

SINCLAIR UNIT NO. 8
WATERFLOOD EOR PROJECT
ANNUAL REPORT FOR 2014

March 30, 2015

Tundra Oil and Gas Partnership

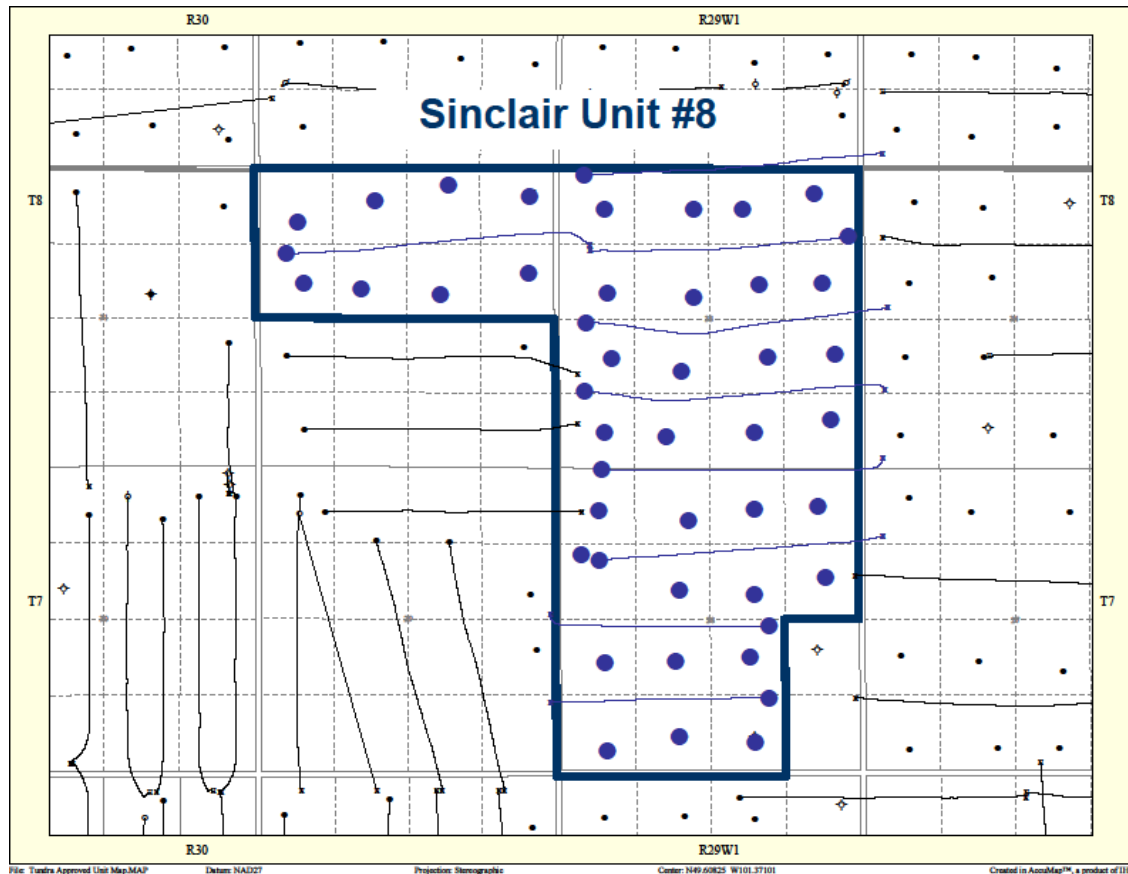
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103/07-28-007-29W1	
102/12-28-007-29W1	
102/12-32-007-29W1	
102/04-33-007-29W1	
102/05-33-007-29W1	
103/05-33-007-29W1	
102/13-33-007-29W1 (Inter-Unit Injector)	
102/16-33-007-29W1	

INTRODUCTION

Sinclair Unit No. 8 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Waterflood Order No. 25 effective July 1, 2013 with Tundra Oil and Gas (Tundra) as Operator. The Unit area contains 47 producing wells in 38 LSDs in Township 7 Range 29 W1 as shown in the figure below.

Figure 1: Sinclair Unit 8 Area Outline



In accordance with Section 73 of the Manitoba Drilling and Production Regulation, Tundra hereby submits the following 2014 Annual Progress Report for Sinclair Unit No. 8.

DISCUSSION

Production History

For the wells included in Sinclair Unit No. 8, production started in March 2004 with 00/12-28-007-29W1. Average oil production peaked at 3.3 m³/d per well in January

2008. This production was coming from 38 wells and totaled 124 m³/d for the whole Unit. In December 2014, the Unit was producing 38.18 m³/d of oil and 34.97 m³/d of water. Water injection commenced in Sinclair Unit No. 8 in August 2013. The rates and WOR are presented in Figure 2.

Figure 2: Sinclair Unit 8 Production/Injection Rates and WOR vs Time

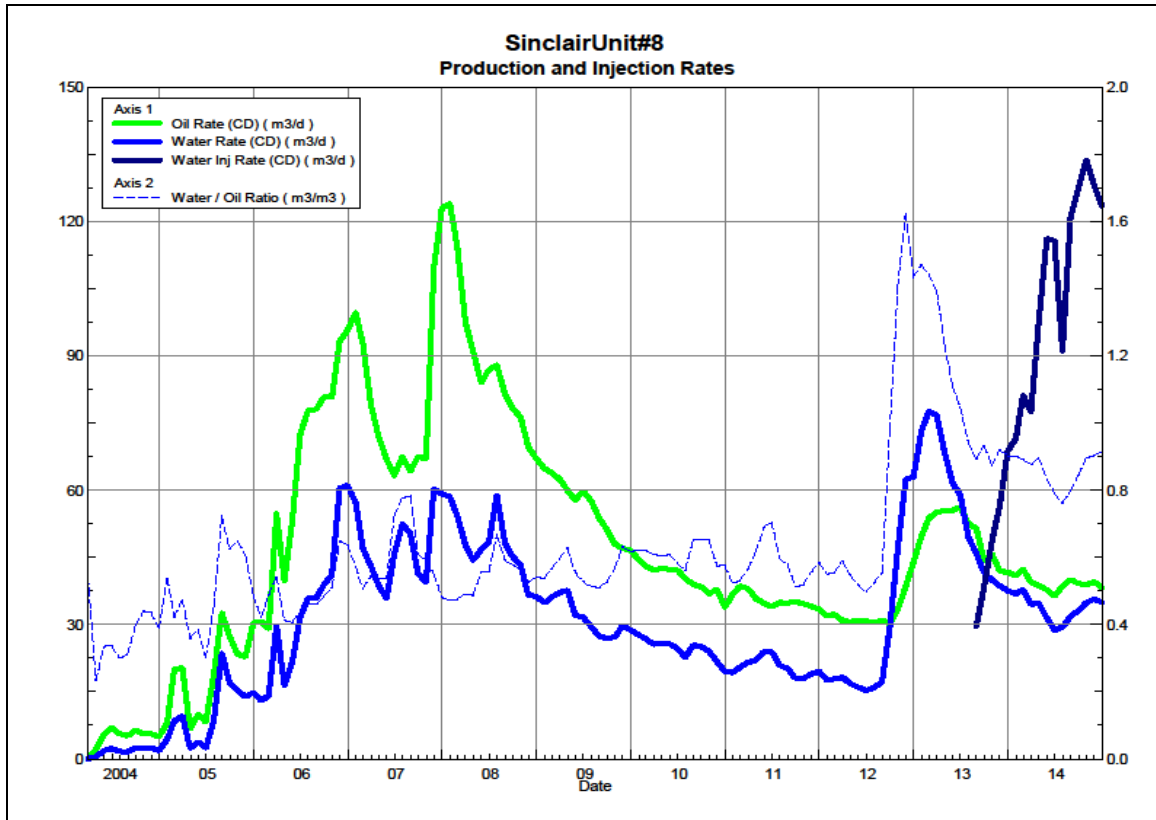
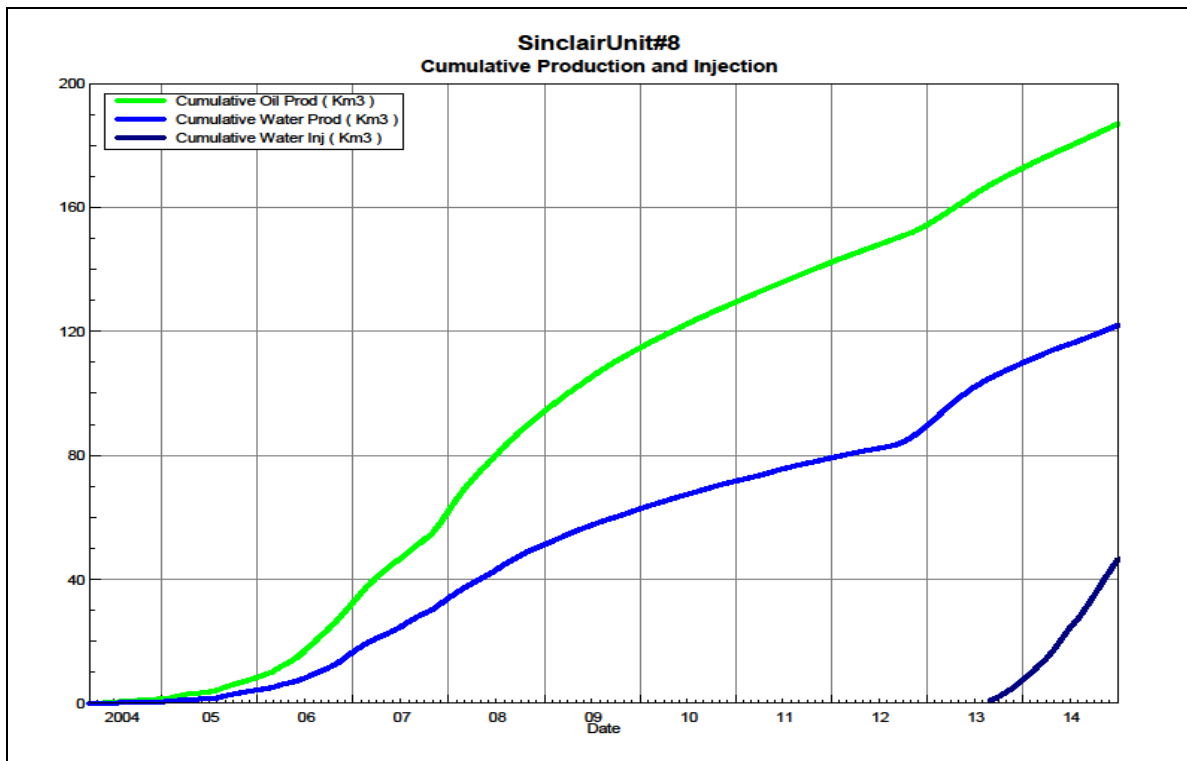


Figure 3 shows the cumulative production for Sinclair Unit No. 8 to the end of December 2014 as 187.0 e³m³ of oil, and 122.1 e³m³ of water, representing an 8.7% recovery factor of the OOIP.

Figure 3: Sinclair Unit 8 Cumulative Oil, Water and Water Injected vs Time



Waterflood Development Plan

Sinclair Unit No. 8 Waterflood (WF) Development Plan

Sinclair Unit No. 8 is still in the development phase at the end of 2014. In 2012, the 8 proposed horizontal injectors were drilled. In 2013, an inter-unit horizontal well was drilled at 02/13-33-007-29W1/0. All of the horizontal wells are fracture stimulated to improve the injection rates. In order to maximize recovery from this Unit, Tundra plans to produce all of the injectors for a short period of time to clean-up the reservoir near the wellbores prior to being converted into water injectors. Water injection commenced in Sinclair Unit No. 8 in August 2013. As of December 2014, Sinclair Unit No. 8 had 5 injection patterns in place, including the inter-unit injector.

Production performance by injector pattern are summarized in Appendix A.

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

Waterflood EOR Operating Strategy and Performance

Water Source and Quality

The injection water for Sinclair Unit No. 8 will be sourced from the 16-32-007-29W1 well (Lodgepole formation). 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

Injection started in this Unit in August 2013. The monthly wellhead injection pressure for each injector is summarized in Appendix C. Since injection in this Unit is still in the early stages, the injectors are still building up to a target injection pressure of 6300 kPaa.

Reservoir Pressure

Where practical, Tundra is committed to collecting pressure data from newly drilled injection wells. For Sinclair Unit No. 8, pressure data taken in 2012 and 2013 from 9 locations is available. A summary table is presented in Appendix B. Pressures are corrected to a common datum of -450 m SS for comparison with other units in the area.

Well Servicing

The following table summarizes the well servicing performed within Sinclair Unit No. 8 during 2014:

Table 1: Sinclair Unit No. 8 Well Servicing

100/15-32-007-29W1/00	Pump Change	11/27/2014
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Waterflood Performance Discussion

As of the end of 2014, 5 wells, including the inter-unit injector, were on injection and 4 wells were producing. The injection patterns generally consist of an east-west horizontal injector placed between 8 vertical producers – 4 to the north, 4 to the south. Conversion of the remaining horizontal wells to water injection is anticipated to take place in Q3 2015.

Plots of the production and injection data along with the VRR information is presented in Appendix D for each of the injection patterns.

List of Appendices

Appendix A: Sinclair Unit No. 8 Injection Pattern Summary

Appendix B: Sinclair Unit No. 8 Reservoir Pressure Summary

Appendix C: Sinclair Unit No. 8 Monthly Injection Pressure Table

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

102/07-28-007-29W1

103/07-28-007-29W1

102/12-28-007-29W1

102/12-32-007-29W1

102/04-33-007-29W1

102/05-33-007-29W1

103/05-33-007-29W1

102/13-33-007-29W1 (Inter-Unit Injector)

102/16-33-007-29W1

Appendix A

Sinclair Unit No. 8 Injection Pattern Summary as of December 2014

Pattern Name	Injector BH Location (007-29W1)	Injector Surf. Location (007-29W1)	Status	Supported Wells (007-29W1)	No. of Supported Wells	Allocation Factor	Pattern Prod Start Month	Inj Start Month	Oil Rate (m³/d)	Water Rate (m³/d)	WOR (m³/m³)	Water Injection (m³/d)	Cum Oil (E³m³)	Cum Water (E³m³)	Cum Inj Water (E³m³)	Monthly VRR	Cum VRR
02/07-28-007-29W1 Injector	02/07-28	02/01-29	Capable Of Oil Prod	02-28, 03-28, 04-28, 05-28, 06-28, 07-28	6	0.5	Aug 2004	-	5.2	7.0	1.35		15.3	10.8	0.0	0.0	0.00
03/07-28-007-29W1 Injector	03/07-28	03/09-29	Water Injection	05-28, 06-28, 07-28, 09-28, 10-28, 11-28, 12-28	7	0.5	Mar 2004	Jan 2014	2.1	1.0	0.47	25.1	17.8	8.8	6.1	7.6	0.22
02/12-28-007-29W1 Injector	02/12-28	02/13-27	Capable Of Oil Prod	09-28, 10-28, 11-28, 12-28, 13-28, 14-28, 15-28, 16-28	8	0.5	Mar 2004	-	4.7	5.0	1.06		20.5	11.9	0.0	0.0	0.00
02/12-32-007-29W1 Injector	02/12-32	02/13-33	Capable Of Oil Prod	09-32, 10-32, 11-32, 12-32, 13-32, 14-32, 15-32, 16-32	8	0.5	Jul 2005	-	3.6	5.4	1.48		17.9	18.5	0.0	0.0	0.00
02/04-33-007-29W1 Injector	02/04-33	02/04-34	Water Injection	13-28, 14-28, 15-28, 16-28, 01-33, 02-33, 03-33, 04-33	8	0.5	Jun 2005	Aug 2013	3.1	2.4	0.76	27.8	15.8	12.6	12.1	4.9	0.41
02/05-33-007-29W1 Injector	02/05-33	02/05-34	Water Injection	01-33, 02-33, 03-33, 04-33, 05-33, 06-33, 07-33, 08-33	8	0.5	Jun 2005	Aug 2013	3.3	3.9	1.16	24.9	13.9	14.4	12.0	3.4	0.41
03/05-33-007-29W1 Injector	03/05-33	03/12-34	Water Injection	05-33, 06-33, 07-33, 08-33, 09-33, 10-33, 11-33, 12-33	8	0.5	Jan 2005	Oct 2013	2.9	3.8	1.29	31.2	19.3	13.3	11.2	4.5	0.33
02/16-33-007-29W1 Injector	02/16-33	02/12-33	Capable Of Oil Prod	09-33, 10-33, 11-33, 12-33, 13-33, 14-33, 15-33, 16-33	8	0.5	Jan 2005	-	7.2	3.7	0.52		29.8	11.7	0.0	0.0	0.00
02/13-33-007-29W1 Injector (Inter-Unit Injector)	02/13-33	02/04-03-008-29W1	Water Injection	13-33, 14-33, 15-33, 16-33, 01-04, 02-04, 03-04, 04-04 (008-29W1)	8	0.5	Jul 2004	Nov 2013	5.7	1.8	0.32	28.9	23.6	6.2	10.3	3.6	0.33

APPENDIX B

Sinclair Unit No. 8 - Pressure Summary

Location	Test Date	Final Pressure (kPaa)	MPP (mTVD)	KB	Datum Depth	Gradient	Pressure @ -450 masl
102/07-28-007-29W1/00	Jun 12 - Aug 21, 2012	3119.6	1003.52	518.46	-450	8.25	2830
103/07-28-007-29W1/00	Jun 20 - Aug 5, 2012	2726.5	1005.65	521.9	-450	8.25	2448
102/12-28-007-29W1/0	Oct 25, 2012 - Jan 14, 2013	2557.0	1010.1	524.91	-450	8.25	2267
102/12-32-007-29W1/00	Aug 26 - Sep 17, 2012	3395.6	1007.52	526.14	-450	8.25	3137
102/04-33-007-29W1/00	Oct 17 - 26, 2012	2948.8	1010.91	524.55	-450	8.25	2649
102/05-33-007-29W1/00	Oct 10 - Nov 5, 2012	3119.1	1005.61	524.01	-450	8.25	2858
103/05-33-007-29W1/00	Jun 28 - Aug 7, 2012	2554.4	1003.37	525.29	-450	8.25	2323
102/13-33-007-29W1/00	Jul 20 - 24, 2013	2457.4	989.07	525.65	-450	8.25	2347
102/16-33-007-29W1/00	Sep 12 - 28, 2012	2234.5	996.56	526.11	-450	8.25	2066

Appendix C

Average Monthly Injection Pressure (kPag)

Month	Injection Pressure				
	103/07-28	102/04-33	102/05-33	103/05-33	102/13-33
Jan-13	-	-	-	-	-
Feb-13	-	-	-	-	-
Mar-13	-	-	-	-	-
Apr-13	-	-	-	-	-
May-13	-	-	-	-	-
Jun-13	-	-	-	-	-
Jul-13	0	0	0	0	0
Aug-13	0	0	0	0	0
Sep-13	0	0	0	0	0
Oct-13	0	0	0	0	0
Nov-13	0	0	0	0	0
Dec-13	0	0	0	0	0
Jan-14	50	0	0	0	0
Feb-14	-62	0	0	0	0
Mar-14	-80	-17	0	-69	0
Apr-14	-82	-86	-3	-79	-72
May-14	-81	-87	-75	-84	-82
Jun-14	-81	-87	8	-83	-79
Jul-14	-79	-83	43	-82	-78
Aug-14	-81	-85	563	-83	-70
Sep-14	530	-84	720	-81	-74
Oct-14	1643	-84	1464	-79	-72
Nov-14	2720	-84	1869	-80	-74
Dec-14	3292	-25	2010	44	-73

Appendix D

Rates and VRR Plots

Pattern: 02/07-28-007-29Inj Set: SinclairUnit#8

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 1.35 m3/m3

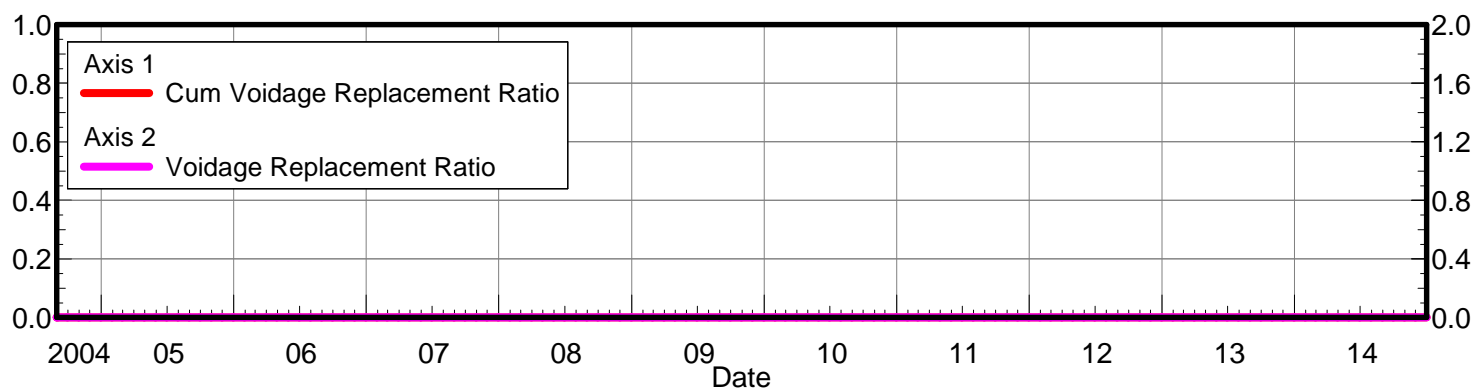
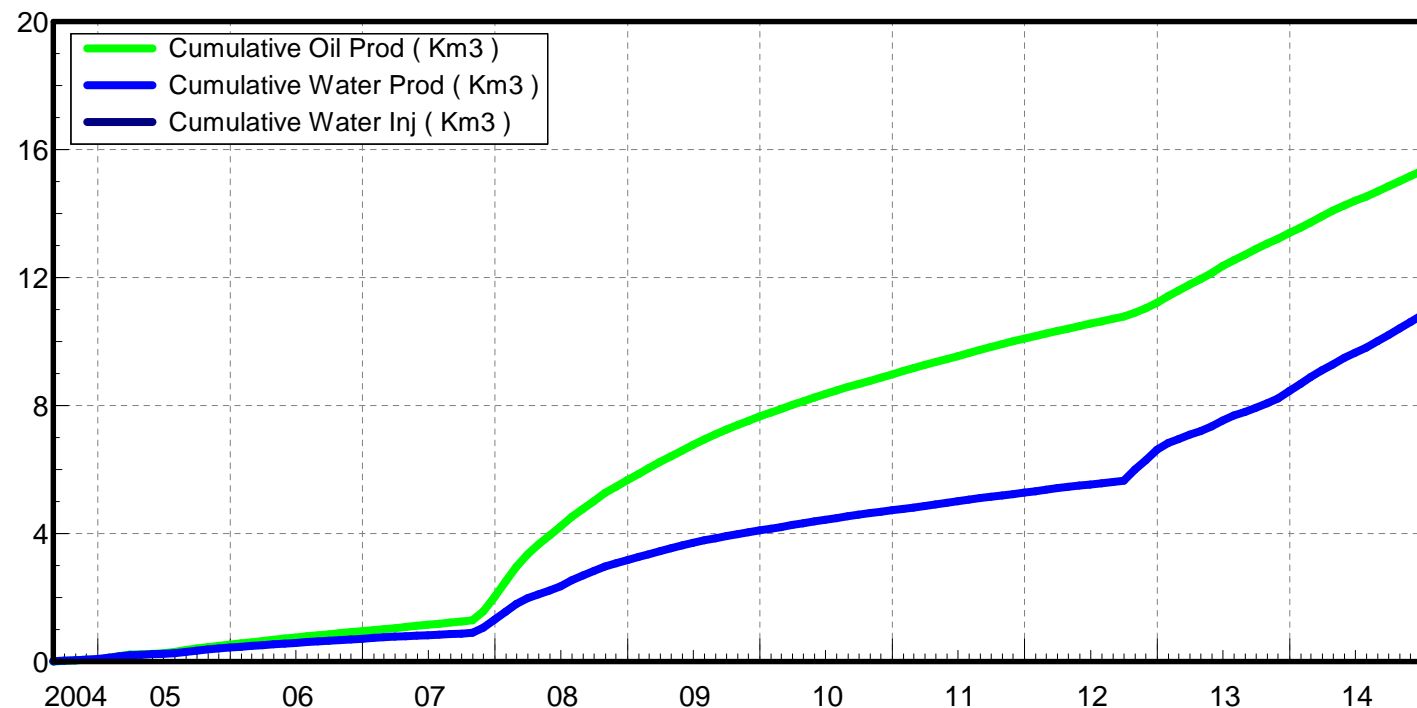
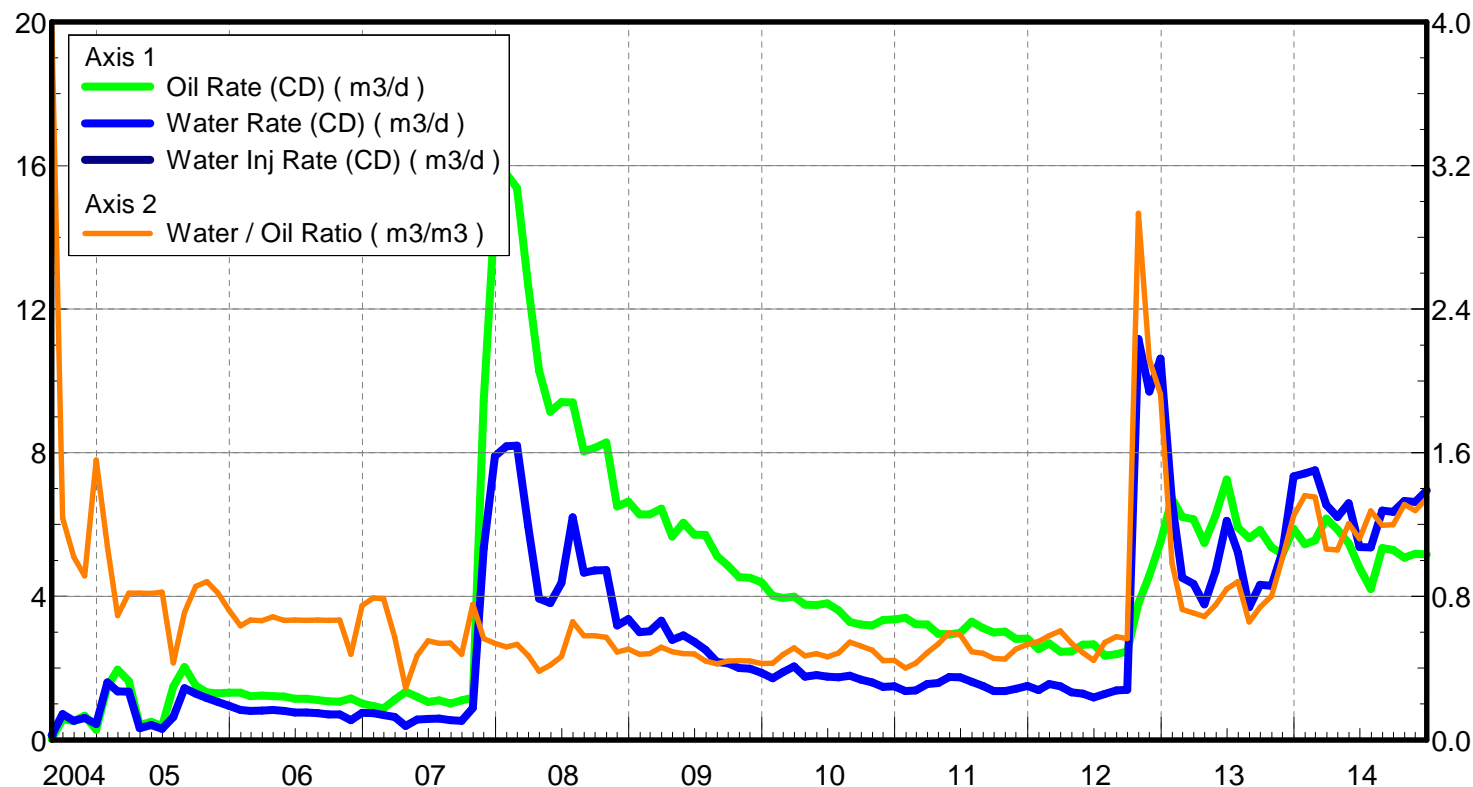
March 25, 2015

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 5.16 m3/d

Water Rate (CD) : 6.95 m3/d

Water Inj Rate (CD) : * m3/d



Pattern: 03/07-28-007-29Inj Set: SinclairUnit#8

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.47 m3/m3

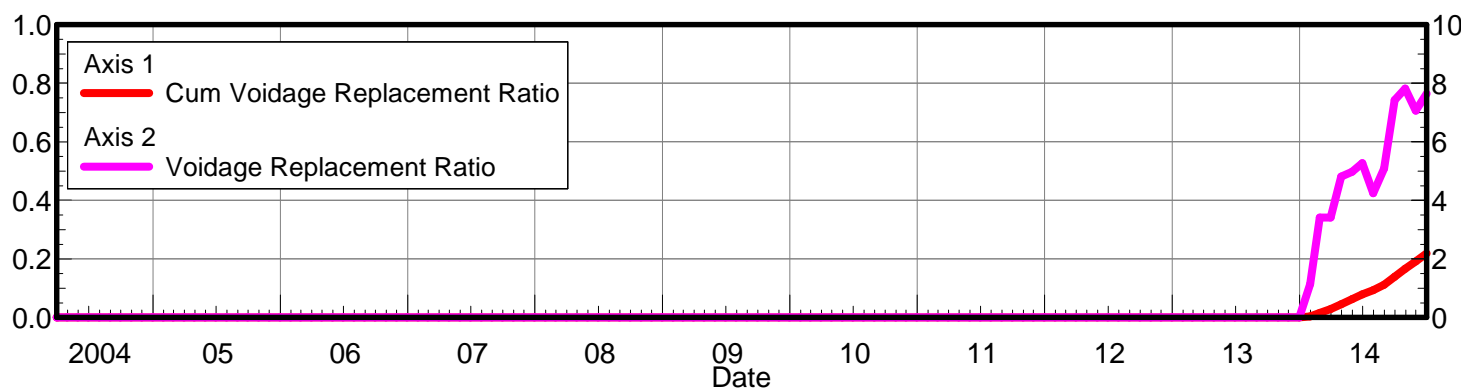
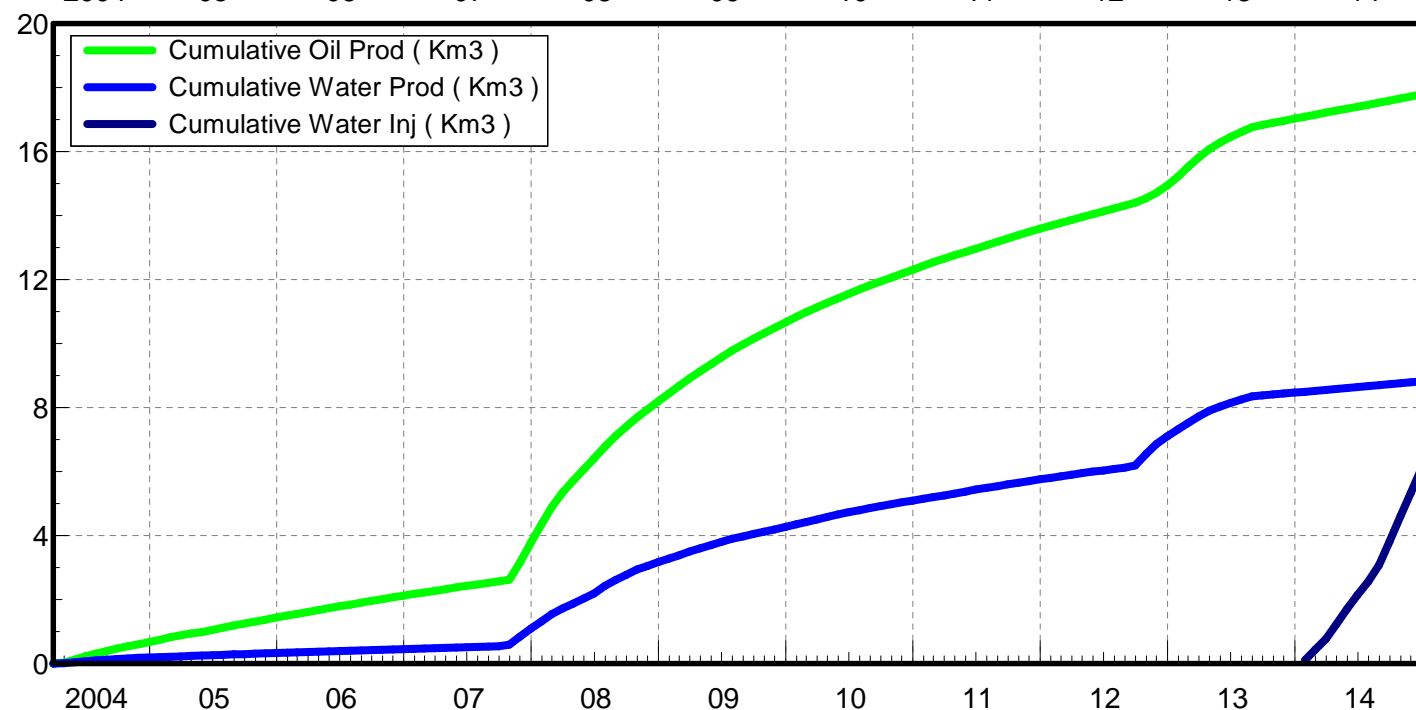
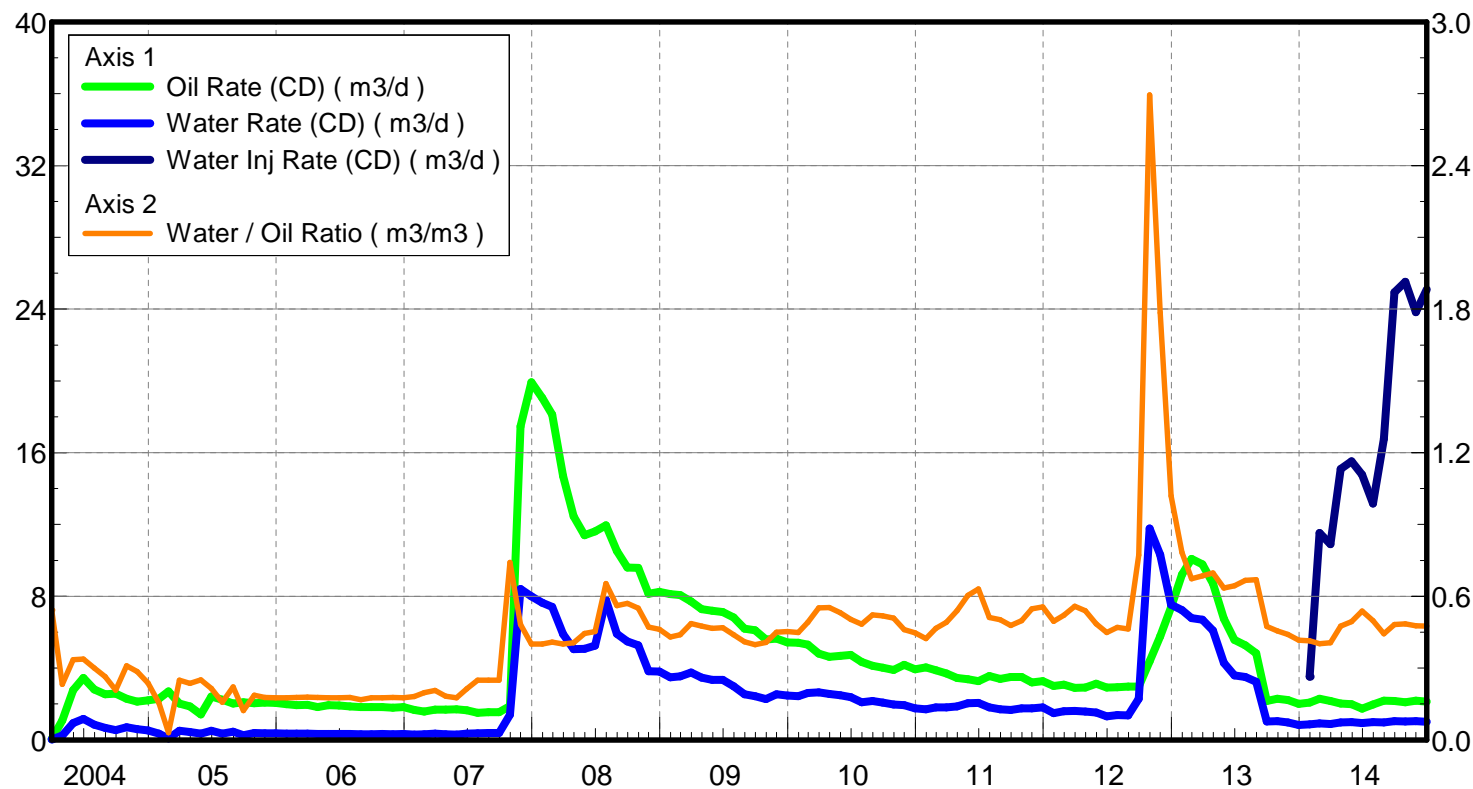
March 25, 2015

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 2.13 m3/d

Water Rate (CD) : 1.01 m3/d

Water Inj Rate (CD) : 25.10 m3/d



Pattern: 02/12-28-007-29Inj Set: SinclairUnit#8

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 1.06 m3/m3

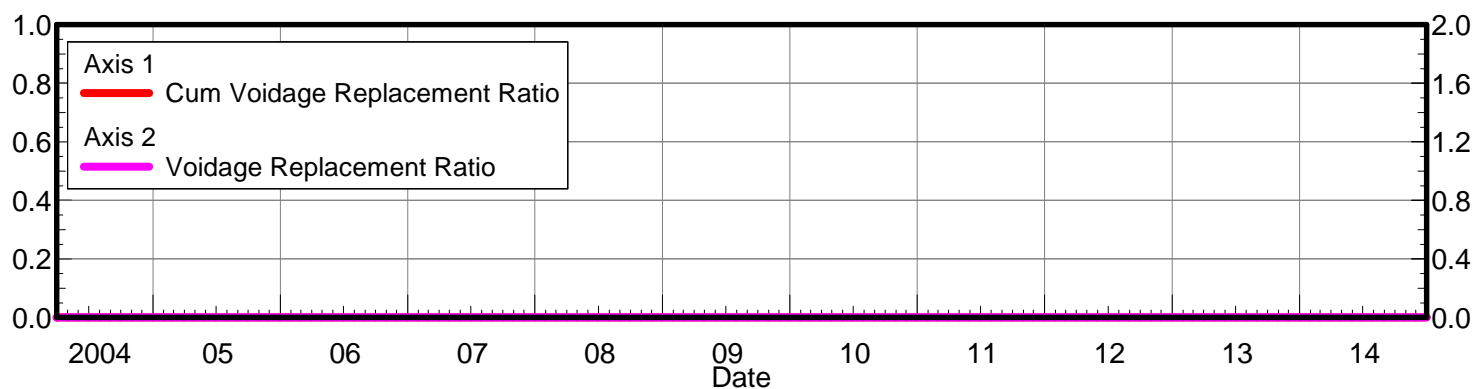
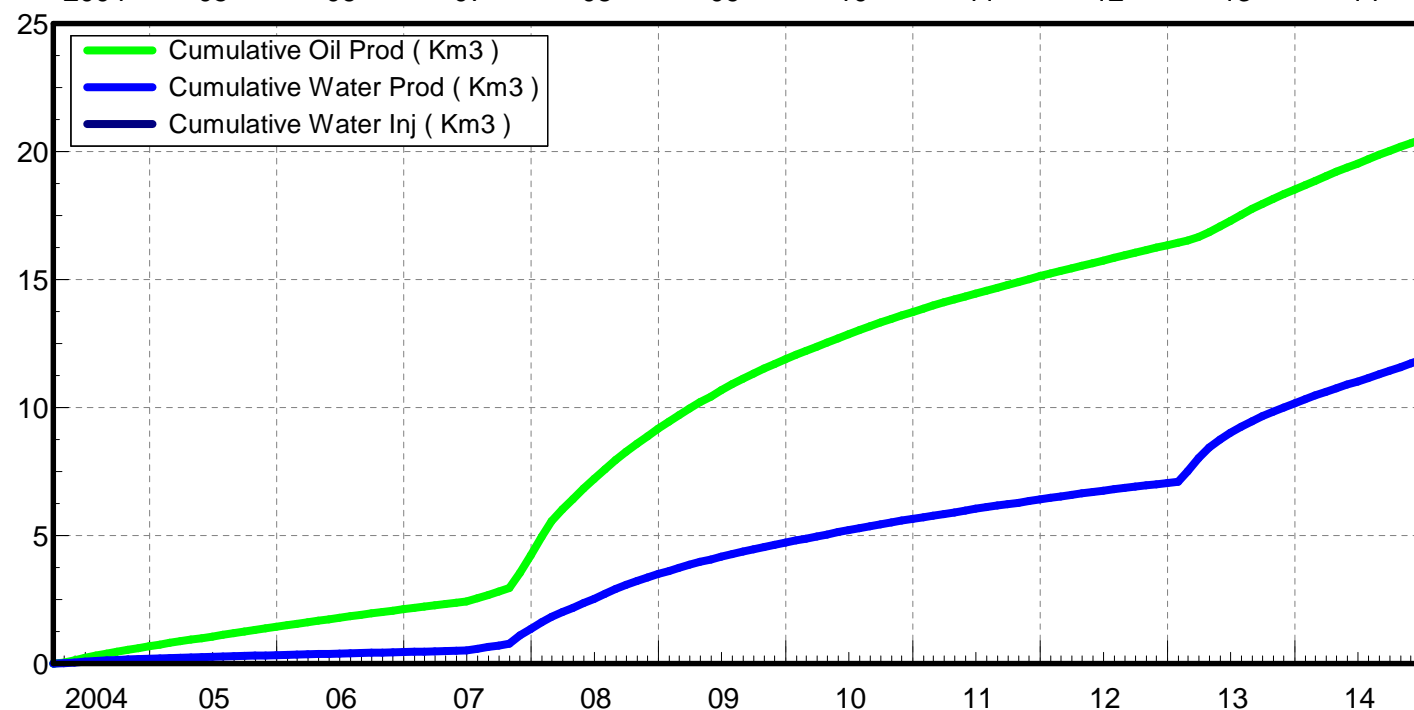
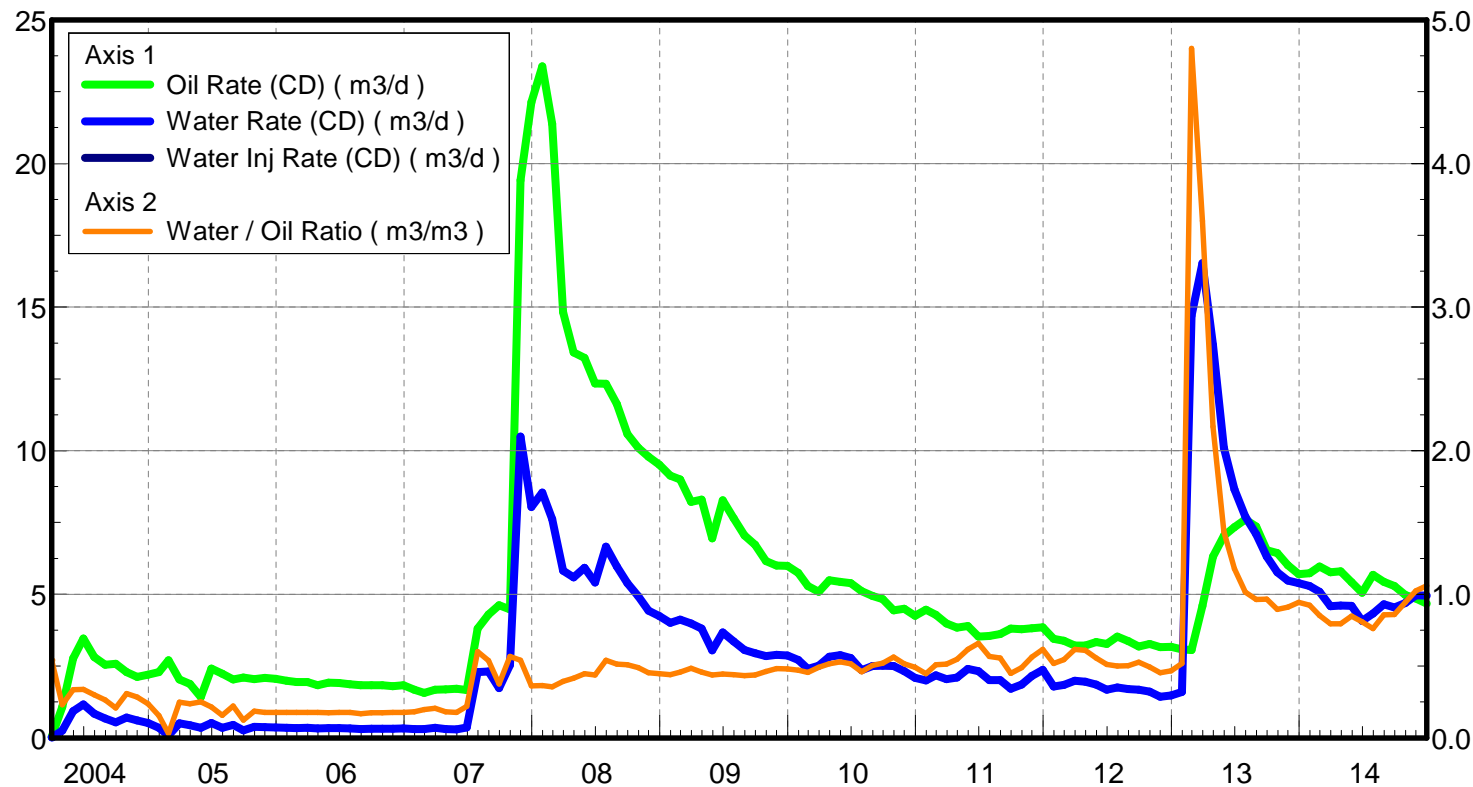
March 25, 2015

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 4.68 m3/d

Water Rate (CD) : 4.96 m3/d

Water Inj Rate (CD) : * m3/d



Pattern: 02/12-32-007-29Inj Set: SinclairUnit#8

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 1.48 m3/m3

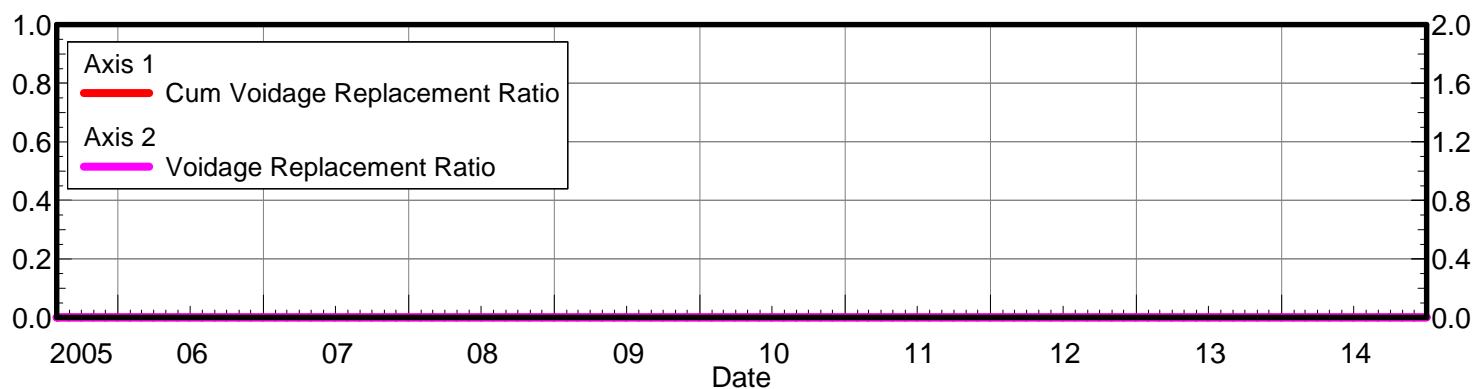
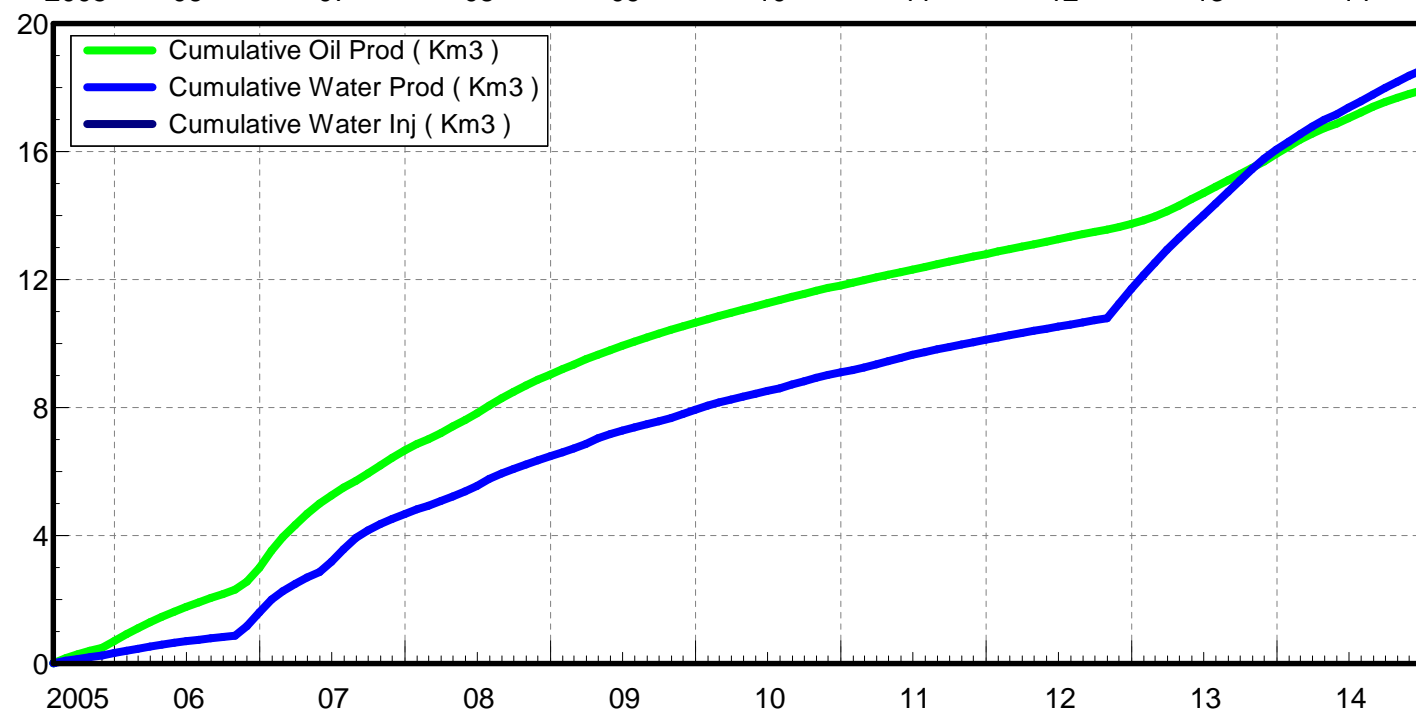
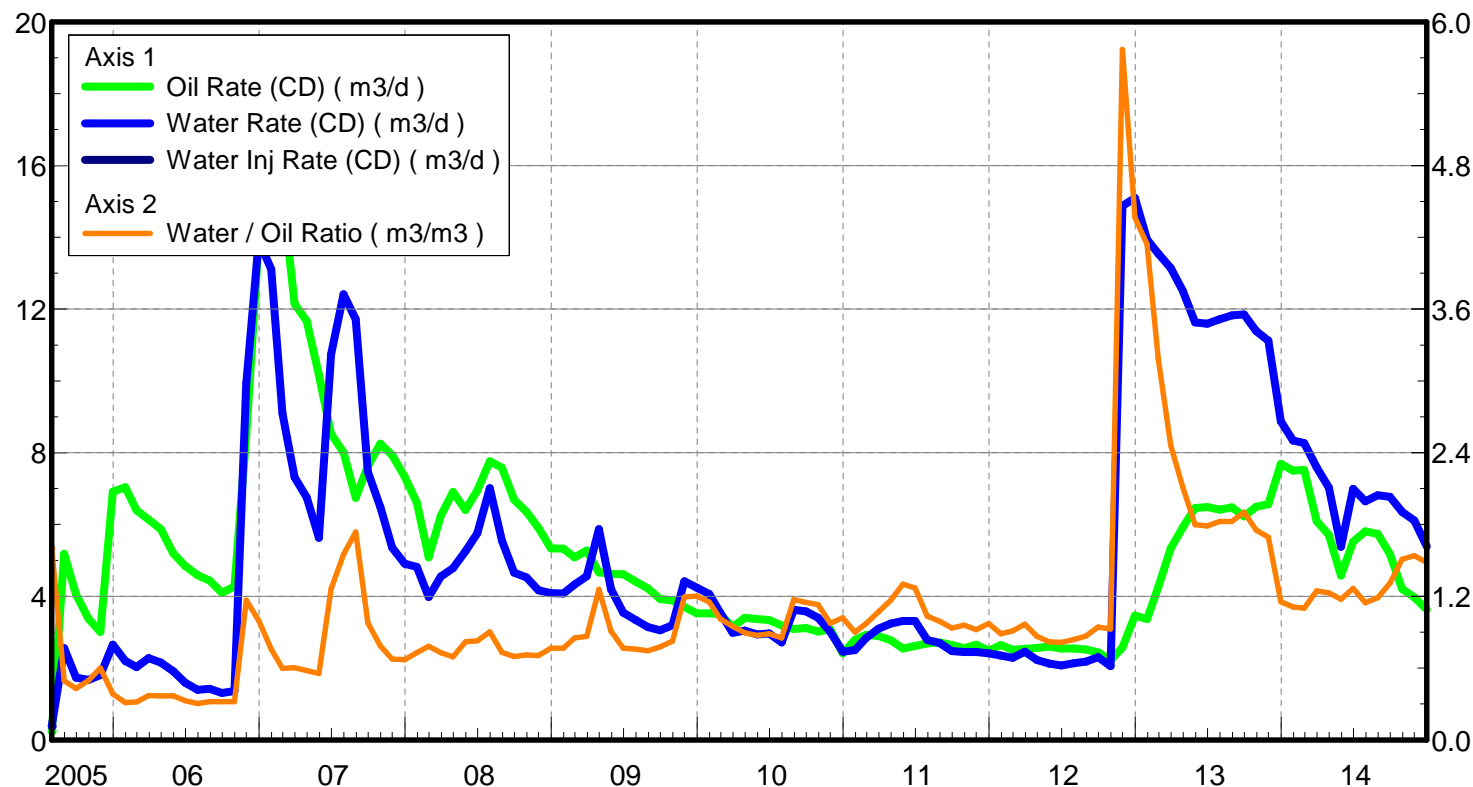
March 25, 2015

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 3.63 m3/d

Water Rate (CD) : 5.39 m3/d

Water Inj Rate (CD) : * m3/d



Pattern: 02/04-33-007-29Inj Set: SinclairUnit#8

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.76 m3/m3

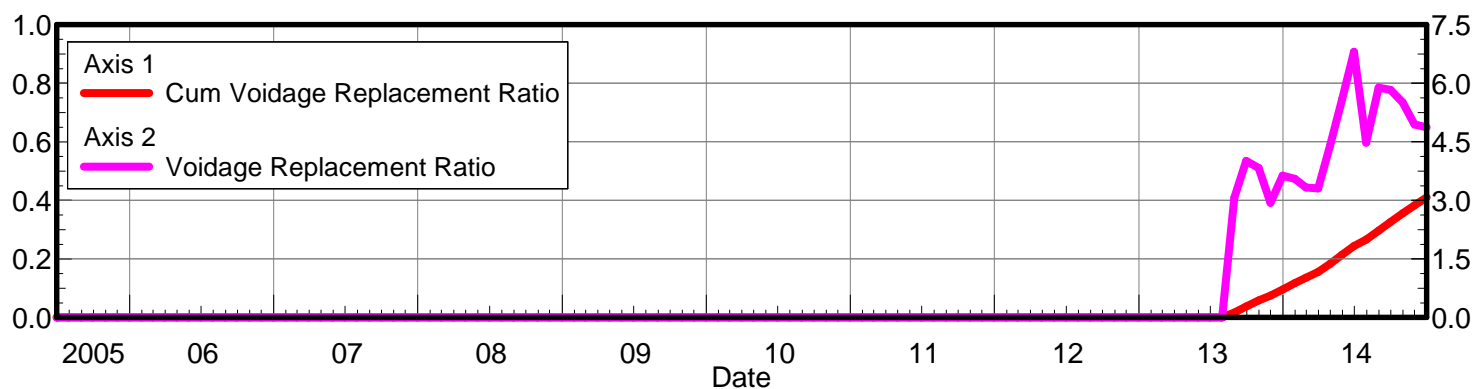
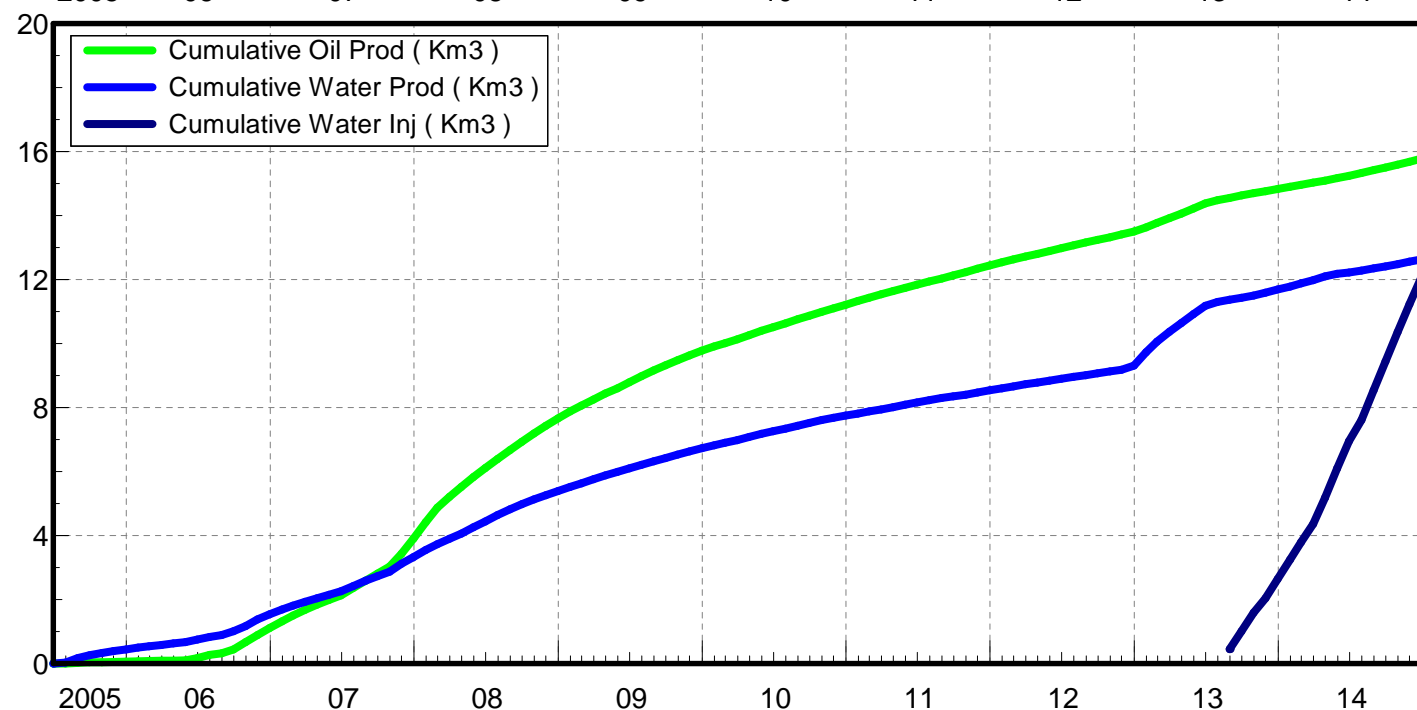
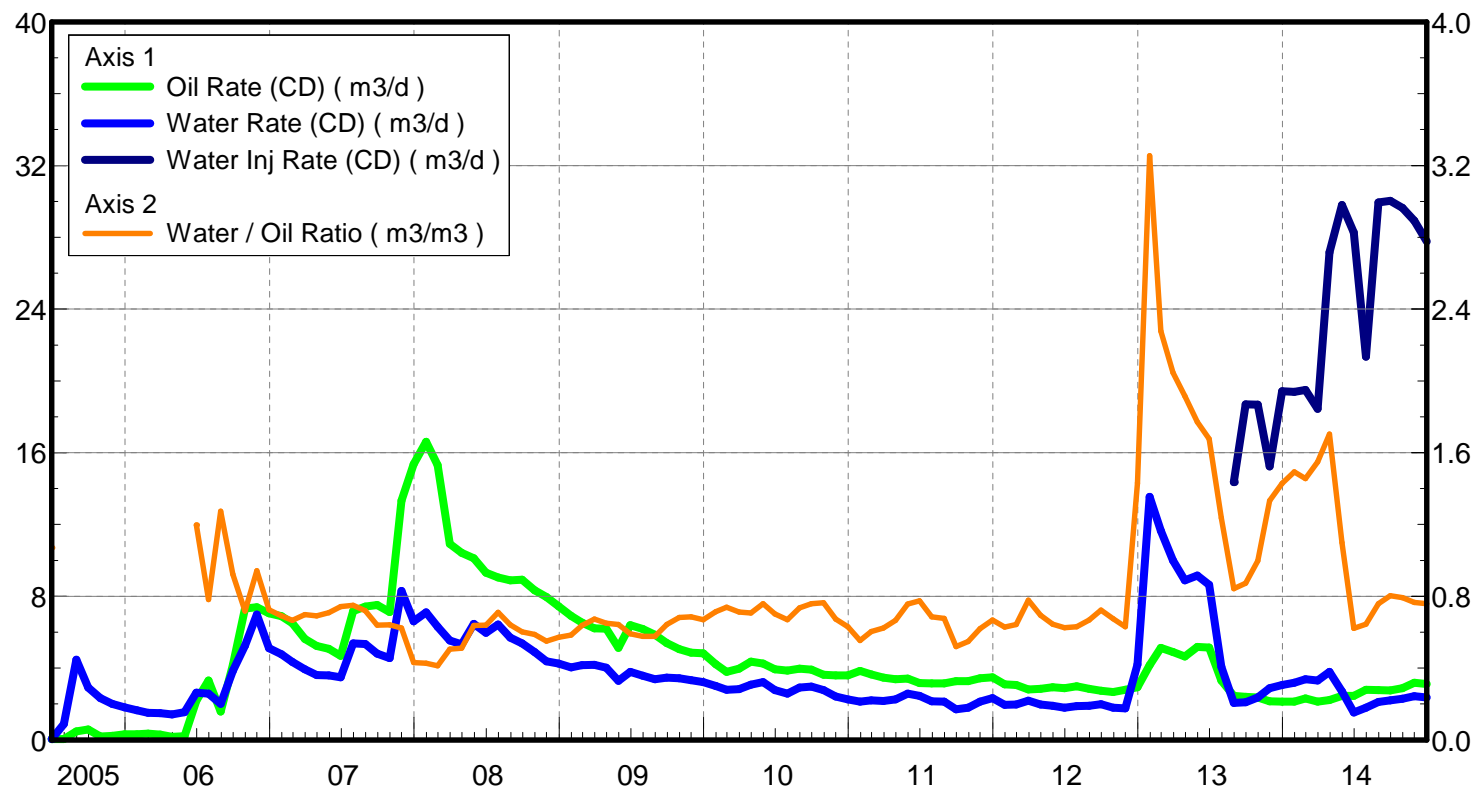
March 25, 2015

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 3.12 m3/d

Water Rate (CD) : 2.37 m3/d

Water Inj Rate (CD) : 27.77 m3/d



Pattern: 02/05-33-007-29Inj Set: SinclairUnit#8

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 1.16 m3/m3

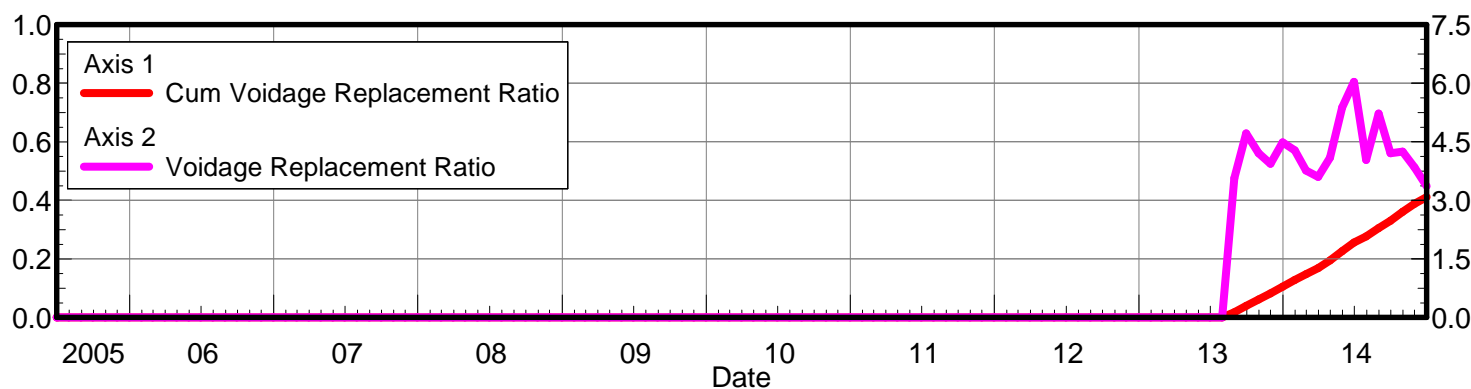
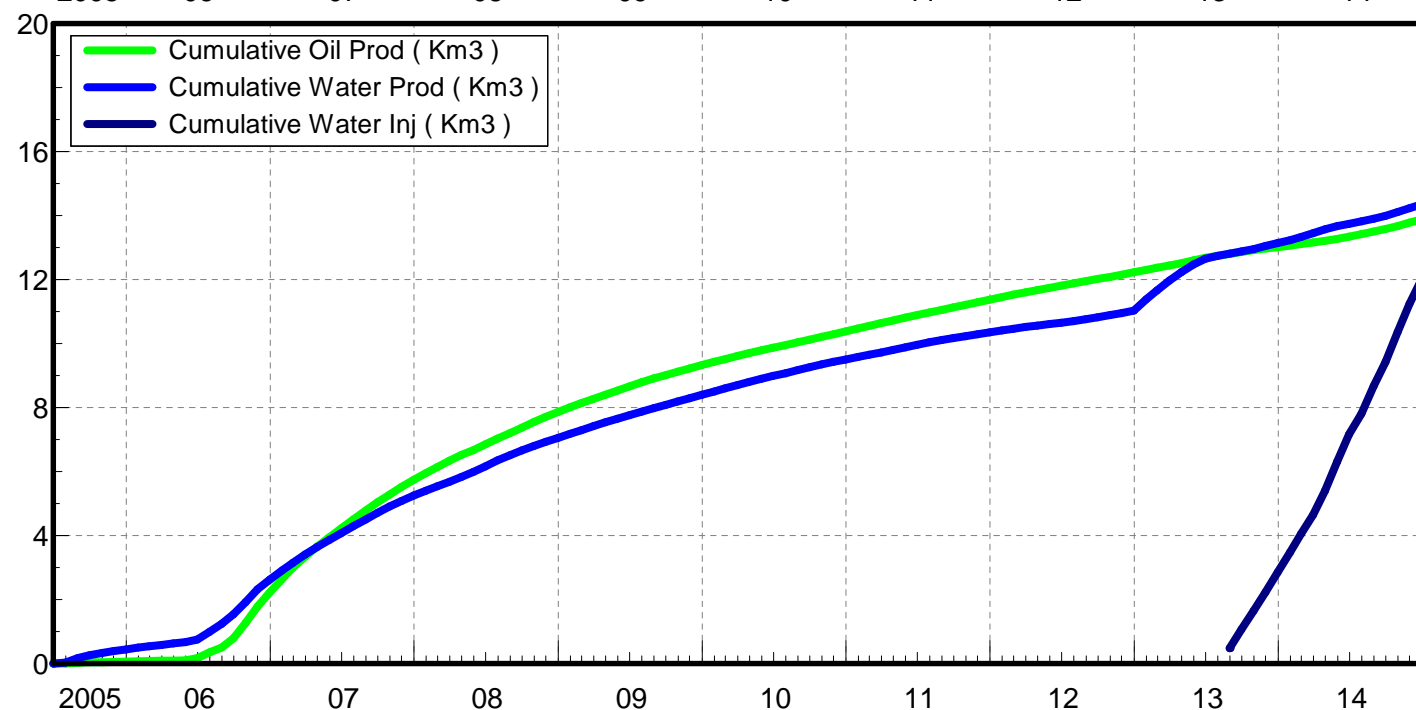
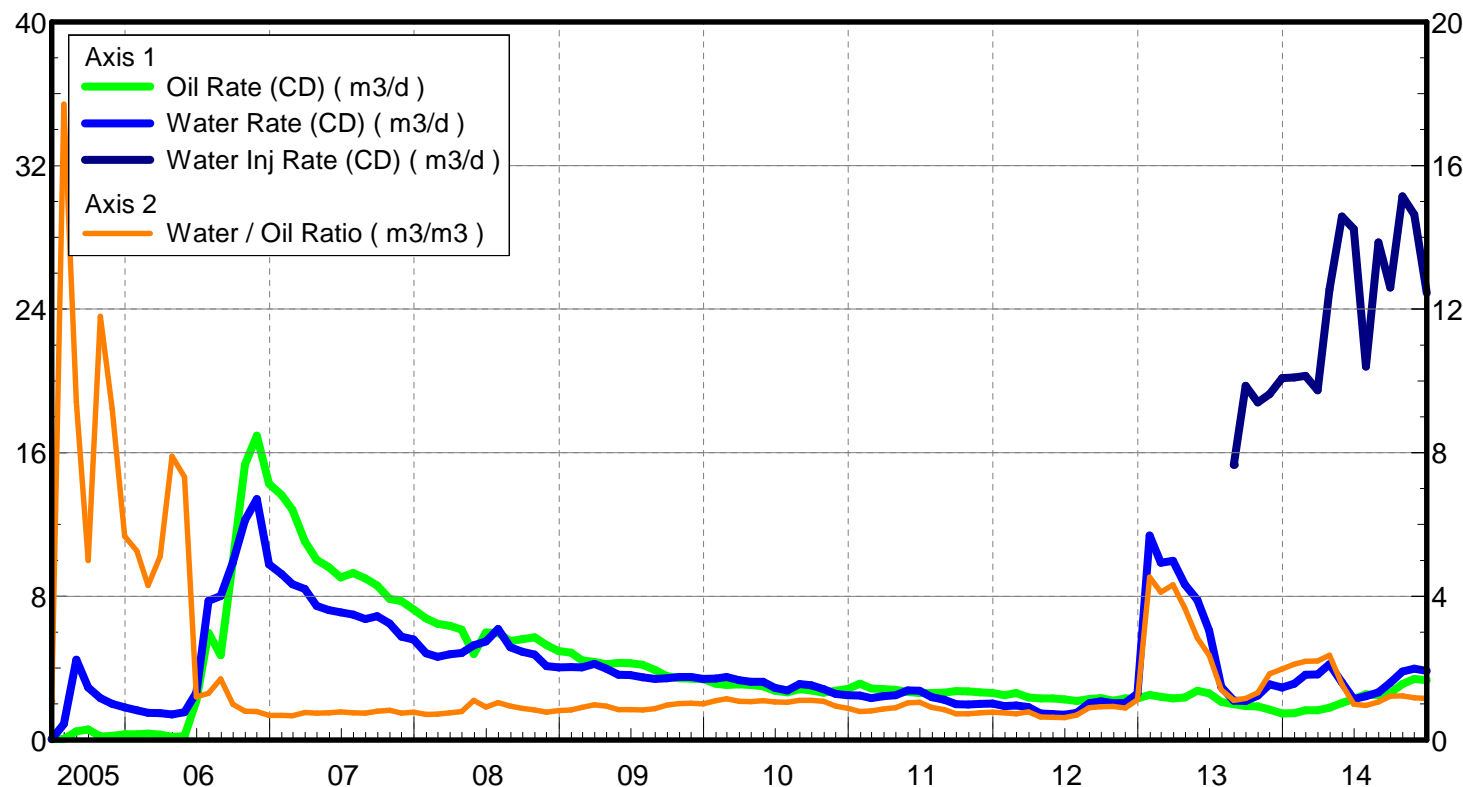
March 25, 2015

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 3.32 m3/d

Water Rate (CD) : 3.85 m3/d

Water Inj Rate (CD) : 24.90 m3/d



Pattern: 03/05-33-007-29Inj Set: SinclairUnit#8

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 1.29 m3/m3

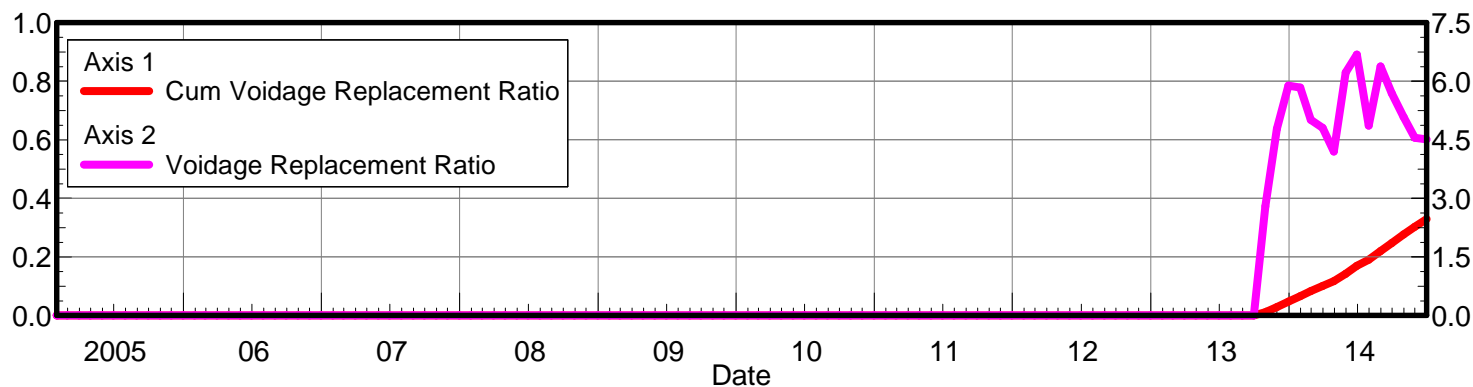
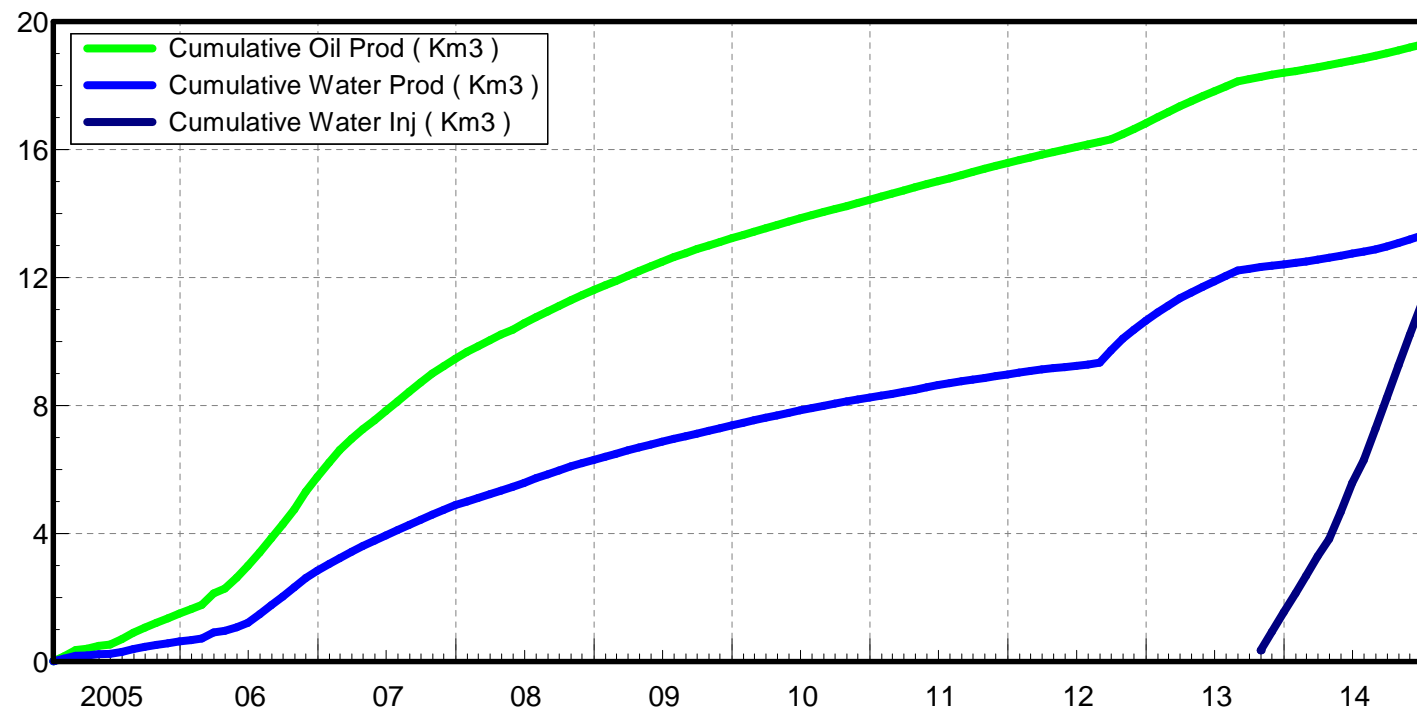
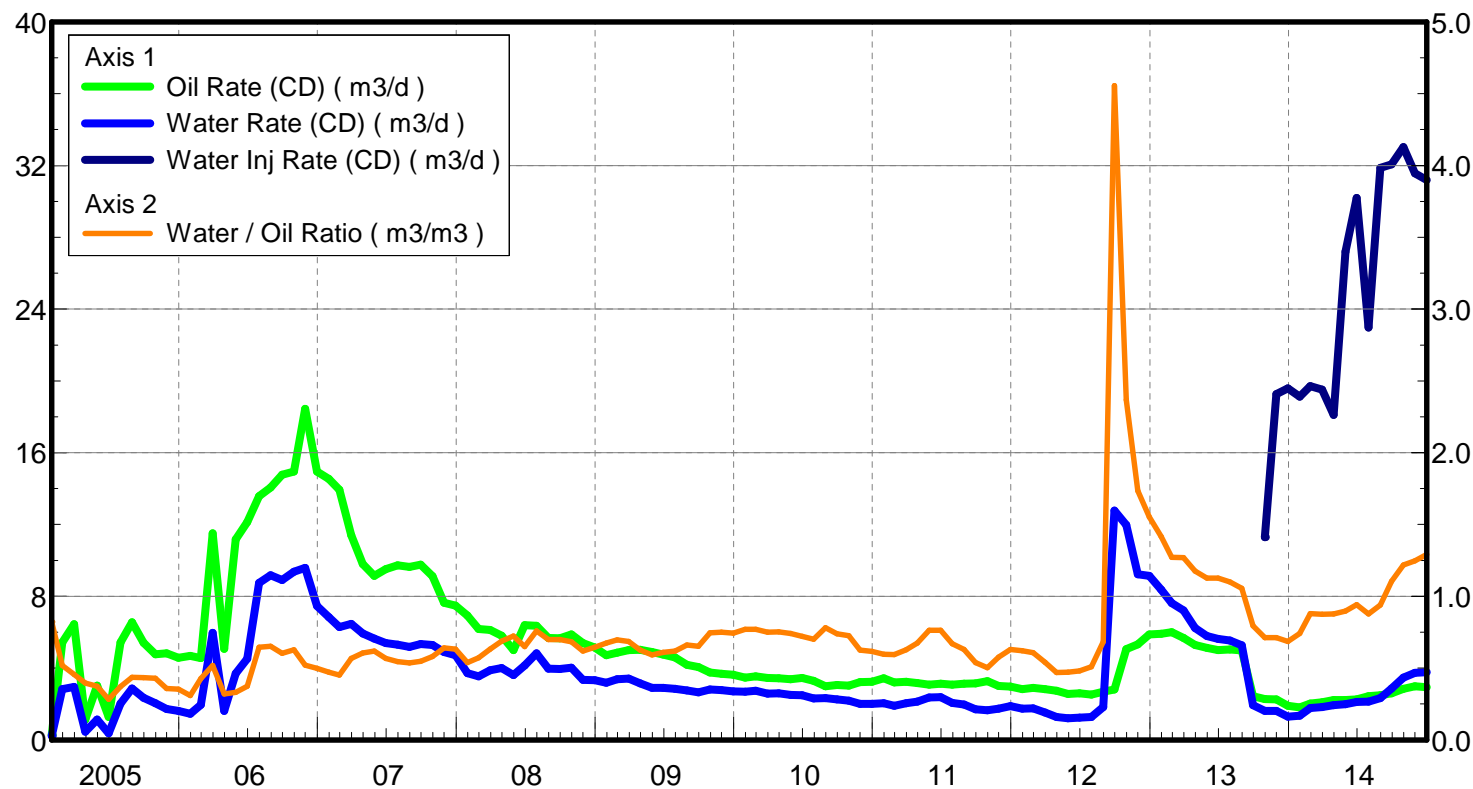
March 25, 2015

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 2.93 m3/d

Water Rate (CD) : 3.78 m3/d

Water Inj Rate (CD) : 31.19 m3/d



Pattern: 02/16-33-007-29Inj Set: SinclairUnit#8

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.52 m3/m3

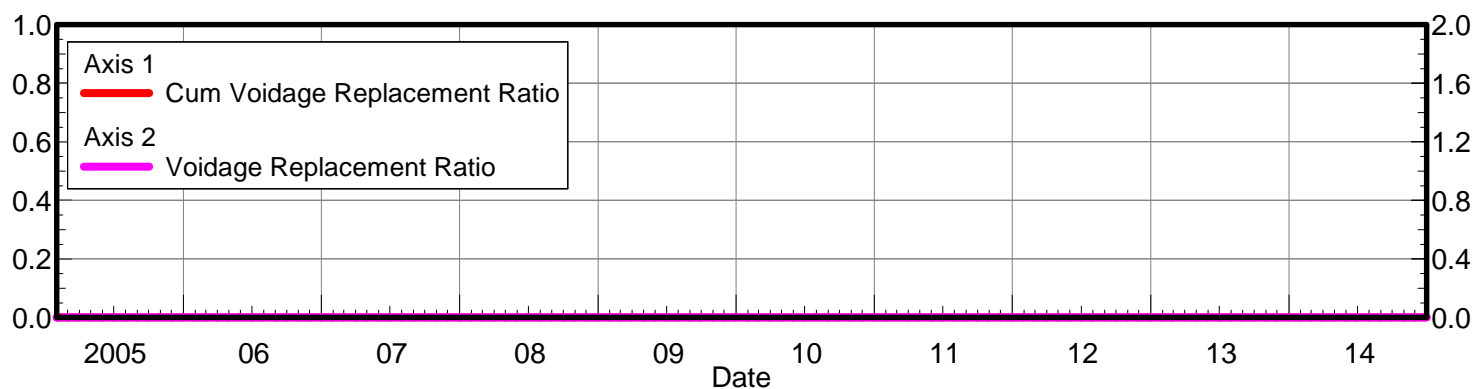
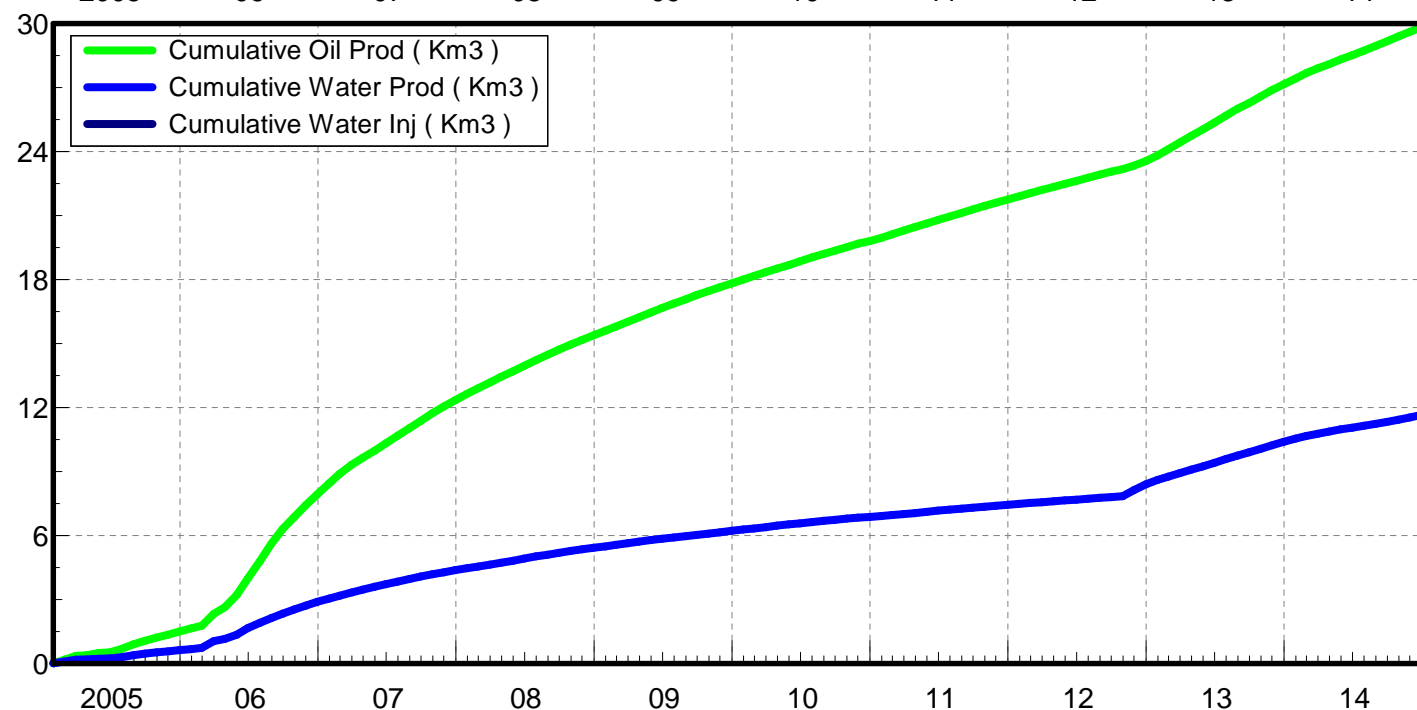
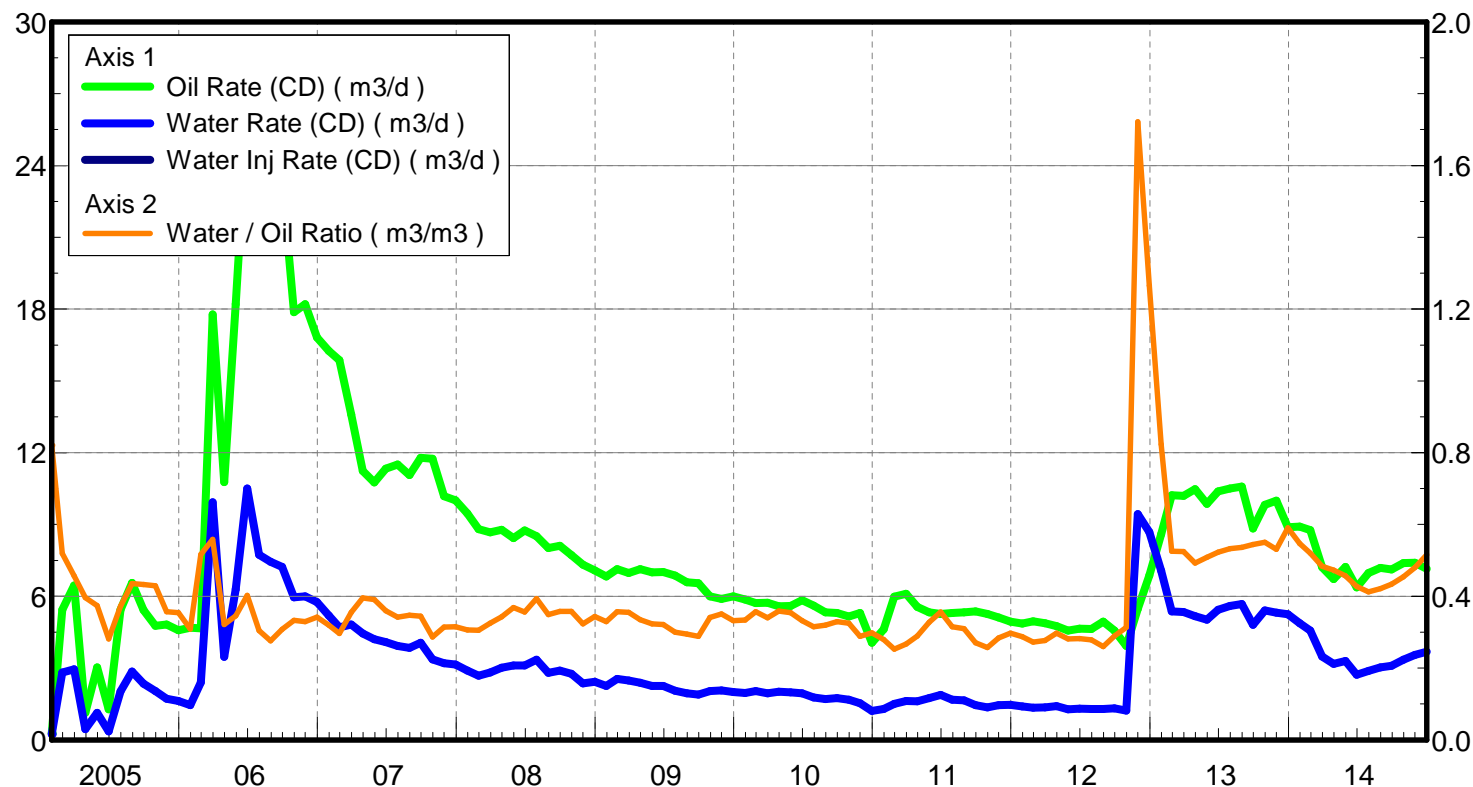
March 25, 2015

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 7.15 m3/d

Water Rate (CD) : 3.69 m3/d

Water Inj Rate (CD) : * m3/d



Pattern: 02/13-33-007-29Inj Set: SinclairUnit#8

Oil Formation Vol Factor : 1.07100 m3/m3

Water Formation Vol Factor : 1.00150 m3/m3

Water / Oil Ratio : 0.32 m3/m3

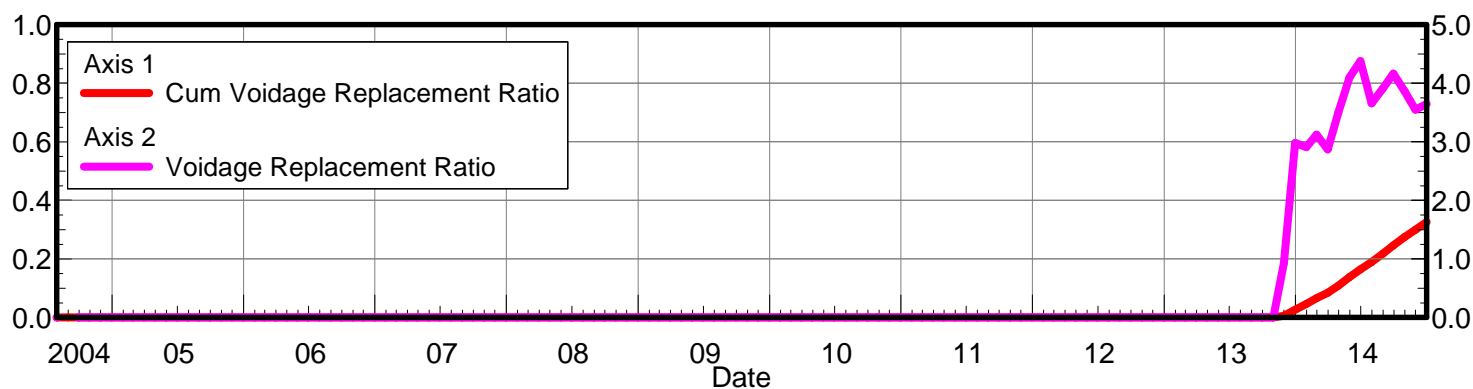
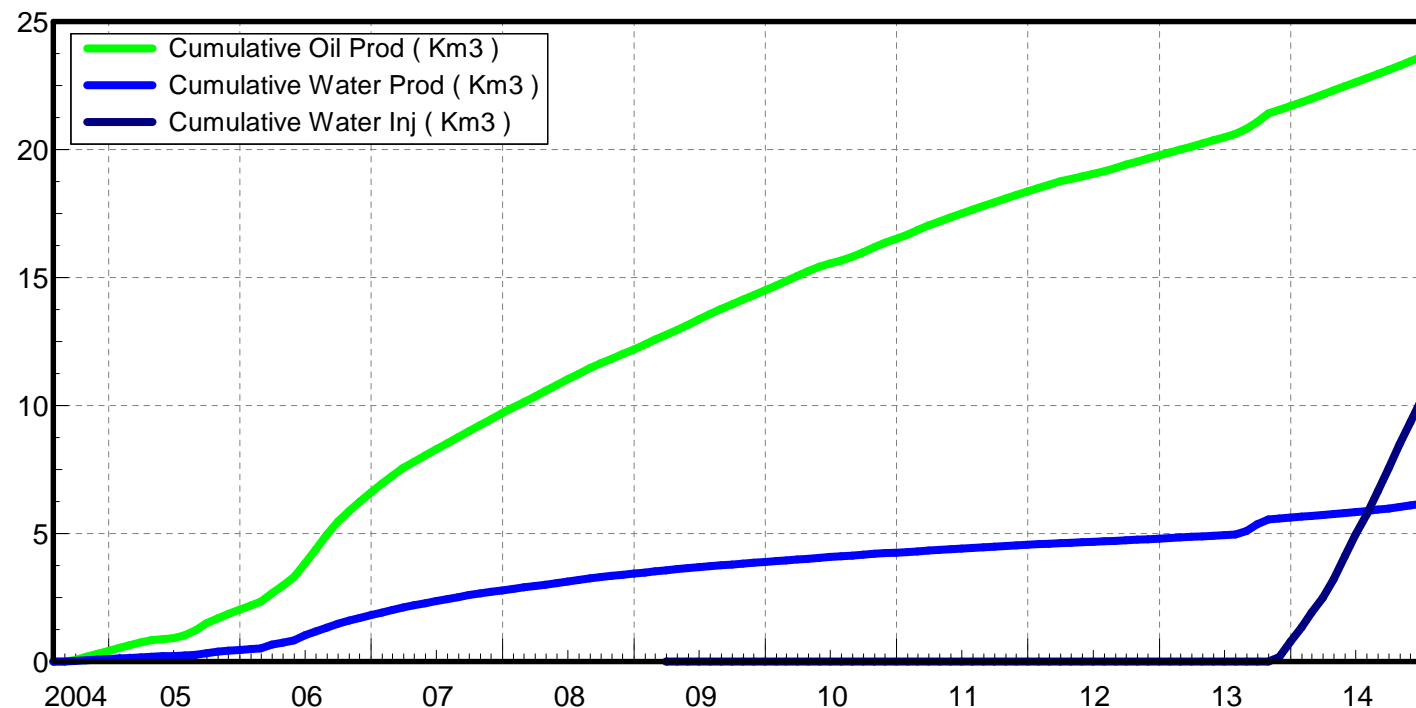
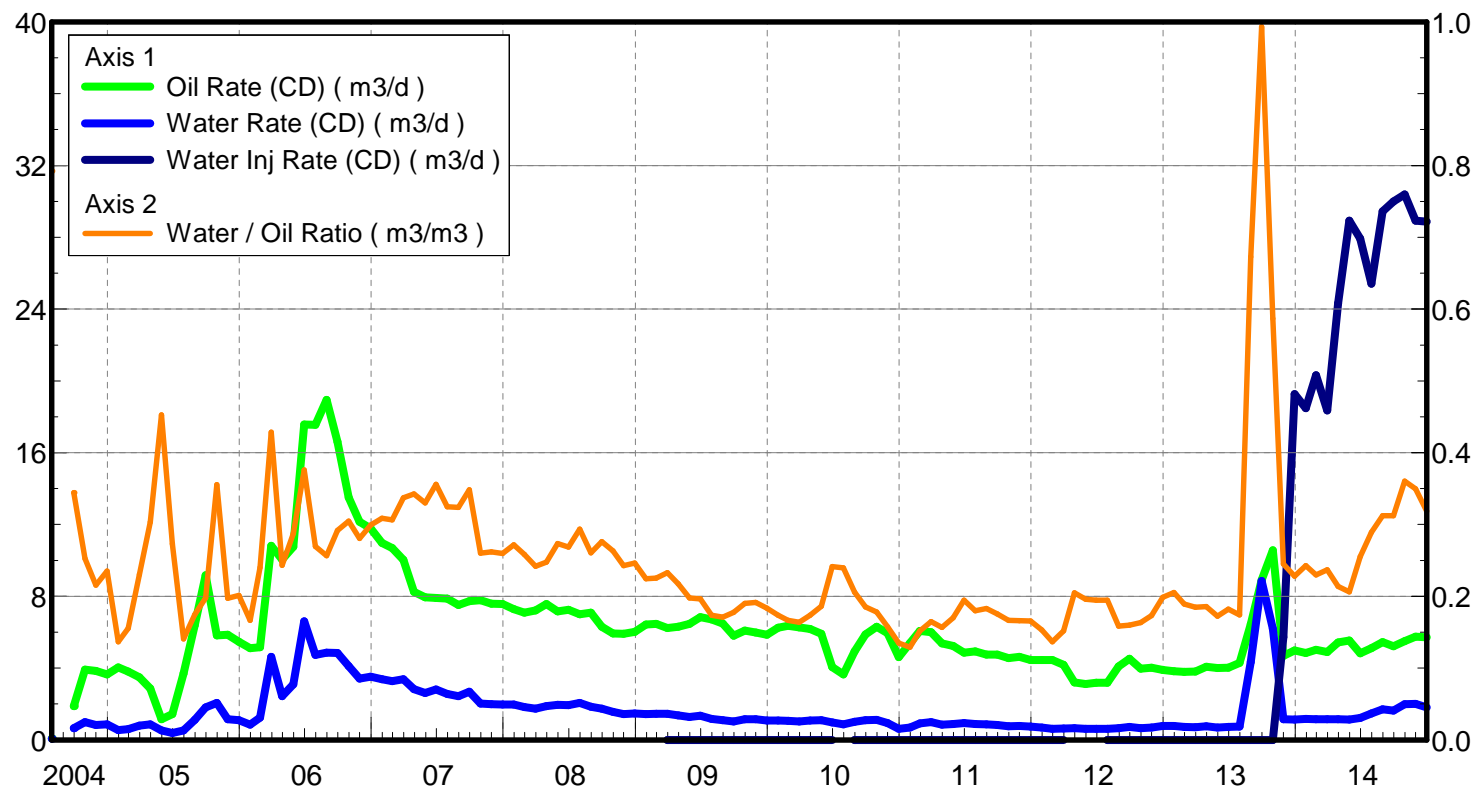
March 25, 2015

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 5.71 m3/d

Water Rate (CD) : 1.82 m3/d

Water Inj Rate (CD) : 28.87 m3/d





TUNDRA OIL & GAS PARTNERSHIP

SINCLAIR UNIT No. 8 HZNTL 12C-28-7-29

102/12-28-007-29W1/0

LICENSE #: 8720

BAKKEN FORMATION

Open Hole: 1190 – 2457 mKBMD

(1009.64 – 1010.56 TVD)

RESERVOIR PRESSURE SURVEY DATA
OCTOBER 25th, 2012 - JANUARY 14th, 2013

Prepared by: **DOLLCO Well Data Services**
e-mail: dollco@shaw.ca

PO Box 326
417A Mississippian Drive
Esteron, SK
S4A 2A4

Cell: (306) 421 - 7330
Fax: (306) 634 - 7976
Res: (306) 634 - 8761

E-mail: qualityw@sasktel.net

Pressure Survey Report

Company Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Contact	CRAIG LANE
e-mail	craig.lane@tundraoilandgas.com
Phone	(204) 748-5894
Site Contact	SCOTT MURRAY
Site Phone	(306) 482-7216

Well Information

Well Name	SINCLAIR UNIT No. 8 HZNTL 12C-28-7-29
Unique Well ID	102/12-28-007-29W1/00
Surface Location	13B-27 / 12C-28-7-29W1
Well License Number	8720
Well Type	Horizontal
Well Fluid Type	01 Oil
Field	SINCLAIR UNIT No. 8

KB Elevation (SL)	524.91 m
CF Elevation (SL)	520.81 m
GL Elevation (SL)	521.01 m
Distance from KB to CF (Log)	4.10 m
KB-GL Offset	3.90 m

Tubing ID	mm
Tubing OD	mm
Tubing Depth(Log KB)	m
Tubing Depth(TVD KB)	m
Casing ID	mm
Casing OD	177.8 mm
Casing Depth(Log KB)	1190.00 m
Casing Depth(TVD KB)	1009.64 m
PBTD(Log KB)	m
PBTD(TVD KB)	m



Pressure Survey Report

Test Information

Well Name SINCLAIR UNIT No. 8 HZNTL 12C-28-7-29
Unique Well ID 102/12-28-007-29W1/00
Surface Location 13B-27 / 12C-28-7-29W1
Well License Number 8720

Well Fluid Type 01 Oil
Test Purpose Initial Test
Test Type RESERVOIR PRESSURE SURVEY
Formation BAKKEN
Pool
Well Type Indicator Horizontal
Test/Prod. Interval Top KB (Log) 1190.00 m
Test/Prod. Interval Base KB (Log) 2457.00 m
MPP(Log KB) 1823.50 m
Test/Prod Interval Top KB (TVD) 1009.64 m
Test/Prod. Interval Base m KB (TVD) 1010.56 m
MPP(TVD KB) 1010.10 m

Date/Time Gauge on Bottom 2012/10/25 02:34:30
Date/Time Gauge Off Bottom 2013/01/14 16:20:00
Time/Date Well Shut-In 2012/10/25 02:38:30

Tubing Pressure Initial kPa(a)
Casing Pressure Initial kPa(a)
Tubing Pressure: Final kPa(a)
Casing Pressure: Final kPa(a)

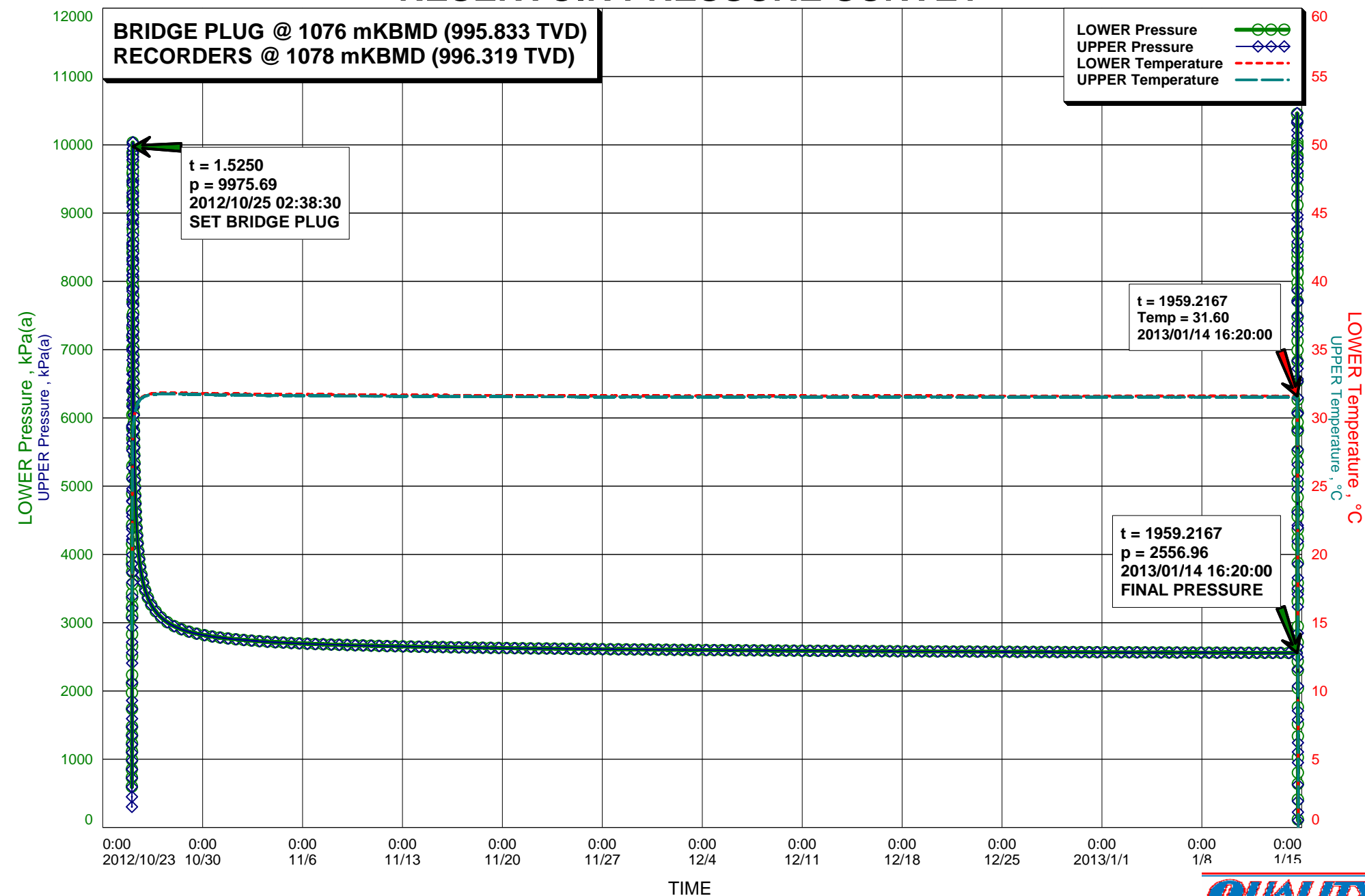
Last Measured Pressure at Run Depth 2556.96 kPa(a)
Reservoir Temperature 31.60 °C

Service Company Quality Wireline Services Ltd.
Representative IVORY HERMAN
Prepared By DOLLCO Well Data Services
Qualified By RICK DOLL
Report Date 2013/01/20

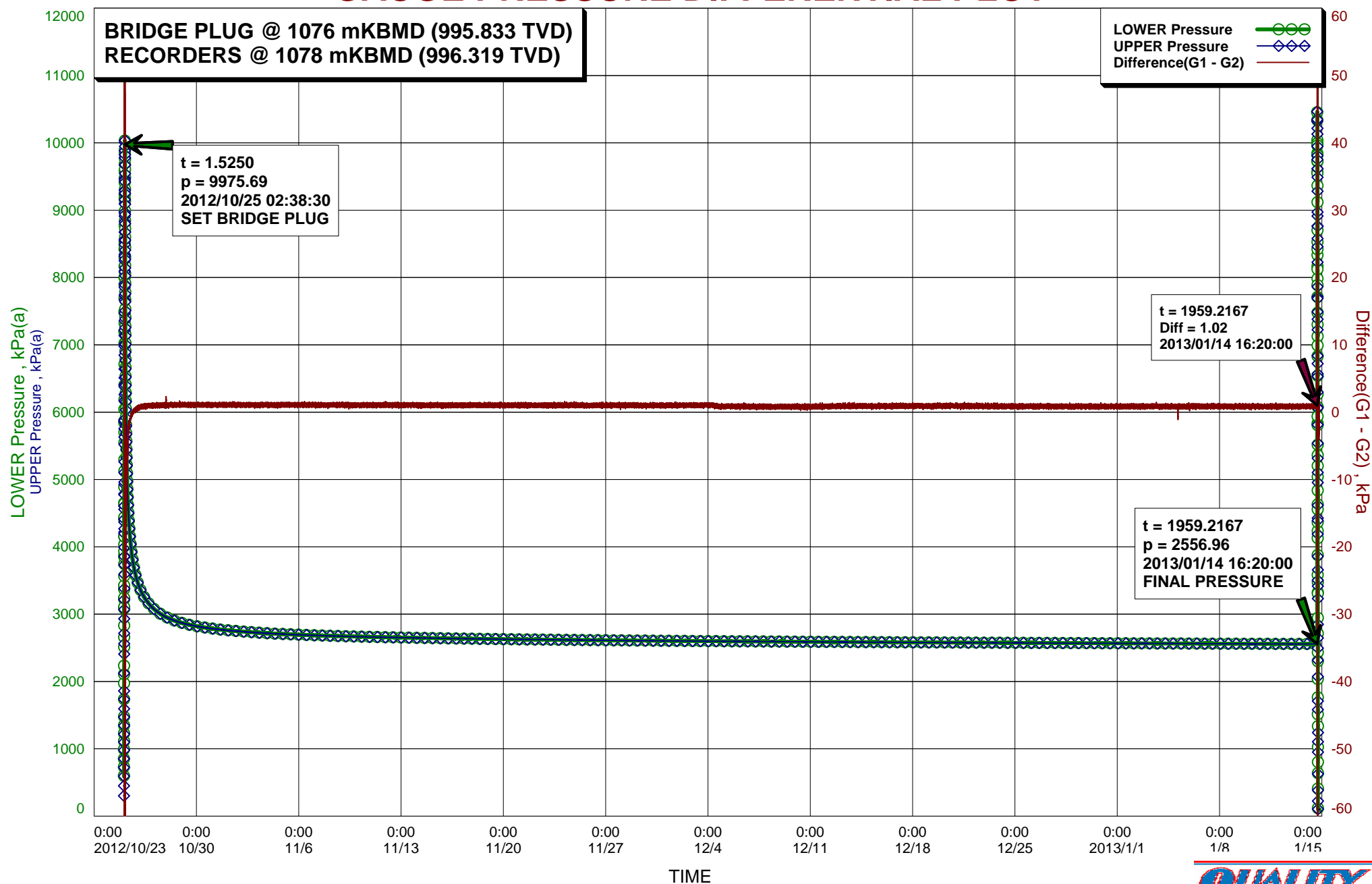
RECORDERS RUN BELOW A BRIDGE PLUG BY A DRILLING RIG
AND THEN PULLED BY A SERVICE RIG
OPEN HOLE: 1190 - 2457 mKBMD (1009.64 - 1010.56 TVD)
TIME CHANGE FROM DST TO MST, NOT INCORPORATED INTO TEST DATA



RESERVOIR PRESSURE SURVEY



GAUGE PRESSURE DIFFERENTIAL PLOT



Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	102/12-28-007-29W1/00
Well Name	SINCLAIR UNIT No. 8 HZNTL 12C-28-7-29
Formation	BAKKEN
Start Test Date	2012/10/25
Final Test Date	2013/01/14

Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	40341	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	1078.00 m	Gauge Model	KC2 STRAIN
Date of Last Calibration	2012/07/31	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2012/10/25	Gauge Start Time	01:07:00
Gauge Stop Date	2013/01/14	Gauge Stop Time	20:00:00
Date Gauge On Bottom	2012/10/25	Time Gauge On Bottom	02:34:30
Date Gauge Off Bottom	2013/01/14	Time Gauge Off Bottom	16:20:00

Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	40340	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	1077.70 m	Gauge Model	KC2 STRAIN
Date of Last Calibration	2012/08/01	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2012/10/25	Gauge Start Time	01:07:00
Gauge Stop Date	2013/01/14	Gauge Stop Time	20:00:00
Date Gauge On Bottom	2012/10/25	Time Gauge On Bottom	02:34:30
Date Gauge Off Bottom	2013/01/14	Time Gauge Off Bottom	16:20:00

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
1	2012/10/25	01:07:00	0.0000	598.59	16.98	0.0000	301.82	14.50
2	2012/10/25	01:07:00	0.0000	RIH, ACTIVATE RECORDERS S/N: 40341(L) & 40340(U)				
3	2012/10/25	01:07:30	0.0083	594.02	17.12	0.0083	450.49	15.49
4	2012/10/25	02:34:30	1.4583	9857.88	29.19	1.4583	9883.49	29.18
5	2012/10/25	02:34:30	1.4583	RECORDERS ON BOTTOM @ 1078 mKBMD (996.319 TVD)				
6	2012/10/25	02:35:00	1.4667	9857.59	29.19	1.4667	9872.43	29.19
7	2012/10/25	02:38:30	1.5250	9975.69	29.23	1.5250	9855.96	29.24
8	2012/10/25	02:38:30	1.5250	SET BRIDGE PLUG @ 1076 mKBMD (996.246 TVD)				
9	2012/10/25	02:39:00	1.5333	9860.87	29.23	1.5333	9856.03	29.25
10	2012/10/25	09:07:00	8.0000	4375.99	30.88	8.0000	4378.17	30.85
11	2012/10/25	17:07:30	16.0083	3707.58	31.46	16.0000	3707.73	31.42
12	2012/10/26	01:07:30	24.0083	3429.83	31.67	24.0000	3429.39	31.62
13	2012/10/26	09:07:30	32.0083	3270.77	31.76	32.0000	3270.23	31.70
14	2012/10/26	17:07:30	40.0083	3164.71	31.80	40.0000	3163.84	31.73
15	2012/10/27	01:07:30	48.0083	3086.91	31.82	48.0000	3085.92	31.75
16	2012/10/27	09:07:30	56.0083	3028.15	31.82	56.0000	3027.09	31.75
17	2012/10/27	17:08:00	64.0167	2981.93	31.83	64.0083	2980.66	31.75
18	2012/10/28	01:08:00	72.0167	2944.71	31.82	72.0083	2943.73	31.75
19	2012/10/28	09:08:00	80.0167	2914.40	31.82	80.0083	2913.46	31.74
20	2012/10/28	17:08:00	88.0167	2889.18	31.81	88.0083	2888.08	31.74
21	2012/10/29	01:08:00	96.0167	2867.60	31.80	96.0083	2866.76	31.73
22	2012/10/29	09:08:00	104.0167	2849.66	31.80	104.0083	2848.48	31.72
23	2012/10/29	17:08:00	112.0167	2833.69	31.79	112.0083	2832.45	31.71
24	2012/10/30	01:08:00	120.0167	2819.39	31.78	120.0083	2818.46	31.71
25	2012/10/30	09:08:30	128.0250	2807.41	31.78	128.0083	2806.27	31.70
26	2012/10/30	17:08:30	136.0250	2796.40	31.77	136.0083	2795.29	31.69
27	2012/10/31	01:08:30	144.0250	2786.36	31.76	144.0083	2785.33	31.69
28	2012/10/31	09:08:30	152.0250	2777.74	31.76	152.0083	2776.73	31.68
29	2012/10/31	17:08:30	160.0250	2769.52	31.75	160.0083	2768.47	31.67
30	2012/11/01	01:08:30	168.0250	2762.19	31.75	168.0083	2760.90	31.67
31	2012/11/01	09:08:30	176.0250	2755.59	31.76	176.0083	2754.45	31.67
32	2012/11/01	17:08:30	184.0250	2749.16	31.76	184.0083	2748.08	31.67
33	2012/11/02	01:08:30	192.0250	2743.17	31.75	192.0083	2742.29	31.66
34	2012/11/02	09:08:30	200.0250	2738.17	31.75	200.0083	2736.98	31.66
35	2012/11/02	17:08:30	208.0250	2733.08	31.74	208.0083	2732.00	31.65
36	2012/11/03	01:08:30	216.0250	2727.62	31.73	216.0083	2726.72	31.65
37	2012/11/03	09:08:30	224.0250	2723.24	31.73	224.0083	2722.13	31.65
38	2012/11/03	17:08:30	232.0250	2718.53	31.73	232.0083	2717.60	31.64
39	2012/11/04	01:08:30	240.0250	2714.30	31.73	240.0083	2713.29	31.64
40	2012/11/04	09:08:30	248.0250	2710.60	31.73	248.0083	2709.63	31.64

LOWER Serial Number: 40341 Start Date: 2012/10/25 01:07:00 Run Depth: 1078.00

UPPER Serial Number: 40340 Start Date: 2012/10/25 01:07:00 Run Depth: 1077.70

Print Filter: Print every 8 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
41	2012/11/04	17:08:30	256.0250	2707.15	31.73	256.0083	2706.10	31.63
42	2012/11/05	01:08:30	264.0250	2703.59	31.72	264.0083	2702.68	31.63
43	2012/11/05	09:08:30	272.0250	2700.32	31.72	272.0083	2699.29	31.63
44	2012/11/05	17:08:30	280.0250	2697.20	31.72	280.0083	2696.15	31.63
45	2012/11/06	01:08:30	288.0250	2694.30	31.72	288.0083	2693.14	31.62
46	2012/11/06	09:08:30	296.0250	2691.60	31.72	296.0083	2690.21	31.62
47	2012/11/06	17:08:30	304.0250	2689.08	31.71	304.0083	2688.01	31.62
48	2012/11/07	01:08:30	312.0250	2686.48	31.71	312.0083	2685.34	31.62
49	2012/11/07	09:08:30	320.0250	2683.70	31.71	320.0083	2682.80	31.62
50	2012/11/07	17:08:30	328.0250	2681.33	31.71	328.0083	2680.23	31.61
51	2012/11/08	01:08:30	336.0250	2679.09	31.71	336.0083	2678.04	31.61
52	2012/11/08	09:08:30	344.0250	2677.02	31.70	344.0083	2676.05	31.61
53	2012/11/08	17:08:30	352.0250	2675.15	31.70	352.0083	2673.94	31.61
54	2012/11/09	01:08:30	360.0250	2673.01	31.69	360.0083	2672.04	31.61
55	2012/11/09	09:08:30	368.0250	2671.07	31.69	368.0083	2669.92	31.60
56	2012/11/09	17:08:30	376.0250	2669.18	31.69	376.0083	2668.10	31.60
57	2012/11/10	01:08:30	384.0250	2667.14	31.69	384.0083	2666.17	31.60
58	2012/11/10	09:08:30	392.0250	2665.29	31.69	392.0083	2664.03	31.60
59	2012/11/10	17:08:30	400.0250	2663.34	31.69	400.0083	2662.35	31.59
60	2012/11/11	01:08:30	408.0250	2661.45	31.68	408.0083	2660.68	31.59
61	2012/11/11	09:08:30	416.0250	2660.14	31.68	416.0083	2659.09	31.59
62	2012/11/11	17:08:30	424.0250	2658.42	31.68	424.0083	2657.50	31.59
63	2012/11/12	01:08:30	432.0250	2656.92	31.68	432.0083	2655.76	31.59
64	2012/11/12	09:08:30	440.0250	2655.59	31.67	440.0083	2654.70	31.59
65	2012/11/12	17:08:30	448.0250	2654.25	31.67	448.0083	2653.17	31.58
66	2012/11/13	01:08:30	456.0250	2652.47	31.67	456.0083	2651.51	31.58
67	2012/11/13	09:08:30	464.0250	2651.47	31.67	464.0083	2650.31	31.58
68	2012/11/13	17:08:30	472.0250	2650.05	31.67	472.0083	2648.87	31.58
69	2012/11/14	01:08:30	480.0250	2648.46	31.66	480.0083	2647.36	31.58
70	2012/11/14	09:08:30	488.0250	2647.27	31.66	488.0083	2646.20	31.58
71	2012/11/14	17:08:30	496.0250	2645.93	31.66	496.0083	2644.80	31.57
72	2012/11/15	01:08:30	504.0250	2644.51	31.66	504.0083	2643.39	31.57
73	2012/11/15	09:09:00	512.0333	2643.73	31.66	512.0083	2642.77	31.57
74	2012/11/15	17:09:00	520.0333	2642.47	31.65	520.0083	2641.51	31.57
75	2012/11/16	01:09:00	528.0333	2641.02	31.66	528.0083	2639.86	31.56
76	2012/11/16	09:09:00	536.0333	2639.88	31.65	536.0083	2638.80	31.56
77	2012/11/16	17:09:00	544.0333	2638.77	31.65	544.0083	2637.64	31.56
78	2012/11/17	01:09:00	552.0333	2637.66	31.65	552.0083	2636.69	31.56
79	2012/11/17	09:09:00	560.0333	2636.64	31.65	560.0083	2635.63	31.56
80	2012/11/17	17:09:00	568.0333	2635.76	31.65	568.0083	2634.51	31.56

LOWER Serial Number: 40341 Start Date: 2012/10/25 01:07:00 Run Depth: 1078.00

UPPER Serial Number: 40340 Start Date: 2012/10/25 01:07:00 Run Depth: 1077.70

Print Filter: Print every 8 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
81	2012/11/18	01:09:00	576.0333	2634.30	31.65	576.0083	2633.34	31.56
82	2012/11/18	09:09:00	584.0333	2633.31	31.65	584.0083	2632.36	31.56
83	2012/11/18	17:09:00	592.0333	2632.37	31.65	592.0083	2631.31	31.55
84	2012/11/19	01:09:00	600.0333	2631.39	31.65	600.0083	2630.33	31.55
85	2012/11/19	09:09:00	608.0333	2630.50	31.64	608.0083	2629.48	31.55
86	2012/11/19	17:09:00	616.0333	2629.70	31.64	616.0083	2628.68	31.55
87	2012/11/20	01:09:00	624.0333	2628.58	31.64	624.0083	2627.57	31.55
88	2012/11/20	09:09:00	632.0333	2627.53	31.64	632.0083	2626.50	31.55
89	2012/11/20	17:09:00	640.0333	2626.77	31.64	640.0083	2625.63	31.55
90	2012/11/21	01:09:00	648.0333	2625.80	31.64	648.0083	2624.76	31.55
91	2012/11/21	09:09:00	656.0333	2624.80	31.64	656.0083	2623.84	31.55
92	2012/11/21	17:09:00	664.0333	2623.88	31.64	664.0083	2622.90	31.55
93	2012/11/22	01:09:00	672.0333	2623.00	31.64	672.0083	2622.21	31.55
94	2012/11/22	09:09:00	680.0333	2622.41	31.64	680.0083	2621.41	31.54
95	2012/11/22	17:09:00	688.0333	2621.83	31.64	688.0083	2620.77	31.54
96	2012/11/23	01:09:00	696.0333	2621.35	31.64	696.0083	2620.14	31.55
97	2012/11/23	09:09:00	704.0333	2620.56	31.64	704.0083	2619.52	31.54
98	2012/11/23	17:09:00	712.0333	2619.57	31.64	712.0083	2618.62	31.54
99	2012/11/24	01:09:00	720.0333	2618.62	31.64	720.0083	2617.51	31.54
100	2012/11/24	09:09:00	728.0333	2617.56	31.63	728.0083	2616.54	31.54
101	2012/11/24	17:09:00	736.0333	2616.77	31.63	736.0083	2615.84	31.54
102	2012/11/25	01:09:00	744.0333	2616.04	31.63	744.0083	2615.05	31.54
103	2012/11/25	09:09:00	752.0333	2615.47	31.63	752.0083	2614.73	31.54
104	2012/11/25	17:09:00	760.0333	2615.08	31.63	760.0083	2613.95	31.54
105	2012/11/26	01:09:00	768.0333	2614.25	31.63	768.0083	2613.17	31.54
106	2012/11/26	09:09:00	776.0333	2613.69	31.63	776.0083	2612.73	31.54
107	2012/11/26	17:09:00	784.0333	2613.01	31.63	784.0083	2611.75	31.54
108	2012/11/27	01:09:00	792.0333	2611.95	31.63	792.0083	2610.80	31.54
109	2012/11/27	09:09:00	800.0333	2611.45	31.63	800.0083	2610.43	31.54
110	2012/11/27	17:09:00	808.0333	2610.83	31.63	808.0083	2610.07	31.54
111	2012/11/28	01:09:00	816.0333	2610.03	31.63	816.0083	2608.88	31.54
112	2012/11/28	09:09:00	824.0333	2609.50	31.63	824.0083	2608.34	31.53
113	2012/11/28	17:09:00	832.0333	2608.99	31.63	832.0083	2607.89	31.53
114	2012/11/29	01:09:00	840.0333	2608.01	31.62	840.0083	2607.16	31.54
115	2012/11/29	09:09:00	848.0333	2607.69	31.63	848.0083	2606.79	31.53
116	2012/11/29	17:09:00	856.0333	2607.08	31.63	856.0083	2606.08	31.53
117	2012/11/30	01:09:00	864.0333	2606.36	31.63	864.0083	2605.26	31.53
118	2012/11/30	09:09:00	872.0333	2605.87	31.63	872.0083	2604.61	31.53
119	2012/11/30	17:09:00	880.0333	2604.93	31.62	880.0083	2603.89	31.53
120	2012/12/01	01:09:00	888.0333	2603.93	31.62	888.0083	2603.08	31.53

LOWER Serial Number: 40341 Start Date: 2012/10/25 01:07:00 Run Depth: 1078.00

UPPER Serial Number: 40340 Start Date: 2012/10/25 01:07:00 Run Depth: 1077.70

Print Filter: Print every 8 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
121	2012/12/01	09:09:00	896.0333	2603.78	31.62	896.0083	2602.66	31.53
122	2012/12/01	17:09:00	904.0333	2603.16	31.62	904.0083	2602.29	31.53
123	2012/12/02	01:09:00	912.0333	2602.44	31.62	912.0083	2601.46	31.53
124	2012/12/02	09:09:00	920.0333	2602.29	31.62	920.0083	2601.04	31.53
125	2012/12/02	17:09:00	928.0333	2601.31	31.62	928.0083	2600.29	31.53
126	2012/12/03	01:09:00	936.0333	2600.67	31.62	936.0083	2599.71	31.53
127	2012/12/03	09:09:00	944.0333	2600.29	31.62	944.0083	2599.26	31.53
128	2012/12/03	17:09:00	952.0333	2599.76	31.62	952.0083	2599.01	31.53
129	2012/12/04	01:09:00	960.0333	2599.44	31.62	960.0083	2598.35	31.53
130	2012/12/04	09:09:00	968.0333	2599.50	31.62	968.0083	2598.41	31.53
131	2012/12/04	17:09:00	976.0333	2598.67	31.62	976.0083	2598.00	31.54
132	2012/12/05	01:09:00	984.0333	2598.15	31.62	984.0083	2597.21	31.54
133	2012/12/05	09:09:00	992.0333	2597.24	31.62	992.0083	2596.43	31.53
134	2012/12/05	17:09:00	1000.0333	2596.43	31.62	1000.0083	2595.69	31.54
135	2012/12/06	01:09:00	1008.0333	2596.18	31.62	1008.0083	2595.38	31.53
136	2012/12/06	09:09:00	1016.0333	2596.02	31.62	1016.0083	2594.84	31.53
137	2012/12/06	17:09:30	1024.0417	2595.57	31.62	1024.0167	2594.65	31.53
138	2012/12/07	01:09:30	1032.0417	2594.98	31.62	1032.0167	2594.04	31.53
139	2012/12/07	09:09:30	1040.0417	2594.61	31.62	1040.0167	2593.68	31.53
140	2012/12/07	17:09:30	1048.0417	2594.16	31.62	1048.0167	2593.35	31.54
141	2012/12/08	01:09:30	1056.0417	2593.67	31.62	1056.0167	2592.70	31.53
142	2012/12/08	09:09:30	1064.0417	2593.09	31.62	1064.0167	2592.20	31.53
143	2012/12/08	17:09:30	1072.0417	2592.80	31.62	1072.0167	2591.99	31.54
144	2012/12/09	01:09:30	1080.0417	2592.28	31.62	1080.0167	2591.45	31.54
145	2012/12/09	09:09:30	1088.0417	2591.89	31.61	1088.0167	2591.10	31.53
146	2012/12/09	17:09:30	1096.0417	2591.49	31.62	1096.0167	2590.70	31.53
147	2012/12/10	01:09:30	1104.0417	2590.52	31.62	1104.0167	2589.87	31.53
148	2012/12/10	09:09:30	1112.0417	2590.34	31.62	1112.0167	2589.29	31.53
149	2012/12/10	17:09:30	1120.0417	2589.73	31.62	1120.0167	2588.98	31.53
150	2012/12/11	01:09:30	1128.0417	2589.27	31.61	1128.0167	2588.35	31.53
151	2012/12/11	09:09:30	1136.0417	2589.08	31.62	1136.0167	2588.49	31.53
152	2012/12/11	17:09:30	1144.0417	2588.78	31.62	1144.0167	2587.83	31.53
153	2012/12/12	01:09:30	1152.0417	2588.01	31.61	1152.0167	2587.07	31.53
154	2012/12/12	09:09:30	1160.0417	2587.80	31.61	1160.0167	2586.85	31.53
155	2012/12/12	17:09:30	1168.0417	2587.57	31.61	1168.0167	2586.63	31.53
156	2012/12/13	01:09:30	1176.0417	2586.89	31.61	1176.0167	2585.89	31.53
157	2012/12/13	09:09:30	1184.0417	2586.82	31.61	1184.0167	2585.90	31.53
158	2012/12/13	17:09:30	1192.0417	2586.28	31.61	1192.0167	2585.31	31.53
159	2012/12/14	01:09:30	1200.0417	2585.59	31.61	1200.0167	2584.68	31.53
160	2012/12/14	09:09:30	1208.0417	2585.54	31.61	1208.0167	2584.65	31.53

LOWER Serial Number: 40341 Start Date: 2012/10/25 01:07:00 Run Depth: 1078.00

UPPER Serial Number: 40340 Start Date: 2012/10/25 01:07:00 Run Depth: 1077.70

Print Filter: Print every 8 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
161	2012/12/14	17:09:30	1216.0417	2584.77	31.61	1216.0167	2583.98	31.53
162	2012/12/15	01:09:30	1224.0417	2584.34	31.61	1224.0167	2583.31	31.53
163	2012/12/15	09:09:30	1232.0417	2584.19	31.61	1232.0167	2583.12	31.53
164	2012/12/15	17:09:30	1240.0417	2583.67	31.61	1240.0167	2582.85	31.53
165	2012/12/16	01:09:30	1248.0417	2583.22	31.61	1248.0167	2582.27	31.53
166	2012/12/16	09:09:30	1256.0417	2583.07	31.61	1256.0167	2582.25	31.53
167	2012/12/16	17:09:30	1264.0417	2582.66	31.61	1264.0167	2581.66	31.53
168	2012/12/17	01:09:30	1272.0417	2582.12	31.61	1272.0167	2581.14	31.53
169	2012/12/17	09:09:30	1280.0417	2581.57	31.61	1280.0167	2580.91	31.53
170	2012/12/17	17:09:30	1288.0417	2581.25	31.61	1288.0167	2580.13	31.52
171	2012/12/18	01:09:30	1296.0417	2580.89	31.61	1296.0167	2579.96	31.53
172	2012/12/18	09:09:30	1304.0417	2580.49	31.61	1304.0167	2579.65	31.53
173	2012/12/18	17:09:30	1312.0417	2580.21	31.61	1312.0167	2579.31	31.52
174	2012/12/19	01:09:30	1320.0417	2579.78	31.61	1320.0167	2578.87	31.53
175	2012/12/19	09:09:30	1328.0417	2579.53	31.61	1328.0167	2578.80	31.53
176	2012/12/19	17:09:30	1336.0417	2579.29	31.61	1336.0167	2578.53	31.52
177	2012/12/20	01:09:30	1344.0417	2579.16	31.61	1344.0167	2578.19	31.52
178	2012/12/20	09:09:30	1352.0417	2578.61	31.60	1352.0167	2577.96	31.53
179	2012/12/20	17:09:30	1360.0417	2578.51	31.61	1360.0167	2577.54	31.53
180	2012/12/21	01:09:30	1368.0417	2577.97	31.61	1368.0167	2577.09	31.52
181	2012/12/21	09:09:30	1376.0417	2577.53	31.61	1376.0167	2576.77	31.52
182	2012/12/21	17:09:30	1384.0417	2577.23	31.61	1384.0167	2576.30	31.53
183	2012/12/22	01:09:30	1392.0417	2576.83	31.61	1392.0167	2576.02	31.52
184	2012/12/22	09:09:30	1400.0417	2576.78	31.61	1400.0167	2575.63	31.52
185	2012/12/22	17:09:30	1408.0417	2576.33	31.61	1408.0167	2575.43	31.52
186	2012/12/23	01:09:30	1416.0417	2576.03	31.60	1416.0167	2575.04	31.52
187	2012/12/23	09:09:30	1424.0417	2575.88	31.61	1424.0167	2574.86	31.52
188	2012/12/23	17:09:30	1432.0417	2575.31	31.60	1432.0167	2574.48	31.52
189	2012/12/24	01:09:30	1440.0417	2574.87	31.60	1440.0167	2574.01	31.52
190	2012/12/24	09:09:30	1448.0417	2574.81	31.61	1448.0167	2573.79	31.52
191	2012/12/24	17:09:30	1456.0417	2574.52	31.60	1456.0167	2573.44	31.52
192	2012/12/25	01:09:30	1464.0417	2574.04	31.60	1464.0167	2573.10	31.53
193	2012/12/25	09:09:30	1472.0417	2573.84	31.61	1472.0167	2572.85	31.52
194	2012/12/25	17:09:30	1480.0417	2573.51	31.61	1480.0167	2572.57	31.52
195	2012/12/26	01:09:30	1488.0417	2572.76	31.60	1488.0167	2572.16	31.52
196	2012/12/26	09:09:30	1496.0417	2572.77	31.60	1496.0167	2572.00	31.52
197	2012/12/26	17:09:30	1504.0417	2572.46	31.61	1504.0167	2571.65	31.52
198	2012/12/27	01:09:30	1512.0417	2571.89	31.60	1512.0167	2570.80	31.52
199	2012/12/27	09:09:30	1520.0417	2571.56	31.60	1520.0167	2570.85	31.52
200	2012/12/27	17:09:30	1528.0417	2571.35	31.60	1528.0167	2570.58	31.52

LOWER Serial Number: 40341 Start Date: 2012/10/25 01:07:00 Run Depth: 1078.00

UPPER Serial Number: 40340 Start Date: 2012/10/25 01:07:00 Run Depth: 1077.70

Print Filter: Print every 8 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
201	2012/12/28	01:09:30	1536.0417	2570.76	31.60	1536.0167	2569.82	31.52
202	2012/12/28	09:09:30	1544.0417	2570.75	31.60	1544.0167	2569.89	31.52
203	2012/12/28	17:09:30	1552.0417	2570.52	31.60	1552.0167	2569.58	31.52
204	2012/12/29	01:09:30	1560.0417	2569.85	31.60	1560.0167	2568.97	31.52
205	2012/12/29	09:09:30	1568.0417	2569.86	31.60	1568.0167	2568.83	31.52
206	2012/12/29	17:09:30	1576.0417	2569.58	31.61	1576.0167	2568.63	31.52
207	2012/12/30	01:09:30	1584.0417	2568.88	31.60	1584.0167	2567.97	31.52
208	2012/12/30	09:09:30	1592.0417	2568.90	31.60	1592.0167	2567.92	31.52
209	2012/12/30	17:09:30	1600.0417	2568.50	31.60	1600.0167	2567.81	31.52
210	2012/12/31	01:09:30	1608.0417	2568.23	31.60	1608.0167	2567.50	31.52
211	2012/12/31	09:09:30	1616.0417	2568.18	31.60	1616.0167	2567.21	31.52
212	2012/12/31	17:09:30	1624.0417	2567.78	31.60	1624.0167	2567.00	31.52
213	2013/01/01	01:09:30	1632.0417	2567.35	31.60	1632.0167	2566.39	31.52
214	2013/01/01	09:09:30	1640.0417	2567.15	31.61	1640.0167	2566.06	31.52
215	2013/01/01	17:09:30	1648.0417	2566.66	31.60	1648.0167	2565.88	31.52
216	2013/01/02	01:09:30	1656.0417	2566.43	31.60	1656.0167	2565.48	31.52
217	2013/01/02	09:09:30	1664.0417	2566.28	31.60	1664.0167	2565.27	31.52
218	2013/01/02	17:09:30	1672.0417	2566.11	31.60	1672.0167	2565.15	31.52
219	2013/01/03	01:09:30	1680.0417	2565.62	31.60	1680.0167	2564.96	31.52
220	2013/01/03	09:09:30	1688.0417	2565.24	31.60	1688.0167	2564.55	31.52
221	2013/01/03	17:09:30	1696.0417	2564.88	31.60	1696.0167	2564.03	31.52
222	2013/01/04	01:09:30	1704.0417	2564.68	31.60	1704.0167	2563.84	31.52
223	2013/01/04	09:09:30	1712.0417	2564.49	31.60	1712.0167	2563.63	31.52
224	2013/01/04	17:09:30	1720.0417	2564.13	31.60	1720.0167	2563.14	31.52
225	2013/01/05	01:09:30	1728.0417	2563.90	31.60	1728.0167	2563.07	31.52
226	2013/01/05	09:09:30	1736.0417	2563.92	31.60	1736.0167	2562.76	31.52
227	2013/01/05	17:09:30	1744.0417	2563.23	31.60	1744.0167	2562.49	31.52
228	2013/01/06	01:09:30	1752.0417	2563.05	31.60	1752.0167	2562.16	31.52
229	2013/01/06	09:09:30	1760.0417	2562.93	31.60	1760.0167	2562.13	31.52
230	2013/01/06	17:09:30	1768.0417	2562.38	31.60	1768.0167	2561.45	31.52
231	2013/01/07	01:09:30	1776.0417	2561.84	31.60	1776.0167	2561.01	31.51
232	2013/01/07	09:09:30	1784.0417	2561.69	31.60	1784.0167	2561.06	31.52
233	2013/01/07	17:09:30	1792.0417	2561.65	31.60	1792.0167	2560.75	31.52
234	2013/01/08	01:09:30	1800.0417	2561.21	31.60	1800.0167	2560.14	31.51
235	2013/01/08	09:09:30	1808.0417	2560.90	31.60	1808.0167	2560.07	31.52
236	2013/01/08	17:09:30	1816.0417	2560.74	31.60	1816.0167	2559.89	31.51
237	2013/01/09	01:09:30	1824.0417	2560.40	31.60	1824.0167	2559.43	31.52
238	2013/01/09	09:09:30	1832.0417	2560.56	31.60	1832.0167	2559.64	31.51
239	2013/01/09	17:09:30	1840.0417	2560.37	31.60	1840.0167	2559.20	31.52
240	2013/01/10	01:09:30	1848.0417	2559.65	31.60	1848.0167	2558.75	31.52

LOWER Serial Number: 40341 Start Date: 2012/10/25 01:07:00 Run Depth: 1078.00

UPPER Serial Number: 40340 Start Date: 2012/10/25 01:07:00 Run Depth: 1077.70

Print Filter: Print every 8 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
241	2013/01/10	09:09:30	1856.0417	2559.46	31.60	1856.0167	2558.65	31.52
242	2013/01/10	17:09:30	1864.0417	2559.37	31.60	1864.0167	2558.45	31.51
243	2013/01/11	01:09:30	1872.0417	2558.86	31.60	1872.0167	2557.89	31.51
244	2013/01/11	09:09:30	1880.0417	2558.79	31.60	1880.0167	2558.04	31.51
245	2013/01/11	17:09:30	1888.0417	2558.89	31.60	1888.0167	2557.83	31.52
246	2013/01/12	01:09:30	1896.0417	2558.06	31.60	1896.0167	2557.29	31.51
247	2013/01/12	09:09:30	1904.0417	2558.31	31.60	1904.0167	2557.45	31.52
248	2013/01/12	17:09:30	1912.0417	2558.21	31.60	1912.0167	2557.27	31.52
249	2013/01/13	01:09:30	1920.0417	2557.43	31.60	1920.0167	2556.83	31.52
250	2013/01/13	09:09:30	1928.0417	2557.47	31.60	1928.0167	2556.87	31.52
251	2013/01/13	17:09:30	1936.0417	2557.49	31.60	1936.0167	2556.56	31.52
252	2013/01/14	01:09:30	1944.0417	2557.01	31.60	1944.0167	2556.05	31.51
253	2013/01/14	09:09:30	1952.0417	2556.82	31.60	1952.0167	2556.08	31.52
254	2013/01/14	16:20:00	1959.2167	2556.96	31.60	1959.2167	2555.93	31.52
255	2013/01/14	16:20:00	1959.2167	FINAL STABLE PRESSURE, UNSET BRIDGE PLUG				
256	2013/01/14	16:20:30	1959.2250	10453.46	31.57	1959.2250	10320.44	31.62
257	2013/01/14	16:20:30	1959.2250	BRIDGE PLUG UNSET				
258	2013/01/14	16:21:00	1959.2333	10430.50	31.16	1959.2333	10464.97	31.16
259	2013/01/14	16:39:00	1959.5333	10328.17	29.33	1959.5333	10325.09	29.32
260	2013/01/14	16:39:00	1959.5333	PULL OUT OF HOLE				
261	2013/01/14	16:39:30	1959.5417	10329.43	29.33	1959.5417	10333.53	29.31
262	2013/01/14	17:09:30	1960.0417	5823.97	22.42	1960.0167	6062.66	23.16
263	2013/01/14	17:54:30	1960.7917	104.85	5.70	1960.7917	104.68	6.45
264	2013/01/14	17:54:30	1960.7917	TOOLS AT SURFACE				
265	2013/01/14	17:55:00	1960.8000	104.73	5.44	1960.8000	104.75	6.20
266	2013/01/14	20:00:00	1962.8833	96.69	-17.12	1962.8833	94.77	-15.39

LOWER Serial Number: 40341 Start Date: 2012/10/25 01:07:00 Run Depth: 1078.00

UPPER Serial Number: 40340 Start Date: 2012/10/25 01:07:00 Run Depth: 1077.70

Print Filter: Print every 8 hour



DATE: October 25th, 2012 - January 14 th , 2013	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Sinclair Unit #8	ADDRESS: Virden, MB
LOCATION: (13B-27) 12C-28-7-29W1	UWI: 102.12-28-007-29W1.00
FIELD: Sinclair Unit #8	FORMATION: Bakken
CO HQ REP: Craig Lane	PHONE: 1204 748 5894
FIELD REP: Scott Murray	PHONE: 1306 482 7216
REPORTS TO (NAME & EMAIL ADDRESS): Eric Bjornsson - eric.bjornsson@tundraoilandgas.com Tyler Routledge - tyler.routledge@tundraoilandgas.com Tim Howell - tim.howell@tundraoilandgas.com Craig Lane - craig.lane@tundraoilandgas.com Bill Jenkins - bill.jenkins@tundraoilandgas.com Adam Berke - adam.berke@tundraoilandgas.com	

STATUS: Oil well		TEST TYPE: Bridge Plug
ESTIMATED H2S CONTENT: <10 ppm		ESTIMATED CO2 CONTENT: <10 ppm
PRODUCING THROUGH: Tubing		SHUT IN TIME/DATE: See Description
KOP: 814.8 mKB	TVD: 1012.07 mKB	LICENCE #: 8720
PBTD: N/A	TD: 2457 mKB	WELL TYPE: Horizontal
CASING SIZE: 177.8 mm	CSG WEIGHT: 34.23 / 29.76kg/m	CSG DEPTH: 1190 mKB
TUBING SIZE: N/A	TBG WEIGHT: N/A	TBG DEPTH: N/A
Elevations KB: 524.91 m	GRD: 521.01 m	CF: 4.10 m

PRODUCING INTERVAL

TYPE: Open Hole	SIZE: N/A	INTERVAL: 1190 - 2457 mKB
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RECORDER INFORMATION

TOP S/N: 40340	FILE NAME: (13B-27) 12C-28-7-29 W1	RANGE: 0 - 20,680 kpa
BOTTOM S/N: 40341	FILE NAME: (13B-27) 12C-28-7-29 W1	RANGE: 0 - 20,680 kpa
TOP BATTERY S/N: N/A	BOTTOM BATTERY S/N: N/A	
CONNECT TIME: October 25 th , 2012 01:05:30	DISCONNECT TIME: January 15 th , 2013 09:13:00	

SURFACE TEMP: -28	LEASE CONDITION: Good
WIRELINE OPERATOR: Ivory Herman	PHONE: 1306 371 5613
WIRELINE ASSISTANT: N/A	
DIRECTIONS: N/A	

DWG WELL HEAD PRESSURES:

TUBING (before survey): N/A	CASING (before survey): N/A
TUBING (after survey): N/A	CASING (after survey): N/A

FLUID LEVEL: N/A	RUN DEPTH: See Description
TIME ON BOTTOM: See Description	TIME OFF BOTTOM: See Description

GRADIENT STOPS

DEPTH mKB:	N/A	FROM:	N/A	UNTIL:	N/A
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COMMENTS: Tools were ran in the well by a drilling rig to collect the BHP + BHT below a bridge plug. Tools were then pulled by a service rig.

DESCRIPTION OF WORK DONE:

Tools were ran in the well by a drilling rig to collect the BHP + BHT below a bridge plug. Tools were than pulled by a service rig.

October 25th, 2012

01:05:30 - Run in hole

02:34:30 - On bottom

02:28:30 - Bridge plug set @1076 mKB

January 14th, 2013

15:18:30 - FINAL STABLE BHP + BHT

15:19:00 - Bridge plug un-set

15:39:00 - POOH

16:54:30 - Surface

January 15th, 2013

09:13:00 - Download data