

BIRDTAIL UNIT NO. 2
WATERFLOOD EOR PROJECT
ANNUAL REPORT FOR 2012

March 1, 2013

Tundra Oil and Gas Partnership

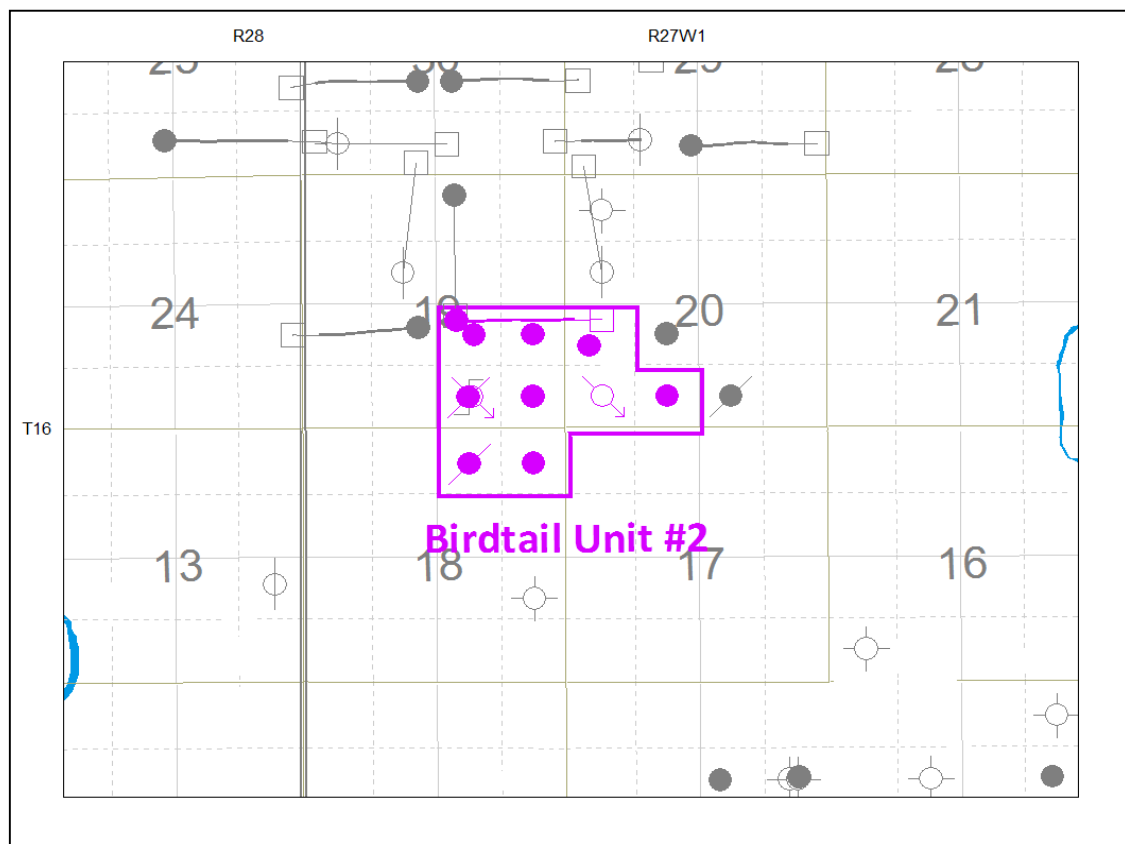
Table of Contents

INTRODUCTION	3
DISCUSSION.....	3
Production History	3
Waterflood History	5
Water Source and Quality	5
Injection Wellhead Pressures	6
Reservoir Pressure	6
Well Servicing	6
Voidage Replacement.....	6
Waterflood Performance Discussion.....	7
List of Appendices.....	9
Appendix A: Well Name and Well Status	
Appendix B: Monthly Injection Wellhead Pressures Table and Plots	
Appendix C: Birdtail Unit No. 2 Injection Pattern Summary	
Appendix D: Injector Pattern Production/Injection Rates, Cumulative and VRRs, Plots and Tables	

INTRODUCTION

Birdtail Unit No. 2 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Waterflood Order No. 8 effective December 1, 2000 with Progress Energy Production Partnership as Operator. Tundra acquired the unit from Progress Energy Production Partnership and become operator in October 2003. The EOR project area contains 11 wells in 9 LSDs in Township 16, Range 27 W1 as shown in the figure below. Well list and well status is available in Appendix A.

Figure 1: Birdtail Unit No. 2 Area Outline



In accordance with Section 73 of the Manitoba Drilling and Production Regulation, Tundra hereby submits the 2012 Annual Progress Report for Birdtail Unit No. 2 as required by Waterflood Order No. 8.

DISCUSSION

Production History

For the wells included in Birdtail Unit No. 2, production started January 1997 with 00/05-20-016-27W1/0 well. Oil production peaked at 11.8 m³/d in July 1998. Unit was producing 4.0 m³/d of oil and 8.5 m³/d of water, in December 2012. The oil production

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

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

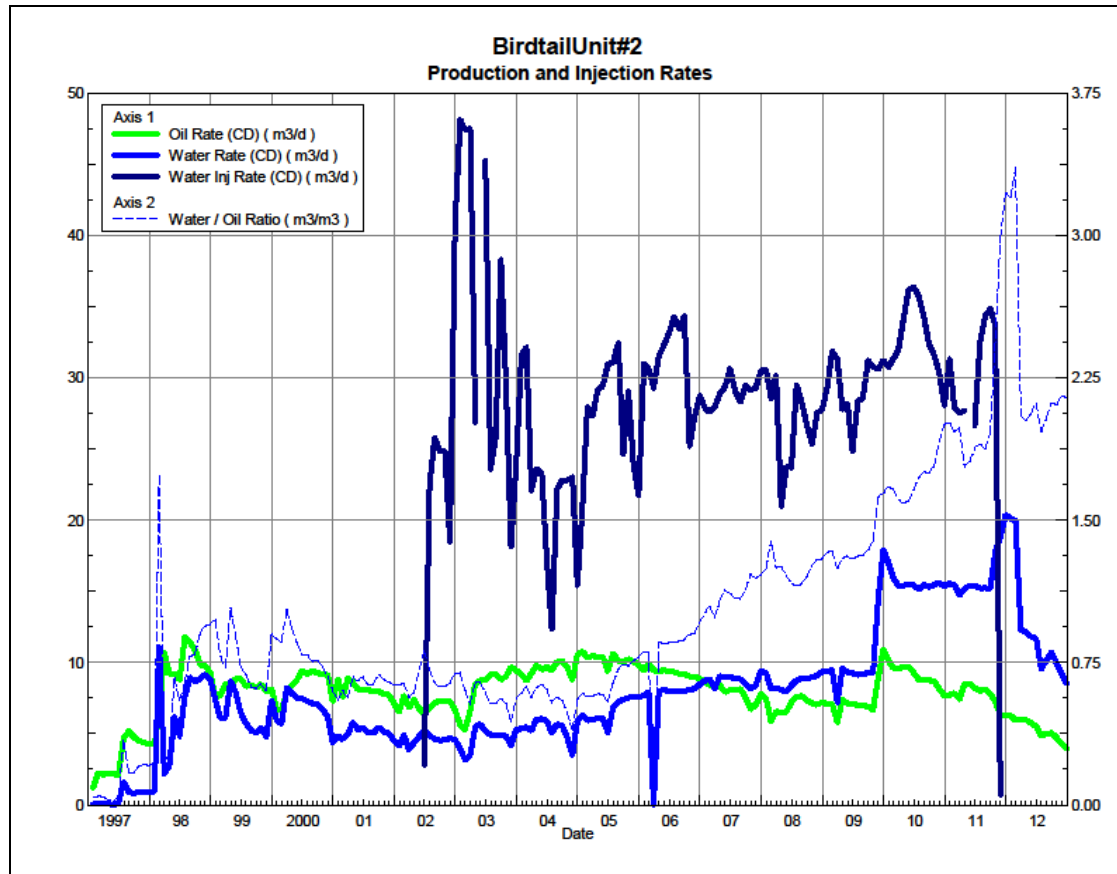
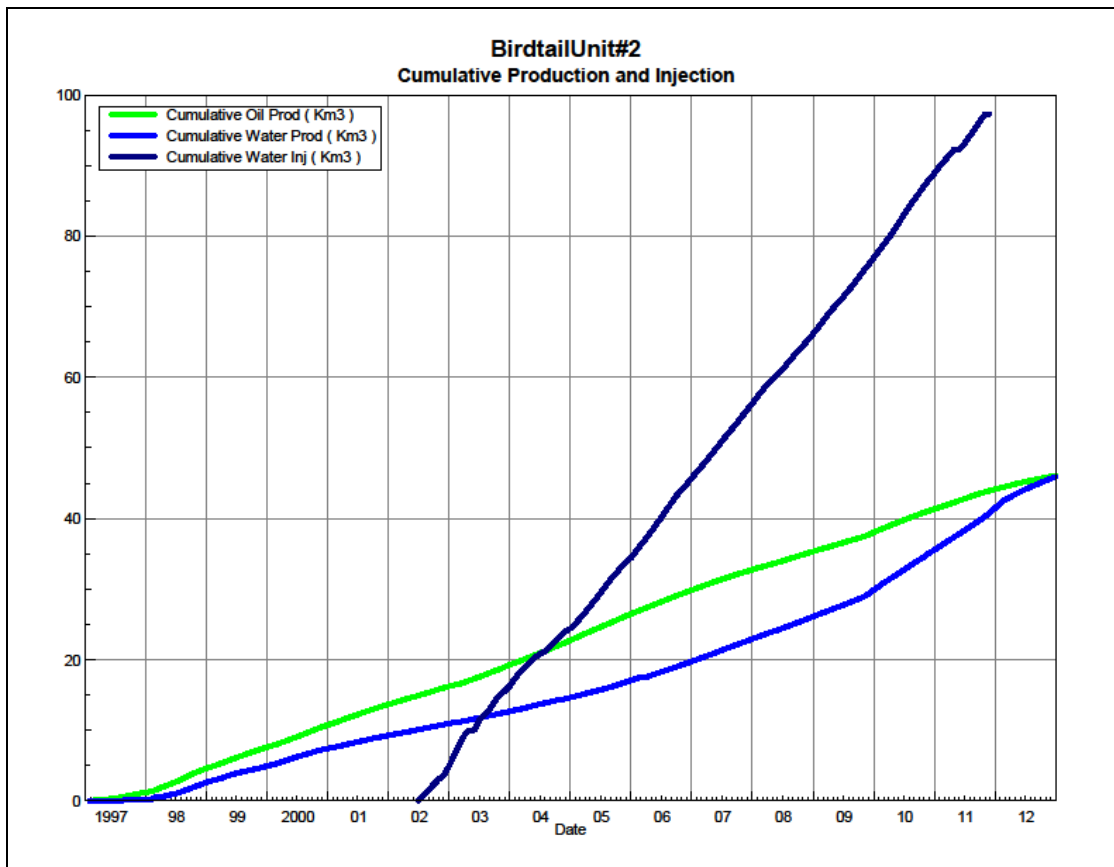


Figure 3 shows the cumulative production for Birdtail Unit No. 2 to the end of December 2012 as 46.1 E³m³ of oil, and 45.9 E³m³ of water. The cumulative water injected is 97.3 E³m³. Original Oil In Place for Birdtail Unit No. 2 is 393 E³m³. At the end of 2012 the recovery factor of Birdtail Unit No. 2 was 11.7%. The cumulative volume of oil, and water produced and fluid injected for each injection pattern and for the whole project for each injection well is presented in Appendix D.

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



Waterflood History

As of December 2012 the Unit has 2 active vertical injectors and 2 injector patterns in place, one injector on the west side 02/02-19-016-27W1/0, the other on the east side at 00/04-20-016-27W1/0. Water injection started in June 2002. An overall summary for each injector pattern is presented in Appendix C.

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

Waterflood EOR Operations

Water Source and Quality

The injection water for Birdtail Unit No. 2 is sourced from the 00/02-19-016-27W/2 well (Lodgepole formation). The water is treated at the 09-05-16-27W1 battery where it is filtered to 0.5 microns and has scale inhibitor added.

Injection Wellhead Pressures

The monthly wellhead injection pressures for each injection well is summarized in Appendix B, and shows all injection pressure since 2003. In 2011, the average injection pressure of injector 00/04-20-016-27W1/0 was 7000 kPag and 7100 kPag for 02/02-19-016-27W1/0.

Reservoir Pressure

Where practical, Tundra is committed to collecting pressure data from newly drilled injection wells. Currently, for Birdtail Unit No. 2 pressure data from 02/02-19-016-27W1 (Vertical), 03/02-19-016-27W1 (Hz) and 00/04-20-016-27W1 (Hz) is available. The reservoir pressures are 5266, 3990 and 5745 kPa(a) respectively for 2012.

Well Servicing

No maintenance was required on the 12 wells in Birdtail Unit No. 2 in 2012.

Voidage Replacement

Cumulative voidage for the Birdtail Unit No. 2 was 1.06 in December 2012. This is reasonable considering that the wells within the unit have been producing for almost fourteen years. Since 2002, monthly voidage is significantly greater than 1, which is why the Birdtail Unit No. 2 has a cumulative VRR greater than 1. Calculation, plots and tables of the Voidage replacement ratio on a monthly and cumulative basis for each injection pattern and for the project area are presented in Appendix D.

In consideration of the cumulative VRR in excess of 1, water injection was suspended in October 2011. It will resume with future waterflood optimization and Unit development.

Waterflood Performance Discussion

The original oil-in-place (OOIP) of $393 \text{ E}^3\text{m}^3$ with cumulative oil recovered to date of $46.1 \text{ E}^3\text{m}^3$ results in a recovery factor of 11.7%. The ultimate expected recoverable reserve based on decline analysis is $70 \text{ E}^3\text{m}^3$ or an ultimate recovery factor of 17.8%.

The overall performance of this waterflood has been good as indicated by an expected recovery factor of 17.8% and increased or flattened oil production since water injection began in 2002. It appears that the 2 water injectors are well placed and there are no water breakthrough issues that would lower the sweep efficiency.

Trends in production since 2012 have seen a decline in inflow and oil cut in some of the vertical producers. This corresponds to the same timing that the only horizontal well in the pool (well 02/07-19-016-27W1/0) commenced production. Even though total field voidage has been maintained well above unity, it may be that local withdrawals of fluid from the horizontal well are resulting in lower pressures and drainage. Optimization of the waterflood will be evaluated to address localized withdrawal rates, likely at the same time as facility enhancements are made to increase water handling capacity.

List of Appendices

Appendix A: Well Name and Well Status

Appendix B: Monthly Injection Wellhead Pressures Table and Plots

Appendix C: Birdtail Unit No. 2 Injection Pattern Summary

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

Plots and Tables for the following injectors:

02/02-19-016-27W1/0

00/04-20-016-27W1/0

Appendix A

UWI	Surface Location	Well Status
100/15-18-016-27W1/00		ABD Producer
100/16-18-016-27W1/00		Capable of OIL Prod
100/01-19-016-27W1/00		Capable of OIL Prod
100/02-19-016-27W1/00		ABD Producer
102/02-19-016-27W1/00		WTR Injection
103/02-19-016-27W1/00	103/04-20-016-27W1/00	Completing
100/07-19-016-27W1/00		Capable of OIL Prod
102/07-19-016-27W1/00	102/05-20-016-27W1/00	Capable of OIL Prod
100/08-19-016-27W1/00		Capable of OIL Prod
100/03-20-016-27W1/00		Capable of OIL Prod
100/04-20-016-27W1/00		WTR Injection
100/05-20-016-27W1/00		Capable of OIL Prod

Appendix B

Average Monthly Injection Pressure (kPag)

Injection Pressure			Injection Pressure			Injection Pressure		
Month	100/04-20	102/02-19	Month	100/04-20	102/02-19	Month	100/04-20	102/02-19
			Jan-06	8100	8200	Jan-09	8000	8100
			Feb-06	8100	8200	Feb-09	8000	8100
			Mar-06	8100	8200	Mar-09	8000	8100
			Apr-06	8100	8200	Apr-09	8000	8100
			May-06	8100	8200	May-09	8000	8100
			Jun-06	8100	8200	Jun-09	8000	8100
			Jul-06	8100	8200	Jul-09	8000	8100
			Aug-06	8100	8200	Aug-09	7774	8100
			Sep-06	8100	8200	Sep-09	8000	8100
			Oct-06	8055	8155	Oct-09	8000	7747
			Nov-06	7900	8050	Nov-09	8000	8100
			Dec-06	8000	8100	Dec-09	8000	6974
			Jan-07	8000	8100	Jan-10	8000	7084
			Feb-07	8000	8100	Feb-10	8000	8100
			Mar-07	8000	8100	Mar-10	8000	8100
			Apr-07	8000	8100	Apr-10	8000	8100
			May-07	8000	8100	May-10	8000	8100
			Jun-07	8000	8100	Jun-10	8000	8100
			Jul-07	8000	8100	Jul-10	8000	8100
			Aug-07	8000	6984	Aug-10	8000	8100
			Sep-07	8000	8100	Sep-10	8000	8100
			Oct-07	8000	8100	Oct-10	8000	8100
			Nov-07	8000	8100	Nov-10	8020	7963
			Dec-07	8000	8100	Dec-10	8003	7968
			Jan-08	8000	8100	Jan-11	7900	7800
			Feb-08	8000	8100	Feb-11	7882	7818
			Mar-08	8000	8100	Mar-11	7594	7777
			Apr-08	8000	8100	Apr-11	7743	7943
			May-08	8000	8100	May-11	7761	7897
			Jun-08	8000	8100	Jun-11	7057	7207
			Jul-08	8000	8100	Jul-11	7800	7900
			Aug-08	8000	8100	Aug-11	7800	7900
			Sep-08	8000	8100	Sep-11	7800	7900
			Oct-08	8000	8100	Oct-11	7129	7974
			Nov-08	8000	8100	Nov-11	4347	4157
			Dec-08	8000	8100	Dec-11	3767	2583
Oct-03	8400	8600						
Nov-03	8147	8220						
Dec-03	8310	8410						
Jan-04	8300	8400						
Feb-04	8300	8400						
Mar-04	8300	8400						
Apr-04	8240	8340						
May-04	8200	8300						
Jun-04	7390	7363						
Jul-04	5732	5581						
Aug-04	8200	8297						
Sep-04	8200	8300						
Oct-04	8200	8300						
Nov-04	8200	8300						
Dec-04	6997	6774						
Jan-05	7013	7000						
Feb-05	8000	8200						
Mar-05	8000	8200						
Apr-05	8000	8200						
May-05	8035	8200						
Jun-05	8100	8200						
Jul-05	8100	8200						
Aug-05	8100	8200						
Sep-05	8203	8303						
Oct-05	8300	8400						
Nov-05	8300	8400						
Dec-05	8197	8297						

Appendix C

Birdtail Unit No.2 Pattern Summary as of December 2012

[illegible]

Pattern: 02/02-19-016-27Inj Set: BirdtailUnit#2

Oil Formation Vol Factor : 1.00300 m3/m3

Water Formation Vol Factor : 1.00000 m3/m3

Water / Oil Ratio : 2.19 m3/m3

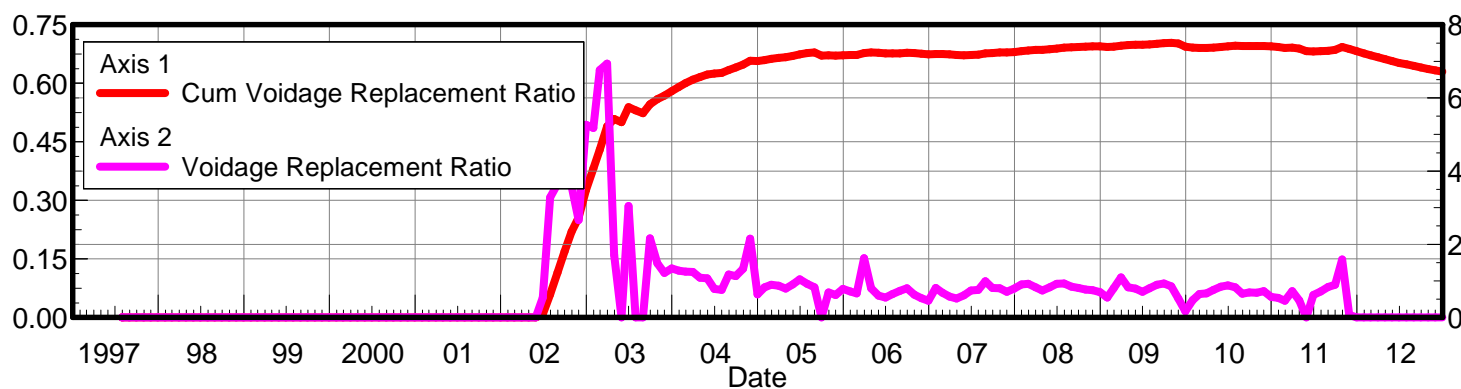
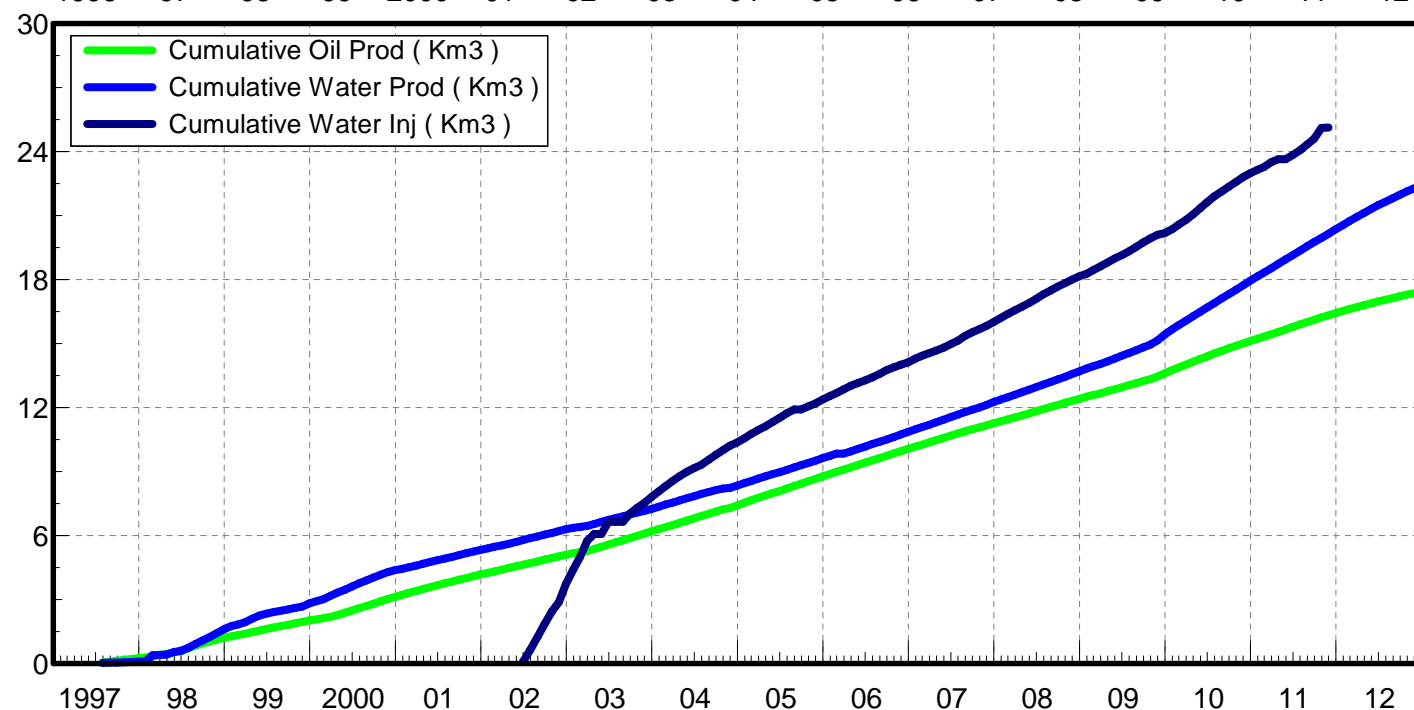
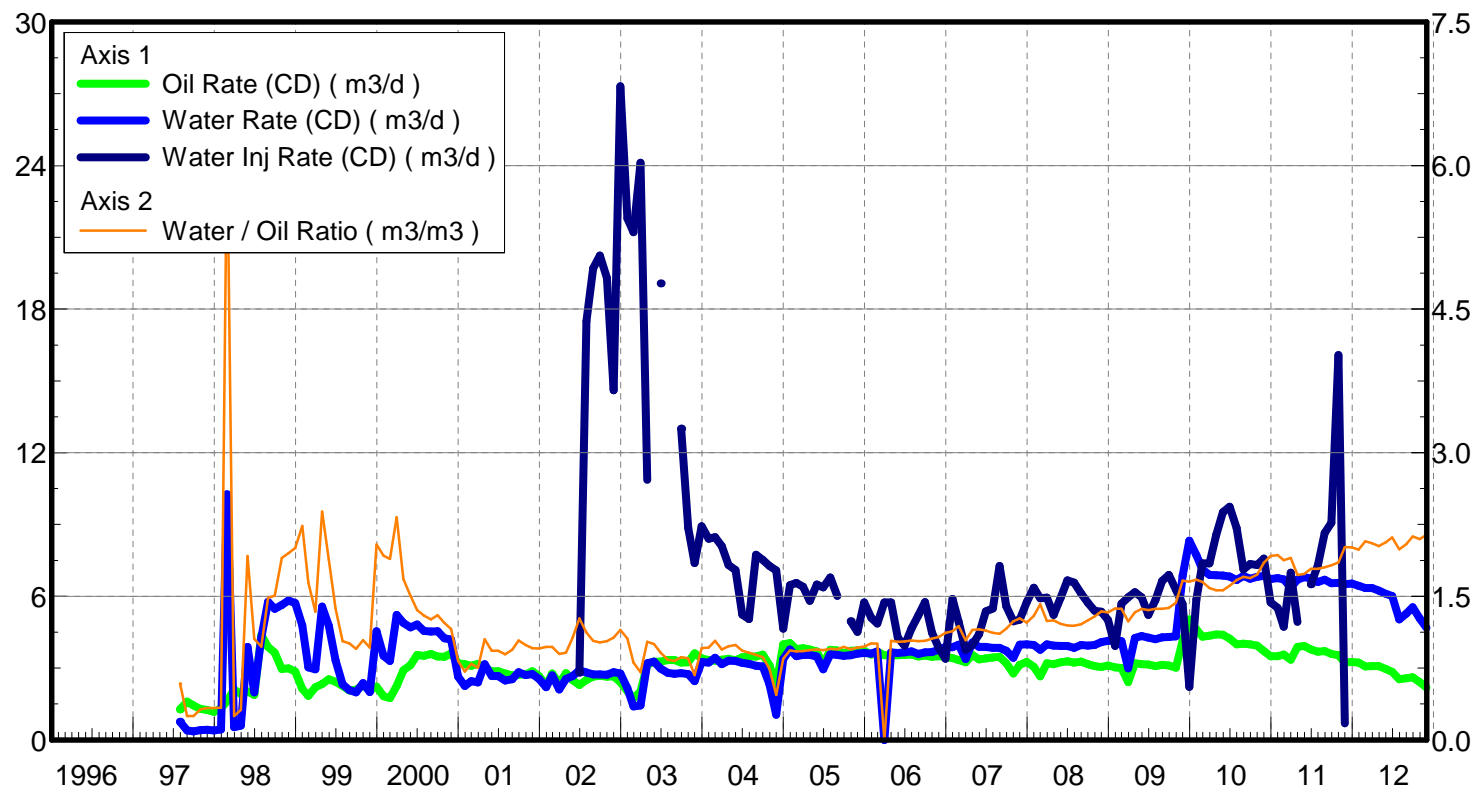
February 21, 2013

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 2.07 m3/d

Water Rate (CD) : 4.54 m3/d

Water Inj Rate (CD) : 0.69 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
7/31/1997	1.28	0.75	0.59		0.04	0.02	0.00	0.000	0.000
8/31/1997	1.60	0.40	0.25		0.09	0.04	0.00	0.000	0.000
9/30/1997	1.43	0.36	0.25		0.13	0.05	0.00	0.000	0.000
10/31/1997	1.30	0.41	0.32		0.17	0.06	0.00	0.000	0.000
11/30/1997	1.25	0.42	0.33		0.21	0.07	0.00	0.000	0.000
12/31/1997	1.17	0.39	0.33		0.25	0.08	0.00	0.000	0.000
1/31/1998	1.32	0.44	0.34		0.29	0.10	0.00	0.000	0.000
2/28/1998	1.63	10.27	6.30		0.33	0.39	0.00	0.000	0.000
3/31/1998	2.10	0.52	0.25		0.40	0.40	0.00	0.000	0.000
4/30/1998	1.92	0.60	0.31		0.46	0.42	0.00	0.000	0.000
5/31/1998	2.02	3.89	1.92		0.52	0.54	0.00	0.000	0.000
6/30/1998	1.88	1.98	1.05		0.57	0.60	0.00	0.000	0.000
7/31/1998	4.39	4.27	0.97		0.71	0.73	0.00	0.000	0.000
8/31/1998	3.89	5.77	1.48		0.83	0.91	0.00	0.000	0.000
9/30/1998	3.64	5.48	1.50		0.94	1.07	0.00	0.000	0.000
10/31/1998	2.97	5.64	1.90		1.03	1.25	0.00	0.000	0.000
11/30/1998	2.99	5.83	1.95		1.12	1.42	0.00	0.000	0.000
12/31/1998	2.85	5.71	2.00		1.21	1.60	0.00	0.000	0.000
1/31/1999	2.14	4.79	2.24		1.28	1.75	0.00	0.000	0.000
2/28/1999	1.84	3.02	1.64		1.33	1.83	0.00	0.000	0.000
3/31/1999	2.20	2.95	1.34		1.40	1.93	0.00	0.000	0.000
4/30/1999	2.34	5.57	2.39		1.47	2.09	0.00	0.000	0.000
5/31/1999	2.54	4.77	1.88		1.55	2.24	0.00	0.000	0.000
6/30/1999	2.42	3.33	1.37		1.62	2.34	0.00	0.000	0.000
7/31/1999	2.26	2.33	1.03		1.69	2.41	0.00	0.000	0.000
8/31/1999	2.06	2.08	1.01		1.75	2.48	0.00	0.000	0.000
9/30/1999	2.10	1.99	0.95		1.81	2.54	0.00	0.000	0.000
10/31/1999	2.28	2.38	1.04		1.89	2.61	0.00	0.000	0.000
11/30/1999	2.07	2.00	0.97		1.95	2.67	0.00	0.000	0.000
12/31/1999	2.23	4.54	2.04		2.02	2.81	0.00	0.000	0.000
1/31/2000	1.82	3.50	1.92		2.07	2.92	0.00	0.000	0.000
2/29/2000	1.74	3.29	1.89		2.12	3.02	0.00	0.000	0.000
3/31/2000	2.25	5.23	2.32		2.19	3.18	0.00	0.000	0.000
4/30/2000	2.91	4.89	1.68		2.28	3.33	0.00	0.000	0.000
5/31/2000	3.12	4.70	1.51		2.38	3.47	0.00	0.000	0.000
6/30/2000	3.55	4.82	1.36		2.48	3.62	0.00	0.000	0.000
7/31/2000	3.51	4.55	1.30		2.59	3.76	0.00	0.000	0.000
8/31/2000	3.59	4.52	1.26		2.70	3.90	0.00	0.000	0.000
9/30/2000	3.48	4.54	1.30		2.81	4.03	0.00	0.000	0.000
10/31/2000	3.47	4.25	1.22		2.92	4.16	0.00	0.000	0.000
11/30/2000	3.62	4.19	1.16		3.02	4.29	0.00	0.000	0.000
12/31/2000	3.20	2.64	0.82		3.12	4.37	0.00	0.000	0.000
1/31/2001	3.16	2.26	0.71		3.22	4.44	0.00	0.000	0.000
2/28/2001	3.10	2.46	0.79		3.31	4.51	0.00	0.000	0.000
3/31/2001	3.18	2.40	0.75		3.41	4.59	0.00	0.000	0.000
4/30/2001	3.01	3.17	1.05		3.50	4.68	0.00	0.000	0.000
5/31/2001	2.87	2.67	0.93		3.59	4.76	0.00	0.000	0.000
6/30/2001	2.87	2.67	0.93		3.67	4.84	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
7/31/2001	2.78	2.49	0.89		3.76	4.92	0.00	0.000	0.000
8/31/2001	2.69	2.53	0.94		3.84	5.00	0.00	0.000	0.000
9/30/2001	2.73	2.83	1.04		3.92	5.08	0.00	0.000	0.000
10/31/2001	2.74	2.71	0.99		4.01	5.17	0.00	0.000	0.000
11/30/2001	2.87	2.75	0.96		4.09	5.25	0.00	0.000	0.000
12/31/2001	2.67	2.55	0.95		4.18	5.33	0.00	0.000	0.000
1/31/2002	2.27	2.21	0.97		4.25	5.40	0.00	0.000	0.000
2/28/2002	2.78	2.70	0.97		4.33	5.47	0.00	0.000	0.000
3/31/2002	2.34	2.10	0.90		4.40	5.54	0.00	0.000	0.000
4/30/2002	2.79	2.54	0.91		4.48	5.61	0.00	0.000	0.000
5/31/2002	2.50	2.67	1.07		4.56	5.70	0.00	0.000	0.000
6/30/2002	2.29	2.91	1.27	2.82	4.63	5.78	0.08	0.541	0.008
7/31/2002	2.51	2.82	1.12	17.50	4.71	5.87	0.63	3.277	0.059
8/31/2002	2.65	2.74	1.03	19.70	4.79	5.96	1.24	3.653	0.115
9/30/2002	2.69	2.74	1.02	20.24	4.87	6.04	1.85	3.726	0.169
10/31/2002	2.65	2.73	1.03	19.30	4.95	6.12	2.44	3.586	0.220
11/30/2002	2.65	2.83	1.07	14.60	5.03	6.21	2.88	2.659	0.256
12/31/2002	2.41	2.77	1.15	27.32	5.11	6.29	3.73	5.262	0.327
1/31/2003	2.04	2.16	1.06	21.79	5.17	6.36	4.40	5.179	0.381
2/28/2003	1.73	1.40	0.81	21.21	5.22	6.40	5.00	6.762	0.430
3/31/2003	2.03	1.44	0.71	24.12	5.28	6.45	5.75	6.939	0.489
4/30/2003	3.13	3.21	1.02	10.86	5.37	6.54	6.07	1.710	0.509
5/31/2003	3.27	3.27	1.00		5.48	6.64	6.07	0.000	0.500
6/30/2003	3.27	2.98	0.91	19.07	5.57	6.73	6.64	3.048	0.539
7/31/2003	3.34	2.80	0.84		5.68	6.82	6.64	0.000	0.531
8/31/2003	3.34	2.76	0.83		5.78	6.90	6.64	0.000	0.523
9/30/2003	3.23	2.79	0.86	13.01	5.88	6.99	7.03	2.158	0.546
10/31/2003	3.24	2.75	0.85	8.86	5.98	7.07	7.31	1.476	0.559
11/30/2003	3.62	2.45	0.68	7.39	6.09	7.15	7.53	1.216	0.568
12/31/2003	3.40	3.26	0.96	8.92	6.19	7.25	7.81	1.337	0.580
1/31/2004	3.34	3.23	0.97	8.41	6.30	7.35	8.07	1.279	0.590
2/29/2004	3.32	3.43	1.04	8.48	6.39	7.45	8.31	1.254	0.600
3/31/2004	3.35	3.17	0.95	8.09	6.50	7.55	8.56	1.241	0.609
4/30/2004	3.40	3.31	0.98	7.31	6.60	7.65	8.78	1.088	0.616
5/31/2004	3.33	3.30	0.99	7.09	6.70	7.75	9.00	1.068	0.622
6/30/2004	3.46	3.21	0.93	5.24	6.80	7.84	9.16	0.783	0.624
7/31/2004	3.49	3.18	0.91	5.05	6.91	7.94	9.32	0.755	0.626
8/31/2004	3.48	3.10	0.89	7.73	7.02	8.04	9.56	1.173	0.634
9/30/2004	3.56	3.07	0.86	7.53	7.13	8.13	9.78	1.133	0.640
10/31/2004	3.12	2.32	0.74	7.27	7.22	8.20	10.01	1.335	0.648
11/30/2004	2.23	1.05	0.47	7.08	7.29	8.23	10.22	2.150	0.657
12/31/2004	3.99	3.38	0.85	4.65	7.41	8.34	10.36	0.629	0.657
1/31/2005	4.05	3.78	0.93	6.46	7.54	8.46	10.56	0.824	0.659
2/28/2005	3.79	3.50	0.92	6.56	7.65	8.55	10.75	0.899	0.663
3/31/2005	3.83	3.56	0.93	6.40	7.77	8.66	10.95	0.865	0.665
4/30/2005	3.78	3.55	0.94	5.81	7.88	8.77	11.12	0.792	0.667
5/31/2005	3.69	3.49	0.94	6.50	7.99	8.88	11.32	0.903	0.670
6/30/2005	3.15	2.95	0.94	6.37	8.09	8.97	11.51	1.043	0.674

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
7/31/2005	3.76	3.57	0.95	6.78	8.20	9.08	11.72	0.923	0.677
8/31/2005	3.74	3.55	0.95	6.01	8.32	9.19	11.91	0.824	0.679
9/30/2005	3.61	3.51	0.97		8.43	9.29	11.91	0.000	0.671
10/31/2005	3.73	3.53	0.95	4.96	8.54	9.40	12.06	0.682	0.671
11/30/2005	3.73	3.60	0.97	4.52	8.66	9.51	12.20	0.615	0.671
12/31/2005	3.73	3.64	0.98	5.75	8.77	9.62	12.38	0.779	0.672
1/31/2006	3.57	3.60	1.01	5.10	8.88	9.74	12.54	0.711	0.672
2/28/2006	3.68	3.70	1.00	4.86	8.99	9.84	12.67	0.658	0.672
3/31/2006	3.54	0.00	0.00	5.75	9.09	9.84	12.85	1.617	0.678
4/30/2006	3.54	3.66	1.04	5.74	9.20	9.95	13.02	0.796	0.679
5/31/2006	3.54	3.63	1.03	4.27	9.31	10.06	13.15	0.595	0.678
6/30/2006	3.56	3.66	1.03	3.94	9.42	10.17	13.27	0.545	0.677
7/31/2006	3.56	3.69	1.04	4.65	9.53	10.29	13.42	0.641	0.676
8/31/2006	3.49	3.60	1.03	5.20	9.64	10.40	13.58	0.732	0.677
9/30/2006	3.53	3.65	1.04	5.75	9.74	10.51	13.75	0.800	0.678
10/31/2006	3.46	3.67	1.06	4.47	9.85	10.62	13.89	0.625	0.678
11/30/2006	3.50	3.76	1.07	3.85	9.95	10.73	14.01	0.529	0.676
12/31/2006	3.47	3.88	1.12	3.39	10.06	10.85	14.11	0.460	0.674
1/31/2007	3.41	3.87	1.13	5.89	10.17	10.97	14.29	0.808	0.675
2/28/2007	3.34	3.98	1.19	4.94	10.26	11.09	14.43	0.674	0.675
3/31/2007	3.24	3.38	1.04	3.77	10.36	11.19	14.55	0.568	0.674
4/30/2007	3.55	4.07	1.15	3.96	10.47	11.31	14.67	0.519	0.672
5/31/2007	3.36	3.89	1.16	4.43	10.57	11.43	14.80	0.609	0.672
6/30/2007	3.40	3.88	1.14	5.36	10.67	11.55	14.96	0.735	0.672
7/31/2007	3.45	3.85	1.12	5.49	10.78	11.67	15.14	0.751	0.673
8/31/2007	3.47	3.84	1.11	7.27	10.89	11.79	15.36	0.994	0.676
9/30/2007	3.21	3.72	1.16	5.58	10.99	11.90	15.53	0.805	0.678
10/31/2007	2.77	3.43	1.24	4.95	11.07	12.01	15.68	0.797	0.679
11/30/2007	3.13	3.98	1.27	5.02	11.17	12.13	15.83	0.705	0.679
12/31/2007	3.25	3.99	1.23	5.75	11.27	12.25	16.01	0.794	0.680
1/31/2008	3.06	3.96	1.30	6.36	11.36	12.37	16.21	0.905	0.682
2/29/2008	2.66	3.77	1.42	5.92	11.44	12.48	16.38	0.919	0.684
3/31/2008	3.21	3.99	1.24	5.94	11.54	12.60	16.56	0.824	0.685
4/30/2008	3.16	3.94	1.25	5.22	11.63	12.72	16.72	0.735	0.686
5/31/2008	3.25	3.93	1.21	5.94	11.73	12.84	16.90	0.827	0.687
6/30/2008	3.28	3.92	1.20	6.67	11.83	12.96	17.10	0.925	0.689
7/31/2008	3.23	3.85	1.19	6.57	11.93	13.08	17.31	0.927	0.691
8/31/2008	3.28	3.96	1.21	6.12	12.03	13.20	17.50	0.844	0.692
9/30/2008	3.16	3.94	1.25	5.73	12.13	13.32	17.67	0.805	0.693
10/31/2008	3.08	3.97	1.29	5.40	12.22	13.45	17.84	0.765	0.694
11/30/2008	3.05	4.09	1.34	5.35	12.31	13.57	18.00	0.749	0.694
12/31/2008	3.11	4.14	1.33	5.01	12.41	13.70	18.15	0.690	0.694
1/31/2009	3.03	4.16	1.37	3.93	12.50	13.83	18.27	0.546	0.693
2/28/2009	3.01	4.12	1.37	5.69	12.59	13.94	18.43	0.797	0.694
3/31/2009	2.42	2.99	1.24	5.95	12.66	14.03	18.62	1.100	0.696
4/30/2009	3.20	4.26	1.33	6.17	12.76	14.16	18.80	0.826	0.697
5/31/2009	3.17	4.34	1.37	5.96	12.86	14.30	18.99	0.792	0.698
6/30/2009	3.15	4.28	1.36	5.23	12.95	14.42	19.14	0.702	0.698

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
7/31/2009	3.08	4.21	1.37	5.84	13.05	14.56	19.33	0.800	0.699
8/31/2009	3.14	4.29	1.37	6.65	13.15	14.69	19.53	0.894	0.701
9/30/2009	3.12	4.29	1.38	6.90	13.24	14.82	19.74	0.930	0.703
10/31/2009	3.02	4.33	1.43	6.27	13.33	14.95	19.93	0.853	0.704
11/30/2009	4.12	6.85	1.66	5.68	13.46	15.16	20.10	0.517	0.702
12/31/2009	5.04	8.32	1.65	2.21	13.61	15.41	20.17	0.165	0.694
1/31/2010	4.62	7.73	1.67	5.86	13.76	15.65	20.35	0.475	0.691
2/28/2010	4.32	7.13	1.65	7.38	13.88	15.85	20.56	0.644	0.691
3/31/2010	4.35	6.90	1.59	7.37	14.01	16.07	20.79	0.655	0.690
4/30/2010	4.41	6.89	1.56	8.57	14.14	16.27	21.05	0.758	0.691
5/31/2010	4.39	6.86	1.56	9.51	14.28	16.49	21.34	0.844	0.693
6/30/2010	4.24	6.82	1.61	9.74	14.41	16.69	21.63	0.880	0.695
7/31/2010	4.00	6.68	1.67	8.85	14.53	16.90	21.91	0.828	0.696
8/31/2010	4.02	6.85	1.70	7.12	14.66	17.11	22.13	0.654	0.696
9/30/2010	3.99	6.74	1.69	7.35	14.77	17.31	22.35	0.684	0.696
10/31/2010	3.95	6.81	1.73	7.31	14.90	17.52	22.58	0.679	0.695
11/30/2010	3.71	6.86	1.85	7.58	15.01	17.73	22.80	0.716	0.696
12/31/2010	3.50	6.72	1.92	5.74	15.12	17.94	22.98	0.561	0.694
1/31/2011	3.50	6.76	1.93	5.51	15.23	18.15	23.15	0.537	0.693
2/28/2011	3.57	6.70	1.88	4.72	15.33	18.34	23.28	0.460	0.691
3/31/2011	3.35	6.38	1.90	6.99	15.43	18.53	23.50	0.718	0.691
4/30/2011	3.89	6.70	1.72	4.93	15.55	18.73	23.65	0.465	0.689
5/31/2011	3.92	6.80	1.73		15.67	18.94	23.65	0.000	0.682
6/30/2011	3.77	6.75	1.79	6.50	15.78	19.15	23.84	0.618	0.682
7/31/2011	3.69	6.60	1.79	7.31	15.90	19.35	24.07	0.710	0.682
8/31/2011	3.71	6.69	1.80	8.65	16.01	19.56	24.34	0.830	0.683
9/30/2011	3.59	6.54	1.82	9.07	16.12	19.76	24.61	0.894	0.685
10/31/2011	3.54	6.56	1.85	16.07	16.23	19.96	25.11	1.589	0.693
11/30/2011	3.23	6.50	2.01	0.69	16.32	20.15	25.13	0.070	0.688
12/31/2011	3.25	6.54	2.01		16.43	20.36	25.13	0.000	0.682
1/31/2012	3.24	6.43	1.99		16.53	20.56	25.13	0.000	0.677
2/29/2012	3.06	6.35	2.07		16.61	20.74	25.13	0.000	0.672
3/31/2012	3.09	6.34	2.05		16.71	20.94	25.13	0.000	0.667
4/30/2012	3.08	6.24	2.03		16.80	21.12	25.13	0.000	0.662
5/31/2012	2.96	6.11	2.06		16.89	21.31	25.13	0.000	0.657
6/30/2012	2.84	6.02	2.12		16.98	21.49	25.13	0.000	0.652
7/31/2012	2.53	5.04	1.99		17.06	21.65	25.13	0.000	0.648
8/31/2012	2.58	5.27	2.04		17.14	21.81	25.13	0.000	0.644
9/30/2012	2.61	5.55	2.13		17.22	21.98	25.13	0.000	0.640
10/31/2012	2.42	5.07	2.10		17.29	22.14	25.13	0.000	0.637
11/30/2012	2.19	4.69	2.14		17.36	22.28	25.13	0.000	0.633
12/31/2012	2.07	4.54	2.19		17.42	22.42	25.13	0.000	0.630

Pattern: 00/04-20-016-27Inj Set: BirdtailUnit#2

Oil Formation Vol Factor : 1.00300 m3/m3

Water Formation Vol Factor : 1.00000 m3/m3

Water / Oil Ratio : 2.10 m3/m3

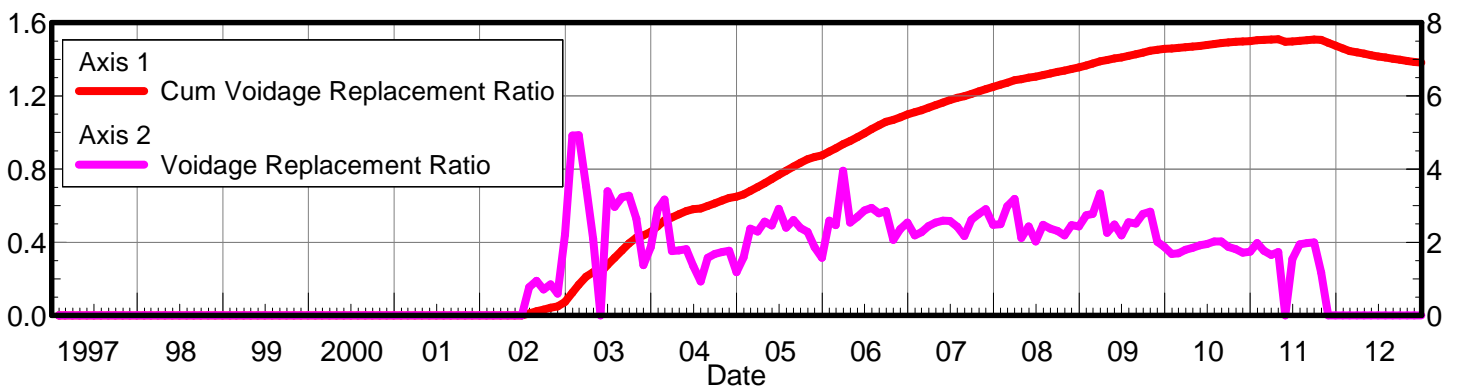
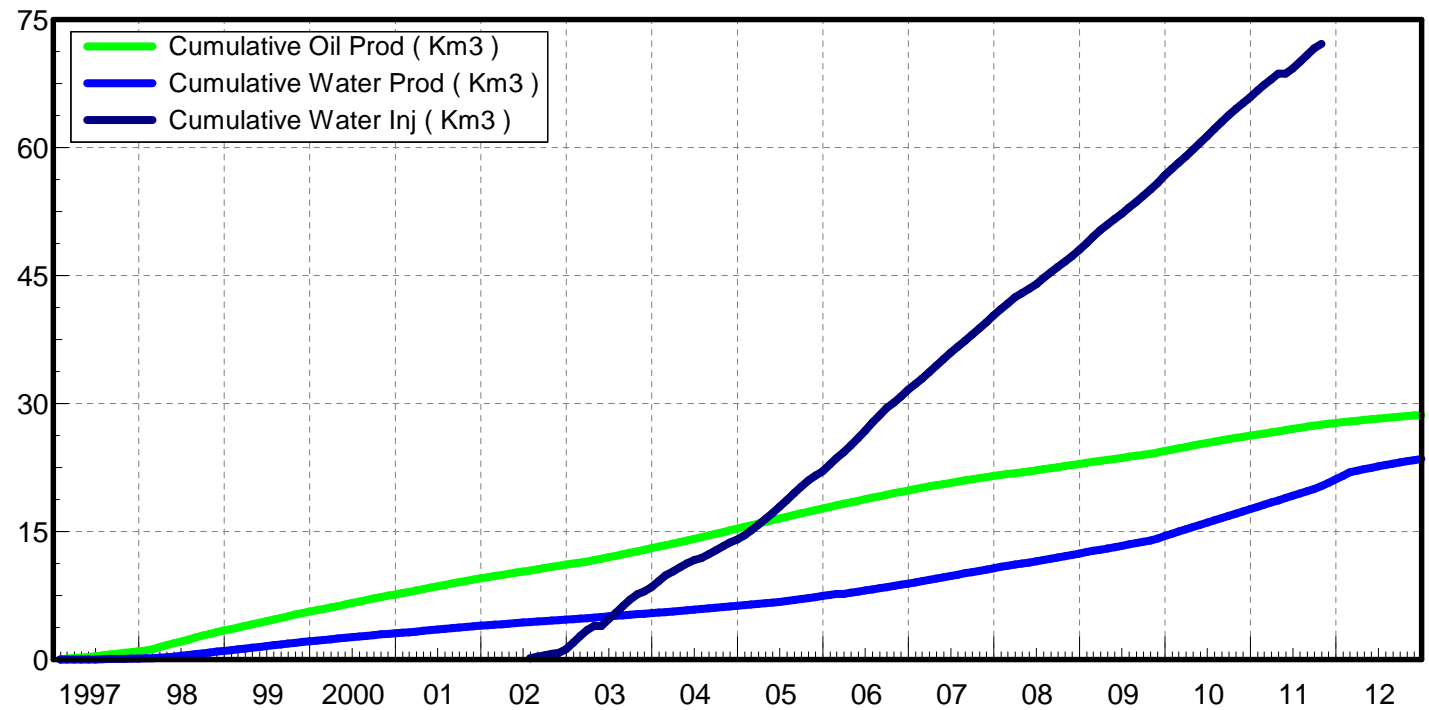
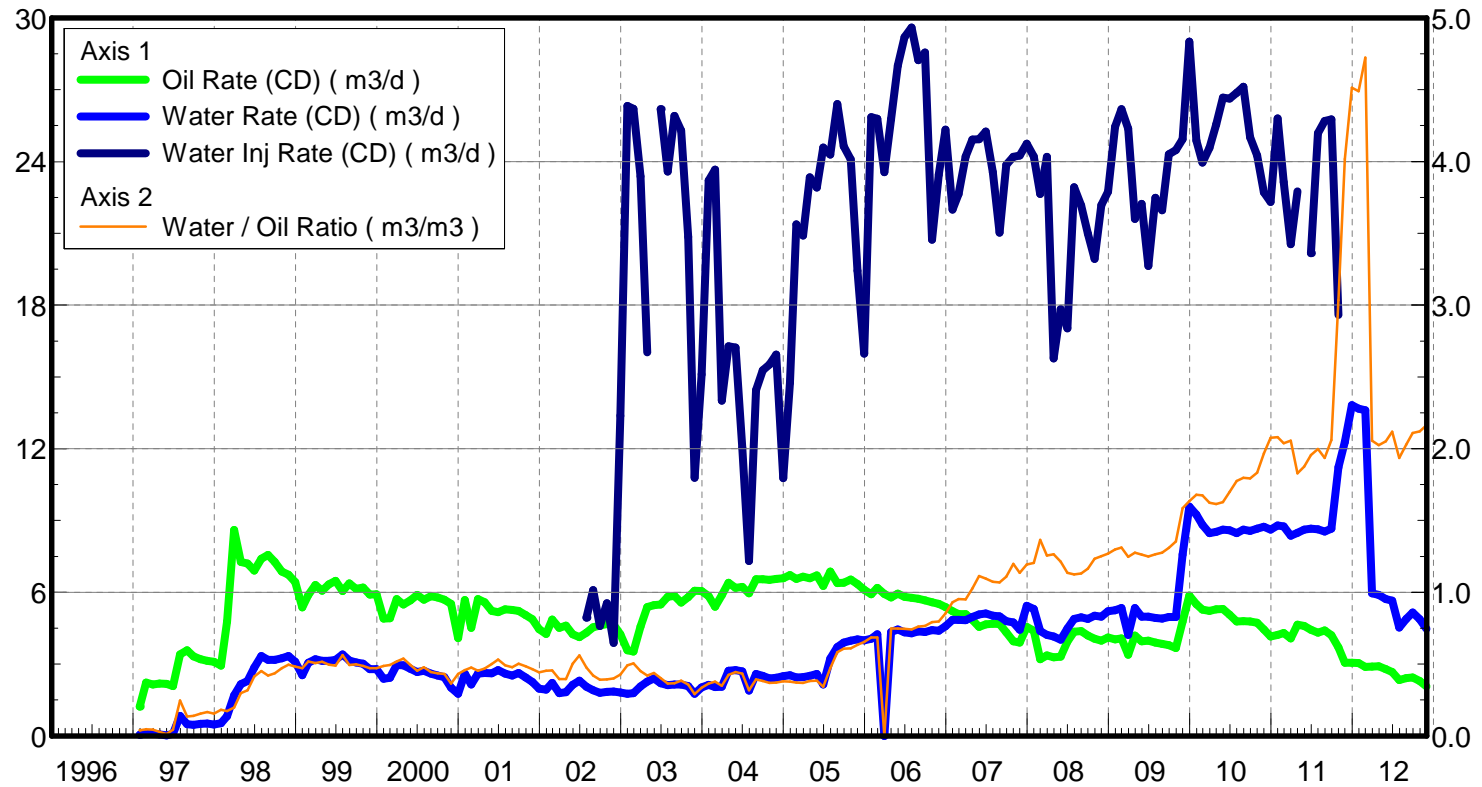
February 21, 2013

Operator: Tundra_O&G_Prtshp

Oil Rate (CD) : 1.90 m3/d

Water Rate (CD) : 3.98 m3/d

Water Inj Rate (CD) : 17.59 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
1/31/1997	1.23	0.05	0.04		0.04	0.00	0.00	0.000	0.000
2/28/1997	2.22	0.10	0.05		0.10	0.00	0.00	0.000	0.000
3/31/1997	2.14	0.09	0.04		0.17	0.01	0.00	0.000	0.000
4/30/1997	2.19	0.06	0.03		0.23	0.01	0.00	0.000	0.000
5/31/1997	2.17	0.03	0.01		0.30	0.01	0.00	0.000	0.000
6/30/1997	2.09	0.09	0.04		0.36	0.01	0.00	0.000	0.000
7/31/1997	3.40	0.84	0.25		0.47	0.04	0.00	0.000	0.000
8/31/1997	3.58	0.49	0.14		0.58	0.05	0.00	0.000	0.000
9/30/1997	3.33	0.46	0.14		0.68	0.07	0.00	0.000	0.000
10/31/1997	3.20	0.50	0.16		0.78	0.08	0.00	0.000	0.000
11/30/1997	3.14	0.52	0.17		0.87	0.10	0.00	0.000	0.000
12/31/1997	3.09	0.48	0.16		0.97	0.11	0.00	0.000	0.000
1/31/1998	2.94	0.53	0.18		1.06	0.13	0.00	0.000	0.000
2/28/1998	4.78	0.83	0.17		1.19	0.15	0.00	0.000	0.000
3/31/1998	8.60	1.70	0.20		1.46	0.21	0.00	0.000	0.000
4/30/1998	7.27	2.16	0.30		1.68	0.27	0.00	0.000	0.000
5/31/1998	7.20	2.29	0.32		1.90	0.34	0.00	0.000	0.000
6/30/1998	6.91	2.86	0.41		2.11	0.43	0.00	0.000	0.000
7/31/1998	7.40	3.34	0.45		2.34	0.53	0.00	0.000	0.000
8/31/1998	7.56	3.17	0.42		2.57	0.63	0.00	0.000	0.000
9/30/1998	7.27	3.17	0.44		2.79	0.72	0.00	0.000	0.000
10/31/1998	6.87	3.24	0.47		3.00	0.82	0.00	0.000	0.000
11/30/1998	6.74	3.34	0.50		3.21	0.93	0.00	0.000	0.000
12/31/1998	6.43	3.10	0.48		3.40	1.02	0.00	0.000	0.000
1/31/1999	5.37	2.54	0.47		3.57	1.10	0.00	0.000	0.000
2/28/1999	5.89	3.05	0.52		3.74	1.19	0.00	0.000	0.000
3/31/1999	6.30	3.20	0.51		3.93	1.28	0.00	0.000	0.000
4/30/1999	6.07	3.13	0.52		4.11	1.38	0.00	0.000	0.000
5/31/1999	6.34	3.14	0.50		4.31	1.48	0.00	0.000	0.000
6/30/1999	6.48	3.17	0.49		4.50	1.57	0.00	0.000	0.000
7/31/1999	6.06	3.40	0.56		4.69	1.68	0.00	0.000	0.000
8/31/1999	6.37	3.15	0.49		4.89	1.77	0.00	0.000	0.000
9/30/1999	6.15	3.07	0.50		5.07	1.87	0.00	0.000	0.000
10/31/1999	6.20	3.02	0.49		5.27	1.96	0.00	0.000	0.000
11/30/1999	5.91	2.79	0.47		5.44	2.04	0.00	0.000	0.000
12/31/1999	5.92	2.80	0.47		5.63	2.13	0.00	0.000	0.000
1/31/2000	4.91	2.39	0.49		5.78	2.20	0.00	0.000	0.000
2/29/2000	4.91	2.42	0.49		5.92	2.27	0.00	0.000	0.000
3/31/2000	5.72	2.97	0.52		6.10	2.37	0.00	0.000	0.000
4/30/2000	5.49	2.96	0.54		6.26	2.46	0.00	0.000	0.000
5/31/2000	5.67	2.80	0.49		6.44	2.54	0.00	0.000	0.000
6/30/2000	5.89	2.67	0.45		6.62	2.62	0.00	0.000	0.000
7/31/2000	5.69	2.73	0.48		6.79	2.71	0.00	0.000	0.000
8/31/2000	5.84	2.60	0.45		6.97	2.79	0.00	0.000	0.000
9/30/2000	5.79	2.52	0.44		7.15	2.86	0.00	0.000	0.000
10/31/2000	5.69	2.46	0.43		7.32	2.94	0.00	0.000	0.000
11/30/2000	5.51	2.01	0.36		7.49	3.00	0.00	0.000	0.000
12/31/2000	4.09	1.76	0.43		7.62	3.05	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
1/31/2001	5.67	2.60	0.46		7.79	3.13	0.00	0.000	0.000
2/28/2001	4.51	2.14	0.48		7.92	3.19	0.00	0.000	0.000
3/31/2001	5.72	2.60	0.45		8.09	3.28	0.00	0.000	0.000
4/30/2001	5.59	2.63	0.47		8.26	3.35	0.00	0.000	0.000
5/31/2001	5.23	2.62	0.50		8.42	3.44	0.00	0.000	0.000
6/30/2001	5.17	2.75	0.53		8.58	3.52	0.00	0.000	0.000
7/31/2001	5.29	2.60	0.49		8.74	3.60	0.00	0.000	0.000
8/31/2001	5.26	2.52	0.48		8.91	3.68	0.00	0.000	0.000
9/30/2001	5.23	2.63	0.50		9.06	3.76	0.00	0.000	0.000
10/31/2001	5.04	2.44	0.48		9.22	3.83	0.00	0.000	0.000
11/30/2001	4.87	2.26	0.46		9.37	3.90	0.00	0.000	0.000
12/31/2001	4.45	1.97	0.44		9.50	3.96	0.00	0.000	0.000
1/31/2002	4.26	1.93	0.45		9.64	4.02	0.00	0.000	0.000
2/28/2002	4.87	2.21	0.45		9.77	4.08	0.00	0.000	0.000
3/31/2002	4.51	1.78	0.40		9.91	4.14	0.00	0.000	0.000
4/30/2002	4.60	1.82	0.40		10.05	4.19	0.00	0.000	0.000
5/31/2002	4.25	2.14	0.50		10.18	4.26	0.00	0.000	0.000
6/30/2002	4.13	2.31	0.56		10.31	4.33	0.00	0.000	0.000
7/31/2002	4.31	2.05	0.48	4.94	10.44	4.39	0.15	0.776	0.010
8/31/2002	4.53	1.91	0.42	6.09	10.58	4.45	0.34	0.944	0.023
9/30/2002	4.61	1.80	0.39	4.59	10.72	4.50	0.48	0.715	0.031
10/31/2002	4.68	1.84	0.39	5.54	10.86	4.56	0.65	0.848	0.042
11/30/2002	4.65	1.86	0.40	3.89	11.00	4.62	0.77	0.596	0.049
12/31/2002	4.24	1.81	0.43	13.38	11.13	4.67	1.18	2.206	0.075
1/31/2003	3.58	1.76	0.49	26.32	11.25	4.73	2.00	4.919	0.125
2/28/2003	3.53	1.78	0.50	26.20	11.34	4.78	2.73	4.927	0.169
3/31/2003	4.56	2.06	0.45	23.38	11.49	4.84	3.46	3.523	0.211
4/30/2003	5.38	2.27	0.42	16.02	11.65	4.91	3.94	2.090	0.237
5/31/2003	5.47	2.40	0.44		11.82	4.98	3.94	0.000	0.234
6/30/2003	5.49	2.21	0.40	26.19	11.98	5.05	4.72	3.397	0.277
7/31/2003	5.81	2.12	0.36	23.57	12.16	5.12	5.45	2.968	0.315
8/31/2003	5.86	2.14	0.37	25.91	12.34	5.18	6.26	3.233	0.356
9/30/2003	5.57	2.14	0.39	25.29	12.51	5.25	7.02	3.273	0.394
10/31/2003	5.79	2.08	0.36	20.85	12.69	5.31	7.66	2.643	0.425
11/30/2003	6.06	1.76	0.29	10.78	12.87	5.36	7.99	1.375	0.437
12/31/2003	6.05	2.03	0.34	15.11	13.06	5.43	8.45	1.865	0.456
1/31/2004	5.84	2.13	0.37	23.21	13.24	5.49	9.17	2.905	0.489
2/29/2004	5.40	2.04	0.38	23.66	13.40	5.55	9.86	3.172	0.519
3/31/2004	5.88	2.05	0.35	14.01	13.58	5.62	10.29	1.764	0.535
4/30/2004	6.40	2.72	0.42	16.28	13.77	5.70	10.78	1.781	0.553
5/31/2004	6.18	2.75	0.44	16.23	13.96	5.78	11.29	1.814	0.570
6/30/2004	6.23	2.69	0.43	12.05	14.15	5.86	11.65	1.347	0.581
7/31/2004	5.96	1.90	0.32	7.31	14.33	5.92	11.87	0.927	0.585
8/31/2004	6.55	2.58	0.39	14.45	14.54	6.00	12.32	1.580	0.599
9/30/2004	6.55	2.50	0.38	15.28	14.73	6.08	12.78	1.685	0.613
10/31/2004	6.52	2.40	0.37	15.52	14.94	6.15	13.26	1.735	0.628
11/30/2004	6.56	2.43	0.37	15.93	15.13	6.22	13.74	1.767	0.642
12/31/2004	6.59	2.50	0.38	10.77	15.34	6.30	14.07	1.183	0.649

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
1/31/2005	6.72	2.54	0.38	14.75	15.54	6.38	14.53	1.589	0.661
2/28/2005	6.57	2.44	0.37	21.38	15.73	6.45	15.13	2.370	0.681
3/31/2005	6.65	2.46	0.37	20.91	15.93	6.53	15.78	2.291	0.701
4/30/2005	6.58	2.51	0.38	23.34	16.13	6.60	16.48	2.562	0.723
5/31/2005	6.71	2.59	0.39	22.91	16.34	6.68	17.19	2.459	0.745
6/30/2005	6.26	2.15	0.34	24.58	16.53	6.74	17.92	2.917	0.769
7/31/2005	6.87	3.24	0.47	24.29	16.74	6.85	18.68	2.399	0.790
8/31/2005	6.39	3.72	0.58	26.40	16.94	6.96	19.50	2.607	0.814
9/30/2005	6.40	3.89	0.61	24.64	17.13	7.08	20.24	2.390	0.834
10/31/2005	6.54	3.99	0.61	24.08	17.33	7.20	20.98	2.285	0.853
11/30/2005	6.35	4.03	0.63	19.43	17.52	7.32	21.56	1.869	0.866
12/31/2005	6.10	3.99	0.65	15.98	17.71	7.45	22.06	1.579	0.875
1/31/2006	5.91	4.05	0.69	25.85	17.90	7.57	22.86	2.589	0.896
2/28/2006	6.19	4.25	0.69	25.79	18.07	7.69	23.58	2.468	0.914
3/31/2006	5.94	0.00	0.00	23.55	18.25	7.69	24.31	3.956	0.935
4/30/2006	5.79	4.33	0.75	25.78	18.43	7.82	25.09	2.542	0.954
5/31/2006	5.94	4.44	0.75	28.01	18.61	7.96	25.96	2.694	0.975
6/30/2006	5.81	4.33	0.75	29.20	18.79	8.09	26.83	2.875	0.996
7/31/2006	5.77	4.29	0.74	29.60	18.96	8.22	27.75	2.938	1.019
8/31/2006	5.73	4.37	0.76	28.24	19.14	8.36	28.62	2.792	1.039
9/30/2006	5.67	4.34	0.77	28.56	19.31	8.49	29.48	2.849	1.058
10/31/2006	5.58	4.42	0.79	20.74	19.49	8.62	30.12	2.070	1.069
11/30/2006	5.51	4.40	0.80	23.44	19.65	8.76	30.83	2.361	1.083
12/31/2006	5.38	4.59	0.85	25.34	19.82	8.90	31.61	2.539	1.099
1/31/2007	5.21	4.85	0.93	21.99	19.98	9.05	32.29	2.184	1.110
2/28/2007	5.08	4.84	0.95	22.65	20.12	9.18	32.93	2.278	1.121
3/31/2007	5.08	4.83	0.95	24.21	20.28	9.33	33.68	2.438	1.135
4/30/2007	4.84	4.97	1.03	24.92	20.42	9.48	34.43	2.534	1.149
5/31/2007	4.56	5.07	1.11	24.93	20.57	9.64	35.20	2.586	1.163
6/30/2007	4.67	5.11	1.10	25.25	20.71	9.79	35.96	2.578	1.177
7/31/2007	4.69	5.02	1.07	23.55	20.85	9.95	36.69	2.422	1.189
8/31/2007	4.68	5.00	1.07	21.03	21.00	10.10	37.34	2.170	1.198
9/30/2007	4.33	4.79	1.11	23.87	21.13	10.25	38.06	2.613	1.211
10/31/2007	3.95	4.74	1.20	24.20	21.25	10.39	38.81	2.778	1.224
11/30/2007	3.90	4.43	1.14	24.25	21.36	10.53	39.53	2.905	1.237
12/31/2007	4.55	5.44	1.19	24.75	21.51	10.70	40.30	2.473	1.249
1/31/2008	4.40	5.30	1.21	24.20	21.64	10.86	41.05	2.493	1.260
2/29/2008	3.20	4.37	1.37	22.64	21.74	10.99	41.71	2.985	1.272
3/31/2008	3.36	4.23	1.26	24.20	21.84	11.12	42.46	3.184	1.286
4/30/2008	3.28	4.16	1.27	15.77	21.94	11.24	42.93	2.118	1.291
5/31/2008	3.31	4.02	1.21	17.83	22.04	11.37	43.48	2.431	1.299
6/30/2008	3.94	4.48	1.14	17.03	22.16	11.50	43.99	2.018	1.304
7/31/2008	4.35	4.89	1.12	22.93	22.29	11.65	44.70	2.476	1.314
8/31/2008	4.38	4.95	1.13	22.16	22.43	11.81	45.39	2.371	1.323
9/30/2008	4.20	4.89	1.16	20.99	22.56	11.95	46.02	2.307	1.331
10/31/2008	4.06	5.02	1.23	19.94	22.68	12.11	46.64	2.192	1.338
11/30/2008	3.98	4.98	1.25	22.18	22.80	12.26	47.30	2.472	1.347
12/31/2008	4.11	5.21	1.27	22.74	22.93	12.42	48.01	2.435	1.356

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
1/31/2009	4.04	5.24	1.30	25.46	23.05	12.58	48.80	2.740	1.367
2/28/2009	4.08	5.35	1.31	26.19	23.17	12.73	49.53	2.776	1.377
3/31/2009	3.39	4.22	1.25	25.37	23.27	12.86	50.32	3.330	1.390
4/30/2009	4.19	5.35	1.28	21.60	23.40	13.02	50.97	2.261	1.397
5/31/2009	3.95	4.99	1.26	22.24	23.52	13.18	51.66	2.485	1.405
6/30/2009	3.98	4.98	1.25	19.64	23.64	13.33	52.25	2.189	1.411
7/31/2009	3.90	4.92	1.26	22.49	23.76	13.48	52.94	2.547	1.419
8/31/2009	3.84	4.90	1.28	21.96	23.88	13.63	53.62	2.508	1.427
9/30/2009	3.79	4.97	1.31	24.31	23.99	13.78	54.35	2.771	1.436
10/31/2009	3.67	4.97	1.35	24.47	24.11	13.94	55.11	2.831	1.446
11/30/2009	4.78	7.58	1.59	24.93	24.25	14.16	55.86	2.015	1.451
12/31/2009	5.86	9.58	1.63	29.01	24.43	14.46	56.76	1.876	1.457
1/31/2010	5.50	9.24	1.68	24.88	24.60	14.75	57.53	1.685	1.459
2/28/2010	5.27	8.82	1.67	23.96	24.75	14.99	58.20	1.698	1.462
3/31/2010	5.22	8.47	1.62	24.56	24.91	15.26	58.96	1.792	1.465
4/30/2010	5.28	8.53	1.61	25.54	25.07	15.51	59.73	1.847	1.469
5/31/2010	5.30	8.62	1.63	26.67	25.24	15.78	60.55	1.914	1.474
6/30/2010	5.06	8.60	1.70	26.63	25.39	16.04	61.35	1.948	1.478
7/31/2010	4.78	8.48	1.78	26.87	25.54	16.30	62.19	2.025	1.484
8/31/2010	4.80	8.62	1.80	27.12	25.68	16.57	63.03	2.020	1.489
9/30/2010	4.78	8.57	1.79	25.01	25.83	16.82	63.78	1.872	1.493
10/31/2010	4.72	8.66	1.83	24.25	25.97	17.09	64.53	1.810	1.496
11/30/2010	4.45	8.74	1.97	22.71	26.11	17.35	65.21	1.720	1.498
12/31/2010	4.15	8.62	2.08	22.31	26.24	17.62	65.90	1.745	1.500
1/31/2011	4.23	8.79	2.08	25.80	26.37	17.89	66.70	1.980	1.504
2/28/2011	4.30	8.76	2.04	23.14	26.49	18.14	67.35	1.771	1.507
3/31/2011	4.07	8.36	2.06	20.55	26.61	18.40	67.99	1.652	1.508
4/30/2011	4.64	8.49	1.83	22.75	26.75	18.65	68.67	1.731	1.510
5/31/2011	4.60	8.62	1.88		26.89	18.92	68.67	0.000	1.496
6/30/2011	4.43	8.66	1.96	20.17	27.03	19.18	69.27	1.539	1.497
7/31/2011	4.32	8.63	2.00	25.19	27.16	19.45	70.06	1.944	1.500
8/31/2011	4.41	8.54	1.94	25.70	27.30	19.71	70.85	1.982	1.505
9/30/2011	4.20	8.66	2.06	25.76	27.42	19.97	71.62	2.000	1.509
10/31/2011	3.70	11.23	3.03	17.59	27.54	20.32	72.17	1.178	1.505
11/30/2011	3.06	12.28	4.02		27.63	20.69	72.17	0.000	1.491
12/31/2011	3.06	13.82	4.51		27.73	21.12	72.17	0.000	1.475
1/31/2012	3.05	13.67	4.49		27.82	21.54	72.17	0.000	1.460
2/29/2012	2.88	13.61	4.72		27.90	21.94	72.17	0.000	1.446
3/31/2012	2.90	5.96	2.06		27.99	22.12	72.17	0.000	1.438
4/30/2012	2.90	5.88	2.03		28.08	22.30	72.17	0.000	1.430
5/31/2012	2.78	5.71	2.05		28.17	22.47	72.17	0.000	1.423
6/30/2012	2.67	5.65	2.12		28.25	22.64	72.17	0.000	1.416
7/31/2012	2.34	4.53	1.94		28.32	22.78	72.17	0.000	1.410
8/31/2012	2.41	4.89	2.03		28.39	22.94	72.17	0.000	1.404
9/30/2012	2.45	5.16	2.11		28.47	23.09	72.17	0.000	1.397
10/31/2012	2.30	4.87	2.12		28.54	23.24	72.17	0.000	1.391
11/30/2012	2.06	4.47	2.16		28.60	23.38	72.17	0.000	1.386

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	1.90	3.98	2.10		28.66	23.50	72.17	0.000	1.381



Company Name	TUNDRA OIL & GAS LTD.
Well Name	BIRDTAIL UNIT NO. 2 PROV. WIW
Unique Well ID	102/02-19-016-27W1/0
Formation	BAKKEN
Well License Number	4811
Test Type	Injection and Falloff
Start Test Date	2012/06/11
Final Test Date	2012/06/27

Prepared By	Pam Cruickshank
Report Date	2012/06/29

Pure Energy Services Ltd.
10th Floor, 333 - 11th Avenue SW, Calgary, Alberta T2R 1L9
Phone: 403-262-4000 Fax: 403-237-9731
www.pure-energy.ca

Well Information

Company Name TUNDRA OIL & GAS LTD.			
Well Name BIRDTAIL UNIT NO. 2 PROV. WIW			
Contact	MURRAY STEWART	KB Elevation (SL)	478.17 m
Surface Location	02-19-016-27W1	GL Elevation (SL)	473.47 m
Unique Well ID	102/02-19-016-27W1/0	CF Elevation (SL)	474.37 m
Well Type	Vertical	KB-GL Offset	4.70 m
Well Fluid Type	06 Water	KB-CF Offset	3.80 m
H2S Indicator	No		
Formation BAKKEN			
Top(Log KB)	519.00 m	Bottom(Log KB)	522.00 m
Top(TVD KB)	519.00 m	Bottom(TVD KB)	522.00 m

Test Information

Test Type	Injection and Falloff	Start Test Date	2012/06/11 12:55:00
Test Purpose	Annual Pressure	Final Test Date	2012/06/27 10:30:25
		Date Well Shut-In	2012/06/11 15:33:35
Tubing OD	60.3 mm	Tubing Pressure: Initial	93.00 kPa(a)
Tubing ID	50.7 mm	Tubing Pressure: Final	93.00 kPa(a)
Tubing Depth(Log KB)	518.70000 m	Casing Pressure: Initial	93.00 kPa(a)
Tubing Depth(TVD KB)	518.70000 m	Casing Pressure: Final	108.00 kPa(a)
Casing OD	114.3 mm	Representative	Kent Dowhanuik
Casing ID	103.9 mm	Prepared By	Pam Cruickshank
Casing Depth(Log KB)	546.00000 m	Qualified By	Steve Dawson
Casing Depth(TVD KB)	546.00000 m	Report Date	2012/06/29
Packer Depth(Log KB)	m		
Packer Depth(TVD KB)	m		
PBTD(Log KB)	546.00 m		
PBTD(TVD KB)	546.00 m		

Test Results

Gauge Serial Number	77497
Run Depth (Log KB)	520.50 m
Run Depth (TVD KB)	520.50 m
Pressure at Stop Depth	5304.47 kPa(a)
MPP Depth	520.50 m
Representative Pressure at MPP	5266.18 kPa(a)
Reservoir Temperature	16.67 °C

Remarks

For AB wells, the Interval (Log Depth mKB) must match the GCI Interval in the Petroleum Registry for a successful submission

Recorder

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

Well Name BIRDTAIL UNIT NO. 2 PROV. WIW
Formation BAKKEN

Gauge Name Bottom
Gauge Serial Number 77497
Run Depth (TVD KB) 520.50
Date of Last Calibration 2012/03/22
Gauge Start Date 2012/06/11
Gauge Stop Date 2012/06/27
Date Gauge On Bottom 2012/06/11
Date Gauge Off Bottom 2012/06/27

Gauge Type Strain
Gauge Manufacturer Spartek Systems
Gauge Model SS2552
Maximum Recorder Range 41370.00
Gauge Start Time 12:55:00
Gauge Stop Time 10:30:25
Time Gauge On Bottom 15:26:25
Time Gauge Off Bottom 09:32:25

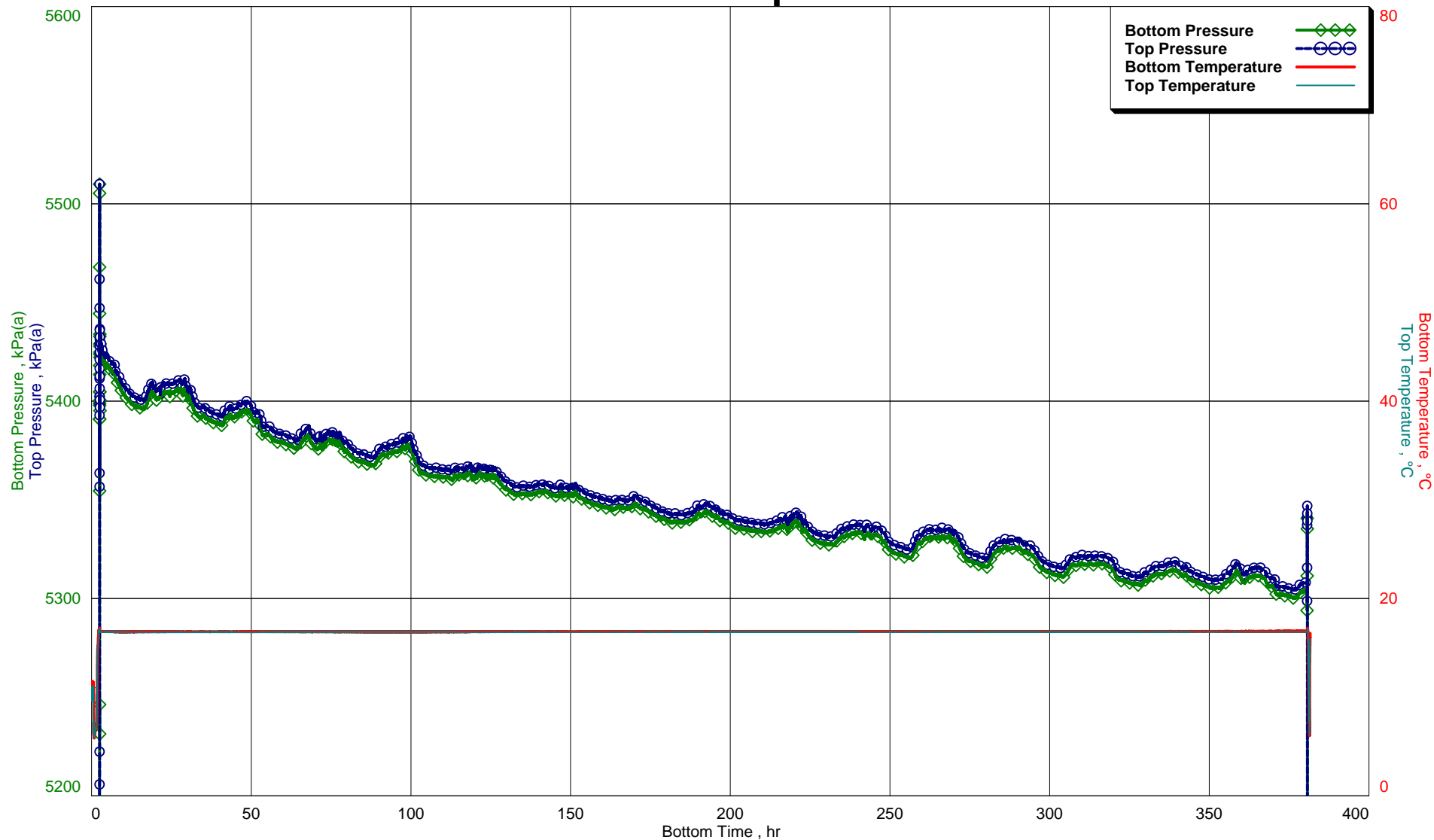
Gauge Name Top
Gauge Serial Number 77495
Run Depth (TVD KB) 520.25
Date of Last Calibration 2012/03/22
Gauge Start Date 2012/06/11
Gauge Stop Date 2012/06/27
Date Gauge On Bottom 2012/06/11
Date Gauge Off Bottom 2012/06/27

Gauge Type Strain
Gauge Manufacturer Spartek Systems
Gauge Model SS2552
Maximum Recorder Range 41370.00
Gauge Start Time 12:55:00
Gauge Stop Time 10:30:25
Time Gauge On Bottom 15:26:25
Time Gauge Off Bottom 09:32:25

TUNDRA OIL & GAS LTD.
102/02-19-016-27W1/0
Start Test Date: 2012/06/11
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
Formation: BAKKEN

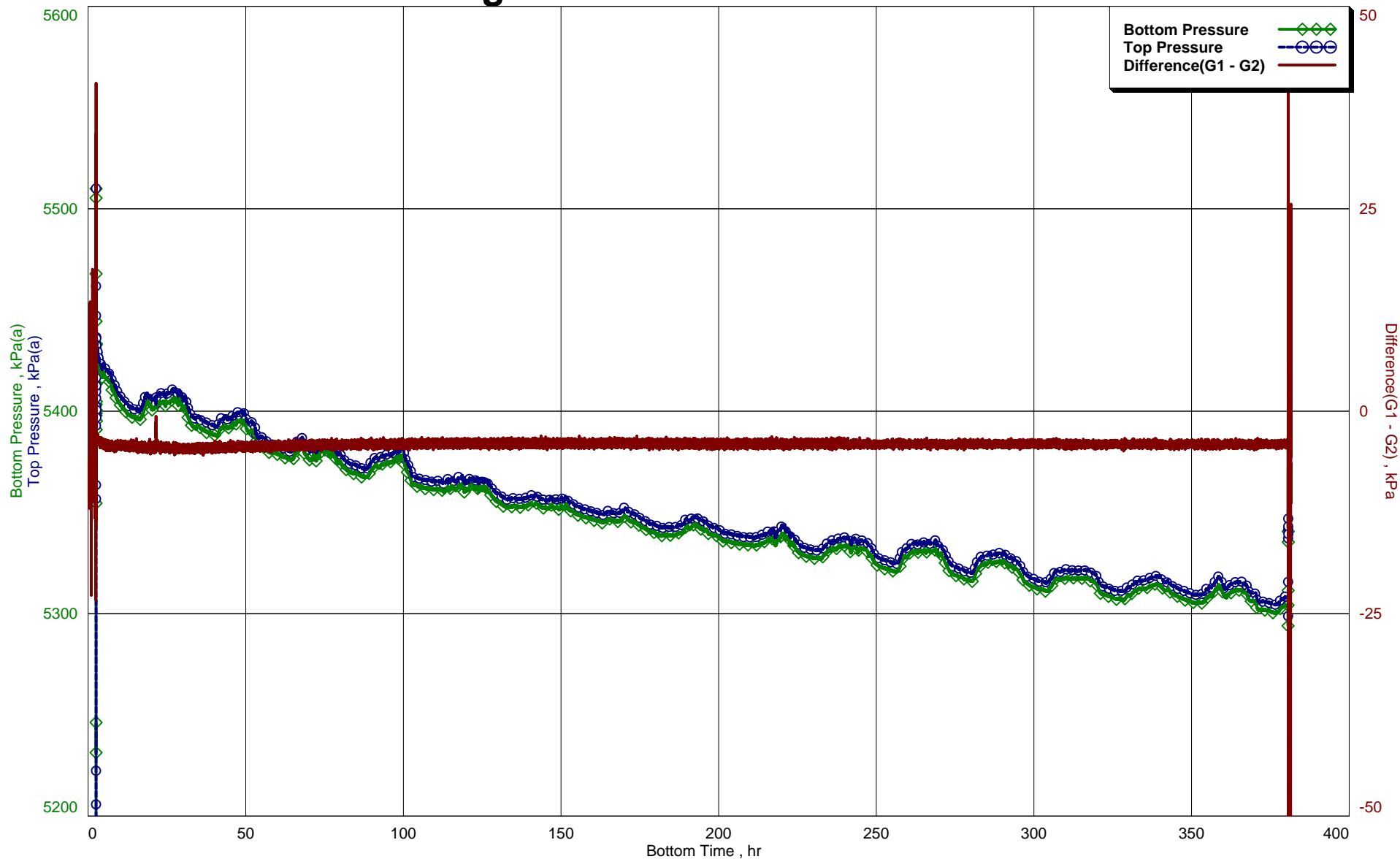
Pressure and Temperature Plot



TUNDRA OIL & GAS LTD.
102/02-19-016-27W1/0
Start Test Date: 2012/06/11
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
Formation: BAKKEN

Gauge Pressure Differential Plot



Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
1	2012/06/11 12:55:00	0.0000	115.94	10.25	-6.06	0.0000	122.00	10.44
2	2012/06/11 13:19:15	0.4042	116.24	10.16	-9.79	0.4042	126.03	9.80
3	2012/06/11 13:44:25	0.8236	585.28	5.89	-0.28	0.8236	585.56	5.93
4	2012/06/11 14:09:35	1.2431	827.38	6.83	-2.25	1.2431	829.63	6.84
5	2012/06/11 14:34:45	1.6625	1550.71	8.13	-0.95	1.6625	1551.65	8.12
6	2012/06/11 14:59:55	2.0819	4407.21	15.86	5.40	2.0819	4401.81	15.83
7	2012/06/11 15:25:05	2.5014	4981.80	16.93	-12.82	2.5014	4994.62	16.89
8	2012/06/11 15:26:15	2.5208	5467.92	16.98	6.13	2.5208	5461.79	16.93
9	2012/06/11 15:26:25	2.5236	5509.96	16.92	-0.04	2.5236	5509.99	16.83
10	Landed Tandem Spartek electronic recorders @ 520.5 m KB.							
11	2012/06/11 15:26:35	2.5264	5505.33	16.84	-2.57	2.5264	5507.90	16.76
12	2012/06/11 15:33:25	2.6403	5400.40	16.66	-0.25	2.6403	5400.65	16.62
13	2012/06/11 15:33:35	2.6431	5395.20	16.65	-1.62	2.6431	5396.82	16.62
14	Shut well in for falloff.							
15								
16	2012/06/11 15:33:45	2.6458	5422.24	16.66	-2.56	2.6458	5424.80	16.62
17	2012/06/11 15:50:15	2.9208	5426.90	16.65	-3.57	2.9208	5430.47	16.61
18	2012/06/11 16:15:25	3.3403	5422.78	16.65	-3.57	3.3403	5426.35	16.60
19	2012/06/11 16:40:35	3.7597	5420.02	16.65	-3.95	3.7597	5423.96	16.60
20	2012/06/11 17:05:45	4.1792	5418.38	16.65	-3.94	4.1792	5422.32	16.60
21	2012/06/11 17:30:55	4.5986	5418.19	16.65	-3.99	4.5986	5422.17	16.60
22	2012/06/11 17:56:05	5.0181	5418.49	16.65	-4.25	5.0181	5422.74	16.60
23	2012/06/11 18:21:15	5.4375	5416.90	16.65	-4.13	5.4375	5421.04	16.59
24	2012/06/11 18:46:25	5.8569	5415.88	16.64	-4.23	5.8569	5420.11	16.59
25	2012/06/11 19:11:35	6.2764	5415.29	16.65	-4.45	6.2764	5419.74	16.59
26	2012/06/11 19:36:45	6.6958	5414.90	16.65	-4.30	6.6958	5419.21	16.59
27	2012/06/11 20:01:55	7.1153	5414.52	16.65	-4.20	7.1153	5418.72	16.59
28	2012/06/11 20:27:05	7.5347	5411.15	16.65	-4.11	7.5347	5415.26	16.59
29	2012/06/11 20:52:15	7.9542	5410.51	16.64	-4.05	7.9542	5414.57	16.59
30	2012/06/11 21:17:25	8.3736	5408.84	16.64	-4.26	8.3736	5413.10	16.59
31	2012/06/11 21:42:35	8.7931	5407.17	16.65	-4.71	8.7931	5411.88	16.59
32	2012/06/11 22:07:45	9.2125	5405.97	16.64	-3.92	9.2125	5409.89	16.59
33	2012/06/11 22:32:55	9.6319	5404.59	16.65	-3.98	9.6319	5408.57	16.59
34	2012/06/11 22:58:05	10.0514	5403.74	16.64	-4.11	10.0514	5407.85	16.59
35	2012/06/11 23:23:15	10.4708	5402.75	16.64	-4.13	10.4708	5406.88	16.59
36	2012/06/11 23:48:25	10.8903	5401.90	16.64	-3.92	10.8903	5405.82	16.59
37	2012/06/12 00:13:35	11.3097	5400.73	16.64	-4.42	11.3097	5405.14	16.59
38	2012/06/12 00:38:45	11.7292	5400.39	16.65	-4.40	11.7292	5404.79	16.59
39	2012/06/12 01:03:55	12.1486	5399.43	16.64	-4.30	12.1486	5403.73	16.59
40	2012/06/12 01:29:05	12.5681	5398.58	16.64	-4.38	12.5681	5402.96	16.59
41	2012/06/12 01:54:15	12.9875	5398.05	16.64	-4.32	12.9875	5402.37	16.59
42	2012/06/12 02:19:25	13.4069	5397.92	16.64	-4.22	13.4069	5402.15	16.59
43	2012/06/12 02:44:35	13.8264	5397.22	16.64	-4.58	13.8264	5401.80	16.59
44	2012/06/12 03:09:45	14.2458	5397.21	16.64	-4.29	14.2458	5401.50	16.59
45	2012/06/12 03:34:55	14.6653	5397.02	16.64	-4.00	14.6653	5401.03	16.59

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
46	2012/06/12 04:00:05	15.0847	5397.13	16.64	-4.06	15.0847	5401.20	16.59
47	2012/06/12 04:25:15	15.5042	5396.30	16.64	-4.82	15.5042	5401.12	16.59
48	2012/06/12 04:50:25	15.9236	5395.89	16.64	-5.07	15.9236	5400.96	16.59
49	2012/06/12 05:15:35	16.3431	5395.97	16.64	-4.55	16.3431	5400.52	16.59
50	2012/06/12 05:40:45	16.7625	5396.98	16.64	-4.00	16.7625	5400.98	16.59
51	2012/06/12 06:05:55	17.1819	5397.66	16.64	-4.73	17.1819	5402.39	16.59
52	2012/06/12 06:31:05	17.6014	5400.18	16.64	-4.74	17.6014	5404.92	16.59
53	2012/06/12 06:56:15	18.0208	5402.23	16.64	-4.16	18.0208	5406.39	16.59
54	2012/06/12 07:21:25	18.4403	5403.87	16.64	-4.39	18.4403	5408.26	16.59
55	2012/06/12 07:46:35	18.8597	5404.59	16.64	-4.60	18.8597	5409.19	16.59
56	2012/06/12 08:11:45	19.2792	5402.90	16.64	-4.31	19.2792	5407.21	16.59
57	2012/06/12 08:36:55	19.6986	5403.01	16.64	-4.08	19.6986	5407.09	16.59
58	2012/06/12 09:02:05	20.1181	5401.35	16.64	-4.46	20.1181	5405.81	16.59
59	2012/06/12 09:27:15	20.5375	5401.26	16.64	-4.44	20.5375	5405.70	16.59
60	2012/06/12 09:52:25	20.9569	5400.86	16.64	-5.16	20.9569	5406.02	16.59
61	2012/06/12 10:17:35	21.3764	5402.31	16.64	-3.84	21.3764	5406.15	16.59
62	2012/06/12 10:42:45	21.7958	5403.49	16.64	-3.96	21.7958	5407.45	16.59
63	2012/06/12 11:07:55	22.2153	5403.92	16.64	-4.40	22.2153	5408.32	16.59
64	2012/06/12 11:33:05	22.6347	5404.79	16.64	-4.46	22.6347	5409.25	16.59
65	2012/06/12 11:58:15	23.0542	5403.93	16.64	-4.53	23.0542	5408.46	16.59
66	2012/06/12 12:23:25	23.4736	5404.38	16.64	-4.15	23.4736	5408.53	16.59
67	2012/06/12 12:48:35	23.8931	5404.75	16.64	-4.43	23.8931	5409.18	16.59
68	2012/06/12 13:13:45	24.3125	5403.28	16.64	-4.44	24.3125	5407.72	16.59
69	2012/06/12 13:38:55	24.7319	5403.98	16.64	-4.20	24.7319	5408.19	16.59
70	2012/06/12 14:04:05	25.1514	5403.97	16.64	-4.58	25.1514	5408.56	16.59
71	2012/06/12 14:29:15	25.5708	5404.10	16.64	-4.68	25.5708	5408.78	16.59
72	2012/06/12 14:54:25	25.9903	5404.77	16.64	-4.49	25.9903	5409.26	16.59
73	2012/06/12 15:19:35	26.4097	5405.17	16.64	-4.49	26.4097	5409.66	16.59
74	2012/06/12 15:44:45	26.8292	5406.05	16.64	-4.83	26.8292	5410.88	16.59
75	2012/06/12 16:09:55	27.2486	5405.76	16.64	-4.65	27.2486	5410.40	16.59
76	2012/06/12 16:35:05	27.6681	5406.27	16.64	-4.15	27.6681	5410.42	16.59
77	2012/06/12 17:00:15	28.0875	5404.44	16.64	-4.96	28.0875	5409.40	16.59
78	2012/06/12 17:25:25	28.5069	5403.11	16.64	-4.80	28.5069	5407.91	16.59
79	2012/06/12 17:50:35	28.9264	5405.13	16.64	-4.96	28.9264	5410.09	16.59
80	2012/06/12 18:15:45	29.3458	5404.98	16.64	-4.69	29.3458	5409.68	16.59
81	2012/06/12 18:40:55	29.7653	5402.96	16.64	-4.64	29.7653	5407.61	16.59
82	2012/06/12 19:06:05	30.1847	5400.88	16.64	-4.42	30.1847	5405.30	16.59
83	2012/06/12 19:31:15	30.6042	5402.52	16.64	-4.51	30.6042	5407.02	16.59
84	2012/06/12 19:56:25	31.0236	5401.46	16.64	-4.63	31.0236	5406.09	16.59
85	2012/06/12 20:21:35	31.4431	5398.63	16.64	-4.61	31.4431	5403.23	16.59
86	2012/06/12 20:46:45	31.8625	5396.52	16.64	-4.61	31.8625	5401.14	16.59
87	2012/06/12 21:11:55	32.2819	5394.72	16.64	-4.57	32.2819	5399.29	16.59
88	2012/06/12 21:37:05	32.7014	5393.69	16.64	-4.77	32.7014	5398.45	16.59
89	2012/06/12 22:02:15	33.1208	5392.69	16.64	-4.65	33.1208	5397.34	16.59
90	2012/06/12 22:27:25	33.5403	5392.15	16.64	-4.70	33.5403	5396.85	16.59

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
91	2012/06/12 22:52:35	33.9597	5391.94	16.64	-4.45	33.9597	5396.39	16.59
92	2012/06/12 23:17:45	34.3792	5391.20	16.64	-4.67	34.3792	5395.88	16.59
93	2012/06/12 23:42:55	34.7986	5392.49	16.64	-4.64	34.7986	5397.13	16.59
94	2012/06/13 00:08:05	35.2181	5392.67	16.64	-4.29	35.2181	5396.96	16.59
95	2012/06/13 00:33:15	35.6375	5391.50	16.63	-4.58	35.6375	5396.07	16.59
96	2012/06/13 00:58:25	36.0569	5391.41	16.64	-4.41	36.0569	5395.82	16.59
97	2012/06/13 01:23:35	36.4764	5390.93	16.64	-4.57	36.4764	5395.50	16.59
98	2012/06/13 01:48:45	36.8958	5390.49	16.64	-4.36	36.8958	5394.85	16.60
99	2012/06/13 02:13:55	37.3153	5390.22	16.64	-4.43	37.3153	5394.65	16.59
100	2012/06/13 02:39:05	37.7347	5389.84	16.64	-4.61	37.7347	5394.45	16.59
101	2012/06/13 03:04:15	38.1542	5389.41	16.64	-4.59	38.1542	5394.00	16.59
102	2012/06/13 03:29:25	38.5736	5389.22	16.64	-4.57	38.5736	5393.79	16.59
103	2012/06/13 03:54:35	38.9931	5388.87	16.64	-4.58	38.9931	5393.45	16.59
104	2012/06/13 04:19:45	39.4125	5388.67	16.64	-4.58	39.4125	5393.25	16.59
105	2012/06/13 04:44:55	39.8319	5388.47	16.64	-4.35	39.8319	5392.83	16.59
106	2012/06/13 05:10:05	40.2514	5388.14	16.64	-4.50	40.2514	5392.64	16.59
107	2012/06/13 05:35:15	40.6708	5388.12	16.64	-4.34	40.6708	5392.46	16.59
108	2012/06/13 06:00:25	41.0903	5387.98	16.64	-4.46	41.0903	5392.45	16.59
109	2012/06/13 06:25:35	41.5097	5389.56	16.64	-4.55	41.5097	5394.11	16.59
110	2012/06/13 06:50:45	41.9292	5391.19	16.64	-4.44	41.9292	5395.64	16.59
111	2012/06/13 07:15:55	42.3486	5392.04	16.64	-4.23	42.3486	5396.27	16.59
112	2012/06/13 07:41:05	42.7681	5391.61	16.64	-4.36	42.7681	5395.98	16.59
113	2012/06/13 08:06:15	43.1875	5392.95	16.64	-4.32	43.1875	5397.27	16.59
114	2012/06/13 08:31:25	43.6069	5392.85	16.64	-4.38	43.6069	5397.23	16.59
115	2012/06/13 08:56:35	44.0264	5391.81	16.64	-4.44	44.0264	5396.25	16.59
116	2012/06/13 09:21:45	44.4458	5391.62	16.64	-4.72	44.4458	5396.34	16.59
117	2012/06/13 09:46:55	44.8653	5392.22	16.64	-4.51	44.8653	5396.73	16.59
118	2012/06/13 10:12:05	45.2847	5391.71	16.64	-4.77	45.2847	5396.48	16.59
119	2012/06/13 10:37:15	45.7042	5392.35	16.64	-4.44	45.7042	5396.79	16.59
120	2012/06/13 11:02:25	46.1236	5393.82	16.64	-4.54	46.1236	5398.37	16.59
121	2012/06/13 11:27:35	46.5431	5393.89	16.64	-4.43	46.5431	5398.31	16.59
122	2012/06/13 11:52:45	46.9625	5393.60	16.64	-4.32	46.9625	5397.92	16.59
123	2012/06/13 12:17:55	47.3819	5394.55	16.64	-4.44	47.3819	5398.99	16.59
124	2012/06/13 12:43:05	47.8014	5394.80	16.64	-4.28	47.8014	5399.08	16.59
125	2012/06/13 13:08:15	48.2208	5395.20	16.64	-3.85	48.2208	5399.04	16.59
126	2012/06/13 13:33:25	48.6403	5395.42	16.64	-4.30	48.6403	5399.73	16.59
127	2012/06/13 13:58:35	49.0597	5394.24	16.64	-4.22	49.0597	5398.46	16.59
128	2012/06/13 14:23:45	49.4792	5395.10	16.64	-4.66	49.4792	5399.77	16.59
129	2012/06/13 14:48:55	49.8986	5393.24	16.64	-4.44	49.8986	5397.68	16.59
130	2012/06/13 15:14:05	50.3181	5391.11	16.64	-4.19	50.3181	5395.30	16.59
131	2012/06/13 15:39:15	50.7375	5390.31	16.64	-4.21	50.7375	5394.52	16.59
132	2012/06/13 16:04:25	51.1569	5389.68	16.64	-4.49	51.1569	5394.17	16.59
133	2012/06/13 16:29:35	51.5764	5390.20	16.63	-4.12	51.5764	5394.32	16.59
134	2012/06/13 16:54:45	51.9958	5390.27	16.64	-4.71	51.9958	5394.97	16.59
135	2012/06/13 17:19:55	52.4153	5389.41	16.64	-4.59	52.4153	5394.00	16.59

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
136	2012/06/13 17:45:05	52.8347	5388.63	16.64	-3.93	52.8347	5392.56	16.59
137	2012/06/13 18:10:15	53.2542	5384.45	16.64	-4.36	53.2542	5388.81	16.59
138	2012/06/13 18:35:25	53.6736	5382.96	16.64	-4.24	53.6736	5387.20	16.59
139	2012/06/13 19:00:35	54.0931	5382.44	16.64	-4.66	54.0931	5387.10	16.59
140	2012/06/13 19:25:45	54.5125	5382.65	16.64	-4.21	54.5125	5386.86	16.59
141	2012/06/13 19:50:55	54.9319	5382.95	16.64	-4.46	54.9319	5387.42	16.59
142	2012/06/13 20:16:05	55.3514	5382.87	16.64	-4.30	55.3514	5387.17	16.59
143	2012/06/13 20:41:15	55.7708	5382.57	16.64	-4.08	55.7708	5386.65	16.59
144	2012/06/13 21:06:25	56.1903	5381.89	16.64	-4.37	56.1903	5386.25	16.59
145	2012/06/13 21:31:35	56.6097	5380.92	16.64	-4.45	56.6097	5385.37	16.59
146	2012/06/13 21:56:45	57.0292	5380.19	16.64	-4.36	57.0292	5384.55	16.59
147	2012/06/13 22:21:55	57.4486	5380.09	16.64	-4.20	57.4486	5384.29	16.59
148	2012/06/13 22:47:05	57.8681	5379.67	16.64	-4.11	57.8681	5383.78	16.59
149	2012/06/13 23:12:15	58.2875	5379.64	16.64	-4.02	58.2875	5383.67	16.59
150	2012/06/13 23:37:25	58.7069	5379.51	16.64	-4.30	58.7069	5383.81	16.59
151	2012/06/14 00:02:35	59.1264	5379.41	16.64	-4.35	59.1264	5383.77	16.59
152	2012/06/14 00:27:45	59.5458	5379.56	16.64	-3.87	59.5458	5383.43	16.59
153	2012/06/14 00:52:55	59.9653	5378.86	16.64	-4.64	59.9653	5383.50	16.59
154	2012/06/14 01:18:05	60.3847	5378.77	16.64	-4.29	60.3847	5383.06	16.59
155	2012/06/14 01:43:15	60.8042	5378.22	16.64	-4.46	60.8042	5382.69	16.59
156	2012/06/14 02:08:25	61.2236	5378.09	16.64	-4.07	61.2236	5382.15	16.59
157	2012/06/14 02:33:35	61.6431	5377.67	16.64	-4.36	61.6431	5382.03	16.59
158	2012/06/14 02:58:45	62.0625	5377.34	16.65	-4.64	62.0625	5381.98	16.59
159	2012/06/14 03:23:55	62.4819	5377.23	16.64	-4.13	62.4819	5381.36	16.59
160	2012/06/14 03:49:05	62.9014	5376.98	16.64	-4.35	62.9014	5381.33	16.59
161	2012/06/14 04:14:15	63.3208	5376.44	16.64	-4.32	63.3208	5380.76	16.59
162	2012/06/14 04:39:25	63.7403	5376.32	16.64	-4.14	63.7403	5380.46	16.59
163	2012/06/14 05:04:35	64.1597	5376.04	16.64	-4.24	64.1597	5380.28	16.59
164	2012/06/14 05:29:45	64.5792	5376.25	16.64	-4.18	64.5792	5380.43	16.59
165	2012/06/14 05:54:55	64.9986	5376.78	16.64	-4.06	64.9986	5380.84	16.59
166	2012/06/14 06:20:05	65.4181	5377.81	16.64	-4.50	65.4181	5382.31	16.60
167	2012/06/14 06:45:15	65.8375	5379.85	16.64	-4.12	65.8375	5383.97	16.59
168	2012/06/14 07:10:25	66.2569	5380.59	16.64	-4.29	66.2569	5384.88	16.59
169	2012/06/14 07:35:35	66.6764	5380.65	16.64	-4.18	66.6764	5384.84	16.60
170	2012/06/14 08:00:45	67.0958	5381.30	16.64	-4.00	67.0958	5385.29	16.59
171	2012/06/14 08:25:55	67.5153	5381.96	16.64	-4.15	67.5153	5386.11	16.59
172	2012/06/14 08:51:05	67.9347	5382.89	16.64	-4.12	67.9347	5387.01	16.59
173	2012/06/14 09:16:15	68.3542	5380.88	16.64	-4.34	68.3542	5385.22	16.59
174	2012/06/14 09:41:25	68.7736	5378.81	16.64	-4.33	68.7736	5383.14	16.59
175	2012/06/14 10:06:35	69.1931	5378.16	16.64	-4.24	69.1931	5382.40	16.59
176	2012/06/14 10:31:45	69.6125	5376.65	16.64	-4.33	69.6125	5380.98	16.59
177	2012/06/14 10:56:55	70.0319	5376.33	16.64	-4.29	70.0319	5380.62	16.59
178	2012/06/14 11:22:05	70.4514	5375.70	16.64	-4.22	70.4514	5379.93	16.59
179	2012/06/14 11:47:15	70.8708	5376.14	16.64	-3.80	70.8708	5379.94	16.59
180	2012/06/14 12:12:25	71.2903	5376.30	16.64	-4.30	71.2903	5380.60	16.59

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
181	2012/06/14 12:37:35	71.7097	5379.31	16.64	-4.03	71.7097	5383.34	16.59
182	2012/06/14 13:02:45	72.1292	5376.49	16.64	-4.45	72.1292	5380.94	16.59
183	2012/06/14 13:27:55	72.5486	5376.33	16.64	-3.76	72.5486	5380.09	16.59
184	2012/06/14 13:53:05	72.9681	5378.59	16.64	-4.41	72.9681	5382.99	16.59
185	2012/06/14 14:18:15	73.3875	5378.43	16.64	-3.61	73.3875	5382.04	16.59
186	2012/06/14 14:43:25	73.8069	5380.13	16.64	-4.17	73.8069	5384.30	16.59
187	2012/06/14 15:08:35	74.2264	5380.21	16.64	-4.09	74.2264	5384.30	16.59
188	2012/06/14 15:33:45	74.6458	5380.00	16.64	-4.14	74.6458	5384.14	16.59
189	2012/06/14 15:58:55	75.0653	5378.78	16.64	-4.40	75.0653	5383.18	16.59
190	2012/06/14 16:24:05	75.4847	5380.25	16.64	-4.03	75.4847	5384.28	16.59
191	2012/06/14 16:49:15	75.9042	5379.65	16.64	-4.23	75.9042	5383.88	16.59
192	2012/06/14 17:14:25	76.3236	5378.44	16.64	-3.97	76.3236	5382.40	16.59
193	2012/06/14 17:39:35	76.7431	5379.65	16.64	-4.43	76.7431	5384.08	16.60
194	2012/06/14 18:04:45	77.1625	5377.48	16.64	-4.26	77.1625	5381.73	16.59
195	2012/06/14 18:29:55	77.5819	5379.61	16.64	-3.99	77.5819	5383.59	16.59
196	2012/06/14 18:55:05	78.0014	5378.44	16.64	-4.09	78.0014	5382.53	16.59
197	2012/06/14 19:20:15	78.4208	5376.59	16.64	-4.19	78.4208	5380.79	16.59
198	2012/06/14 19:45:25	78.8403	5375.29	16.64	-4.36	78.8403	5379.65	16.59
199	2012/06/14 20:10:35	79.2597	5374.09	16.64	-4.36	79.2597	5378.45	16.59
200	2012/06/14 20:35:45	79.6792	5375.55	16.64	-4.00	79.6792	5379.55	16.59
201	2012/06/14 21:00:55	80.0986	5374.71	16.64	-4.22	80.0986	5378.93	16.60
202	2012/06/14 21:26:05	80.5181	5373.46	16.64	-4.25	80.5181	5377.71	16.59
203	2012/06/14 21:51:15	80.9375	5372.35	16.64	-4.02	80.9375	5376.38	16.59
204	2012/06/14 22:16:25	81.3569	5371.96	16.64	-3.78	81.3569	5375.74	16.59
205	2012/06/14 22:41:35	81.7764	5371.80	16.64	-3.61	81.7764	5375.41	16.59
206	2012/06/14 23:06:45	82.1958	5371.04	16.64	-3.86	82.1958	5374.90	16.59
207	2012/06/14 23:31:55	82.6153	5370.41	16.64	-3.98	82.6153	5374.39	16.59
208	2012/06/14 23:57:05	83.0347	5369.88	16.64	-4.15	83.0347	5374.03	16.60
209	2012/06/15 00:22:15	83.4542	5369.87	16.64	-3.85	83.4542	5373.73	16.59
210	2012/06/15 00:47:25	83.8736	5369.59	16.64	-4.15	83.8736	5373.74	16.60
211	2012/06/15 01:12:35	84.2931	5369.53	16.64	-3.74	84.2931	5373.26	16.59
212	2012/06/15 01:37:45	84.7125	5369.51	16.64	-4.11	84.7125	5373.62	16.60
213	2012/06/15 02:02:55	85.1319	5368.78	16.64	-4.44	85.1319	5373.22	16.59
214	2012/06/15 02:28:05	85.5514	5369.01	16.64	-4.06	85.5514	5373.07	16.59
215	2012/06/15 02:53:15	85.9708	5368.52	16.65	-3.81	85.9708	5372.33	16.59
216	2012/06/15 03:18:25	86.3903	5368.41	16.64	-3.93	86.3903	5372.34	16.59
217	2012/06/15 03:43:35	86.8097	5367.98	16.64	-4.05	86.8097	5372.03	16.59
218	2012/06/15 04:08:45	87.2292	5367.67	16.64	-4.19	87.2292	5371.86	16.59
219	2012/06/15 04:33:55	87.6486	5367.19	16.64	-3.98	87.6486	5371.17	16.60
220	2012/06/15 04:59:05	88.0681	5367.12	16.65	-4.45	88.0681	5371.57	16.60
221	2012/06/15 05:24:15	88.4875	5367.50	16.64	-4.25	88.4875	5371.75	16.59
222	2012/06/15 05:49:25	88.9069	5368.11	16.64	-4.05	88.9069	5372.15	16.59
223	2012/06/15 06:14:35	89.3264	5369.23	16.64	-4.17	89.3264	5373.41	16.59
224	2012/06/15 06:39:45	89.7458	5370.76	16.64	-3.77	89.7458	5374.53	16.59
225	2012/06/15 07:04:55	90.1653	5371.43	16.64	-4.07	90.1653	5375.49	16.59

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
226	2012/06/15 07:30:05	90.5847	5372.03	16.64	-4.24	90.5847	5376.27	16.59
227	2012/06/15 07:55:15	91.0042	5372.67	16.64	-4.17	91.0042	5376.85	16.59
228	2012/06/15 08:20:25	91.4236	5373.37	16.65	-3.93	91.4236	5377.30	16.59
229	2012/06/15 08:45:35	91.8431	5372.59	16.64	-4.01	91.8431	5376.60	16.60
230	2012/06/15 09:10:45	92.2625	5372.81	16.64	-3.77	92.2625	5376.58	16.59
231	2012/06/15 09:35:55	92.6819	5372.98	16.64	-3.85	92.6819	5376.83	16.60
232	2012/06/15 10:01:05	93.1014	5373.73	16.64	-3.98	93.1014	5377.71	16.59
233	2012/06/15 10:26:15	93.5208	5373.78	16.64	-3.78	93.5208	5377.56	16.59
234	2012/06/15 10:51:25	93.9403	5373.75	16.64	-4.30	93.9403	5378.05	16.59
235	2012/06/15 11:16:35	94.3597	5374.31	16.65	-3.78	94.3597	5378.09	16.60
236	2012/06/15 11:41:45	94.7792	5374.55	16.64	-3.99	94.7792	5378.54	16.59
237	2012/06/15 12:06:55	95.1986	5374.78	16.64	-3.90	95.1986	5378.68	16.60
238	2012/06/15 12:32:05	95.6181	5374.48	16.64	-4.25	95.6181	5378.73	16.60
239	2012/06/15 12:57:15	96.0375	5374.64	16.64	-3.93	96.0375	5378.56	16.59
240	2012/06/15 13:22:25	96.4569	5374.65	16.64	-4.49	96.4569	5379.13	16.60
241	2012/06/15 13:47:35	96.8764	5375.57	16.64	-4.03	96.8764	5379.60	16.60
242	2012/06/15 14:12:45	97.2958	5376.09	16.64	-4.19	97.2958	5380.29	16.60
243	2012/06/15 14:37:55	97.7153	5377.04	16.64	-3.81	97.7153	5380.85	16.59
244	2012/06/15 15:03:05	98.1347	5375.93	16.65	-4.11	98.1347	5380.04	16.59
245	2012/06/15 15:28:15	98.5542	5377.60	16.65	-3.71	98.5542	5381.31	16.60
246	2012/06/15 15:53:25	98.9736	5376.36	16.65	-3.99	98.9736	5380.35	16.59
247	2012/06/15 16:18:35	99.3931	5376.51	16.64	-4.08	99.3931	5380.59	16.59
248	2012/06/15 16:43:45	99.8125	5377.76	16.64	-4.11	99.8125	5381.87	16.59
249	2012/06/15 17:08:55	100.2319	5375.51	16.64	-4.18	100.2319	5379.69	16.59
250	2012/06/15 17:34:05	100.6514	5372.70	16.64	-3.93	100.6514	5376.63	16.60
251	2012/06/15 17:59:15	101.0708	5370.82	16.64	-3.79	101.0708	5374.61	16.60
252	2012/06/15 18:24:25	101.4903	5369.90	16.64	-3.82	101.4903	5373.71	16.59
253	2012/06/15 18:49:35	101.9097	5368.65	16.64	-3.99	101.9097	5372.64	16.60
254	2012/06/15 19:14:45	102.3292	5366.69	16.65	-4.25	102.3292	5370.94	16.60
255	2012/06/15 19:39:55	102.7486	5364.06	16.65	-3.80	102.7486	5367.86	16.60
256	2012/06/15 20:05:05	103.1681	5363.54	16.64	-4.21	103.1681	5367.75	16.60
257	2012/06/15 20:30:15	103.5875	5363.78	16.64	-4.02	103.5875	5367.79	16.60
258	2012/06/15 20:55:25	104.0069	5363.68	16.64	-3.86	104.0069	5367.54	16.60
259	2012/06/15 21:20:35	104.4264	5363.05	16.65	-4.35	104.4264	5367.40	16.60
260	2012/06/15 21:45:45	104.8458	5363.13	16.65	-3.76	104.8458	5366.89	16.60
261	2012/06/15 22:10:55	105.2653	5362.66	16.64	-4.09	105.2653	5366.75	16.60
262	2012/06/15 22:36:05	105.6847	5362.19	16.64	-3.97	105.6847	5366.17	16.60
263	2012/06/15 23:01:15	106.1042	5361.70	16.64	-4.18	106.1042	5365.88	16.59
264	2012/06/15 23:26:25	106.5236	5361.98	16.65	-4.24	106.5236	5366.23	16.60
265	2012/06/15 23:51:35	106.9431	5362.04	16.65	-4.01	106.9431	5366.05	16.59
266	2012/06/16 00:16:45	107.3625	5361.94	16.64	-3.81	107.3625	5365.75	16.59
267	2012/06/16 00:41:55	107.7819	5362.04	16.65	-3.79	107.7819	5365.83	16.60
268	2012/06/16 01:07:05	108.2014	5361.81	16.64	-4.01	108.2014	5365.82	16.60
269	2012/06/16 01:32:15	108.6208	5361.88	16.65	-3.74	108.6208	5365.63	16.60
270	2012/06/16 01:57:25	109.0403	5361.59	16.64	-3.84	109.0403	5365.44	16.60

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
271	2012/06/16 02:22:35	109.4597	5361.48	16.64	-3.89	109.4597	5365.38	16.60
272	2012/06/16 02:47:45	109.8792	5361.35	16.65	-4.12	109.8792	5365.46	16.60
273	2012/06/16 03:12:55	110.2986	5361.45	16.65	-4.08	110.2986	5365.53	16.60
274	2012/06/16 03:38:05	110.7181	5361.70	16.65	-3.78	110.7181	5365.48	16.60
275	2012/06/16 04:03:15	111.1375	5361.10	16.64	-4.25	111.1375	5365.36	16.59
276	2012/06/16 04:28:25	111.5569	5361.38	16.64	-4.18	111.5569	5365.56	16.60
277	2012/06/16 04:53:35	111.9764	5361.30	16.64	-3.77	111.9764	5365.07	16.60
278	2012/06/16 05:18:45	112.3958	5360.45	16.64	-4.43	112.3958	5364.87	16.60
279	2012/06/16 05:43:55	112.8153	5360.14	16.65	-4.28	112.8153	5364.41	16.59
280	2012/06/16 06:09:05	113.2347	5360.90	16.65	-3.69	113.2347	5364.59	16.60
281	2012/06/16 06:34:15	113.6542	5361.61	16.64	-3.84	113.6542	5365.45	16.60
282	2012/06/16 06:59:25	114.0736	5361.98	16.65	-4.15	114.0736	5366.13	16.60
283	2012/06/16 07:24:35	114.4931	5361.48	16.64	-4.03	114.4931	5365.51	16.60
284	2012/06/16 07:49:45	114.9125	5361.77	16.65	-3.95	114.9125	5365.72	16.60
285	2012/06/16 08:14:55	115.3319	5362.71	16.65	-4.25	115.3319	5366.97	16.60
286	2012/06/16 08:40:05	115.7514	5362.55	16.65	-4.18	115.7514	5366.73	16.60
287	2012/06/16 09:05:15	116.1708	5361.82	16.64	-3.92	116.1708	5365.75	16.60
288	2012/06/16 09:30:25	116.5903	5361.19	16.64	-3.77	116.5903	5364.96	16.60
289	2012/06/16 09:55:35	117.0097	5361.64	16.64	-4.27	117.0097	5365.91	16.60
290	2012/06/16 10:20:45	117.4292	5363.08	16.64	-3.66	117.4292	5366.74	16.60
291	2012/06/16 10:45:55	117.8486	5362.78	16.65	-4.21	117.8486	5366.99	16.60
292	2012/06/16 11:11:05	118.2681	5363.18	16.65	-4.14	118.2681	5367.32	16.59
293	2012/06/16 11:36:15	118.6875	5363.96	16.65	-3.90	118.6875	5367.86	16.59
294	2012/06/16 12:01:25	119.1069	5361.26	16.65	-3.93	119.1069	5365.19	16.60
295	2012/06/16 12:26:35	119.5264	5361.24	16.65	-3.98	119.5264	5365.22	16.60
296	2012/06/16 12:51:45	119.9458	5360.36	16.65	-4.24	119.9458	5364.61	16.60
297	2012/06/16 13:16:55	120.3653	5361.26	16.65	-3.76	120.3653	5365.02	16.60
298	2012/06/16 13:42:05	120.7847	5361.48	16.65	-3.93	120.7847	5365.42	16.60
299	2012/06/16 14:07:15	121.2042	5363.36	16.65	-3.94	121.2042	5367.30	16.60
300	2012/06/16 14:32:25	121.6236	5363.35	16.64	-3.62	121.6236	5366.97	16.60
301	2012/06/16 14:57:35	122.0431	5362.16	16.64	-4.09	122.0431	5366.25	16.60
302	2012/06/16 15:22:45	122.4625	5361.46	16.65	-3.94	122.4625	5365.40	16.60
303	2012/06/16 15:47:55	122.8819	5361.89	16.65	-3.87	122.8819	5365.76	16.60
304	2012/06/16 16:13:05	123.3014	5362.34	16.65	-4.25	123.3014	5366.59	16.60
305	2012/06/16 16:38:15	123.7208	5360.76	16.65	-4.00	123.7208	5364.77	16.60
306	2012/06/16 17:03:25	124.1403	5360.58	16.65	-4.21	124.1403	5364.79	16.60
307	2012/06/16 17:28:35	124.5597	5362.78	16.65	-3.85	124.5597	5366.64	16.60
308	2012/06/16 17:53:45	124.9792	5361.33	16.65	-3.74	124.9792	5365.07	16.60
309	2012/06/16 18:18:55	125.3986	5362.06	16.65	-3.90	125.3986	5365.96	16.60
310	2012/06/16 18:44:05	125.8181	5361.23	16.65	-3.79	125.8181	5365.01	16.60
311	2012/06/16 19:09:15	126.2375	5362.15	16.65	-4.03	126.2375	5366.17	16.60
312	2012/06/16 19:34:25	126.6569	5360.44	16.65	-4.42	126.6569	5364.85	16.60
313	2012/06/16 19:59:35	127.0764	5361.11	16.65	-3.63	127.0764	5364.74	16.60
314	2012/06/16 20:24:45	127.4958	5359.19	16.65	-4.21	127.4958	5363.40	16.60
315	2012/06/16 20:49:55	127.9153	5358.52	16.65	-3.83	127.9153	5362.35	16.60

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
316	2012/06/16 21:15:05	128.3347	5357.66	16.65	-4.31	128.3347	5361.97	16.60
317	2012/06/16 21:40:15	128.7542	5356.98	16.65	-3.87	128.7542	5360.85	16.60
318	2012/06/16 22:05:25	129.1736	5355.99	16.65	-3.82	129.1736	5359.81	16.60
319	2012/06/16 22:30:35	129.5931	5355.45	16.65	-4.48	129.5931	5359.93	16.60
320	2012/06/16 22:55:45	130.0125	5355.03	16.65	-3.99	130.0125	5359.02	16.60
321	2012/06/16 23:20:55	130.4319	5355.16	16.65	-4.15	130.4319	5359.31	16.60
322	2012/06/16 23:46:05	130.8514	5354.82	16.65	-3.63	130.8514	5358.46	16.60
323	2012/06/17 00:11:15	131.2708	5354.08	16.65	-3.86	131.2708	5357.93	16.60
324	2012/06/17 00:36:25	131.6903	5353.64	16.65	-3.79	131.6903	5357.43	16.60
325	2012/06/17 01:01:35	132.1097	5353.37	16.65	-3.73	132.1097	5357.10	16.60
326	2012/06/17 01:26:45	132.5292	5352.69	16.65	-3.99	132.5292	5356.68	16.60
327	2012/06/17 01:51:55	132.9486	5352.36	16.65	-4.14	132.9486	5356.50	16.60
328	2012/06/17 02:17:05	133.3681	5352.48	16.65	-4.35	133.3681	5356.83	16.60
329	2012/06/17 02:42:15	133.7875	5352.97	16.65	-3.88	133.7875	5356.85	16.60
330	2012/06/17 03:07:25	134.2069	5353.07	16.65	-3.90	134.2069	5356.97	16.60
331	2012/06/17 03:32:35	134.6264	5353.07	16.65	-4.14	134.6264	5357.21	16.60
332	2012/06/17 03:57:45	135.0458	5352.97	16.65	-4.25	135.0458	5357.22	16.60
333	2012/06/17 04:22:55	135.4653	5352.83	16.65	-3.98	135.4653	5356.81	16.60
334	2012/06/17 04:48:05	135.8847	5352.49	16.65	-3.82	135.8847	5356.31	16.60
335	2012/06/17 05:13:15	136.3042	5352.80	16.65	-3.62	136.3042	5356.42	16.60
336	2012/06/17 05:38:25	136.7236	5352.86	16.65	-4.26	136.7236	5357.12	16.60
337	2012/06/17 06:03:35	137.1431	5352.82	16.65	-3.49	137.1431	5356.31	16.60
338	2012/06/17 06:28:45	137.5625	5353.06	16.65	-3.74	137.5625	5356.80	16.60
339	2012/06/17 06:53:55	137.9819	5352.75	16.65	-4.18	137.9819	5356.93	16.60
340	2012/06/17 07:19:05	138.4014	5352.80	16.65	-4.12	138.4014	5356.91	16.60
341	2012/06/17 07:44:15	138.8208	5352.83	16.65	-4.12	138.8208	5356.95	16.60
342	2012/06/17 08:09:25	139.2403	5353.61	16.65	-3.71	139.2403	5357.33	16.60
343	2012/06/17 08:34:35	139.6597	5353.59	16.65	-4.07	139.6597	5357.66	16.60
344	2012/06/17 08:59:45	140.0792	5354.11	16.65	-3.76	140.0792	5357.87	16.60
345	2012/06/17 09:24:55	140.4986	5354.07	16.65	-3.64	140.4986	5357.71	16.60
346	2012/06/17 09:50:05	140.9181	5353.77	16.65	-4.15	140.9181	5357.92	16.60
347	2012/06/17 10:15:15	141.3375	5353.58	16.65	-3.91	141.3375	5357.49	16.60
348	2012/06/17 10:40:25	141.7569	5354.10	16.65	-3.88	141.7569	5357.98	16.60
349	2012/06/17 11:05:35	142.1764	5354.30	16.65	-3.95	142.1764	5358.24	16.60
350	2012/06/17 11:30:45	142.5958	5353.85	16.65	-3.98	142.5958	5357.83	16.60
351	2012/06/17 11:55:55	143.0153	5353.41	16.65	-4.44	143.0153	5357.86	16.60
352	2012/06/17 12:21:05	143.4347	5353.31	16.65	-3.40	143.4347	5356.70	16.60
353	2012/06/17 12:46:15	143.8542	5353.12	16.65	-3.57	143.8542	5356.70	16.60
354	2012/06/17 13:11:25	144.2736	5352.39	16.65	-3.89	144.2736	5356.28	16.59
355	2012/06/17 13:36:35	144.6931	5352.26	16.65	-4.24	144.6931	5356.50	16.60
356	2012/06/17 14:01:45	145.1125	5352.25	16.65	-3.78	145.1125	5356.03	16.60
357	2012/06/17 14:26:55	145.5319	5351.89	16.65	-4.12	145.5319	5356.00	16.60
358	2012/06/17 14:52:05	145.9514	5352.18	16.65	-3.94	145.9514	5356.12	16.60
359	2012/06/17 15:17:15	146.3708	5352.37	16.65	-4.11	146.3708	5356.48	16.60
360	2012/06/17 15:42:25	146.7903	5353.57	16.65	-3.80	146.7903	5357.37	16.60

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
361	2012/06/17 16:07:35	147.2097	5353.56	16.65	-4.16	147.2097	5357.71	16.60
362	2012/06/17 16:32:45	147.6292	5351.68	16.65	-4.29	147.6292	5355.96	16.60
363	2012/06/17 16:57:55	148.0486	5352.04	16.65	-4.18	148.0486	5356.22	16.60
364	2012/06/17 17:23:05	148.4681	5352.61	16.65	-3.64	148.4681	5356.25	16.60
365	2012/06/17 17:48:15	148.8875	5352.32	16.65	-3.94	148.8875	5356.26	16.60
366	2012/06/17 18:13:25	149.3069	5351.77	16.65	-3.94	149.3069	5355.71	16.60
367	2012/06/17 18:38:35	149.7264	5351.63	16.65	-4.41	149.7264	5356.04	16.60
368	2012/06/17 19:03:45	150.1458	5353.25	16.65	-4.01	150.1458	5357.27	16.60
369	2012/06/17 19:28:55	150.5653	5351.98	16.65	-4.09	150.5653	5356.06	16.60
370	2012/06/17 19:54:05	150.9847	5352.12	16.65	-3.63	150.9847	5355.75	16.60
371	2012/06/17 20:19:15	151.4042	5354.04	16.65	-3.48	151.4042	5357.52	16.60
372	2012/06/17 20:44:25	151.8236	5353.50	16.65	-4.20	151.8236	5357.69	16.60
373	2012/06/17 21:09:35	152.2431	5352.07	16.65	-4.02	152.2431	5356.09	16.60
374	2012/06/17 21:34:45	152.6625	5351.19	16.65	-3.87	152.6625	5355.06	16.60
375	2012/06/17 21:59:55	153.0819	5351.18	16.65	-3.58	153.0819	5354.75	16.60
376	2012/06/17 22:25:05	153.5014	5350.92	16.65	-3.64	153.5014	5354.56	16.60
377	2012/06/17 22:50:15	153.9208	5350.58	16.65	-4.12	153.9208	5354.70	16.60
378	2012/06/17 23:15:25	154.3403	5349.68	16.65	-4.01	154.3403	5353.69	16.60
379	2012/06/17 23:40:35	154.7597	5349.48	16.65	-3.88	154.7597	5353.36	16.60
380	2012/06/18 00:05:45	155.1792	5349.13	16.65	-3.62	155.1792	5352.75	16.60
381	2012/06/18 00:30:55	155.5986	5348.93	16.65	-3.89	155.5986	5352.82	16.60
382	2012/06/18 00:56:05	156.0181	5348.65	16.65	-4.02	156.0181	5352.67	16.60
383	2012/06/18 01:21:15	156.4375	5348.46	16.65	-3.72	156.4375	5352.18	16.60
384	2012/06/18 01:46:25	156.8569	5347.95	16.65	-4.02	156.8569	5351.96	16.60
385	2012/06/18 02:11:35	157.2764	5347.94	16.65	-3.63	157.2764	5351.56	16.60
386	2012/06/18 02:36:45	157.6958	5347.80	16.65	-3.69	157.6958	5351.49	16.60
387	2012/06/18 03:01:55	158.1153	5347.48	16.65	-3.81	158.1153	5351.29	16.60
388	2012/06/18 03:27:05	158.5347	5347.23	16.65	-3.79	158.5347	5351.02	16.60
389	2012/06/18 03:52:15	158.9542	5347.23	16.65	-3.65	158.9542	5350.88	16.60
390	2012/06/18 04:17:25	159.3736	5347.08	16.65	-3.93	159.3736	5351.01	16.60
391	2012/06/18 04:42:35	159.7931	5346.62	16.65	-4.11	159.7931	5350.73	16.60
392	2012/06/18 05:07:45	160.2125	5346.46	16.65	-3.93	160.2125	5350.38	16.60
393	2012/06/18 05:32:55	160.6319	5346.14	16.65	-4.03	160.6319	5350.17	16.60
394	2012/06/18 05:58:05	161.0514	5346.11	16.65	-4.08	161.0514	5350.19	16.60
395	2012/06/18 06:23:15	161.4708	5346.04	16.65	-3.79	161.4708	5349.84	16.60
396	2012/06/18 06:48:25	161.8903	5345.91	16.65	-3.82	161.8903	5349.73	16.60
397	2012/06/18 07:13:35	162.3097	5345.56	16.65	-4.09	162.3097	5349.65	16.60
398	2012/06/18 07:38:45	162.7292	5345.19	16.65	-4.13	162.7292	5349.32	16.60
399	2012/06/18 08:03:55	163.1486	5345.25	16.65	-3.89	163.1486	5349.15	16.60
400	2012/06/18 08:29:05	163.5681	5345.33	16.65	-3.93	163.5681	5349.26	16.60
401	2012/06/18 08:54:15	163.9875	5345.56	16.65	-3.75	163.9875	5349.31	16.60
402	2012/06/18 09:19:25	164.4069	5345.96	16.65	-4.00	164.4069	5349.97	16.60
403	2012/06/18 09:44:35	164.8264	5346.18	16.65	-4.25	164.8264	5350.43	16.60
404	2012/06/18 10:09:45	165.2458	5346.02	16.65	-4.41	165.2458	5350.43	16.60
405	2012/06/18 10:34:55	165.6653	5346.29	16.66	-4.02	165.6653	5350.31	16.60

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
406	2012/06/18 11:00:05	166.0847	5346.07	16.65	-3.70	166.0847	5349.78	16.60
407	2012/06/18 11:25:15	166.5042	5346.43	16.66	-3.71	166.5042	5350.15	16.60
408	2012/06/18 11:50:25	166.9236	5345.92	16.65	-4.01	166.9236	5349.93	16.60
409	2012/06/18 12:15:35	167.3431	5345.55	16.65	-3.90	167.3431	5349.44	16.60
410	2012/06/18 12:40:45	167.7625	5345.82	16.65	-3.73	167.7625	5349.55	16.60
411	2012/06/18 13:05:55	168.1819	5345.62	16.65	-4.22	168.1819	5349.84	16.60
412	2012/06/18 13:31:05	168.6014	5345.62	16.65	-3.83	168.6014	5349.45	16.60
413	2012/06/18 13:56:15	169.0208	5346.32	16.65	-4.13	169.0208	5350.45	16.60
414	2012/06/18 14:21:25	169.4403	5346.67	16.65	-3.46	169.4403	5350.14	16.60
415	2012/06/18 14:46:35	169.8597	5347.64	16.65	-4.19	169.8597	5351.83	16.60
416	2012/06/18 15:11:45	170.2792	5347.76	16.65	-4.41	170.2792	5352.18	16.60
417	2012/06/18 15:36:55	170.6986	5347.65	16.65	-4.22	170.6986	5351.86	16.60
418	2012/06/18 16:02:05	171.1181	5346.52	16.65	-4.03	171.1181	5350.55	16.60
419	2012/06/18 16:27:15	171.5375	5346.17	16.65	-3.92	171.5375	5350.09	16.60
420	2012/06/18 16:52:25	171.9569	5345.85	16.66	-3.57	171.9569	5349.42	16.60
421	2012/06/18 17:17:35	172.3764	5345.37	16.65	-4.10	172.3764	5349.47	16.60
422	2012/06/18 17:42:45	172.7958	5345.45	16.65	-3.91	172.7958	5349.37	16.60
423	2012/06/18 18:07:55	173.2153	5345.17	16.65	-4.19	173.2153	5349.37	16.60
424	2012/06/18 18:33:05	173.6347	5344.91	16.65	-4.08	173.6347	5348.99	16.60
425	2012/06/18 18:58:15	174.0542	5344.79	16.65	-3.89	174.0542	5348.68	16.60
426	2012/06/18 19:23:25	174.4736	5344.23	16.65	-4.02	174.4736	5348.24	16.60
427	2012/06/18 19:48:35	174.8931	5343.55	16.65	-3.77	174.8931	5347.32	16.60
428	2012/06/18 20:13:45	175.3125	5343.04	16.65	-3.87	175.3125	5346.91	16.60
429	2012/06/18 20:38:55	175.7319	5342.94	16.65	-3.69	175.7319	5346.63	16.60
430	2012/06/18 21:04:05	176.1514	5342.62	16.65	-3.58	176.1514	5346.21	16.60
431	2012/06/18 21:29:15	176.5708	5342.16	16.65	-4.02	176.5708	5346.19	16.60
432	2012/06/18 21:54:25	176.9903	5341.69	16.65	-4.30	176.9903	5345.99	16.60
433	2012/06/18 22:19:35	177.4097	5341.37	16.65	-4.04	177.4097	5345.41	16.60
434	2012/06/18 22:44:45	177.8292	5340.81	16.65	-3.77	177.8292	5344.58	16.60
435	2012/06/18 23:09:55	178.2486	5340.31	16.65	-4.12	178.2486	5344.43	16.61
436	2012/06/18 23:35:05	178.6681	5340.15	16.65	-4.25	178.6681	5344.40	16.60
437	2012/06/19 00:00:15	179.0875	5340.52	16.65	-4.04	179.0875	5344.56	16.60
438	2012/06/19 00:25:25	179.5069	5340.27	16.66	-3.83	179.5069	5344.10	16.60
439	2012/06/19 00:50:35	179.9264	5339.69	16.65	-4.06	179.9264	5343.75	16.60
440	2012/06/19 01:15:45	180.3458	5339.29	16.65	-4.13	180.3458	5343.42	16.60
441	2012/06/19 01:40:55	180.7653	5339.30	16.66	-3.98	180.7653	5343.28	16.60
442	2012/06/19 02:06:05	181.1847	5339.05	16.66	-3.76	181.1847	5342.81	16.60
443	2012/06/19 02:31:15	181.6042	5338.68	16.66	-3.93	181.6042	5342.62	16.61
444	2012/06/19 02:56:25	182.0236	5338.55	16.65	-4.08	182.0236	5342.63	16.60
445	2012/06/19 03:21:35	182.4431	5338.70	16.65	-4.12	182.4431	5342.82	16.61
446	2012/06/19 03:46:45	182.8625	5338.99	16.65	-4.16	182.8625	5343.15	16.60
447	2012/06/19 04:11:55	183.2819	5338.80	16.66	-3.93	183.2819	5342.73	16.60
448	2012/06/19 04:37:05	183.7014	5339.01	16.65	-3.72	183.7014	5342.73	16.60
449	2012/06/19 05:02:15	184.1208	5338.50	16.65	-4.26	184.1208	5342.77	16.60
450	2012/06/19 05:27:25	184.5403	5338.52	16.65	-4.11	184.5403	5342.64	16.60

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
451	2012/06/19 05:52:35	184.9597	5338.71	16.65	-3.69	184.9597	5342.40	16.60
452	2012/06/19 06:17:45	185.3792	5338.80	16.65	-3.62	185.3792	5342.41	16.61
453	2012/06/19 06:42:55	185.7986	5338.74	16.65	-3.94	185.7986	5342.68	16.60
454	2012/06/19 07:08:05	186.2181	5338.92	16.65	-3.90	186.2181	5342.82	16.61
455	2012/06/19 07:33:15	186.6375	5339.11	16.65	-4.01	186.6375	5343.12	16.60
456	2012/06/19 07:58:25	187.0569	5339.29	16.65	-4.04	187.0569	5343.33	16.60
457	2012/06/19 08:23:35	187.4764	5339.79	16.65	-3.92	187.4764	5343.71	16.61
458	2012/06/19 08:48:45	187.8958	5339.42	16.65	-4.00	187.8958	5343.42	16.60
459	2012/06/19 09:13:55	188.3153	5339.86	16.65	-3.59	188.3153	5343.45	16.60
460	2012/06/19 09:39:05	188.7347	5340.11	16.65	-3.86	188.7347	5343.98	16.60
461	2012/06/19 10:04:15	189.1542	5340.77	16.65	-3.90	189.1542	5344.67	16.61
462	2012/06/19 10:29:25	189.5736	5342.87	16.65	-3.46	189.5736	5346.33	16.60
463	2012/06/19 10:54:35	189.9931	5342.85	16.65	-3.81	189.9931	5346.66	16.60
464	2012/06/19 11:19:45	190.4125	5342.56	16.66	-3.65	190.4125	5346.21	16.60
465	2012/06/19 11:44:55	190.8319	5341.74	16.66	-3.93	190.8319	5345.67	16.60
466	2012/06/19 12:10:05	191.2514	5342.69	16.65	-3.79	191.2514	5346.48	16.60
467	2012/06/19 12:35:15	191.6708	5343.49	16.66	-4.01	191.6708	5347.50	16.60
468	2012/06/19 13:00:25	192.0903	5343.77	16.65	-3.93	192.0903	5347.70	16.60
469	2012/06/19 13:25:35	192.5097	5343.34	16.65	-4.48	192.5097	5347.82	16.60
470	2012/06/19 13:50:45	192.9292	5344.17	16.65	-4.12	192.9292	5348.29	16.60
471	2012/06/19 14:15:55	193.3486	5343.41	16.66	-3.57	193.3486	5346.98	16.60
472	2012/06/19 14:41:05	193.7681	5342.57	16.65	-4.44	193.7681	5347.01	16.60
473	2012/06/19 15:06:15	194.1875	5342.14	16.65	-3.65	194.1875	5345.79	16.60
474	2012/06/19 15:31:25	194.6069	5341.98	16.65	-4.12	194.6069	5346.10	16.60
475	2012/06/19 15:56:35	195.0264	5341.79	16.65	-4.11	195.0264	5345.90	16.60
476	2012/06/19 16:21:45	195.4458	5341.26	16.65	-3.80	195.4458	5345.06	16.60
477	2012/06/19 16:46:55	195.8653	5341.25	16.65	-3.89	195.8653	5345.15	16.60
478	2012/06/19 17:12:05	196.2847	5341.10	16.65	-3.90	196.2847	5345.00	16.60
479	2012/06/19 17:37:15	196.7042	5339.89	16.65	-4.04	196.7042	5343.93	16.60
480	2012/06/19 18:02:25	197.1236	5339.30	16.66	-3.83	197.1236	5343.14	16.61
481	2012/06/19 18:27:35	197.5431	5339.26	16.65	-4.04	197.5431	5343.30	16.60
482	2012/06/19 18:52:45	197.9625	5338.89	16.65	-4.31	197.9625	5343.19	16.60
483	2012/06/19 19:17:55	198.3819	5338.86	16.65	-3.76	198.3819	5342.62	16.60
484	2012/06/19 19:43:05	198.8014	5338.52	16.66	-3.83	198.8014	5342.35	16.60
485	2012/06/19 20:08:15	199.2208	5338.88	16.66	-3.95	199.2208	5342.83	16.61
486	2012/06/19 20:33:25	199.6403	5338.14	16.66	-3.98	199.6403	5342.12	16.61
487	2012/06/19 20:58:35	200.0597	5337.68	16.66	-4.02	200.0597	5341.70	16.61
488	2012/06/19 21:23:45	200.4792	5336.87	16.66	-4.44	200.4792	5341.32	16.61
489	2012/06/19 21:48:55	200.8986	5336.57	16.65	-3.92	200.8986	5340.48	16.60
490	2012/06/19 22:14:05	201.3181	5336.36	16.66	-3.70	201.3181	5340.05	16.61
491	2012/06/19 22:39:15	201.7375	5335.83	16.66	-4.12	201.7375	5339.95	16.61
492	2012/06/19 23:04:25	202.1569	5335.45	16.66	-4.04	202.1569	5339.49	16.60
493	2012/06/19 23:29:35	202.5764	5335.45	16.66	-4.12	202.5764	5339.57	16.60
494	2012/06/19 23:54:45	202.9958	5335.91	16.65	-3.94	202.9958	5339.85	16.61
495	2012/06/20 00:19:55	203.4153	5335.36	16.65	-4.15	203.4153	5339.50	16.60

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
496	2012/06/20 00:45:05	203.8347	5335.56	16.66	-3.86	203.8347	5339.42	16.60
497	2012/06/20 01:10:15	204.2542	5335.29	16.65	-3.84	204.2542	5339.14	16.61
498	2012/06/20 01:35:25	204.6736	5335.06	16.65	-3.74	204.6736	5338.79	16.60
499	2012/06/20 02:00:35	205.0931	5335.00	16.66	-4.07	205.0931	5339.07	16.61
500	2012/06/20 02:25:45	205.5125	5334.76	16.66	-4.04	205.5125	5338.80	16.60
501	2012/06/20 02:50:55	205.9319	5334.67	16.65	-4.02	205.9319	5338.69	16.60
502	2012/06/20 03:16:05	206.3514	5334.70	16.65	-3.98	206.3514	5338.68	16.60
503	2012/06/20 03:41:15	206.7708	5334.35	16.66	-4.08	206.7708	5338.43	16.60
504	2012/06/20 04:06:25	207.1903	5334.31	16.65	-4.29	207.1903	5338.59	16.60
505	2012/06/20 04:31:35	207.6097	5334.34	16.66	-4.05	207.6097	5338.39	16.61
506	2012/06/20 04:56:45	208.0292	5334.38	16.65	-3.75	208.0292	5338.13	16.60
507	2012/06/20 05:21:55	208.4486	5334.42	16.65	-3.60	208.4486	5338.02	16.61
508	2012/06/20 05:47:05	208.8681	5334.05	16.65	-4.25	208.8681	5338.31	16.61
509	2012/06/20 06:12:15	209.2875	5334.33	16.66	-3.56	209.2875	5337.89	16.61
510	2012/06/20 06:37:25	209.7069	5333.91	16.66	-4.08	209.7069	5337.99	16.60
511	2012/06/20 07:02:35	210.1264	5333.79	16.65	-4.12	210.1264	5337.91	16.60
512	2012/06/20 07:27:45	210.5458	5333.38	16.65	-4.10	210.5458	5337.48	16.60
513	2012/06/20 07:52:55	210.9653	5333.85	16.66	-3.68	210.9653	5337.53	16.61
514	2012/06/20 08:18:05	211.3847	5333.50	16.65	-4.12	211.3847	5337.62	16.61
515	2012/06/20 08:43:15	211.8042	5333.51	16.65	-4.15	211.8042	5337.66	16.60
516	2012/06/20 09:08:25	212.2236	5334.16	16.65	-3.70	212.2236	5337.86	16.60
517	2012/06/20 09:33:35	212.6431	5334.07	16.65	-4.01	212.6431	5338.08	16.60
518	2012/06/20 09:58:45	213.0625	5334.04	16.66	-4.11	213.0625	5338.16	16.60
519	2012/06/20 10:23:55	213.4819	5334.63	16.66	-3.77	213.4819	5338.40	16.60
520	2012/06/20 10:49:05	213.9014	5334.67	16.66	-4.00	213.9014	5338.67	16.60
521	2012/06/20 11:14:15	214.3208	5335.16	16.65	-4.11	214.3208	5339.27	16.61
522	2012/06/20 11:39:25	214.7403	5335.32	16.66	-3.95	214.7403	5339.27	16.61
523	2012/06/20 12:04:35	215.1597	5335.72	16.65	-3.98	215.1597	5339.70	16.60
524	2012/06/20 12:29:45	215.5792	5336.29	16.66	-4.16	215.5792	5340.45	16.60
525	2012/06/20 12:54:55	215.9986	5335.86	16.65	-4.59	215.9986	5340.45	16.60
526	2012/06/20 13:20:05	216.4181	5336.50	16.66	-4.25	216.4181	5340.75	16.60
527	2012/06/20 13:45:15	216.8375	5336.29	16.66	-3.90	216.8375	5340.19	16.61
528	2012/06/20 14:10:25	217.2569	5337.48	16.66	-4.07	217.2569	5341.56	16.61
529	2012/06/20 14:35:35	217.6764	5335.61	16.65	-4.00	217.6764	5339.62	16.61
530	2012/06/20 15:00:45	218.0958	5333.87	16.66	-3.90	218.0958	5337.77	16.61
531	2012/06/20 15:25:55	218.5153	5335.62	16.66	-4.19	218.5153	5339.81	16.60
532	2012/06/20 15:51:05	218.9347	5337.30	16.66	-4.43	218.9347	5341.73	16.61
533	2012/06/20 16:16:15	219.3542	5336.30	16.66	-4.55	219.3542	5340.85	16.61
534	2012/06/20 16:41:25	219.7736	5338.21	16.65	-4.18	219.7736	5342.40	16.60
535	2012/06/20 17:06:35	220.1931	5339.05	16.66	-3.99	220.1931	5343.03	16.61
536	2012/06/20 17:31:45	220.6125	5339.39	16.66	-3.84	220.6125	5343.23	16.61
537	2012/06/20 17:56:55	221.0319	5339.37	16.66	-3.64	221.0319	5343.01	16.60
538	2012/06/20 18:22:05	221.4514	5337.05	16.66	-4.30	221.4514	5341.34	16.60
539	2012/06/20 18:47:15	221.8708	5337.56	16.66	-3.61	221.8708	5341.17	16.60
540	2012/06/20 19:12:25	222.2903	5336.67	16.66	-3.95	222.2903	5340.62	16.61

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
541	2012/06/20 19:37:35	222.7097	5333.86	16.65	-4.25	222.7097	5338.11	16.60
542	2012/06/20 20:02:45	223.1292	5334.35	16.66	-4.30	223.1292	5338.66	16.60
543	2012/06/20 20:27:55	223.5486	5335.25	16.66	-3.66	223.5486	5338.92	16.60
544	2012/06/20 20:53:05	223.9681	5333.34	16.66	-3.95	223.9681	5337.28	16.61
545	2012/06/20 21:18:15	224.3875	5332.30	16.65	-4.35	224.3875	5336.65	16.61
546	2012/06/20 21:43:25	224.8069	5331.61	16.66	-3.92	224.8069	5335.52	16.60
547	2012/06/20 22:08:35	225.2264	5330.41	16.66	-4.40	225.2264	5334.82	16.61
548	2012/06/20 22:33:45	225.6458	5329.92	16.66	-3.92	225.6458	5333.85	16.60
549	2012/06/20 22:58:55	226.0653	5329.23	16.66	-4.57	226.0653	5333.80	16.61
550	2012/06/20 23:24:05	226.4847	5329.02	16.65	-4.04	226.4847	5333.07	16.60
551	2012/06/20 23:49:15	226.9042	5329.18	16.65	-3.71	226.9042	5332.89	16.60
552	2012/06/21 00:14:25	227.3236	5328.74	16.66	-4.24	227.3236	5332.98	16.61
553	2012/06/21 00:39:35	227.7431	5328.65	16.66	-3.74	227.7431	5332.39	16.60
554	2012/06/21 01:04:45	228.1625	5328.36	16.66	-3.87	228.1625	5332.23	16.60
555	2012/06/21 01:29:55	228.5819	5328.20	16.65	-4.07	228.5819	5332.27	16.61
556	2012/06/21 01:55:05	229.0014	5328.09	16.66	-3.93	229.0014	5332.02	16.61
557	2012/06/21 02:20:15	229.4208	5327.72	16.65	-4.32	229.4208	5332.03	16.61
558	2012/06/21 02:45:25	229.8403	5327.40	16.66	-3.98	229.8403	5331.38	16.61
559	2012/06/21 03:10:35	230.2597	5327.77	16.66	-3.74	230.2597	5331.51	16.61
560	2012/06/21 03:35:45	230.6792	5327.30	16.66	-4.18	230.6792	5331.48	16.61
561	2012/06/21 04:00:55	231.0986	5327.46	16.66	-4.04	231.0986	5331.50	16.60
562	2012/06/21 04:26:05	231.5181	5327.57	16.66	-4.03	231.5181	5331.60	16.60
563	2012/06/21 04:51:15	231.9375	5327.60	16.66	-3.98	231.9375	5331.59	16.61
564	2012/06/21 05:16:25	232.3569	5327.27	16.66	-4.16	232.3569	5331.42	16.61
565	2012/06/21 05:41:35	232.7764	5327.47	16.66	-3.67	232.7764	5331.14	16.60
566	2012/06/21 06:06:45	233.1958	5328.38	16.66	-4.09	233.1958	5332.47	16.61
567	2012/06/21 06:31:55	233.6153	5328.93	16.66	-4.32	233.6153	5333.25	16.61
568	2012/06/21 06:57:05	234.0347	5330.03	16.66	-4.10	234.0347	5334.13	16.60
569	2012/06/21 07:22:15	234.4542	5330.63	16.66	-3.82	234.4542	5334.45	16.61
570	2012/06/21 07:47:25	234.8736	5330.98	16.66	-4.33	234.8736	5335.31	16.60
571	2012/06/21 08:12:35	235.2931	5331.45	16.66	-3.79	235.2931	5335.24	16.60
572	2012/06/21 08:37:45	235.7125	5331.47	16.66	-3.26	235.7125	5334.73	16.60
573	2012/06/21 09:02:55	236.1319	5332.05	16.66	-3.76	236.1319	5335.81	16.61
574	2012/06/21 09:28:05	236.5514	5332.20	16.66	-4.03	236.5514	5336.23	16.61
575	2012/06/21 09:53:15	236.9708	5332.36	16.66	-3.83	236.9708	5336.19	16.61
576	2012/06/21 10:18:25	237.3903	5332.02	16.66	-3.41	237.3903	5335.42	16.60
577	2012/06/21 10:43:35	237.8097	5332.65	16.66	-4.17	237.8097	5336.82	16.61
578	2012/06/21 11:08:45	238.2292	5332.90	16.66	-3.76	238.2292	5336.65	16.61
579	2012/06/21 11:33:55	238.6486	5333.02	16.66	-4.01	238.6486	5337.02	16.60
580	2012/06/21 11:59:05	239.0681	5333.14	16.66	-4.27	239.0681	5337.41	16.60
581	2012/06/21 12:24:15	239.4875	5333.04	16.66	-4.30	239.4875	5337.34	16.60
582	2012/06/21 12:49:25	239.9069	5333.59	16.66	-3.76	239.9069	5337.34	16.60
583	2012/06/21 13:51:55	240.9486	5333.13	16.66	-4.14	240.9486	5337.27	16.60
584	2012/06/21 15:07:25	242.2069	5330.73	16.65	-3.98	242.2069	5334.70	16.60
585	2012/06/21 16:22:55	243.4653	5332.49	16.65	-4.18	243.4653	5336.67	16.60

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
586	2012/06/21 17:38:25	244.7236	5331.86	16.65	-3.88	244.7236	5335.75	16.60
587	2012/06/21 18:53:55	245.9819	5332.22	16.66	-3.96	245.9819	5336.17	16.60
588	2012/06/21 20:09:25	247.2403	5330.91	16.65	-4.18	247.2403	5335.09	16.60
589	2012/06/21 21:24:55	248.4986	5328.43	16.65	-3.84	248.4986	5332.27	16.60
590	2012/06/21 22:40:25	249.7569	5324.78	16.65	-4.07	249.7569	5328.84	16.60
591	2012/06/21 23:55:55	251.0153	5323.46	16.65	-4.12	251.0153	5327.58	16.60
592	2012/06/22 01:11:25	252.2736	5322.69	16.65	-3.62	252.2736	5326.32	16.60
593	2012/06/22 02:26:55	253.5319	5322.12	16.65	-4.35	253.5319	5326.47	16.60
594	2012/06/22 03:42:25	254.7903	5321.32	16.65	-3.98	254.7903	5325.30	16.60
595	2012/06/22 04:57:55	256.0486	5320.94	16.66	-3.84	256.0486	5324.78	16.60
596	2012/06/22 06:13:25	257.3069	5322.37	16.65	-4.05	257.3069	5326.41	16.60
597	2012/06/22 07:28:55	258.5653	5327.65	16.65	-3.64	258.5653	5331.30	16.60
598	2012/06/22 08:44:25	259.8236	5328.06	16.65	-4.15	259.8236	5332.21	16.60
599	2012/06/22 09:59:55	261.0819	5330.03	16.65	-4.17	261.0819	5334.20	16.60
600	2012/06/22 11:15:25	262.3403	5330.81	16.65	-4.17	262.3403	5334.98	16.60
601	2012/06/22 12:30:55	263.5986	5330.93	16.65	-4.11	263.5986	5335.03	16.60
602	2012/06/22 13:46:25	264.8569	5330.32	16.65	-4.38	264.8569	5334.70	16.60
603	2012/06/22 15:01:55	266.1153	5330.86	16.65	-4.14	266.1153	5335.00	16.60
604	2012/06/22 16:17:25	267.3736	5330.79	16.66	-4.06	267.3736	5334.85	16.60
605	2012/06/22 17:32:55	268.6319	5331.75	16.65	-4.13	268.6319	5335.89	16.61
606	2012/06/22 18:48:25	269.8903	5328.23	16.65	-4.33	269.8903	5332.56	16.61
607	2012/06/22 20:03:55	271.1486	5327.82	16.66	-4.11	271.1486	5331.93	16.60
608	2012/06/22 21:19:25	272.4069	5323.72	16.66	-3.70	272.4069	5327.42	16.60
609	2012/06/22 22:34:55	273.6653	5320.46	16.66	-3.94	273.6653	5324.39	16.61
610	2012/06/22 23:50:25	274.9236	5318.79	16.65	-4.18	274.9236	5322.97	16.60
611	2012/06/23 01:05:55	276.1819	5318.10	16.66	-4.47	276.1819	5322.57	16.60
612	2012/06/23 02:21:25	277.4403	5317.82	16.66	-3.72	277.4403	5321.54	16.60
613	2012/06/23 03:36:55	278.6986	5316.72	16.66	-4.03	278.6986	5320.76	16.60
614	2012/06/23 04:52:25	279.9569	5316.11	16.66	-4.13	279.9569	5320.25	16.60
615	2012/06/23 06:07:55	281.2153	5318.13	16.65	-4.00	281.2153	5322.13	16.60
616	2012/06/23 07:23:25	282.4736	5322.37	16.65	-4.08	282.4736	5326.45	16.60
617	2012/06/23 08:38:55	283.7319	5324.10	16.66	-3.95	283.7319	5328.06	16.61
618	2012/06/23 09:54:25	284.9903	5324.50	16.66	-4.12	284.9903	5328.62	16.60
619	2012/06/23 11:09:55	286.2486	5325.83	16.66	-3.83	286.2486	5329.66	16.60
620	2012/06/23 12:25:25	287.5069	5325.20	16.65	-4.29	287.5069	5329.50	16.60
621	2012/06/23 13:40:55	288.7653	5325.53	16.66	-4.17	288.7653	5329.70	16.61
622	2012/06/23 14:56:25	290.0236	5324.98	16.66	-3.84	290.0236	5328.82	16.60
623	2012/06/23 16:11:55	291.2819	5324.39	16.66	-3.87	291.2819	5328.25	16.61
624	2012/06/23 17:27:25	292.5403	5323.41	16.66	-4.21	292.5403	5327.62	16.60
625	2012/06/23 18:42:55	293.7986	5322.88	16.66	-4.06	293.7986	5326.94	16.61
626	2012/06/23 19:58:25	295.0569	5321.00	16.66	-3.95	295.0569	5324.95	16.60
627	2012/06/23 21:13:55	296.3153	5317.88	16.66	-3.96	296.3153	5321.84	16.60
628	2012/06/23 22:29:25	297.5736	5315.14	16.66	-4.15	297.5736	5319.29	16.60
629	2012/06/23 23:44:55	298.8319	5313.81	16.66	-4.00	298.8319	5317.81	16.60
630	2012/06/24 01:00:25	300.0903	5312.80	16.66	-4.11	300.0903	5316.91	16.60

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
631	2012/06/24 02:15:55	301.3486	5311.92	16.66	-4.34	301.3486	5316.27	16.61
632	2012/06/24 03:31:25	302.6069	5311.98	16.66	-4.03	302.6069	5316.01	16.61
633	2012/06/24 04:46:55	303.8653	5311.18	16.66	-4.08	303.8653	5315.27	16.61
634	2012/06/24 06:02:25	305.1236	5312.91	16.66	-4.13	305.1236	5317.05	16.61
635	2012/06/24 07:17:55	306.3819	5316.01	16.66	-3.59	306.3819	5319.60	16.60
636	2012/06/24 08:33:25	307.6403	5317.12	16.66	-3.90	307.6403	5321.03	16.60
637	2012/06/24 09:48:55	308.8986	5317.31	16.66	-4.09	308.8986	5321.40	16.61
638	2012/06/24 11:04:25	310.1569	5317.89	16.66	-3.74	310.1569	5321.63	16.61
639	2012/06/24 12:19:55	311.4153	5317.33	16.66	-3.74	311.4153	5321.07	16.61
640	2012/06/24 13:35:25	312.6736	5317.34	16.66	-4.14	312.6736	5321.48	16.61
641	2012/06/24 14:50:55	313.9319	5317.25	16.66	-3.98	313.9319	5321.23	16.61
642	2012/06/24 16:06:25	315.1903	5317.50	16.66	-3.91	315.1903	5321.41	16.60
643	2012/06/24 17:21:55	316.4486	5317.53	16.66	-4.35	316.4486	5321.88	16.61
644	2012/06/24 18:37:25	317.7069	5316.81	16.65	-4.33	317.7069	5321.14	16.60
645	2012/06/24 19:52:55	318.9653	5316.02	16.66	-4.31	318.9653	5320.34	16.61
646	2012/06/24 21:08:25	320.2236	5313.20	16.66	-4.62	320.2236	5317.82	16.60
647	2012/06/24 22:23:55	321.4819	5309.78	16.66	-3.78	321.4819	5313.57	16.61
648	2012/06/24 23:39:25	322.7403	5309.19	16.66	-4.18	322.7403	5313.37	16.60
649	2012/06/25 00:54:55	323.9986	5308.57	16.66	-4.02	323.9986	5312.60	16.61
650	2012/06/25 02:10:25	325.2569	5307.93	16.66	-4.00	325.2569	5311.94	16.61
651	2012/06/25 03:25:55	326.5153	5307.25	16.66	-4.26	326.5153	5311.51	16.61
652	2012/06/25 04:41:25	327.7736	5307.08	16.66	-3.82	327.7736	5310.90	16.61
653	2012/06/25 05:56:55	329.0319	5307.56	16.66	-4.17	329.0319	5311.73	16.61
654	2012/06/25 07:12:25	330.2903	5309.12	16.66	-3.96	330.2903	5313.08	16.61
655	2012/06/25 08:27:55	331.5486	5310.15	16.66	-4.25	331.5486	5314.40	16.61
656	2012/06/25 09:43:25	332.8069	5311.80	16.66	-4.19	332.8069	5315.99	16.61
657	2012/06/25 10:58:55	334.0653	5311.78	16.66	-4.38	334.0653	5316.16	16.61
658	2012/06/25 12:14:25	335.3236	5312.32	16.66	-3.94	335.3236	5316.26	16.61
659	2012/06/25 13:29:55	336.5819	5313.27	16.67	-4.22	336.5819	5317.49	16.61
660	2012/06/25 14:45:25	337.8403	5314.00	16.66	-4.35	337.8403	5318.35	16.61
661	2012/06/25 16:00:55	339.0986	5314.33	16.66	-4.10	339.0986	5318.43	16.61
662	2012/06/25 17:16:25	340.3569	5313.57	16.66	-4.27	340.3569	5317.83	16.61
663	2012/06/25 18:31:55	341.6153	5311.52	16.66	-3.91	341.6153	5315.43	16.61
664	2012/06/25 19:47:25	342.8736	5311.90	16.66	-3.82	342.8736	5315.72	16.61
665	2012/06/25 21:02:55	344.1319	5309.67	16.66	-3.93	344.1319	5313.61	16.61
666	2012/06/25 22:18:25	345.3903	5308.62	16.67	-4.14	345.3903	5312.75	16.61
667	2012/06/25 23:33:55	346.6486	5307.44	16.66	-4.39	346.6486	5311.84	16.61
668	2012/06/26 00:49:25	347.9069	5307.22	16.66	-3.94	347.9069	5311.16	16.61
669	2012/06/26 02:04:55	349.1653	5305.99	16.66	-4.18	349.1653	5310.17	16.61
670	2012/06/26 03:20:25	350.4236	5305.37	16.66	-4.37	350.4236	5309.74	16.61
671	2012/06/26 04:35:55	351.6819	5305.53	16.66	-3.90	351.6819	5309.42	16.61
672	2012/06/26 05:51:25	352.9403	5305.53	16.67	-3.85	352.9403	5309.38	16.61
673	2012/06/26 07:06:55	354.1986	5306.00	16.67	-4.23	354.1986	5310.22	16.61
674	2012/06/26 08:22:25	355.4569	5308.72	16.67	-3.95	355.4569	5312.67	16.61
675	2012/06/26 09:37:55	356.7153	5309.38	16.67	-3.82	356.7153	5313.20	16.61

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
676	2012/06/26 10:53:25	357.9736	5312.27	16.66	-4.10	357.9736	5316.37	16.61
677	2012/06/26 12:08:55	359.2319	5312.94	16.66	-4.10	359.2319	5317.04	16.61
678	2012/06/26 13:24:25	360.4903	5308.36	16.67	-4.10	360.4903	5312.46	16.61
679	2012/06/26 14:39:55	361.7486	5309.50	16.67	-4.06	361.7486	5313.56	16.61
680	2012/06/26 15:55:25	363.0069	5310.83	16.66	-3.99	363.0069	5314.82	16.61
681	2012/06/26 17:10:55	364.2653	5311.34	16.66	-4.30	364.2653	5315.63	16.61
682	2012/06/26 18:26:25	365.5236	5311.48	16.66	-4.20	365.5236	5315.68	16.62
683	2012/06/26 19:41:55	366.7819	5310.42	16.67	-4.03	366.7819	5314.44	16.61
684	2012/06/26 20:57:25	368.0403	5307.42	16.66	-3.85	368.0403	5311.26	16.61
685	2012/06/26 22:12:55	369.2986	5306.31	16.66	-3.85	369.2986	5310.16	16.61
686	2012/06/26 23:28:25	370.5569	5304.84	16.67	-4.18	370.5569	5309.02	16.61
687	2012/06/27 00:43:55	371.8153	5302.06	16.67	-3.75	371.8153	5305.81	16.62
688	2012/06/27 01:59:25	373.0736	5302.11	16.67	-3.85	373.0736	5305.96	16.61
689	2012/06/27 03:14:55	374.3319	5301.66	16.67	-3.88	374.3319	5305.54	16.61
690	2012/06/27 04:30:25	375.5903	5300.87	16.67	-3.95	375.5903	5304.82	16.61
691	2012/06/27 05:45:55	376.8486	5300.61	16.66	-3.80	376.8486	5304.41	16.61
692	2012/06/27 07:01:25	378.1069	5302.21	16.67	-4.29	378.1069	5306.50	16.61
693	2012/06/27 08:16:55	379.3653	5303.86	16.67	-3.56	379.3653	5307.42	16.61
694	2012/06/27 09:31:55	380.6153	5304.28	16.67	-3.59	380.6153	5307.88	16.62
695	2012/06/27 09:32:25	380.6236	5304.47	16.67	-3.81	380.6236	5308.28	16.61
696	Recorders off bottom.							
697	2012/06/27 09:32:55	380.6319	5293.93	16.66	-14.42	380.6319	5308.34	16.61
698	2012/06/27 10:30:25	381.5903	112.29	16.46	-5.69	381.5903	117.99	15.88

Print Filter: Approximately every 151 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/11	12:55:00	520.50 m
Top	77495	2012/06/11	12:55:00	520.25 m



Company Name	TUNDRA OIL & GAS LTD.
Well Name	BIRDTAIL UNIT NO. 2 PROV. WIW
Unique Well ID	102/02-19-016-27W1/0
Formation	BAKKEN
Well License Number	4811
Test Type	Final Static Gradient
Start Test Date	2012/06/27
Final Test Date	2012/06/27

Prepared By	Pam Cruickshank
Report Date	2012/06/29

Pure Energy Services Ltd.
10th Floor, 333 - 11th Avenue SW, Calgary, Alberta T2R 1L9
Phone: 403-262-4000 Fax: 403-237-9731
www.pure-energy.ca

Well Information

Company Name TUNDRA OIL & GAS LTD.
Well Name BIRDTAIL UNIT NO. 2 PROV. WIW
Contact MURRAY STEWART
Surface Location 02-19-016-27W1 **KB Elevation (SL)** 478.17 m
Unique Well ID 102/02-19-016-27W1/0 **GL Elevation (SL)** 473.47 m
Well Type Vertical **CF Elevation (SL)** 474.37 m
Well Fluid Type 06 Water **KB-GL Offset** 4.70 m
H2S Indicator No **KB-CF Offset** 3.80 m
Formation BAKKEN
Top(Log KB) 519.00 m **Bottom(Log KB)** 522.00 m
Top(TVD KB) 519.00 m **Bottom(TVD KB)** 522.00 m

Test Information

Test Type	Final Static Gradient	Start Test Date	2012/06/27	07:32:25
Test Purpose (AEUB)	Annual Pressure	Final Test Date	2012/06/27	09:32:25
		Date Well Shut-In	2012/06/11	15:33:35
Tubing OD	60.3 mm	Tubing Pressure: Initial	93.00 kPa(a)	
Tubing ID	50.7 mm	Tubing Pressure: Final	93.00 kPa(a)	
Tubing Depth(Log KB)	518.70000 m	Casing Pressure: Initial	108.00 kPa(a)	
Tubing Depth(TVD KB)	518.70000 m	Casing Pressure: Final	108.00 kPa(a)	
Casing OD	114.3 mm	Representative	Kent Dowhanuik	
Casing ID	103.9 mm	Prepared By	Pam Cruickshank	
Casing Depth(Log KB)	546.00000 m	Qualified By	Steve Dawson	
Casing Depth(TVD KB)	546.00000 m	Report Date	2012/06/29	
Packer Depth(Log KB)	m			
Packer Depth(TVD KB)	m			
PBTD(Log KB)	546.00 m			
PBTD(TVD KB)	546.00 m			

Test Results

Gauge Serial Number Used in Summary	77497
Run Depth (Log KB)	520.50 m
Run Depth (TVD KB)	520.50 m
Pressure at Stop Depth	5304.47 kPa(a)
MPP(TVD KB)	520.50 m
Representative Pressure at MPP	5266.18 kPa(a)
Reservoir Temperature	16.67 °C
Liquid Level(TVD KB)	m

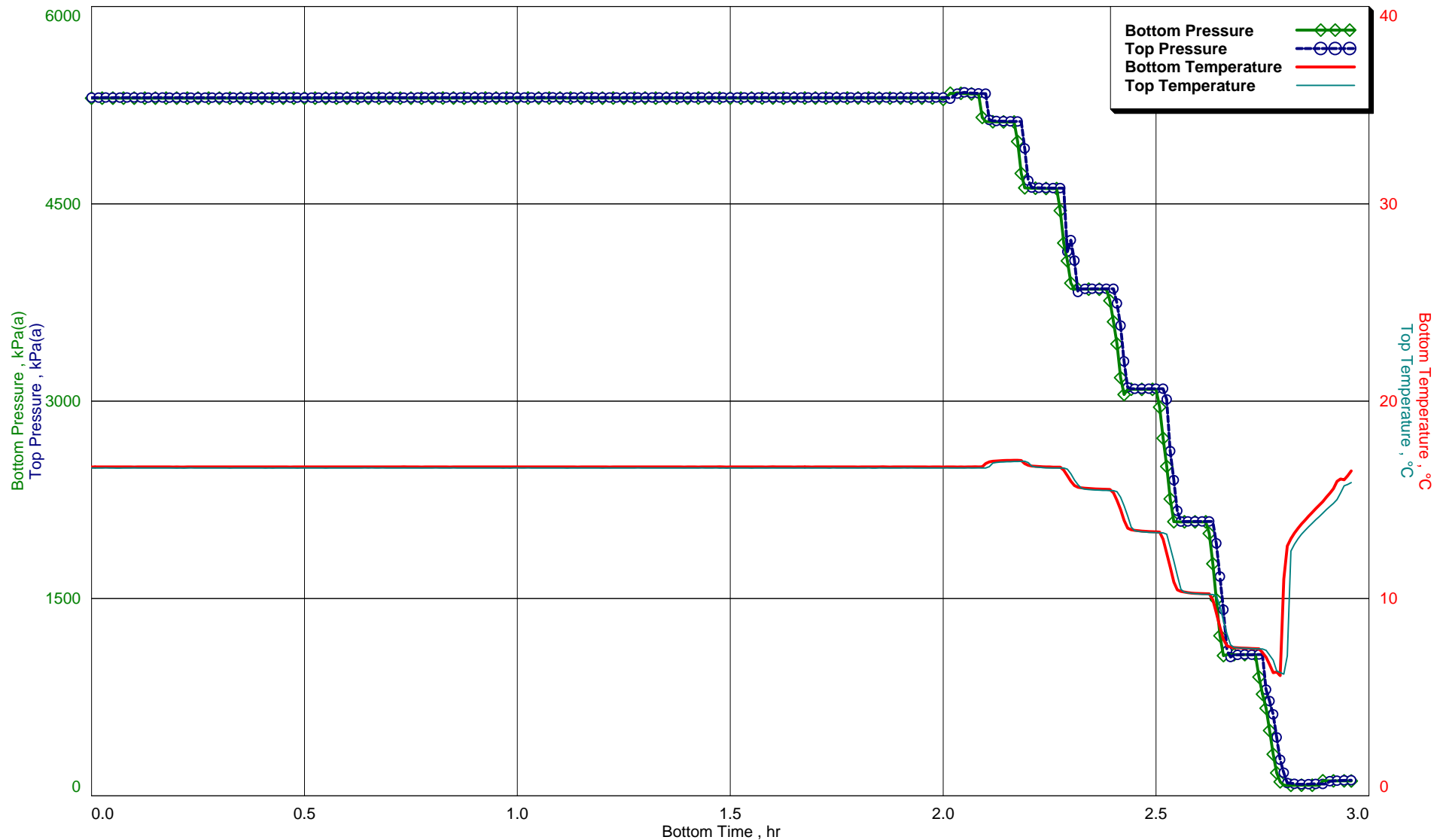
Remarks Fluid from surface.

For AB wells, the Interval (Log Depth mKB) must match the GCI Interval in the petroleum Registry for a successful submission

TUNDRA OIL & GAS LTD.
102/02-19-016-27W1/0
Start Test Date: 2012/06/27
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
Formation: BAKKEN

Final Static Gradient Plot



Bottom

TUNDRA OIL & GAS LTD.
102/02-19-016-27W1/0
Start Test Date: 2012/06/27
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
Formation: BAKKEN

Bottom

Gauge Serial Number	77497	Gauge Type	Strain
Gauge Manufacturer	Spartek Systems	Maximum Recorder Range	41370.00 kPa
Run Depth (Log KB)	520.50 m	Date of Last Calibration	2012/03/22
Gauge Start Date	2012/06/27 07:32:55	Gauge Stop Date	2012/06/27 10:30:25
Date Gauge On Bottom	2012/06/27 07:32:25	Date Gauge Off Bottom	2012/06/27 09:32:25

Test Data

Top(TVD KB)	519.00 m	Bottom(TVD KB)	522.00 m
Pool Datum Depth (SS)	m	Well Datum Depth	m
Tubing Pressure: Initial	93.00 kPa(a)	Tubing Pressure: Final	93.00 kPa(a)
Casing Pressure: Initial	108.00 kPa(a)	Casing Pressure: Final	108.00 kPa(a)
Start Test Date	2012/06/27 07:32:25	Date Well Shut-In	2012/06/11 15:33:35

Depth m	Time hh:mm:ss	Duration min	Pressure kPa(a)	Gradient kPa/m	Temp. °C	Gradient °C/m
524.30	09:32:25	120.00	5304.47		16.67	
503.80	09:42:55	10.50	5121.66	8.918	17.00	-0.016
453.80	09:48:55	6.00	4615.71	10.119	16.66	0.007
378.80	09:55:55	7.00	3850.83	10.198	15.53	0.015
303.80	10:02:55	7.00	3090.29	10.141	13.38	0.029
203.80	10:09:55	7.00	2082.45	10.078	10.24	0.031
103.80	10:16:55	7.00	1073.49	10.090	7.46	0.028
3.80	10:25:55	9.00	80.74	9.928	14.73	-0.073

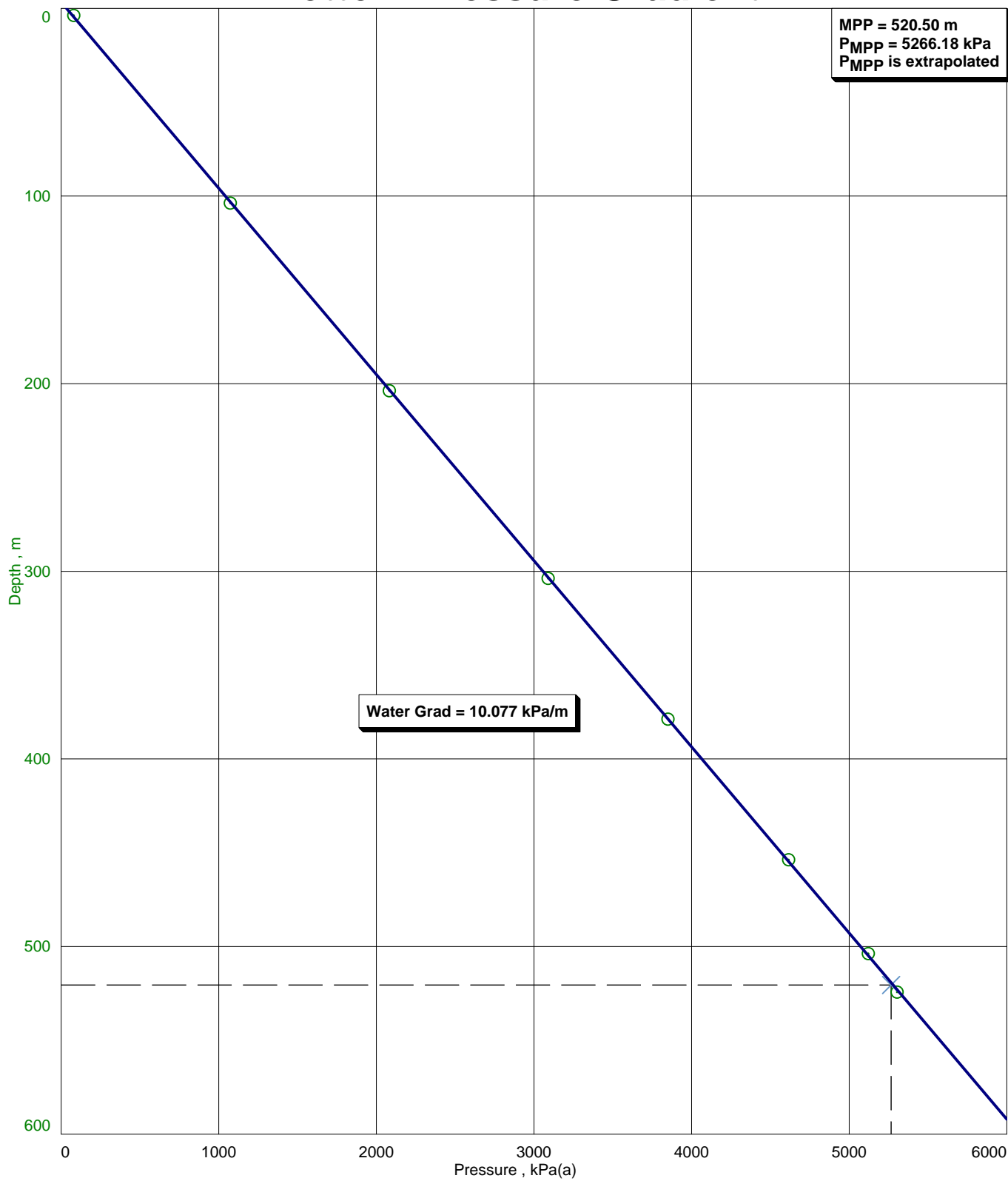
Results

Water	10.077 kPa/m	MPP	520.50 m	5266.18 kPa(a)
-------	--------------	-----	----------	----------------

TUNDRA OIL & GAS LTD.
102/02-19-016-27W1/0
Start Test Date: 2012/06/27
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
Formation: BAKKEN

Bottom Pressure Gradient



Top

TUNDRA OIL & GAS LTD.
102/02-19-016-27W1/0
Start Test Date: 2012/06/27
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
Formation: BAKKEN

Top

Gauge Serial Number	77495	Gauge Type	Strain
Gauge Manufacturer	Spartek Systems	Maximum Recorder Range	41370.00 kPa
Run Depth (Log KB)	520.25 m	Date of Last Calibration	2012/03/22
Gauge Start Date	2012/06/27 07:32:55	Gauge Stop Date	2012/06/27 10:30:25
Date Gauge On Bottom	2012/06/27 07:32:25	Date Gauge Off Bottom	2012/06/27 09:32:25

Test Data

Top(TVD KB)	519.00 m	Bottom(TVD KB)	522.00 m
Pool Datum Depth (SS)	m	Well Datum Depth	m
Tubing Pressure: Initial	93.00 kPa(a)	Tubing Pressure: Final	93.00 kPa(a)
Casing Pressure: Initial	108.00 kPa(a)	Casing Pressure: Final	108.00 kPa(a)
Start Test Date	2012/06/27 07:32:25	Date Well Shut-In	2012/06/11 15:33:35

Depth m	Time hh:mm:ss	Duration min	Pressure kPa(a)	Gradient kPa/m	Temp. °C	Gradient °C/m
524.05	09:33:25	121.00	5308.40		16.62	
503.55	09:43:55	10.50	5125.39	8.927	16.95	-0.016
453.55	09:49:55	6.00	4618.99	10.128	16.61	0.007
378.55	09:56:55	7.00	3853.81	10.202	15.46	0.015
303.55	10:03:55	7.00	3094.43	10.125	13.32	0.029
203.55	10:10:55	7.00	2085.90	10.085	10.20	0.031
103.55	10:17:55	7.00	1075.07	10.108	7.44	0.028
3.55	10:26:55	9.00	88.57	9.865	14.50	-0.071

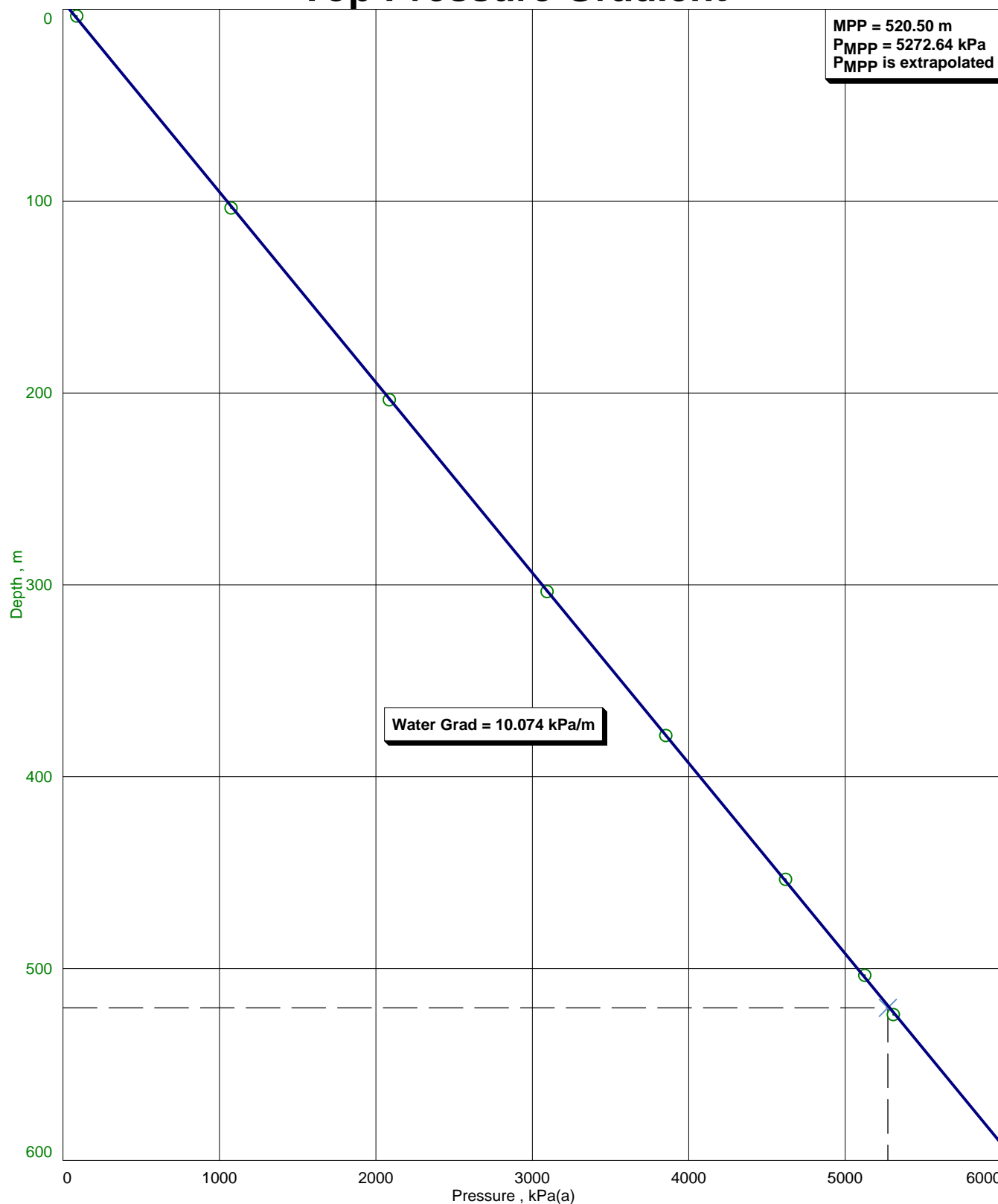
Results

Water	10.074 kPa/m	MPP	520.50 m	5272.64 kPa(a)
-------	--------------	-----	----------	----------------

TUNDRA OIL & GAS LTD.
102/02-19-016-27W1/0
Start Test Date: 2012/06/27
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
Formation: BAKKEN

Top Pressure Gradient



Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/27
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
1	2012/06/27 07:32:55	0.0000	5303.07	16.66	0.0000	5307.35	16.61
2	2012/06/27 07:35:25	0.0417	5303.08	16.66	0.0417	5307.19	16.62
3	2012/06/27 07:37:55	0.0833	5303.30	16.67	0.0833	5307.52	16.61
4	2012/06/27 07:40:25	0.1250	5303.18	16.67	0.1250	5307.30	16.61
5	2012/06/27 07:42:55	0.1667	5303.30	16.67	0.1667	5307.49	16.61
6	2012/06/27 07:45:25	0.2083	5303.36	16.66	0.2083	5307.52	16.61
7	2012/06/27 07:47:55	0.2500	5303.19	16.67	0.2500	5307.36	16.61
8	2012/06/27 07:50:25	0.2917	5303.09	16.67	0.2917	5307.21	16.61
9	2012/06/27 07:52:55	0.3333	5303.18	16.67	0.3333	5307.17	16.61
10	2012/06/27 07:55:25	0.3750	5302.97	16.67	0.3750	5307.14	16.61
11	2012/06/27 07:57:55	0.4167	5303.26	16.66	0.4167	5307.28	16.61
12	2012/06/27 08:00:25	0.4583	5303.45	16.67	0.4583	5307.04	16.61
13	2012/06/27 08:02:55	0.5000	5303.56	16.67	0.5000	5307.33	16.62
14	2012/06/27 08:05:25	0.5417	5303.36	16.67	0.5417	5307.57	16.62
15	2012/06/27 08:07:55	0.5833	5303.56	16.67	0.5833	5307.18	16.61
16	2012/06/27 08:10:25	0.6250	5303.28	16.67	0.6250	5307.44	16.61
17	2012/06/27 08:12:55	0.6667	5303.54	16.67	0.6667	5307.64	16.61
18	2012/06/27 08:15:25	0.7083	5303.40	16.67	0.7083	5307.63	16.61
19	2012/06/27 08:17:55	0.7500	5303.47	16.67	0.7500	5307.41	16.61
20	2012/06/27 08:20:25	0.7917	5303.63	16.67	0.7917	5307.58	16.61
21	2012/06/27 08:22:55	0.8333	5303.60	16.67	0.8333	5307.93	16.61
22	2012/06/27 08:25:25	0.8750	5303.67	16.67	0.8750	5307.94	16.61
23	2012/06/27 08:27:55	0.9167	5303.84	16.66	0.9167	5308.02	16.61
24	2012/06/27 08:30:25	0.9583	5304.14	16.67	0.9583	5308.08	16.61
25	2012/06/27 08:32:55	1.0000	5304.27	16.67	1.0000	5308.04	16.62
26	2012/06/27 08:35:25	1.0417	5304.19	16.67	1.0417	5308.17	16.61
27	2012/06/27 08:37:55	1.0833	5304.42	16.67	1.0833	5308.40	16.61
28	2012/06/27 08:40:25	1.1250	5304.53	16.67	1.1250	5308.20	16.61
29	2012/06/27 08:42:55	1.1667	5304.08	16.67	1.1667	5308.29	16.61
30	2012/06/27 08:45:25	1.2083	5304.17	16.67	1.2083	5307.99	16.61
31	2012/06/27 08:47:55	1.2500	5303.67	16.67	1.2500	5307.80	16.61
32	2012/06/27 08:50:25	1.2917	5304.08	16.67	1.2917	5307.97	16.61
33	2012/06/27 08:52:55	1.3333	5303.78	16.67	1.3333	5307.93	16.61
34	2012/06/27 08:55:25	1.3750	5304.29	16.67	1.3750	5308.02	16.61
35	2012/06/27 08:57:55	1.4167	5303.89	16.67	1.4167	5308.07	16.61
36	2012/06/27 09:00:25	1.4583	5303.88	16.67	1.4583	5307.80	16.61
37	2012/06/27 09:02:55	1.5000	5303.72	16.67	1.5000	5307.56	16.61
38	2012/06/27 09:05:25	1.5417	5303.89	16.67	1.5417	5307.69	16.61
39	2012/06/27 09:07:55	1.5833	5304.05	16.66	1.5833	5307.83	16.61
40	2012/06/27 09:10:25	1.6250	5303.67	16.67	1.6250	5307.95	16.62
41	2012/06/27 09:12:55	1.6667	5303.97	16.67	1.6667	5307.89	16.61
42	2012/06/27 09:15:25	1.7083	5303.87	16.67	1.7083	5307.82	16.61
43	2012/06/27 09:17:55	1.7500	5303.75	16.67	1.7500	5307.83	16.61
44	2012/06/27 09:20:25	1.7917	5303.61	16.67	1.7917	5307.89	16.61
45	2012/06/27 09:22:55	1.8333	5304.39	16.67	1.8333	5307.84	16.61

Print Filter: Approximately every 5 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/27	07:32:55	520.50 m
Top	77495	2012/06/27	07:32:55	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 102/02-19-016-27W1/0
Start Test Date 2012/06/27
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 PROV. WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
46	2012/06/27 09:25:25	1.8750	5303.78	16.66	1.8750	5307.98	16.61
47	2012/06/27 09:27:55	1.9167	5303.44	16.67	1.9167	5308.10	16.61
48	2012/06/27 09:30:25	1.9583	5304.07	16.67	1.9583	5308.00	16.61
49	2012/06/27 09:32:55	2.0000	5293.93	16.66	2.0000	5308.34	16.61
50	2012/06/27 09:35:25	2.0417	5339.69	16.67	2.0417	5341.42	16.61
51	2012/06/27 09:37:55	2.0833	5333.79	16.67	2.0833	5339.28	16.62
52	2012/06/27 09:40:25	2.1250	5123.00	16.97	2.1250	5129.30	16.89
53	2012/06/27 09:42:55	2.1667	5121.66	17.00	2.1667	5126.27	16.94
54	2012/06/27 09:45:25	2.2083	4618.56	16.71	2.2083	4623.25	16.71
55	2012/06/27 09:47:55	2.2500	4616.15	16.67	2.2500	4620.03	16.61
56	2012/06/27 09:50:25	2.2917	4066.23	16.22	2.2917	4136.04	16.55
57	2012/06/27 09:52:55	2.3333	3851.13	15.58	2.3333	3853.23	15.54
58	2012/06/27 09:55:25	2.3750	3851.16	15.54	2.3750	3853.92	15.48
59	2012/06/27 09:57:55	2.4167	3178.81	14.51	2.4167	3574.08	15.13
60	2012/06/27 10:00:25	2.4583	3090.05	13.43	2.4583	3093.93	13.40
61	2012/06/27 10:02:55	2.5000	3090.29	13.38	2.5000	3094.22	13.33
62	2012/06/27 10:05:25	2.5417	2083.17	10.83	2.5417	2399.17	11.90
63	2012/06/27 10:07:55	2.5833	2082.33	10.27	2.5833	2085.11	10.26
64	2012/06/27 10:10:25	2.6250	1993.88	10.24	2.6250	2085.63	10.20
65	2012/06/27 10:12:55	2.6667	1072.49	7.59	2.6667	1101.39	8.18
66	2012/06/27 10:15:25	2.7083	1073.20	7.48	2.7083	1073.82	7.47
67	2012/06/27 10:17:55	2.7500	772.84	7.26	2.7500	1075.07	7.44
68	2012/06/27 10:20:25	2.7917	105.79	6.09	2.7917	273.80	6.25
69	2012/06/27 10:22:55	2.8333	80.39	13.55	2.8333	88.40	13.02
70	2012/06/27 10:25:25	2.8750	80.55	14.55	2.8750	89.77	13.99
71	2012/06/27 10:27:55	2.9167	113.97	15.56	2.9167	112.70	14.82
72	2012/06/27 10:30:25	2.9583	112.29	16.46	2.9583	117.99	15.88

Print Filter: Approximately every 5 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	77497	2012/06/27	07:32:55	520.50 m
Top	77495	2012/06/27	07:32:55	520.25 m



TUNDRA OIL & GAS PARTNERSHIP

TUNDRA BIRDTAIL (4C-20) HZ 2C-19-16-27

103/02-19-016-27W1/00

LICENSE #: 8818

BAKKEN FORMATION

Open Hole: 647.5- 1312 mKBMD

(521.35 – 523.01 TVD)

RESERVOIR PRESSURE SURVEY DATA

JULY 22nd – 27th, 2012

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	CHRIS PERKINS
e-mail	chris.perkins@tundraoilandgas.com
Phone	1-204-851-2146
Site Contact	BRENT FLANNERY
Site Phone	1-204-851-5013

Well Information

Well Name	TUNDRA BIRDTAIL (4C-20) HZ 2C-19-16-27
Unique Well ID	103/02-19-016-27W1/00
Surface Location	4C-20 / 2C-19-16-27W1
Well License Number	8818
Well Type	Horizontal
Well Fluid Type	01 Oil
Field	BIRDTAIL

KB Elevation (SL)	480.74 m
CF Elevation (SL)	476.69 m
GL Elevation (SL)	476.64 m
Distance from KB to CF (Log)	4.05 m
KB-GL Offset	4.10 m

Tubing ID	mm
Tubing OD	mm
Tubing Depth(Log KB)	m
Tubing Depth(TVD KB)	m
Casing ID	159.0 mm
Casing OD	177.8 mm
Casing Depth(Log KB)	647.50 m
Casing Depth(TVD KB)	521.35 m
PBTD(Log KB)	m
PBTD(TVD KB)	m



Pressure Survey Report

Test Information

Well Name TUNDRA BIRDTAIL (4C-20) HZ 2C-19-16-27
Unique Well ID 103/02-19-016-27W1/00
Surface Location 4C-20 / 2C-19-16-27W1
Well License Number 8818

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) 647.50 m
Test/Prod. Interval Base KB (Log) 1312.00 m
Test/Prod Interval Top KB (TVD) 521.35 m
Test/Prod. Interval Base m KB (TVD) 523.01 m
MPP(Log KB) 979.75 m
MPP(TVD KB) 522.18 m

Date/Time Gauge on Bottom 2012/07/22 14:11:00
Date/Time Gauge Off Bottom 2012/07/27 10:28:00
Time/Date Well Shut-In 2012/07/22 14:18:00

Tubing Pressure Initial 93.01 kPa(a)
Casing Pressure Initial 93.01 kPa(a)
Tubing Pressure: Final 93.01 kPa(a)
Casing Pressure: Final 93.01 kPa(a)

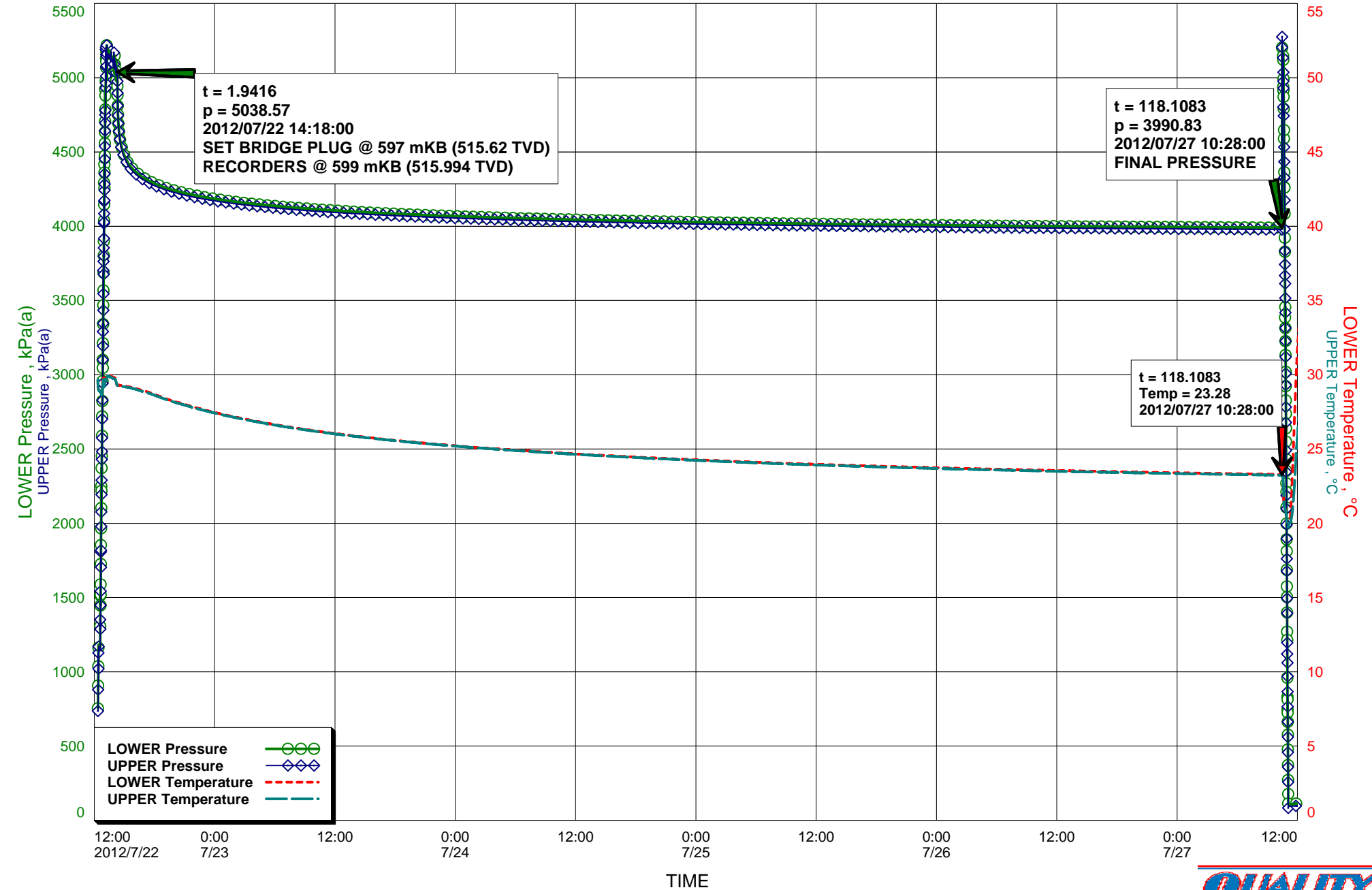
Last Measured Pressure at Run Depth 3990.83 kPa(a)
Reservoir Temperature 23.28 °C

Service Company Quality Wireline Services Ltd.
Representative MIKE MUIR
Prepared By DOLLCO Well Data Services
Qualified By RICK DOLL
Report Date 2012/07/31

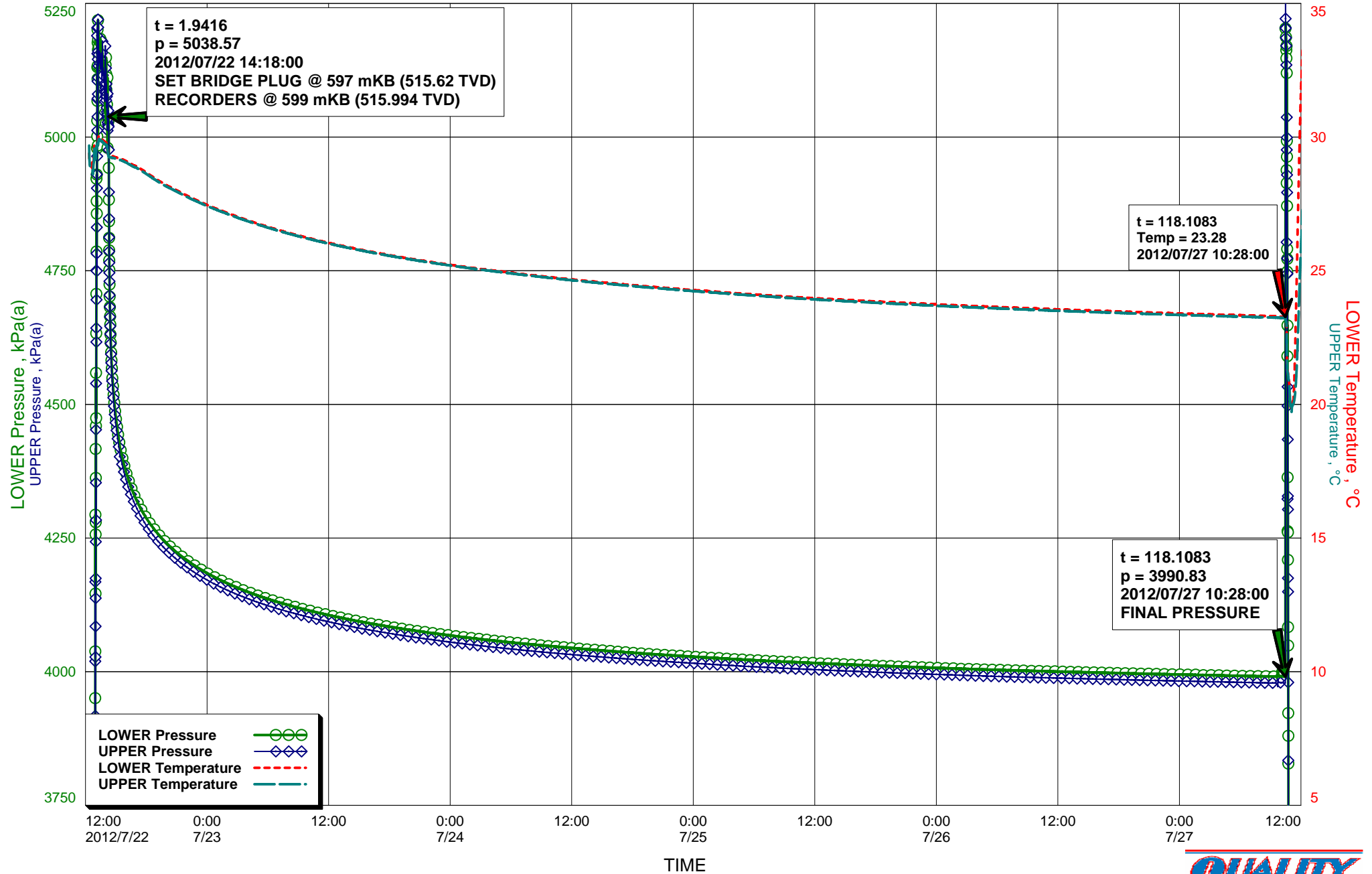
RECORDERS RUN & PULLED BELOW A BRIDGE PLUG WITH PIPE



RAW DOWNHOLE DATA



RAW DOWNHOLE DATA



Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	103/02-19-016-27W1/00
Well Name	TUNDRA BIRDTAIL (4C-20) HZ 2C-19-16-27
Formation	BAKKEN
Start Test Date	2012/07/22
Final Test Date	2012/07/27

Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	40410	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	599.00 m	Gauge Model	KC2 STRAIN
Date of Last Calibration	2011/02/25	Maximum Recorder Range	41370.00 kPa
Gauge Start Date	2012/07/22	Gauge Start Time	12:21:30
Gauge Stop Date	2012/07/28	Gauge Stop Time	08:49:00
Date Gauge On Bottom	2012/07/22	Time Gauge On Bottom	14:11:00
Date Gauge Off Bottom	2012/07/27	Time Gauge Off Bottom	10:28:00

Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	40381	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	598.70 m	Gauge Model	KC2 STRAIN
Date of Last Calibration	2011/02/25	Maximum Recorder Range	41370.00 kPa
Gauge Start Date	2012/07/22	Gauge Start Time	12:21:30
Gauge Stop Date	2012/07/28	Gauge Stop Time	08:49:00
Date Gauge On Bottom	2012/07/22	Time Gauge On Bottom	14:11:00
Date Gauge Off Bottom	2012/07/27	Time Gauge Off Bottom	10:28:00

TUNDRA OIL & GAS PARTNERSHIP

103/02-19-016-27W1/00

Start Test Date: 2012/07/22

Final Test Date: 2012/07/27

TUNDRA BIRDTAIL (4C-20) HZ 2C-19-16-27

Formation: BAKKEN

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	2012/07/22	12:21:30	0.0000	753.10	29.39	0.0000	736.81	29.68
2	2012/07/22	12:21:30	0.0000	RIH, ACTIVATE RECORDERS S/N: 40410(L) & 40381(U)				
3	2012/07/22	12:22:00	0.0083	753.41	29.30	0.0083	736.00	29.48
4	2012/07/22	13:21:00	0.9916	5166.00	30.03	0.9916	5147.88	29.93
5	2012/07/22	14:11:00	1.8250	5043.32	29.45	1.8250	5012.34	29.48
6	2012/07/22	14:11:00	1.8250	RECORDERS @ 599 mKBMD (515.994 TVD)				
7	2012/07/22	14:11:30	1.8333	5041.23	29.42	1.8333	5027.25	29.44
8	2012/07/22	14:18:00	1.9416	5038.57	29.31	1.9416	5018.63	29.27
9	2012/07/22	14:18:00	1.9416	SET BRIDGE PLUG @ 597 mKBMD (515.62 TVD)				
10	2012/07/22	14:18:30	1.9500	4942.37	29.31	1.9500	4976.26	29.27
11	2012/07/22	14:20:00	1.9750	4811.39	29.31	1.9750	4812.65	29.26
12	2012/07/22	15:20:00	2.9750	4429.58	29.20	2.9750	4415.52	29.15
13	2012/07/22	16:20:00	3.9750	4353.73	29.04	3.9750	4339.28	28.98
14	2012/07/22	17:20:00	4.9750	4309.47	28.84	4.9750	4295.31	28.78
15	2012/07/22	18:20:00	5.9750	4277.83	28.59	5.9750	4264.53	28.54
16	2012/07/22	19:20:00	6.9750	4253.82	28.34	6.9750	4240.42	28.30
17	2012/07/22	20:20:00	7.9750	4234.51	28.14	7.9750	4221.09	28.09
18	2012/07/22	21:20:00	8.9750	4217.83	27.94	8.9750	4204.82	27.90
19	2012/07/22	22:20:00	9.9750	4203.96	27.75	9.9750	4191.06	27.71
20	2012/07/22	23:20:00	10.9750	4191.71	27.58	10.9750	4178.73	27.54
21	2012/07/23	00:20:00	11.9750	4180.90	27.41	11.9750	4167.94	27.37
22	2012/07/23	01:20:00	12.9750	4171.08	27.26	12.9750	4158.45	27.22
23	2012/07/23	02:20:00	13.9750	4162.39	27.12	13.9750	4149.52	27.08
24	2012/07/23	03:20:00	14.9750	4154.60	26.98	14.9750	4141.69	26.94
25	2012/07/23	04:20:00	15.9750	4146.99	26.85	15.9750	4134.40	26.81
26	2012/07/23	05:20:00	16.9750	4140.31	26.72	16.9750	4127.68	26.69
27	2012/07/23	06:20:00	17.9750	4133.94	26.60	17.9750	4121.66	26.58
28	2012/07/23	07:20:00	18.9750	4128.42	26.49	18.9750	4115.73	26.46
29	2012/07/23	08:20:00	19.9750	4123.18	26.39	19.9750	4110.42	26.36
30	2012/07/23	09:20:00	20.9750	4118.01	26.29	20.9750	4105.53	26.26
31	2012/07/23	10:20:00	21.9750	4113.35	26.20	21.9750	4100.83	26.17
32	2012/07/23	11:20:00	22.9750	4108.88	26.10	22.9750	4096.15	26.07
33	2012/07/23	12:20:00	23.9750	4104.35	26.02	23.9750	4091.95	25.99
34	2012/07/23	13:20:00	24.9750	4100.66	25.93	24.9750	4087.82	25.90
35	2012/07/23	14:20:00	25.9750	4096.75	25.85	25.9750	4084.19	25.83
36	2012/07/23	15:20:00	26.9750	4092.99	25.77	26.9750	4080.52	25.75
37	2012/07/23	16:20:00	27.9750	4089.29	25.70	27.9750	4076.96	25.68
38	2012/07/23	17:20:00	28.9750	4086.16	25.63	28.9750	4074.01	25.61
39	2012/07/23	18:20:00	29.9750	4082.93	25.56	29.9750	4070.71	25.54
40	2012/07/23	19:20:00	30.9750	4079.95	25.50	30.9750	4067.67	25.48

LOWER Serial Number: 40410 Start Date: 2012/07/22 12:21:30 Run Depth: 599.00

UPPER Serial Number: 40381 Start Date: 2012/07/22 12:21:30 Run Depth: 598.70

Print Filter: Print every 120th point

TUNDRA OIL & GAS PARTNERSHIP

103/02-19-016-27W1/00

Start Test Date: 2012/07/22

Final Test Date: 2012/07/27

TUNDRA BIRDTAIL (4C-20) HZ 2C-19-16-27

Formation: BAKKEN

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	2012/07/23	20:20:00	31.9750	4077.13	25.43	31.9750	4064.93	25.41
42	2012/07/23	21:20:00	32.9750	4074.61	25.37	32.9750	4061.97	25.35
43	2012/07/23	22:20:00	33.9750	4071.92	25.31	33.9750	4059.66	25.29
44	2012/07/23	23:20:00	34.9750	4069.53	25.26	34.9750	4057.05	25.24
45	2012/07/24	00:20:00	35.9750	4066.97	25.20	35.9750	4054.59	25.18
46	2012/07/24	01:20:00	36.9750	4064.61	25.15	36.9750	4052.24	25.13
47	2012/07/24	02:20:00	37.9750	4062.27	25.10	37.9750	4049.75	25.07
48	2012/07/24	03:20:00	38.9750	4060.04	25.05	38.9750	4047.77	25.02
49	2012/07/24	04:20:00	39.9750	4058.12	25.01	39.9750	4045.86	24.98
50	2012/07/24	05:20:00	40.9750	4056.09	24.96	40.9750	4043.72	24.93
51	2012/07/24	06:20:00	41.9750	4053.94	24.91	41.9750	4041.86	24.88
52	2012/07/24	07:20:00	42.9750	4052.48	24.87	42.9750	4039.93	24.84
53	2012/07/24	08:20:00	43.9750	4050.53	24.82	43.9750	4038.47	24.80
54	2012/07/24	09:20:00	44.9750	4048.36	24.78	44.9750	4036.18	24.76
55	2012/07/24	10:20:00	45.9750	4047.11	24.74	45.9750	4034.81	24.71
56	2012/07/24	11:20:00	46.9750	4045.59	24.70	46.9750	4033.07	24.67
57	2012/07/24	12:20:00	47.9750	4043.59	24.66	47.9750	4031.18	24.63
58	2012/07/24	13:20:00	48.9750	4042.26	24.62	48.9750	4030.00	24.59
59	2012/07/24	14:20:00	49.9750	4040.62	24.59	49.9750	4028.31	24.56
60	2012/07/24	15:20:00	50.9750	4039.30	24.55	50.9750	4026.92	24.52
61	2012/07/24	16:20:00	51.9750	4037.84	24.52	51.9750	4025.59	24.49
62	2012/07/24	17:20:00	52.9750	4036.15	24.48	52.9750	4023.98	24.45
63	2012/07/24	18:20:00	53.9750	4035.00	24.45	53.9750	4022.59	24.42
64	2012/07/24	19:20:00	54.9750	4033.88	24.42	54.9750	4021.54	24.38
65	2012/07/24	20:20:00	55.9750	4032.28	24.38	55.9750	4020.16	24.35
66	2012/07/24	21:20:00	56.9750	4031.02	24.35	56.9750	4018.83	24.32
67	2012/07/24	22:20:00	57.9750	4029.91	24.32	57.9750	4017.65	24.29
68	2012/07/24	23:20:00	58.9750	4028.92	24.30	58.9750	4016.53	24.25
69	2012/07/25	00:20:00	59.9750	4027.55	24.27	59.9750	4015.27	24.23
70	2012/07/25	01:20:00	60.9750	4026.46	24.24	60.9750	4014.27	24.20
71	2012/07/25	02:20:00	61.9750	4025.38	24.21	61.9750	4013.10	24.17
72	2012/07/25	03:20:00	62.9750	4024.14	24.18	62.9750	4011.95	24.14
73	2012/07/25	04:20:00	63.9750	4023.27	24.16	63.9750	4010.87	24.12
74	2012/07/25	05:20:00	64.9750	4021.99	24.13	64.9750	4010.07	24.09
75	2012/07/25	06:20:00	65.9750	4021.00	24.10	65.9750	4008.91	24.06
76	2012/07/25	07:20:00	66.9750	4020.13	24.08	66.9750	4007.91	24.04
77	2012/07/25	08:20:00	67.9750	4019.49	24.05	67.9750	4007.03	24.01
78	2012/07/25	09:20:00	68.9750	4018.55	24.03	68.9750	4006.21	23.99
79	2012/07/25	10:20:00	69.9750	4017.69	24.01	69.9750	4005.26	23.96
80	2012/07/25	11:20:00	70.9750	4016.52	23.98	70.9750	4004.43	23.94

LOWER Serial Number: 40410 Start Date: 2012/07/22 12:21:30 Run Depth: 599.00

UPPER Serial Number: 40381 Start Date: 2012/07/22 12:21:30 Run Depth: 598.70

Print Filter: Print every 120th point

TUNDRA OIL & GAS PARTNERSHIP

103/02-19-016-27W1/00

Start Test Date: 2012/07/22

Final Test Date: 2012/07/27

TUNDRA BIRDTAIL (4C-20) HZ 2C-19-16-27

Formation: BAKKEN

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	2012/07/25	12:20:00	71.9750	4016.01	23.96	71.9750	4003.46	23.92
82	2012/07/25	13:20:00	72.9750	4014.89	23.94	72.9750	4002.83	23.90
83	2012/07/25	14:20:00	73.9750	4014.34	23.92	73.9750	4001.70	23.88
84	2012/07/25	15:20:00	74.9750	4013.35	23.90	74.9750	4001.17	23.86
85	2012/07/25	16:20:00	75.9750	4012.78	23.88	75.9750	4000.22	23.83
86	2012/07/25	17:20:00	76.9750	4011.83	23.86	76.9750	3999.56	23.82
87	2012/07/25	18:20:00	77.9750	4010.88	23.84	77.9750	3998.82	23.80
88	2012/07/25	19:20:00	78.9750	4010.26	23.82	78.9750	3997.96	23.77
89	2012/07/25	20:20:00	79.9750	4009.79	23.81	79.9750	3997.38	23.76
90	2012/07/25	21:20:00	80.9750	4008.95	23.79	80.9750	3996.92	23.74
91	2012/07/25	22:20:00	81.9750	4008.15	23.77	81.9750	3995.86	23.72
92	2012/07/25	23:20:00	82.9750	4007.66	23.76	82.9750	3995.38	23.70
93	2012/07/26	00:20:00	83.9750	4006.79	23.74	83.9750	3994.61	23.68
94	2012/07/26	01:20:00	84.9750	4006.40	23.72	84.9750	3994.21	23.67
95	2012/07/26	02:20:00	85.9750	4005.79	23.70	85.9750	3993.32	23.65
96	2012/07/26	03:20:00	86.9750	4004.96	23.69	86.9750	3992.66	23.63
97	2012/07/26	04:20:00	87.9750	4004.42	23.67	87.9750	3992.28	23.62
98	2012/07/26	05:20:00	88.9750	4003.47	23.66	88.9750	3991.62	23.60
99	2012/07/26	06:20:00	89.9750	4003.16	23.64	89.9750	3991.01	23.59
100	2012/07/26	07:20:00	90.9750	4002.33	23.62	90.9750	3990.52	23.57
101	2012/07/26	08:20:00	91.9750	4002.10	23.61	91.9750	3989.82	23.56
102	2012/07/26	09:20:00	92.9750	4001.66	23.60	92.9750	3989.32	23.54
103	2012/07/26	10:20:00	93.9750	4001.12	23.58	93.9750	3988.80	23.52
104	2012/07/26	11:20:00	94.9750	4000.69	23.57	94.9750	3988.21	23.51
105	2012/07/26	12:20:00	95.9750	4000.17	23.55	95.9750	3987.73	23.49
106	2012/07/26	13:20:00	96.9750	3999.37	23.54	96.9750	3987.34	23.48
107	2012/07/26	14:20:00	97.9750	3999.07	23.52	97.9750	3987.03	23.47
108	2012/07/26	15:20:00	98.9750	3998.56	23.51	98.9750	3986.55	23.46
109	2012/07/26	16:20:00	99.9750	3997.95	23.50	99.9750	3985.86	23.44
110	2012/07/26	17:20:00	100.9750	3997.81	23.49	100.9750	3985.49	23.43
111	2012/07/26	18:20:00	101.9750	3996.83	23.47	101.9750	3984.86	23.42
112	2012/07/26	19:20:00	102.9750	3996.67	23.46	102.9750	3984.50	23.40
113	2012/07/26	20:20:00	103.9750	3996.21	23.45	103.9750	3984.17	23.39
114	2012/07/26	21:20:00	104.9750	3995.60	23.43	104.9750	3983.58	23.38
115	2012/07/26	22:20:00	105.9750	3995.36	23.42	105.9750	3983.18	23.37
116	2012/07/26	23:20:00	106.9750	3994.90	23.41	106.9750	3982.97	23.36
117	2012/07/27	00:20:00	107.9750	3994.52	23.40	107.9750	3982.45	23.34
118	2012/07/27	01:20:00	108.9750	3994.18	23.39	108.9750	3982.02	23.33
119	2012/07/27	02:20:00	109.9750	3993.95	23.38	109.9750	3981.59	23.32
120	2012/07/27	03:20:00	110.9750	3993.39	23.37	110.9750	3981.18	23.31

LOWER Serial Number: 40410 Start Date: 2012/07/22 12:21:30 Run Depth: 599.00

UPPER Serial Number: 40381 Start Date: 2012/07/22 12:21:30 Run Depth: 598.70

Print Filter: Print every 120th point

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	2012/07/27	04:20:00	111.9750	3992.84	23.35	111.9750	3980.83	23.30
122	2012/07/27	05:20:00	112.9750	3992.50	23.34	112.9750	3980.29	23.29
123	2012/07/27	06:20:00	113.9750	3992.23	23.33	113.9750	3979.86	23.28
124	2012/07/27	07:20:00	114.9750	3991.49	23.32	114.9750	3979.50	23.27
125	2012/07/27	08:20:00	115.9750	3991.36	23.31	115.9750	3979.14	23.26
126	2012/07/27	09:20:00	116.9750	3990.83	23.30	116.9750	3978.73	23.25
127	2012/07/27	10:20:00	117.9750	3990.89	23.28	117.9750	3978.93	23.23
128	2012/07/27	10:28:00	118.1083	3990.83	23.28	118.1083	3978.75	23.23
129	2012/07/27	10:28:00	118.1083	FINAL PRESSURE, UNSETTING BRIDGE PLUG				
130	2012/07/27	10:28:30	118.1166	5203.19	23.28	118.1166	5275.21	23.24
131	2012/07/27	10:29:00	118.1250	5214.95	23.22	118.1250	5204.48	23.20
132	2012/07/27	10:29:00	118.1250	BRIDGE PLUG UNSET.				
133	2012/07/27	10:29:30	118.1333	5208.67	23.17	118.1333	5221.50	23.17
134	2012/07/27	10:35:00	118.2250	5170.24	23.03	118.2250	5149.24	23.03
135	2012/07/27	10:35:00	118.2250	TOOLS PULLED FROM WELL WITH TUBING				
136	2012/07/27	10:35:30	118.2333	4938.06	22.88	118.2333	4803.34	22.92
137	2012/07/27	11:15:00	118.8916	106.85	20.14	118.8916	94.93	20.02
138	2012/07/27	11:15:00	118.8916	RECORDERS AT SURFACE				
139	2012/07/27	11:15:30	118.9000	107.01	20.17	118.9000	94.94	20.03
140	2012/07/27	11:18:00	118.9416	107.71	20.41	118.9416	95.17	20.09
141	2012/07/27	12:18:00	119.9416	113.56	35.01	119.9416	98.08	28.83
142	2012/07/27	13:18:00	120.9416	114.65	39.94	120.9416	98.70	35.30
143	2012/07/27	14:18:00	121.9416	116.95	45.58	121.9416	101.19	46.86
144	2012/07/27	15:18:00	122.9416	117.47	49.33	122.9416	102.84	50.98
145	2012/07/27	16:18:00	123.9416	117.80	49.78	123.9416	102.71	50.66
146	2012/07/27	17:18:00	124.9416	116.95	46.54	124.9416	102.06	47.72
147	2012/07/27	18:18:00	125.9416	112.01	37.06	125.9416	98.12	38.11
148	2012/07/27	19:18:00	126.9416	114.64	38.21	126.9416	100.31	38.85
149	2012/07/27	20:18:00	127.9416	113.88	37.57	127.9416	99.38	38.08
150	2012/07/27	21:18:00	128.9416	110.62	32.95	128.9416	96.60	33.29
151	2012/07/27	22:18:00	129.9416	107.18	25.88	129.9416	94.37	26.80
152	2012/07/27	23:18:00	130.9416	105.44	22.72	130.9416	93.47	23.54
153	2012/07/28	00:18:00	131.9416	104.88	21.18	131.9416	93.04	21.90
154	2012/07/28	01:18:00	132.9416	104.65	20.33	132.9416	92.84	20.93
155	2012/07/28	02:18:00	133.9416	104.34	19.74	133.9416	93.02	20.32
156	2012/07/28	03:18:00	134.9416	104.65	19.15	134.9416	93.14	19.67
157	2012/07/28	04:18:00	135.9416	104.54	18.86	135.9416	93.24	19.37
158	2012/07/28	05:18:00	136.9416	104.67	18.86	136.9416	93.64	19.24
159	2012/07/28	06:18:00	137.9416	105.29	19.17	137.9416	94.11	19.47
160	2012/07/28	07:18:00	138.9416	106.24	20.05	138.9416	94.94	20.43

LOWER Serial Number: 40410 Start Date: 2012/07/22 12:21:30 Run Depth: 599.00

UPPER Serial Number: 40381 Start Date: 2012/07/22 12:21:30 Run Depth: 598.70

Print Filter: Print every 120th point



DATE: July 22 - 27, 2012	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Tundra Birdtail (4-20) Hz 02-19-16-27 WPM	ADDRESS: Virden, MB
LOCATION: 4-20-2-19-16-27 WPM	UWI: 103.02-19-016-27W1.00
FIELD: Birdtail	FORMATION: Bakken
CO HQ REP: Chris Perkins	PHONE: 204-851-2146
FIELD REP: Brent Flannery	PHONE: 204-851-5013
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 Chris Perkins - chris.perkins@tundraoilandgas.com	

STATUS: oil well (completion)		TEST TYPE: build up
ESTIMATED H2S CONTENT: 0%		ESTIMATED CO2 CONTENT: 0%
PRODUCING THROUGH: tubing		SHUT IN TIME/DATE: 14:18 July 22/12
KOP: 324.00 mKB	TVD: ds included	LICENCE #: 8818
PBTD: n/a	TD: 1312.0 mKB	WELL TYPE: horizontal
CASING SIZE: 177.8 mm	CSG WEIGHT: 34.23 & 29.76	CSG DEPTH: 647.50 mKB
TUBING SIZE: none	TBG WEIGHT: none	TBG DEPTH: none
Elevations KB: 480.74 m	GRD: 476.64 m	CF: 476.69 m

PRODUCING INTERVAL

TYPE: open hole	SIZE: 159 mm	INTERVAL: 647.5 - 1312.0 mKB
-----------------	--------------	------------------------------

RECORDER INFORMATION

TOP S/N: 40381	FILE NAME: 4-20-2-19-16-27W1	RANGE: 41,370 kpa
BOTTOM S/N: 40410	FILE NAME: 4-20-2-19-16-27W1	RANGE: 41,370 kpa
TOP BATTERY S/N: n/a	BOTTOM BATTERY S/N: n/a	
CONNECT TIME: 12:20 July 22/12	DISCONNECT TIME: 08:53 July 28/12	

SURFACE TEMP: 18 C	LEASE CONDITION: good
WIRELINE OPERATOR: Mike Muir	PHONE: 306-421-7330
WIRELINE ASSISTANT: n/a	
DIRECTIONS: From Junction of 41 & 42: 4.6 km east on 42, 10.3 km south and east on grid 568, 0.1 km north, east into well.	

DWG WELL HEAD PRESSURES:

TUBING (before survey): 0 kpa	CASING (before survey): 0 kpa
TUBING (after survey): 0 kpa	CASING (after survey): 0 kpa

FLUID LEVEL: n/a	RUN DEPTH: 599 mKB
TIME ON BOTTOM: 14:11 July 22/12	TIME OFF BOTTOM: 10:35 July 27/12

GRADIENT STOPS

DEPTH mKB:	n/a	FROM:	n/a	UNTIL:	n/a
------------	-----	-------	-----	--------	-----

COMMENTS: These recorders were run and pulled below a bridge plug with pipe.
--

DESCRIPTION OF WORK DONE: July 22, 2012 12:20 - the 41 mPa KC-2 recorders were set to logging mode by a pressure
--

trigger while being run into the well by a drilling rig.

14:11 - the recorders were at 599 mKB.

14:18 - the bridge plug was set at 597 mKB (recorders at 599 mKB), the plug was released and the drill pipe was pulled and laid down.

July 27, 2012

10:28 - a service rig had run tubing into the well, latched onto, and was preparing to unset the bridge plug.

10:29 - the bridge plug was unset.

10:35 - the tools were pulled from the well with the tubing.

11:15 - the recorders were at surface.

July 28, 2012

08:53 - the recorders were downloaded.



Company Name	TUNDRA OIL & GAS LTD.
Well Name	BIRDTAIL UNIT NO. 2 WIW
Unique Well ID	100/04-20-016-27W1/0
Formation	BAKKEN
Well License Number	4785
Test Type	Injection and Falloff
Start Test Date	2012/06/11
Final Test Date	2012/06/27

Prepared By	Pam Cruickshank
Report Date	2012/06/29

Pure Energy Services Ltd.
10th Floor, 333 - 11th Avenue SW, Calgary, Alberta T2R 1L9
Phone: 403-262-4000 Fax: 403-237-9731
www.pure-energy.ca

Well Information

Company Name TUNDRA OIL & GAS LTD.

Well Name BIRDTAIL UNIT NO. 2 WIW

Contact MURRAY STEWART

Surface Location 04-20-016-17W1

Unique Well ID 100/04-20-016-27W1/0

Well Type Vertical

Well Fluid Type 06 Water

H2S Indicator No

KB Elevation (SL) 480.97 m

GL Elevation (SL) 477.17 m

CF Elevation (SL) 477.17 m

KB-GL Offset 3.80 m

KB-CF Offset 3.80 m

Formation BAKKEN

Top(Log KB) 518.10 m **Bottom(Log KB)** 520.60 m

Top(TVD KB) 518.10 m **Bottom(TVD KB)** 520.60 m

Test Information

Test Type Injection and Falloff

Test Purpose Annual Pressure

Start Test Date 2012/06/11 09:45:00

Final Test Date 2012/06/27 11:39:55

Date Well Shut-In 2012/06/11 10:42:35

Tubing OD 60.3 mm

Tubing ID 50.7 mm

Tubing Depth(Log KB) 516.70000 m

Tubing Depth(TVD KB) 516.70000 m

Tubing Pressure: Initial 93.00 kPa(a)

Tubing Pressure: Final 518.00 kPa(a)

Casing OD 114.3 mm

Casing ID 103.9 mm

Casing Depth(Log KB) 547.00000 m

Casing Depth(TVD KB) 547.00000 m

Packer Depth(Log KB) m

Packer Depth(TVD KB) m

Casing Pressure: Initial 93.00 kPa(a)

Casing Pressure: Final 102.00 kPa(a)

PBTD(Log KB) 546.00 m

PBTD(TVD KB) 546.00 m

Representative Kent Dowhanuik

Prepared By Pam Cruickshank

Qualified By Cory Strang

Report Date 2012/06/29

Test Results

Gauge Serial Number

80013

Run Depth (Log KB)

520.50 m

Run Depth (TVD KB)

520.50 m

Pressure at Stop Depth

5756.54 kPa(a)

MPP Depth

519.35 m

Representative Pressure at MPP

5744.86 kPa(a)

Reservoir Temperature

15.47 °C

Remarks

For AB wells, the Interval (Log Depth mKB) must match the GCI Interval in the Petroleum Registry for a successful submission

Recorder

Company Name TUNDRA OIL & GAS LTD.
 Unique Well ID 100/04-20-016-27W1/0
 Start Test Date 2012/06/11
 Final Test Date 2012/06/27

Well Name BIRDTAIL UNIT NO. 2 WIW
 Formation BAKKEN

Gauge Name Bottom
 Gauge Serial Number 80013
 Run Depth (TVD KB) 520.50
 Date of Last Calibration 2011/08/01
 Gauge Start Date 2012/06/11
 Gauge Stop Date 2012/06/27
 Date Gauge On Bottom 2012/06/11
 Date Gauge Off Bottom 2012/06/27

Gauge Type Strain
 Gauge Manufacturer Spartek Systems
 Gauge Model SS2552
 Maximum Recorder Range 41370.00
 Gauge Start Time 09:45:00
 Gauge Stop Time 11:39:55
 Time Gauge On Bottom 10:34:35
 Time Gauge Off Bottom 10:46:55

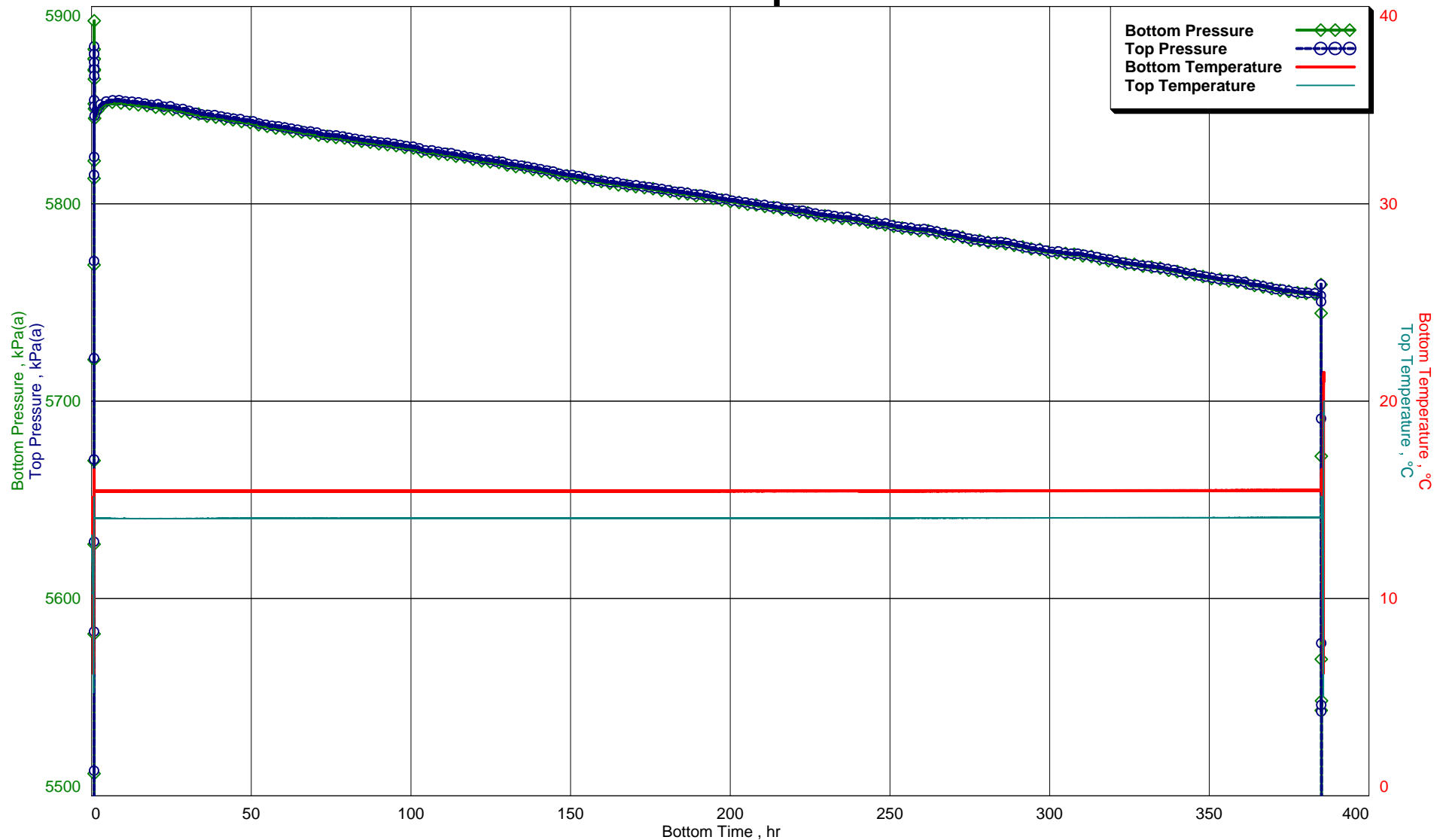
Gauge Name Top
 Gauge Serial Number 80355
 Run Depth (TVD KB) 520.25
 Date of Last Calibration 2011/08/01
 Gauge Start Date 2012/06/11
 Gauge Stop Date 2012/06/27
 Date Gauge On Bottom 2012/06/11
 Date Gauge Off Bottom 2012/06/27

Gauge Type Strain
 Gauge Manufacturer Spartek Systems
 Gauge Model SS2552
 Maximum Recorder Range 41370.00
 Gauge Start Time 09:45:00
 Gauge Stop Time 11:39:55
 Time Gauge On Bottom 10:34:35
 Time Gauge Off Bottom 10:46:55

TUNDRA OIL & GAS LTD.
100/04-20-016-27W1/0
Start Test Date: 2012/06/11
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
Formation: BAKKEN

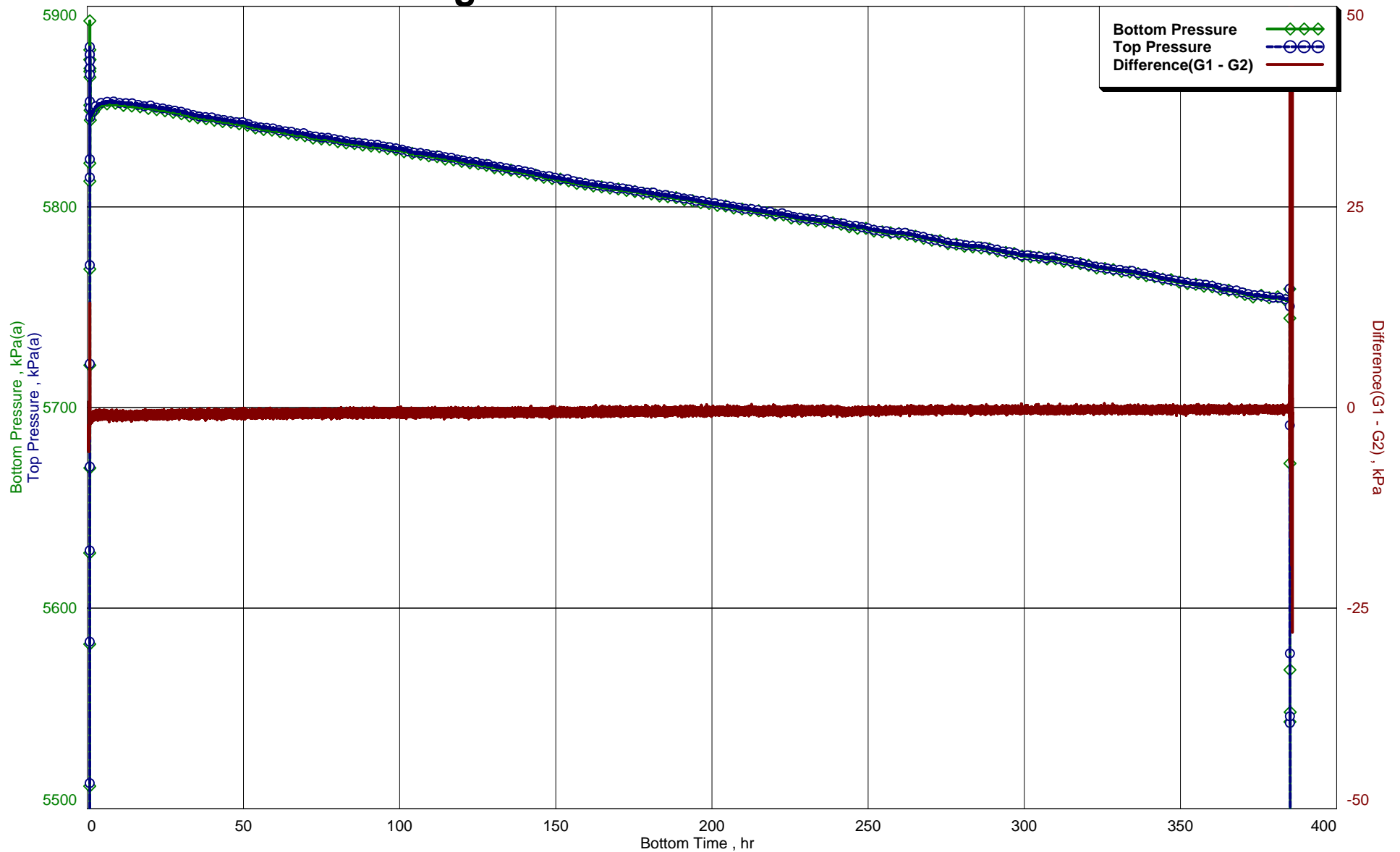
Pressure and Temperature Plot



TUNDRA OIL & GAS LTD.
100/04-20-016-27W1/0
Start Test Date: 2012/06/11
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
Formation: BAKKEN

Gague Pressure Differential Plot



Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
1	2012/06/11 09:45:00	0.0000	111.68	14.73	-2.43	0.0000	114.11	13.02
2	2012/06/11 10:09:25	0.4069	110.25	12.15	-4.68	0.4069	114.93	10.65
3	2012/06/11 10:34:25	0.8236	5878.31	15.64	-0.98	0.8236	5879.29	14.24
4	2012/06/11 10:34:35	0.8264	5882.08	15.59	4.62	0.8264	5877.46	14.21
5	Landed Tandem Spartek electronic recorders @ 520.5 m KB.							
6	2012/06/11 10:34:45	0.8292	5878.24	15.56	2.33	0.8292	5875.91	14.18
7	2012/06/11 10:42:25	0.9569	5845.55	15.46	-1.55	0.9569	5847.11	14.09
8	2012/06/11 10:42:35	0.9597	5843.27	15.46	-1.28	0.9597	5844.55	14.09
9	Shut well in for falloff.							
10								
11	2012/06/11 10:42:45	0.9625	5844.24	15.46	-1.18	0.9625	5845.41	14.09
12	2012/06/11 11:00:05	1.2514	5843.92	15.45	-1.38	1.2514	5845.31	14.07
13	2012/06/11 11:25:25	1.6736	5845.90	15.44	-1.23	1.6736	5847.12	14.07
14	2012/06/11 11:50:45	2.0958	5847.29	15.43	-1.36	2.0958	5848.66	14.07
15	2012/06/11 12:16:05	2.5181	5848.30	15.44	-1.30	2.5181	5849.60	14.06
16	2012/06/11 12:41:25	2.9403	5849.39	15.43	-0.74	2.9403	5850.13	14.06
17	2012/06/11 13:06:45	3.3625	5849.51	15.43	-1.60	3.3625	5851.11	14.06
18	2012/06/11 13:32:05	3.7847	5850.18	15.43	-1.06	3.7847	5851.24	14.06
19	2012/06/11 13:57:25	4.2069	5850.24	15.43	-1.27	4.2069	5851.52	14.06
20	2012/06/11 14:22:45	4.6292	5850.80	15.43	-0.92	4.6292	5851.72	14.05
21	2012/06/11 14:48:05	5.0514	5850.98	15.43	-0.98	5.0514	5851.96	14.05
22	2012/06/11 15:13:25	5.4736	5851.17	15.43	-1.04	5.4736	5852.21	14.05
23	2012/06/11 15:38:45	5.8958	5851.26	15.43	-0.78	5.8958	5852.05	14.05
24	2012/06/11 16:04:05	6.3181	5851.38	15.43	-0.90	6.3181	5852.29	14.05
25	2012/06/11 16:29:25	6.7403	5851.35	15.43	-1.11	6.7403	5852.46	14.05
26	2012/06/11 16:54:45	7.1625	5851.34	15.43	-1.05	7.1625	5852.39	14.05
27	2012/06/11 17:20:05	7.5847	5851.44	15.43	-1.33	7.5847	5852.77	14.05
28	2012/06/11 17:45:25	8.0069	5851.28	15.43	-1.07	8.0069	5852.35	14.05
29	2012/06/11 18:10:45	8.4292	5851.41	15.43	-0.89	8.4292	5852.30	14.05
30	2012/06/11 18:36:05	8.8514	5851.13	15.43	-1.38	8.8514	5852.51	14.05
31	2012/06/11 19:01:25	9.2736	5851.21	15.43	-1.06	9.2736	5852.26	14.04
32	2012/06/11 19:26:45	9.6958	5851.45	15.43	-0.79	9.6958	5852.25	14.05
33	2012/06/11 19:52:05	10.1181	5851.28	15.43	-0.82	10.1181	5852.10	14.05
34	2012/06/11 20:17:25	10.5403	5851.11	15.43	-0.92	10.5403	5852.03	14.05
35	2012/06/11 20:42:45	10.9625	5850.96	15.43	-1.05	10.9625	5852.01	14.04
36	2012/06/11 21:08:05	11.3847	5850.87	15.43	-0.93	11.3847	5851.81	14.05
37	2012/06/11 21:33:25	11.8069	5850.84	15.43	-0.96	11.8069	5851.80	14.05
38	2012/06/11 21:58:45	12.2292	5850.98	15.43	-0.79	12.2292	5851.78	14.05
39	2012/06/11 22:24:05	12.6514	5850.59	15.43	-1.16	12.6514	5851.75	14.05
40	2012/06/11 22:49:25	13.0736	5850.51	15.43	-1.28	13.0736	5851.79	14.05
41	2012/06/11 23:14:45	13.4958	5850.30	15.43	-1.03	13.4958	5851.33	14.05
42	2012/06/11 23:40:05	13.9181	5850.60	15.43	-0.82	13.9181	5851.42	14.04
43	2012/06/12 00:05:25	14.3403	5850.60	15.43	-0.87	14.3403	5851.48	14.05
44	2012/06/12 00:30:45	14.7625	5850.44	15.43	-1.04	14.7625	5851.48	14.05
45	2012/06/12 00:56:05	15.1847	5850.33	15.43	-0.76	15.1847	5851.09	14.05

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
46	2012/06/12 01:21:25	15.6069	5850.18	15.43	-0.91	15.6069	5851.08	14.05
47	2012/06/12 01:46:45	16.0292	5850.00	15.43	-1.11	16.0292	5851.11	14.05
48	2012/06/12 02:12:05	16.4514	5850.21	15.43	-0.76	16.4514	5850.97	14.05
49	2012/06/12 02:37:25	16.8736	5849.85	15.43	-1.23	16.8736	5851.07	14.05
50	2012/06/12 03:02:45	17.2958	5849.74	15.43	-1.06	17.2958	5850.81	14.05
51	2012/06/12 03:28:05	17.7181	5849.94	15.43	-0.40	17.7181	5850.34	14.05
52	2012/06/12 03:53:25	18.1403	5849.73	15.43	-0.83	18.1403	5850.57	14.05
53	2012/06/12 04:18:45	18.5625	5849.34	15.43	-1.07	18.5625	5850.41	14.05
54	2012/06/12 04:44:05	18.9847	5849.56	15.43	-0.74	18.9847	5850.30	14.04
55	2012/06/12 05:09:25	19.4069	5849.37	15.43	-1.13	19.4069	5850.50	14.05
56	2012/06/12 05:34:45	19.8292	5849.46	15.43	-0.71	19.8292	5850.17	14.05
57	2012/06/12 06:00:05	20.2514	5849.35	15.42	-0.89	20.2514	5850.24	14.05
58	2012/06/12 06:25:25	20.6736	5849.59	15.43	-0.61	20.6736	5850.20	14.05
59	2012/06/12 06:50:45	21.0958	5849.37	15.43	-0.81	21.0958	5850.18	14.04
60	2012/06/12 07:16:05	21.5181	5849.13	15.43	-0.75	21.5181	5849.87	14.05
61	2012/06/12 07:41:25	21.9403	5848.77	15.43	-1.34	21.9403	5850.11	14.05
62	2012/06/12 08:06:45	22.3625	5848.76	15.43	-0.66	22.3625	5849.41	14.05
63	2012/06/12 08:32:05	22.7847	5848.58	15.43	-0.94	22.7847	5849.51	14.05
64	2012/06/12 08:57:25	23.2069	5848.54	15.43	-0.73	23.2069	5849.26	14.04
65	2012/06/12 09:22:45	23.6292	5848.61	15.43	-0.56	23.6292	5849.18	14.05
66	2012/06/12 09:48:05	24.0514	5848.45	15.43	-0.95	24.0514	5849.39	14.05
67	2012/06/12 10:13:25	24.4736	5848.22	15.43	-0.99	24.4736	5849.21	14.05
68	2012/06/12 10:38:45	24.8958	5848.29	15.43	-0.92	24.8958	5849.22	14.05
69	2012/06/12 11:04:05	25.3181	5847.97	15.43	-0.92	25.3181	5848.89	14.05
70	2012/06/12 11:29:25	25.7403	5848.22	15.43	-0.68	25.7403	5848.91	14.05
71	2012/06/12 11:54:45	26.1625	5847.80	15.43	-1.11	26.1625	5848.92	14.05
72	2012/06/12 12:20:05	26.5847	5847.59	15.43	-1.11	26.5847	5848.70	14.05
73	2012/06/12 12:45:25	27.0069	5847.56	15.43	-0.47	27.0069	5848.03	14.05
74	2012/06/12 13:10:45	27.4292	5847.70	15.43	-0.65	27.4292	5848.34	14.05
75	2012/06/12 13:36:05	27.8514	5847.57	15.43	-0.58	27.8514	5848.15	14.05
76	2012/06/12 14:01:25	28.2736	5847.20	15.43	-1.12	28.2736	5848.32	14.05
77	2012/06/12 14:26:45	28.6958	5847.16	15.43	-0.75	28.6958	5847.90	14.05
78	2012/06/12 14:52:05	29.1181	5846.68	15.43	-1.24	29.1181	5847.92	14.04
79	2012/06/12 15:17:25	29.5403	5846.73	15.43	-0.95	29.5403	5847.68	14.05
80	2012/06/12 15:42:45	29.9625	5846.72	15.43	-0.84	29.9625	5847.56	14.05
81	2012/06/12 16:08:05	30.3847	5846.39	15.43	-1.10	30.3847	5847.49	14.05
82	2012/06/12 16:33:25	30.8069	5846.06	15.43	-1.14	30.8069	5847.19	14.05
83	2012/06/12 16:58:45	31.2292	5846.20	15.43	-0.72	31.2292	5846.93	14.05
84	2012/06/12 17:24:05	31.6514	5846.50	15.43	-0.83	31.6514	5847.33	14.05
85	2012/06/12 17:49:25	32.0736	5845.71	15.43	-0.98	32.0736	5846.69	14.05
86	2012/06/12 18:14:45	32.4958	5845.97	15.43	-0.36	32.4958	5846.32	14.05
87	2012/06/12 18:40:05	32.9181	5845.81	15.43	-0.57	32.9181	5846.37	14.05
88	2012/06/12 19:05:25	33.3403	5845.44	15.43	-0.92	33.3403	5846.36	14.05
89	2012/06/12 19:30:45	33.7625	5845.43	15.43	-0.50	33.7625	5845.94	14.05
90	2012/06/12 19:56:05	34.1847	5844.79	15.43	-1.01	34.1847	5845.79	14.05

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
91	2012/06/12 20:21:25	34.6069	5844.80	15.43	-0.91	34.6069	5845.72	14.05
92	2012/06/12 20:46:45	35.0292	5844.79	15.43	-0.85	35.0292	5845.64	14.05
93	2012/06/12 21:12:05	35.4514	5844.46	15.43	-1.09	35.4514	5845.55	14.05
94	2012/06/12 21:37:25	35.8736	5844.63	15.43	-0.63	35.8736	5845.26	14.05
95	2012/06/12 22:02:45	36.2958	5844.39	15.43	-0.83	36.2958	5845.22	14.05
96	2012/06/12 22:28:05	36.7181	5844.25	15.43	-0.99	36.7181	5845.24	14.05
97	2012/06/12 22:53:25	37.1403	5844.06	15.43	-1.19	37.1403	5845.25	14.05
98	2012/06/12 23:18:45	37.5625	5844.41	15.43	-0.39	37.5625	5844.81	14.05
99	2012/06/12 23:44:05	37.9847	5844.19	15.43	-0.62	37.9847	5844.81	14.05
100	2012/06/13 00:09:25	38.4069	5843.77	15.43	-1.04	38.4069	5844.81	14.05
101	2012/06/13 00:34:45	38.8292	5844.07	15.43	-0.70	38.8292	5844.77	14.05
102	2012/06/13 01:00:05	39.2514	5843.68	15.43	-1.17	39.2514	5844.84	14.05
103	2012/06/13 01:25:25	39.6736	5843.92	15.43	-0.79	39.6736	5844.71	14.05
104	2012/06/13 01:50:45	40.0958	5843.68	15.43	-0.84	40.0958	5844.52	14.05
105	2012/06/13 02:16:05	40.5181	5843.60	15.43	-0.78	40.5181	5844.37	14.05
106	2012/06/13 02:41:25	40.9403	5843.28	15.43	-0.79	40.9403	5844.06	14.05
107	2012/06/13 03:06:45	41.3625	5843.52	15.43	-0.63	41.3625	5844.15	14.05
108	2012/06/13 03:32:05	41.7847	5842.83	15.43	-1.15	41.7847	5843.99	14.05
109	2012/06/13 03:57:25	42.2069	5843.06	15.43	-0.72	42.2069	5843.78	14.05
110	2012/06/13 04:22:45	42.6292	5842.95	15.43	-0.46	42.6292	5843.41	14.05
111	2012/06/13 04:48:05	43.0514	5842.67	15.44	-1.02	43.0514	5843.69	14.05
112	2012/06/13 05:13:25	43.4736	5842.62	15.43	-0.77	43.4736	5843.40	14.05
113	2012/06/13 05:38:45	43.8958	5842.67	15.43	-0.75	43.8958	5843.42	14.05
114	2012/06/13 06:04:05	44.3181	5843.01	15.44	-0.40	44.3181	5843.41	14.05
115	2012/06/13 06:29:25	44.7403	5842.50	15.43	-0.77	44.7403	5843.27	14.05
116	2012/06/13 06:54:45	45.1625	5842.55	15.43	-0.61	45.1625	5843.16	14.05
117	2012/06/13 07:20:05	45.5847	5842.40	15.43	-0.59	45.5847	5842.99	14.05
118	2012/06/13 07:45:25	46.0069	5842.32	15.43	-0.75	46.0069	5843.07	14.05
119	2012/06/13 08:10:45	46.4292	5841.82	15.43	-0.89	46.4292	5842.71	14.05
120	2012/06/13 08:36:05	46.8514	5841.79	15.43	-0.77	46.8514	5842.56	14.05
121	2012/06/13 09:01:25	47.2736	5841.86	15.43	-0.81	47.2736	5842.67	14.05
122	2012/06/13 09:26:45	47.6958	5841.50	15.43	-0.79	47.6958	5842.29	14.05
123	2012/06/13 09:52:05	48.1181	5841.45	15.43	-0.75	48.1181	5842.20	14.05
124	2012/06/13 10:17:25	48.5403	5841.56	15.43	-0.56	48.5403	5842.12	14.05
125	2012/06/13 10:42:45	48.9625	5841.61	15.43	-0.58	48.9625	5842.19	14.05
126	2012/06/13 11:08:05	49.3847	5841.32	15.43	-0.46	49.3847	5841.79	14.06
127	2012/06/13 11:33:25	49.8069	5841.23	15.43	-0.72	49.8069	5841.95	14.05
128	2012/06/13 11:58:45	50.2292	5841.17	15.43	-0.67	50.2292	5841.84	14.05
129	2012/06/13 12:24:05	50.6514	5840.90	15.43	-0.92	50.6514	5841.82	14.05
130	2012/06/13 12:49:25	51.0736	5840.92	15.43	-0.64	51.0736	5841.56	14.05
131	2012/06/13 13:14:45	51.4958	5840.52	15.43	-0.94	51.4958	5841.46	14.05
132	2012/06/13 13:40:05	51.9181	5840.47	15.43	-0.93	51.9181	5841.40	14.05
133	2012/06/13 14:05:25	52.3403	5840.14	15.43	-1.05	52.3403	5841.19	14.06
134	2012/06/13 14:30:45	52.7625	5839.73	15.43	-1.11	52.7625	5840.84	14.06
135	2012/06/13 14:56:05	53.1847	5839.94	15.43	-0.52	53.1847	5840.46	14.05

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
136	2012/06/13 15:21:25	53.6069	5840.01	15.43	-0.46	53.6069	5840.47	14.06
137	2012/06/13 15:46:45	54.0292	5839.51	15.43	-1.11	54.0292	5840.62	14.06
138	2012/06/13 16:12:05	54.4514	5839.54	15.43	-0.96	54.4514	5840.50	14.05
139	2012/06/13 16:37:25	54.8736	5839.44	15.43	-0.72	54.8736	5840.15	14.06
140	2012/06/13 17:02:45	55.2958	5839.45	15.43	-0.47	55.2958	5839.92	14.05
141	2012/06/13 17:28:05	55.7181	5838.38	15.44	-1.15	55.7181	5839.53	14.05
142	2012/06/13 17:53:25	56.1403	5838.94	15.44	-0.55	56.1403	5839.49	14.05
143	2012/06/13 18:18:45	56.5625	5838.91	15.43	-0.51	56.5625	5839.41	14.05
144	2012/06/13 18:44:05	56.9847	5838.73	15.44	-0.96	56.9847	5839.69	14.05
145	2012/06/13 19:09:25	57.4069	5838.78	15.43	-0.81	57.4069	5839.59	14.05
146	2012/06/13 19:34:45	57.8292	5838.89	15.43	-0.36	57.8292	5839.25	14.05
147	2012/06/13 20:00:05	58.2514	5838.53	15.44	-0.79	58.2514	5839.31	14.05
148	2012/06/13 20:25:25	58.6736	5838.86	15.44	-0.24	58.6736	5839.10	14.06
149	2012/06/13 20:50:45	59.0958	5838.34	15.44	-0.66	59.0958	5839.00	14.05
150	2012/06/13 21:16:05	59.5181	5838.33	15.43	-0.70	59.5181	5839.02	14.05
151	2012/06/13 21:41:25	59.9403	5838.53	15.44	-0.43	59.9403	5838.95	14.05
152	2012/06/13 22:06:45	60.3625	5838.03	15.43	-0.81	60.3625	5838.85	14.05
153	2012/06/13 22:32:05	60.7847	5837.92	15.43	-0.74	60.7847	5838.66	14.05
154	2012/06/13 22:57:25	61.2069	5837.76	15.44	-0.81	61.2069	5838.57	14.05
155	2012/06/13 23:22:45	61.6292	5837.74	15.44	-0.73	61.6292	5838.47	14.05
156	2012/06/13 23:48:05	62.0514	5837.52	15.44	-0.77	62.0514	5838.29	14.05
157	2012/06/14 00:13:25	62.4736	5837.50	15.43	-0.79	62.4736	5838.29	14.05
158	2012/06/14 00:38:45	62.8958	5837.32	15.43	-0.93	62.8958	5838.25	14.05
159	2012/06/14 01:04:05	63.3181	5837.16	15.43	-0.76	63.3181	5837.92	14.05
160	2012/06/14 01:29:25	63.7403	5837.03	15.44	-1.14	63.7403	5838.17	14.05
161	2012/06/14 01:54:45	64.1625	5836.80	15.43	-0.98	64.1625	5837.77	14.05
162	2012/06/14 02:20:05	64.5847	5837.08	15.44	-0.29	64.5847	5837.37	14.05
163	2012/06/14 02:45:25	65.0069	5836.94	15.44	-0.59	65.0069	5837.53	14.05
164	2012/06/14 03:10:45	65.4292	5836.42	15.43	-0.99	65.4292	5837.42	14.05
165	2012/06/14 03:36:05	65.8514	5836.44	15.44	-1.05	65.8514	5837.49	14.05
166	2012/06/14 04:01:25	66.2736	5836.48	15.44	-0.69	66.2736	5837.17	14.06
167	2012/06/14 04:26:45	66.6958	5836.15	15.43	-0.98	66.6958	5837.13	14.05
168	2012/06/14 04:52:05	67.1181	5836.28	15.44	-0.65	67.1181	5836.93	14.05
169	2012/06/14 05:17:25	67.5403	5836.30	15.43	-0.48	67.5403	5836.78	14.05
170	2012/06/14 05:42:45	67.9625	5835.99	15.44	-0.72	67.9625	5836.71	14.05
171	2012/06/14 06:08:05	68.3847	5836.19	15.44	-0.53	68.3847	5836.72	14.05
172	2012/06/14 06:33:25	68.8069	5835.84	15.44	-0.89	68.8069	5836.73	14.06
173	2012/06/14 06:58:45	69.2292	5835.87	15.44	-0.67	69.2292	5836.54	14.05
174	2012/06/14 07:24:05	69.6514	5835.60	15.44	-1.05	69.6514	5836.64	14.05
175	2012/06/14 07:49:25	70.0736	5835.50	15.44	-0.54	70.0736	5836.05	14.06
176	2012/06/14 08:14:45	70.4958	5835.68	15.44	-0.58	70.4958	5836.26	14.05
177	2012/06/14 08:40:05	70.9181	5834.78	15.43	-0.86	70.9181	5835.65	14.05
178	2012/06/14 09:05:25	71.3403	5834.56	15.43	-0.93	71.3403	5835.49	14.06
179	2012/06/14 09:30:45	71.7625	5834.49	15.44	-0.75	71.7625	5835.24	14.06
180	2012/06/14 09:56:05	72.1847	5834.26	15.43	-1.12	72.1847	5835.38	14.05

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
181	2012/06/14 10:21:25	72.6069	5834.32	15.44	-0.91	72.6069	5835.23	14.05
182	2012/06/14 10:46:45	73.0292	5834.40	15.44	-0.83	73.0292	5835.23	14.05
183	2012/06/14 11:12:05	73.4514	5834.41	15.43	-0.51	73.4514	5834.91	14.06
184	2012/06/14 11:37:25	73.8736	5834.09	15.43	-0.75	73.8736	5834.83	14.05
185	2012/06/14 12:02:45	74.2958	5834.49	15.44	-0.50	74.2958	5834.98	14.06
186	2012/06/14 12:28:05	74.7181	5833.87	15.44	-0.85	74.7181	5834.72	14.06
187	2012/06/14 12:53:25	75.1403	5834.16	15.43	-0.64	75.1403	5834.81	14.05
188	2012/06/14 13:18:45	75.5625	5834.23	15.44	-0.72	75.5625	5834.95	14.06
189	2012/06/14 13:44:05	75.9847	5834.22	15.44	-0.55	75.9847	5834.77	14.05
190	2012/06/14 14:09:25	76.4069	5834.14	15.43	-0.84	76.4069	5834.98	14.05
191	2012/06/14 14:34:45	76.8292	5833.77	15.44	-0.98	76.8292	5834.74	14.05
192	2012/06/14 15:00:05	77.2514	5834.10	15.44	-0.44	77.2514	5834.55	14.06
193	2012/06/14 15:25:25	77.6736	5833.66	15.43	-0.83	77.6736	5834.49	14.05
194	2012/06/14 15:50:45	78.0958	5833.59	15.43	-0.85	78.0958	5834.43	14.06
195	2012/06/14 16:16:05	78.5181	5833.70	15.44	-0.33	78.5181	5834.03	14.05
196	2012/06/14 16:41:25	78.9403	5833.36	15.44	-0.64	78.9403	5833.99	14.06
197	2012/06/14 17:06:45	79.3625	5833.13	15.44	-0.68	79.3625	5833.82	14.05
198	2012/06/14 17:32:05	79.7847	5833.12	15.44	-0.76	79.7847	5833.88	14.05
199	2012/06/14 17:57:25	80.2069	5833.00	15.44	-0.80	80.2069	5833.80	14.05
200	2012/06/14 18:22:45	80.6292	5832.84	15.44	-0.65	80.6292	5833.49	14.05
201	2012/06/14 18:48:05	81.0514	5832.77	15.44	-0.47	81.0514	5833.24	14.06
202	2012/06/14 19:13:25	81.4736	5832.36	15.44	-0.65	81.4736	5833.02	14.06
203	2012/06/14 19:38:45	81.8958	5832.54	15.43	-0.43	81.8958	5832.97	14.05
204	2012/06/14 20:04:05	82.3181	5832.42	15.43	-0.65	82.3181	5833.07	14.06
205	2012/06/14 20:29:25	82.7403	5832.36	15.44	-0.81	82.7403	5833.17	14.05
206	2012/06/14 20:54:45	83.1625	5831.80	15.44	-0.88	83.1625	5832.68	14.05
207	2012/06/14 21:20:05	83.5847	5831.87	15.44	-0.83	83.5847	5832.70	14.06
208	2012/06/14 21:45:25	84.0069	5832.14	15.44	-0.38	84.0069	5832.52	14.06
209	2012/06/14 22:10:45	84.4292	5831.99	15.44	-0.46	84.4292	5832.45	14.06
210	2012/06/14 22:36:05	84.8514	5831.74	15.44	-0.65	84.8514	5832.39	14.06
211	2012/06/14 23:01:25	85.2736	5831.50	15.43	-0.74	85.2736	5832.24	14.06
212	2012/06/14 23:26:45	85.6958	5831.25	15.44	-1.08	85.6958	5832.33	14.05
213	2012/06/14 23:52:05	86.1181	5831.59	15.44	-0.44	86.1181	5832.03	14.06
214	2012/06/15 00:17:25	86.5403	5831.48	15.44	-0.69	86.5403	5832.17	14.06
215	2012/06/15 00:42:45	86.9625	5831.39	15.44	-0.92	86.9625	5832.31	14.06
216	2012/06/15 01:08:05	87.3847	5831.10	15.44	-0.83	87.3847	5831.94	14.06
217	2012/06/15 01:33:25	87.8069	5831.29	15.44	-0.50	87.8069	5831.79	14.06
218	2012/06/15 01:58:45	88.2292	5830.99	15.44	-0.70	88.2292	5831.69	14.05
219	2012/06/15 02:24:05	88.6514	5830.83	15.44	-0.87	88.6514	5831.70	14.06
220	2012/06/15 02:49:25	89.0736	5830.66	15.44	-0.74	89.0736	5831.40	14.06
221	2012/06/15 03:14:45	89.4958	5830.64	15.44	-0.70	89.4958	5831.34	14.06
222	2012/06/15 03:40:05	89.9181	5830.50	15.44	-0.86	89.9181	5831.36	14.06
223	2012/06/15 04:05:25	90.3403	5830.46	15.44	-0.61	90.3403	5831.07	14.06
224	2012/06/15 04:30:45	90.7625	5830.28	15.44	-0.61	90.7625	5830.89	14.06
225	2012/06/15 04:56:05	91.1847	5830.56	15.44	-0.38	91.1847	5830.95	14.06

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
226	2012/06/15 05:21:25	91.6069	5830.25	15.44	-1.00	91.6069	5831.25	14.06
227	2012/06/15 05:46:45	92.0292	5830.45	15.44	-0.69	92.0292	5831.14	14.06
228	2012/06/15 06:12:05	92.4514	5830.40	15.44	-0.45	92.4514	5830.85	14.06
229	2012/06/15 06:37:25	92.8736	5830.22	15.44	-0.84	92.8736	5831.06	14.06
230	2012/06/15 07:02:45	93.2958	5830.28	15.44	-0.70	93.2958	5830.98	14.06
231	2012/06/15 07:28:05	93.7181	5829.99	15.44	-0.76	93.7181	5830.76	14.06
232	2012/06/15 07:53:25	94.1403	5829.70	15.44	-1.02	94.1403	5830.72	14.06
233	2012/06/15 08:18:45	94.5625	5829.72	15.44	-0.29	94.5625	5830.02	14.06
234	2012/06/15 08:44:05	94.9847	5829.32	15.44	-0.73	94.9847	5830.05	14.06
235	2012/06/15 09:09:25	95.4069	5829.50	15.44	-0.81	95.4069	5830.31	14.06
236	2012/06/15 09:34:45	95.8292	5829.56	15.44	-0.53	95.8292	5830.09	14.06
237	2012/06/15 10:00:05	96.2514	5829.33	15.44	-0.64	96.2514	5829.96	14.06
238	2012/06/15 10:25:25	96.6736	5829.21	15.44	-0.49	96.6736	5829.70	14.06
239	2012/06/15 10:50:45	97.0958	5829.28	15.44	-0.30	97.0958	5829.58	14.06
240	2012/06/15 11:16:05	97.5181	5828.68	15.44	-0.92	97.5181	5829.60	14.06
241	2012/06/15 11:41:25	97.9403	5828.77	15.44	-0.46	97.9403	5829.23	14.06
242	2012/06/15 12:06:45	98.3625	5828.70	15.44	-0.98	98.3625	5829.68	14.06
243	2012/06/15 12:32:05	98.7847	5828.81	15.45	-0.58	98.7847	5829.38	14.06
244	2012/06/15 12:57:25	99.2069	5828.62	15.44	-0.49	99.2069	5829.10	14.06
245	2012/06/15 13:22:45	99.6292	5828.26	15.44	-0.80	99.6292	5829.06	14.06
246	2012/06/15 13:48:05	100.0514	5828.22	15.44	-1.06	100.0514	5829.29	14.06
247	2012/06/15 14:13:25	100.4736	5828.41	15.44	-0.44	100.4736	5828.85	14.06
248	2012/06/15 14:38:45	100.8958	5828.27	15.44	-0.59	100.8958	5828.85	14.06
249	2012/06/15 15:04:05	101.3181	5828.02	15.44	-0.60	101.3181	5828.61	14.06
250	2012/06/15 15:29:25	101.7403	5827.71	15.44	-0.93	101.7403	5828.64	14.06
251	2012/06/15 15:54:45	102.1625	5827.94	15.44	-0.68	102.1625	5828.62	14.06
252	2012/06/15 16:20:05	102.5847	5827.61	15.44	-0.51	102.5847	5828.12	14.06
253	2012/06/15 16:45:25	103.0069	5826.81	15.44	-0.70	103.0069	5827.52	14.06
254	2012/06/15 17:10:45	103.4292	5826.89	15.44	-0.53	103.4292	5827.42	14.06
255	2012/06/15 17:36:05	103.8514	5826.78	15.44	-0.76	103.8514	5827.54	14.06
256	2012/06/15 18:01:25	104.2736	5826.75	15.44	-0.61	104.2736	5827.35	14.06
257	2012/06/15 18:26:45	104.6958	5826.50	15.44	-0.90	104.6958	5827.40	14.06
258	2012/06/15 18:52:05	105.1181	5826.59	15.44	-0.09	105.1181	5826.68	14.06
259	2012/06/15 19:17:25	105.5403	5826.53	15.44	-0.51	105.5403	5827.04	14.06
260	2012/06/15 19:42:45	105.9625	5826.15	15.44	-0.94	105.9625	5827.09	14.06
261	2012/06/15 20:08:05	106.3847	5826.64	15.44	-0.43	106.3847	5827.07	14.06
262	2012/06/15 20:33:25	106.8069	5826.02	15.44	-1.03	106.8069	5827.04	14.06
263	2012/06/15 20:58:45	107.2292	5826.34	15.44	-0.37	107.2292	5826.71	14.06
264	2012/06/15 21:24:05	107.6514	5826.12	15.44	-0.67	107.6514	5826.80	14.06
265	2012/06/15 21:49:25	108.0736	5826.13	15.44	-0.45	108.0736	5826.58	14.06
266	2012/06/15 22:14:45	108.4958	5825.79	15.44	-0.79	108.4958	5826.57	14.06
267	2012/06/15 22:40:05	108.9181	5825.58	15.44	-0.96	108.9181	5826.54	14.06
268	2012/06/15 23:05:25	109.3403	5825.52	15.44	-0.74	109.3403	5826.26	14.06
269	2012/06/15 23:30:45	109.7625	5825.73	15.44	-0.41	109.7625	5826.14	14.06
270	2012/06/15 23:56:05	110.1847	5825.49	15.44	-0.61	110.1847	5826.10	14.06

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
271	2012/06/16 00:21:25	110.6069	5825.51	15.44	-0.71	110.6069	5826.22	14.06
272	2012/06/16 00:46:45	111.0292	5825.28	15.44	-0.75	111.0292	5826.03	14.06
273	2012/06/16 01:12:05	111.4514	5825.43	15.44	-0.33	111.4514	5825.76	14.06
274	2012/06/16 01:37:25	111.8736	5824.98	15.44	-0.79	111.8736	5825.77	14.06
275	2012/06/16 02:02:45	112.2958	5824.97	15.44	-0.55	112.2958	5825.52	14.06
276	2012/06/16 02:28:05	112.7181	5824.83	15.44	-0.68	112.7181	5825.51	14.06
277	2012/06/16 02:53:25	113.1403	5824.76	15.44	-0.51	113.1403	5825.27	14.06
278	2012/06/16 03:18:45	113.5625	5824.65	15.44	-0.79	113.5625	5825.44	14.06
279	2012/06/16 03:44:05	113.9847	5824.56	15.44	-0.43	113.9847	5824.99	14.06
280	2012/06/16 04:09:25	114.4069	5824.33	15.44	-0.77	114.4069	5825.10	14.06
281	2012/06/16 04:34:45	114.8292	5824.24	15.44	-0.49	114.8292	5824.73	14.06
282	2012/06/16 05:00:05	115.2514	5824.13	15.44	-0.57	115.2514	5824.70	14.07
283	2012/06/16 05:25:25	115.6736	5823.70	15.44	-0.90	115.6736	5824.61	14.06
284	2012/06/16 05:50:45	116.0958	5824.06	15.44	-0.31	116.0958	5824.37	14.06
285	2012/06/16 06:16:05	116.5181	5824.01	15.44	-0.44	116.5181	5824.45	14.06
286	2012/06/16 06:41:25	116.9403	5823.57	15.44	-0.66	116.9403	5824.23	14.06
287	2012/06/16 07:06:45	117.3625	5823.39	15.44	-0.75	117.3625	5824.14	14.06
288	2012/06/16 07:32:05	117.7847	5823.67	15.44	-0.57	117.7847	5824.23	14.06
289	2012/06/16 07:57:25	118.2069	5823.51	15.44	-0.82	118.2069	5824.33	14.06
290	2012/06/16 08:22:45	118.6292	5823.34	15.44	-0.49	118.6292	5823.83	14.06
291	2012/06/16 08:48:05	119.0514	5822.83	15.44	-0.56	119.0514	5823.38	14.06
292	2012/06/16 09:13:25	119.4736	5822.70	15.44	-0.73	119.4736	5823.44	14.06
293	2012/06/16 09:38:45	119.8958	5823.08	15.44	-0.52	119.8958	5823.61	14.06
294	2012/06/16 10:04:05	120.3181	5822.78	15.44	-0.58	120.3181	5823.37	14.06
295	2012/06/16 10:29:25	120.7403	5822.55	15.44	-0.75	120.7403	5823.30	14.07
296	2012/06/16 10:54:45	121.1625	5822.42	15.44	-0.83	121.1625	5823.25	14.06
297	2012/06/16 11:20:05	121.5847	5822.04	15.44	-0.49	121.5847	5822.53	14.06
298	2012/06/16 11:45:25	122.0069	5822.04	15.44	-0.74	122.0069	5822.78	14.06
299	2012/06/16 12:10:45	122.4292	5821.77	15.44	-0.79	122.4292	5822.56	14.06
300	2012/06/16 12:36:05	122.8514	5822.04	15.44	-0.49	122.8514	5822.53	14.07
301	2012/06/16 13:01:25	123.2736	5821.88	15.44	-0.66	123.2736	5822.54	14.06
302	2012/06/16 13:26:45	123.6958	5822.11	15.44	-0.41	123.6958	5822.52	14.06
303	2012/06/16 13:52:05	124.1181	5821.75	15.45	-0.61	124.1181	5822.36	14.06
304	2012/06/16 14:17:25	124.5403	5821.46	15.44	-0.64	124.5403	5822.09	14.06
305	2012/06/16 14:42:45	124.9625	5821.28	15.44	-0.65	124.9625	5821.93	14.06
306	2012/06/16 15:08:05	125.3847	5821.24	15.44	-1.00	125.3847	5822.24	14.06
307	2012/06/16 15:33:25	125.8069	5821.42	15.44	-0.60	125.8069	5822.02	14.06
308	2012/06/16 15:58:45	126.2292	5820.91	15.45	-0.39	126.2292	5821.30	14.06
309	2012/06/16 16:24:05	126.6514	5821.02	15.44	-0.56	126.6514	5821.58	14.06
310	2012/06/16 16:49:25	127.0736	5820.83	15.44	-0.68	127.0736	5821.51	14.06
311	2012/06/16 17:14:45	127.4958	5820.59	15.44	-0.93	127.4958	5821.52	14.06
312	2012/06/16 17:40:05	127.9181	5820.90	15.45	-0.19	127.9181	5821.09	14.06
313	2012/06/16 18:05:25	128.3403	5820.45	15.44	-0.87	128.3403	5821.33	14.06
314	2012/06/16 18:30:45	128.7625	5820.66	15.44	-0.68	128.7625	5821.34	14.06
315	2012/06/16 18:56:05	129.1847	5820.14	15.44	-1.01	129.1847	5821.15	14.06

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
316	2012/06/16 19:21:25	129.6069	5820.34	15.44	-0.46	129.6069	5820.79	14.06
317	2012/06/16 19:46:45	130.0292	5819.90	15.44	-0.71	130.0292	5820.61	14.06
318	2012/06/16 20:12:05	130.4514	5820.14	15.45	-0.30	130.4514	5820.44	14.06
319	2012/06/16 20:37:25	130.8736	5819.92	15.45	-0.29	130.8736	5820.21	14.06
320	2012/06/16 21:02:45	131.2958	5819.78	15.45	-0.30	131.2958	5820.08	14.06
321	2012/06/16 21:28:05	131.7181	5819.60	15.44	-0.73	131.7181	5820.33	14.07
322	2012/06/16 21:53:25	132.1403	5819.38	15.45	-0.30	132.1403	5819.68	14.06
323	2012/06/16 22:18:45	132.5625	5819.14	15.44	-0.63	132.5625	5819.77	14.06
324	2012/06/16 22:44:05	132.9847	5819.26	15.44	-0.58	132.9847	5819.84	14.07
325	2012/06/16 23:09:25	133.4069	5818.90	15.44	-0.90	133.4069	5819.80	14.06
326	2012/06/16 23:34:45	133.8292	5818.91	15.45	-0.66	133.8292	5819.56	14.07
327	2012/06/17 00:00:05	134.2514	5818.89	15.44	-0.37	134.2514	5819.26	14.06
328	2012/06/17 00:25:25	134.6736	5818.81	15.45	-0.39	134.6736	5819.20	14.06
329	2012/06/17 00:50:45	135.0958	5818.49	15.44	-0.45	135.0958	5818.94	14.07
330	2012/06/17 01:16:05	135.5181	5818.44	15.44	-0.60	135.5181	5819.04	14.07
331	2012/06/17 01:41:25	135.9403	5818.36	15.44	-0.59	135.9403	5818.94	14.06
332	2012/06/17 02:06:45	136.3625	5818.21	15.44	-0.66	136.3625	5818.87	14.06
333	2012/06/17 02:32:05	136.7847	5818.22	15.44	-0.65	136.7847	5818.87	14.06
334	2012/06/17 02:57:25	137.2069	5818.07	15.44	-0.65	137.2069	5818.73	14.07
335	2012/06/17 03:22:45	137.6292	5817.92	15.45	-0.63	137.6292	5818.55	14.06
336	2012/06/17 03:48:05	138.0514	5817.86	15.44	-0.73	138.0514	5818.59	14.07
337	2012/06/17 04:13:25	138.4736	5817.32	15.44	-1.02	138.4736	5818.34	14.07
338	2012/06/17 04:38:45	138.8958	5817.48	15.45	-0.50	138.8958	5817.98	14.07
339	2012/06/17 05:04:05	139.3181	5817.12	15.45	-0.85	139.3181	5817.97	14.06
340	2012/06/17 05:29:25	139.7403	5817.27	15.44	-0.61	139.7403	5817.89	14.06
341	2012/06/17 05:54:45	140.1625	5817.22	15.45	-0.54	140.1625	5817.76	14.07
342	2012/06/17 06:20:05	140.5847	5817.14	15.44	-0.60	140.5847	5817.75	14.07
343	2012/06/17 06:45:25	141.0069	5816.89	15.45	-0.65	141.0069	5817.55	14.07
344	2012/06/17 07:10:45	141.4292	5816.76	15.44	-0.51	141.4292	5817.27	14.07
345	2012/06/17 07:36:05	141.8514	5816.72	15.44	-0.33	141.8514	5817.05	14.06
346	2012/06/17 08:01:25	142.2736	5816.53	15.44	-0.50	142.2736	5817.02	14.07
347	2012/06/17 08:26:45	142.6958	5816.62	15.44	-0.25	142.6958	5816.87	14.07
348	2012/06/17 08:52:05	143.1181	5816.27	15.45	-0.37	143.1181	5816.64	14.06
349	2012/06/17 09:17:25	143.5403	5815.98	15.45	-0.36	143.5403	5816.34	14.06
350	2012/06/17 09:42:45	143.9625	5815.83	15.45	-0.62	143.9625	5816.44	14.07
351	2012/06/17 10:08:05	144.3847	5815.76	15.44	-0.58	144.3847	5816.34	14.06
352	2012/06/17 10:33:25	144.8069	5815.50	15.45	-0.88	144.8069	5816.39	14.06
353	2012/06/17 10:58:45	145.2292	5815.41	15.45	-0.60	145.2292	5816.01	14.06
354	2012/06/17 11:24:05	145.6514	5815.14	15.45	-0.90	145.6514	5816.04	14.06
355	2012/06/17 11:49:25	146.0736	5815.47	15.45	-0.12	146.0736	5815.58	14.06
356	2012/06/17 12:14:45	146.4958	5815.03	15.45	-0.35	146.4958	5815.38	14.07
357	2012/06/17 12:40:05	146.9181	5814.74	15.45	-0.71	146.9181	5815.44	14.07
358	2012/06/17 13:05:25	147.3403	5814.79	15.45	-0.60	147.3403	5815.40	14.06
359	2012/06/17 13:30:45	147.7625	5814.82	15.44	-0.46	147.7625	5815.28	14.07
360	2012/06/17 13:56:05	148.1847	5814.57	15.45	-0.42	148.1847	5814.99	14.06

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
361	2012/06/17 14:21:25	148.6069	5814.14	15.45	-0.68	148.6069	5814.81	14.06
362	2012/06/17 14:46:45	149.0292	5814.15	15.44	-0.78	149.0292	5814.92	14.07
363	2012/06/17 15:12:05	149.4514	5814.25	15.45	-0.41	149.4514	5814.66	14.06
364	2012/06/17 15:37:25	149.8736	5814.01	15.45	-0.46	149.8736	5814.47	14.07
365	2012/06/17 16:02:45	150.2958	5813.97	15.44	-0.30	150.2958	5814.27	14.07
366	2012/06/17 16:28:05	150.7181	5813.86	15.45	-0.63	150.7181	5814.49	14.07
367	2012/06/17 16:53:25	151.1403	5813.87	15.45	-0.28	151.1403	5814.15	14.07
368	2012/06/17 17:18:45	151.5625	5813.85	15.45	-0.36	151.5625	5814.21	14.07
369	2012/06/17 17:44:05	151.9847	5813.12	15.44	-0.89	151.9847	5814.01	14.07
370	2012/06/17 18:09:25	152.4069	5813.65	15.45	-0.38	152.4069	5814.03	14.07
371	2012/06/17 18:34:45	152.8292	5812.91	15.45	-0.96	152.8292	5813.87	14.06
372	2012/06/17 19:00:05	153.2514	5813.00	15.44	-0.93	153.2514	5813.93	14.07
373	2012/06/17 19:25:25	153.6736	5813.07	15.44	-0.58	153.6736	5813.66	14.07
374	2012/06/17 19:50:45	154.0958	5813.02	15.45	-0.78	154.0958	5813.80	14.07
375	2012/06/17 20:16:05	154.5181	5812.85	15.45	-0.41	154.5181	5813.26	14.07
376	2012/06/17 20:41:25	154.9403	5812.55	15.44	-0.46	154.9403	5813.01	14.07
377	2012/06/17 21:06:45	155.3625	5812.27	15.45	-0.56	155.3625	5812.83	14.06
378	2012/06/17 21:32:05	155.7847	5812.20	15.44	-0.58	155.7847	5812.78	14.06
379	2012/06/17 21:57:25	156.2069	5812.20	15.45	-0.54	156.2069	5812.74	14.06
380	2012/06/17 22:22:45	156.6292	5811.80	15.45	-0.64	156.6292	5812.44	14.07
381	2012/06/17 22:48:05	157.0514	5811.74	15.45	-0.48	157.0514	5812.22	14.07
382	2012/06/17 23:13:25	157.4736	5811.85	15.45	-0.67	157.4736	5812.52	14.07
383	2012/06/17 23:38:45	157.8958	5811.93	15.45	-0.32	157.8958	5812.25	14.06
384	2012/06/18 00:04:05	158.3181	5811.66	15.45	-0.47	158.3181	5812.13	14.07
385	2012/06/18 00:29:25	158.7403	5811.27	15.45	-0.83	158.7403	5812.11	14.07
386	2012/06/18 00:54:45	159.1625	5811.38	15.45	-0.54	159.1625	5811.92	14.07
387	2012/06/18 01:20:05	159.5847	5811.15	15.45	-0.57	159.5847	5811.72	14.06
388	2012/06/18 01:45:25	160.0069	5811.11	15.45	-0.39	160.0069	5811.50	14.07
389	2012/06/18 02:10:45	160.4292	5811.32	15.45	-0.31	160.4292	5811.63	14.07
390	2012/06/18 02:36:05	160.8514	5810.95	15.45	-0.54	160.8514	5811.49	14.07
391	2012/06/18 03:01:25	161.2736	5810.77	15.45	-0.61	161.2736	5811.38	14.07
392	2012/06/18 03:26:45	161.6958	5810.76	15.45	-0.49	161.6958	5811.25	14.07
393	2012/06/18 03:52:05	162.1181	5810.92	15.45	-0.30	162.1181	5811.22	14.07
394	2012/06/18 04:17:25	162.5403	5810.50	15.44	-0.71	162.5403	5811.21	14.06
395	2012/06/18 04:42:45	162.9625	5810.19	15.45	-0.94	162.9625	5811.13	14.07
396	2012/06/18 05:08:05	163.3847	5810.36	15.45	-0.84	163.3847	5811.20	14.07
397	2012/06/18 05:33:25	163.8069	5810.09	15.45	-0.68	163.8069	5810.76	14.07
398	2012/06/18 05:58:45	164.2292	5809.94	15.45	-0.87	164.2292	5810.81	14.07
399	2012/06/18 06:24:05	164.6514	5810.10	15.45	-0.74	164.6514	5810.84	14.07
400	2012/06/18 06:49:25	165.0736	5810.13	15.45	-0.44	165.0736	5810.57	14.07
401	2012/06/18 07:14:45	165.4958	5810.00	15.45	-0.50	165.4958	5810.50	14.07
402	2012/06/18 07:40:05	165.9181	5809.91	15.45	-0.62	165.9181	5810.53	14.07
403	2012/06/18 08:05:25	166.3403	5809.70	15.45	-0.57	166.3403	5810.28	14.07
404	2012/06/18 08:30:45	166.7625	5809.66	15.45	-0.41	166.7625	5810.07	14.07
405	2012/06/18 08:56:05	167.1847	5809.53	15.45	-0.68	167.1847	5810.21	14.07

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
406	2012/06/18 09:21:25	167.6069	5809.43	15.45	-0.69	167.6069	5810.12	14.07
407	2012/06/18 09:46:45	168.0292	5809.54	15.45	-0.75	168.0292	5810.29	14.07
408	2012/06/18 10:12:05	168.4514	5809.15	15.45	-0.48	168.4514	5809.64	14.07
409	2012/06/18 10:37:25	168.8736	5809.19	15.45	-0.46	168.8736	5809.65	14.07
410	2012/06/18 11:02:45	169.2958	5808.98	15.45	-0.69	169.2958	5809.67	14.07
411	2012/06/18 11:28:05	169.7181	5808.65	15.45	-0.67	169.7181	5809.32	14.07
412	2012/06/18 11:53:25	170.1403	5808.43	15.45	-1.03	170.1403	5809.47	14.07
413	2012/06/18 12:18:45	170.5625	5808.34	15.45	-0.97	170.5625	5809.31	14.07
414	2012/06/18 12:44:05	170.9847	5808.56	15.45	-0.53	170.9847	5809.09	14.07
415	2012/06/18 13:09:25	171.4069	5808.56	15.45	-0.61	171.4069	5809.17	14.07
416	2012/06/18 13:34:45	171.8292	5808.69	15.45	-0.43	171.8292	5809.11	14.07
417	2012/06/18 14:00:05	172.2514	5808.55	15.45	-0.73	172.2514	5809.28	14.07
418	2012/06/18 14:25:25	172.6736	5808.37	15.45	-0.65	172.6736	5809.02	14.07
419	2012/06/18 14:50:45	173.0958	5808.61	15.45	-0.25	173.0958	5808.86	14.07
420	2012/06/18 15:16:05	173.5181	5808.10	15.45	-0.30	173.5181	5808.40	14.07
421	2012/06/18 15:41:25	173.9403	5807.98	15.45	-0.66	173.9403	5808.63	14.07
422	2012/06/18 16:06:45	174.3625	5808.14	15.45	-0.55	174.3625	5808.68	14.07
423	2012/06/18 16:32:05	174.7847	5807.83	15.45	-0.54	174.7847	5808.37	14.07
424	2012/06/18 16:57:25	175.2069	5807.99	15.45	-0.32	175.2069	5808.30	14.07
425	2012/06/18 17:22:45	175.6292	5807.69	15.45	-0.62	175.6292	5808.31	14.07
426	2012/06/18 17:48:05	176.0514	5807.69	15.45	-0.53	176.0514	5808.22	14.07
427	2012/06/18 18:13:25	176.4736	5807.52	15.45	-0.62	176.4736	5808.14	14.07
428	2012/06/18 18:38:45	176.8958	5807.16	15.45	-0.51	176.8958	5807.67	14.07
429	2012/06/18 19:04:05	177.3181	5807.49	15.45	-0.48	177.3181	5807.98	14.07
430	2012/06/18 19:29:25	177.7403	5807.15	15.45	-0.55	177.7403	5807.70	14.07
431	2012/06/18 19:54:45	178.1625	5806.99	15.45	-0.85	178.1625	5807.84	14.07
432	2012/06/18 20:20:05	178.5847	5807.13	15.45	-0.57	178.5847	5807.70	14.07
433	2012/06/18 20:45:25	179.0069	5806.97	15.45	-0.37	179.0069	5807.34	14.07
434	2012/06/18 21:10:45	179.4292	5806.59	15.45	-0.82	179.4292	5807.40	14.07
435	2012/06/18 21:36:05	179.8514	5806.64	15.45	-0.33	179.8514	5806.97	14.07
436	2012/06/18 22:01:25	180.2736	5806.38	15.44	-0.51	180.2736	5806.88	14.07
437	2012/06/18 22:26:45	180.6958	5806.20	15.45	-0.60	180.6958	5806.79	14.07
438	2012/06/18 22:52:05	181.1181	5806.37	15.45	-0.50	181.1181	5806.88	14.07
439	2012/06/18 23:17:25	181.5403	5806.19	15.45	-0.58	181.5403	5806.77	14.07
440	2012/06/18 23:42:45	181.9625	5805.91	15.45	-0.70	181.9625	5806.62	14.07
441	2012/06/19 00:08:05	182.3847	5805.91	15.45	-0.46	182.3847	5806.36	14.07
442	2012/06/19 00:33:25	182.8069	5806.03	15.45	-0.24	182.8069	5806.27	14.07
443	2012/06/19 00:58:45	183.2292	5805.99	15.45	0.08	183.2292	5805.91	14.07
444	2012/06/19 01:24:05	183.6514	5805.77	15.45	-0.20	183.6514	5805.97	14.07
445	2012/06/19 01:49:25	184.0736	5805.58	15.45	-0.48	184.0736	5806.06	14.07
446	2012/06/19 02:14:45	184.4958	5805.45	15.45	-0.53	184.4958	5805.98	14.07
447	2012/06/19 02:40:05	184.9181	5805.68	15.45	-0.28	184.9181	5805.96	14.07
448	2012/06/19 03:05:25	185.3403	5805.53	15.45	-0.26	185.3403	5805.79	14.07
449	2012/06/19 03:30:45	185.7625	5805.46	15.45	-0.22	185.7625	5805.68	14.07
450	2012/06/19 03:56:05	186.1847	5805.39	15.45	-0.02	186.1847	5805.40	14.07

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
451	2012/06/19 04:21:25	186.6069	5805.01	15.45	-0.51	186.6069	5805.52	14.07
452	2012/06/19 04:46:45	187.0292	5805.10	15.45	-0.53	187.0292	5805.62	14.07
453	2012/06/19 05:12:05	187.4514	5805.05	15.45	-0.10	187.4514	5805.15	14.07
454	2012/06/19 05:37:25	187.8736	5804.75	15.46	-0.50	187.8736	5805.25	14.07
455	2012/06/19 06:02:45	188.2958	5804.65	15.45	-0.31	188.2958	5804.96	14.07
456	2012/06/19 06:28:05	188.7181	5804.56	15.45	-0.63	188.7181	5805.19	14.07
457	2012/06/19 06:53:25	189.1403	5804.72	15.45	-0.35	189.1403	5805.08	14.07
458	2012/06/19 07:18:45	189.5625	5804.58	15.45	-0.21	189.5625	5804.79	14.07
459	2012/06/19 07:44:05	189.9847	5804.43	15.45	-0.41	189.9847	5804.84	14.07
460	2012/06/19 08:09:25	190.4069	5804.13	15.45	-0.65	190.4069	5804.77	14.07
461	2012/06/19 08:34:45	190.8292	5803.97	15.45	-0.62	190.8292	5804.59	14.07
462	2012/06/19 09:00:05	191.2514	5804.18	15.45	-0.46	191.2514	5804.64	14.07
463	2012/06/19 09:25:25	191.6736	5803.84	15.45	-0.38	191.6736	5804.23	14.07
464	2012/06/19 09:50:45	192.0958	5803.93	15.45	-0.48	192.0958	5804.41	14.07
465	2012/06/19 10:16:05	192.5181	5803.63	15.45	-0.59	192.5181	5804.22	14.07
466	2012/06/19 10:41:25	192.9403	5803.64	15.45	-0.34	192.9403	5803.97	14.07
467	2012/06/19 11:06:45	193.3625	5803.53	15.45	-0.35	193.3625	5803.87	14.07
468	2012/06/19 11:32:05	193.7847	5803.40	15.45	-0.55	193.7847	5803.94	14.07
469	2012/06/19 11:57:25	194.2069	5803.32	15.45	-0.37	194.2069	5803.69	14.08
470	2012/06/19 12:22:45	194.6292	5803.15	15.45	-0.57	194.6292	5803.72	14.07
471	2012/06/19 12:48:05	195.0514	5802.70	15.46	-0.63	195.0514	5803.33	14.07
472	2012/06/19 13:13:25	195.4736	5803.13	15.45	-0.37	195.4736	5803.51	14.07
473	2012/06/19 13:38:45	195.8958	5802.61	15.45	-0.65	195.8958	5803.26	14.07
474	2012/06/19 14:04:05	196.3181	5802.50	15.45	-0.41	196.3181	5802.91	14.07
475	2012/06/19 14:29:25	196.7403	5802.22	15.45	-0.62	196.7403	5802.84	14.07
476	2012/06/19 14:54:45	197.1625	5802.12	15.45	-0.23	197.1625	5802.34	14.07
477	2012/06/19 15:20:05	197.5847	5802.08	15.45	-0.19	197.5847	5802.27	14.07
478	2012/06/19 15:45:25	198.0069	5801.77	15.46	-0.66	198.0069	5802.43	14.07
479	2012/06/19 16:10:45	198.4292	5801.74	15.45	-0.58	198.4292	5802.32	14.07
480	2012/06/19 16:36:05	198.8514	5801.59	15.46	-0.67	198.8514	5802.26	14.07
481	2012/06/19 17:01:25	199.2736	5801.75	15.45	-0.21	199.2736	5801.95	14.08
482	2012/06/19 17:26:45	199.6958	5801.40	15.45	-0.54	199.6958	5801.93	14.07
483	2012/06/19 17:52:05	200.1181	5801.48	15.45	-0.55	200.1181	5802.03	14.07
484	2012/06/19 18:17:25	200.5403	5801.38	15.45	-0.21	200.5403	5801.59	14.07
485	2012/06/19 18:42:45	200.9625	5801.26	15.45	-0.67	200.9625	5801.93	14.07
486	2012/06/19 19:08:05	201.3847	5801.06	15.45	-0.45	201.3847	5801.51	14.07
487	2012/06/19 19:33:25	201.8069	5801.39	15.45	-0.26	201.8069	5801.65	14.08
488	2012/06/19 19:58:45	202.2292	5801.04	15.45	-0.14	202.2292	5801.18	14.07
489	2012/06/19 20:24:05	202.6514	5800.78	15.45	-0.53	202.6514	5801.32	14.07
490	2012/06/19 20:49:25	203.0736	5800.65	15.45	-0.70	203.0736	5801.35	14.07
491	2012/06/19 21:14:45	203.4958	5800.62	15.46	-0.26	203.4958	5800.88	14.07
492	2012/06/19 21:40:05	203.9181	5800.43	15.45	-0.50	203.9181	5800.92	14.07
493	2012/06/19 22:05:25	204.3403	5800.42	15.46	-0.43	204.3403	5800.85	14.07
494	2012/06/19 22:30:45	204.7625	5800.42	15.45	-0.45	204.7625	5800.87	14.07
495	2012/06/19 22:56:05	205.1847	5800.18	15.45	-0.45	205.1847	5800.63	14.07

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
496	2012/06/19 23:21:25	205.6069	5799.94	15.45	-0.68	205.6069	5800.62	14.07
497	2012/06/19 23:46:45	206.0292	5799.85	15.45	-0.68	206.0292	5800.53	14.07
498	2012/06/20 00:12:05	206.4514	5799.72	15.46	-0.43	206.4514	5800.16	14.07
499	2012/06/20 00:37:25	206.8736	5799.99	15.46	-0.17	206.8736	5800.16	14.07
500	2012/06/20 01:02:45	207.2958	5799.70	15.45	-0.25	207.2958	5799.95	14.07
501	2012/06/20 01:28:05	207.7181	5799.72	15.46	-0.21	207.7181	5799.93	14.08
502	2012/06/20 01:53:25	208.1403	5799.73	15.46	-0.28	208.1403	5800.01	14.07
503	2012/06/20 02:18:45	208.5625	5799.17	15.45	-0.53	208.5625	5799.70	14.08
504	2012/06/20 02:44:05	208.9847	5799.31	15.45	-0.44	208.9847	5799.74	14.07
505	2012/06/20 03:09:25	209.4069	5799.21	15.45	-0.37	209.4069	5799.57	14.08
506	2012/06/20 03:34:45	209.8292	5799.07	15.45	-0.50	209.8292	5799.57	14.08
507	2012/06/20 04:00:05	210.2514	5798.99	15.45	-0.43	210.2514	5799.43	14.07
508	2012/06/20 04:25:25	210.6736	5798.99	15.45	-0.46	210.6736	5799.44	14.08
509	2012/06/20 04:50:45	211.0958	5798.76	15.45	-0.57	211.0958	5799.33	14.08
510	2012/06/20 05:16:05	211.5181	5798.69	15.45	-0.38	211.5181	5799.07	14.07
511	2012/06/20 05:41:25	211.9403	5798.63	15.46	-0.39	211.9403	5799.02	14.08
512	2012/06/20 06:06:45	212.3625	5798.41	15.46	-0.30	212.3625	5798.71	14.07
513	2012/06/20 06:32:05	212.7847	5798.25	15.46	-0.62	212.7847	5798.87	14.08
514	2012/06/20 06:57:25	213.2069	5798.45	15.45	-0.53	213.2069	5798.98	14.07
515	2012/06/20 07:22:45	213.6292	5798.15	15.46	-0.62	213.6292	5798.77	14.08
516	2012/06/20 07:48:05	214.0514	5798.36	15.45	0.07	214.0514	5798.29	14.08
517	2012/06/20 08:13:25	214.4736	5797.83	15.46	-0.54	214.4736	5798.36	14.07
518	2012/06/20 08:38:45	214.8958	5797.94	15.45	-0.52	214.8958	5798.46	14.07
519	2012/06/20 09:04:05	215.3181	5797.69	15.46	-0.52	215.3181	5798.22	14.08
520	2012/06/20 09:29:25	215.7403	5797.53	15.45	-0.43	215.7403	5797.97	14.07
521	2012/06/20 09:54:45	216.1625	5797.43	15.46	-0.48	216.1625	5797.91	14.08
522	2012/06/20 10:20:05	216.5847	5797.42	15.45	-0.36	216.5847	5797.78	14.08
523	2012/06/20 10:45:25	217.0069	5797.14	15.46	-0.53	217.0069	5797.67	14.08
524	2012/06/20 11:10:45	217.4292	5797.34	15.45	-0.23	217.4292	5797.57	14.07
525	2012/06/20 11:36:05	217.8514	5797.15	15.45	-0.27	217.8514	5797.42	14.08
526	2012/06/20 12:01:25	218.2736	5796.84	15.45	-0.73	218.2736	5797.57	14.07
527	2012/06/20 12:26:45	218.6958	5796.81	15.45	-0.92	218.6958	5797.74	14.08
528	2012/06/20 12:52:05	219.1181	5796.64	15.45	-0.61	219.1181	5797.25	14.08
529	2012/06/20 13:17:25	219.5403	5797.00	15.46	-0.23	219.5403	5797.23	14.07
530	2012/06/20 13:42:45	219.9625	5796.62	15.46	-0.51	219.9625	5797.13	14.08
531	2012/06/20 14:08:05	220.3847	5795.91	15.46	-0.60	220.3847	5796.51	14.07
532	2012/06/20 14:33:25	220.8069	5796.18	15.46	-0.42	220.8069	5796.61	14.08
533	2012/06/20 14:58:45	221.2292	5796.58	15.46	-0.52	221.2292	5797.10	14.08
534	2012/06/20 15:24:05	221.6514	5796.09	15.46	-0.42	221.6514	5796.51	14.08
535	2012/06/20 15:49:25	222.0736	5796.40	15.46	-0.48	222.0736	5796.88	14.08
536	2012/06/20 16:14:45	222.4958	5796.52	15.46	0.00	222.4958	5796.52	14.08
537	2012/06/20 16:40:05	222.9181	5795.92	15.46	-0.63	222.9181	5796.55	14.08
538	2012/06/20 17:05:25	223.3403	5795.92	15.45	-0.46	223.3403	5796.38	14.07
539	2012/06/20 17:30:45	223.7625	5795.61	15.45	-0.28	223.7625	5795.89	14.08
540	2012/06/20 17:56:05	224.1847	5795.61	15.46	-0.34	224.1847	5795.95	14.07

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
541	2012/06/20 18:21:25	224.6069	5795.49	15.46	-0.55	224.6069	5796.04	14.07
542	2012/06/20 18:46:45	225.0292	5795.00	15.45	-0.58	225.0292	5795.58	14.08
543	2012/06/20 19:12:05	225.4514	5795.00	15.45	-0.61	225.4514	5795.60	14.07
544	2012/06/20 19:37:25	225.8736	5795.12	15.45	-0.38	225.8736	5795.50	14.08
545	2012/06/20 20:02:45	226.2958	5795.08	15.46	-0.17	226.2958	5795.25	14.08
546	2012/06/20 20:28:05	226.7181	5794.81	15.45	-0.36	226.7181	5795.17	14.08
547	2012/06/20 20:53:25	227.1403	5794.39	15.45	-0.59	227.1403	5794.97	14.08
548	2012/06/20 21:18:45	227.5625	5794.71	15.46	-0.22	227.5625	5794.93	14.08
549	2012/06/20 21:44:05	227.9847	5794.34	15.46	-0.50	227.9847	5794.84	14.08
550	2012/06/20 22:09:25	228.4069	5794.51	15.46	-0.05	228.4069	5794.55	14.08
551	2012/06/20 22:34:45	228.8292	5794.17	15.45	-0.35	228.8292	5794.53	14.08
552	2012/06/20 23:00:05	229.2514	5794.13	15.45	-0.62	229.2514	5794.75	14.08
553	2012/06/20 23:25:25	229.6736	5794.03	15.46	-0.43	229.6736	5794.47	14.08
554	2012/06/20 23:50:45	230.0958	5794.19	15.46	-0.15	230.0958	5794.34	14.08
555	2012/06/21 00:16:05	230.5181	5793.88	15.46	-0.43	230.5181	5794.32	14.07
556	2012/06/21 00:41:25	230.9403	5793.93	15.46	-0.25	230.9403	5794.18	14.08
557	2012/06/21 01:06:45	231.3625	5793.64	15.45	-0.69	231.3625	5794.33	14.08
558	2012/06/21 01:32:05	231.7847	5793.52	15.46	-0.39	231.7847	5793.91	14.08
559	2012/06/21 01:57:25	232.2069	5793.54	15.46	-0.31	232.2069	5793.85	14.08
560	2012/06/21 02:22:45	232.6292	5793.31	15.45	-0.69	232.6292	5794.01	14.08
561	2012/06/21 02:48:05	233.0514	5793.02	15.46	-0.76	233.0514	5793.78	14.08
562	2012/06/21 03:13:25	233.4736	5793.01	15.46	-0.25	233.4736	5793.26	14.08
563	2012/06/21 03:38:45	233.8958	5792.92	15.46	-0.37	233.8958	5793.29	14.08
564	2012/06/21 04:04:05	234.3181	5793.24	15.45	-0.30	234.3181	5793.54	14.08
565	2012/06/21 04:29:25	234.7403	5792.87	15.45	-0.47	234.7403	5793.34	14.08
566	2012/06/21 04:54:45	235.1625	5792.61	15.46	-0.57	235.1625	5793.19	14.08
567	2012/06/21 05:20:05	235.5847	5792.71	15.46	-0.37	235.5847	5793.08	14.08
568	2012/06/21 05:45:25	236.0069	5792.94	15.46	-0.24	236.0069	5793.18	14.08
569	2012/06/21 06:10:45	236.4292	5792.85	15.46	-0.64	236.4292	5793.49	14.08
570	2012/06/21 06:36:05	236.8514	5792.51	15.46	-0.41	236.8514	5792.92	14.08
571	2012/06/21 07:01:25	237.2736	5792.45	15.46	-0.52	237.2736	5792.97	14.08
572	2012/06/21 07:26:45	237.6958	5792.65	15.46	0.02	237.6958	5792.63	14.08
573	2012/06/21 07:52:05	238.1181	5792.24	15.46	-0.40	238.1181	5792.65	14.08
574	2012/06/21 08:17:25	238.5403	5791.96	15.46	-0.49	238.5403	5792.45	14.08
575	2012/06/21 08:42:45	238.9625	5792.10	15.46	-0.16	238.9625	5792.26	14.08
576	2012/06/21 09:08:05	239.3847	5792.28	15.46	-0.20	239.3847	5792.48	14.08
577	2012/06/21 09:33:25	239.8069	5791.78	15.45	-0.59	239.8069	5792.37	14.08
578	2012/06/21 10:24:25	240.6569	5791.62	15.45	-0.39	240.6569	5792.01	14.07
579	2012/06/21 11:40:25	241.9236	5791.30	15.45	-0.38	241.9236	5791.69	14.07
580	2012/06/21 12:56:25	243.1903	5790.99	15.45	-0.23	243.1903	5791.22	14.08
581	2012/06/21 14:12:25	244.4569	5790.08	15.45	-0.36	244.4569	5790.44	14.07
582	2012/06/21 15:28:25	245.7236	5790.45	15.45	-0.15	245.7236	5790.60	14.08
583	2012/06/21 16:44:25	246.9903	5789.72	15.45	-0.73	246.9903	5790.45	14.08
584	2012/06/21 18:00:25	248.2569	5789.45	15.45	-0.72	248.2569	5790.18	14.08
585	2012/06/21 19:16:25	249.5236	5789.24	15.45	-0.40	249.5236	5789.64	14.08

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
586	2012/06/21 20:32:25	250.7903	5788.41	15.45	-0.40	250.7903	5788.80	14.08
587	2012/06/21 21:48:25	252.0569	5788.44	15.45	-0.20	252.0569	5788.64	14.08
588	2012/06/21 23:04:25	253.3236	5787.99	15.45	-0.39	253.3236	5788.38	14.08
589	2012/06/22 00:20:25	254.5903	5787.61	15.45	-0.70	254.5903	5788.31	14.08
590	2012/06/22 01:36:25	255.8569	5787.49	15.45	-0.12	255.8569	5787.61	14.08
591	2012/06/22 02:52:25	257.1236	5787.20	15.45	-0.18	257.1236	5787.39	14.08
592	2012/06/22 04:08:25	258.3903	5786.76	15.45	-0.56	258.3903	5787.32	14.08
593	2012/06/22 05:24:25	259.6569	5786.74	15.45	-0.24	259.6569	5786.98	14.08
594	2012/06/22 06:40:25	260.9236	5787.00	15.45	-0.08	260.9236	5787.09	14.08
595	2012/06/22 07:56:25	262.1903	5786.29	15.45	-0.63	262.1903	5786.92	14.08
596	2012/06/22 09:12:25	263.4569	5786.31	15.46	-0.18	263.4569	5786.49	14.08
597	2012/06/22 10:28:25	264.7236	5785.87	15.45	-0.06	264.7236	5785.93	14.08
598	2012/06/22 11:44:25	265.9903	5785.02	15.45	-0.36	265.9903	5785.39	14.08
599	2012/06/22 13:00:25	267.2569	5784.55	15.45	-0.74	267.2569	5785.30	14.08
600	2012/06/22 14:16:25	268.5236	5784.51	15.45	-0.27	268.5236	5784.77	14.08
601	2012/06/22 15:32:25	269.7903	5783.55	15.45	-0.57	269.7903	5784.12	14.08
602	2012/06/22 16:48:25	271.0569	5783.68	15.45	-0.28	271.0569	5783.96	14.08
603	2012/06/22 18:04:25	272.3236	5782.64	15.46	-0.40	272.3236	5783.04	14.07
604	2012/06/22 19:20:25	273.5903	5782.78	15.45	-0.23	273.5903	5783.01	14.08
605	2012/06/22 20:36:25	274.8569	5782.13	15.45	-0.14	274.8569	5782.26	14.08
606	2012/06/22 21:52:25	276.1236	5781.81	15.45	-0.15	276.1236	5781.96	14.08
607	2012/06/22 23:08:25	277.3903	5781.33	15.45	-0.47	277.3903	5781.80	14.08
608	2012/06/23 00:24:25	278.6569	5781.07	15.46	-0.37	278.6569	5781.43	14.08
609	2012/06/23 01:40:25	279.9236	5781.22	15.46	0.06	279.9236	5781.16	14.08
610	2012/06/23 02:56:25	281.1903	5780.61	15.45	-0.08	281.1903	5780.69	14.08
611	2012/06/23 04:12:25	282.4569	5780.13	15.45	-0.48	282.4569	5780.61	14.08
612	2012/06/23 05:28:25	283.7236	5780.16	15.45	-0.55	283.7236	5780.71	14.08
613	2012/06/23 06:44:25	284.9903	5780.18	15.46	-0.47	284.9903	5780.65	14.08
614	2012/06/23 08:00:25	286.2569	5779.79	15.45	-0.30	286.2569	5780.09	14.08
615	2012/06/23 09:16:25	287.5236	5779.30	15.46	-0.59	287.5236	5779.89	14.08
616	2012/06/23 10:32:25	288.7903	5779.07	15.46	-0.47	288.7903	5779.54	14.08
617	2012/06/23 11:48:25	290.0569	5779.08	15.46	-0.00	290.0569	5779.08	14.08
618	2012/06/23 13:04:25	291.3236	5778.52	15.45	-0.19	291.3236	5778.71	14.08
619	2012/06/23 14:20:25	292.5903	5777.97	15.46	0.04	292.5903	5777.94	14.08
620	2012/06/23 15:36:25	293.8569	5777.27	15.46	-0.32	293.8569	5777.58	14.08
621	2012/06/23 16:52:25	295.1236	5777.46	15.46	0.13	295.1236	5777.33	14.08
622	2012/06/23 18:08:25	296.3903	5776.95	15.46	-0.25	296.3903	5777.20	14.08
623	2012/06/23 19:24:25	297.6569	5776.44	15.46	-0.11	297.6569	5776.55	14.08
624	2012/06/23 20:40:25	298.9236	5776.08	15.46	-0.08	298.9236	5776.16	14.08
625	2012/06/23 21:56:25	300.1903	5775.67	15.45	-0.12	300.1903	5775.79	14.08
626	2012/06/23 23:12:25	301.4569	5775.41	15.46	-0.61	301.4569	5776.02	14.08
627	2012/06/24 00:28:25	302.7236	5775.32	15.46	-0.22	302.7236	5775.54	14.08
628	2012/06/24 01:44:25	303.9903	5774.90	15.45	-0.24	303.9903	5775.14	14.08
629	2012/06/24 03:00:25	305.2569	5774.88	15.45	-0.21	305.2569	5775.09	14.09
630	2012/06/24 04:16:25	306.5236	5774.46	15.46	-0.52	306.5236	5774.98	14.08

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
631	2012/06/24 05:32:25	307.7903	5774.50	15.46	-0.25	307.7903	5774.75	14.09
632	2012/06/24 06:48:25	309.0569	5774.40	15.46	-0.21	309.0569	5774.61	14.08
633	2012/06/24 08:04:25	310.3236	5773.88	15.46	-0.47	310.3236	5774.34	14.09
634	2012/06/24 09:20:25	311.5903	5773.66	15.46	-0.36	311.5903	5774.02	14.08
635	2012/06/24 10:36:25	312.8569	5773.24	15.46	-0.50	312.8569	5773.74	14.09
636	2012/06/24 11:52:25	314.1236	5773.24	15.46	0.01	314.1236	5773.23	14.08
637	2012/06/24 13:08:25	315.3903	5772.24	15.46	-0.42	315.3903	5772.65	14.08
638	2012/06/24 14:24:25	316.6569	5772.20	15.46	-0.09	316.6569	5772.30	14.09
639	2012/06/24 15:40:25	317.9236	5771.80	15.46	-0.31	317.9236	5772.11	14.09
640	2012/06/24 16:56:25	319.1903	5771.24	15.46	-0.36	319.1903	5771.60	14.09
641	2012/06/24 18:12:25	320.4569	5770.82	15.46	-0.18	320.4569	5771.00	14.09
642	2012/06/24 19:28:25	321.7236	5771.02	15.46	-0.01	321.7236	5771.03	14.09
643	2012/06/24 20:44:25	322.9903	5769.75	15.46	-0.49	322.9903	5770.24	14.09
644	2012/06/24 22:00:25	324.2569	5770.01	15.46	0.03	324.2569	5769.98	14.08
645	2012/06/24 23:16:25	325.5236	5769.73	15.46	-0.05	325.5236	5769.77	14.09
646	2012/06/25 00:32:25	326.7903	5769.18	15.46	-0.17	326.7903	5769.35	14.09
647	2012/06/25 01:48:25	328.0569	5768.87	15.46	0.05	328.0569	5768.82	14.09
648	2012/06/25 03:04:25	329.3236	5768.56	15.46	-0.33	329.3236	5768.90	14.09
649	2012/06/25 04:20:25	330.5903	5768.18	15.46	-0.27	330.5903	5768.45	14.09
650	2012/06/25 05:36:25	331.8569	5768.20	15.46	0.07	331.8569	5768.13	14.09
651	2012/06/25 06:52:25	333.1236	5767.92	15.46	-0.28	333.1236	5768.20	14.09
652	2012/06/25 08:08:25	334.3903	5767.85	15.46	0.01	334.3903	5767.83	14.09
653	2012/06/25 09:24:25	335.6569	5767.21	15.46	-0.48	335.6569	5767.69	14.09
654	2012/06/25 10:40:25	336.9236	5766.70	15.46	-0.42	336.9236	5767.12	14.09
655	2012/06/25 11:56:25	338.1903	5766.31	15.46	-0.34	338.1903	5766.65	14.09
656	2012/06/25 13:12:25	339.4569	5766.13	15.46	-0.11	339.4569	5766.24	14.09
657	2012/06/25 14:28:25	340.7236	5765.76	15.47	-0.18	340.7236	5765.94	14.09
658	2012/06/25 15:44:25	341.9903	5765.36	15.46	-0.05	341.9903	5765.41	14.09
659	2012/06/25 17:00:25	343.2569	5764.29	15.46	-0.57	343.2569	5764.86	14.09
660	2012/06/25 18:16:25	344.5236	5763.92	15.46	-0.51	344.5236	5764.43	14.09
661	2012/06/25 19:32:25	345.7903	5763.84	15.47	-0.28	345.7903	5764.13	14.09
662	2012/06/25 20:48:25	347.0569	5763.39	15.46	-0.27	347.0569	5763.66	14.09
663	2012/06/25 22:04:25	348.3236	5763.30	15.46	-0.00	348.3236	5763.30	14.09
664	2012/06/25 23:20:25	349.5903	5762.53	15.46	-0.45	349.5903	5762.98	14.09
665	2012/06/26 00:36:25	350.8569	5762.53	15.46	-0.12	350.8569	5762.65	14.09
666	2012/06/26 01:52:25	352.1236	5762.30	15.47	0.10	352.1236	5762.19	14.09
667	2012/06/26 03:08:25	353.3903	5761.56	15.46	-0.48	353.3903	5762.04	14.09
668	2012/06/26 04:24:25	354.6569	5761.28	15.47	-0.19	354.6569	5761.47	14.09
669	2012/06/26 05:40:25	355.9236	5760.96	15.46	-0.38	355.9236	5761.34	14.09
670	2012/06/26 06:56:25	357.1903	5761.25	15.46	-0.07	357.1903	5761.32	14.09
671	2012/06/26 08:12:25	358.4569	5760.56	15.47	-0.60	358.4569	5761.16	14.09
672	2012/06/26 09:28:25	359.7236	5760.65	15.47	-0.27	359.7236	5760.92	14.09
673	2012/06/26 10:44:25	360.9903	5760.41	15.47	-0.07	360.9903	5760.48	14.09
674	2012/06/26 12:00:25	362.2569	5759.40	15.47	-0.13	362.2569	5759.53	14.09
675	2012/06/26 13:16:25	363.5236	5758.77	15.47	-0.08	363.5236	5758.85	14.09

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/11
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Bottom G1 - G2	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	kPa	h	kPa(a)	°C
676	2012/06/26 14:32:25	364.7903	5758.82	15.46	-0.28	364.7903	5759.10	14.09
677	2012/06/26 15:48:25	366.0569	5758.51	15.47	-0.27	366.0569	5758.77	14.10
678	2012/06/26 17:04:25	367.3236	5758.22	15.47	-0.16	367.3236	5758.39	14.09
679	2012/06/26 18:20:25	368.5903	5757.73	15.46	-0.20	368.5903	5757.92	14.09
680	2012/06/26 19:36:25	369.8569	5757.32	15.47	0.12	369.8569	5757.20	14.09
681	2012/06/26 20:52:25	371.1236	5756.40	15.46	-0.38	371.1236	5756.79	14.09
682	2012/06/26 22:08:25	372.3903	5756.23	15.47	-0.21	372.3903	5756.44	14.09
683	2012/06/26 23:24:25	373.6569	5755.64	15.47	-0.25	373.6569	5755.89	14.09
684	2012/06/27 00:40:25	374.9236	5755.72	15.47	-0.29	374.9236	5756.01	14.10
685	2012/06/27 01:56:25	376.1903	5755.46	15.47	-0.26	376.1903	5755.72	14.09
686	2012/06/27 03:12:25	377.4569	5755.50	15.46	0.23	377.4569	5755.26	14.10
687	2012/06/27 04:28:25	378.7236	5755.04	15.47	-0.25	378.7236	5755.29	14.10
688	2012/06/27 05:44:25	379.9903	5754.77	15.47	-0.22	379.9903	5754.99	14.10
689	2012/06/27 07:00:25	381.2569	5754.74	15.47	-0.27	381.2569	5755.02	14.10
690	2012/06/27 08:16:25	382.5236	5754.58	15.47	0.20	382.5236	5754.38	14.10
691	2012/06/27 09:32:25	383.7903	5753.85	15.47	-0.32	383.7903	5754.17	14.10
692	2012/06/27 10:46:25	385.0236	5756.39	15.47	-0.31	385.0236	5756.69	14.10
693	2012/06/27 10:46:55	385.0319	5756.54	15.47	6.12	385.0319	5750.43	14.10
694	Recorders off bottom.							
695	2012/06/27 10:47:25	385.0403	5744.53	15.47	53.43	385.0403	5691.09	14.14
696	2012/06/27 10:48:25	385.0569	5569.21	15.81	26.46	385.0569	5542.75	14.80
697	2012/06/27 11:39:55	385.9153	109.18	21.47	-0.78	385.9153	109.96	20.01

Print Filter: Approximately every 152 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/11	09:45:00	520.50 m
Top	80355	2012/06/11	09:45:00	520.25 m



Company Name	TUNDRA OIL & GAS LTD.
Well Name	BIRDTAIL UNIT NO. 2 WIW
Unique Well ID	100/04-20-016-27W1/0
Formation	BAKKEN
Well License Number	4785
Test Type	Final Static Gradient
Start Test Date	2012/06/27
Final Test Date	2012/06/27

Prepared By	Pam Cruickshank
Report Date	2012/06/29

Pure Energy Services Ltd.
10th Floor, 333 - 11th Avenue SW, Calgary, Alberta T2R 1L9
Phone: 403-262-4000 Fax: 403-237-9731
www.pure-energy.ca

Well Information

Company Name TUNDRA OIL & GAS LTD.

Well Name BIRDTAIL UNIT NO. 2 WIW

Contact MURRAY STEWART

Surface Location 04-20-016-17W1

Unique Well ID 100/04-20-016-27W1/0

Well Type Vertical

Well Fluid Type 01 Oil

H2S Indicator No

KB Elevation (SL) 480.97 m

GL Elevation (SL) 477.17 m

CF Elevation (SL) 477.17 m

KB-GL Offset 3.80 m

KB-CF Offset 3.80 m

Formation BAKKEN

Top(Log KB) 518.10 m **Bottom(Log KB)** 520.60 m

Top(TVD KB) 518.10 m **Bottom(TVD KB)** 520.60 m

Test Information

Test Type Final Static Gradient
Test Purpose (AEUB) Annual Pressure

Start Test Date 2012/06/27 08:46:55

Final Test Date 2012/06/27 11:39:55

Date Well Shut-In 2012/06/11 10:42:35

Tubing OD 60.3 mm

Tubing ID 50.7 mm

Tubing Depth(Log KB) 516.70000 m

Tubing Depth(TVD KB) 516.70000 m

Tubing Pressure: Initial 518.00 kPa(a)

Tubing Pressure: Final 518.00 kPa(a)

Casing OD 114.3 mm

Casing ID 103.9 mm

Casing Depth(Log KB) 547.00000 m

Casing Depth(TVD KB) 547.00000 m

Packer Depth(Log KB) m

Packer Depth(TVD KB) m

Casing Pressure: Initial 102.00 kPa(a)

Casing Pressure: Final 102.00 kPa(a)

PBTD(Log KB) 546.00 m

PBTD(TVD KB) 546.00 m

Representative Kent Dowhanuik

Prepared By Pam Cruickshank

Qualified By Cory Strang

Report Date 2012/06/29

Test Results

Gauge Serial Number Used in Summary 80013

Run Depth (Log KB) 520.50 m

Run Depth (TVD KB) 520.50 m

Pressure at Stop Depth 5756.54 kPa(a)

MPP(TVD KB) 519.35 m

Representative Pressure at MPP 5744.86 kPa(a)

Reservoir Temperature 15.47 °C

Liquid Level(TVD KB) m

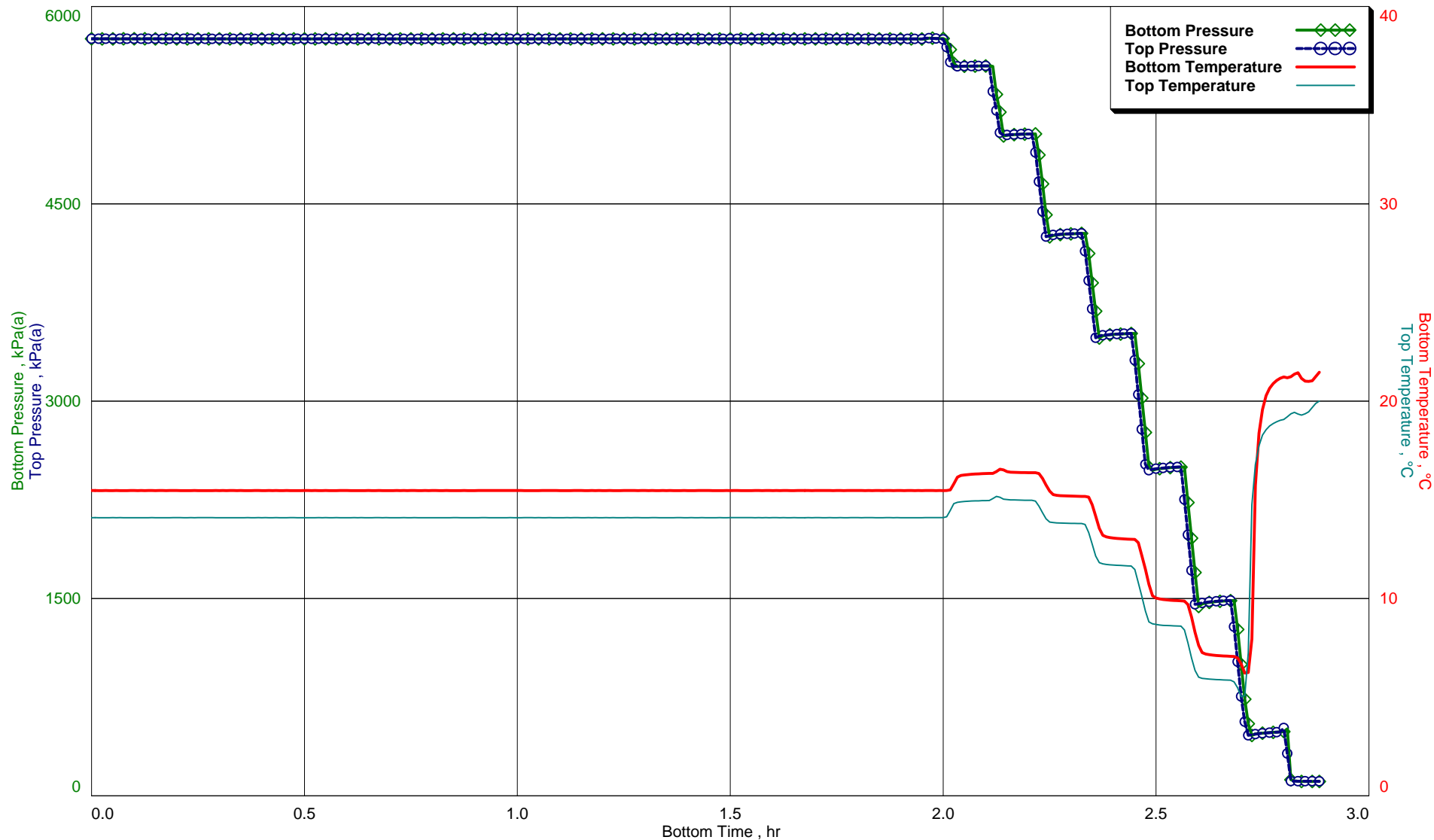
Remarks Fluid from surface.

For AB wells, the Interval (Log Depth mKB) must match the GCI Interval in the petroleum Registry for a successful submission

TUNDRA OIL & GAS LTD.
 100/04-20-016-27W1/0
 Start Test Date: 2012/06/27
 Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
 Formation: BAKKEN

Final Static Gradient Plot



Recorder Information

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/27
Final Test Date 2012/06/27

Well Name BIRDTAIL UNIT NO. 2 WIW
Formation BAKKEN

Gauge Name Bottom
Gauge Serial Number 80013
Run Depth (TVD KB) 520.50
Date of Last Calibration 2011/08/01
Gauge Start Date 2012/06/27
Gauge Stop Date 2012/06/27
Date Gauge On Bottom 2012/06/27
Date Gauge Off Bottom 2012/06/27

Gauge Type Strain
Gauge Manufacturer Spartek Systems
Gauge Model SS2552
Maximum Recorder Range 41370.00
Gauge Start Time 08:46:55
Gauge Stop Time 11:39:55
Time Gauge On Bottom 08:46:55
Time Gauge Off Bottom 10:46:55

Gauge Name Top
Gauge Serial Number 80355
Run Depth (TVD KB) 520.25
Date of Last Calibration 2011/08/01
Gauge Start Date 2012/06/27
Gauge Stop Date 2012/06/27
Date Gauge On Bottom 2012/06/27
Date Gauge Off Bottom 2012/06/27

Gauge Type Strain
Gauge Manufacturer Spartek Systems
Gauge Model SS2552
Maximum Recorder Range 41370.00
Gauge Start Time 08:46:55
Gauge Stop Time 11:39:55
Time Gauge On Bottom 08:46:55
Time Gauge Off Bottom 10:46:55

Final Static Gradient 2012/06/27

Company Name TUNDRA OIL & GAS LTD.
Well Name BIRDTAIL UNIT NO. 2 WIW

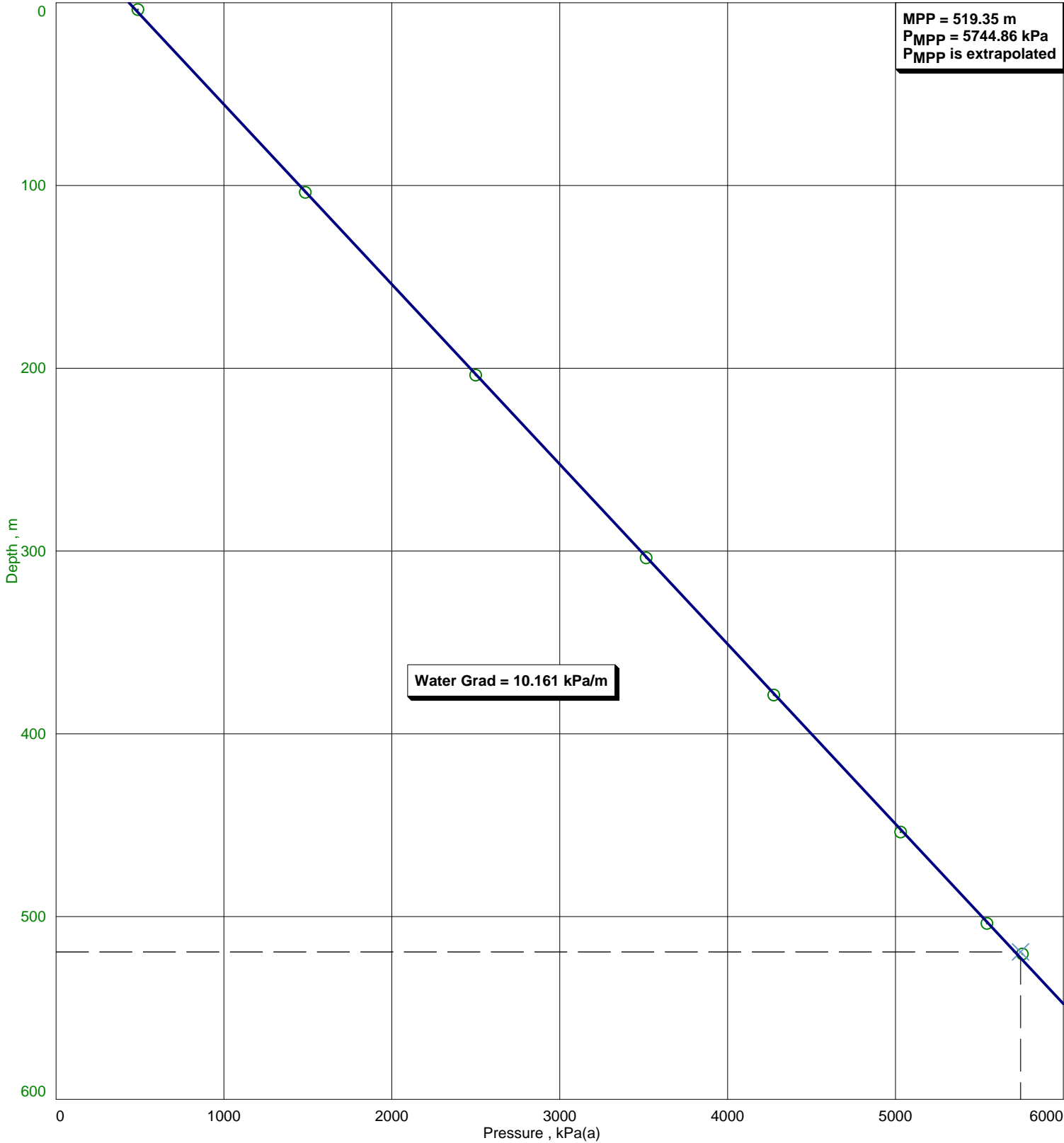
Bottom

Depth	Temp.	Pressure	Gradient	Gradient
m	°C	kPa(a)	kPa/m	°C/m
520.50	15.47	5756.54		
503.80	16.34	5545.28	12.651	-0.052
453.80	16.37	5031.27	10.280	-0.001
378.80	15.17	4275.49	10.077	0.016
303.80	12.99	3514.81	10.142	0.029
203.80	9.87	2499.98	10.148	0.031
103.80	7.06	1484.93	10.150	0.028
3.80	21.23	487.55	9.974	-0.142

Top

Time	Depth	Temp.	Pressure	Gradient	Gradient
HH:mm:ss	m	°C	kPa(a)	kPa/m	°C/m
10:46:55	524.05	14.10	5750.43		
10:53:55	503.55	14.96	5548.70	9.840	-0.042
10:59:55	453.55	14.98	5031.16	10.351	-0.000
11:06:55	378.55	13.80	4275.36	10.077	0.016
11:13:55	303.55	11.65	3515.22	10.135	0.029
11:20:55	203.55	8.60	2500.22	10.150	0.031
11:27:55	103.55	5.86	1485.31	10.149	0.027
11:34:55	3.55	19.03	484.86	10.004	-0.132

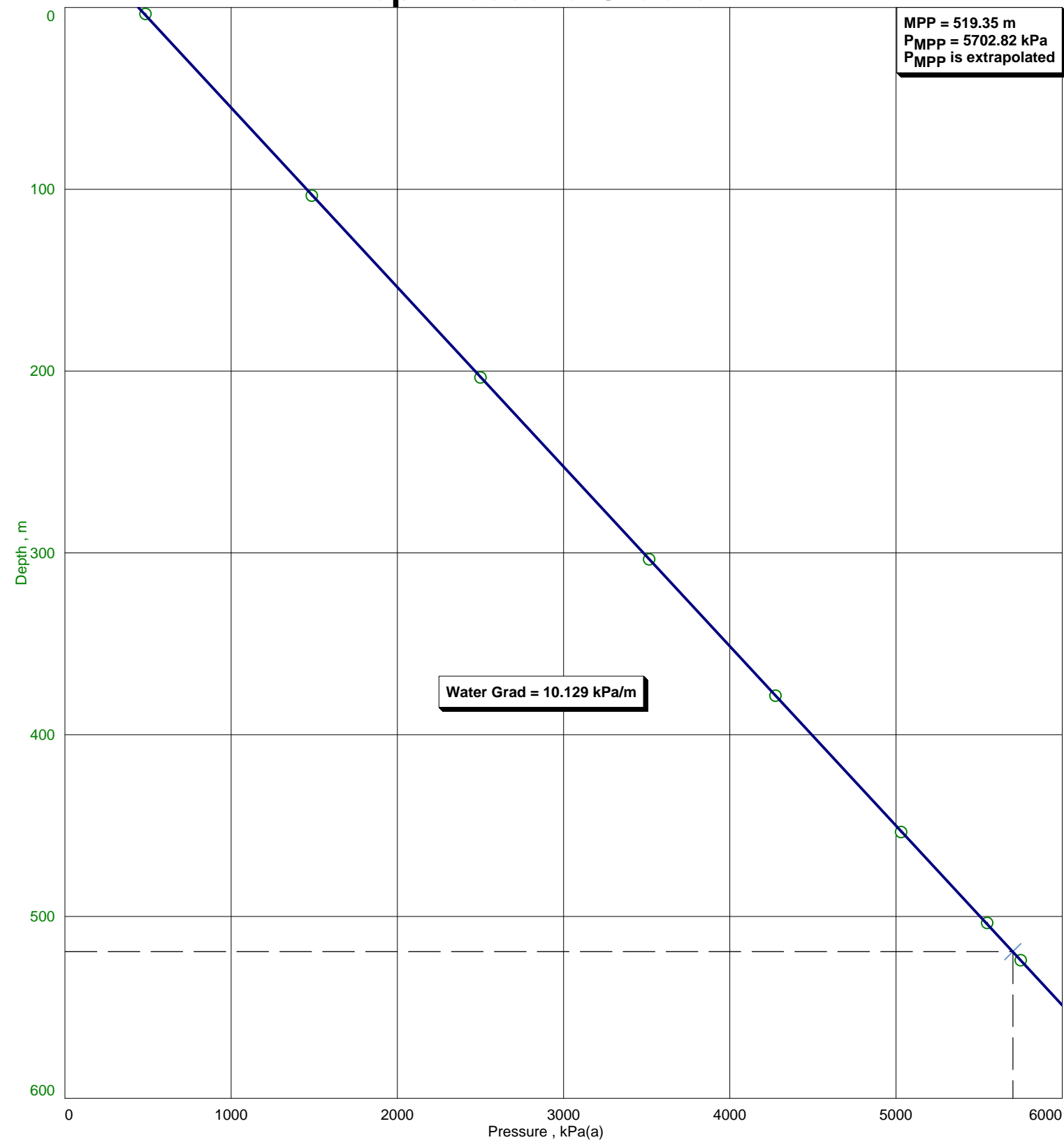
Bottom Pressure Gradient



TUNDRA OIL & GAS LTD.
100/04-20-016-27W1/0
Start Test Date: 2012/06/27
Final Test Date: 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
Formation: BAKKEN

Top Pressure Gradient



Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/27
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
1	2012/06/27 08:46:55	0.0000	5754.26	15.47	0.0000	5754.33	14.09
2	2012/06/27 08:49:25	0.0417	5754.41	15.46	0.0417	5754.37	14.09
3	2012/06/27 08:51:55	0.0833	5754.07	15.47	0.0833	5754.38	14.09
4	2012/06/27 08:54:25	0.1250	5754.47	15.47	0.1250	5754.24	14.09
5	2012/06/27 08:56:55	0.1667	5753.73	15.47	0.1667	5754.18	14.09
6	2012/06/27 08:59:25	0.2083	5754.26	15.47	0.2083	5754.29	14.10
7	2012/06/27 09:01:55	0.2500	5754.11	15.47	0.2500	5754.32	14.10
8	2012/06/27 09:04:25	0.2917	5753.90	15.47	0.2917	5754.36	14.09
9	2012/06/27 09:06:55	0.3333	5753.95	15.47	0.3333	5753.93	14.09
10	2012/06/27 09:09:25	0.3750	5753.97	15.47	0.3750	5754.13	14.09
11	2012/06/27 09:11:55	0.4167	5754.02	15.47	0.4167	5754.15	14.09
12	2012/06/27 09:14:25	0.4583	5753.84	15.47	0.4583	5754.06	14.09
13	2012/06/27 09:16:55	0.5000	5753.79	15.47	0.5000	5754.16	14.09
14	2012/06/27 09:19:25	0.5417	5753.85	15.47	0.5417	5754.09	14.09
15	2012/06/27 09:21:55	0.5833	5753.86	15.47	0.5833	5754.20	14.09
16	2012/06/27 09:24:25	0.6250	5753.97	15.47	0.6250	5754.16	14.09
17	2012/06/27 09:26:55	0.6667	5753.95	15.47	0.6667	5754.22	14.10
18	2012/06/27 09:29:25	0.7083	5754.12	15.47	0.7083	5754.14	14.09
19	2012/06/27 09:31:55	0.7500	5753.87	15.47	0.7500	5754.04	14.09
20	2012/06/27 09:34:25	0.7917	5753.89	15.47	0.7917	5754.23	14.09
21	2012/06/27 09:36:55	0.8333	5753.94	15.47	0.8333	5754.12	14.09
22	2012/06/27 09:39:25	0.8750	5753.96	15.47	0.8750	5754.11	14.09
23	2012/06/27 09:41:55	0.9167	5753.90	15.47	0.9167	5754.14	14.10
24	2012/06/27 09:44:25	0.9583	5753.86	15.47	0.9583	5754.24	14.09
25	2012/06/27 09:46:55	1.0000	5753.90	15.47	1.0000	5753.99	14.09
26	2012/06/27 09:49:25	1.0417	5753.98	15.47	1.0417	5754.06	14.09
27	2012/06/27 09:51:55	1.0833	5753.83	15.47	1.0833	5753.93	14.09
28	2012/06/27 09:54:25	1.1250	5753.71	15.46	1.1250	5754.04	14.09
29	2012/06/27 09:56:55	1.1667	5753.57	15.47	1.1667	5753.80	14.10
30	2012/06/27 09:59:25	1.2083	5753.61	15.47	1.2083	5754.09	14.10
31	2012/06/27 10:01:55	1.2500	5753.49	15.47	1.2500	5753.74	14.09
32	2012/06/27 10:04:25	1.2917	5753.58	15.47	1.2917	5754.00	14.09
33	2012/06/27 10:06:55	1.3333	5753.66	15.47	1.3333	5754.07	14.09
34	2012/06/27 10:09:25	1.3750	5754.07	15.47	1.3750	5753.74	14.10
35	2012/06/27 10:11:55	1.4167	5753.61	15.47	1.4167	5754.06	14.09
36	2012/06/27 10:14:25	1.4583	5753.89	15.47	1.4583	5753.83	14.09
37	2012/06/27 10:16:55	1.5000	5753.89	15.47	1.5000	5753.95	14.10
38	2012/06/27 10:19:25	1.5417	5753.48	15.47	1.5417	5753.99	14.10
39	2012/06/27 10:21:55	1.5833	5753.53	15.47	1.5833	5753.95	14.10
40	2012/06/27 10:24:25	1.6250	5754.02	15.47	1.6250	5754.24	14.10
41	2012/06/27 10:26:55	1.6667	5753.59	15.47	1.6667	5753.81	14.09
42	2012/06/27 10:29:25	1.7083	5753.64	15.47	1.7083	5753.89	14.10
43	2012/06/27 10:31:55	1.7500	5753.63	15.47	1.7500	5753.89	14.09
44	2012/06/27 10:34:25	1.7917	5753.66	15.47	1.7917	5753.88	14.10
45	2012/06/27 10:36:55	1.8333	5753.78	15.47	1.8333	5753.91	14.10

Print Filter: Approximately every 5 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/27	08:46:55	520.50 m
Top	80355	2012/06/27	08:46:55	520.25 m

Company Name TUNDRA OIL & GAS LTD.
Unique Well ID 100/04-20-016-27W1/0
Start Test Date 2012/06/27
Final Test Date 2012/06/27

BIRDTAIL UNIT NO. 2 WIW
BAKKEN

	Bottom Date	Bottom Time	Bottom Pres.	Bottom Temp.	Top Time	Top Pres.	Top Temp.
	YYYY/MM/DD HH:mm:ss	h	kPa(a)	°C	h	kPa(a)	°C
46	2012/06/27 10:39:25	1.8750	5753.50	15.47	1.8750	5753.98	14.10
47	2012/06/27 10:41:55	1.9167	5753.81	15.47	1.9167	5753.81	14.09
48	2012/06/27 10:44:25	1.9583	5752.34	15.47	1.9583	5759.16	14.10
49	2012/06/27 10:46:55	2.0000	5756.54	15.47	2.0000	5750.43	14.10
50	2012/06/27 10:49:25	2.0417	5545.25	16.23	2.0417	5546.02	14.90
51	2012/06/27 10:51:55	2.0833	5547.42	16.31	2.0833	5548.17	14.95
52	2012/06/27 10:54:25	2.1250	5331.41	16.43	2.1250	5208.90	15.17
53	2012/06/27 10:56:55	2.1667	5025.98	16.39	2.1667	5027.29	14.99
54	2012/06/27 10:59:25	2.2083	5030.68	16.37	2.2083	5031.16	14.98
55	2012/06/27 11:01:55	2.2500	4249.13	15.44	2.2500	4258.21	13.87
56	2012/06/27 11:04:25	2.2917	4270.38	15.19	2.2917	4271.28	13.81
57	2012/06/27 11:06:55	2.3333	4275.49	15.17	2.3333	4139.61	13.75
58	2012/06/27 11:09:25	2.3750	3496.09	13.20	2.3750	3500.89	11.75
59	2012/06/27 11:11:55	2.4167	3510.32	13.03	2.4167	3511.56	11.67
60	2012/06/27 11:14:25	2.4583	3284.92	12.83	2.4583	3050.30	10.80
61	2012/06/27 11:16:55	2.5000	2481.92	10.02	2.5000	2486.18	8.69
62	2012/06/27 11:19:25	2.5417	2495.66	9.90	2.5417	2497.71	8.61
63	2012/06/27 11:21:55	2.5833	1958.63	9.06	2.5833	1713.19	6.98
64	2012/06/27 11:24:25	2.6250	1469.87	7.15	2.6250	1474.11	5.91
65	2012/06/27 11:26:55	2.6667	1482.26	7.08	2.6667	1484.13	5.86
66	2012/06/27 11:29:25	2.7083	733.82	6.22	2.7083	562.71	5.08
67	2012/06/27 11:31:55	2.7500	476.42	19.57	2.7500	475.53	18.28
68	2012/06/27 11:34:25	2.7917	486.03	21.16	2.7917	484.86	19.03
69	2012/06/27 11:36:55	2.8333	110.87	21.44	2.8333	110.71	19.35
70	2012/06/27 11:39:25	2.8750	109.67	21.25	2.8750	110.28	19.88
71	2012/06/27 11:39:55	2.8833	109.18	21.47	2.8833	109.96	20.01

Print Filter: Approximately every 5 lines

Gauge Name	Serial Number	Start Date	Start Time	Run Depth (TVD)
Bottom	80013	2012/06/27	08:46:55	520.50 m
Top	80355	2012/06/27	08:46:55	520.25 m