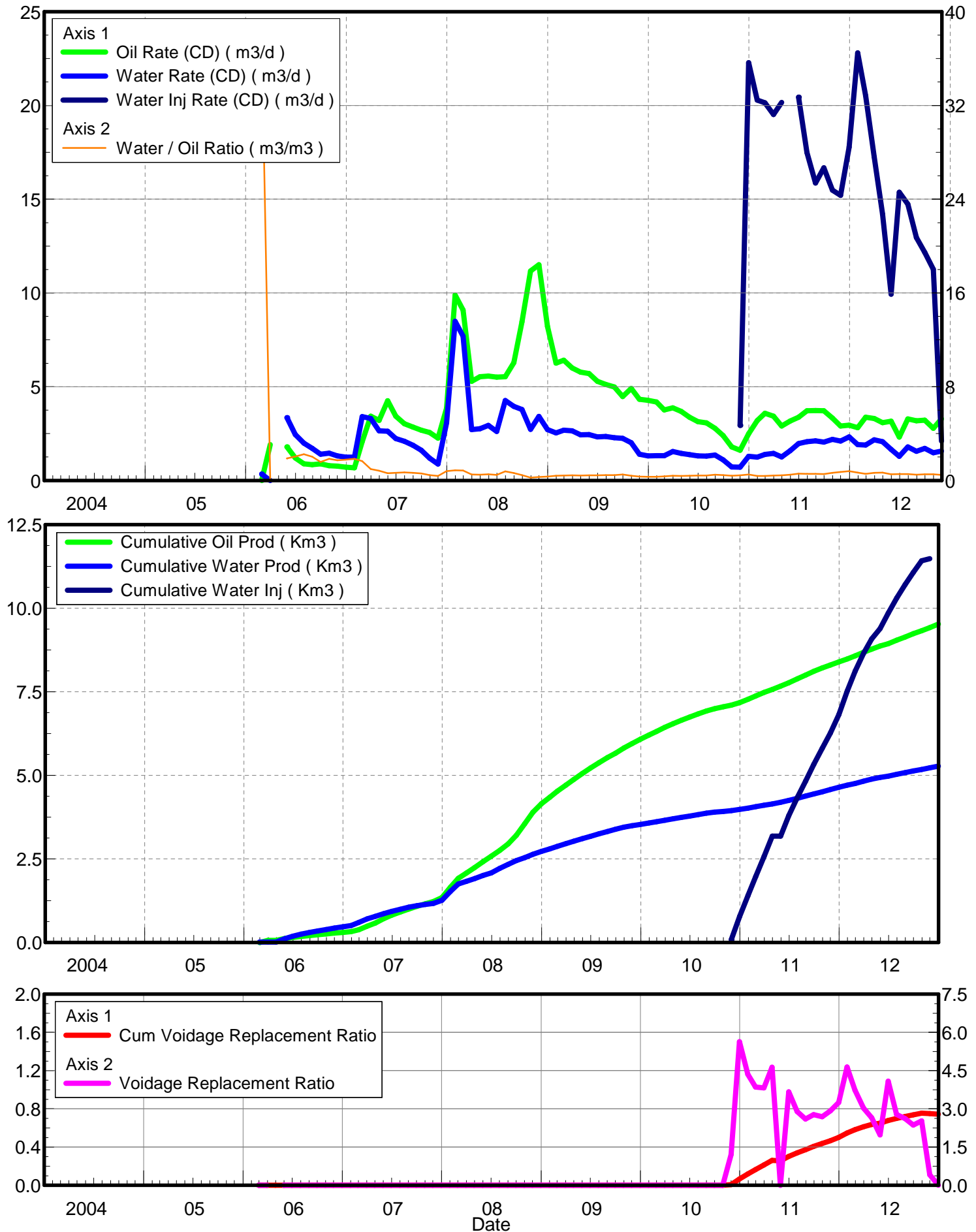
March 14, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 3.32 m3/d

Water Rate (CD) : 1.60 m3/d

Water Inj Rate (CD) : 2.10 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 Replacemnt Ratio
2/28/2006	0.01	0.34	38.00		0.00	0.01	0.00	0.000	0.000
3/31/2006	1.91	0.00	0.00		0.06	0.01	0.00	0.000	0.000
5/31/2006	1.79	3.35	1.87		0.11	0.11	0.00	0.000	0.000
6/30/2006	1.20	2.45	2.03		0.15	0.19	0.00	0.000	0.000
7/31/2006	0.89	1.99	2.24		0.18	0.25	0.00	0.000	0.000
8/31/2006	0.85	1.71	2.03		0.20	0.30	0.00	0.000	0.000
9/30/2006	0.88	1.40	1.58		0.23	0.34	0.00	0.000	0.000
10/31/2006	0.79	1.46	1.84		0.26	0.39	0.00	0.000	0.000
11/30/2006	0.76	1.30	1.72		0.28	0.43	0.00	0.000	0.000
12/31/2006	0.70	1.25	1.77		0.30	0.47	0.00	0.000	0.000
1/31/2007	0.68	1.25	1.85		0.32	0.51	0.00	0.000	0.000
2/28/2007	2.06	3.40	1.65		0.38	0.60	0.00	0.000	0.000
3/31/2007	3.43	3.31	0.96		0.49	0.70	0.00	0.000	0.000
4/30/2007	3.21	2.65	0.83		0.58	0.78	0.00	0.000	0.000
5/31/2007	4.25	2.63	0.62		0.71	0.86	0.00	0.000	0.000
6/30/2007	3.42	2.24	0.65		0.82	0.93	0.00	0.000	0.000
7/31/2007	3.03	2.09	0.69		0.91	1.00	0.00	0.000	0.000
8/31/2007	2.85	1.88	0.66		1.00	1.05	0.00	0.000	0.000
9/30/2007	2.68	1.61	0.60		1.08	1.10	0.00	0.000	0.000
10/31/2007	2.56	1.19	0.46		1.16	1.14	0.00	0.000	0.000
11/30/2007	2.26	0.88	0.39		1.23	1.17	0.00	0.000	0.000
12/31/2007	3.85	3.07	0.80		1.35	1.26	0.00	0.000	0.000
1/31/2008	9.89	8.49	0.86		1.65	1.52	0.00	0.000	0.000
2/29/2008	9.09	7.69	0.85		1.92	1.75	0.00	0.000	0.000
3/31/2008	5.28	2.72	0.51		2.08	1.83	0.00	0.000	0.000
4/30/2008	5.53	2.76	0.50		2.25	1.91	0.00	0.000	0.000
5/31/2008	5.57	2.94	0.53		2.42	2.00	0.00	0.000	0.000
6/30/2008	5.51	2.61	0.47		2.58	2.08	0.00	0.000	0.000
7/31/2008	5.53	4.26	0.77		2.75	2.22	0.00	0.000	0.000
8/31/2008	6.28	3.95	0.63		2.95	2.34	0.00	0.000	0.000
9/30/2008	8.46	3.79	0.45		3.20	2.45	0.00	0.000	0.000
10/31/2008	11.17	2.73	0.24		3.55	2.54	0.00	0.000	0.000
11/30/2008	11.50	3.41	0.30		3.89	2.64	0.00	0.000	0.000
12/31/2008	8.22	2.71	0.33		4.15	2.72	0.00	0.000	0.000
1/31/2009	6.26	2.53	0.40		4.34	2.80	0.00	0.000	0.000
2/28/2009	6.41	2.68	0.42		4.52	2.88	0.00	0.000	0.000
3/31/2009	6.00	2.65	0.44		4.71	2.96	0.00	0.000	0.000
4/30/2009	5.78	2.43	0.42		4.88	3.03	0.00	0.000	0.000
5/31/2009	5.70	2.45	0.43		5.06	3.11	0.00	0.000	0.000
6/30/2009	5.29	2.33	0.44		5.22	3.18	0.00	0.000	0.000
7/31/2009	5.12	2.35	0.46		5.38	3.25	0.00	0.000	0.000
8/31/2009	4.99	2.28	0.46		5.53	3.32	0.00	0.000	0.000
9/30/2009	4.47	2.24	0.50		5.67	3.39	0.00	0.000	0.000
10/31/2009	4.91	2.02	0.41		5.82	3.45	0.00	0.000	0.000
11/30/2009	4.33	1.40	0.32		5.95	3.49	0.00	0.000	0.000
12/31/2009	4.28	1.30	0.31		6.08	3.53	0.00	0.000	0.000
1/31/2010	4.18	1.32	0.31		6.21	3.57	0.00	0.000	0.000
2/28/2010	3.76	1.33	0.35		6.31	3.61	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
3/31/2010	3.87	1.54	0.40		6.43	3.66	0.00	0.000	0.000
4/30/2010	3.68	1.45	0.39		6.55	3.70	0.00	0.000	0.000
5/31/2010	3.37	1.38	0.41		6.65	3.74	0.00	0.000	0.000
6/30/2010	3.14	1.31	0.42		6.74	3.78	0.00	0.000	0.000
7/31/2010	3.07	1.30	0.42		6.84	3.82	0.00	0.000	0.000
8/31/2010	2.78	1.36	0.49		6.93	3.87	0.00	0.000	0.000
9/30/2010	2.39	1.10	0.46		7.00	3.90	0.00	0.000	0.000
10/31/2010	1.79	0.72	0.40		7.05	3.92	0.00	0.000	0.000
11/30/2010	1.62	0.71	0.44	2.94	7.10	3.94	0.09	1.206	0.008
12/31/2010	2.49	1.29	0.52	22.28	7.18	3.98	0.78	5.634	0.067
1/31/2011	3.19	1.25	0.39	20.29	7.28	4.02	1.41	4.354	0.119
2/28/2011	3.58	1.39	0.39	20.14	7.38	4.06	1.97	3.857	0.165
3/31/2011	3.43	1.44	0.42	19.52	7.48	4.10	2.58	3.823	0.213
4/30/2011	2.90	1.25	0.43	20.17	7.57	4.14	3.18	4.633	0.260
5/31/2011	3.17	1.58	0.50		7.67	4.19	3.18	0.000	0.257
6/30/2011	3.37	1.97	0.58	20.44	7.77	4.25	3.80	3.671	0.302
7/31/2011	3.71	2.07	0.56	17.49	7.89	4.31	4.34	2.895	0.340
8/31/2011	3.72	2.12	0.57	15.86	8.00	4.38	4.83	2.601	0.373
9/30/2011	3.71	2.04	0.55	16.67	8.11	4.44	5.33	2.771	0.406
10/31/2011	3.33	2.19	0.66	15.48	8.22	4.51	5.81	2.694	0.437
11/30/2011	2.90	2.10	0.72	15.20	8.30	4.57	6.27	2.923	0.466
12/31/2011	2.95	2.32	0.79	17.77	8.39	4.64	6.82	3.248	0.500
1/31/2012	2.81	1.91	0.68	22.81	8.48	4.70	7.52	4.641	0.546
2/29/2012	3.37	1.89	0.56	20.52	8.58	4.76	8.12	3.730	0.583
3/31/2012	3.30	2.17	0.66	17.26	8.68	4.83	8.65	3.025	0.613
4/30/2012	3.08	2.07	0.67	14.20	8.77	4.89	9.08	2.650	0.636
5/31/2012	3.16	1.65	0.52	9.94	8.87	4.94	9.39	1.976	0.651
6/30/2012	2.32	1.28	0.55	15.37	8.94	4.98	9.85	4.087	0.677
7/31/2012	3.29	1.79	0.54	14.74	9.04	5.03	10.31	2.779	0.701
8/31/2012	3.18	1.55	0.49	12.96	9.14	5.08	10.71	2.614	0.721
9/30/2012	3.21	1.71	0.53	12.17	9.24	5.13	11.07	2.367	0.738
10/31/2012	2.78	1.47	0.53	11.25	9.32	5.18	11.42	2.530	0.754
11/30/2012	3.28	1.57	0.48	2.10	9.42	5.22	11.48	0.414	0.751
12/31/2012	3.32	1.60	0.48		9.53	5.27	11.48	0.000	0.743

# Pattern: 02/04-25-007-29Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.31 m3/m3

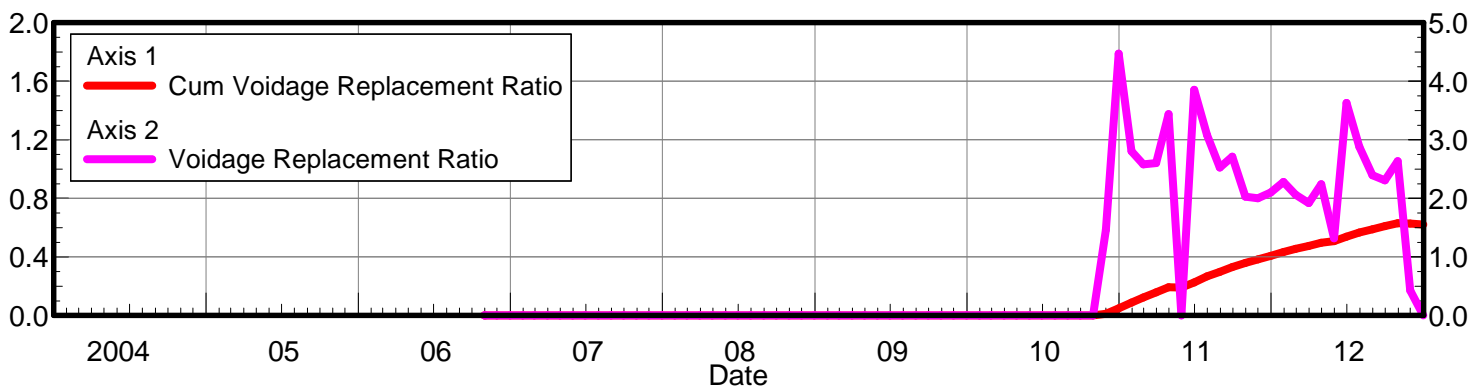
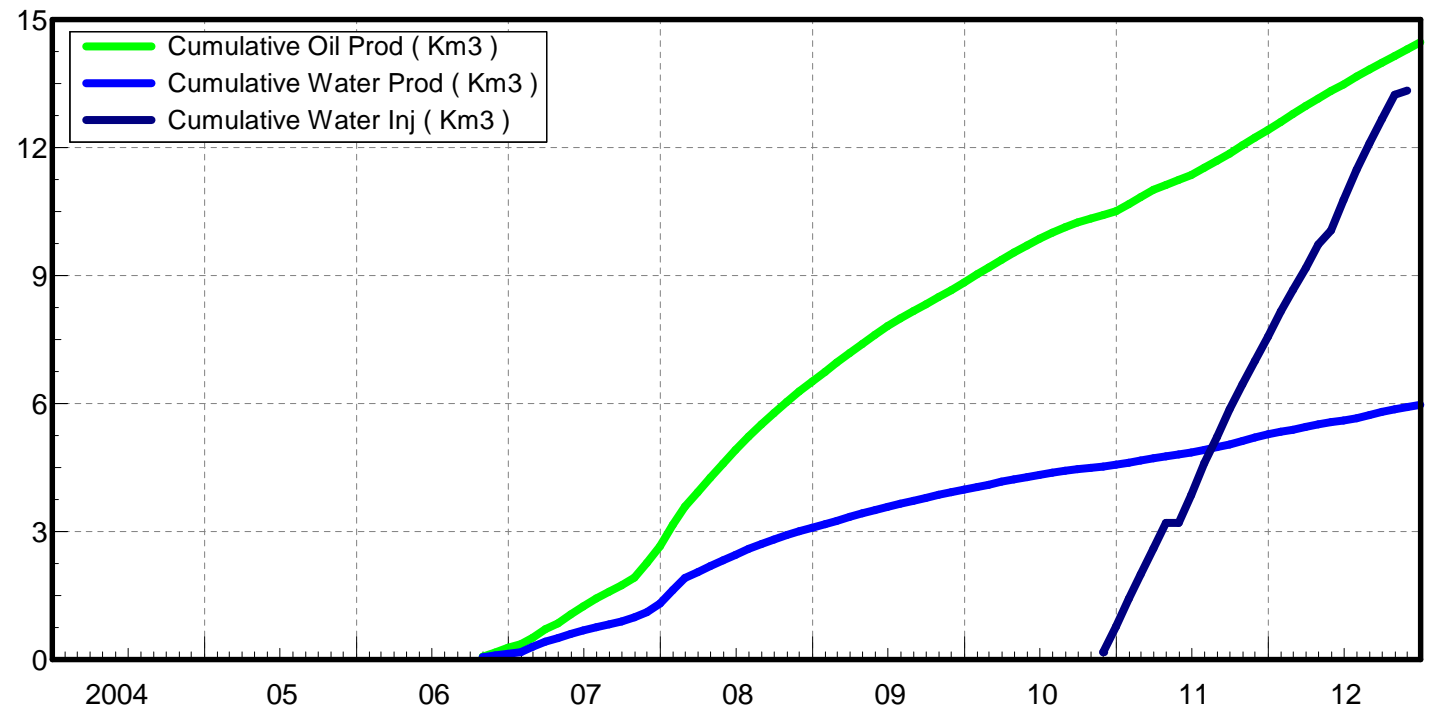
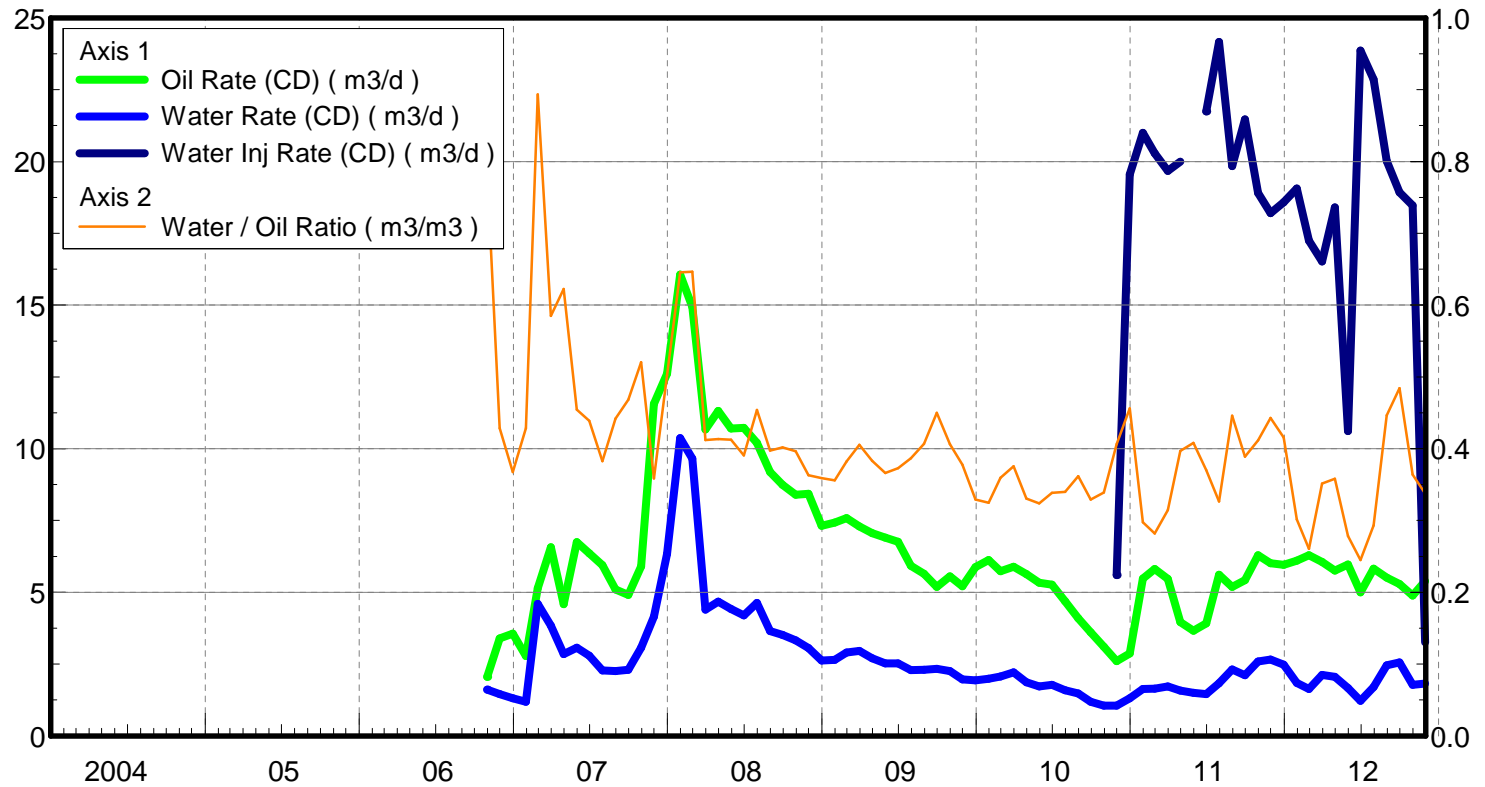
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 5.23 m3/d

Water Rate (CD) : 1.64 m3/d

Water Inj Rate (CD) : 3.26 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 Replacemnt Ratio
10/31/2006	2.05	1.61	0.78		0.06	0.05	0.00	0.000	0.000
11/30/2006	3.40	1.46	0.43		0.17	0.09	0.00	0.000	0.000
12/31/2006	3.56	1.31	0.37		0.28	0.13	0.00	0.000	0.000
1/31/2007	2.78	1.19	0.43		0.36	0.17	0.00	0.000	0.000
2/28/2007	5.14	4.59	0.89		0.51	0.30	0.00	0.000	0.000
3/31/2007	6.57	3.84	0.59		0.71	0.42	0.00	0.000	0.000
4/30/2007	4.58	2.85	0.62		0.85	0.50	0.00	0.000	0.000
5/31/2007	6.75	3.07	0.45		1.06	0.60	0.00	0.000	0.000
6/30/2007	6.36	2.79	0.44		1.25	0.68	0.00	0.000	0.000
7/31/2007	5.95	2.28	0.38		1.43	0.75	0.00	0.000	0.000
8/31/2007	5.10	2.25	0.44		1.59	0.82	0.00	0.000	0.000
9/30/2007	4.91	2.30	0.47		1.74	0.89	0.00	0.000	0.000
10/31/2007	5.90	3.07	0.52		1.92	0.99	0.00	0.000	0.000
11/30/2007	11.56	4.15	0.36		2.27	1.11	0.00	0.000	0.000
12/31/2007	12.61	6.33	0.50		2.66	1.31	0.00	0.000	0.000
1/31/2008	16.06	10.37	0.65		3.16	1.63	0.00	0.000	0.000
2/29/2008	14.93	9.66	0.65		3.59	1.91	0.00	0.000	0.000
3/31/2008	10.67	4.39	0.41		3.92	2.05	0.00	0.000	0.000
4/30/2008	11.32	4.68	0.41		4.26	2.19	0.00	0.000	0.000
5/31/2008	10.71	4.42	0.41		4.59	2.32	0.00	0.000	0.000
6/30/2008	10.72	4.19	0.39		4.91	2.45	0.00	0.000	0.000
7/31/2008	10.21	4.63	0.45		5.23	2.59	0.00	0.000	0.000
8/31/2008	9.19	3.65	0.40		5.51	2.71	0.00	0.000	0.000
9/30/2008	8.75	3.52	0.40		5.78	2.81	0.00	0.000	0.000
10/31/2008	8.39	3.33	0.40		6.04	2.91	0.00	0.000	0.000
11/30/2008	8.43	3.06	0.36		6.29	3.01	0.00	0.000	0.000
12/31/2008	7.31	2.62	0.36		6.52	3.09	0.00	0.000	0.000
1/31/2009	7.42	2.64	0.36		6.75	3.17	0.00	0.000	0.000
2/28/2009	7.59	2.90	0.38		6.96	3.25	0.00	0.000	0.000
3/31/2009	7.29	2.95	0.41		7.18	3.34	0.00	0.000	0.000
4/30/2009	7.06	2.71	0.38		7.40	3.42	0.00	0.000	0.000
5/31/2009	6.91	2.53	0.37		7.61	3.50	0.00	0.000	0.000
6/30/2009	6.76	2.52	0.37		7.81	3.58	0.00	0.000	0.000
7/31/2009	5.92	2.29	0.39		8.00	3.65	0.00	0.000	0.000
8/31/2009	5.65	2.30	0.41		8.17	3.72	0.00	0.000	0.000
9/30/2009	5.18	2.33	0.45		8.33	3.79	0.00	0.000	0.000
10/31/2009	5.56	2.26	0.41		8.50	3.86	0.00	0.000	0.000
11/30/2009	5.21	1.97	0.38		8.66	3.92	0.00	0.000	0.000
12/31/2009	5.88	1.94	0.33		8.84	3.98	0.00	0.000	0.000
1/31/2010	6.13	1.99	0.32		9.03	4.04	0.00	0.000	0.000
2/28/2010	5.73	2.06	0.36		9.19	4.10	0.00	0.000	0.000
3/31/2010	5.89	2.21	0.38		9.37	4.17	0.00	0.000	0.000
4/30/2010	5.64	1.86	0.33		9.54	4.22	0.00	0.000	0.000
5/31/2010	5.33	1.73	0.32		9.70	4.28	0.00	0.000	0.000
6/30/2010	5.26	1.78	0.34		9.86	4.33	0.00	0.000	0.000
7/31/2010	4.69	1.59	0.34		10.01	4.38	0.00	0.000	0.000
8/31/2010	4.09	1.48	0.36		10.14	4.42	0.00	0.000	0.000
9/30/2010	3.60	1.19	0.33		10.24	4.46	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
10/31/2010	3.11	1.05	0.34		10.34	4.49	0.00	0.000	0.000
11/30/2010	2.60	1.06	0.41	5.60	10.42	4.52	0.17	1.460	0.011
12/31/2010	2.87	1.31	0.46	19.55	10.51	4.57	0.77	4.470	0.049
1/31/2011	5.48	1.63	0.30	21.00	10.68	4.62	1.43	2.806	0.089
2/28/2011	5.81	1.64	0.28	20.29	10.84	4.66	1.99	2.582	0.123
3/31/2011	5.46	1.72	0.31	19.68	11.01	4.71	2.60	2.602	0.158
4/30/2011	3.96	1.57	0.40	20.00	11.13	4.76	3.20	3.441	0.192
5/31/2011	3.66	1.50	0.41		11.24	4.81	3.20	0.000	0.190
6/30/2011	3.92	1.45	0.37	21.74	11.36	4.85	3.86	3.855	0.227
7/31/2011	5.61	1.83	0.33	24.16	11.53	4.91	4.60	3.086	0.267
8/31/2011	5.18	2.31	0.45	19.84	11.69	4.98	5.22	2.526	0.299
9/30/2011	5.42	2.11	0.39	21.46	11.86	5.04	5.86	2.713	0.331
10/31/2011	6.29	2.59	0.41	18.90	12.05	5.12	6.45	2.028	0.358
11/30/2011	6.01	2.66	0.44	18.20	12.23	5.20	7.00	2.001	0.383
12/31/2011	5.96	2.48	0.42	18.58	12.42	5.28	7.57	2.099	0.408
1/31/2012	6.10	1.84	0.30	19.06	12.61	5.34	8.16	2.279	0.434
2/29/2012	6.29	1.64	0.26	17.24	12.79	5.39	8.66	2.062	0.454
3/31/2012	6.06	2.13	0.35	16.52	12.98	5.45	9.17	1.918	0.475
4/30/2012	5.75	2.06	0.36	18.40	13.15	5.51	9.73	2.240	0.497
5/31/2012	5.97	1.66	0.28	10.61	13.33	5.56	10.06	1.319	0.507
6/30/2012	5.00	1.23	0.24	23.86	13.48	5.60	10.77	3.629	0.538
7/31/2012	5.82	1.70	0.29	22.86	13.66	5.65	11.48	2.883	0.566
8/31/2012	5.51	2.46	0.45	20.02	13.83	5.73	12.10	2.396	0.590
9/30/2012	5.28	2.56	0.48	18.93	13.99	5.81	12.67	2.306	0.610
10/31/2012	4.89	1.78	0.36	18.47	14.14	5.86	13.24	2.635	0.631
11/30/2012	5.39	1.82	0.34	3.26	14.31	5.92	13.34	0.429	0.629
12/31/2012	5.23	1.64	0.31		14.47	5.97	13.34	0.000	0.622

# Pattern: 104/08-25-007-29Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m<sup>3</sup>/m<sup>3</sup>

Water Formation Vol Factor : 1.00150 m<sup>3</sup>/m<sup>3</sup>

Water / Oil Ratio : 0.77 m<sup>3</sup>/m<sup>3</sup>

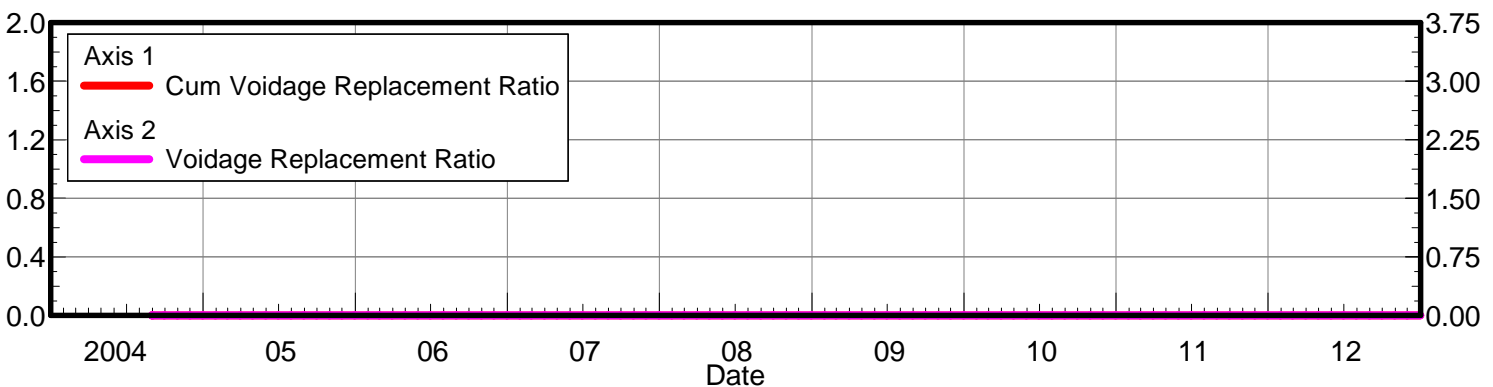
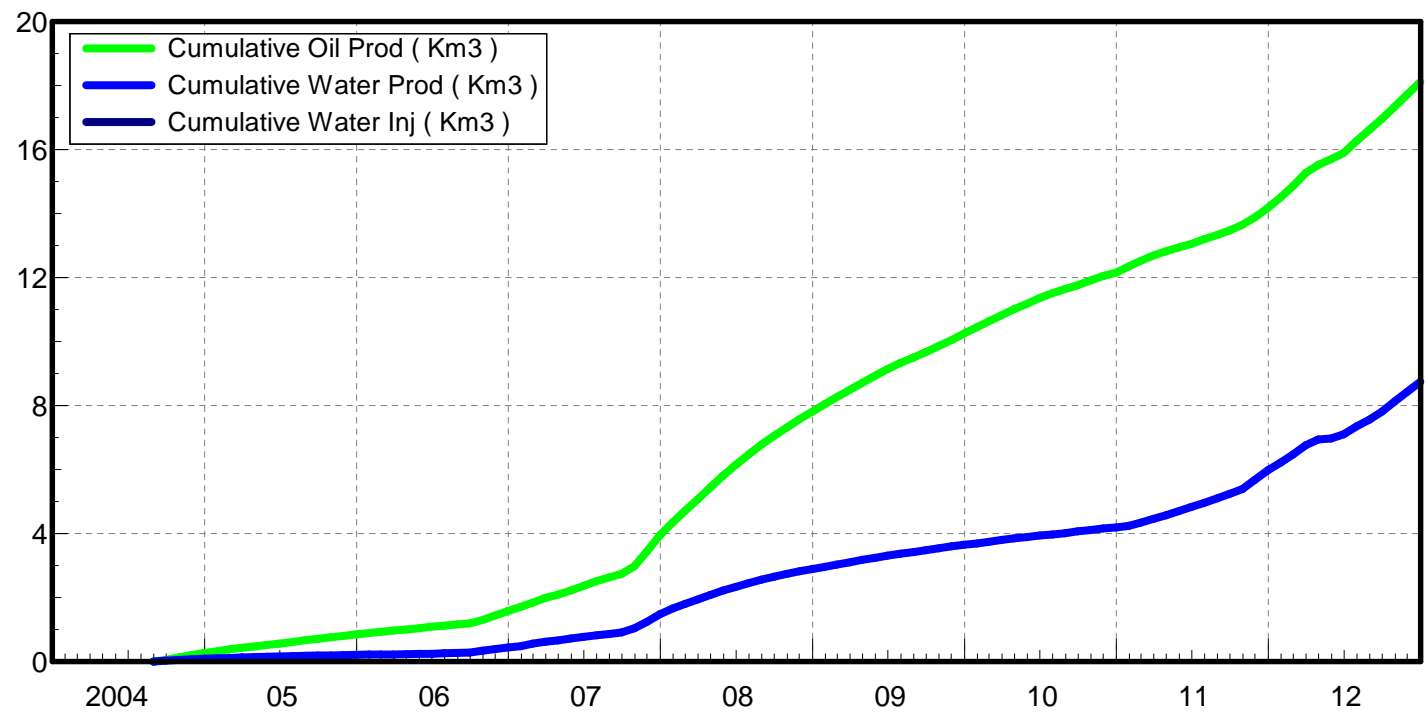
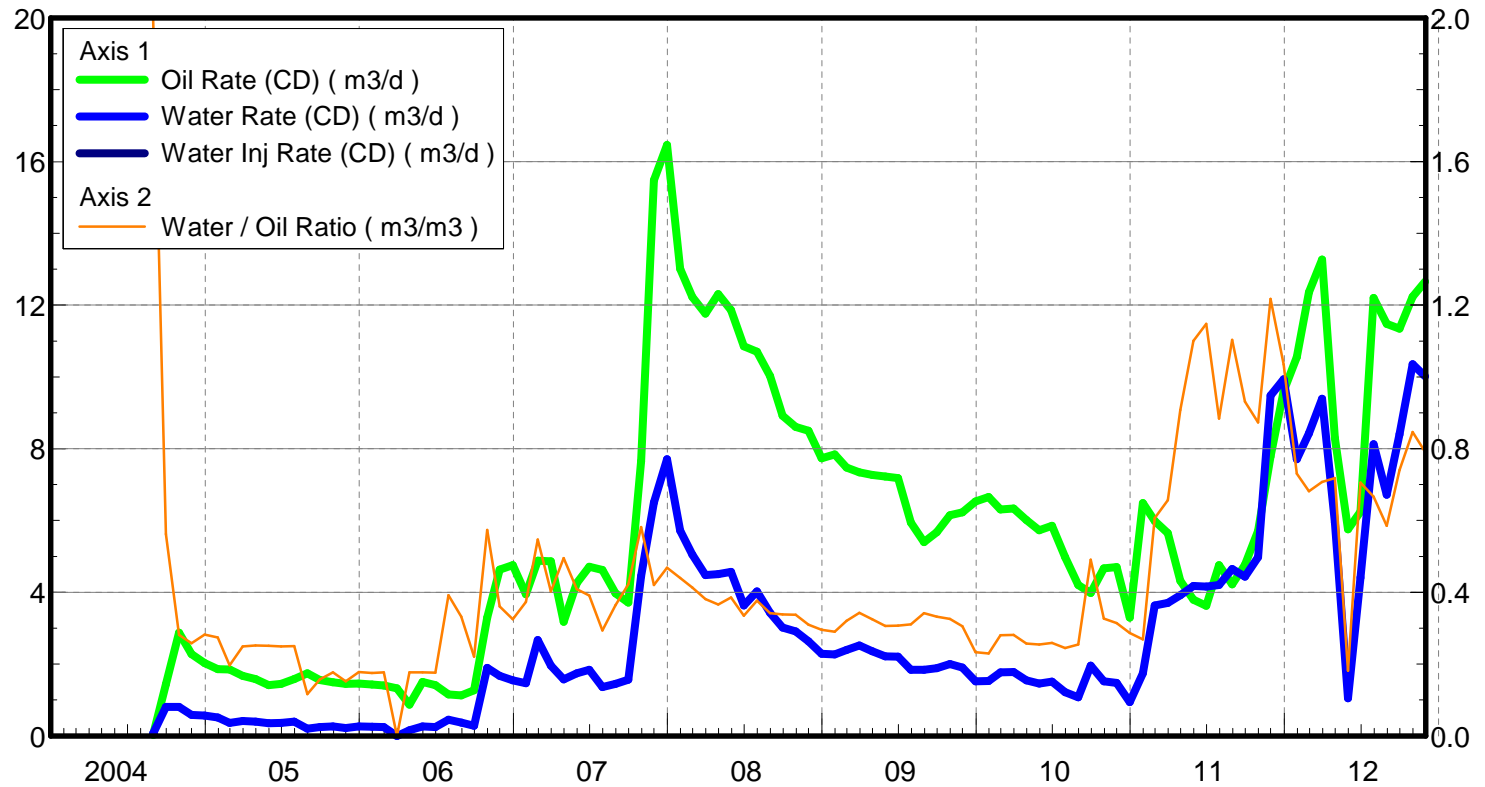
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 12.66 m<sup>3</sup>/d

Water Rate (CD) : 9.80 m<sup>3</sup>/d

Water Inj Rate (CD) : \* m<sup>3</sup>/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
8/31/2004	0.03	0.06	2.00		0.00	0.00	0.00	0.000	0.000
9/30/2004	1.44	0.81	0.56		0.04	0.03	0.00	0.000	0.000
10/31/2004	2.88	0.81	0.28		0.13	0.05	0.00	0.000	0.000
11/30/2004	2.28	0.59	0.26		0.20	0.07	0.00	0.000	0.000
12/31/2004	2.03	0.57	0.28		0.26	0.09	0.00	0.000	0.000
1/31/2005	1.86	0.51	0.27		0.32	0.10	0.00	0.000	0.000
2/28/2005	1.85	0.36	0.20		0.37	0.11	0.00	0.000	0.000
3/31/2005	1.67	0.42	0.25		0.43	0.13	0.00	0.000	0.000
4/30/2005	1.58	0.40	0.25		0.47	0.14	0.00	0.000	0.000
5/31/2005	1.42	0.35	0.25		0.52	0.15	0.00	0.000	0.000
6/30/2005	1.45	0.36	0.25		0.56	0.16	0.00	0.000	0.000
7/31/2005	1.58	0.40	0.25		0.61	0.17	0.00	0.000	0.000
8/31/2005	1.75	0.20	0.12		0.66	0.18	0.00	0.000	0.000
9/30/2005	1.55	0.25	0.16		0.71	0.19	0.00	0.000	0.000
10/31/2005	1.49	0.26	0.18		0.76	0.19	0.00	0.000	0.000
11/30/2005	1.45	0.22	0.15		0.80	0.20	0.00	0.000	0.000
12/31/2005	1.46	0.26	0.18		0.85	0.21	0.00	0.000	0.000
1/31/2006	1.43	0.25	0.18		0.89	0.22	0.00	0.000	0.000
2/28/2006	1.40	0.25	0.18		0.93	0.22	0.00	0.000	0.000
3/31/2006	1.32	0.00	0.00		0.97	0.22	0.00	0.000	0.000
4/30/2006	0.87	0.15	0.18		1.00	0.23	0.00	0.000	0.000
5/31/2006	1.50	0.27	0.18		1.04	0.24	0.00	0.000	0.000
6/30/2006	1.41	0.25	0.18		1.09	0.24	0.00	0.000	0.000
7/31/2006	1.15	0.45	0.39		1.12	0.26	0.00	0.000	0.000
8/31/2006	1.13	0.37	0.33		1.16	0.27	0.00	0.000	0.000
9/30/2006	1.27	0.28	0.22		1.19	0.28	0.00	0.000	0.000
10/31/2006	3.30	1.89	0.57		1.30	0.34	0.00	0.000	0.000
11/30/2006	4.63	1.67	0.36		1.44	0.39	0.00	0.000	0.000
12/31/2006	4.75	1.55	0.33		1.58	0.43	0.00	0.000	0.000
1/31/2007	3.94	1.47	0.37		1.70	0.48	0.00	0.000	0.000
2/28/2007	4.88	2.67	0.55		1.84	0.55	0.00	0.000	0.000
3/31/2007	4.87	1.96	0.40		1.99	0.62	0.00	0.000	0.000
4/30/2007	3.18	1.58	0.50		2.09	0.66	0.00	0.000	0.000
5/31/2007	4.25	1.74	0.41		2.22	0.72	0.00	0.000	0.000
6/30/2007	4.71	1.84	0.39		2.36	0.77	0.00	0.000	0.000
7/31/2007	4.62	1.36	0.29		2.50	0.81	0.00	0.000	0.000
8/31/2007	3.97	1.45	0.36		2.63	0.86	0.00	0.000	0.000
9/30/2007	3.71	1.57	0.42		2.74	0.91	0.00	0.000	0.000
10/31/2007	7.65	4.45	0.58		2.98	1.04	0.00	0.000	0.000
11/30/2007	15.48	6.50	0.42		3.44	1.24	0.00	0.000	0.000
12/31/2007	16.46	7.71	0.47		3.95	1.48	0.00	0.000	0.000
1/31/2008	13.01	5.72	0.44		4.35	1.65	0.00	0.000	0.000
2/29/2008	12.23	5.05	0.41		4.71	1.80	0.00	0.000	0.000
3/31/2008	11.77	4.48	0.38		5.07	1.94	0.00	0.000	0.000
4/30/2008	12.31	4.51	0.37		5.44	2.08	0.00	0.000	0.000
5/31/2008	11.86	4.57	0.39		5.81	2.22	0.00	0.000	0.000
6/30/2008	10.86	3.63	0.33		6.14	2.33	0.00	0.000	0.000
7/31/2008	10.70	4.03	0.38		6.47	2.45	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
8/31/2008	10.03	3.43	0.34		6.78	2.56	0.00	0.000	0.000
9/30/2008	8.92	3.02	0.34		7.05	2.65	0.00	0.000	0.000
10/31/2008	8.61	2.91	0.34		7.31	2.74	0.00	0.000	0.000
11/30/2008	8.50	2.63	0.31		7.57	2.82	0.00	0.000	0.000
12/31/2008	7.73	2.28	0.30		7.81	2.89	0.00	0.000	0.000
1/31/2009	7.84	2.27	0.29		8.05	2.96	0.00	0.000	0.000
2/28/2009	7.48	2.40	0.32		8.26	3.03	0.00	0.000	0.000
3/31/2009	7.34	2.52	0.34		8.49	3.10	0.00	0.000	0.000
4/30/2009	7.27	2.36	0.32		8.71	3.17	0.00	0.000	0.000
5/31/2009	7.23	2.22	0.31		8.93	3.24	0.00	0.000	0.000
6/30/2009	7.18	2.21	0.31		9.15	3.31	0.00	0.000	0.000
7/31/2009	5.94	1.85	0.31		9.33	3.37	0.00	0.000	0.000
8/31/2009	5.40	1.85	0.34		9.50	3.42	0.00	0.000	0.000
9/30/2009	5.67	1.88	0.33		9.67	3.48	0.00	0.000	0.000
10/31/2009	6.14	2.00	0.33		9.86	3.54	0.00	0.000	0.000
11/30/2009	6.23	1.90	0.31		10.04	3.60	0.00	0.000	0.000
12/31/2009	6.53	1.52	0.23		10.25	3.65	0.00	0.000	0.000
1/31/2010	6.65	1.53	0.23		10.45	3.69	0.00	0.000	0.000
2/28/2010	6.31	1.77	0.28		10.63	3.74	0.00	0.000	0.000
3/31/2010	6.34	1.78	0.28		10.83	3.80	0.00	0.000	0.000
4/30/2010	6.01	1.54	0.26		11.01	3.84	0.00	0.000	0.000
5/31/2010	5.73	1.46	0.25		11.18	3.89	0.00	0.000	0.000
6/30/2010	5.85	1.51	0.26		11.36	3.94	0.00	0.000	0.000
7/31/2010	4.98	1.22	0.24		11.51	3.97	0.00	0.000	0.000
8/31/2010	4.20	1.07	0.25		11.64	4.01	0.00	0.000	0.000
9/30/2010	3.98	1.95	0.49		11.76	4.06	0.00	0.000	0.000
10/31/2010	4.67	1.52	0.33		11.91	4.11	0.00	0.000	0.000
11/30/2010	4.71	1.48	0.31		12.05	4.16	0.00	0.000	0.000
12/31/2010	3.29	0.94	0.29		12.15	4.19	0.00	0.000	0.000
1/31/2011	6.49	1.74	0.27		12.35	4.24	0.00	0.000	0.000
2/28/2011	5.99	3.63	0.61		12.52	4.34	0.00	0.000	0.000
3/31/2011	5.64	3.71	0.66		12.69	4.46	0.00	0.000	0.000
4/30/2011	4.32	3.92	0.91		12.82	4.57	0.00	0.000	0.000
5/31/2011	3.79	4.17	1.10		12.94	4.70	0.00	0.000	0.000
6/30/2011	3.63	4.16	1.15		13.05	4.83	0.00	0.000	0.000
7/31/2011	4.76	4.20	0.88		13.20	4.96	0.00	0.000	0.000
8/31/2011	4.22	4.65	1.10		13.33	5.10	0.00	0.000	0.000
9/30/2011	4.76	4.43	0.93		13.47	5.24	0.00	0.000	0.000
10/31/2011	5.71	4.98	0.87		13.65	5.39	0.00	0.000	0.000
11/30/2011	7.79	9.48	1.22		13.88	5.67	0.00	0.000	0.000
12/31/2011	9.60	9.93	1.03		14.18	5.98	0.00	0.000	0.000
1/31/2012	10.55	7.71	0.73		14.51	6.22	0.00	0.000	0.000
2/29/2012	12.36	8.43	0.68		14.87	6.47	0.00	0.000	0.000
3/31/2012	13.27	9.39	0.71		15.28	6.76	0.00	0.000	0.000
4/30/2012	8.29	5.96	0.72		15.53	6.94	0.00	0.000	0.000
5/31/2012	5.75	1.05	0.18		15.70	6.97	0.00	0.000	0.000
6/30/2012	6.25	4.41	0.71		15.89	7.10	0.00	0.000	0.000
7/31/2012	12.20	8.12	0.67		16.27	7.35	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
8/31/2012	11.48	6.72	0.59		16.63	7.56	0.00	0.000	0.000
9/30/2012	11.34	8.40	0.74		16.97	7.81	0.00	0.000	0.000
10/31/2012	12.23	10.36	0.85		17.34	8.13	0.00	0.000	0.000
11/30/2012	12.65	10.02	0.79		17.72	8.43	0.00	0.000	0.000
12/31/2012	12.66	9.80	0.77		18.12	8.74	0.00	0.000	0.000

Oil Formation Vol Factor : 1.07100 m3/m3

Pattern: 03/12-25-007-29Inj Set: Unit#2

Water Formation Vol Factor : 1.00150 m3/m3

March 14, 2013

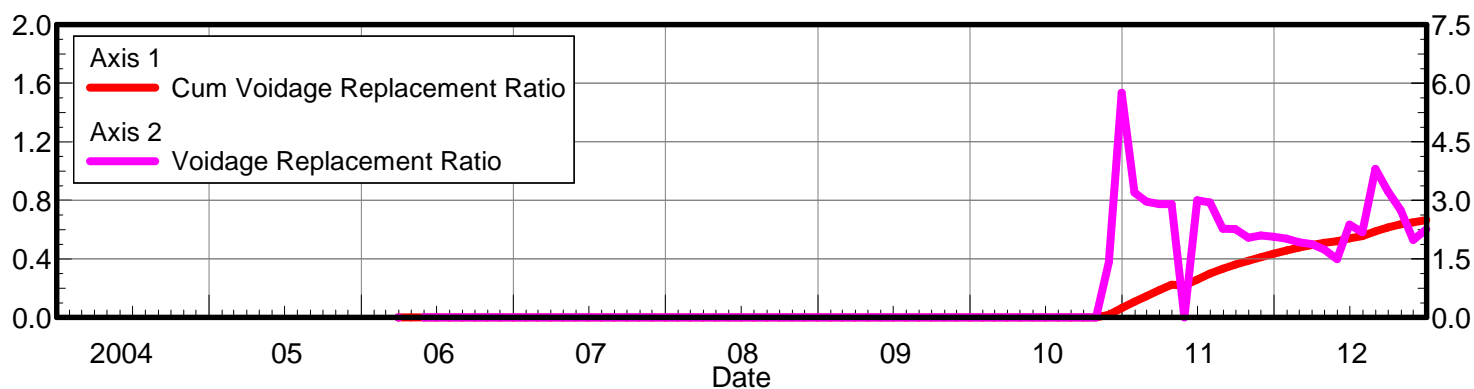
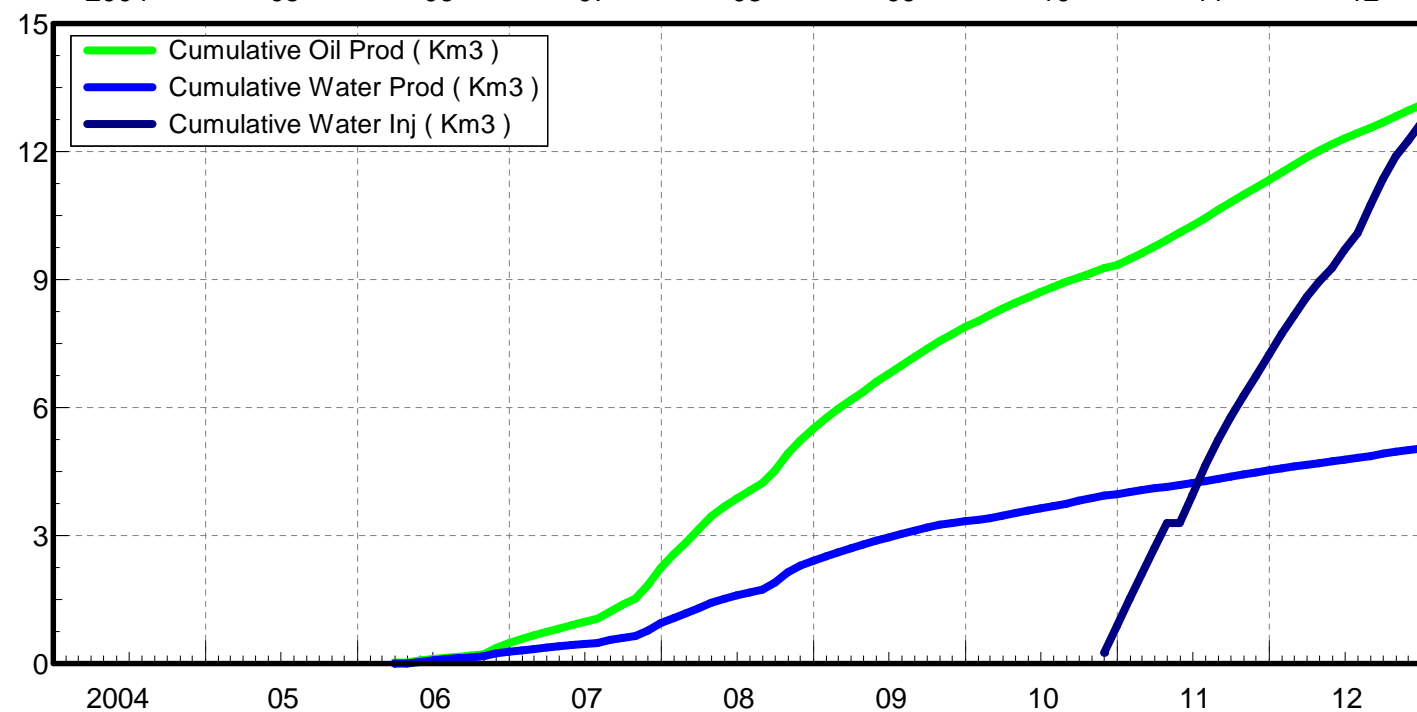
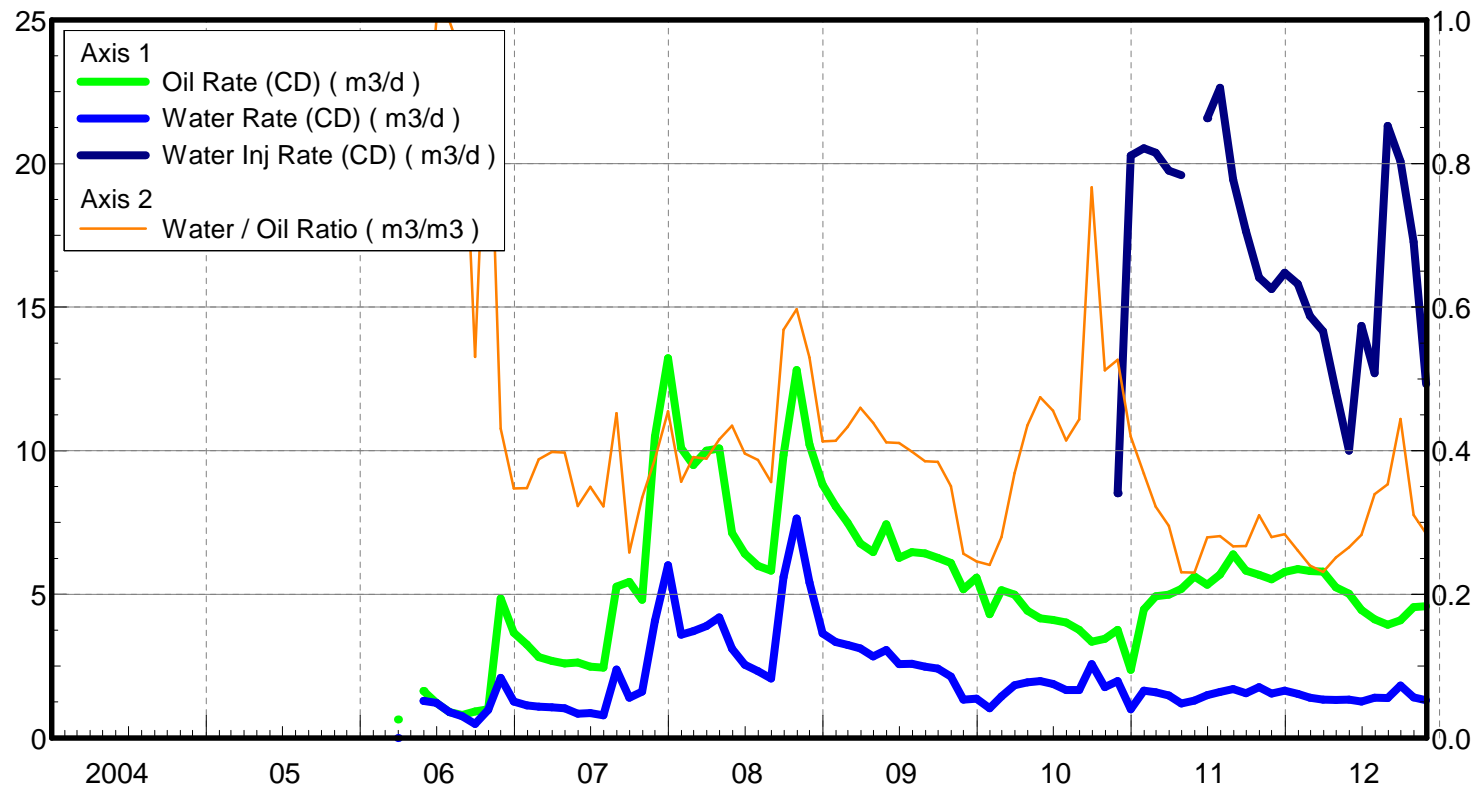
Water / Oil Ratio : 0.28 m3/m3

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 4.40 m3/d

Water Rate (CD) : 1.22 m3/d

Water Inj Rate (CD) : 13.36 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
3/31/2006	0.64	0.00	0.00		0.02	0.00	0.00	0.000	0.000
5/31/2006	1.64	1.28	0.78		0.07	0.04	0.00	0.000	0.000
6/30/2006	1.22	1.22	1.00		0.11	0.08	0.00	0.000	0.000
7/31/2006	0.90	0.90	1.00		0.14	0.10	0.00	0.000	0.000
8/31/2006	0.80	0.75	0.95		0.16	0.13	0.00	0.000	0.000
9/30/2006	0.92	0.49	0.53		0.19	0.14	0.00	0.000	0.000
10/31/2006	1.00	0.97	0.97		0.22	0.17	0.00	0.000	0.000
11/30/2006	4.86	2.09	0.43		0.36	0.24	0.00	0.000	0.000
12/31/2006	3.66	1.27	0.35		0.48	0.27	0.00	0.000	0.000
1/31/2007	3.25	1.13	0.35		0.58	0.31	0.00	0.000	0.000
2/28/2007	2.81	1.09	0.39		0.66	0.34	0.00	0.000	0.000
3/31/2007	2.68	1.07	0.40		0.74	0.37	0.00	0.000	0.000
4/30/2007	2.59	1.03	0.40		0.82	0.40	0.00	0.000	0.000
5/31/2007	2.62	0.85	0.32		0.90	0.43	0.00	0.000	0.000
6/30/2007	2.48	0.87	0.35		0.97	0.46	0.00	0.000	0.000
7/31/2007	2.45	0.79	0.32		1.05	0.48	0.00	0.000	0.000
8/31/2007	5.27	2.38	0.45		1.21	0.55	0.00	0.000	0.000
9/30/2007	5.43	1.40	0.26		1.38	0.60	0.00	0.000	0.000
10/31/2007	4.81	1.61	0.33		1.53	0.65	0.00	0.000	0.000
11/30/2007	10.49	4.07	0.39		1.84	0.77	0.00	0.000	0.000
12/31/2007	13.22	6.01	0.45		2.25	0.96	0.00	0.000	0.000
1/31/2008	10.09	3.60	0.36		2.56	1.07	0.00	0.000	0.000
2/29/2008	9.51	3.72	0.39		2.84	1.17	0.00	0.000	0.000
3/31/2008	10.00	3.89	0.39		3.15	1.30	0.00	0.000	0.000
4/30/2008	10.08	4.19	0.42		3.45	1.42	0.00	0.000	0.000
5/31/2008	7.14	3.11	0.43		3.67	1.52	0.00	0.000	0.000
6/30/2008	6.42	2.54	0.40		3.86	1.59	0.00	0.000	0.000
7/31/2008	5.99	2.32	0.39		4.05	1.67	0.00	0.000	0.000
8/31/2008	5.82	2.07	0.36		4.23	1.73	0.00	0.000	0.000
9/30/2008	9.86	5.60	0.57		4.53	1.90	0.00	0.000	0.000
10/31/2008	12.80	7.64	0.60		4.92	2.13	0.00	0.000	0.000
11/30/2008	10.22	5.41	0.53		5.23	2.30	0.00	0.000	0.000
12/31/2008	8.82	3.64	0.41		5.50	2.41	0.00	0.000	0.000
1/31/2009	8.06	3.34	0.41		5.75	2.51	0.00	0.000	0.000
2/28/2009	7.49	3.24	0.43		5.96	2.60	0.00	0.000	0.000
3/31/2009	6.77	3.11	0.46		6.17	2.70	0.00	0.000	0.000
4/30/2009	6.46	2.84	0.44		6.37	2.79	0.00	0.000	0.000
5/31/2009	7.44	3.06	0.41		6.60	2.88	0.00	0.000	0.000
6/30/2009	6.27	2.57	0.41		6.78	2.96	0.00	0.000	0.000
7/31/2009	6.47	2.58	0.40		6.99	3.04	0.00	0.000	0.000
8/31/2009	6.43	2.48	0.39		7.18	3.11	0.00	0.000	0.000
9/30/2009	6.27	2.41	0.38		7.37	3.19	0.00	0.000	0.000
10/31/2009	6.09	2.13	0.35		7.56	3.25	0.00	0.000	0.000
11/30/2009	5.18	1.33	0.26		7.72	3.29	0.00	0.000	0.000
12/31/2009	5.57	1.37	0.25		7.89	3.34	0.00	0.000	0.000
1/31/2010	4.31	1.04	0.24		8.02	3.37	0.00	0.000	0.000
2/28/2010	5.14	1.44	0.28		8.17	3.41	0.00	0.000	0.000
3/31/2010	4.98	1.84	0.37		8.32	3.47	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
4/30/2010	4.43	1.93	0.44		8.45	3.52	0.00	0.000	0.000
5/31/2010	4.17	1.98	0.47		8.58	3.58	0.00	0.000	0.000
6/30/2010	4.11	1.87	0.46		8.71	3.64	0.00	0.000	0.000
7/31/2010	4.02	1.67	0.41		8.83	3.69	0.00	0.000	0.000
8/31/2010	3.76	1.67	0.44		8.95	3.74	0.00	0.000	0.000
9/30/2010	3.35	2.56	0.77		9.05	3.82	0.00	0.000	0.000
10/31/2010	3.45	1.77	0.51		9.16	3.88	0.00	0.000	0.000
11/30/2010	3.76	1.98	0.53	8.52	9.27	3.93	0.26	1.419	0.018
12/31/2010	2.37	0.99	0.42	20.27	9.34	3.97	0.88	5.753	0.063
1/31/2011	4.47	1.65	0.37	20.54	9.48	4.02	1.52	3.196	0.107
2/28/2011	4.93	1.59	0.32	20.37	9.62	4.06	2.09	2.967	0.146
3/31/2011	4.99	1.47	0.30	19.75	9.77	4.11	2.70	2.903	0.186
4/30/2011	5.19	1.20	0.23	19.60	9.93	4.14	3.29	2.904	0.223
5/31/2011	5.62	1.30	0.23		10.10	4.18	3.29	0.000	0.220
6/30/2011	5.33	1.49	0.28	21.58	10.26	4.23	3.94	3.001	0.259
7/31/2011	5.69	1.60	0.28	22.64	10.44	4.28	4.64	2.949	0.301
8/31/2011	6.39	1.70	0.27	19.44	10.64	4.33	5.24	2.277	0.334
9/30/2011	5.83	1.56	0.27	17.65	10.81	4.38	5.77	2.266	0.362
10/31/2011	5.68	1.76	0.31	16.03	10.99	4.43	6.27	2.046	0.387
11/30/2011	5.52	1.55	0.28	15.63	11.15	4.48	6.74	2.098	0.411
12/31/2011	5.78	1.64	0.28	16.19	11.33	4.53	7.24	2.069	0.435
1/31/2012	5.88	1.54	0.26	15.81	11.52	4.58	7.73	2.021	0.458
2/29/2012	5.81	1.40	0.24	14.69	11.68	4.62	8.16	1.929	0.477
3/31/2012	5.78	1.34	0.23	14.16	11.86	4.66	8.60	1.882	0.496
4/30/2012	5.24	1.32	0.25	12.07	12.02	4.70	8.96	1.743	0.510
5/31/2012	5.02	1.33	0.27	10.00	12.18	4.74	9.27	1.491	0.522
6/30/2012	4.46	1.26	0.28	14.34	12.31	4.78	9.70	2.381	0.541
7/31/2012	4.13	1.40	0.34	12.70	12.44	4.82	10.09	2.180	0.557
8/31/2012	3.94	1.39	0.35	21.32	12.56	4.86	10.75	3.806	0.588
9/30/2012	4.10	1.82	0.44	20.07	12.68	4.92	11.35	3.233	0.614
10/31/2012	4.56	1.42	0.31	17.26	12.82	4.96	11.89	2.745	0.637
11/30/2012	4.59	1.31	0.28	12.32	12.96	5.00	12.26	1.983	0.650
12/31/2012	4.40	1.22	0.28	13.36	13.10	5.04	12.67	2.253	0.665

# Pattern: 02/15-25-007-29Inj Set: Unit#2

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.22 m3/m3

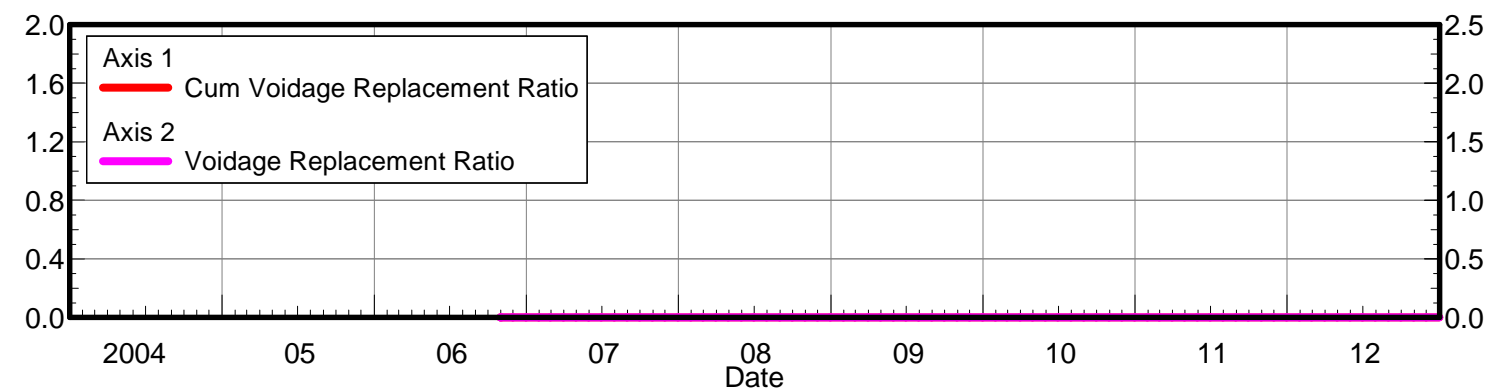
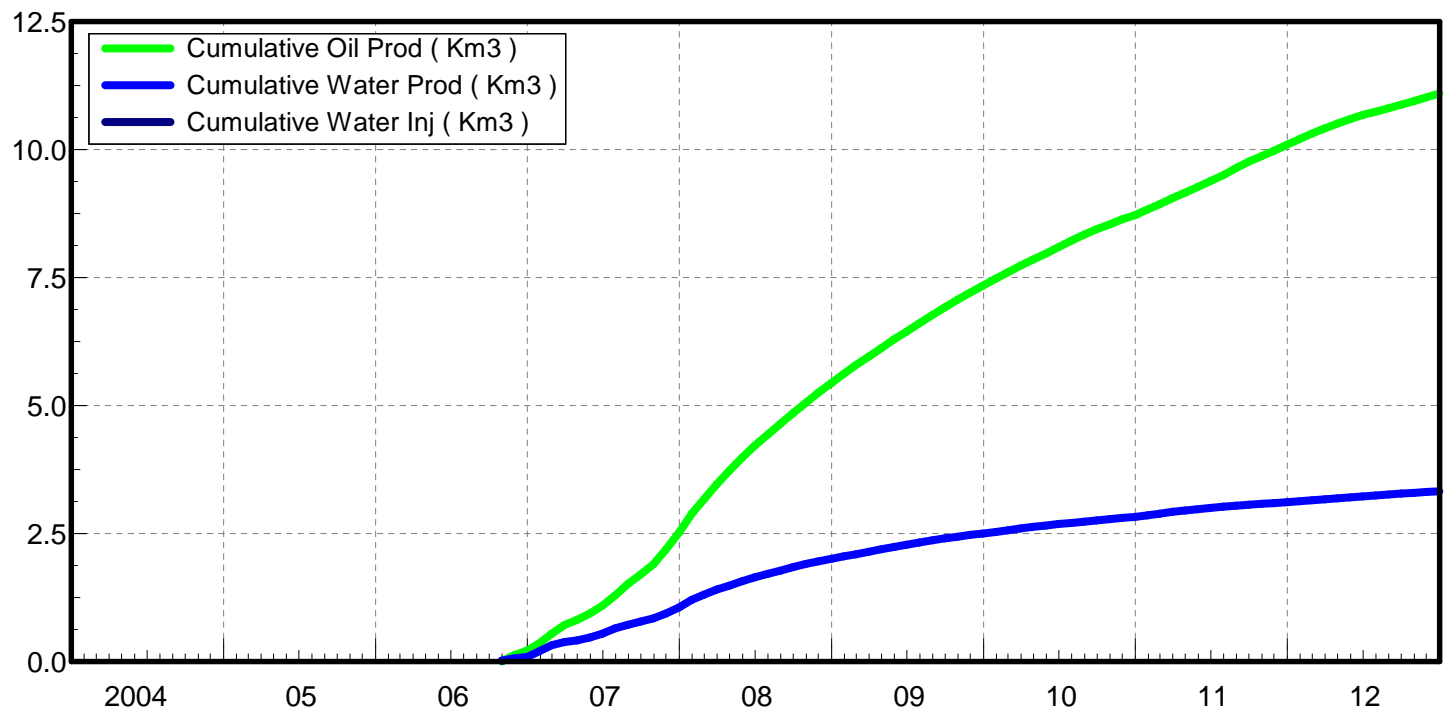
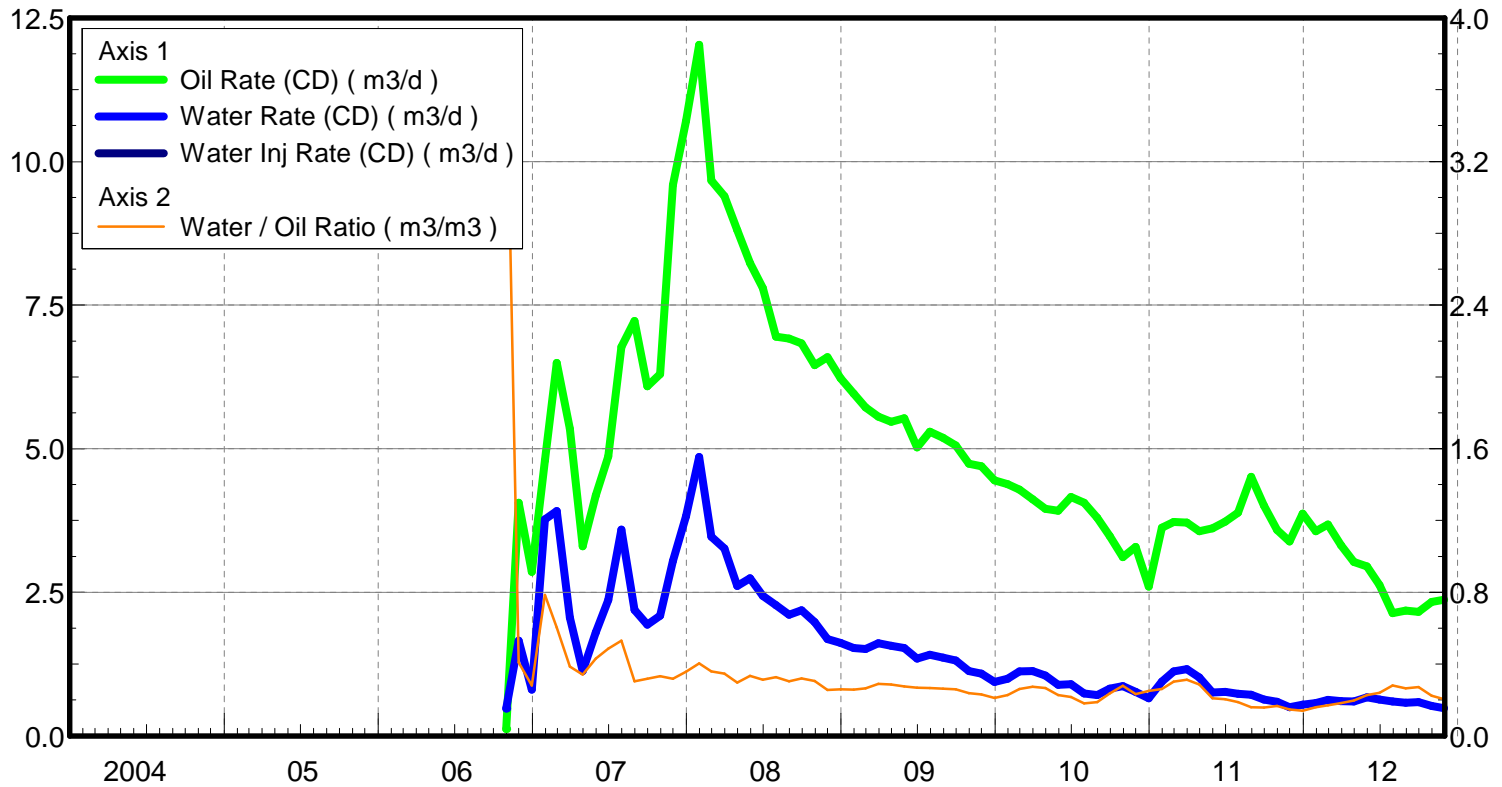
March 13, 2013

Operator: Tundra\_O&G\_Prtshp

Oil Rate (CD) : 2.49 m3/d

Water Rate (CD) : 0.56 m3/d

Water Inj Rate (CD) : \* 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 Replacemnt Ratio
10/31/2006	0.12	0.48	3.88		0.00	0.01	0.00	0.000	0.000
11/30/2006	4.06	1.66	0.41		0.13	0.06	0.00	0.000	0.000
12/31/2006	2.86	0.80	0.28		0.21	0.09	0.00	0.000	0.000
1/31/2007	4.80	3.77	0.79		0.36	0.21	0.00	0.000	0.000
2/28/2007	6.49	3.91	0.60		0.54	0.32	0.00	0.000	0.000
3/31/2007	5.34	2.06	0.39		0.71	0.38	0.00	0.000	0.000
4/30/2007	3.30	1.13	0.34		0.81	0.41	0.00	0.000	0.000
5/31/2007	4.19	1.80	0.43		0.94	0.47	0.00	0.000	0.000
6/30/2007	4.87	2.37	0.49		1.09	0.54	0.00	0.000	0.000
7/31/2007	6.77	3.59	0.53		1.29	0.65	0.00	0.000	0.000
8/31/2007	7.23	2.20	0.30		1.52	0.72	0.00	0.000	0.000
9/30/2007	6.09	1.94	0.32		1.70	0.78	0.00	0.000	0.000
10/31/2007	6.30	2.10	0.33		1.90	0.84	0.00	0.000	0.000
11/30/2007	9.59	3.05	0.32		2.18	0.93	0.00	0.000	0.000
12/31/2007	10.71	3.82	0.36		2.52	1.05	0.00	0.000	0.000
1/31/2008	12.03	4.85	0.40		2.89	1.20	0.00	0.000	0.000
2/29/2008	9.67	3.47	0.36		3.17	1.30	0.00	0.000	0.000
3/31/2008	9.40	3.26	0.35		3.46	1.41	0.00	0.000	0.000
4/30/2008	8.80	2.61	0.30		3.73	1.48	0.00	0.000	0.000
5/31/2008	8.23	2.75	0.33		3.98	1.57	0.00	0.000	0.000
6/30/2008	7.80	2.44	0.31		4.21	1.64	0.00	0.000	0.000
7/31/2008	6.95	2.27	0.33		4.43	1.71	0.00	0.000	0.000
8/31/2008	6.91	2.11	0.30		4.64	1.78	0.00	0.000	0.000
9/30/2008	6.83	2.19	0.32		4.85	1.84	0.00	0.000	0.000
10/31/2008	6.45	1.98	0.31		5.05	1.90	0.00	0.000	0.000
11/30/2008	6.59	1.68	0.26		5.25	1.96	0.00	0.000	0.000
12/31/2008	6.23	1.62	0.26		5.44	2.01	0.00	0.000	0.000
1/31/2009	5.96	1.53	0.26		5.63	2.05	0.00	0.000	0.000
2/28/2009	5.72	1.51	0.26		5.79	2.10	0.00	0.000	0.000
3/31/2009	5.56	1.61	0.29		5.96	2.15	0.00	0.000	0.000
4/30/2009	5.47	1.57	0.29		6.12	2.19	0.00	0.000	0.000
5/31/2009	5.53	1.53	0.28		6.29	2.24	0.00	0.000	0.000
6/30/2009	5.02	1.35	0.27		6.44	2.28	0.00	0.000	0.000
7/31/2009	5.30	1.41	0.27		6.61	2.32	0.00	0.000	0.000
8/31/2009	5.19	1.36	0.26		6.77	2.37	0.00	0.000	0.000
9/30/2009	5.06	1.31	0.26		6.92	2.41	0.00	0.000	0.000
10/31/2009	4.74	1.13	0.24		7.07	2.44	0.00	0.000	0.000
11/30/2009	4.70	1.09	0.23		7.21	2.47	0.00	0.000	0.000
12/31/2009	4.45	0.94	0.21		7.35	2.50	0.00	0.000	0.000
1/31/2010	4.38	1.00	0.23		7.48	2.53	0.00	0.000	0.000
2/28/2010	4.29	1.12	0.26		7.60	2.56	0.00	0.000	0.000
3/31/2010	4.12	1.13	0.27		7.73	2.60	0.00	0.000	0.000
4/30/2010	3.95	1.05	0.27		7.85	2.63	0.00	0.000	0.000
5/31/2010	3.92	0.89	0.23		7.97	2.66	0.00	0.000	0.000
6/30/2010	4.16	0.90	0.22		8.09	2.69	0.00	0.000	0.000
7/31/2010	4.06	0.74	0.18		8.22	2.71	0.00	0.000	0.000
8/31/2010	3.80	0.71	0.19		8.34	2.73	0.00	0.000	0.000
9/30/2010	3.48	0.82	0.24		8.44	2.75	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
10/31/2010	3.11	0.87	0.28		8.54	2.78	0.00	0.000	0.000
11/30/2010	3.29	0.77	0.23		8.64	2.80	0.00	0.000	0.000
12/31/2010	2.60	0.65	0.25		8.72	2.83	0.00	0.000	0.000
1/31/2011	3.62	0.95	0.26		8.83	2.85	0.00	0.000	0.000
2/28/2011	3.73	1.13	0.30		8.94	2.89	0.00	0.000	0.000
3/31/2011	3.72	1.16	0.31		9.05	2.92	0.00	0.000	0.000
4/30/2011	3.56	1.02	0.29		9.16	2.95	0.00	0.000	0.000
5/31/2011	3.62	0.76	0.21		9.27	2.98	0.00	0.000	0.000
6/30/2011	3.73	0.77	0.21		9.38	3.00	0.00	0.000	0.000
7/31/2011	3.88	0.73	0.19		9.50	3.02	0.00	0.000	0.000
8/31/2011	4.51	0.72	0.16		9.64	3.04	0.00	0.000	0.000
9/30/2011	4.01	0.63	0.16		9.76	3.06	0.00	0.000	0.000
10/31/2011	3.58	0.60	0.17		9.87	3.08	0.00	0.000	0.000
11/30/2011	3.39	0.50	0.15		9.97	3.10	0.00	0.000	0.000
12/31/2011	3.87	0.55	0.14		10.09	3.11	0.00	0.000	0.000
1/31/2012	3.56	0.57	0.16		10.20	3.13	0.00	0.000	0.000
2/29/2012	3.68	0.63	0.17		10.31	3.15	0.00	0.000	0.000
3/31/2012	3.32	0.61	0.18		10.41	3.17	0.00	0.000	0.000
4/30/2012	3.03	0.60	0.20		10.51	3.19	0.00	0.000	0.000
5/31/2012	2.95	0.67	0.23		10.60	3.21	0.00	0.000	0.000
6/30/2012	2.63	0.63	0.24		10.68	3.23	0.00	0.000	0.000
7/31/2012	2.14	0.60	0.28		10.74	3.24	0.00	0.000	0.000
8/31/2012	2.18	0.58	0.26		10.81	3.26	0.00	0.000	0.000
9/30/2012	2.16	0.59	0.27		10.87	3.28	0.00	0.000	0.000
10/31/2012	2.33	0.52	0.22		10.95	3.30	0.00	0.000	0.000
11/30/2012	2.37	0.48	0.20		11.02	3.31	0.00	0.000	0.000
12/31/2012	2.49	0.56	0.22		11.09	3.33	0.00	0.000	0.000