

SINCLAIR UNIT NO. 12
WATERFLOOD EOR PROJECT
ANNUAL REPORT FOR 2015

June 17, 2016

Tundra Oil and Gas Partnership

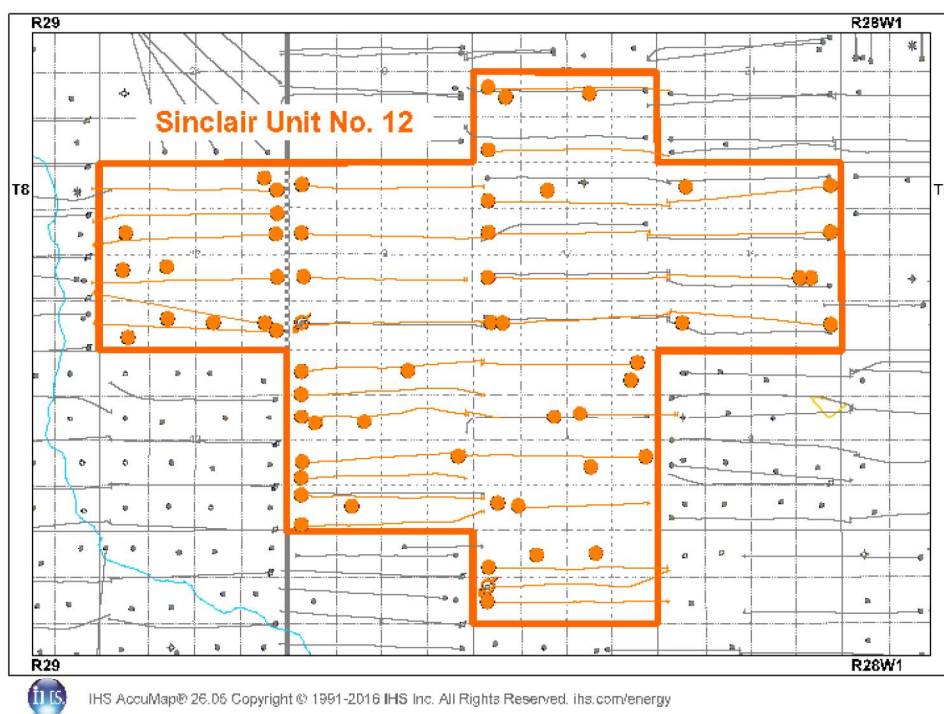
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INTRODUCTION

Sinclair Unit No. 12 Enhanced Oil Recovery (EOR) Waterflood Project was approved under Waterflood Order No. 44, effective February 1, 2015 with Tundra Oil and Gas (Tundra) as Operator. The EOR Unit area, outlined in orange, contains 57 producing wells and 2 injection wells in 112 LSDs in Township 8 Ranges 28 & 29 W1 as shown in the figure below. Well list and well status is available in Appendix A.

Figure 1: Sinclair Unit No. 12 Area Outline



In accordance with Section 73 of the Manitoba Drilling and Production Regulation, Tundra hereby submits the following 2015 Annual Progress Report for Sinclair Unit No. 12.

DISCUSSION

Production History

For the wells included in Sinclair Unit No. 12, production started in July 2004 with the 00/16-08-008-28W1 well. Average oil production peaked at 5.94 m³/d per well in February 2010. This production was coming from 43 wells and totaled 255.5 m³/d for the Unit. In December 2015, the Unit was producing 63.43 m³/d of oil and 102.02 m³/d of

water and had an average WOR of 1.61 m³/m³ in 2015. Water injection commenced in Sinclair Unit No. 11 in September 2015. The oil production rate, injection rate, and WOR for each injection pattern is presented in Appendix E. The rates and WOR are presented in Figure 2.

Figure 2: Sinclair Unit No. 12 Production/Injection Rates and WOR vs Time

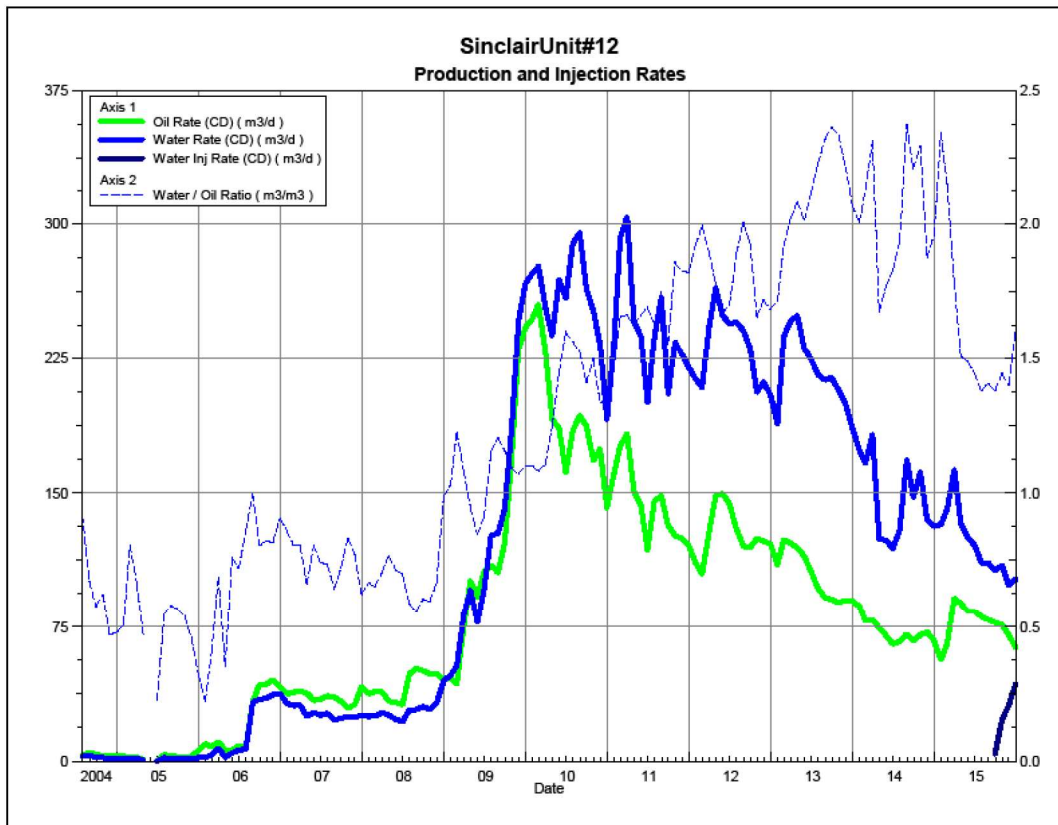
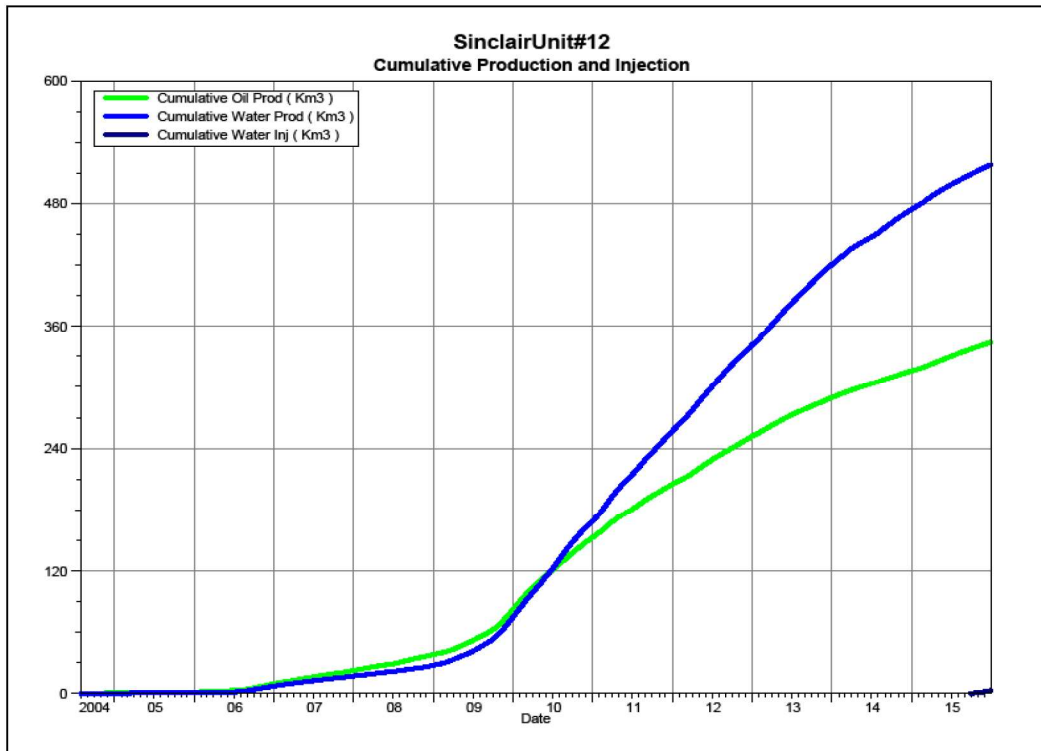


Figure 3 shows the cumulative production for Sinclair Unit No. 12 to the end of December 2015 as 343.8 e³m³ of oil, and 518.5 e³m³ of water, representing a 7.5% recovery factor of the OOIP. The cumulative water injected is 3.12 e³m³. The cumulative volume of oil, and water produced and fluid injected for each injection pattern is presented in Appendix E.

Figure 3: Sinclair Unit No. 12 Cumulative Oil, Water and Water Injected vs Time



Waterflood Development Plan

Sinclair Unit No. 12 Waterflood (WF) Development Plan

Twenty-three (23) horizontal wells are planned to be drilled in Sinclair Unit No. 12. The new water injection wells will be placed on injection after a pre-production period. No vertical wells are planned for conversion. In November 2014, four (4) proposed future injection wells (02/12-05, 02/05-07, 03/12-07-008-28W1 and 03/09-13-008-29W1) were drilled between existing horizontal/vertical producing wells, completing waterflood patterns with effective 20 acre spacing. In 2015, the 02/12-05 and 00/04-18-008-28W1 wells were converted to water injection. All of the horizontal wells are fracture stimulated to improve the injection rates. Water injection commenced in Sinclair Unit No. 12 in September 2015. As of December 2015, Sinclair Unit No. 12 had 2 injection patterns in place. In 2016, Tundra is planning to convert 2 more existing producers to injectors.

Production performance by injector pattern are summarized in Appendix B.

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

Waterflood EOR Operating Strategy and Performance

Water Source and Quality

The injection water for Sinclair Unit No. 12 will be sourced from the 16-32-007-29W1 well (Lodgepole formation). The water is treated at the 03-04-007-29W1 battery where it is filtered to 0.5 microns and has scale inhibitor added. The injection water is then distributed to the injectors through the dedicated infrastructure system.

Injection Wellhead Pressures

Injection started in this Unit in September 2015. The average monthly wellhead injection pressure for each injection well is summarized in Appendix D. Since injection in this Unit is still in the early stages, the injector(s) are still building up to a target injection pressure of 6300 kPaa.

Reservoir Pressure

Where practical, Tundra is committed to collecting pressure data from newly drilled openhole injection wells. For Sinclair Unit No. 12, pressure data taken in 2015 from 5 locations is currently available (Appendix C). Pressures are corrected to a common datum of -450 m SS for comparison with other units in the area.

Well Servicing

The following table summarizes the well servicing performed within Sinclair Unit No. 12 during 2015:

Table 1: Sinclair Unit No. 12 Well Servicing

100.08-22-008-28W1.00	Pump Change / Tubing Reconfiguration	1/7/2015
102.05-07-008-28W1.00	Bakken Open Hole Frac	2/10/2015
100.05-18-008-28W1.00	Pump Change	4/21/2015
100.13-05-008-28W1.00	Pump Change / Tubing Reconfiguration	6/9/2015
102.07-05-008-28W1.00	Rod Failure	6/10/2015
100.08-13-008-29W1.00	Cemented Liner Cleanout	7/9/2015
100.04-18-008-28W1.00	WIW Conversion	8/10/2015
102.08-16-008-28W1.00	Pump Change	8/13/2015
100.01-22-008-28W1.00	Pump Change	10/8/2015
102.07-05-008-28W1.00	Pump Change	11/20/2015

Waterflood Performance Discussion

Twenty-three (23) horizontal wells are planned to be drilled in Sinclair Unit No. 12 for waterflood conversion. No vertical wells are planned for conversion. Water injection commenced in Sinclair Unit No. 12 in September 2015. As of December 2015, Sinclair Unit No. 12 waterflood area had 9 injection patterns in place, however, only 2 of these patterns are on active water injection. In 2016, Tundra is planning to convert 2 more existing producers to injectors.

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

List of Appendices

Appendix A: Well Name and Well Status

Appendix B: Injection Pattern Summary

Appendix C: Reservoir Pressure Summary

Appendix D: Injection Pressure Summary

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

102/12-05-008-28W1/0

103/04-07-008-28W1/0

102/05-07-008-28W1/0

103/12-07-008-28W1/0

100/09-16-008-28W1/0

100/12-17-008-28W1/0

100/04-18-008-28W1/0

103/01-13-008-29W1/0

103/09-13-008-29W1/0

Appendix A

UWI	Surface Location	Type	Well Status
100/12-05-008-28W1/0	100/12-04-008-28W1/C	Horizontal	Capable of Oil Prod
102/12-05-008-28W1/0	102/13-04-008-28W1/C	Horizontal	WTR Injection
100/13-05-008-28W1/0	100/13-04-008-28W1/C	Horizontal	Capable of Oil Prod
100/14-05-008-28W1/0	---	Vertical	Capable of Oil Prod
100/15-05-008-28W1/2	---	Vertical	Capable of Oil Prod
100/03-07-008-28W1/0	---	Vertical	Capable of Oil Prod
100/04-07-008-28W1/0	100/04-08-008-28W1/C	Horizontal	Capable of Oil Prod
103/04-07-008-28W1/0	103/04-08-008-28W1/C	Horizontal	Capable of Oil Prod
100/05-07-008-28W1/0	100/08-07-008-28W1/C	Horizontal	Capable of Oil Prod
102/05-07-008-28W1/0	102/08-07-008-28W1/C	Horizontal	Capable of Oil Prod
100/08-07-008-28W1/0	---	Vertical	Capable of Oil Prod
100/11-07-008-28W1/0	---	Vertical	Capable of Oil Prod
100/12-07-008-28W1/0	---	Vertical	Capable of Oil Prod
102/12-07-008-28W1/0	102/09-07-008-28W1/C	Horizontal	Capable of Oil Prod
103/12-07-008-28W1/0	103/13-08-008-28W1/C	Horizontal	Capable of Oil Prod
100/13-07-008-28W1/0	100/13-08-008-28W1/C	Horizontal	Capable of Oil Prod
100/15-07-008-28W1/0	---	Vertical	Capable of Oil Prod
100/04-08-008-28W1/0	---	Vertical	Capable of Oil Prod
102/04-08-008-28W1/0	102/01-08-008-28W1/C	Horizontal	Capable of Oil Prod
100/07-08-008-28W1/0	---	Vertical	Capable of Oil Prod
100/08-08-008-28W1/0	100/08-07-008-28W1/C	Horizontal	Capable of Oil Prod
100/10-08-008-28W1/0	100/12-09-008-28W1/C	Horizontal	Capable of Oil Prod
100/11-08-008-28W1/0	100/09-07-008-28W1/C	Horizontal	Capable of Oil Prod
100/16-08-008-28W1/0	---	Vertical	Capable of Oil Prod
102/16-08-008-28W1/0	102/13-08-008-28W1/C	Horizontal	Capable of Oil Prod
100/01-16-008-28W1/0	100/04-16-008-28W1/C	Horizontal	Capable of Oil Prod
100/04-16-008-28W1/0	---	Vertical	Capable of Oil Prod
100/08-16-008-28W1/0	---	Vertical	Capable of Oil Prod
102/08-16-008-28W1/0	102/05-16-008-28W1/C	Horizontal	Capable of Oil Prod
100/09-16-008-28W1/0	100/09-17-008-28W1/C	Horizontal	Capable of Oil Prod

UWI	Surface Location	Type	Well Status
100/13-16-008-28W1/0	---	Vertical	Capable of Oil Prod
100/16-16-008-28W1/0	100/13-16-008-28W1/C	Horizontal	Capable of Oil Prod
100/04-17-008-28W1/0	---	Vertical	Capable of Oil Prod
102/04-17-008-28W1/0	102/04-16-008-28W1/C	Horizontal	Capable of Oil Prod
100/05-17-008-28W1/0	100/05-16-008-28W1/C	Horizontal	Capable of Oil Prod
100/12-17-008-28W1/0	100/09-17-008-28W1/C	Horizontal	Capable of Oil Prod
100/13-17-008-28W1/0	100/13-16-008-28W1/C	Horizontal	Capable of Oil Prod
100/14-17-008-28W1/0	---	Vertical	Capable of Oil Prod
100/04-18-008-28W1/0	100/04-17-008-28W1/C	Horizontal	WTR Injection
100/05-18-008-28W1/0	100/08-18-008-28W1/C	Horizontal	Capable of Oil Prod
100/12-18-008-28W1/0	100/12-17-008-28W1/C	Horizontal	Capable of Oil Prod
100/13-18-008-28W1/0	100/13-17-008-28W1/C	Horizontal	Capable of Oil Prod
100/04-20-008-28W1/0	100/04-21-008-28W1/C	Horizontal	Capable of Oil Prod
100/05-20-008-28W1/0	---	Vertical	Capable of Oil Prod
102/05-20-008-28W1/0	102/05-21-008-28W1/C	Horizontal	Capable of Oil Prod
100/07-20-008-28W1/2	---	Vertical	Capable of Oil Prod
102/01-13-008-29W1/0	102/01-14-008-29W1/C	Horizontal	Capable of Oil Prod
103/01-13-008-29W1/0	103/08-14-008-29W1/C	Horizontal	Capable of Oil Prod
100/02-13-008-29W1/0	---	Vertical	Capable of Oil Prod
100/03-13-008-29W1/0	---	Vertical	Capable of Oil Prod
100/04-13-008-29W1/0	---	Vertical	Capable of Oil Prod
100/05-13-008-29W1/0	---	Vertical	Capable of Oil Prod
100/06-13-008-29W1/0	---	Vertical	Capable of Oil Prod
100/08-13-008-29W1/0	100/08-14-008-29W1/C	Horizontal	Capable of Oil Prod
102/09-13-008-29W1/0	102/09-14-008-29W1/C	Horizontal	Capable of Oil Prod
103/09-13-008-29W1/0	103/09-14-008-29W1/C	Horizontal	Capable of Oil Prod
100/12-13-008-29W1/0	---	Vertical	Capable of Oil Prod
100/16-13-008-29W1/0	---	Vertical	Capable of Oil Prod
102/16-13-008-29W1/0	102/16-14-008-29W1/C	Horizontal	Capable of Oil Prod

Appendix B

Sinclair Unit No. 12 Injection Pattern Summary as of December 2015

Pattern Name	Injector BH Location (008-28W1)	Injector Surf. Location (008-28W1)	Status	No. of Supported Wells	Supported Wells (008-28W1)	Allocation Factor	Pattern Prod Start Month	Injector Start Month	Oil Rate (m³/d)	Water Rate (m³/d)	WOR (m³/m³)	Water Injection (m³/d)	Cum Oil (E ⁶ m³)	Cum Water (E ⁶ m³)	Cum Inj Water (E ⁶ m³)	Monthly VRR	Cum VRR
02/12-05-008-28Inj	02/12-05	02/13-04	WTR Injection	4	12-05, 13-05 14-05, 15-05	0.5 0.3	Aug 2006	Dec 2015	0.89	5.06	5.66	16.84	10.81	10.00	0.52	2.799	0.024
03/04-07-008-28Inj	03/04-07	03/04-08	Capable of OIL Prod	4	03-07 04-07, 15-06, 16-06	0.7 0.5	Aug 2006	-	2.69	2.00	0.74	-	11.66	7.51	0.0	0.0	0.00
02/05-07-008-28Inj	02/05-07	02/08-07	Capable of OIL Prod	4	03-07 04-07, 05-07, 08-07	0.3 0.5	Aug 2006	-	4.4	8.2	1.89	-	14.0	21.7	0.0	0.0	0.00
03/12-07-008-28Inj	03/12-07	03/13-08	Capable of OIL Prod	5	11-07, 12-07 02/12-07, 13-07 15-07	0.3 0.5 0.7	Aug 2006	-	6.4	12.0	1.88	-	12.8	19.2	0.0	0.0	0.00
00/09-16-008-28Inj	00/09-16	00/09-17	Capable of OIL Prod	4	08-16, 02/08-16, 16-16 13-16	0.5 0.3	Nov 2006	-	2.3	3.3	1.42	-	19.5	24.3	0.0	0.0	0.00
00/12-17-008-28Inj	00/12-17	00/09-17	Capable of OIL Prod	3	05-17, 13-17 14-17	0.5 0.3	Aug 2006	-	4.0	3.8	0.94	-	24.2	24.3	0.0	0.0	0.00
00/04-18-008-28Inj	00/04-18	00/04-17	WTR Injection	3	15-07 13-07, 05-18	0.3 0.5	Aug 2006	Sep 2015	0.99	2.20	2.23	26.42	16.34	77.93	2.60	8.107	0.027
03/01-13-008-29W1	03/01-13-008-29W1	03/04-18-008-29W1	Capable of OIL Prod	7	02-13, 03-13, 04-13 08-13, 02/01-13 05-13, 06-13	0.7 0.5 0.3	Dec 2005	-	6.26	9.84	1.57	-	15.46	16.94	0.0	0.0	0.00
03/09-13-008-29Inj	00/09-13-008-29W1	03/09-14-008-29W1	Capable of OIL Prod	4	02/09-13, 12-13, 02/16-13 16-13	0.5 0.3	Aug 2006	-	5.2	6.2	1.18	-	13.4	16.2	0.0	0.0	0.00

APPENDIX C

Sinclair Unit No. 12 - Pressure Summary

Location	Test Date	Final Pressure (kPaa)	MPP (mTVD)	KB	Datum Depth	Gradient	Pressure @ -450 masl
02/12-05-008-28W1/0	Dec 10 - Jan 31, 2015	1593.3	933.18	502.90	-450	8.25	1756
02/05-07-008-28W1/0	Nov 30, 2014 - Jan 31, 2015	4821.7	938.67	507.75	-450	8.25	4979
03/12-07-008-28W1/0	Dec 2 - Jan 20, 2015	5771.6	931.15	507.30	-450	8.25	5987
03/01-13-008-29W1/0	Jan 19 - Feb 11, 2015	3837.0	936.69	511.05	-450	8.25	4038
03/09-13-008-29W1/0	Nov 22, 2014 - Jan 7, 2015	4218.6	938.11	512.09	-450	8.25	4416



TUNDRA OIL & GAS PARTNERSHIP

SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28

102/05-07-008-28W1/00

LICENSE #: 10197

BAKKEN FORMATION

RESERVOIR PRESSURE SURVEY TEST

NOVEMBER 30th, 2014 - JANUARY 31st, 2015

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

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

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

E-mail: qualityw@sasktel.net

Pressure Survey Report

Company Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Contact	CRAIG [REDACTED]
e-mail	craig.lane@tundraoilandgas.com
Phone	(204) 748-4409
Site Contact	BRENT [REDACTED]
Site Phone	(204) 522-0864

Well Information

Well Name	SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28
Unique Well ID	102/05-07-008-28W1/00
Surface Location	8A-7 / A5B-7-8-28
Well License Number	10197
Well Type	Horizontal
Well Fluid Type	01 Oil
Field	SINCLAIR

KB Elevation (SL)	507.75 m
CF Elevation (SL)	503.65 m
GL Elevation (SL)	503.65 m
Distance from KB to CF (Log)	4.10 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	mm
Casing OD	177.8 mm
Casing Depth(Log KB)	1038.00000 m
Casing Depth(TVD KB)	934.81000 m
PBTD(Log KB)	m
PBTD(TVD KB)	m

Pressure Survey Report

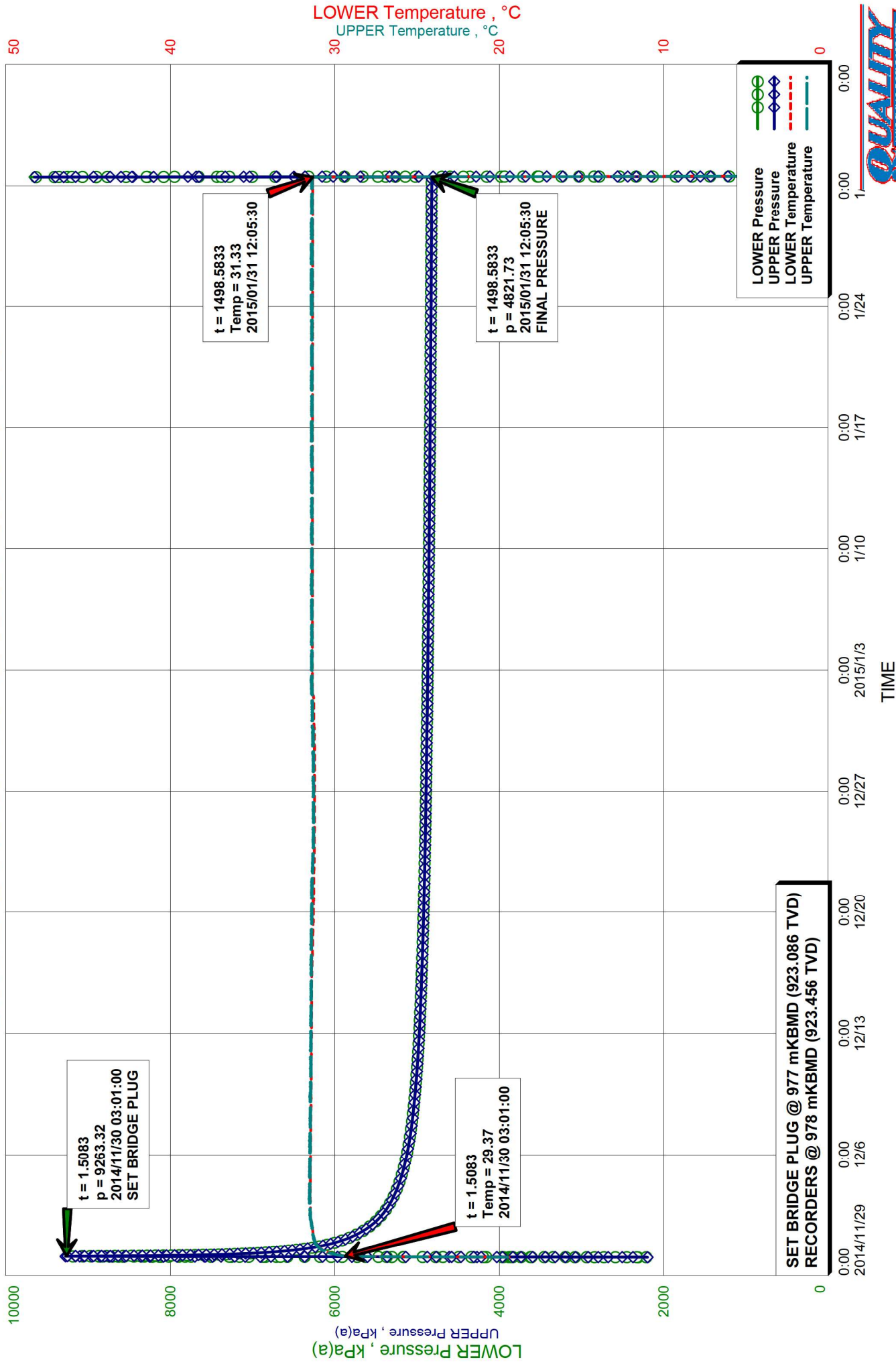
Test Information

Well Name	SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28
Unique Well ID	102/05-07-008-28W1/00
Surface Location	8A-7 / A5B-7-8-28
Well License Number	10197
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Test Type	RESERVOIR PRESSURE SURVEY
Formation	BAKKEN
Well Type Indicator	Horizontal
Test/Prod. Interval Top KB (Log)	1038.00 m
Test/Prod. Interval Base KB (Log)	2328.00 m
MPP(Log KB)	1683.00 m
Test/Prod Interval Top KB (TVD)	934.81 m
Test/Prod. Interval Base m KB (TVD)	942.53 m
MPP(TVD KB)	938.67 m
Tubing Pressure Initial	kPa(a)
Casing Pressure Initial	kPa(a)
Tubing Pressure: Final	kPa(a)
Casing Pressure: Final	kPa(a)
Time/Date Well Shut-In	2014/11/30 03:01:00
Final Test Date/Time	2015/01/31 12:05:30
Gauge Serial Number Used in Summary	VC3
Last Measured Pressure at Run Depth	4821.73 kPa(a)
Reservoir Temperature	31.33 °C
Service Company	Quality Wireline Services Ltd.
Representative	IVORY [REDACTED]
Prepared By	DOLLCO Well Data Services
Qualified By	RICK [REDACTED]
Report Date	2014/02/03

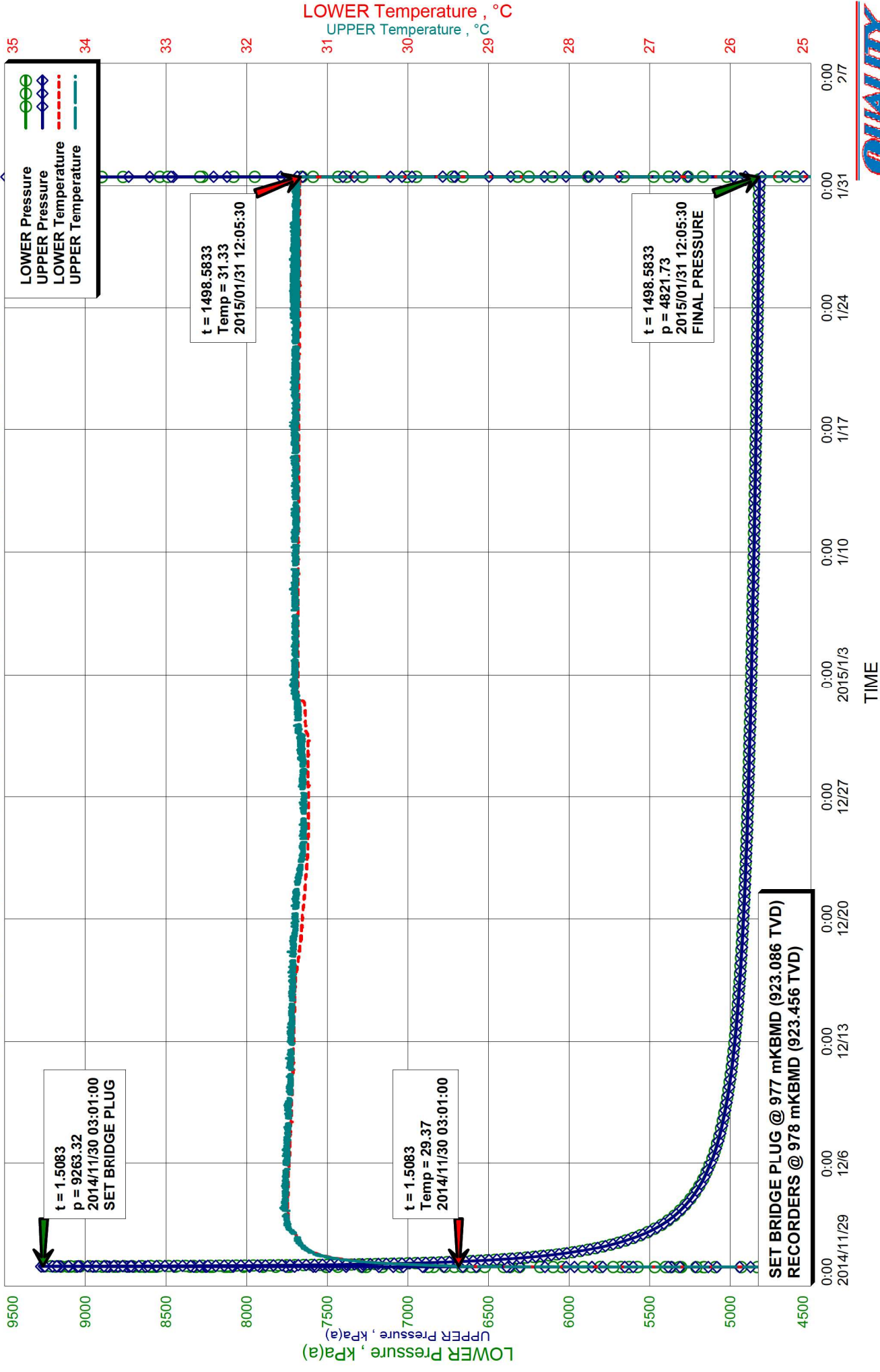
RECORDERS SET @ 978 mKBMD (923.456 TVD), BELOW BRIDGE PLUG
OPEN HOLE: 1038 - 2328 mKBMD (934.81 - 942.53 TVD)



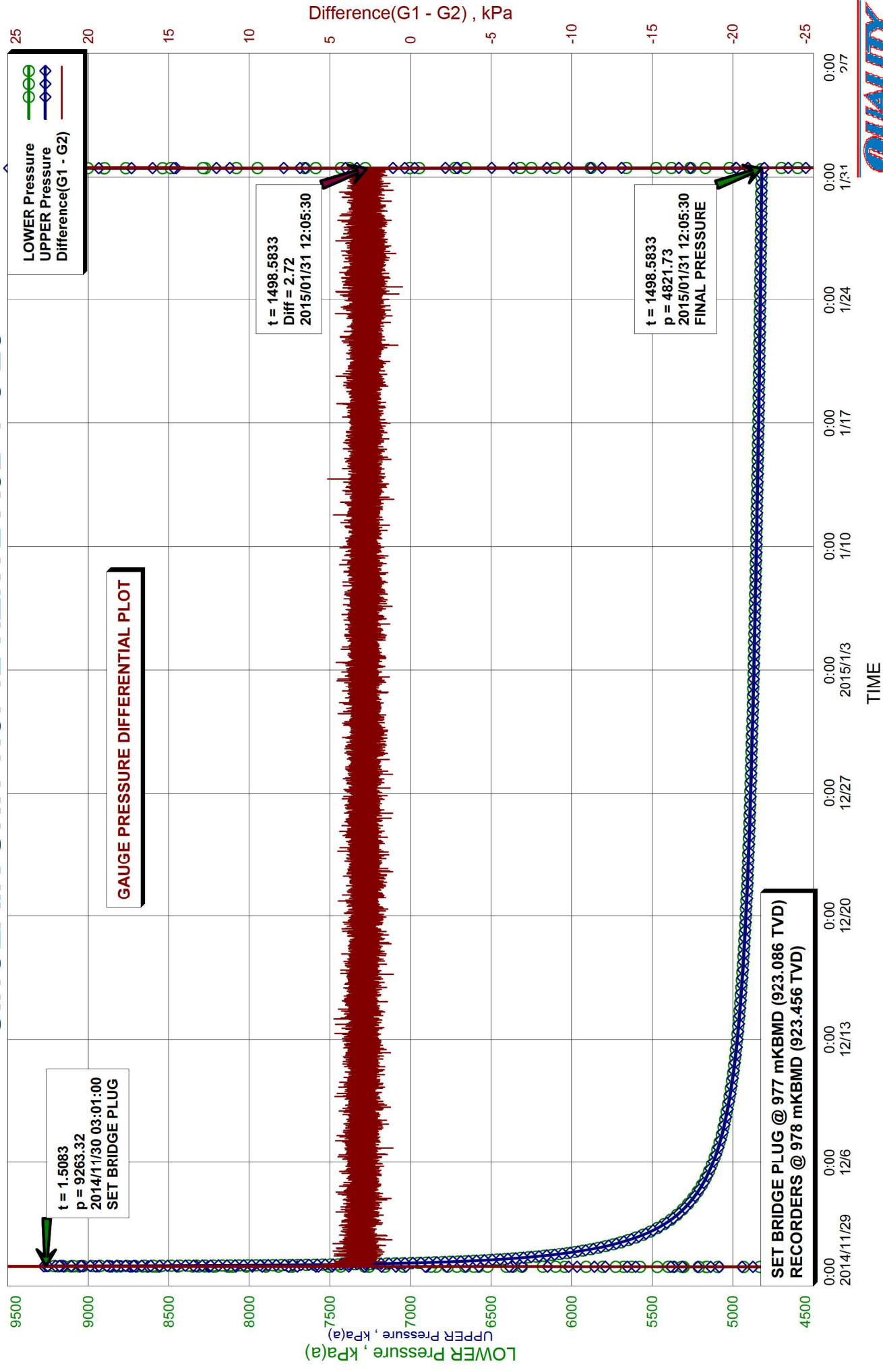
SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28



SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28



SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28



Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	102/05-07-008-28W1/00
Well Name	SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28
Formation	BAKKEN
Start Test Date	2014/11/30
Final Test Date	2015/01/31

Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	VC3	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	978.00 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2014/07/11	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2014/11/30	Gauge Start Time	01:30:30
Gauge Stop Date	2015/01/31	Gauge Stop Time	18:00:00
Date Gauge On Bottom	2014/11/30	Time Gauge On Bottom	03:00:00
Date Gauge Off Bottom	2015/01/31	Time Gauge Off Bottom	12:15:30

Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	VC4	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	978.00 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2014/07/11	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2014/11/30	Gauge Start Time	01:30:30
Gauge Stop Date	2015/01/31	Gauge Stop Time	18:00:00
Date Gauge On Bottom	2014/11/30	Time Gauge On Bottom	03:00:00
Date Gauge Off Bottom	2015/01/31	Time Gauge Off Bottom	12:15:30

TUNDRA OIL & GAS PARTNERSHIP
102/05-07-008-28W1/00
Start Test Date: 2014/11/30
Final Test Date: 2015/01/31

SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 978 mKBMD (923.456 TVD)

	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	Diff. G1 - G2 kPa
1	2014/11/30	01:30:30	0.0000	2312.09	19.40	0.0000	2195.62	19.47	116.47
2	2014/11/30	01:30:30	0.0000	RIH, ACTIVATE RECORDERS S/N: VC3(L) & VC4(U)					
3	2014/11/30	01:31:00	0.0083	2210.71	19.41	0.0083	2215.88	19.48	-5.17
4	2014/11/30	03:00:00	1.4917	9156.69	29.37	1.4917	9151.71	29.39	4.98
5	2014/11/30	03:00:00	1.4917	RECORDERS ON BOTTOM @ 978 mKBMD (923.456 TVD)					
6	2014/11/30	03:00:30	1.5000	9140.99	29.37	1.5000	9151.10	29.42	-10.11
7	2014/11/30	03:01:00	1.5083	9263.32	29.37	1.5083	9251.34	29.36	11.98
8	2014/11/30	03:01:00	1.5083	SET BRIDGE PLUG @ 977 mKBMD (923.086 TVD)					
9	2014/11/30	03:01:30	1.5167	9241.53	29.37	1.5167	9232.26	29.42	9.27
10	2014/11/30	09:30:30	8.0000	6667.91	30.55	8.0000	6665.58	30.59	2.33
11	2014/11/30	17:30:30	16.0000	6147.87	31.04	16.0000	6144.67	31.06	3.20
12	2014/12/01	01:30:30	24.0000	5892.46	31.23	24.0000	5889.46	31.26	3.00
13	2014/12/01	09:30:30	32.0000	5727.82	31.31	32.0000	5724.75	31.33	3.07
14	2014/12/01	17:30:30	40.0000	5608.77	31.35	40.0000	5605.56	31.36	3.21
15	2014/12/02	01:30:30	48.0000	5517.52	31.41	48.0000	5514.37	31.42	3.15
16	2014/12/02	09:30:30	56.0000	5446.65	31.47	56.0000	5443.51	31.48	3.14
17	2014/12/02	17:30:30	64.0000	5389.33	31.48	64.0000	5386.31	31.50	3.02
18	2014/12/03	01:30:30	72.0000	5342.56	31.48	72.0000	5339.03	31.51	3.53
19	2014/12/03	09:30:30	80.0000	5303.06	31.49	80.0000	5300.22	31.53	2.84
20	2014/12/03	17:30:30	88.0000	5269.60	31.49	88.0000	5266.54	31.52	3.06
21	2014/12/04	01:30:30	96.0000	5239.84	31.49	96.0000	5237.10	31.51	2.74
22	2014/12/04	09:30:30	104.0000	5214.11	31.49	104.0000	5211.31	31.51	2.80
23	2014/12/04	17:30:30	112.0000	5191.51	31.48	112.0000	5188.58	31.52	2.93
24	2014/12/05	01:30:30	120.0000	5170.55	31.48	120.0000	5167.80	31.52	2.75
25	2014/12/05	09:30:30	128.0000	5153.36	31.48	128.0000	5150.36	31.52	3.00
26	2014/12/05	17:30:30	136.0000	5137.17	31.48	136.0000	5134.33	31.51	2.84
27	2014/12/06	01:30:30	144.0000	5122.45	31.47	144.0000	5119.35	31.50	3.10
28	2014/12/06	09:30:30	152.0000	5108.51	31.47	152.0000	5106.06	31.49	2.45
29	2014/12/06	17:30:30	160.0000	5096.91	31.47	160.0000	5093.97	31.50	2.94
30	2014/12/07	01:30:30	168.0000	5085.42	31.46	168.0000	5082.57	31.50	2.85
31	2014/12/07	09:30:30	176.0000	5075.25	31.46	176.0000	5072.38	31.50	2.87
32	2014/12/07	17:30:30	184.0000	5065.77	31.46	184.0000	5062.60	31.49	3.17
33	2014/12/08	01:30:30	192.0000	5056.90	31.45	192.0000	5053.80	31.48	3.10
34	2014/12/08	09:30:30	200.0000	5049.04	31.45	200.0000	5046.19	31.48	2.85
35	2014/12/08	17:30:30	208.0000	5041.41	31.45	208.0000	5038.56	31.48	2.85
36	2014/12/09	01:30:30	216.0000	5033.95	31.44	216.0000	5031.16	31.48	2.79
37	2014/12/09	09:30:30	224.0000	5027.35	31.44	224.0000	5024.52	31.49	2.83
38	2014/12/09	17:30:30	232.0000	5020.82	31.44	232.0000	5017.80	31.47	3.02
39	2014/12/10	01:30:30	240.0000	5014.74	31.43	240.0000	5011.70	31.46	3.04
40	2014/12/10	09:30:30	248.0000	5009.09	31.43	248.0000	5006.07	31.46	3.02

LOWER Serial Number: VC3 Start Date: 2014/11/30 01:30:30 Run Depth: 978.00
UPPER Serial Number: VC4 Start Date: 2014/11/30 01:30:30 Run Depth: 978.00
Print Filter: Print every 8 hour

TUNDRA OIL & GAS PARTNERSHIP
102/05-07-008-28W1/00
Start Test Date: 2014/11/30
Final Test Date: 2015/01/31

SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 978 mKBMD (923.456 TVD)

	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	Diff. G1 - G2 kPa
41	2014/12/10	17:30:30	256.0000	5004.04	31.43	256.0000	5001.02	31.46	3.02
42	2014/12/11	01:30:30	264.0000	4999.21	31.43	264.0000	4995.79	31.43	3.42
43	2014/12/11	09:30:30	272.0000	4993.19	31.42	272.0000	4990.87	31.46	2.32
44	2014/12/11	17:30:30	280.0000	4989.45	31.42	280.0000	4986.61	31.45	2.84
45	2014/12/12	01:30:30	288.0000	4984.92	31.42	288.0000	4982.16	31.45	2.76
46	2014/12/12	09:30:30	296.0000	4980.88	31.42	296.0000	4977.96	31.45	2.92
47	2014/12/12	17:30:30	304.0000	4976.34	31.42	304.0000	4974.07	31.45	2.27
48	2014/12/13	01:30:30	312.0000	4973.07	31.42	312.0000	4970.34	31.45	2.73
49	2014/12/13	09:30:30	320.0000	4969.62	31.41	320.0000	4966.74	31.44	2.88
50	2014/12/13	17:30:30	328.0000	4966.13	31.41	328.0000	4963.33	31.45	2.80
51	2014/12/14	01:30:30	336.0000	4963.02	31.41	336.0000	4960.11	31.44	2.91
52	2014/12/14	09:30:30	344.0000	4959.89	31.41	344.0000	4956.92	31.44	2.97
53	2014/12/14	17:30:30	352.0000	4956.87	31.41	352.0000	4954.02	31.43	2.85
54	2014/12/15	01:30:30	360.0000	4954.16	31.40	360.0000	4951.23	31.43	2.93
55	2014/12/15	09:30:30	368.0000	4951.42	31.40	368.0000	4948.45	31.44	2.97
56	2014/12/15	17:30:30	376.0000	4948.91	31.40	376.0000	4946.08	31.43	2.83
57	2014/12/16	01:30:30	384.0000	4946.41	31.40	384.0000	4943.41	31.43	3.00
58	2014/12/16	09:30:30	392.0000	4944.51	31.40	392.0000	4940.78	31.43	3.73
59	2014/12/16	17:30:30	400.0000	4941.06	31.39	400.0000	4938.49	31.43	2.57
60	2014/12/17	01:30:30	408.0000	4938.82	31.38	408.0000	4935.81	31.42	3.01
61	2014/12/17	09:30:30	416.0000	4936.68	31.37	416.0000	4933.57	31.42	3.11
62	2014/12/17	17:30:30	424.0000	4934.28	31.36	424.0000	4931.41	31.42	2.87
63	2014/12/18	01:30:30	432.0000	4931.99	31.35	432.0000	4929.14	31.42	2.85
64	2014/12/18	09:30:30	440.0000	4929.19	31.34	440.0000	4927.23	31.42	1.96
65	2014/12/18	17:30:30	448.0000	4927.83	31.33	448.0000	4924.98	31.43	2.85
66	2014/12/19	01:30:30	456.0000	4925.54	31.32	456.0000	4922.84	31.41	2.70
67	2014/12/19	09:30:30	464.0000	4924.03	31.32	464.0000	4920.87	31.40	3.16
68	2014/12/19	17:30:30	472.0000	4922.86	31.31	472.0000	4919.35	31.40	3.51
69	2014/12/20	01:30:30	480.0000	4919.99	31.31	480.0000	4917.19	31.39	2.80
70	2014/12/20	09:30:30	488.0000	4918.51	31.30	488.0000	4915.65	31.39	2.86
71	2014/12/20	17:30:30	496.0000	4916.57	31.29	496.0000	4913.54	31.39	3.03
72	2014/12/21	01:30:30	504.0000	4914.52	31.29	504.0000	4911.78	31.38	2.74
73	2014/12/21	09:30:30	512.0000	4912.97	31.28	512.0000	4910.36	31.38	2.61
74	2014/12/21	17:30:30	520.0000	4911.39	31.27	520.0000	4908.69	31.37	2.70
75	2014/12/22	01:30:30	528.0000	4909.63	31.27	528.0000	4906.74	31.36	2.89
76	2014/12/22	09:30:30	536.0000	4908.43	31.27	536.0000	4905.43	31.35	3.00
77	2014/12/22	17:30:30	544.0000	4907.28	31.26	544.0000	4904.38	31.34	2.90
78	2014/12/23	01:30:30	552.0000	4905.69	31.25	552.0000	4902.87	31.33	2.82
79	2014/12/23	09:30:30	560.0000	4904.57	31.25	560.0000	4901.90	31.31	2.67
80	2014/12/23	17:30:30	568.0000	4903.32	31.24	568.0000	4900.30	31.30	3.02

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TUNDRA OIL & GAS PARTNERSHIP
102/05-07-008-28W1/00
Start Test Date: 2014/11/30
Final Test Date: 2015/01/31

SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 978 mKBMD (923.456 TVD)

	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	Diff. G1 - G2 kPa
81	2014/12/24	01:30:30	576.0000	4901.58	31.24	576.0000	4898.84	31.30	2.74
82	2014/12/24	09:30:30	584.0000	4899.96	31.24	584.0000	4897.04	31.30	2.92
83	2014/12/24	17:30:30	592.0000	4898.41	31.24	592.0000	4895.63	31.29	2.78
84	2014/12/25	01:30:30	600.0000	4897.14	31.23	600.0000	4894.28	31.29	2.86
85	2014/12/25	09:30:30	608.0000	4896.47	31.23	608.0000	4893.50	31.29	2.97
86	2014/12/25	17:30:30	616.0000	4895.49	31.23	616.0000	4892.39	31.29	3.10
87	2014/12/26	01:30:30	624.0000	4894.30	31.23	624.0000	4891.59	31.28	2.71
88	2014/12/26	09:30:30	632.0000	4893.34	31.23	632.0000	4890.62	31.29	2.72
89	2014/12/26	17:30:30	640.0000	4892.10	31.23	640.0000	4889.41	31.29	2.69
90	2014/12/27	01:30:30	648.0000	4890.76	31.23	648.0000	4888.00	31.28	2.76
91	2014/12/27	09:30:30	656.0000	4889.60	31.23	656.0000	4886.90	31.31	2.70
92	2014/12/27	17:30:30	664.0000	4888.70	31.24	664.0000	4885.74	31.30	2.96
93	2014/12/28	01:30:30	672.0000	4887.45	31.24	672.0000	4884.89	31.31	2.56
94	2014/12/28	09:30:30	680.0000	4886.77	31.24	680.0000	4884.11	31.30	2.66
95	2014/12/28	17:30:30	688.0000	4885.83	31.24	688.0000	4882.93	31.30	2.90
96	2014/12/29	01:30:30	696.0000	4885.19	31.24	696.0000	4882.18	31.29	3.01
97	2014/12/29	09:30:30	704.0000	4884.08	31.24	704.0000	4881.47	31.31	2.61
98	2014/12/29	17:30:30	712.0000	4883.19	31.24	712.0000	4880.49	31.32	2.70
99	2014/12/30	01:30:30	720.0000	4882.30	31.24	720.0000	4879.54	31.32	2.76
100	2014/12/30	09:30:30	728.0000	4881.50	31.24	728.0000	4878.69	31.35	2.81
101	2014/12/30	17:30:30	736.0000	4879.93	31.26	736.0000	4877.23	31.35	2.70
102	2014/12/31	01:30:30	744.0000	4878.52	31.27	744.0000	4875.70	31.36	2.82
103	2014/12/31	09:30:30	752.0000	4877.87	31.27	752.0000	4874.93	31.35	2.94
104	2014/12/31	17:30:30	760.0000	4876.52	31.27	760.0000	4874.35	31.36	2.17
105	2015/01/01	01:30:30	768.0000	4875.37	31.28	768.0000	4872.37	31.37	3.00
106	2015/01/01	09:30:30	776.0000	4874.94	31.29	776.0000	4872.02	31.36	2.92
107	2015/01/01	17:30:30	784.0000	4874.21	31.36	784.0000	4871.25	31.39	2.96
108	2015/01/02	01:30:30	792.0000	4872.85	31.36	792.0000	4870.18	31.44	2.67
109	2015/01/02	09:30:30	800.0000	4872.42	31.36	800.0000	4869.55	31.41	2.87
110	2015/01/02	17:30:30	808.0000	4871.28	31.36	808.0000	4868.33	31.40	2.95
111	2015/01/03	01:30:30	816.0000	4870.49	31.36	816.0000	4867.61	31.40	2.88
112	2015/01/03	09:30:30	824.0000	4870.16	31.37	824.0000	4867.37	31.40	2.79
113	2015/01/03	17:30:30	832.0000	4869.53	31.37	832.0000	4866.05	31.39	3.48
114	2015/01/04	01:30:30	840.0000	4868.51	31.37	840.0000	4865.51	31.39	3.00
115	2015/01/04	09:30:30	848.0000	4867.86	31.37	848.0000	4865.14	31.39	2.72
116	2015/01/04	17:30:30	856.0000	4867.17	31.37	856.0000	4864.21	31.39	2.96
117	2015/01/05	01:30:30	864.0000	4866.01	31.37	864.0000	4863.04	31.39	2.97
118	2015/01/05	09:30:30	872.0000	4865.29	31.36	872.0000	4862.32	31.40	2.97
119	2015/01/05	17:30:30	880.0000	4864.70	31.36	880.0000	4861.82	31.40	2.88
120	2015/01/06	01:30:30	888.0000	4863.53	31.36	888.0000	4860.64	31.39	2.89

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TUNDRA OIL & GAS PARTNERSHIP
102/05-07-008-28W1/00
Start Test Date: 2014/11/30
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SINCLAIR UNIT No. 12 HZNTL A5B-7-8-28
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 978 mKBMD (923.456 TVD)

	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	Diff. G1 - G2 kPa
121	2015/01/06	09:30:30	896.0000	4863.20	31.36	896.0000	4860.36	31.39	2.84
122	2015/01/06	17:30:30	904.0000	4862.77	31.36	904.0000	4859.88	31.39	2.89
123	2015/01/07	01:30:30	912.0000	4862.14	31.36	912.0000	4859.29	31.39	2.85
124	2015/01/07	09:30:30	920.0000	4861.58	31.36	920.0000	4858.46	31.39	3.12
125	2015/01/07	17:30:30	928.0000	4860.32	31.36	928.0000	4857.39	31.40	2.93
126	2015/01/08	01:30:30	936.0000	4858.68	31.36	936.0000	4855.83	31.39	2.85
127	2015/01/08	09:30:30	944.0000	4858.35	31.36	944.0000	4855.61	31.41	2.74
128	2015/01/08	17:30:30	952.0000	4857.84	31.36	952.0000	4855.07	31.39	2.77
129	2015/01/09	01:30:30	960.0000	4857.03	31.36	960.0000	4854.10	31.38	2.93
130	2015/01/09	09:30:30	968.0000	4856.47	31.36	968.0000	4853.65	31.39	2.82
131	2015/01/09	17:30:30	976.0000	4855.60	31.36	976.0000	4852.76	31.38	2.84
132	2015/01/10	01:30:30	984.0000	4854.64	31.36	984.0000	4851.68	31.39	2.96
133	2015/01/10	09:30:30	992.0000	4854.15	31.36	992.0000	4851.92	31.38	2.23
134	2015/01/10	17:30:30	1000.0000	4853.46	31.36	1000.0000	4850.60	31.39	2.86
135	2015/01/11	01:30:30	1008.0000	4852.93	31.36	1008.0000	4849.95	31.38	2.98
136	2015/01/11	09:30:30	1016.0000	4852.28	31.36	1016.0000	4849.43	31.37	2.85
137	2015/01/11	17:30:30	1024.0000	4851.90	31.36	1024.0000	4848.48	31.38	3.42
138	2015/01/12	01:30:30	1032.0000	4851.27	31.36	1032.0000	4848.57	31.38	2.70
139	2015/01/12	09:30:30	1040.0000	4850.87	31.35	1040.0000	4848.09	31.38	2.78
140	2015/01/12	17:30:30	1048.0000	4849.90	31.35	1048.0000	4847.09	31.39	2.81
141	2015/01/13	01:30:30	1056.0000	4849.24	31.35	1056.0000	4846.45	31.39	2.79
142	2015/01/13	09:30:30	1064.0000	4848.37	31.35	1064.0000	4845.71	31.39	2.66
143	2015/01/13	17:30:30	1072.0000	4847.66	31.36	1072.0000	4844.94	31.38	2.72
144	2015/01/14	01:30:30	1080.0000	4847.28	31.35	1080.0000	4844.40	31.39	2.88
145	2015/01/14	09:30:30	1088.0000	4846.44	31.36	1088.0000	4843.65	31.39	2.79
146	2015/01/14	17:30:30	1096.0000	4845.75	31.36	1096.0000	4843.48	31.39	2.27
147	2015/01/15	01:30:30	1104.0000	4845.17	31.35	1104.0000	4842.48	31.39	2.69
148	2015/01/15	09:30:30	1112.0000	4844.86	31.35	1112.0000	4842.02	31.40	2.84
149	2015/01/15	17:30:30	1120.0000	4844.17	31.35	1120.0000	4841.42	31.38	2.75
150	2015/01/16	01:30:30	1128.0000	4843.69	31.36	1128.0000	4840.70	31.41	2.99
151	2015/01/16	09:30:30	1136.0000	4842.83	31.35	1136.0000	4839.91	31.39	2.92
152	2015/01/16	17:30:30	1144.0000	4841.83	31.35	1144.0000	4839.28	31.39	2.55
153	2015/01/17	01:30:30	1152.0000	4840.93	31.35	1152.0000	4838.31	31.39	2.62
154	2015/01/17	09:30:30	1160.0000	4841.00	31.35	1160.0000	4838.33	31.40	2.67
155	2015/01/17	17:30:30	1168.0000	4840.56	31.35	1168.0000	4837.68	31.38	2.88
156	2015/01/18	01:30:30	1176.0000	4839.85	31.35	1176.0000	4837.00	31.39	2.85
157	2015/01/18	09:30:30	1184.0000	4839.64	31.35	1184.0000	4836.92	31.38	2.72
158	2015/01/18	17:30:30	1192.0000	4838.93	31.35	1192.0000	4836.21	31.38	2.72
159	2015/01/19	01:30:30	1200.0000	4838.12	31.35	1200.0000	4835.35	31.39	2.77
160	2015/01/19	09:30:30	1208.0000	4837.92	31.35	1208.0000	4835.24	31.40	2.68

LOWER Serial Number: VC3 Start Date: 2014/11/30 01:30:30 Run Depth: 978.00
UPPER Serial Number: VC4 Start Date: 2014/11/30 01:30:30 Run Depth: 978.00
Print Filter: Print every 8 hour

	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	Diff. G1 - G2 kPa
161	2015/01/19	17:30:30	1216.0000	4837.50	31.35	1216.0000	4834.97	31.40	2.53
162	2015/01/20	01:30:30	1224.0000	4836.87	31.35	1224.0000	4834.05	31.40	2.82
163	2015/01/20	09:30:30	1232.0000	4836.55	31.35	1232.0000	4834.15	31.40	2.40
164	2015/01/20	17:30:30	1240.0000	4836.27	31.35	1240.0000	4833.49	31.36	2.78
165	2015/01/21	01:30:30	1248.0000	4835.47	31.35	1248.0000	4832.81	31.37	2.66
166	2015/01/21	09:30:30	1256.0000	4835.42	31.35	1256.0000	4832.95	31.39	2.47
167	2015/01/21	17:30:30	1264.0000	4835.14	31.35	1264.0000	4832.22	31.38	2.92
168	2015/01/22	01:30:30	1272.0000	4833.93	31.35	1272.0000	4831.29	31.38	2.64
169	2015/01/22	09:30:30	1280.0000	4833.38	31.35	1280.0000	4830.62	31.39	2.76
170	2015/01/22	17:30:30	1288.0000	4832.76	31.34	1288.0000	4830.13	31.39	2.63
171	2015/01/23	01:30:30	1296.0000	4832.14	31.35	1296.0000	4829.43	31.38	2.71
172	2015/01/23	09:30:30	1304.0000	4832.01	31.35	1304.0000	4829.39	31.40	2.62
173	2015/01/23	17:30:30	1312.0000	4831.54	31.35	1312.0000	4828.94	31.40	2.60
174	2015/01/24	01:30:30	1320.0000	4830.64	31.34	1320.0000	4827.86	31.39	2.78
175	2015/01/24	09:30:30	1328.0000	4830.24	31.35	1328.0000	4827.69	31.42	2.55
176	2015/01/24	17:30:30	1336.0000	4829.86	31.35	1336.0000	4827.11	31.40	2.75
177	2015/01/25	01:30:30	1344.0000	4829.56	31.35	1344.0000	4826.13	31.36	3.43
178	2015/01/25	09:30:30	1352.0000	4829.35	31.35	1352.0000	4826.50	31.36	2.85
179	2015/01/25	17:30:30	1360.0000	4828.29	31.34	1360.0000	4825.65	31.41	2.64
180	2015/01/26	01:30:30	1368.0000	4827.82	31.35	1368.0000	4824.59	31.36	3.23
181	2015/01/26	09:30:30	1376.0000	4827.62	31.34	1376.0000	4825.08	31.40	2.54
182	2015/01/26	17:30:30	1384.0000	4827.17	31.34	1384.0000	4824.24	31.39	2.93
183	2015/01/27	01:30:30	1392.0000	4826.73	31.35	1392.0000	4824.35	31.42	2.38
184	2015/01/27	09:30:30	1400.0000	4825.97	31.35	1400.0000	4823.57	31.40	2.40
185	2015/01/27	17:30:30	1408.0000	4825.62	31.34	1408.0000	4823.01	31.39	2.61
186	2015/01/28	01:30:30	1416.0000	4825.12	31.34	1416.0000	4822.45	31.40	2.67
187	2015/01/28	09:30:30	1424.0000	4824.85	31.34	1424.0000	4822.23	31.40	2.62
188	2015/01/28	17:30:30	1432.0000	4824.83	31.34	1432.0000	4821.98	31.40	2.85
189	2015/01/29	01:30:30	1440.0000	4823.79	31.34	1440.0000	4821.80	31.38	1.99
190	2015/01/29	09:30:30	1448.0000	4824.30	31.34	1448.0000	4821.64	31.38	2.66
191	2015/01/29	17:30:30	1456.0000	4823.92	31.34	1456.0000	4821.06	31.38	2.86
192	2015/01/30	01:30:30	1464.0000	4823.13	31.34	1464.0000	4820.34	31.38	2.79
193	2015/01/30	09:30:30	1472.0000	4822.62	31.34	1472.0000	4819.80	31.36	2.82
194	2015/01/30	17:30:30	1480.0000	4821.55	31.35	1480.0000	4819.48	31.39	2.07
195	2015/01/31	01:30:30	1488.0000	4821.80	31.34	1488.0000	4819.02	31.38	2.78
196	2015/01/31	09:30:30	1496.0000	4821.46	31.34	1496.0000	4819.10	31.38	2.36
197	2015/01/31	12:05:30	1498.5833	4821.73	31.33	1498.5833	4819.01	31.39	2.72
198	2015/01/31	12:05:30	1498.5833	FINAL PRESSURE, UNSETTING BRIDGE PLUG					
199	2015/01/31	12:06:00	1498.5917	8901.93	31.47	1498.5917	9296.78	31.47	-394.85
200	2015/01/31	12:06:00	1498.5917	BRIDGE PLUG IS UNSET					

LOWER Serial Number: VC3 Start Date: 2014/11/30 01:30:30 Run Depth: 978.00

UPPER Serial Number: VC4 Start Date: 2014/11/30 01:30:30 Run Depth: 978.00

Print Filter: Print every 8 hour

	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	Diff. G1 - G2 kPa
201	2015/01/31	12:06:30	1498.6000	9633.81	31.31	1498.6000	9651.35	31.33	-17.54
202	2015/01/31	12:15:30	1498.7500	9631.23	30.47	1498.7500	9629.03	30.51	2.20
203	2015/01/31	12:15:30	1498.7500	PULL OUT OF HOLE					
204	2015/01/31	12:16:00	1498.7583	9620.27	30.45	1498.7583	9614.11	30.48	6.16
205	2015/01/31	13:36:00	1500.0917	102.59	-6.88	1500.0917	48.63	-8.19	53.96
206	2015/01/31	13:36:00	1500.0917	RECORDERS AT SURFACE					
207	2015/01/31	13:36:30	1500.1000	101.65	-7.16	1500.1000	46.92	-8.42	54.73
208	2015/01/31	17:30:30	1504.0000	183.06	-11.07	1504.0000	84.21	-11.08	98.85
209	2015/01/31	18:00:00	1504.4917	179.22	-11.85	1504.4917	75.00	-11.91	104.22

LOWER Serial Number: VC3 Start Date: 2014/11/30 01:30:30 Run Depth: 978.00

UPPER Serial Number: VC4 Start Date: 2014/11/30 01:30:30 Run Depth: 978.00

Print Filter: Print every 8 hour



DATE: November 30 th , 2014 - January 31 st , 2015	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Sinclair	ADDRESS: Virden, MB
LOCATION: 8-7-5-7-8-28 W1	UWI: 102.05-07-008-28W1.00
FIELD: Sinclair	FORMATION: Bakken
CO HQ REP: Craig [REDACTED]	PHONE: 1204 748 4409
FIELD REP: Brent [REDACTED]	PHONE: 1204 522 0864
REPORTS TO (NAME & EMAIL ADDRESS): brett.howell@tundraoilandgas.com chris.perkins@tundraoilandgas.com robert.prefontaine@tundraoilandgas.com adam.berke@tundraoilandgas.com shirley.angus@tundraoilandgas.com allan.bertram@tundraoilandgas.com bill.jenkins@tundraoilandgas.com chris.perkins@tundraoilandgas.com craig.lane@tundraoilandgas.com eric.bjornsson@tundraoilandgas.com jane.mctaggart@tundraoilandgas.com anh.hgyen@tundraoilandgas.com justin.robertson@tundraoilandgas.com andrew.taylor@tundraoilandgas.com tim.howell@tundraoilandgas.com tyler.routledge@tundraoilandgas.com	

STATUS: Oil Well		TEST TYPE: Bridge Plug
ESTIMATED H2S CONTENT: <10 ppm		ESTIMATED CO2 CONTENT: <10 ppm
PRODUCING THROUGH: Tubing		SHUT IN TIME/DATE: See Discription
KOP: 750 mKB	TVD: 942.72 mKB	LICENCE #: 10197
PBTD: N/A	TD: 2328 mKB	WELL TYPE: Horizontal
CASING SIZE: 177.8 mm	CSG WEIGHT: 34.22 / 29.76 kg/m	CSG DEPTH: 1038 mKB
TUBING SIZE: N/A	TBG WEIGHT: N/A	TBG DEPTH: N/A
Elevations KB: 507.75 mKB	GRD: 503.65 mKB	CF: 4.10 mKB

PRODUCING INTERVAL

TYPE: Open Hole	SIZE: N/A	INTERVAL: 1038 - 2328 mKB
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RECORDER INFORMATION

TOP S/N: VC3	FILE NAME: 8-7-5-7-8-28 W1	RANGE: 20,680 kPa
BOTTOM S/N: VC4	FILE NAME: 8-7-5-7-8-28 W1	RANGE: 20,680 kPa
TOP BATTERY S/N: N/A	BOTTOM BATTERY S/N: N/A	
CONNECT TIME: November 11 th , 2014 01:30:30	DISCONNECT TIME: February 2 nd , 2015 13:45:00	

SURFACE TEMP: -20 C	LEASE CONDITION: Good
WIRELINE OPERATOR: Ivory [REDACTED]	PHONE: 1306 461 9504
WIRELINE ASSISTANT: N/A	
DIRECTIONS: N/A	

DWG WELL HEAD PRESSURES:

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

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

GRADIENT STOPS

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

DESCRIPTION OF WORK DONE:

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

November 30th, 2014

01:30:30 - RIH

03:00:00 - On bottom

03:01:00 - Bridge plug set @977 mKB Recorders @978 mKB

January 1st, 2015

12:05:30 - FINAL STABLE BHP + BHT

12:06:00 - Bridge plug un-set

12:15:30 - POOH

13:36:00 - Surface

February 2nd, 2015

13:45:00 - Download data



TUNDRA OIL & GAS PARTNERSHIP

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29

103/01-13-008-29W1/00

LICENSE #: 10242

BAKKEN FORMATION

RESERVOIR PRESSURE SURVEY TEST
JANUARY 19th - FEBRUARY 11th, 2015

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

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

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

E-mail: qualityw@sasktel.net

Pressure Survey Report

Company Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Contact	CRAIG [REDACTED]
e-mail	craig.lane@tundraoilandgas.com
Phone	(204) 748-4409
Site Contact	BRENT [REDACTED]
Site Phone	(204) 851-5822

Well Information

Well Name	SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Unique Well ID	103/01-13-008-29W1/00
Surface Location	8A-14 / A1D-13-8-29W1
Well License Number	10242
Well Type	Horizontal
Well Fluid Type	01 Oil
Field	SINCLAIR
KB Elevation (SL)	511.05 m
CF Elevation (SL)	506.75 m
GL Elevation (SL)	506.75 m
Distance from KB to CF (Log)	4.30 m
KB-GL Offset	4.30 m
Tubing ID	mm
Tubing OD	mm
Tubing Depth(Log KB)	m
Tubing Depth(TVD KB)	m
Casing ID	mm
Casing OD	177.8 mm
Casing Depth(Log KB)	1069.00000 m
Casing Depth(TVD KB)	940.32000 m
PBTD(Log KB)	m
PBTD(TVD KB)	m

Pressure Survey Report

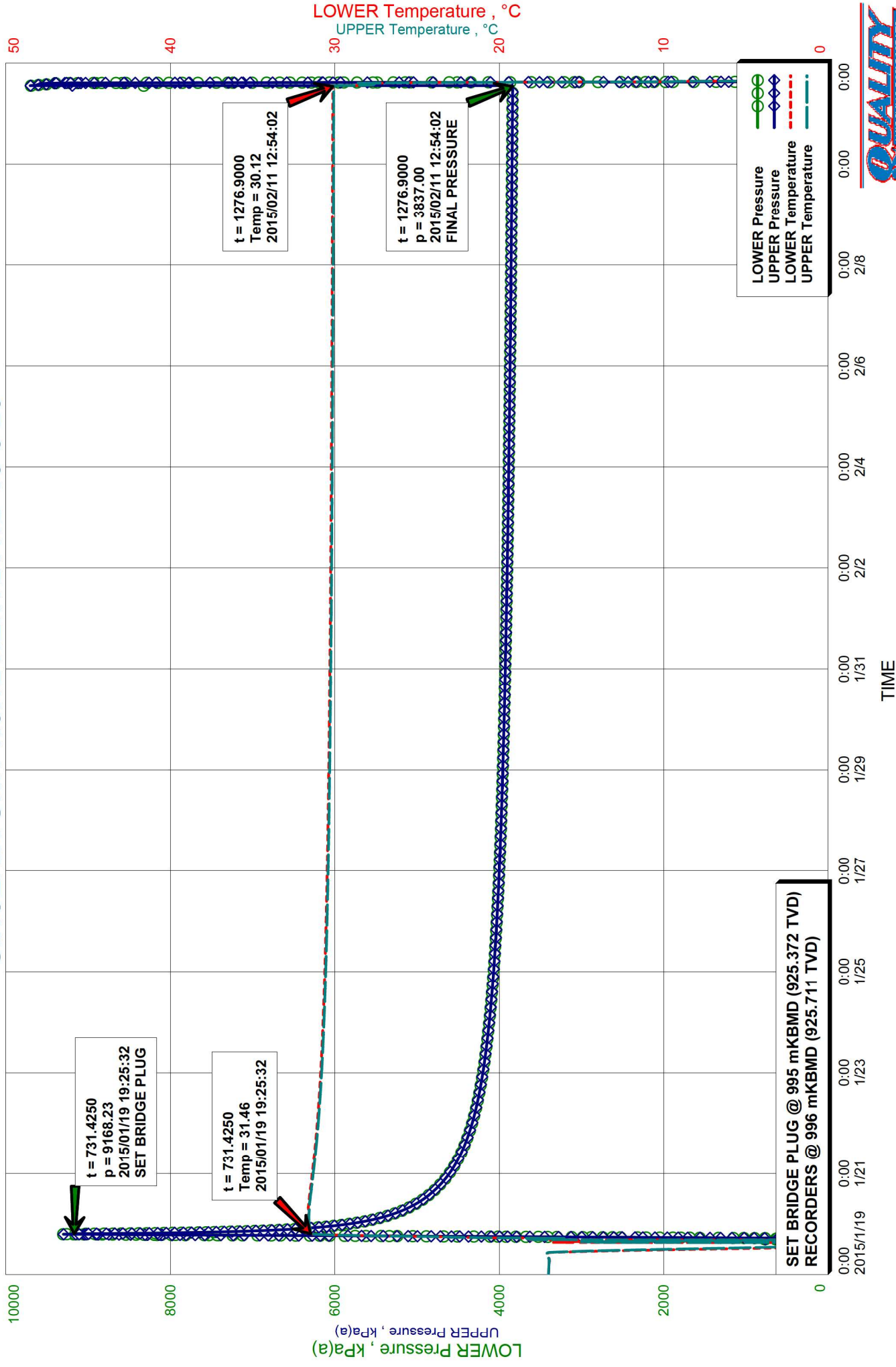
Test Information

Well Name	SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Unique Well ID	103/01-13-008-29W1/00
Surface Location	8A-14 / A1D-13-8-29W1
Well License Number	10242
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Test Type	RESERVOIR PRESSURE SURVEY
Formation	BAKKEN
Well Type Indicator	Horizontal
Test/Prod. Interval Top KB (Log)	1069.00 m
Test/Prod. Interval Base KB (Log)	2499.00 m
MPP(Log KB)	1784.00 m
Test/Prod Interval Top KB (TVD)	940.32 m
Test/Prod. Interval Base m KB (TVD)	933.07 m
MPP(TVD KB)	936.69 m
Tubing Pressure Initial	kPa(a)
Casing Pressure Initial	kPa(a)
Tubing Pressure: Final	kPa(a)
Casing Pressure: Final	kPa(a)
Time/Date Well Shut-In	2015/01/19 19:20:02
Final Test Date/Time	2015/02/11 12:54:02
Gauge Serial Number Used in Summary	2591
Last Measured Pressure at Run Depth	3837.00 kPa(a)
Reservoir Temperature	30.12 °C
Service Company	Quality Wireline Services Ltd.
Representative	IVORY [REDACTED]
Prepared By	DOLLCO Well Data Services
Qualified By	RICK [REDACTED]
Report Date	2014/02/18

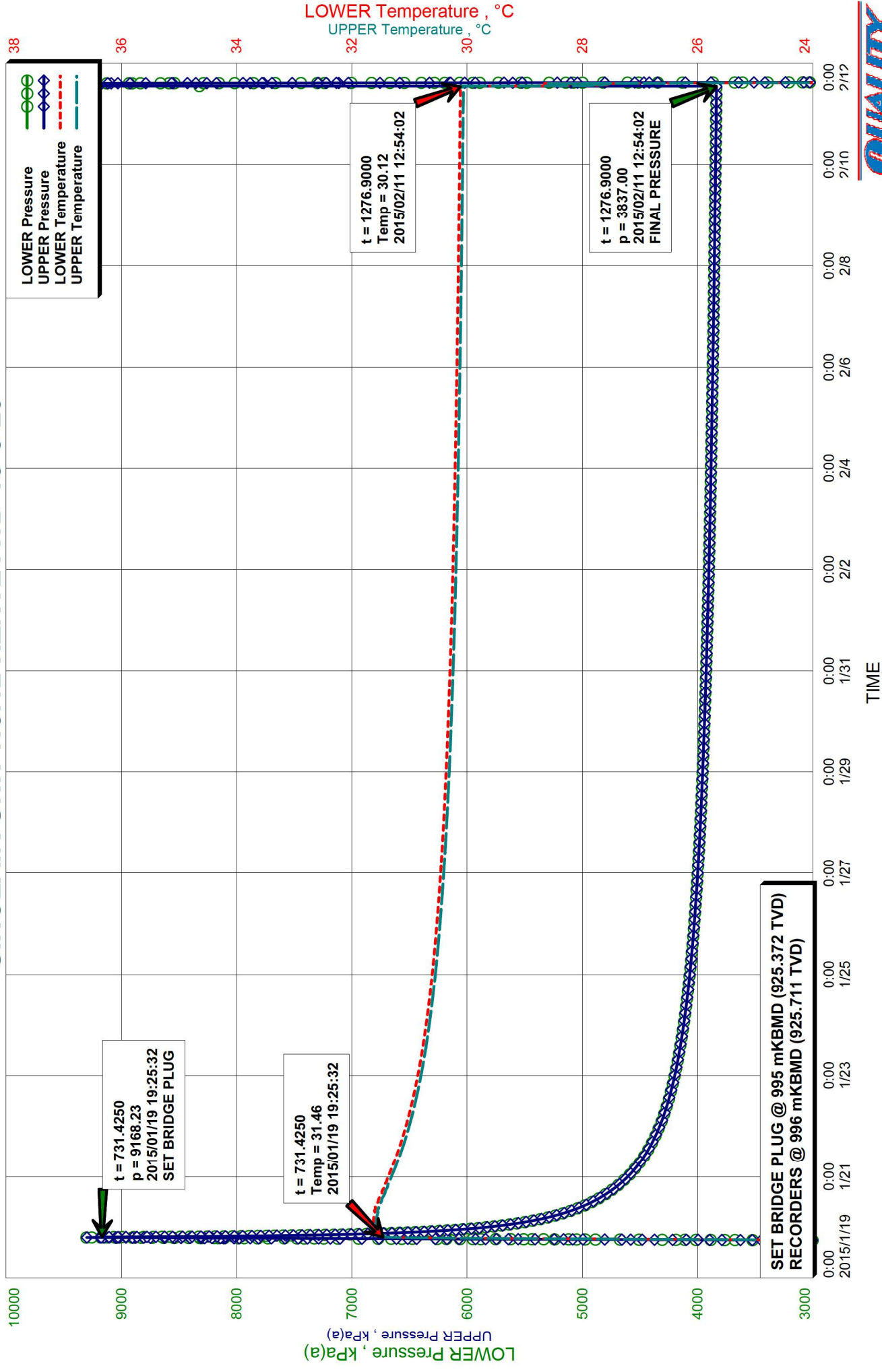
RECORDERS SET @ 996 mKBMD (925.711 TVD), BELOW BRIDGE PLUG
OPEN HOLE: 1069 - 2499 mKBMD (940.32 - 933.069 TVD)



SINCLAIR UNIT No.12 HZNTL A1D-13-8-29



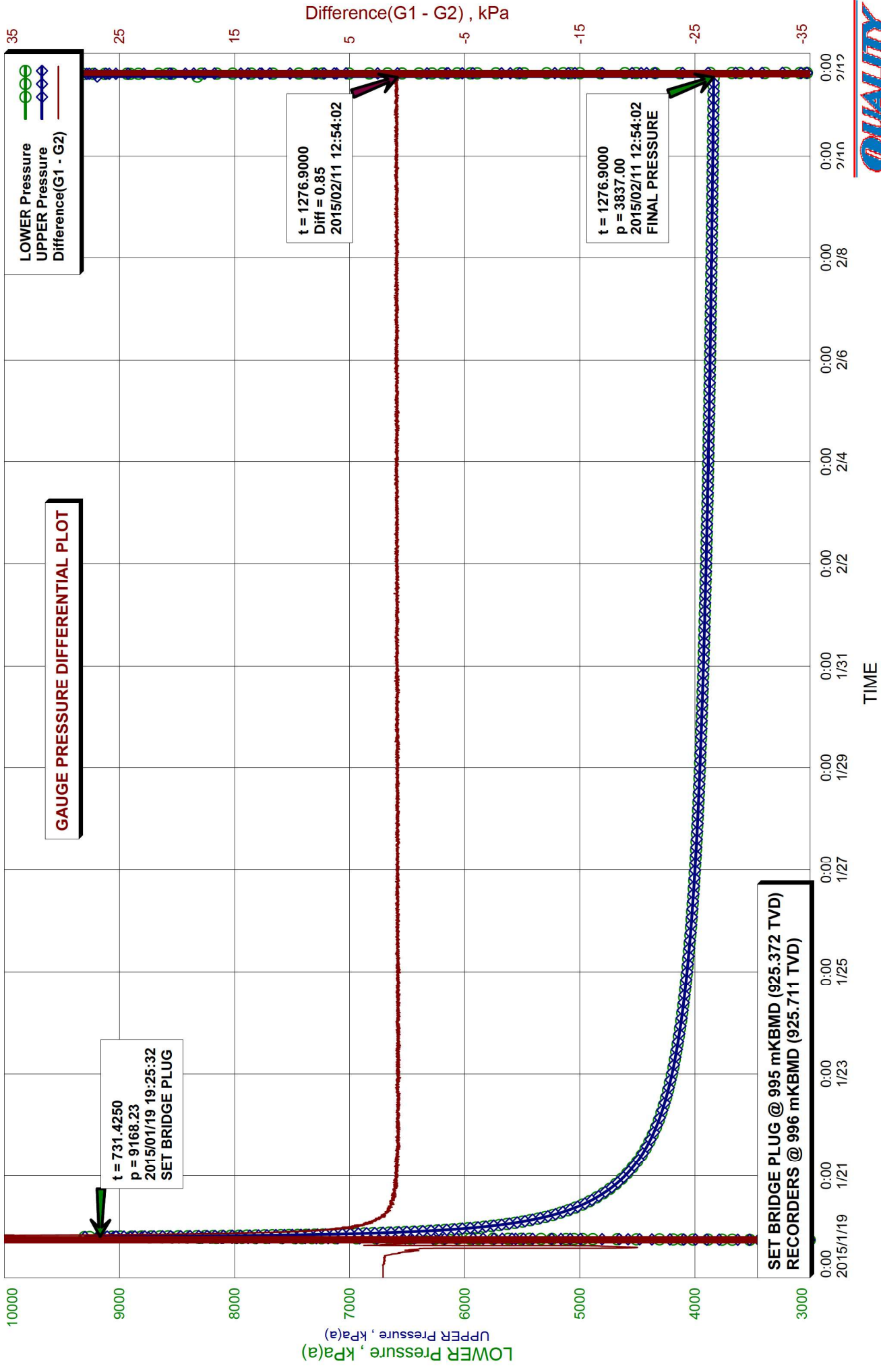
SINCLAIR UNIT No.12 HZNTL A1D-13-8-29



SINCLAIR UNIT No.12 HZNTL A1D-13-8-29

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation: BAKKEN

TUNDRA OIL & GAS PARTNERSHIP
103/01-13-008-29W1/00
Start Test Date: 2015/01/19
Final Test Date: 2015/02/11



Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	103/01-13-008-29W1/00
Well Name	SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation	BAKKEN
Start Test Date	2015/01/19
Final Test Date	2015/02/11

Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	2591	Gauge Manufacturer	PIONEER PETROTECH SERVICES
Run Depth (Log KB)	996.00 m	Gauge Model	SILICON SAPPHIRE
Date of Last Calibration	2014/10/30	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2014/12/20	Gauge Start Time	08:00:02
Gauge Stop Date	2015/02/11	Gauge Stop Time	21:00:02
Date Gauge On Bottom	2015/01/19	Time Gauge On Bottom	19:19:02
Date Gauge Off Bottom	2015/02/11	Time Gauge Off Bottom	13:13:32

Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	2729	Gauge Manufacturer	PIONEER PETROTECH SERVICES
Run Depth (Log KB)	996.00 m	Gauge Model	SILICON SAPPHIRE
Date of Last Calibration	2014/10/30	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2014/12/20	Gauge Start Time	08:00:02
Gauge Stop Date	2015/02/11	Gauge Stop Time	21:00:02
Date Gauge On Bottom	2015/01/19	Time Gauge On Bottom	19:19:02
Date Gauge Off Bottom	2015/02/11	Time Gauge Off Bottom	13:13:32

TUNDRA OIL & GAS PARTNERSHIP
103/01-13-008-29W1/00
Start Test Date: 2015/01/19
Final Test Date: 2015/02/11

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 996 mKBMD (925.711 TVD)

	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	Diff. G1 - G2 kPa
1	2014/12/20	08:00:02	0.0000	102.70	22.03	0.0000	100.63	21.08	2.07
2	2014/12/20	08:00:02	0.0000	ACTIVATE RECORDERS S/N: 2591(L) & 2729(U)					
3	2014/12/20	08:00:32	0.0083	102.71	22.06	0.0083	100.61	21.06	2.10
4	2015/01/19	06:00:02	718.0000	101.85	16.96	718.0000	99.75	16.97	2.10
5	2015/01/19	08:00:02	720.0000	101.79	16.99	720.0000	99.85	17.01	1.93
6	2015/01/19	10:00:02	722.0000	101.79	17.05	722.0000	99.85	17.11	1.94
7	2015/01/19	12:00:02	724.0000	99.84	7.59	724.0000	99.41	9.58	0.43
8	2015/01/19	14:00:02	726.0000	100.75	-1.52	726.0000	118.14	-0.83	-17.38
9	2015/01/19	16:00:02	728.0000	101.28	8.10	728.0000	100.35	8.74	0.93
10	2015/01/19	16:31:02	728.5166	101.06	1.65	728.5166	112.31	2.26	-11.26
11	2015/01/19	16:31:02	728.5166	RUN IN HOLE WITH RECORDERS BELOW BRIDGE PLUG					
12	2015/01/19	16:31:32	728.5250	101.30	1.59	728.5250	112.16	2.23	-10.86
13	2015/01/19	18:00:02	730.0000	3527.57	23.59	730.0000	3659.62	23.73	-132.05
14	2015/01/19	19:19:02	731.3166	9174.38	31.42	731.3166	9155.40	31.40	18.98
15	2015/01/19	19:19:02	731.3166	RECORDERS ON BOTTOM @ 996 mKBMD (925.711 TVD)					
16	2015/01/19	19:19:32	731.3250	9167.45	31.42	731.3250	9161.79	31.41	5.66
17	2015/01/19	19:25:32	731.4250	9168.23	31.46	731.4250	9067.76	31.44	100.47
18	2015/01/19	19:25:32	731.4250	BRIDGE PLUG SET @ 995 mKBMD (925.372 TVD)					
19	2015/01/19	19:26:02	731.4333	9142.83	31.46	731.4333	9030.39	31.44	112.43
20	2015/01/19	20:00:02	732.0000	7777.62	31.46	732.0000	7742.11	31.44	35.51
21	2015/01/19	22:00:02	734.0000	6359.79	31.54	734.0000	6350.80	31.50	9.00
22	2015/01/20	00:00:02	736.0000	5844.97	31.60	736.0000	5839.87	31.55	5.10
23	2015/01/20	02:00:02	738.0000	5552.35	31.62	738.0000	5549.04	31.57	3.30
24	2015/01/20	04:00:02	740.0000	5354.04	31.62	740.0000	5351.51	31.57	2.53
25	2015/01/20	06:00:02	742.0000	5206.22	31.61	742.0000	5204.21	31.56	2.01
26	2015/01/20	08:00:02	744.0000	5090.17	31.61	744.0000	5088.54	31.55	1.63
27	2015/01/20	10:00:02	746.0000	4994.98	31.59	746.0000	4993.52	31.53	1.46
28	2015/01/20	12:00:02	748.0000	4915.63	31.55	748.0000	4914.21	31.49	1.42
29	2015/01/20	14:00:02	750.0000	4847.77	31.52	750.0000	4846.73	31.47	1.05
30	2015/01/20	16:00:02	752.0000	4788.87	31.48	752.0000	4787.74	31.43	1.12
31	2015/01/20	18:00:02	754.0000	4735.46	31.46	754.0000	4734.51	31.41	0.95
32	2015/01/20	20:00:02	756.0000	4688.10	31.43	756.0000	4687.07	31.38	1.03
33	2015/01/20	22:00:02	758.0000	4645.61	31.39	758.0000	4644.58	31.34	1.03
34	2015/01/21	00:00:02	760.0000	4606.96	31.37	760.0000	4605.96	31.31	1.00
35	2015/01/21	02:00:02	762.0000	4572.32	31.34	762.0000	4571.43	31.28	0.88
36	2015/01/21	04:00:02	764.0000	4540.86	31.31	764.0000	4540.07	31.25	0.79
37	2015/01/21	06:00:02	766.0000	4512.37	31.28	766.0000	4511.49	31.22	0.88
38	2015/01/21	08:00:02	768.0000	4486.05	31.26	768.0000	4485.19	31.20	0.86
39	2015/01/21	10:00:02	770.0000	4461.57	31.23	770.0000	4460.74	31.17	0.82
40	2015/01/21	12:00:02	772.0000	4438.82	31.20	772.0000	4437.91	31.14	0.90

LOWER Serial Number: 2591 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
UPPER Serial Number: 2729 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
103/01-13-008-29W1/00
Start Test Date: 2015/01/19
Final Test Date: 2015/02/11

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 996 mKBMD (925.711 TVD)

	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	Diff. G1 - G2 kPa
41	2015/01/21	14:00:02	774.0000	4417.59	31.18	774.0000	4416.76	31.12	0.82
42	2015/01/21	16:00:02	776.0000	4397.84	31.15	776.0000	4397.01	31.10	0.83
43	2015/01/21	18:00:02	778.0000	4379.48	31.13	778.0000	4378.68	31.07	0.80
44	2015/01/21	20:00:02	780.0000	4361.99	31.11	780.0000	4361.23	31.05	0.76
45	2015/01/21	22:00:02	782.0000	4345.57	31.08	782.0000	4344.84	31.03	0.74
46	2015/01/22	00:00:02	784.0000	4330.21	31.06	784.0000	4329.34	31.01	0.87
47	2015/01/22	02:00:02	786.0000	4315.55	31.04	786.0000	4314.76	30.99	0.79
48	2015/01/22	04:00:02	788.0000	4301.97	31.02	788.0000	4301.16	30.97	0.81
49	2015/01/22	06:00:02	790.0000	4289.24	31.00	790.0000	4288.42	30.95	0.81
50	2015/01/22	08:00:02	792.0000	4277.15	30.98	792.0000	4276.39	30.93	0.75
51	2015/01/22	10:00:02	794.0000	4265.57	30.97	794.0000	4264.78	30.91	0.79
52	2015/01/22	12:00:02	796.0000	4254.64	30.95	796.0000	4253.79	30.89	0.85
53	2015/01/22	14:00:02	798.0000	4244.19	30.93	798.0000	4243.33	30.88	0.86
54	2015/01/22	16:00:02	800.0000	4234.43	30.92	800.0000	4233.54	30.86	0.89
55	2015/01/22	18:00:02	802.0000	4224.96	30.90	802.0000	4224.13	30.85	0.83
56	2015/01/22	20:00:02	804.0000	4216.05	30.89	804.0000	4215.24	30.83	0.81
57	2015/01/22	22:00:02	806.0000	4207.33	30.87	806.0000	4206.72	30.81	0.61
58	2015/01/23	00:00:02	808.0000	4199.17	30.86	808.0000	4198.39	30.80	0.78
59	2015/01/23	02:00:02	810.0000	4191.30	30.84	810.0000	4190.48	30.79	0.83
60	2015/01/23	04:00:02	812.0000	4183.81	30.83	812.0000	4183.12	30.77	0.69
61	2015/01/23	06:00:02	814.0000	4176.70	30.82	814.0000	4175.93	30.76	0.77
62	2015/01/23	08:00:02	816.0000	4169.75	30.80	816.0000	4168.94	30.75	0.82
63	2015/01/23	10:00:02	818.0000	4163.06	30.79	818.0000	4162.21	30.74	0.85
64	2015/01/23	12:00:02	820.0000	4156.58	30.78	820.0000	4155.83	30.72	0.75
65	2015/01/23	14:00:02	822.0000	4150.24	30.77	822.0000	4149.40	30.71	0.84
66	2015/01/23	16:00:02	824.0000	4144.16	30.76	824.0000	4143.39	30.70	0.77
67	2015/01/23	18:00:02	826.0000	4138.35	30.74	826.0000	4137.55	30.69	0.80
68	2015/01/23	20:00:02	828.0000	4132.61	30.73	828.0000	4131.80	30.68	0.81
69	2015/01/23	22:00:02	830.0000	4127.17	30.72	830.0000	4126.26	30.67	0.91
70	2015/01/24	00:00:02	832.0000	4121.66	30.71	832.0000	4120.80	30.66	0.86
71	2015/01/24	02:00:02	834.0000	4116.38	30.70	834.0000	4115.49	30.65	0.90
72	2015/01/24	04:00:02	836.0000	4111.19	30.69	836.0000	4110.45	30.64	0.74
73	2015/01/24	06:00:02	838.0000	4106.40	30.68	838.0000	4105.58	30.63	0.82
74	2015/01/24	08:00:02	840.0000	4101.67	30.67	840.0000	4100.94	30.62	0.73
75	2015/01/24	10:00:02	842.0000	4097.18	30.66	842.0000	4096.37	30.61	0.82
76	2015/01/24	12:00:02	844.0000	4092.72	30.66	844.0000	4091.95	30.60	0.78
77	2015/01/24	14:00:02	846.0000	4088.35	30.65	846.0000	4087.45	30.59	0.90
78	2015/01/24	16:00:02	848.0000	4084.09	30.64	848.0000	4083.29	30.58	0.80
79	2015/01/24	18:00:02	850.0000	4080.04	30.63	850.0000	4079.20	30.58	0.84
80	2015/01/24	20:00:02	852.0000	4076.16	30.62	852.0000	4075.30	30.57	0.86

LOWER Serial Number: 2591 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
UPPER Serial Number: 2729 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
103/01-13-008-29W1/00
Start Test Date: 2015/01/19
Final Test Date: 2015/02/11

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 996 mKBMD (925.711 TVD)

	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	Diff. G1 - G2 kPa
81	2015/01/24	22:00:02	854.0000	4072.29	30.61	854.0000	4071.52	30.56	0.77
82	2015/01/25	00:00:02	856.0000	4068.65	30.61	856.0000	4067.80	30.55	0.85
83	2015/01/25	02:00:02	858.0000	4065.08	30.60	858.0000	4064.17	30.55	0.91
84	2015/01/25	04:00:02	860.0000	4061.36	30.59	860.0000	4060.51	30.54	0.86
85	2015/01/25	06:00:02	862.0000	4057.98	30.58	862.0000	4057.12	30.53	0.85
86	2015/01/25	08:00:02	864.0000	4054.57	30.58	864.0000	4053.71	30.52	0.86
87	2015/01/25	10:00:02	866.0000	4051.25	30.57	866.0000	4050.40	30.52	0.85
88	2015/01/25	12:00:02	868.0000	4047.93	30.56	868.0000	4047.09	30.51	0.85
89	2015/01/25	14:00:02	870.0000	4044.62	30.56	870.0000	4043.80	30.50	0.81
90	2015/01/25	16:00:02	872.0000	4041.36	30.55	872.0000	4040.59	30.50	0.77
91	2015/01/25	18:00:02	874.0000	4038.17	30.54	874.0000	4037.33	30.49	0.84
92	2015/01/25	20:00:02	876.0000	4035.15	30.54	876.0000	4034.33	30.48	0.82
93	2015/01/25	22:00:02	878.0000	4032.17	30.53	878.0000	4031.42	30.48	0.75
94	2015/01/26	00:00:02	880.0000	4029.43	30.52	880.0000	4028.70	30.47	0.72
95	2015/01/26	02:00:02	882.0000	4026.69	30.52	882.0000	4025.83	30.46	0.87
96	2015/01/26	04:00:02	884.0000	4023.96	30.51	884.0000	4023.11	30.46	0.85
97	2015/01/26	06:00:02	886.0000	4021.33	30.51	886.0000	4020.52	30.45	0.81
98	2015/01/26	08:00:02	888.0000	4018.83	30.50	888.0000	4017.87	30.45	0.95
99	2015/01/26	10:00:02	890.0000	4016.23	30.50	890.0000	4015.41	30.44	0.81
100	2015/01/26	12:00:02	892.0000	4013.88	30.49	892.0000	4013.01	30.44	0.87
101	2015/01/26	14:00:02	894.0000	4011.39	30.48	894.0000	4010.57	30.43	0.82
102	2015/01/26	16:00:02	896.0000	4008.97	30.48	896.0000	4008.11	30.42	0.86
103	2015/01/26	18:00:02	898.0000	4006.48	30.48	898.0000	4005.65	30.42	0.83
104	2015/01/26	20:00:02	900.0000	4004.21	30.47	900.0000	4003.34	30.41	0.87
105	2015/01/26	22:00:02	902.0000	4001.96	30.46	902.0000	4001.09	30.41	0.87
106	2015/01/27	00:00:02	904.0000	3999.80	30.46	904.0000	3998.88	30.41	0.93
107	2015/01/27	02:00:02	906.0000	3997.60	30.46	906.0000	3996.68	30.40	0.92
108	2015/01/27	04:00:02	908.0000	3995.41	30.45	908.0000	3994.63	30.40	0.77
109	2015/01/27	06:00:02	910.0000	3993.26	30.45	910.0000	3992.43	30.39	0.83
110	2015/01/27	08:00:02	912.0000	3991.25	30.44	912.0000	3990.41	30.39	0.84
111	2015/01/27	10:00:02	914.0000	3989.32	30.44	914.0000	3988.39	30.38	0.93
112	2015/01/27	12:00:02	916.0000	3987.30	30.43	916.0000	3986.51	30.38	0.79
113	2015/01/27	14:00:02	918.0000	3985.28	30.43	918.0000	3984.50	30.37	0.77
114	2015/01/27	16:00:02	920.0000	3983.31	30.42	920.0000	3982.42	30.37	0.89
115	2015/01/27	18:00:02	922.0000	3981.36	30.42	922.0000	3980.54	30.37	0.83
116	2015/01/27	20:00:02	924.0000	3979.41	30.41	924.0000	3978.58	30.36	0.83
117	2015/01/27	22:00:02	926.0000	3977.70	30.41	926.0000	3976.71	30.36	0.99
118	2015/01/28	00:00:02	928.0000	3975.84	30.41	928.0000	3974.91	30.35	0.93
119	2015/01/28	02:00:02	930.0000	3974.08	30.40	930.0000	3973.25	30.35	0.83
120	2015/01/28	04:00:02	932.0000	3972.42	30.40	932.0000	3971.51	30.35	0.91

LOWER Serial Number: 2591 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
UPPER Serial Number: 2729 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
103/01-13-008-29W1/00
Start Test Date: 2015/01/19
Final Test Date: 2015/02/11

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 996 mKBMD (925.711 TVD)

	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	Diff. G1 - G2 kPa
121	2015/01/28	06:00:02	934.0000	3970.65	30.40	934.0000	3969.79	30.34	0.86
122	2015/01/28	08:00:02	936.0000	3968.99	30.39	936.0000	3968.11	30.34	0.89
123	2015/01/28	10:00:02	938.0000	3967.34	30.39	938.0000	3966.50	30.34	0.84
124	2015/01/28	12:00:02	940.0000	3965.79	30.39	940.0000	3964.96	30.33	0.83
125	2015/01/28	14:00:02	942.0000	3964.30	30.38	942.0000	3963.44	30.33	0.86
126	2015/01/28	16:00:02	944.0000	3962.78	30.38	944.0000	3961.83	30.33	0.95
127	2015/01/28	18:00:02	946.0000	3961.11	30.37	946.0000	3960.27	30.32	0.84
128	2015/01/28	20:00:02	948.0000	3959.67	30.37	948.0000	3958.83	30.32	0.84
129	2015/01/28	22:00:02	950.0000	3958.06	30.37	950.0000	3957.24	30.32	0.82
130	2015/01/29	00:00:02	952.0000	3956.72	30.36	952.0000	3955.92	30.31	0.80
131	2015/01/29	02:00:02	954.0000	3955.34	30.36	954.0000	3954.54	30.31	0.80
132	2015/01/29	04:00:02	956.0000	3953.96	30.36	956.0000	3953.17	30.31	0.78
133	2015/01/29	06:00:02	958.0000	3952.65	30.36	958.0000	3951.75	30.30	0.90
134	2015/01/29	08:00:02	960.0000	3951.43	30.35	960.0000	3950.54	30.30	0.89
135	2015/01/29	10:00:02	962.0000	3949.91	30.35	962.0000	3949.15	30.30	0.77
136	2015/01/29	12:00:02	964.0000	3948.60	30.34	964.0000	3947.78	30.29	0.82
137	2015/01/29	14:00:02	966.0000	3947.29	30.34	966.0000	3946.49	30.29	0.79
138	2015/01/29	16:00:02	968.0000	3945.87	30.34	968.0000	3945.01	30.29	0.86
139	2015/01/29	18:00:02	970.0000	3944.51	30.34	970.0000	3943.59	30.28	0.92
140	2015/01/29	20:00:02	972.0000	3943.05	30.33	972.0000	3942.19	30.28	0.86
141	2015/01/29	22:00:02	974.0000	3941.66	30.33	974.0000	3940.79	30.28	0.87
142	2015/01/30	00:00:02	976.0000	3940.32	30.33	976.0000	3939.42	30.28	0.90
143	2015/01/30	02:00:02	978.0000	3939.18	30.33	978.0000	3938.23	30.27	0.96
144	2015/01/30	04:00:02	980.0000	3937.90	30.32	980.0000	3937.03	30.27	0.86
145	2015/01/30	06:00:02	982.0000	3936.67	30.32	982.0000	3935.73	30.27	0.94
146	2015/01/30	08:00:02	984.0000	3935.33	30.32	984.0000	3934.48	30.27	0.85
147	2015/01/30	10:00:02	986.0000	3934.12	30.32	986.0000	3933.18	30.26	0.94
148	2015/01/30	12:00:02	988.0000	3933.00	30.31	988.0000	3932.08	30.26	0.92
149	2015/01/30	14:00:02	990.0000	3931.81	30.31	990.0000	3930.90	30.26	0.91
150	2015/01/30	16:00:02	992.0000	3930.69	30.31	992.0000	3929.82	30.25	0.87
151	2015/01/30	18:00:02	994.0000	3929.44	30.31	994.0000	3928.69	30.25	0.75
152	2015/01/30	20:00:02	996.0000	3928.32	30.30	996.0000	3927.40	30.25	0.92
153	2015/01/30	22:00:02	998.0000	3927.13	30.30	998.0000	3926.29	30.25	0.84
154	2015/01/31	00:00:02	1000.0000	3926.02	30.30	1000.0000	3925.20	30.24	0.82
155	2015/01/31	02:00:02	1002.0000	3925.05	30.29	1002.0000	3924.18	30.24	0.87
156	2015/01/31	04:00:02	1004.0000	3924.05	30.29	1004.0000	3923.17	30.24	0.88
157	2015/01/31	06:00:02	1006.0000	3923.08	30.29	1006.0000	3922.28	30.24	0.80
158	2015/01/31	08:00:02	1008.0000	3922.08	30.29	1008.0000	3921.24	30.23	0.84
159	2015/01/31	10:00:02	1010.0000	3921.01	30.29	1010.0000	3920.18	30.23	0.83
160	2015/01/31	12:00:02	1012.0000	3920.03	30.28	1012.0000	3919.19	30.23	0.84

LOWER Serial Number: 2591 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
UPPER Serial Number: 2729 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
103/01-13-008-29W1/00
Start Test Date: 2015/01/19
Final Test Date: 2015/02/11

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 996 mKBMD (925.711 TVD)

	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	Diff. G1 - G2 kPa
161	2015/01/31	14:00:02	1014.0000	3919.08	30.28	1014.0000	3918.13	30.23	0.96
162	2015/01/31	16:00:02	1016.0000	3918.04	30.28	1016.0000	3917.10	30.23	0.94
163	2015/01/31	18:00:02	1018.0000	3917.06	30.28	1018.0000	3916.13	30.22	0.93
164	2015/01/31	20:00:02	1020.0000	3915.93	30.27	1020.0000	3915.06	30.22	0.87
165	2015/01/31	22:00:02	1022.0000	3914.85	30.27	1022.0000	3913.94	30.22	0.92
166	2015/02/01	00:00:02	1024.0000	3913.88	30.27	1024.0000	3912.99	30.22	0.89
167	2015/02/01	02:00:02	1026.0000	3912.94	30.27	1026.0000	3912.12	30.21	0.81
168	2015/02/01	04:00:02	1028.0000	3912.08	30.26	1028.0000	3911.19	30.21	0.89
169	2015/02/01	06:00:02	1030.0000	3911.15	30.26	1030.0000	3910.44	30.21	0.71
170	2015/02/01	08:00:02	1032.0000	3910.29	30.26	1032.0000	3909.45	30.21	0.84
171	2015/02/01	10:00:02	1034.0000	3909.41	30.26	1034.0000	3908.39	30.21	1.02
172	2015/02/01	12:00:02	1036.0000	3908.33	30.26	1036.0000	3907.53	30.20	0.80
173	2015/02/01	14:00:02	1038.0000	3907.36	30.25	1038.0000	3906.45	30.20	0.91
174	2015/02/01	16:00:02	1040.0000	3906.43	30.25	1040.0000	3905.58	30.20	0.85
175	2015/02/01	18:00:02	1042.0000	3905.51	30.25	1042.0000	3904.58	30.20	0.93
176	2015/02/01	20:00:02	1044.0000	3904.47	30.25	1044.0000	3903.60	30.20	0.87
177	2015/02/01	22:00:02	1046.0000	3903.44	30.25	1046.0000	3902.59	30.20	0.85
178	2015/02/02	00:00:02	1048.0000	3902.47	30.25	1048.0000	3901.52	30.19	0.94
179	2015/02/02	02:00:02	1050.0000	3901.61	30.24	1050.0000	3900.64	30.19	0.98
180	2015/02/02	04:00:02	1052.0000	3900.76	30.24	1052.0000	3899.89	30.19	0.86
181	2015/02/02	06:00:02	1054.0000	3899.96	30.24	1054.0000	3899.10	30.19	0.87
182	2015/02/02	08:00:02	1056.0000	3899.24	30.24	1056.0000	3898.36	30.19	0.88
183	2015/02/02	10:00:02	1058.0000	3898.43	30.24	1058.0000	3897.44	30.19	0.99
184	2015/02/02	12:00:02	1060.0000	3897.62	30.24	1060.0000	3896.69	30.18	0.93
185	2015/02/02	14:00:02	1062.0000	3896.83	30.24	1062.0000	3895.93	30.18	0.90
186	2015/02/02	16:00:02	1064.0000	3896.15	30.23	1064.0000	3895.20	30.18	0.95
187	2015/02/02	18:00:02	1066.0000	3895.25	30.23	1066.0000	3894.34	30.18	0.91
188	2015/02/02	20:00:02	1068.0000	3894.41	30.23	1068.0000	3893.61	30.18	0.79
189	2015/02/02	22:00:02	1070.0000	3893.48	30.23	1070.0000	3892.58	30.18	0.89
190	2015/02/03	00:00:02	1072.0000	3892.69	30.23	1072.0000	3891.77	30.17	0.92
191	2015/02/03	02:00:02	1074.0000	3891.79	30.22	1074.0000	3891.05	30.17	0.75
192	2015/02/03	04:00:02	1076.0000	3891.19	30.22	1076.0000	3890.33	30.17	0.86
193	2015/02/03	06:00:02	1078.0000	3890.46	30.22	1078.0000	3889.61	30.17	0.86
194	2015/02/03	08:00:02	1080.0000	3889.75	30.22	1080.0000	3888.92	30.17	0.83
195	2015/02/03	10:00:02	1082.0000	3889.15	30.22	1082.0000	3888.23	30.17	0.91
196	2015/02/03	12:00:02	1084.0000	3888.36	30.22	1084.0000	3887.42	30.16	0.94
197	2015/02/03	14:00:02	1086.0000	3887.70	30.22	1086.0000	3886.64	30.16	1.06
198	2015/02/03	16:00:02	1088.0000	3886.96	30.21	1088.0000	3886.07	30.16	0.89
199	2015/02/03	18:00:02	1090.0000	3886.25	30.21	1090.0000	3885.39	30.16	0.86
200	2015/02/03	20:00:02	1092.0000	3885.66	30.21	1092.0000	3884.66	30.16	1.00

LOWER Serial Number: 2591 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
UPPER Serial Number: 2729 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
103/01-13-008-29W1/00
Start Test Date: 2015/01/19
Final Test Date: 2015/02/11

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 996 mKBMD (925.711 TVD)

	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	Diff. G1 - G2 kPa
201	2015/02/03	22:00:02	1094.0000	3884.84	30.21	1094.0000	3883.88	30.16	0.96
202	2015/02/04	00:00:02	1096.0000	3884.05	30.21	1096.0000	3883.14	30.16	0.91
203	2015/02/04	02:00:02	1098.0000	3883.26	30.21	1098.0000	3882.48	30.16	0.78
204	2015/02/04	04:00:02	1100.0000	3882.74	30.21	1100.0000	3881.88	30.15	0.86
205	2015/02/04	06:00:02	1102.0000	3882.26	30.20	1102.0000	3881.30	30.15	0.96
206	2015/02/04	08:00:02	1104.0000	3881.67	30.20	1104.0000	3880.85	30.15	0.82
207	2015/02/04	10:00:02	1106.0000	3881.01	30.20	1106.0000	3880.03	30.15	0.98
208	2015/02/04	12:00:02	1108.0000	3880.30	30.20	1108.0000	3879.46	30.15	0.84
209	2015/02/04	14:00:02	1110.0000	3879.62	30.20	1110.0000	3878.71	30.15	0.92
210	2015/02/04	16:00:02	1112.0000	3878.91	30.20	1112.0000	3878.08	30.14	0.83
211	2015/02/04	18:00:02	1114.0000	3878.19	30.20	1114.0000	3877.30	30.14	0.89
212	2015/02/04	20:00:02	1116.0000	3877.50	30.19	1116.0000	3876.66	30.14	0.84
213	2015/02/04	22:00:02	1118.0000	3876.72	30.19	1118.0000	3875.70	30.14	1.01
214	2015/02/05	00:00:02	1120.0000	3875.89	30.19	1120.0000	3875.07	30.14	0.82
215	2015/02/05	02:00:02	1122.0000	3875.21	30.19	1122.0000	3874.29	30.14	0.93
216	2015/02/05	04:00:02	1124.0000	3874.66	30.19	1124.0000	3873.67	30.14	0.99
217	2015/02/05	06:00:02	1126.0000	3874.05	30.19	1126.0000	3873.18	30.14	0.87
218	2015/02/05	08:00:02	1128.0000	3873.55	30.19	1128.0000	3872.66	30.13	0.89
219	2015/02/05	10:00:02	1130.0000	3872.98	30.19	1130.0000	3872.10	30.13	0.89
220	2015/02/05	12:00:02	1132.0000	3872.31	30.18	1132.0000	3871.33	30.13	0.98
221	2015/02/05	14:00:02	1134.0000	3871.65	30.18	1134.0000	3870.73	30.13	0.92
222	2015/02/05	16:00:02	1136.0000	3871.06	30.18	1136.0000	3870.19	30.13	0.87
223	2015/02/05	18:00:02	1138.0000	3870.60	30.18	1138.0000	3869.62	30.13	0.98
224	2015/02/05	20:00:02	1140.0000	3869.96	30.18	1140.0000	3868.96	30.13	1.00
225	2015/02/05	22:00:02	1142.0000	3869.35	30.18	1142.0000	3868.44	30.13	0.91
226	2015/02/06	00:00:02	1144.0000	3868.61	30.18	1144.0000	3867.65	30.13	0.95
227	2015/02/06	02:00:02	1146.0000	3868.01	30.18	1146.0000	3867.13	30.12	0.88
228	2015/02/06	04:00:02	1148.0000	3867.51	30.17	1148.0000	3866.55	30.12	0.95
229	2015/02/06	06:00:02	1150.0000	3867.00	30.17	1150.0000	3866.12	30.12	0.89
230	2015/02/06	08:00:02	1152.0000	3866.47	30.17	1152.0000	3865.54	30.12	0.93
231	2015/02/06	10:00:02	1154.0000	3865.85	30.17	1154.0000	3864.98	30.12	0.88
232	2015/02/06	12:00:02	1156.0000	3865.23	30.17	1156.0000	3864.33	30.12	0.90
233	2015/02/06	14:00:02	1158.0000	3864.66	30.17	1158.0000	3863.69	30.12	0.97
234	2015/02/06	16:00:02	1160.0000	3863.95	30.17	1160.0000	3863.10	30.12	0.85
235	2015/02/06	18:00:02	1162.0000	3863.46	30.17	1162.0000	3862.56	30.12	0.90
236	2015/02/06	20:00:02	1164.0000	3862.86	30.17	1164.0000	3862.08	30.11	0.78
237	2015/02/06	22:00:02	1166.0000	3862.31	30.17	1166.0000	3861.41	30.11	0.90
238	2015/02/07	00:00:02	1168.0000	3861.67	30.16	1168.0000	3860.73	30.11	0.93
239	2015/02/07	02:00:02	1170.0000	3861.03	30.16	1170.0000	3860.15	30.11	0.88
240	2015/02/07	04:00:02	1172.0000	3860.49	30.16	1172.0000	3859.67	30.11	0.82

LOWER Serial Number: 2591 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
UPPER Serial Number: 2729 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
103/01-13-008-29W1/00
Start Test Date: 2015/01/19
Final Test Date: 2015/02/11

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 996 mKBMD (925.711 TVD)

	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	Diff. G1 - G2 kPa
241	2015/02/07	06:00:02	1174.0000	3859.90	30.16	1174.0000	3859.04	30.11	0.86
242	2015/02/07	08:00:02	1176.0000	3859.44	30.16	1176.0000	3858.55	30.11	0.90
243	2015/02/07	10:00:02	1178.0000	3858.77	30.16	1178.0000	3857.94	30.11	0.83
244	2015/02/07	12:00:02	1180.0000	3858.31	30.16	1180.0000	3857.30	30.10	1.01
245	2015/02/07	14:00:02	1182.0000	3857.76	30.16	1182.0000	3856.84	30.10	0.91
246	2015/02/07	16:00:02	1184.0000	3857.35	30.16	1184.0000	3856.29	30.10	1.05
247	2015/02/07	18:00:02	1186.0000	3856.91	30.16	1186.0000	3855.94	30.10	0.97
248	2015/02/07	20:00:02	1188.0000	3856.42	30.15	1188.0000	3855.59	30.10	0.83
249	2015/02/07	22:00:02	1190.0000	3855.94	30.15	1190.0000	3855.09	30.10	0.85
250	2015/02/08	00:00:02	1192.0000	3855.46	30.15	1192.0000	3854.53	30.10	0.93
251	2015/02/08	02:00:02	1194.0000	3854.97	30.15	1194.0000	3854.01	30.10	0.96
252	2015/02/08	04:00:02	1196.0000	3854.47	30.15	1196.0000	3853.57	30.10	0.90
253	2015/02/08	06:00:02	1198.0000	3854.04	30.15	1198.0000	3853.18	30.10	0.86
254	2015/02/08	08:00:02	1200.0000	3853.73	30.15	1200.0000	3852.73	30.10	1.00
255	2015/02/08	10:00:02	1202.0000	3853.29	30.15	1202.0000	3852.29	30.10	1.00
256	2015/02/08	12:00:02	1204.0000	3852.78	30.15	1204.0000	3851.86	30.09	0.92
257	2015/02/08	14:00:02	1206.0000	3852.28	30.15	1206.0000	3851.35	30.09	0.93
258	2015/02/08	16:00:02	1208.0000	3851.72	30.14	1208.0000	3850.85	30.09	0.87
259	2015/02/08	18:00:02	1210.0000	3851.37	30.14	1210.0000	3850.45	30.09	0.92
260	2015/02/08	20:00:02	1212.0000	3851.01	30.14	1212.0000	3850.04	30.09	0.97
261	2015/02/08	22:00:02	1214.0000	3850.50	30.14	1214.0000	3849.57	30.09	0.92
262	2015/02/09	00:00:02	1216.0000	3849.97	30.14	1216.0000	3849.01	30.09	0.96
263	2015/02/09	02:00:02	1218.0000	3849.54	30.14	1218.0000	3848.62	30.09	0.92
264	2015/02/09	04:00:02	1220.0000	3849.08	30.14	1220.0000	3848.22	30.09	0.86
265	2015/02/09	06:00:02	1222.0000	3848.68	30.14	1222.0000	3847.73	30.09	0.95
266	2015/02/09	08:00:02	1224.0000	3848.21	30.14	1224.0000	3847.33	30.08	0.87
267	2015/02/09	10:00:02	1226.0000	3847.77	30.14	1226.0000	3846.88	30.08	0.89
268	2015/02/09	12:00:02	1228.0000	3847.25	30.14	1228.0000	3846.33	30.08	0.93
269	2015/02/09	14:00:02	1230.0000	3846.67	30.13	1230.0000	3845.78	30.08	0.89
270	2015/02/09	16:00:02	1232.0000	3846.21	30.13	1232.0000	3845.25	30.08	0.96
271	2015/02/09	18:00:02	1234.0000	3845.61	30.13	1234.0000	3844.69	30.08	0.91
272	2015/02/09	20:00:02	1236.0000	3845.33	30.13	1236.0000	3844.31	30.08	1.02
273	2015/02/09	22:00:02	1238.0000	3844.82	30.13	1238.0000	3843.87	30.08	0.95
274	2015/02/10	00:00:02	1240.0000	3844.30	30.13	1240.0000	3843.37	30.08	0.93
275	2015/02/10	02:00:02	1242.0000	3843.78	30.13	1242.0000	3842.87	30.08	0.91
276	2015/02/10	04:00:02	1244.0000	3843.26	30.13	1244.0000	3842.31	30.08	0.95
277	2015/02/10	06:00:02	1246.0000	3842.78	30.13	1246.0000	3841.90	30.08	0.88
278	2015/02/10	08:00:02	1248.0000	3842.39	30.13	1248.0000	3841.51	30.08	0.88
279	2015/02/10	10:00:02	1250.0000	3842.02	30.13	1250.0000	3841.18	30.07	0.83
280	2015/02/10	12:00:02	1252.0000	3841.54	30.13	1252.0000	3840.72	30.07	0.81

LOWER Serial Number: 2591 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
UPPER Serial Number: 2729 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
103/01-13-008-29W1/00
Start Test Date: 2015/01/19
Final Test Date: 2015/02/11

SINCLAIR UNIT No.12 HZNTL A1D-13-8-29
Formation: BAKKEN
RESERVOIR PRESSURE SURVEY
RECORDERS @ 996 mKBMD (925.711 TVD)

	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	Diff. G1 - G2 kPa
281	2015/02/10	14:00:02	1254.0000	3841.12	30.12	1254.0000	3840.18	30.07	0.94
282	2015/02/10	16:00:02	1256.0000	3840.69	30.12	1256.0000	3839.80	30.07	0.89
283	2015/02/10	18:00:02	1258.0000	3840.42	30.12	1258.0000	3839.37	30.07	1.05
284	2015/02/10	20:00:02	1260.0000	3840.02	30.12	1260.0000	3839.08	30.07	0.94
285	2015/02/10	22:00:02	1262.0000	3839.74	30.12	1262.0000	3838.81	30.07	0.93
286	2015/02/11	00:00:02	1264.0000	3839.34	30.12	1264.0000	3838.51	30.07	0.83
287	2015/02/11	02:00:02	1266.0000	3838.90	30.12	1266.0000	3838.06	30.07	0.84
288	2015/02/11	04:00:02	1268.0000	3838.50	30.12	1268.0000	3837.59	30.07	0.91
289	2015/02/11	06:00:02	1270.0000	3838.18	30.12	1270.0000	3837.27	30.07	0.91
290	2015/02/11	08:00:02	1272.0000	3837.80	30.12	1272.0000	3836.87	30.07	0.93
291	2015/02/11	10:00:02	1274.0000	3837.54	30.12	1274.0000	3836.58	30.06	0.96
292	2015/02/11	12:00:02	1276.0000	3837.16	30.12	1276.0000	3836.27	30.07	0.88
293	2015/02/11	12:54:02	1276.9000	3837.00	30.12	1276.9000	3836.15	30.06	0.85
294	2015/02/11	12:54:02	1276.9000	FINAL PRESSURE, PREPARE TO UNSET BRIDGE PLUG					
295	2015/02/11	12:54:32	1276.9083	3837.07	30.12	1276.9083	3836.22	30.06	0.85
296	2015/02/11	13:13:32	1277.2250	3840.68	30.12	1277.2250	3839.74	30.06	0.94
297	2015/02/11	13:13:32	1277.2250	UNSET BRIDGE PLUG					
298	2015/02/11	13:14:02	1277.2333	8322.83	30.26	1277.2333	9192.80	30.24	-869.97
299	2015/02/11	14:00:02	1278.0000	9541.99	27.98	1278.0000	9540.64	27.77	1.35
300	2015/02/11	14:23:32	1278.3916	9493.06	28.70	1278.3916	9502.60	28.59	-9.54
301	2015/02/11	14:23:32	1278.3916	PULL OUT OF HOLE					
302	2015/02/11	14:24:02	1278.4000	9452.15	28.70	1278.4000	9452.51	28.60	-0.35
303	2015/02/11	15:13:32	1279.2250	103.66	9.42	1279.2250	102.49	9.40	1.17
304	2015/02/11	15:13:32	1279.2250	RECORDERS AT SURFACE					
305	2015/02/11	15:14:02	1279.2333	103.63	9.42	1279.2333	102.51	9.40	1.12
306	2015/02/11	16:00:02	1280.0000	198.44	-7.63	1280.0000	281.53	-8.44	-83.09
307	2015/02/11	18:00:02	1282.0000	175.18	-20.04	1282.0000	268.23	-20.60	-93.06
308	2015/02/11	20:00:02	1284.0000	175.79	-25.04	1284.0000	288.56	-27.31	-112.77
309	2015/02/11	21:00:02	1285.0000	177.18	-25.92	1285.0000	301.47	-28.50	-124.29

LOWER Serial Number: 2591 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
UPPER Serial Number: 2729 Start Date: 2014/12/20 08:00:02 Run Depth: 996.00
Print Filter: Print every 2 hour



DATE: January 19 th - February 11 th , 2015	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Sinclair	ADDRESS: Virden, MB
LOCATION: 8A-14-1-13-8-29 W1	UWI: 103.01-13-008-29W1
FIELD: Sinclair	FORMATION: Bakken
CO HQ REP: Craig [REDACTED]	PHONE: 1204 748 4409
FIELD REP: Brent [REDACTED]	PHONE: 1204 851 5822
REPORTS TO (NAME & EMAIL ADDRESS): brett.howell@tundraoilandgas.com chris.perkins@tundraoilandgas.com robert.prefontaine@tundraoilandgas.com adam.berke@tundraoilandgas.com shirley.angus@tundraoilandgas.com allan.bertram@tundraoilandgas.com bill.jenkins@tundraoilandgas.com chris.perkins@tundraoilandgas.com craig.lane@tundraoilandgas.com eric.bjornsson@tundraoilandgas.com jane.mctaggart@tundraoilandgas.com anh.hgyen@tundraoilandgas.com justin.robertson@tundraoilandgas.com andrew.taylor@tundraoilandgas.com tim.howell@tundraoilandgas.com tyler.routledge@tundraoilandgas.com	

STATUS: Oil Well		TEST TYPE: Bridge Plug	
ESTIMATED H2S CONTENT: <10 ppm		ESTIMATED CO2 CONTENT: <10 ppm	
PRODUCING THROUGH: Tubing		SHUT IN TIME/DATE: See Discription	
KOP: 743 mKB	TVD: See Survey		LICENCE #: 10242
PBTD: N/A	TD: 2499 mKB		WELL TYPE: Horizontal
CASING SIZE: 177.8 mm	CSG WEIGHT: 34.22 / 29.76 kg/m		CSG DEPTH: 1069 mKB
TUBING SIZE: N/A	TBG WEIGHT: N/A		TBG DEPTH: N/A
Elevations KB: 511.05 mKB	GRD: 506.75 mKB		CF: 4.30 mKB

PRODUCING INTERVAL

TYPE: Open Hole	SIZE: N/A	INTERVAL: 1069 - 2499 mKB
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RECORDER INFORMATION

TOP S/N: 2729	FILE NAME: 8A-14-1-13-8-29 W1	RANGE: 20,680 kPA
BOTTOM S/N: 2591	FILE NAME: 8A-14-1-13-8-29 W1	RANGE: 20,680 kPA
TOP BATTERY S/N: N/A	BOTTOM BATTERY S/N: N/A	
CONNECT TIME: December 20 th , 2014 07:59:01	DISCONNECT TIME: February 12 th , 2015 09:51:02	

SURFACE TEMP: -30 C	LEASE CONDITION: Good
WIRELINE OPERATOR: Ivory Herman	PHONE: 1306 461 9504
WIRELINE ASSISTANT: N/A	
DIRECTIONS: N/A	

DWG WELL HEAD PRESSURES:

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

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

GRADIENT STOPS

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

DESCRIPTION OF WORK DONE:

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

December 20th, 2014

07:59:01 - Connect batteries

January 19th, 2015

16:31:02 - RIH

19:19:02 - On bottom

19:20:02 - Bridge plug set @995 mKB Recorders @996 mKB

February 11th, 2015

13:13:32 - FINAL STABLE BHP + BHT

13:14:02 - Bridge plug un-set

14:23:32 - POOH

15:13:32 - Surface

February 12th, 2015

09:51:02 - Download data



TUNDRA OIL & GAS PARTNERSHIP

SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29

103/09-13-008-29W1/00

LICENSE #: 10198

BAKKEN FORMATION

RESERVOIR PRESSURE SURVEY TEST

NOVEMBER 22nd, 2014 – JANUARY 7th, 2015

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

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

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

E-mail: qualityw@sasktel.net

Pressure Survey Report

Company Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Contact	CRAIG [REDACTED]
e-mail	craig.lane@tundraoilandgas.com
Phone	(204) 748-4409
Site Contact	BRENT [REDACTED]
Site Phone	(204) 851-5013

Well Information

Well Name	SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
Unique Well ID	103/09-13-008-29W1/00
Surface Location	9D-14 / A9D-13-8-29W1
Well License Number	10198
Well Type	Horizontal
Well Fluid Type	01 Oil
Field	SINCLAIR

KB Elevation (SL)	512.09 m
CF Elevation (SL)	508.12 m
GL Elevation (SL)	507.99 m
Distance from KB to CF (Log)	3.97 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	mm
Casing OD	177.8 mm
Casing Depth(Log KB)	1051.00000 m
Casing Depth(TVD KB)	943.56000 m
PBTD(Log KB)	m
PBTD(TVD KB)	m

Pressure Survey Report

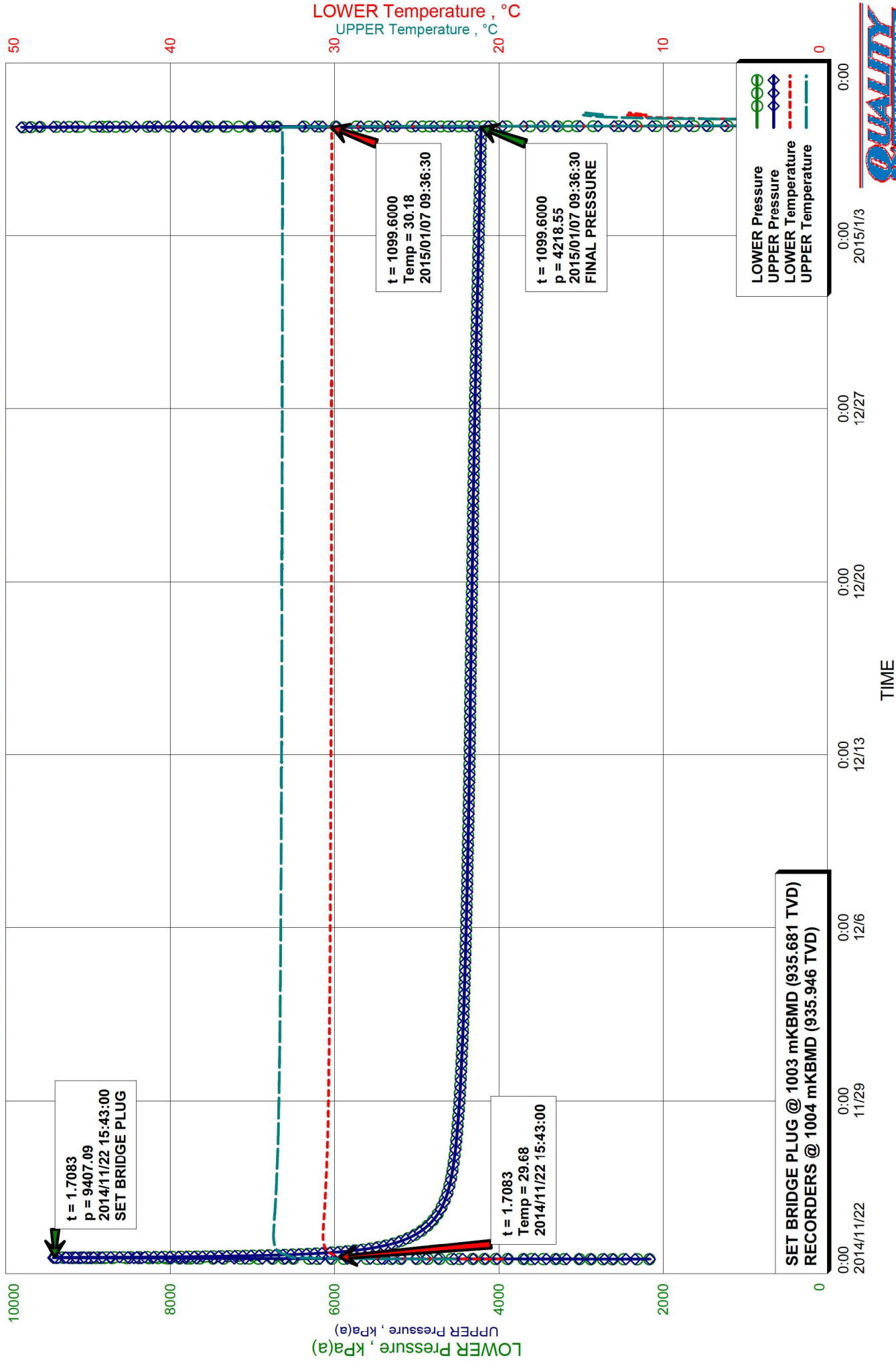
Test Information

Well Name	SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
Unique Well ID	103/09-13-008-29W1/00
Surface Location	9D-14 / A9D-13-8-29W1
Well License Number	10198
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Test Type	RESERVOIR PRESSURE SURVEY
Formation	BAKKEN
Well Type Indicator	Horizontal
Test/Prod. Interval Top KB (Log)	1051.00 m
Test/Prod. Interval Base KB (Log)	2494.00 m
MPP(Log KB)	1772.50 m
Test/Prod Interval Top KB (TVD)	943.56 m
Test/Prod. Interval Base m KB (TVD)	932.66 m
MPP(TVD KB)	938.11 m
Tubing Pressure Initial	kPa(a)
Casing Pressure Initial	kPa(a)
Tubing Pressure: Final	kPa(a)
Casing Pressure: Final	kPa(a)
Time/Date Well Shut-In	2014/11/22 15:43:00
Final Test Date/Time	2015/01/07 09:36:30
Gauge Serial Number Used in Summary	VNB
Last Measured Pressure at Run Depth	4218.55 kPa(a)
Reservoir Temperature	30.18 °C
Service Company	Quality Wireline Services Ltd.
Representative	IVORY
Prepared By	DOLLCO Well Data Services
Qualified By	RICK
Report Date	2015/01/11

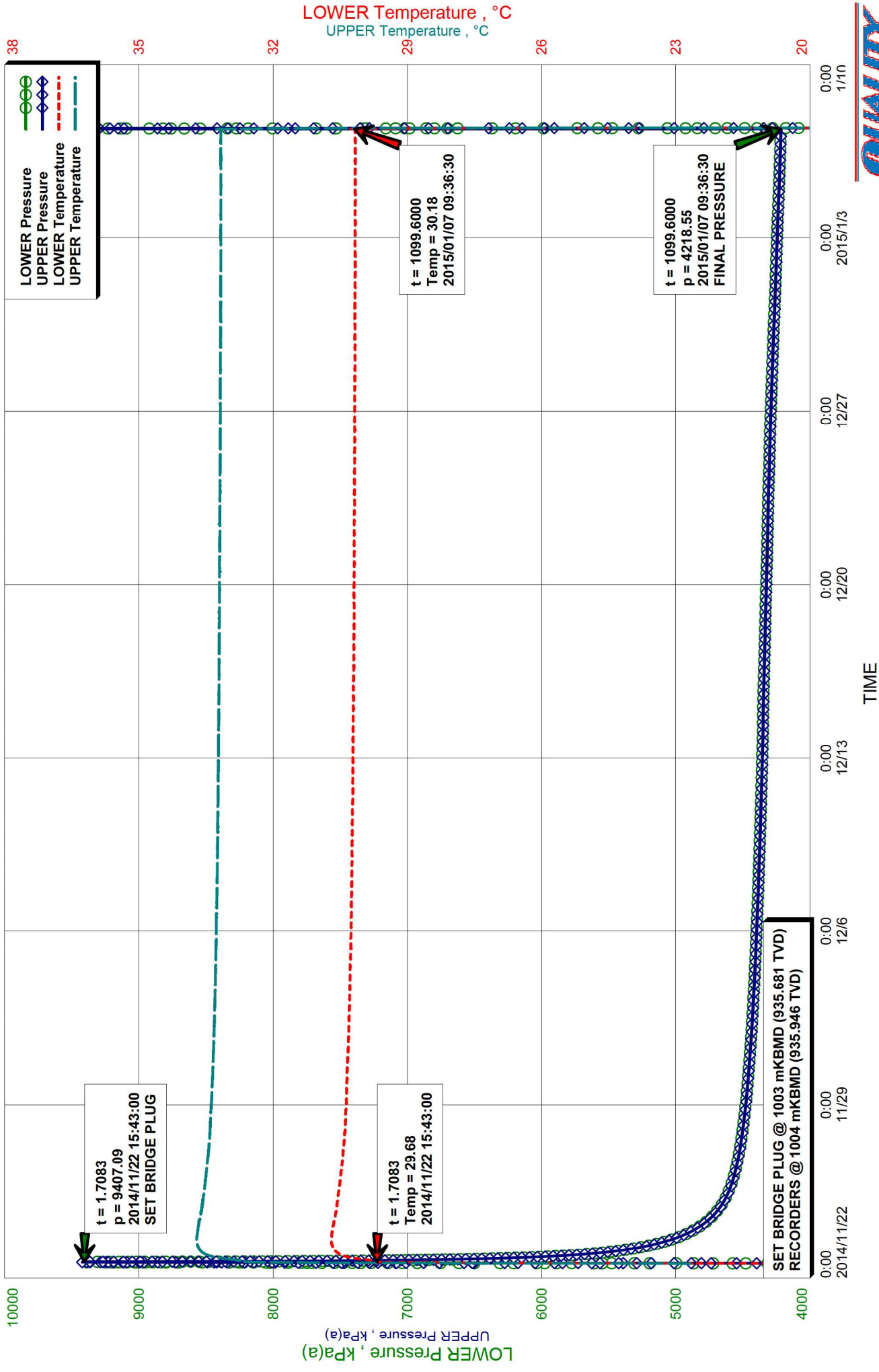
RECORDERS SET @ 1004 mKBMD (935.946 TVD) BELOW BRIDGE PLUG
OPEN HOLE: 1051 - 2494 mKBMD (943.56 - 932.66 TVD)



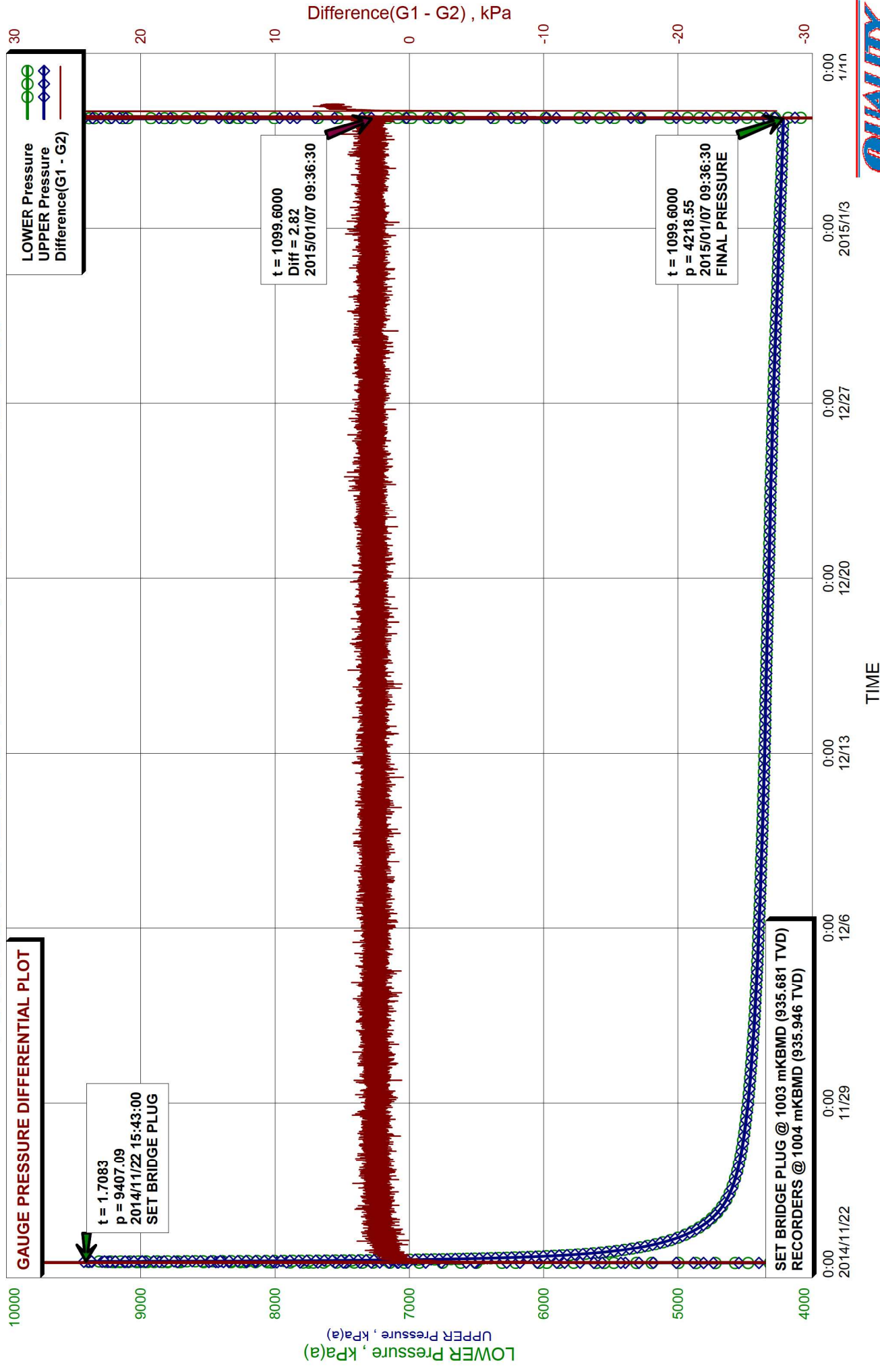
TUNDRA RYERSON HZ 1A1-12-1B4-12-8-30



TUNDRA RYERSON HZ 1A1-12-1B4-12-8-30



TUNDRA RYERSON HZ 1A1-12-1B4-12-8-30



Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	103/09-13-008-29W1/00
Well Name	SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
Formation	BAKKEN
Start Test Date	2014/11/22
Final Test Date	2015/01/07

Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	VNB	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	1004.00 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2012/10/25	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2014/11/22	Gauge Start Time	14:00:30
Gauge Stop Date	2015/01/07	Gauge Stop Time	23:45:00
Date Gauge On Bottom	2014/11/22	Time Gauge On Bottom	15:35:30
Date Gauge Off Bottom	2015/01/07	Time Gauge Off Bottom	09:36:30

Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	VND	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	1004.00 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2012/10/21	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2014/11/22	Gauge Start Time	14:00:30
Gauge Stop Date	2015/01/07	Gauge Stop Time	23:45:00
Date Gauge On Bottom	2014/11/22	Time Gauge On Bottom	15:35:30
Date Gauge Off Bottom	2015/01/07	Time Gauge Off Bottom	09:36:30

TUNDRA OIL & GAS PARTNERSHIP
103/09-13-008-29W1/00
Start Test Date: 2014/11/22
Final Test Date: 2015/01/07

RESERVOIR PRESSURE SURVEY
RECORDERS @ 1004 mKBMD (935.946 TVD)

SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
Formation: BAKKEN

	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	Diff. G1 - G2 kPa
1	2014/11/22	14:00:30	0.0000	2166.81	19.79	0.0000	2161.81	22.68	5.00
2	2014/11/22	14:00:30	0.0000	RIH, ACTIVATE RECORDERS S/N: VNB(L) & VND(U)					
3	2014/11/22	14:01:00	0.0083	2155.58	19.81	0.0083	2161.17	22.71	-5.59
4	2014/11/22	15:35:30	1.5833	9273.23	29.65	1.5833	9278.00	32.57	-4.77
5	2014/11/22	15:35:30	1.5833	RECORDERS ON BOTTOM @ 1004 mKBMD (935.946 TVD)					
6	2014/11/22	15:36:00	1.5917	9272.88	29.65	1.5917	9272.36	32.57	0.52
7	2014/11/22	15:43:00	1.7083	9407.09	29.68	1.7083	9407.17	32.60	-0.08
8	2014/11/22	15:43:00	1.7083	SET BRIDGE PLUG @ 1003 mKBMD (935.681 TVD)					
9	2014/11/22	15:43:30	1.7167	9358.13	29.68	1.7167	9362.26	32.61	-4.13
10	2014/11/22	18:00:30	4.0000	6693.02	29.98	4.0000	6692.20	32.94	0.82
11	2014/11/22	22:00:30	8.0000	5807.12	30.46	8.0000	5805.89	33.45	1.23
12	2014/11/23	02:00:30	12.0000	5458.32	30.60	12.0000	5456.58	33.61	1.74
13	2014/11/23	06:00:30	16.0000	5256.68	30.66	16.0000	5255.06	33.67	1.62
14	2014/11/23	10:00:30	20.0000	5120.37	30.70	20.0000	5118.92	33.71	1.45
15	2014/11/23	14:00:30	24.0000	5017.01	30.70	24.0000	5015.00	33.71	2.01
16	2014/11/23	18:00:30	28.0000	4937.64	30.69	28.0000	4935.68	33.70	1.96
17	2014/11/23	22:00:30	32.0000	4874.26	30.68	32.0000	4872.04	33.68	2.22
18	2014/11/24	02:00:30	36.0000	4822.47	30.66	36.0000	4820.20	33.67	2.27
19	2014/11/24	06:00:30	40.0000	4779.07	30.64	40.0000	4776.71	33.66	2.36
20	2014/11/24	10:00:30	44.0000	4742.91	30.62	44.0000	4740.67	33.64	2.24
21	2014/11/24	14:00:30	48.0000	4712.32	30.61	48.0000	4710.27	33.62	2.05
22	2014/11/24	18:00:30	52.0000	4686.32	30.59	52.0000	4684.03	33.60	2.29
23	2014/11/24	22:00:30	56.0000	4663.36	30.58	56.0000	4661.72	33.59	1.64
24	2014/11/25	02:00:30	60.0000	4644.67	30.56	60.0000	4642.05	33.58	2.62
25	2014/11/25	06:00:30	64.0000	4627.62	30.55	64.0000	4625.03	33.56	2.59
26	2014/11/25	10:00:30	68.0000	4612.99	30.54	68.0000	4610.56	33.55	2.43
27	2014/11/25	14:00:30	72.0000	4600.05	30.53	72.0000	4597.39	33.54	2.66
28	2014/11/25	18:00:30	76.0000	4588.77	30.52	76.0000	4586.32	33.52	2.45
29	2014/11/25	22:00:30	80.0000	4578.15	30.51	80.0000	4575.85	33.52	2.30
30	2014/11/26	02:00:30	84.0000	4569.21	30.49	84.0000	4566.71	33.51	2.50
31	2014/11/26	06:00:30	88.0000	4560.69	30.49	88.0000	4558.36	33.50	2.33
32	2014/11/26	10:00:30	92.0000	4553.13	30.47	92.0000	4550.70	33.49	2.43
33	2014/11/26	14:00:30	96.0000	4545.38	30.46	96.0000	4543.77	33.48	1.61
34	2014/11/26	18:00:30	100.0000	4539.70	30.46	100.0000	4537.40	33.47	2.30
35	2014/11/26	22:00:30	104.0000	4533.60	30.44	104.0000	4531.28	33.46	2.32
36	2014/11/27	02:00:30	108.0000	4528.06	30.44	108.0000	4525.62	33.45	2.44
37	2014/11/27	06:00:30	112.0000	4522.87	30.43	112.0000	4520.28	33.44	2.59
38	2014/11/27	10:00:30	116.0000	4517.84	30.42	116.0000	4515.37	33.43	2.47
39	2014/11/27	14:00:30	120.0000	4513.23	30.41	120.0000	4510.69	33.43	2.54
40	2014/11/27	18:00:30	124.0000	4508.58	30.41	124.0000	4506.21	33.42	2.37

LOWER Serial Number: VNB Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
UPPER Serial Number: VND Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
Print Filter: Print every 4 hour

TUNDRA OIL & GAS PARTNERSHIP
103/09-13-008-29W1/00
Start Test Date: 2014/11/22
Final Test Date: 2015/01/07

RESERVOIR PRESSURE SURVEY
RECORDERS @ 1004 mKBMD (935.946 TVD)

SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
Formation: BAKKEN

	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	Diff. G1 - G2 kPa
41	2014/11/27	22:00:30	128.0000	4504.61	30.39	128.0000	4502.03	33.41	2.58
42	2014/11/28	02:00:30	132.0000	4500.50	30.39	132.0000	4498.08	33.41	2.42
43	2014/11/28	06:00:30	136.0000	4496.60	30.39	136.0000	4494.04	33.41	2.56
44	2014/11/28	10:00:30	140.0000	4492.83	30.38	140.0000	4490.38	33.40	2.45
45	2014/11/28	14:00:30	144.0000	4489.13	30.38	144.0000	4486.24	33.40	2.89
46	2014/11/28	18:00:30	148.0000	4485.27	30.38	148.0000	4482.84	33.39	2.43
47	2014/11/28	22:00:30	152.0000	4481.88	30.37	152.0000	4479.30	33.39	2.58
48	2014/11/29	02:00:30	156.0000	4478.58	30.36	156.0000	4476.25	33.38	2.33
49	2014/11/29	06:00:30	160.0000	4475.23	30.36	160.0000	4472.94	33.38	2.29
50	2014/11/29	10:00:30	164.0000	4472.65	30.36	164.0000	4469.45	33.37	3.20
51	2014/11/29	14:00:30	168.0000	4469.68	30.36	168.0000	4467.20	33.37	2.48
52	2014/11/29	18:00:30	172.0000	4466.80	30.35	172.0000	4464.58	33.37	2.22
53	2014/11/29	22:00:30	176.0000	4464.40	30.35	176.0000	4462.03	33.36	2.37
54	2014/11/30	02:00:30	180.0000	4462.00	30.35	180.0000	4459.52	33.36	2.48
55	2014/11/30	06:00:30	184.0000	4459.43	30.35	184.0000	4456.73	33.35	2.70
56	2014/11/30	10:00:30	188.0000	4457.12	30.34	188.0000	4454.47	33.35	2.65
57	2014/11/30	14:00:30	192.0000	4455.73	30.34	192.0000	4453.26	33.34	2.47
58	2014/11/30	18:00:30	196.0000	4452.68	30.34	196.0000	4449.49	33.34	3.19
59	2014/11/30	22:00:30	200.0000	4450.40	30.33	200.0000	4447.82	33.34	2.58
60	2014/12/01	02:00:30	204.0000	4448.10	30.33	204.0000	4445.59	33.33	2.51
61	2014/12/01	06:00:30	208.0000	4445.83	30.33	208.0000	4442.80	33.33	3.03
62	2014/12/01	10:00:30	212.0000	4443.64	30.32	212.0000	4441.05	33.33	2.59
63	2014/12/01	14:00:30	216.0000	4441.27	30.32	216.0000	4438.69	33.33	2.58
64	2014/12/01	18:00:30	220.0000	4439.04	30.32	220.0000	4436.46	33.33	2.58
65	2014/12/01	22:00:30	224.0000	4436.78	30.31	224.0000	4434.31	33.32	2.47
66	2014/12/02	02:00:30	228.0000	4435.61	30.31	228.0000	4432.21	33.32	3.40
67	2014/12/02	06:00:30	232.0000	4433.11	30.31	232.0000	4430.36	33.32	2.75
68	2014/12/02	10:00:30	236.0000	4431.03	30.30	236.0000	4428.83	33.31	2.20
69	2014/12/02	14:00:30	240.0000	4429.55	30.30	240.0000	4426.82	33.31	2.73
70	2014/12/02	18:00:30	244.0000	4427.76	30.30	244.0000	4425.31	33.31	2.45
71	2014/12/02	22:00:30	248.0000	4426.01	30.30	248.0000	4423.42	33.31	2.59
72	2014/12/03	02:00:30	252.0000	4424.63	30.29	252.0000	4421.98	33.30	2.65
73	2014/12/03	06:00:30	256.0000	4423.21	30.29	256.0000	4420.40	33.30	2.81
74	2014/12/03	10:00:30	260.0000	4421.35	30.29	260.0000	4418.82	33.30	2.53
75	2014/12/03	14:00:30	264.0000	4419.79	30.29	264.0000	4417.17	33.30	2.62
76	2014/12/03	18:00:30	268.0000	4418.22	30.29	268.0000	4415.60	33.29	2.62
77	2014/12/03	22:00:30	272.0000	4416.31	30.28	272.0000	4413.76	33.29	2.55
78	2014/12/04	02:00:30	276.0000	4414.95	30.28	276.0000	4412.30	33.29	2.65
79	2014/12/04	06:00:30	280.0000	4413.20	30.28	280.0000	4410.85	33.29	2.35
80	2014/12/04	10:00:30	284.0000	4411.93	30.28	284.0000	4409.04	33.29	2.89

LOWER Serial Number: VNB Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
UPPER Serial Number: VND Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
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TUNDRA OIL & GAS PARTNERSHIP
103/09-13-008-29W1/00
Start Test Date: 2014/11/22
Final Test Date: 2015/01/07

SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
RESERVOIR PRESSURE SURVEY
Formation: BAKKEN
RECORDERS @ 1004 mKBMD (935.946 TVD)

	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	Diff. G1 - G2 kPa
81	2014/12/04	14:00:30	288.0000	4410.19	30.27	288.0000	4407.72	33.29	2.47
82	2014/12/04	18:00:30	292.0000	4408.98	30.28	292.0000	4406.39	33.28	2.59
83	2014/12/04	22:00:30	296.0000	4407.15	30.27	296.0000	4404.77	33.28	2.38
84	2014/12/05	02:00:30	300.0000	4405.89	30.27	300.0000	4403.58	33.28	2.31
85	2014/12/05	06:00:30	304.0000	4405.01	30.27	304.0000	4402.54	33.28	2.47
86	2014/12/05	10:00:30	308.0000	4403.65	30.26	308.0000	4401.28	33.28	2.37
87	2014/12/05	14:00:30	312.0000	4402.57	30.26	312.0000	4399.97	33.27	2.60
88	2014/12/05	18:00:30	316.0000	4401.51	30.26	316.0000	4398.86	33.28	2.65
89	2014/12/05	22:00:30	320.0000	4399.93	30.26	320.0000	4397.44	33.27	2.49
90	2014/12/06	02:00:30	324.0000	4398.71	30.26	324.0000	4396.10	33.27	2.61
91	2014/12/06	06:00:30	328.0000	4398.32	30.26	328.0000	4394.94	33.27	3.38
92	2014/12/06	10:00:30	332.0000	4395.72	30.26	332.0000	4393.67	33.27	2.05
93	2014/12/06	14:00:30	336.0000	4394.79	30.26	336.0000	4392.41	33.27	2.38
94	2014/12/06	18:00:30	340.0000	4393.67	30.25	340.0000	4390.94	33.27	2.73
95	2014/12/06	22:00:30	344.0000	4392.37	30.26	344.0000	4389.52	33.26	2.85
96	2014/12/07	02:00:30	348.0000	4391.91	30.26	348.0000	4388.33	33.26	3.58
97	2014/12/07	06:00:30	352.0000	4389.77	30.25	352.0000	4387.23	33.26	2.54
98	2014/12/07	10:00:30	356.0000	4388.38	30.25	356.0000	4385.92	33.26	2.46
99	2014/12/07	14:00:30	360.0000	4387.25	30.25	360.0000	4384.82	33.26	2.43
100	2014/12/07	18:00:30	364.0000	4386.37	30.25	364.0000	4383.16	33.26	3.21
101	2014/12/07	22:00:30	368.0000	4385.25	30.25	368.0000	4382.75	33.26	2.50
102	2014/12/08	02:00:30	372.0000	4384.10	30.24	372.0000	4381.59	33.25	2.51
103	2014/12/08	06:00:30	376.0000	4383.41	30.25	376.0000	4380.72	33.25	2.69
104	2014/12/08	10:00:30	380.0000	4382.49	30.24	380.0000	4379.81	33.25	2.68
105	2014/12/08	14:00:30	384.0000	4381.62	30.24	384.0000	4378.81	33.25	2.81
106	2014/12/08	18:00:30	388.0000	4380.59	30.24	388.0000	4377.87	33.25	2.72
107	2014/12/08	22:00:30	392.0000	4379.48	30.24	392.0000	4376.71	33.25	2.77
108	2014/12/09	02:00:30	396.0000	4378.13	30.23	396.0000	4375.57	33.25	2.56
109	2014/12/09	06:00:30	400.0000	4377.18	30.24	400.0000	4374.41	33.24	2.77
110	2014/12/09	10:00:30	404.0000	4376.20	30.24	404.0000	4373.64	33.24	2.56
111	2014/12/09	14:00:30	408.0000	4375.14	30.24	408.0000	4372.56	33.24	2.58
112	2014/12/09	18:00:30	412.0000	4374.17	30.23	412.0000	4371.35	33.24	2.82
113	2014/12/09	22:00:30	416.0000	4373.06	30.24	416.0000	4370.49	33.24	2.57
114	2014/12/10	02:00:30	420.0000	4372.09	30.23	420.0000	4369.53	33.24	2.56
115	2014/12/10	06:00:30	424.0000	4371.19	30.23	424.0000	4368.45	33.24	2.74
116	2014/12/10	10:00:30	428.0000	4369.71	30.23	428.0000	4367.80	33.24	1.91
117	2014/12/10	14:00:30	432.0000	4369.23	30.23	432.0000	4366.78	33.24	2.45
118	2014/12/10	18:00:30	436.0000	4368.56	30.23	436.0000	4366.02	33.24	2.54
119	2014/12/10	22:00:30	440.0000	4367.39	30.23	440.0000	4364.72	33.23	2.67
120	2014/12/11	02:00:30	444.0000	4366.41	30.23	444.0000	4363.57	33.23	2.84

LOWER Serial Number: VNB Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
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TUNDRA OIL & GAS PARTNERSHIP
103/09-13-008-29W1/00
Start Test Date: 2014/11/22
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RESERVOIR PRESSURE SURVEY
RECORDERS @ 1004 mKBMD (935.946 TVD)

SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
Formation: BAKKEN

	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	Diff. G1 - G2 kPa
121	2014/12/11	06:00:30	448.0000	4365.23	30.22	448.0000	4362.93	33.23	2.30
122	2014/12/11	10:00:30	452.0000	4364.62	30.22	452.0000	4361.93	33.23	2.69
123	2014/12/11	14:00:30	456.0000	4363.51	30.22	456.0000	4360.81	33.23	2.70
124	2014/12/11	18:00:30	460.0000	4362.74	30.22	460.0000	4360.22	33.23	2.52
125	2014/12/11	22:00:30	464.0000	4361.91	30.22	464.0000	4359.22	33.23	2.69
126	2014/12/12	02:00:30	468.0000	4361.03	30.22	468.0000	4358.38	33.23	2.65
127	2014/12/12	06:00:30	472.0000	4359.90	30.22	472.0000	4357.50	33.23	2.40
128	2014/12/12	10:00:30	476.0000	4358.45	30.22	476.0000	4356.84	33.23	1.61
129	2014/12/12	14:00:30	480.0000	4358.41	30.22	480.0000	4355.82	33.23	2.59
130	2014/12/12	18:00:30	484.0000	4356.67	30.22	484.0000	4355.11	33.22	1.56
131	2014/12/12	22:00:30	488.0000	4356.91	30.22	488.0000	4353.94	33.22	2.97
132	2014/12/13	02:00:30	492.0000	4356.07	30.21	492.0000	4353.47	33.22	2.60
133	2014/12/13	06:00:30	496.0000	4355.32	30.21	496.0000	4352.62	33.22	2.70
134	2014/12/13	10:00:30	500.0000	4354.71	30.22	500.0000	4351.92	33.22	2.79
135	2014/12/13	14:00:30	504.0000	4353.89	30.21	504.0000	4351.06	33.22	2.83
136	2014/12/13	18:00:30	508.0000	4353.28	30.21	508.0000	4350.34	33.22	2.94
137	2014/12/13	22:00:30	512.0000	4352.44	30.21	512.0000	4349.38	33.22	3.06
138	2014/12/14	02:00:30	516.0000	4351.62	30.21	516.0000	4349.00	33.22	2.62
139	2014/12/14	06:00:30	520.0000	4350.83	30.21	520.0000	4347.67	33.22	3.16
140	2014/12/14	10:00:30	524.0000	4350.90	30.21	524.0000	4348.25	33.22	2.65
141	2014/12/14	14:00:30	528.0000	4350.88	30.21	528.0000	4347.16	33.21	3.72
142	2014/12/14	18:00:30	532.0000	4350.48	30.21	532.0000	4348.06	33.22	2.42
143	2014/12/14	22:00:30	536.0000	4349.93	30.21	536.0000	4347.09	33.21	2.84
144	2014/12/15	02:00:30	540.0000	4349.22	30.21	540.0000	4347.32	33.22	1.90
145	2014/12/15	06:00:30	544.0000	4348.42	30.21	544.0000	4345.79	33.21	2.63
146	2014/12/15	10:00:30	548.0000	4348.09	30.20	548.0000	4345.25	33.21	2.84
147	2014/12/15	14:00:30	552.0000	4347.21	30.21	552.0000	4344.59	33.21	2.62
148	2014/12/15	18:00:30	556.0000	4346.44	30.21	556.0000	4343.73	33.21	2.71
149	2014/12/15	22:00:30	560.0000	4345.72	30.21	560.0000	4343.07	33.21	2.65
150	2014/12/16	02:00:30	564.0000	4344.93	30.20	564.0000	4342.41	33.21	2.52
151	2014/12/16	06:00:30	568.0000	4344.30	30.20	568.0000	4341.67	33.21	2.63
152	2014/12/16	10:00:30	572.0000	4343.29	30.20	572.0000	4340.96	33.21	2.33
153	2014/12/16	14:00:30	576.0000	4342.77	30.20	576.0000	4340.20	33.21	2.57
154	2014/12/16	18:00:30	580.0000	4342.05	30.20	580.0000	4340.32	33.21	1.73
155	2014/12/16	22:00:30	584.0000	4341.19	30.20	584.0000	4338.54	33.20	2.65
156	2014/12/17	02:00:30	588.0000	4339.84	30.20	588.0000	4337.71	33.21	2.13
157	2014/12/17	06:00:30	592.0000	4339.80	30.20	592.0000	4337.01	33.21	2.79
158	2014/12/17	10:00:30	596.0000	4338.99	30.19	596.0000	4336.42	33.21	2.57
159	2014/12/17	14:00:30	600.0000	4337.95	30.20	600.0000	4335.45	33.20	2.50
160	2014/12/17	18:00:30	604.0000	4337.87	30.20	604.0000	4334.55	33.20	3.32

LOWER Serial Number: VNB Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
UPPER Serial Number: VND Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
Print Filter: Print every 4 hour

TUNDRA OIL & GAS PARTNERSHIP
103/09-13-008-29W1/00
Start Test Date: 2014/11/22
Final Test Date: 2015/01/07

SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
RESERVOIR PRESSURE SURVEY
Formation: BAKKEN
RECORDERS @ 1004 mKBMD (935.946 TVD)

	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	Diff. G1 - G2 kPa
161	2014/12/17	22:00:30	608.0000	4336.34	30.19	608.0000	4333.86	33.20	2.48
162	2014/12/18	02:00:30	612.0000	4335.63	30.19	612.0000	4332.94	33.20	2.69
163	2014/12/18	06:00:30	616.0000	4334.98	30.19	616.0000	4332.60	33.21	2.38
164	2014/12/18	10:00:30	620.0000	4334.23	30.19	620.0000	4331.90	33.21	2.33
165	2014/12/18	14:00:30	624.0000	4333.74	30.19	624.0000	4330.45	33.20	3.29
166	2014/12/18	18:00:30	628.0000	4332.83	30.19	628.0000	4330.21	33.20	2.62
167	2014/12/18	22:00:30	632.0000	4331.91	30.19	632.0000	4329.15	33.20	2.76
168	2014/12/19	02:00:30	636.0000	4331.14	30.19	636.0000	4328.47	33.20	2.67
169	2014/12/19	06:00:30	640.0000	4330.41	30.19	640.0000	4327.78	33.20	2.63
170	2014/12/19	10:00:30	644.0000	4329.70	30.19	644.0000	4326.81	33.20	2.89
171	2014/12/19	14:00:30	648.0000	4328.84	30.19	648.0000	4326.11	33.20	2.73
172	2014/12/19	18:00:30	652.0000	4328.25	30.20	652.0000	4325.46	33.20	2.79
173	2014/12/19	22:00:30	656.0000	4327.24	30.19	656.0000	4324.33	33.20	2.91
174	2014/12/20	02:00:30	660.0000	4326.42	30.19	660.0000	4323.08	33.20	3.34
175	2014/12/20	06:00:30	664.0000	4325.93	30.19	664.0000	4323.14	33.20	2.79
176	2014/12/20	10:00:30	668.0000	4324.93	30.19	668.0000	4322.33	33.20	2.60
177	2014/12/20	14:00:30	672.0000	4323.47	30.19	672.0000	4321.46	33.20	2.01
178	2014/12/20	18:00:30	676.0000	4323.49	30.19	676.0000	4320.84	33.20	2.65
179	2014/12/20	22:00:30	680.0000	4322.33	30.19	680.0000	4319.64	33.20	2.69
180	2014/12/21	02:00:30	684.0000	4321.33	30.19	684.0000	4318.88	33.20	2.45
181	2014/12/21	06:00:30	688.0000	4320.97	30.19	688.0000	4318.17	33.20	2.80
182	2014/12/21	10:00:30	692.0000	4320.17	30.19	692.0000	4317.55	33.19	2.62
183	2014/12/21	14:00:30	696.0000	4319.49	30.19	696.0000	4316.73	33.19	2.76
184	2014/12/21	18:00:30	700.0000	4318.65	30.19	700.0000	4316.04	33.19	2.61
185	2014/12/21	22:00:30	704.0000	4317.81	30.19	704.0000	4315.15	33.19	2.66
186	2014/12/22	02:00:30	708.0000	4316.97	30.19	708.0000	4314.43	33.19	2.54
187	2014/12/22	06:00:30	712.0000	4316.59	30.19	712.0000	4313.76	33.19	2.83
188	2014/12/22	10:00:30	716.0000	4315.94	30.19	716.0000	4312.93	33.19	3.01
189	2014/12/22	14:00:30	720.0000	4315.71	30.19	720.0000	4311.95	33.19	3.76
190	2014/12/22	18:00:30	724.0000	4314.80	30.19	724.0000	4311.96	33.19	2.84
191	2014/12/22	22:00:30	728.0000	4314.03	30.19	728.0000	4311.33	33.19	2.70
192	2014/12/23	02:00:30	732.0000	4313.34	30.18	732.0000	4309.55	33.19	3.79
193	2014/12/23	06:00:30	736.0000	4313.07	30.18	736.0000	4309.80	33.19	3.27
194	2014/12/23	10:00:30	740.0000	4312.45	30.18	740.0000	4310.40	33.19	2.05
195	2014/12/23	14:00:30	744.0000	4311.65	30.18	744.0000	4308.76	33.19	2.89
196	2014/12/23	18:00:30	748.0000	4310.16	30.18	748.0000	4308.10	33.19	2.06
197	2014/12/23	22:00:30	752.0000	4309.70	30.18	752.0000	4307.07	33.19	2.63
198	2014/12/24	02:00:30	756.0000	4308.60	30.18	756.0000	4305.94	33.19	2.66
199	2014/12/24	06:00:30	760.0000	4306.94	30.19	760.0000	4304.79	33.19	2.15
200	2014/12/24	10:00:30	764.0000	4306.64	30.18	764.0000	4303.78	33.19	2.86

LOWER Serial Number: VNB Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
UPPER Serial Number: VND Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
Print Filter: Print every 4 hour

TUNDRA OIL & GAS PARTNERSHIP
103/09-13-008-29W1/00
Start Test Date: 2014/11/22
Final Test Date: 2015/01/07

SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
RESERVOIR PRESSURE SURVEY
Formation: BAKKEN
RECORDERS @ 1004 mKBMD (935.946 TVD)

	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	Diff. G1 - G2 kPa
201	2014/12/24	14:00:30	768.0000	4305.42	30.18	768.0000	4302.75	33.19	2.67
202	2014/12/24	18:00:30	772.0000	4304.44	30.18	772.0000	4301.77	33.19	2.67
203	2014/12/24	22:00:30	776.0000	4303.44	30.18	776.0000	4300.93	33.19	2.51
204	2014/12/25	02:00:30	780.0000	4302.81	30.18	780.0000	4300.01	33.18	2.80
205	2014/12/25	06:00:30	784.0000	4302.20	30.18	784.0000	4299.09	33.18	3.11
206	2014/12/25	10:00:30	788.0000	4301.38	30.18	788.0000	4298.69	33.19	2.69
207	2014/12/25	14:00:30	792.0000	4300.68	30.18	792.0000	4297.96	33.18	2.72
208	2014/12/25	18:00:30	796.0000	4299.93	30.18	796.0000	4297.14	33.18	2.79
209	2014/12/25	22:00:30	800.0000	4299.24	30.18	800.0000	4296.51	33.18	2.73
210	2014/12/26	02:00:30	804.0000	4298.37	30.18	804.0000	4295.64	33.18	2.73
211	2014/12/26	06:00:30	808.0000	4297.36	30.18	808.0000	4294.58	33.18	2.78
212	2014/12/26	10:00:30	812.0000	4296.63	30.17	812.0000	4294.26	33.18	2.37
213	2014/12/26	14:00:30	816.0000	4295.55	30.18	816.0000	4292.88	33.18	2.67
214	2014/12/26	18:00:30	820.0000	4293.96	30.18	820.0000	4291.71	33.18	2.25
215	2014/12/26	22:00:30	824.0000	4293.58	30.18	824.0000	4290.93	33.18	2.65
216	2014/12/27	02:00:30	828.0000	4292.43	30.18	828.0000	4289.78	33.18	2.65
217	2014/12/27	06:00:30	832.0000	4291.25	30.18	832.0000	4288.42	33.18	2.83
218	2014/12/27	10:00:30	836.0000	4290.48	30.18	836.0000	4287.61	33.18	2.87
219	2014/12/27	14:00:30	840.0000	4289.38	30.18	840.0000	4286.59	33.18	2.79
220	2014/12/27	18:00:30	844.0000	4288.36	30.18	844.0000	4285.57	33.18	2.79
221	2014/12/27	22:00:30	848.0000	4287.94	30.18	848.0000	4284.45	33.18	3.49
222	2014/12/28	02:00:30	852.0000	4286.20	30.17	852.0000	4283.74	33.18	2.46
223	2014/12/28	06:00:30	856.0000	4285.78	30.17	856.0000	4282.30	33.18	3.48
224	2014/12/28	10:00:30	860.0000	4284.11	30.17	860.0000	4281.41	33.18	2.70
225	2014/12/28	14:00:30	864.0000	4282.95	30.17	864.0000	4280.69	33.18	2.26
226	2014/12/28	18:00:30	868.0000	4281.67	30.17	868.0000	4278.97	33.18	2.70
227	2014/12/28	22:00:30	872.0000	4280.95	30.17	872.0000	4277.63	33.18	3.32
228	2014/12/29	02:00:30	876.0000	4279.62	30.17	876.0000	4276.44	33.18	3.18
229	2014/12/29	06:00:30	880.0000	4278.78	30.17	880.0000	4276.03	33.18	2.75
230	2014/12/29	10:00:30	884.0000	4277.99	30.17	884.0000	4274.93	33.18	3.06
231	2014/12/29	14:00:30	888.0000	4277.42	30.18	888.0000	4273.69	33.18	3.73
232	2014/12/29	18:00:30	892.0000	4275.38	30.17	892.0000	4272.45	33.17	2.93
233	2014/12/29	22:00:30	896.0000	4274.18	30.18	896.0000	4272.16	33.18	2.02
234	2014/12/30	02:00:30	900.0000	4273.18	30.18	900.0000	4270.33	33.17	2.85
235	2014/12/30	06:00:30	904.0000	4272.10	30.17	904.0000	4269.38	33.18	2.72
236	2014/12/30	10:00:30	908.0000	4269.90	30.17	908.0000	4267.88	33.18	2.02
237	2014/12/30	14:00:30	912.0000	4269.62	30.18	912.0000	4266.87	33.18	2.75
238	2014/12/30	18:00:30	916.0000	4268.19	30.17	916.0000	4265.53	33.18	2.66
239	2014/12/30	22:00:30	920.0000	4267.29	30.17	920.0000	4263.82	33.18	3.47
240	2014/12/31	02:00:30	924.0000	4265.51	30.17	924.0000	4262.03	33.18	3.48

LOWER Serial Number: VNB Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
UPPER Serial Number: VND Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
Print Filter: Print every 4 hour

TUNDRA OIL & GAS PARTNERSHIP
103/09-13-008-29W1/00
Start Test Date: 2014/11/22
Final Test Date: 2015/01/07

RESERVOIR PRESSURE SURVEY
RECORDERS @ 1004 mKBMD (935.946 TVD)

SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
Formation: BAKKEN

	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	Diff. G1 - G2 kPa
241	2014/12/31	06:00:30	928.0000	4264.44	30.17	928.0000	4261.71	33.18	2.73
242	2014/12/31	10:00:30	932.0000	4263.36	30.17	932.0000	4260.51	33.18	2.85
243	2014/12/31	14:00:30	936.0000	4262.16	30.17	936.0000	4259.38	33.17	2.78
244	2014/12/31	18:00:30	940.0000	4260.86	30.17	940.0000	4257.09	33.17	3.77
245	2014/12/31	22:00:30	944.0000	4259.53	30.17	944.0000	4256.69	33.18	2.84
246	2015/01/01	02:00:30	948.0000	4259.22	30.17	948.0000	4255.62	33.17	3.60
247	2015/01/01	06:00:30	952.0000	4257.51	30.17	952.0000	4254.91	33.18	2.60
248	2015/01/01	10:00:30	956.0000	4256.63	30.17	956.0000	4253.86	33.18	2.77
249	2015/01/01	14:00:30	960.0000	4255.69	30.17	960.0000	4252.83	33.17	2.86
250	2015/01/01	18:00:30	964.0000	4254.38	30.16	964.0000	4251.71	33.17	2.67
251	2015/01/01	22:00:30	968.0000	4253.13	30.17	968.0000	4250.48	33.17	2.65
252	2015/01/02	02:00:30	972.0000	4251.99	30.17	972.0000	4249.14	33.17	2.85
253	2015/01/02	06:00:30	976.0000	4251.09	30.17	976.0000	4248.34	33.17	2.75
254	2015/01/02	10:00:30	980.0000	4250.09	30.17	980.0000	4247.18	33.17	2.91
255	2015/01/02	14:00:30	984.0000	4249.04	30.17	984.0000	4246.21	33.17	2.83
256	2015/01/02	18:00:30	988.0000	4247.59	30.17	988.0000	4244.88	33.17	2.71
257	2015/01/02	22:00:30	992.0000	4246.57	30.17	992.0000	4243.62	33.17	2.95
258	2015/01/03	02:00:30	996.0000	4245.56	30.17	996.0000	4242.04	33.18	3.52
259	2015/01/03	06:00:30	1000.0000	4244.72	30.17	1000.0000	4242.24	33.17	2.48
260	2015/01/03	10:00:30	1004.0000	4243.72	30.17	1004.0000	4240.81	33.17	2.91
261	2015/01/03	14:00:30	1008.0000	4242.60	30.16	1008.0000	4239.73	33.17	2.87
262	2015/01/03	18:00:30	1012.0000	4241.54	30.17	1012.0000	4238.60	33.17	2.94
263	2015/01/03	22:00:30	1016.0000	4240.16	30.17	1016.0000	4237.29	33.17	2.87
264	2015/01/04	02:00:30	1020.0000	4238.90	30.17	1020.0000	4235.46	33.17	3.44
265	2015/01/04	06:00:30	1024.0000	4238.61	30.17	1024.0000	4235.09	33.17	3.52
266	2015/01/04	10:00:30	1028.0000	4236.85	30.17	1028.0000	4233.84	33.17	3.01
267	2015/01/04	14:00:30	1032.0000	4235.40	30.16	1032.0000	4233.32	33.17	2.08
268	2015/01/04	18:00:30	1036.0000	4234.42	30.16	1036.0000	4231.58	33.17	2.84
269	2015/01/04	22:00:30	1040.0000	4233.09	30.17	1040.0000	4230.04	33.17	3.05
270	2015/01/05	02:00:30	1044.0000	4231.87	30.17	1044.0000	4229.58	33.17	2.29
271	2015/01/05	06:00:30	1048.0000	4230.55	30.17	1048.0000	4227.81	33.17	2.74
272	2015/01/05	10:00:30	1052.0000	4229.40	30.17	1052.0000	4226.55	33.17	2.85
273	2015/01/05	14:00:30	1056.0000	4228.34	30.17	1056.0000	4225.37	33.17	2.97
274	2015/01/05	18:00:30	1060.0000	4227.25	30.16	1060.0000	4224.48	33.17	2.77
275	2015/01/05	22:00:30	1064.0000	4226.14	30.17	1064.0000	4223.31	33.17	2.83
276	2015/01/06	02:00:30	1068.0000	4225.28	30.16	1068.0000	4222.33	33.17	2.95
277	2015/01/06	06:00:30	1072.0000	4224.08	30.17	1072.0000	4221.27	33.17	2.81
278	2015/01/06	10:00:30	1076.0000	4223.22	30.16	1076.0000	4219.99	33.17	3.23
279	2015/01/06	14:00:30	1080.0000	4222.17	30.17	1080.0000	4219.49	33.17	2.68
280	2015/01/06	18:00:30	1084.0000	4221.39	30.16	1084.0000	4218.58	33.17	2.81

LOWER Serial Number: VNB Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
UPPER Serial Number: VND Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
Print Filter: Print every 4 hour

TUNDRA OIL & GAS PARTNERSHIP
103/09-13-008-29W1/00
Start Test Date: 2014/11/22
Final Test Date: 2015/01/07

RESERVOIR PRESSURE SURVEY
RECORDERS @ 1004 mKBMD (935.946 TVD)

SINCLAIR UNIT No. 12 HZNTL A9D-13-8-29
Formation: BAKKEN

	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	Diff. G1 - G2 kPa
281	2015/01/06	22:00:30	1088.0000	4220.30	30.16	1088.0000	4217.55	33.17	2.75
282	2015/01/07	02:00:30	1092.0000	4219.38	30.17	1092.0000	4216.49	33.17	2.89
283	2015/01/07	06:00:30	1096.0000	4218.42	30.17	1096.0000	4215.63	33.17	2.79
284	2015/01/07	09:36:30	1099.6000	4218.55	30.18	1099.6000	4215.73	33.17	2.82
285	2015/01/07	09:36:30	1099.6000	FINAL PRESSURE, PREPARE TO UNSET BRIDGE PLUG					
286	2015/01/07	09:37:00	1099.6083	9791.64	30.33	1099.6083	4215.77	33.17	5575.87
287	2015/01/07	09:37:00	1099.6083	BRIDGE PLUG IS UNSET					
288	2015/01/07	09:37:30	1099.6167	9763.16	30.20	1099.6167	9810.11	33.27	-46.95
289	2015/01/07	10:00:30	1100.0000	9644.37	29.33	1100.0000	9648.75	32.29	-4.38
290	2015/01/07	10:08:30	1100.1333	9547.95	28.52	1100.1333	9550.27	31.58	-2.32
291	2015/01/07	10:08:30	1100.1333	LL OUT OF HOLE					
292	2015/01/07	10:09:00	1100.1417	9383.54	28.45	1100.1417	9547.24	31.48	-163.70
293	2015/01/07	11:22:30	1101.3667	104.84	-2.51	1101.3667	113.25	3.37	-8.41
294	2015/01/07	11:22:30	1101.3667	RECORDERS AT SURFACE					
295	2015/01/07	11:23:00	1101.3750	103.99	-2.83	1101.3750	113.03	3.09	-9.04
296	2015/01/07	14:00:30	1104.0000	179.25	-20.59	1104.0000	130.09	-16.64	49.16
297	2015/01/07	18:00:30	1108.0000	117.99	6.65	1108.0000	114.10	8.03	3.89
298	2015/01/07	22:00:30	1112.0000	118.87	11.02	1112.0000	113.12	13.70	5.75
299	2015/01/07	23:45:00	1113.7417	119.04	12.07	1113.7417	113.23	14.72	5.81

LOWER Serial Number: VNB Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
UPPER Serial Number: VND Start Date: 2014/11/22 14:00:30 Run Depth: 1004.00
Print Filter: Print every 4 hour



DATE: November 22 nd , 2014 - January 7 th , 2015	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Sinclair	ADDRESS: Virden, MB
LOCATION: 9-14-9-13-8-29 W1	UWI: 103.09-13-008-29W1.00
FIELD: Sinclair	FORMATION: Bakken
CO HQ REP: Craig [REDACTED]	PHONE: 1204 748 4409
FIELD REP: Brent [REDACTED]	PHONE: 1204 851 5013
REPORTS TO (NAME & EMAIL ADDRESS): brett.howell@tundraoilandgas.com chris.perkins@tundraoilandgas.com robert.prefontaine@tundraoilandgas.com adam.berke@tundraoilandgas.com shirley.angus@tundraoilandgas.com allan.bertram@tundraoilandgas.com bill.jenkins@tundraoilandgas.com chris.perkins@tundraoilandgas.com craig.lane@tundraoilandgas.com eric.bjornsson@tundraoilandgas.com jane.mctaggart@tundraoilandgas.com anh.hgyen@tundraoilandgas.com justin.robertson@tundraoilandgas.com andrew.taylor@tundraoilandgas.com tim.howell@tundraoilandgas.com tyler.routledge@tundraoilandgas.com	

STATUS: Oil Well		TEST TYPE: Bridge Plug
ESTIMATED H2S CONTENT: <10 ppm		ESTIMATED CO2 CONTENT: <10 ppm
PRODUCING THROUGH: Tubing		SHUT IN TIME/DATE: See Discription
KOP: 760 mKB	TVD: 944.42 mKB	LICENCE #: 10198
PBTD: N/A	TD: 2494 mKB	WELL TYPE: Horizontal
CASING SIZE: 177.8 mm	CSG WEIGHT: 34.22 / 29.76 kg/m	CSG DEPTH: 1051 mKB
TUBING SIZE: N/A	TBG WEIGHT: N/A	TBG DEPTH: N/A
Elevations KB: 512.09 mKB	GRD: 508.12 mKB	CF: 4.10 mKB

PRODUCING INTERVAL

TYPE: Open Hole	SIZE: N/A	INTERVAL: 1051 - 2494 mKB
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RECORDER INFORMATION

TOP S/N: VND	FILE NAME: 9-14-9-13-8-29 W1	RANGE: 20,680 kPa
BOTTOM S/N: VNB	FILE NAME: 9-14-9-13-8-29 W1	RANGE: 20,680 kPa
TOP BATTERY S/N: N/A	BOTTOM BATTERY S/N: N/A	
CONNECT TIME: November 22 nd , 2014 14:02:00	DISCONNECT TIME: January 8 th , 2015 09:47:30	

SURFACE TEMP: -40	LEASE CONDITION: Snowy
WIRELINE OPERATOR: Ivory Herman	PHONE: 1306 461 9504
WIRELINE ASSISTANT: N/A	
DIRECTIONS: N/A	

DWG WELL HEAD PRESSURES:

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

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

GRADIENT STOPS

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

DESCRIPTION OF WORK DONE:

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

November 22nd, 2014

14:02:00 - RIH

15:35:30 - On bottom

15:42:30 - Bridge plug set @1003 mKB Recorders @1004 mKB

January 7th, 2014

09:36:30 - FINAL STABLE BHP + BHT

09:37:00 - Bridge plug un-set

10:08:30 - POOH

11:22:30 - Surface

January 8th, 2014

09:47:30 - Download data

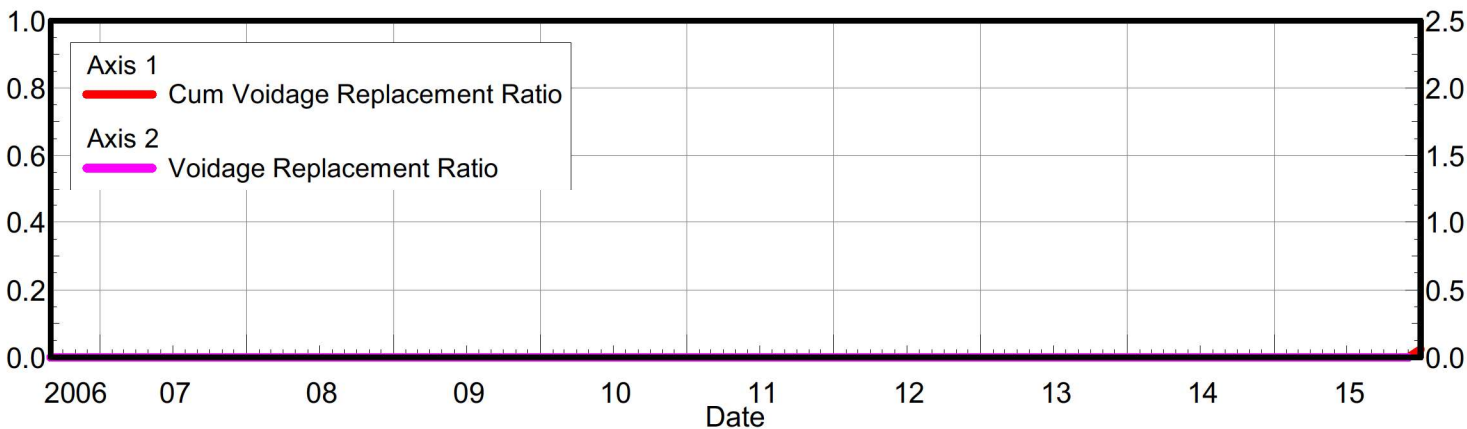
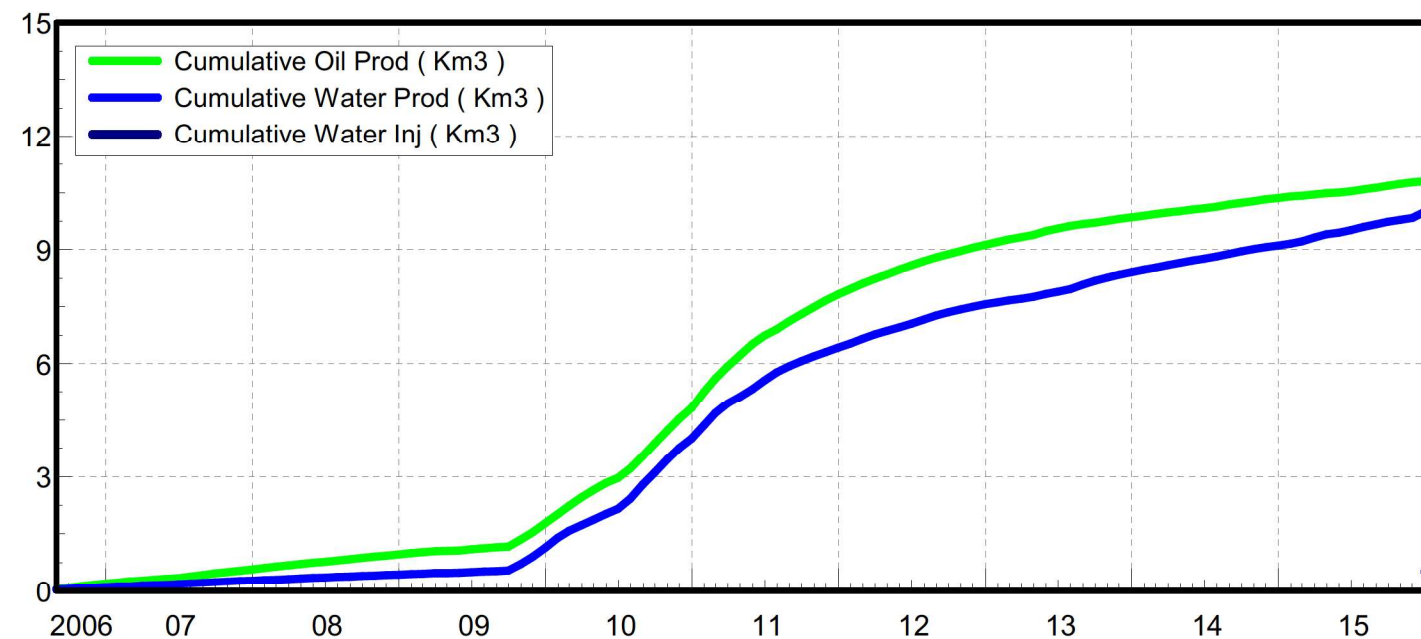
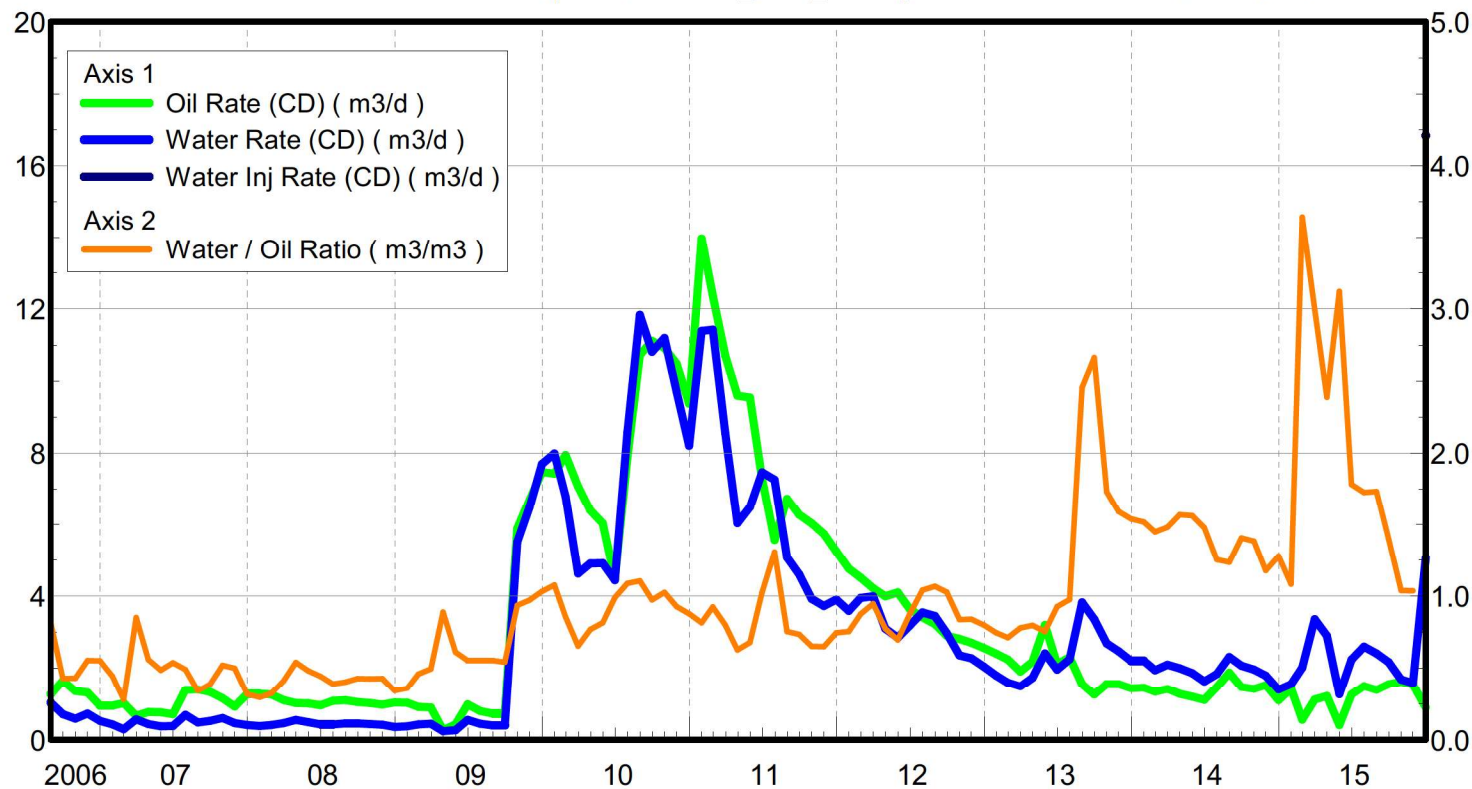
Appendix D

Average Monthly Injection Pressure (kPag)

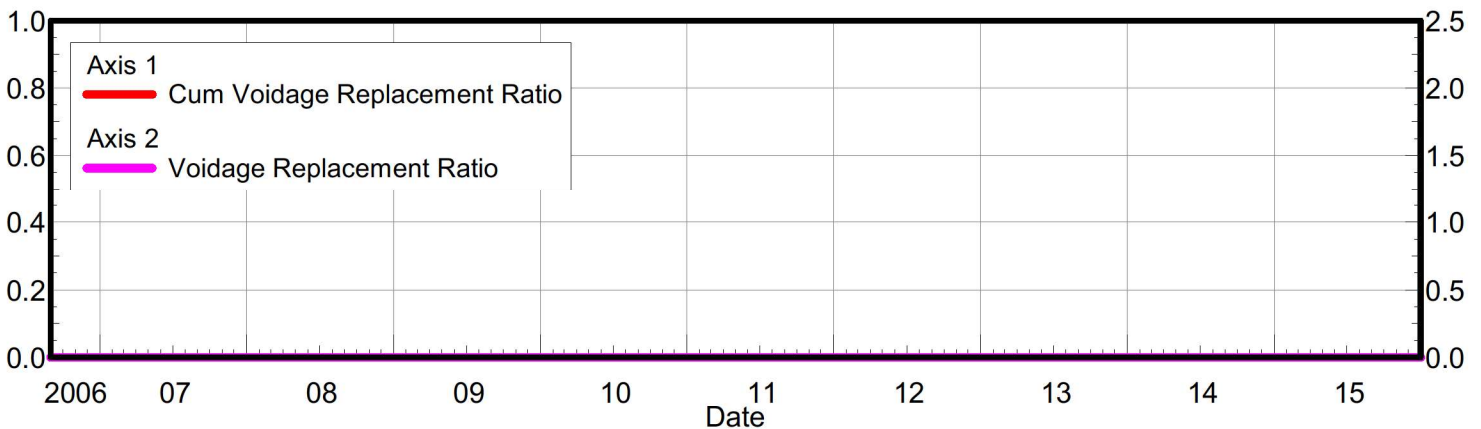
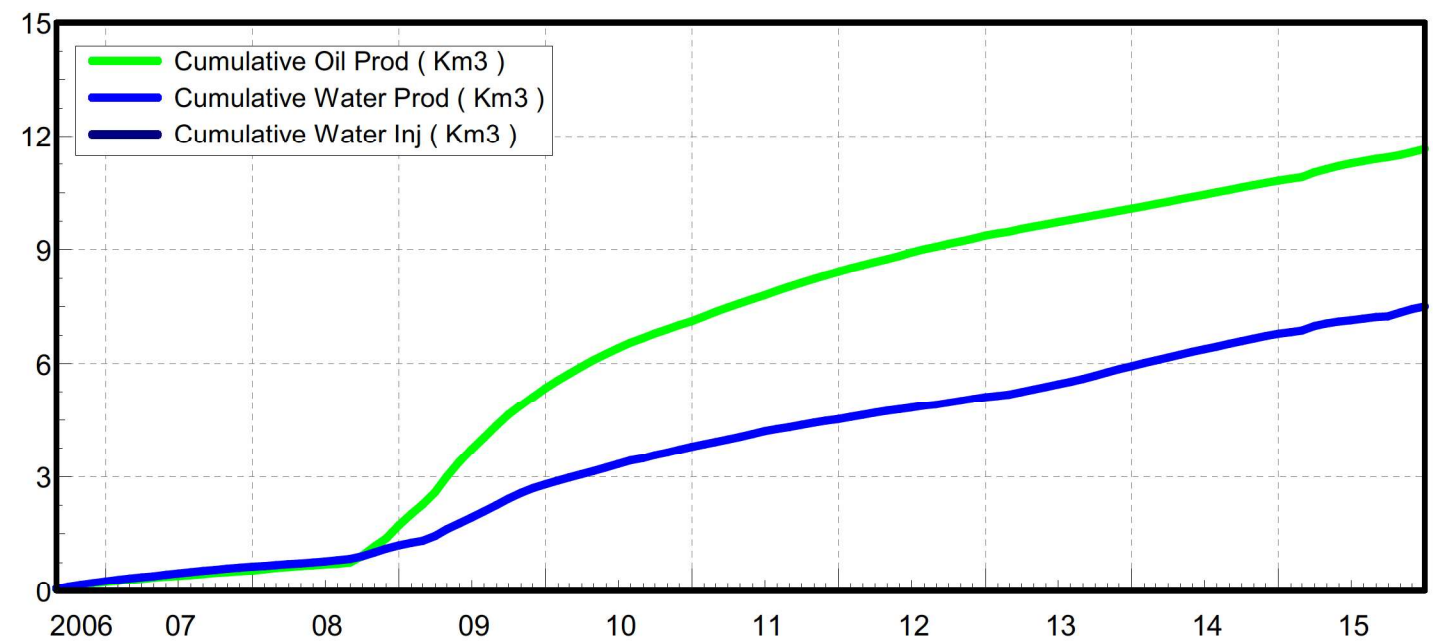
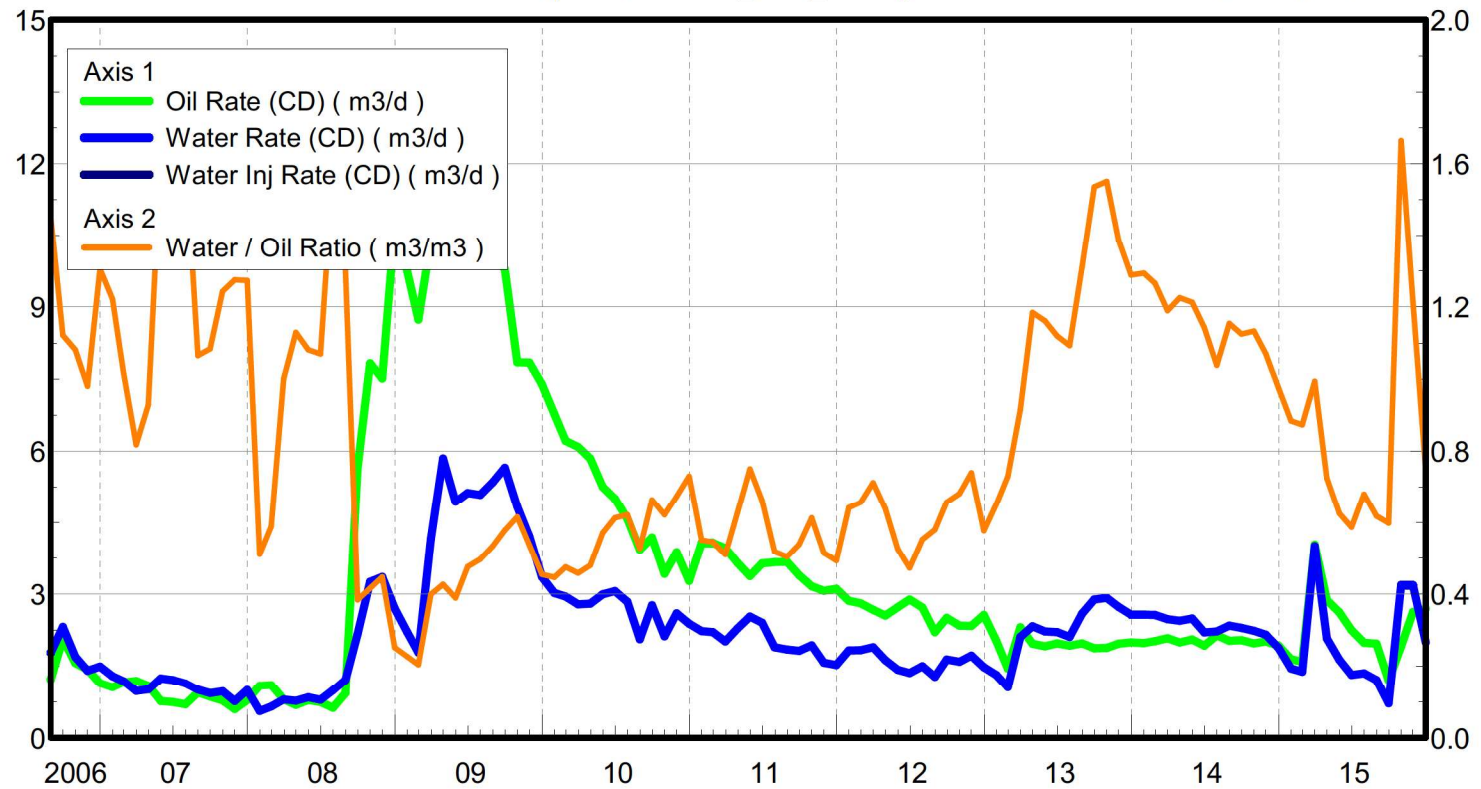
Month	Injection Pressure	
	100/04-18	102/12-05
Jan-15	-	-
Feb-15	-	-
Mar-15	-	-
Apr-15	-	-
May-15	-	-
Jun-15	-	-
Jul-15	-	-
Aug-15	-	-
Sep-15	0	0
Oct-15	656	0
Nov-15	2832	52
Dec-15	2959	-17

Appendix E
Rates and VRR Plots

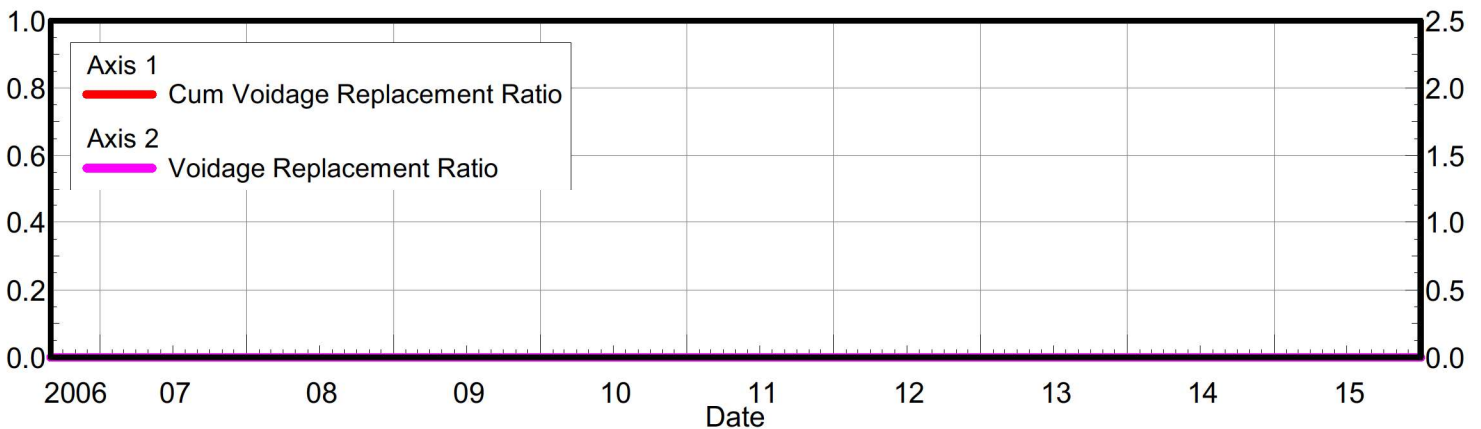
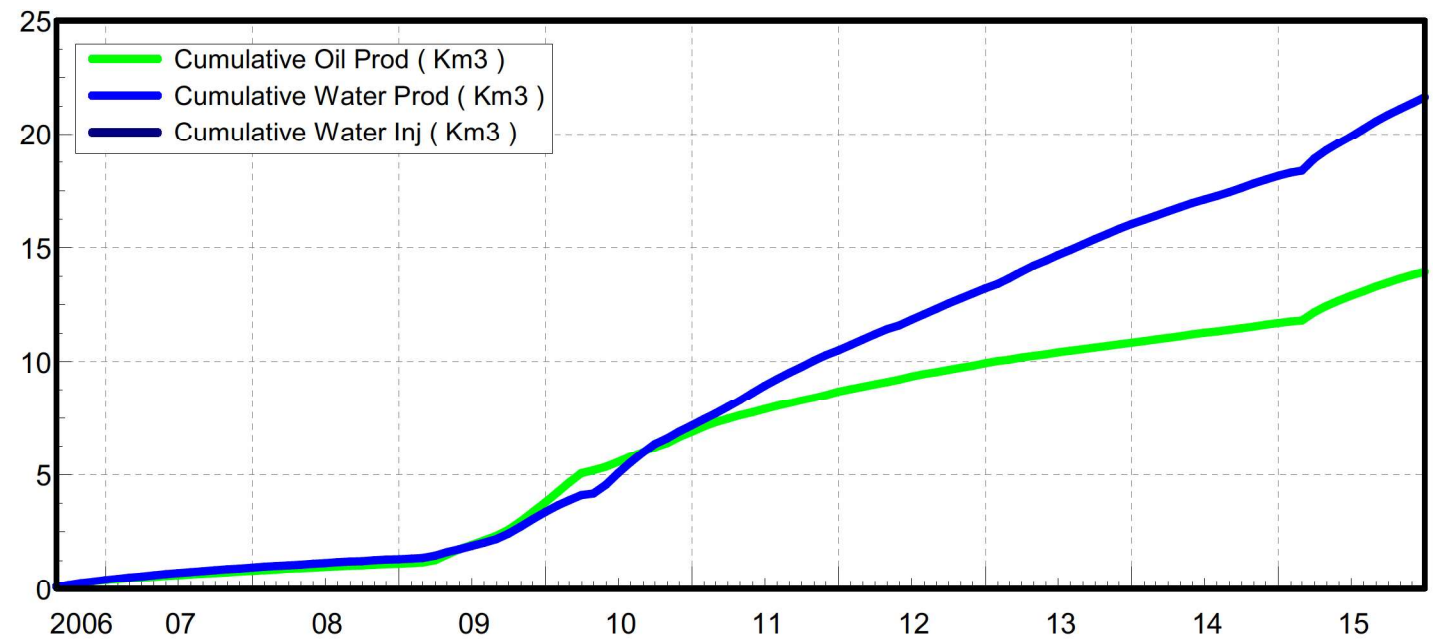
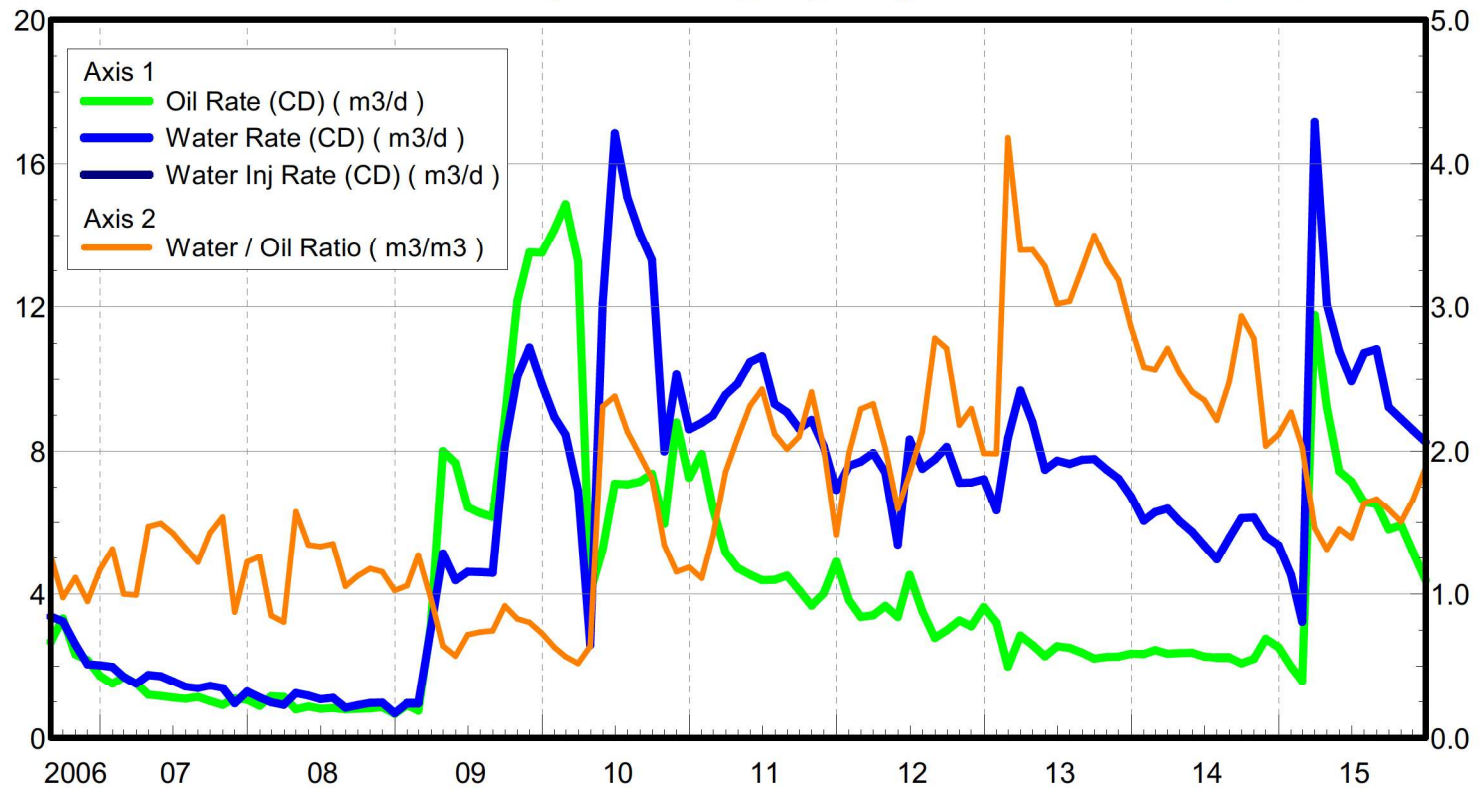
Oil Formation Vol Factor : 1.00150 m³/m³ Pattern: 02/12-05-008-28Inj Set: SinclairUnit#12 Oil Rate (CD) : 0.78 m³/d
 Water Formation Vol Factor : 1.00150 m³/m³ June 17, 2016 Water Rate (CD) : 7.97 m³/d
 Water / Oil Ratio : 10.15 m³/m³ Operator: Tundra_O&G_Prtnshp Water Inj Rate (CD) : 7.55 m³/d



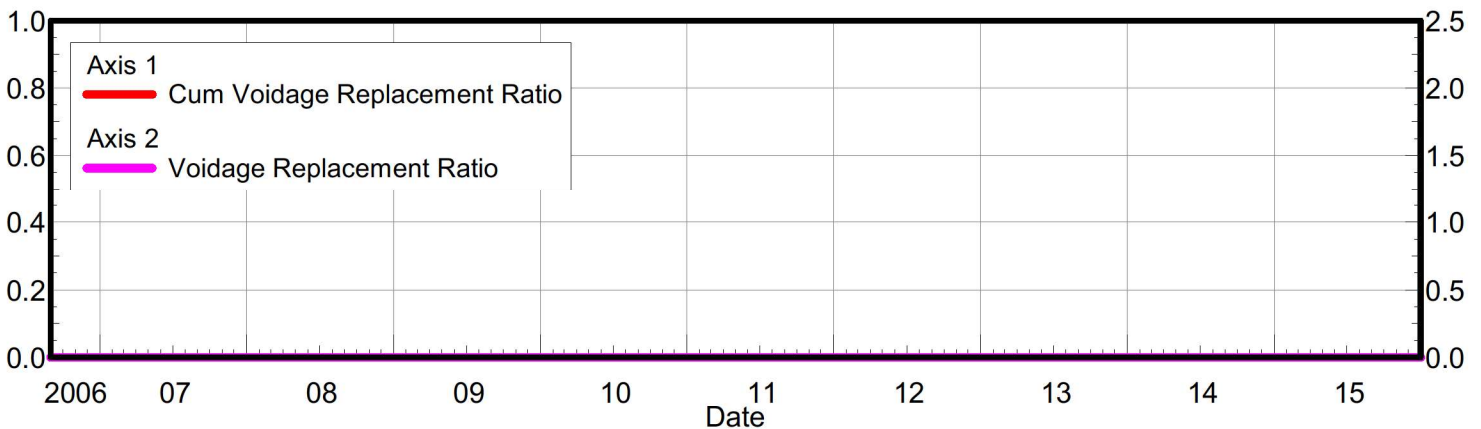
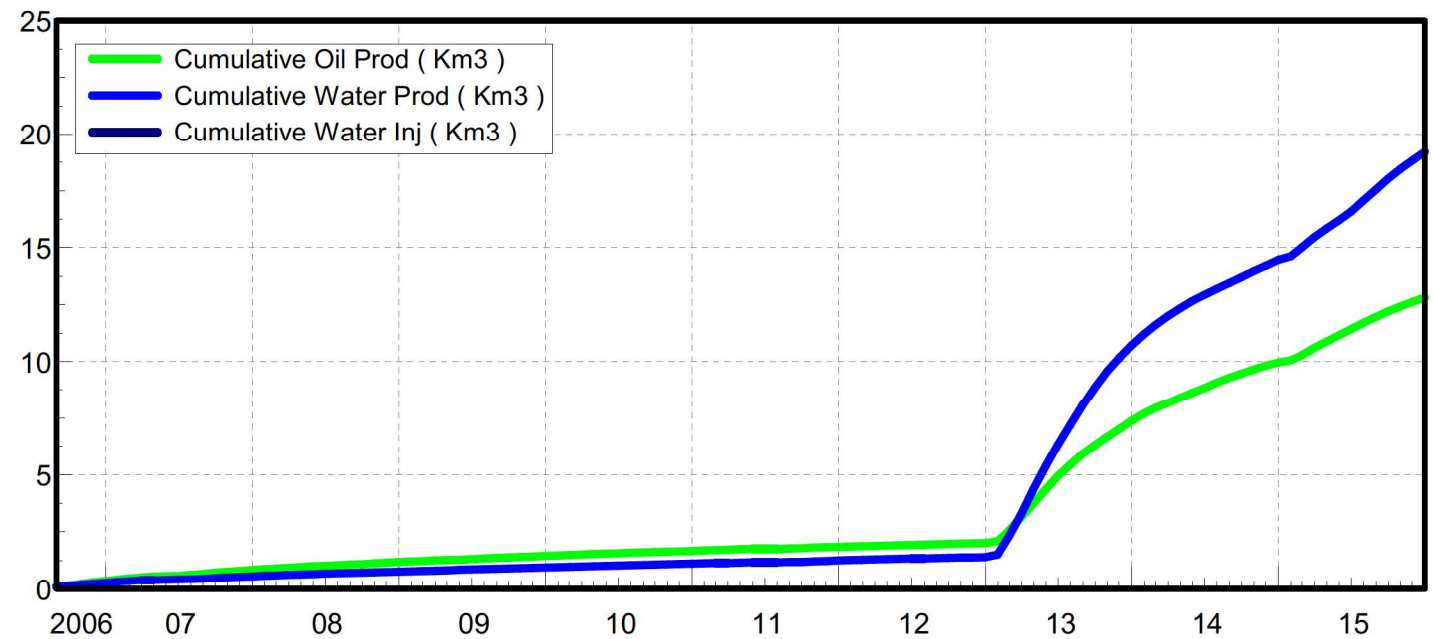
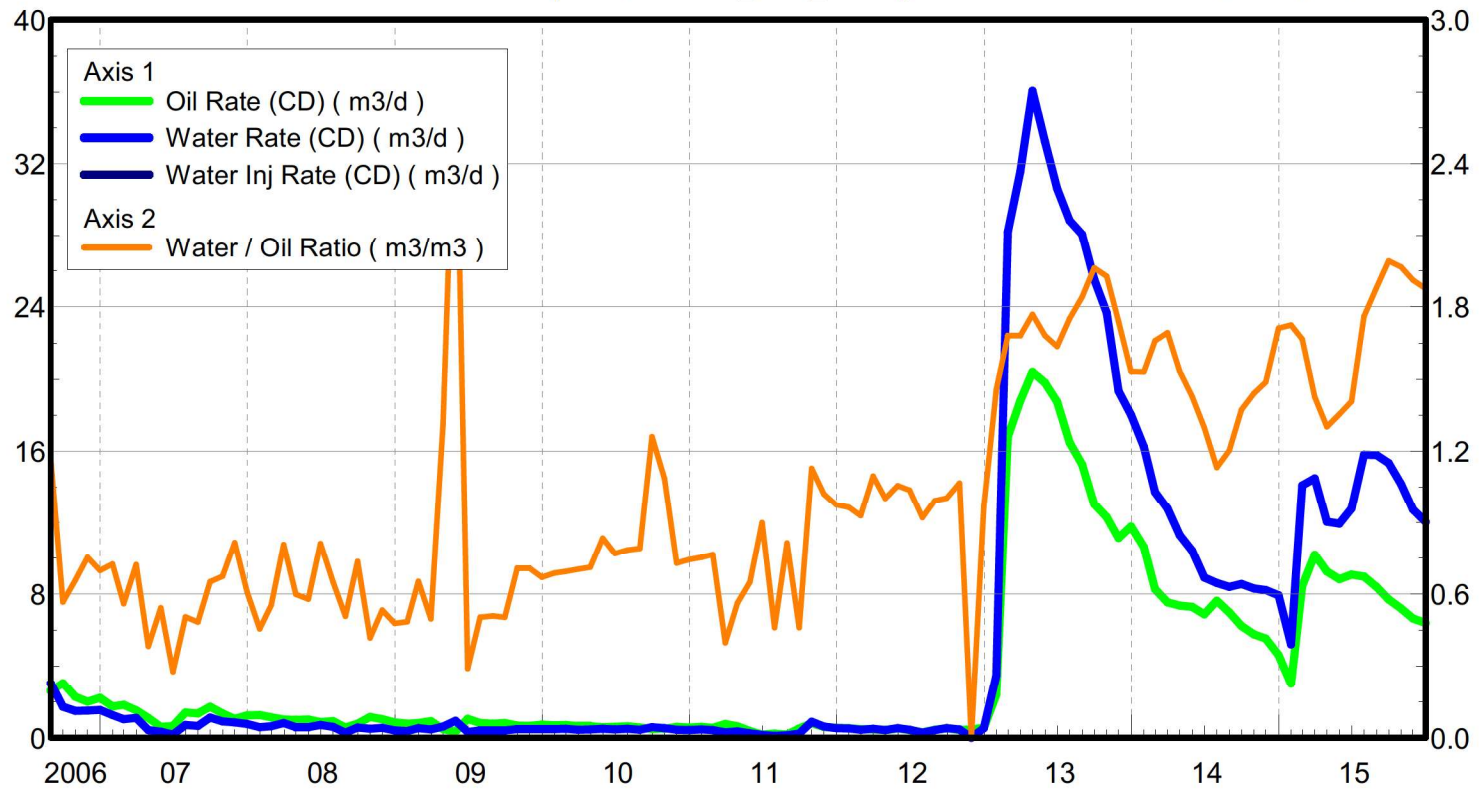
Oil Formation Vol Factor : 0.83 m³/m³ Pattern : 03/04-07-008-28 Inj Set: Sinclair Unit#12 Oil Rate (CD) : 2.32 m³/d
 Water Formation Vol Factor : 1.00150 m³/m³ June 17, 2016 Water Rate (CD) : 1.80 m³/d
 Water / Oil Ratio : 0.78 m³/m³ Operator: Tundra_O&G_Prtshp Water Inj Rate (CD) : * m³/d



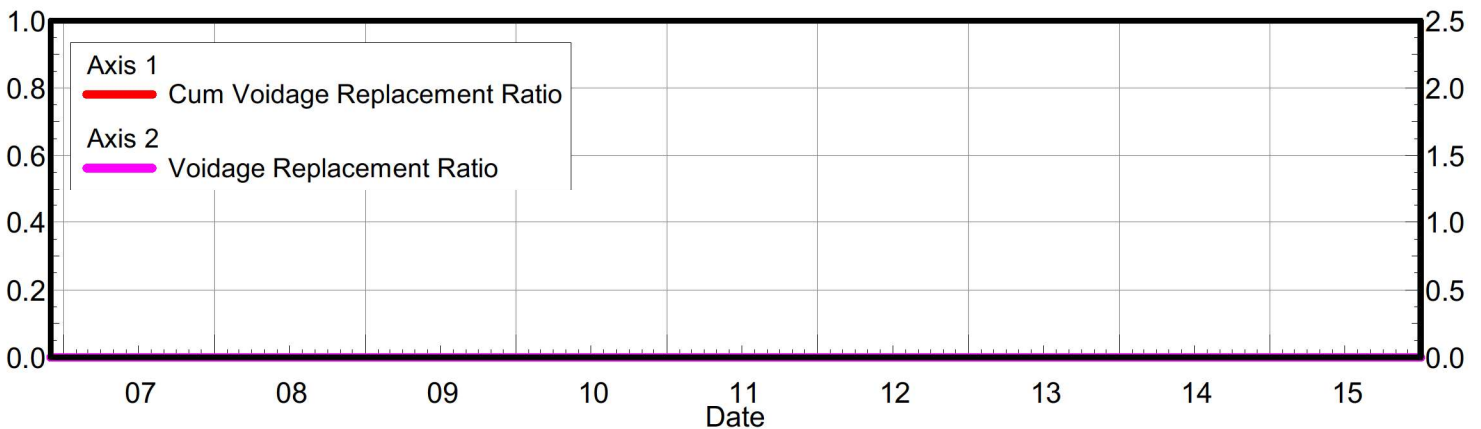
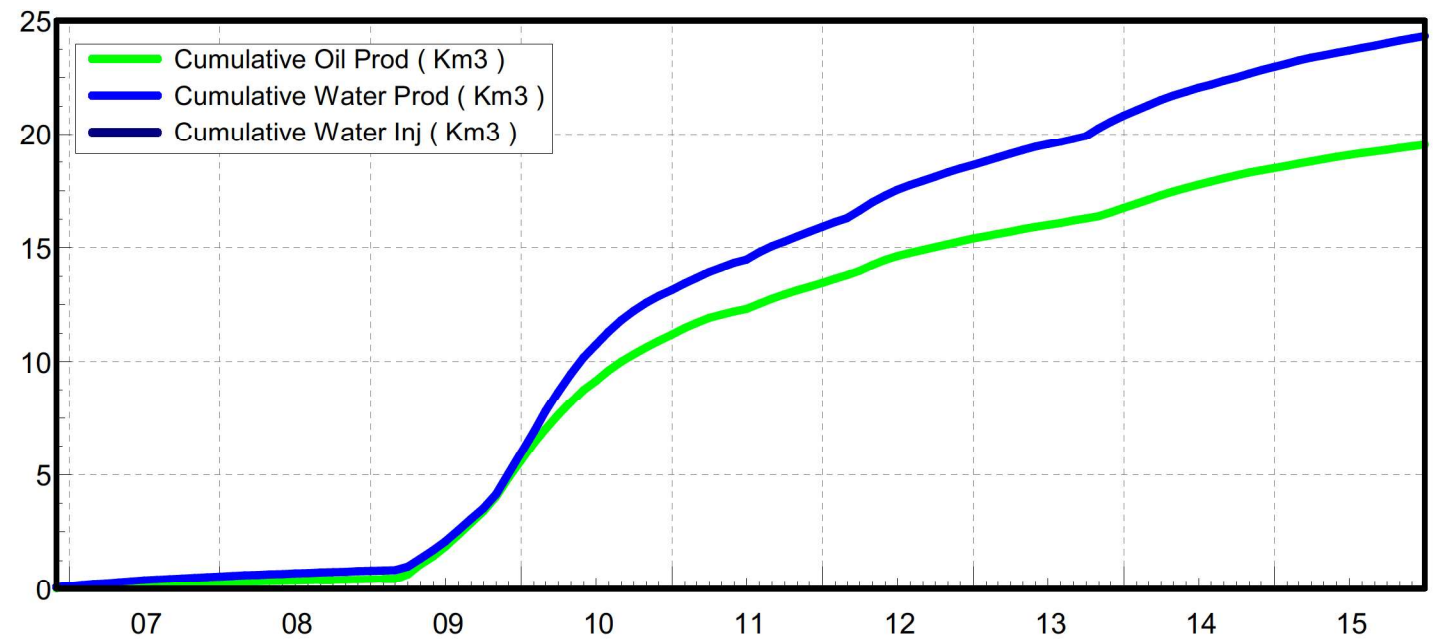
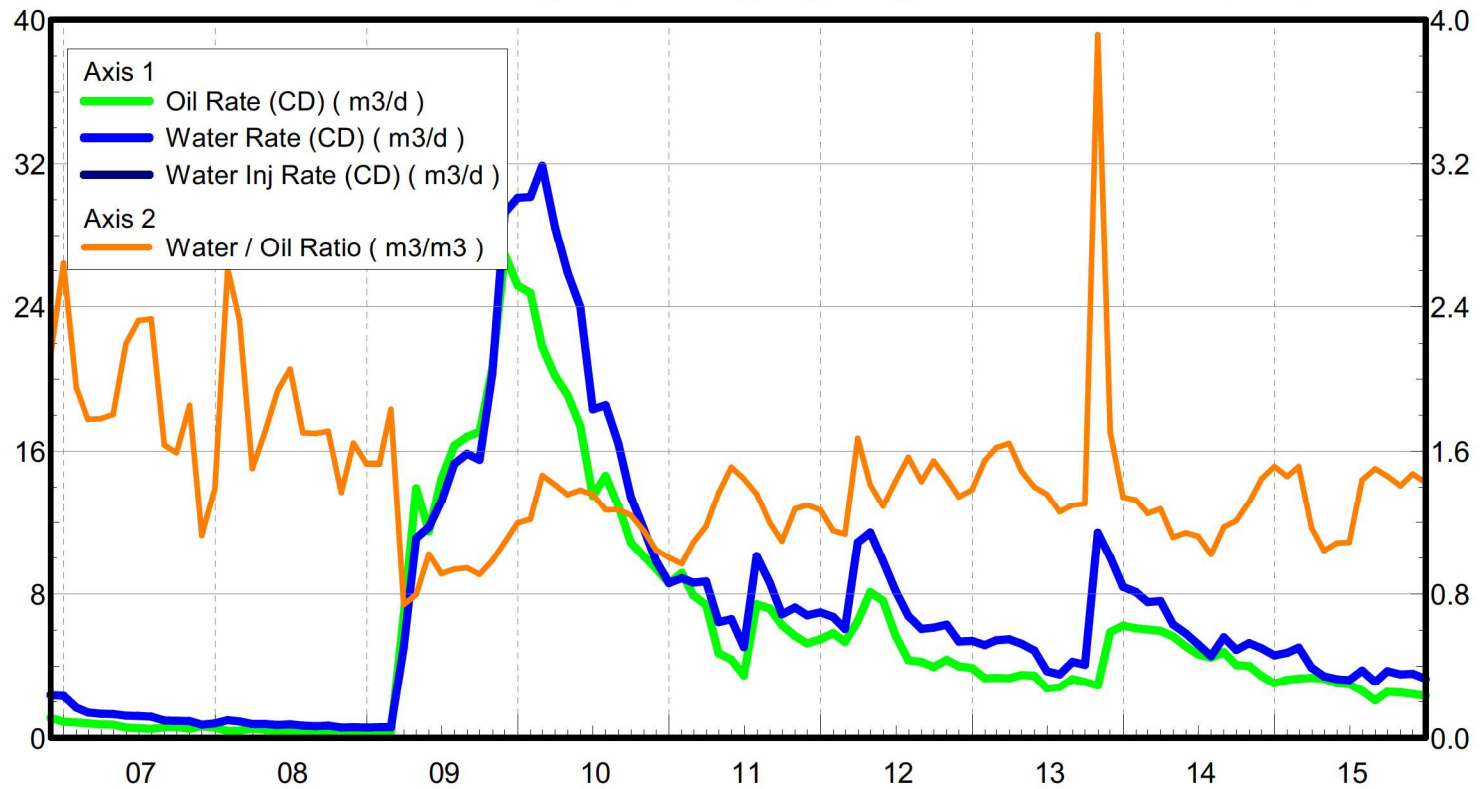
Oil Formation Vol Factor : 1.33 m³/m³ Pattern : 02/05-07-008-28 Inj Set: Sinclair Unit#12 Oil Rate (CD) : 3.72 m³/d
 Water Formation Vol Factor : 1.00150 m³/m³ June 17, 2016 Water Rate (CD) : 7.98 m³/d
 Water / Oil Ratio : 2.15 m³/m³ Operator: Tundra_O&G_Prtshp Water Inj Rate (CD) : * m³/d



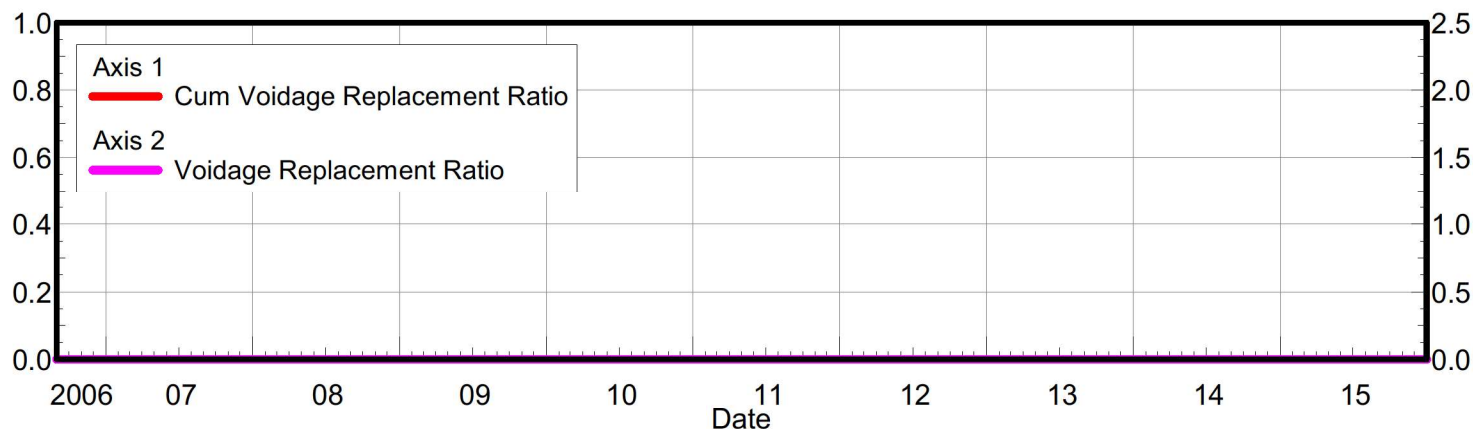
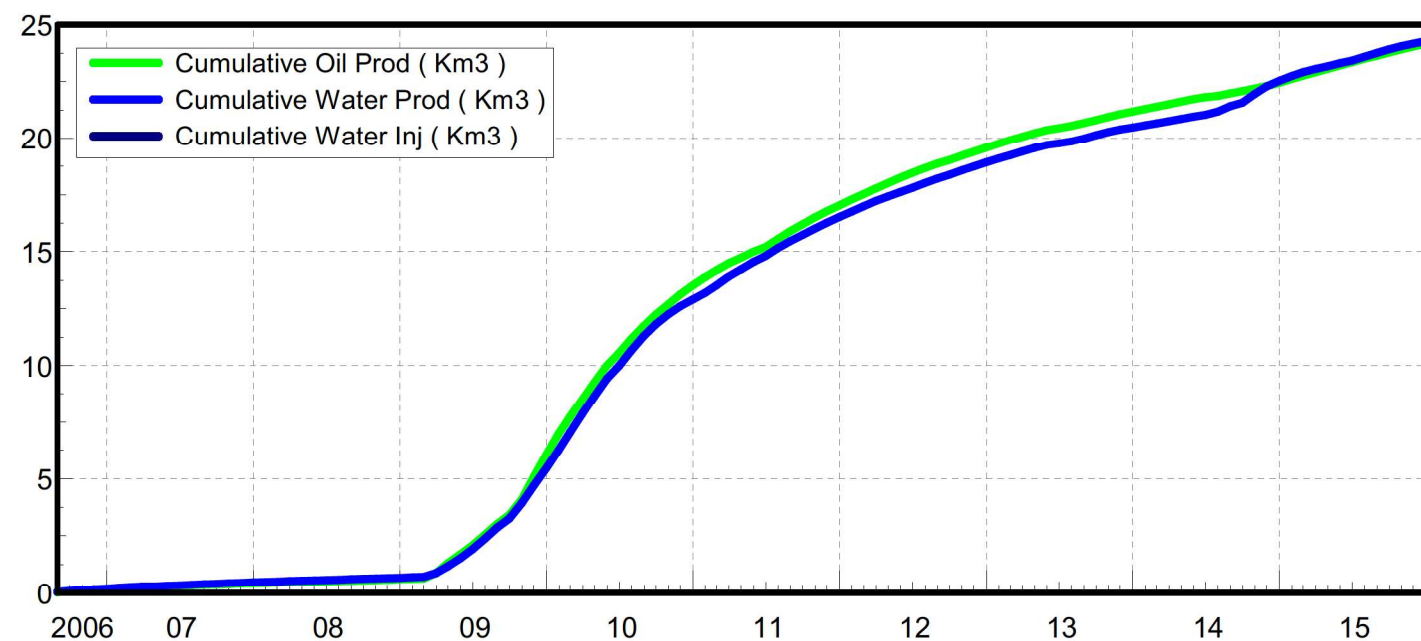
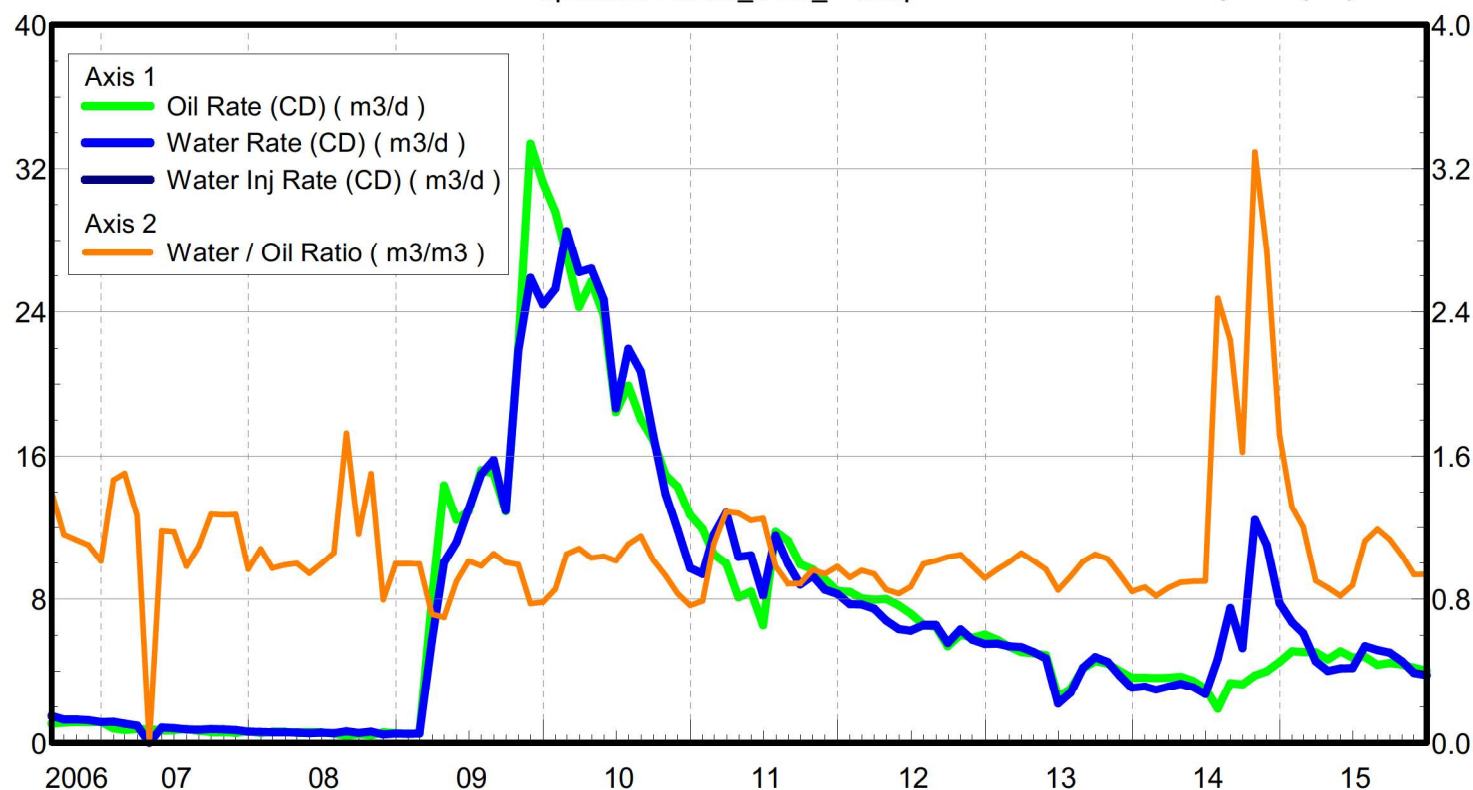
Oil Formation Vol Factor : 1.00150 m3/m3
Water Formation Vol Factor : 1.00150 m3/m3
Water / Oil Ratio : 1.91 m3/m3
Pattern : 03/12-07-008-28
Inj Set: Sinclair
Unit#12
Oil Rate (CD) : 5.52 m3/d
Water Rate (CD) : 10.54 m3/d
Water Inj Rate (CD) : * m3/d
June 17, 2016
Operator: Tundra_O&G_Prtshp



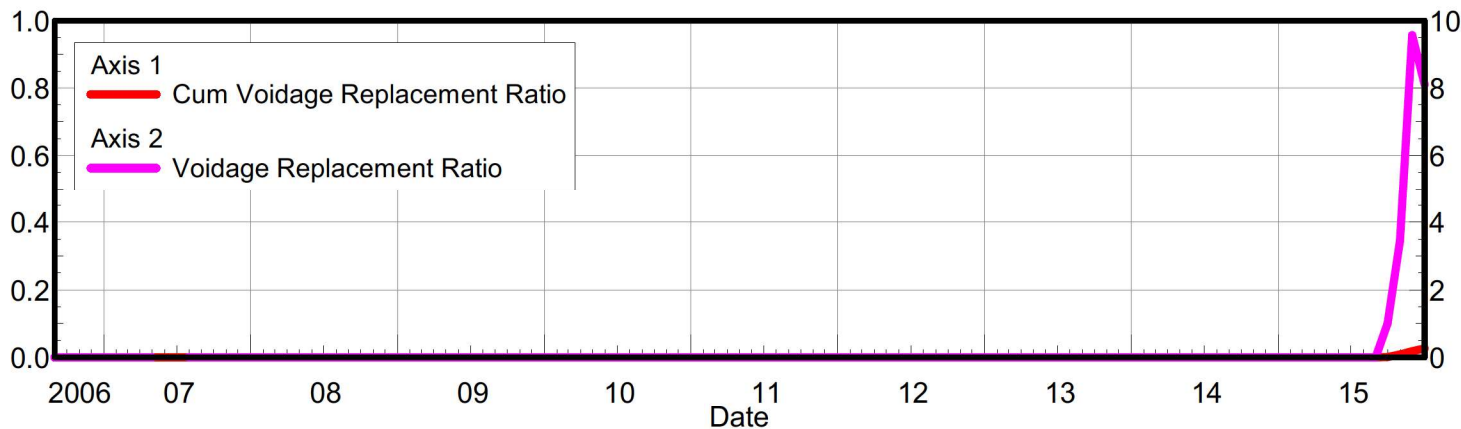
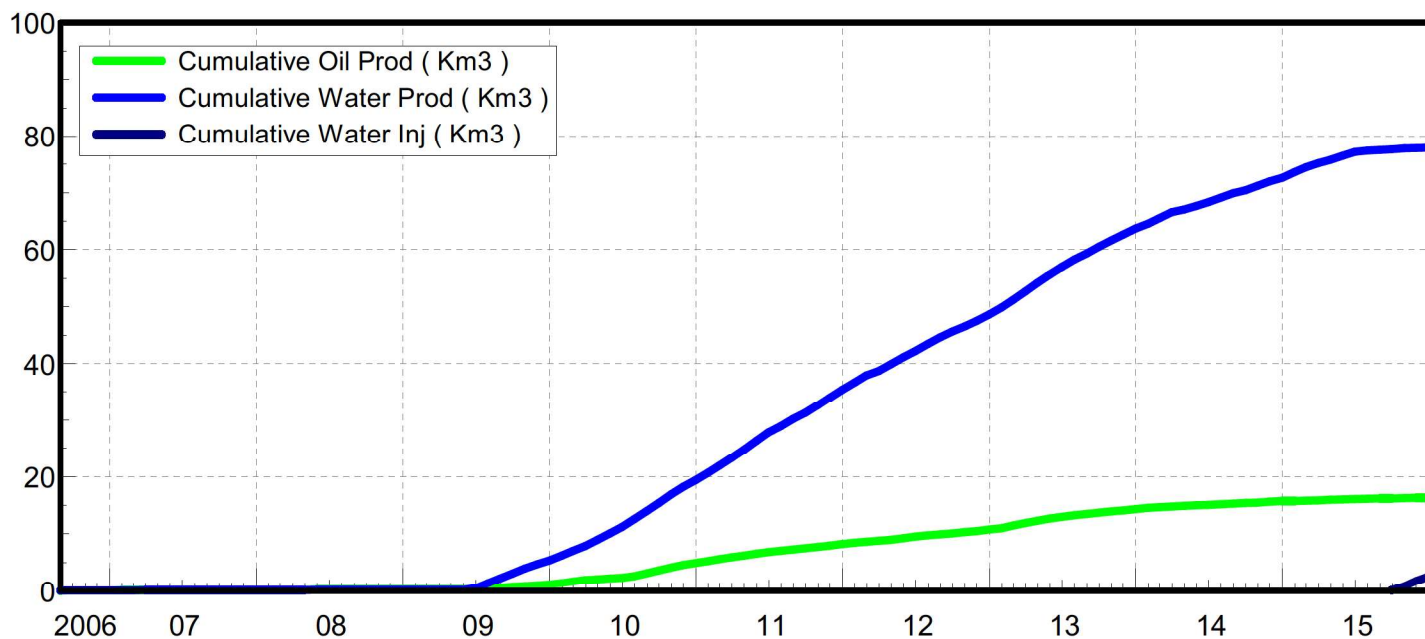
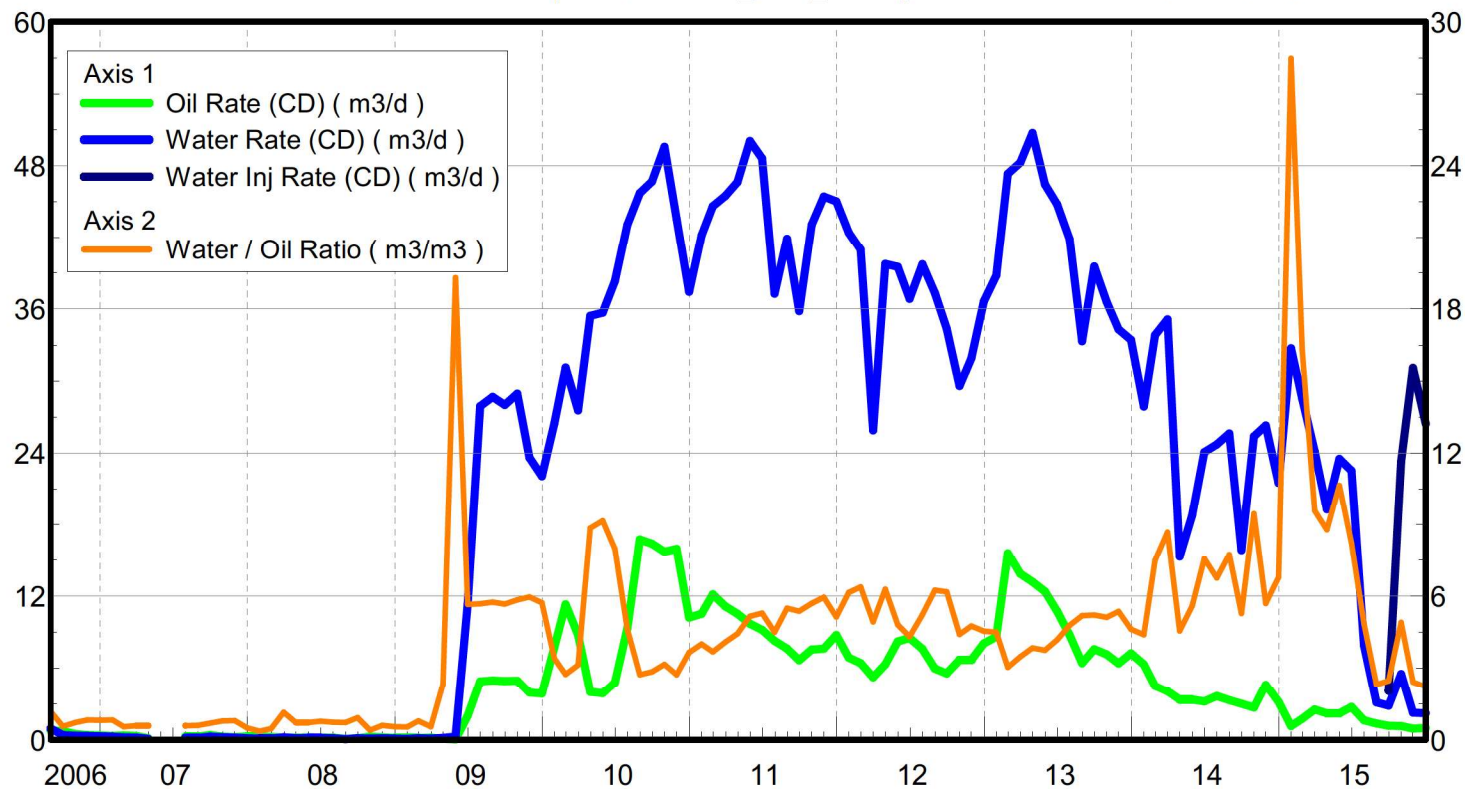
Oil Formation Vol Factor : 1.00150 m3/m3
 Water Formation Vol Factor : 1.00150 m3/m3
 Water / Oil Ratio : 1.49 m3/m3
 Pattern : 00/09-16-008-28
 Inj Set: Sinclair
 Unit#12
 June 17, 2016
 Operator: Tundra_O&G_Prtshp
 Oil Rate (CD) : 1.84 m3/d
 Water Rate (CD) : 2.74 m3/d
 Water Inj Rate (CD) : * m3/d

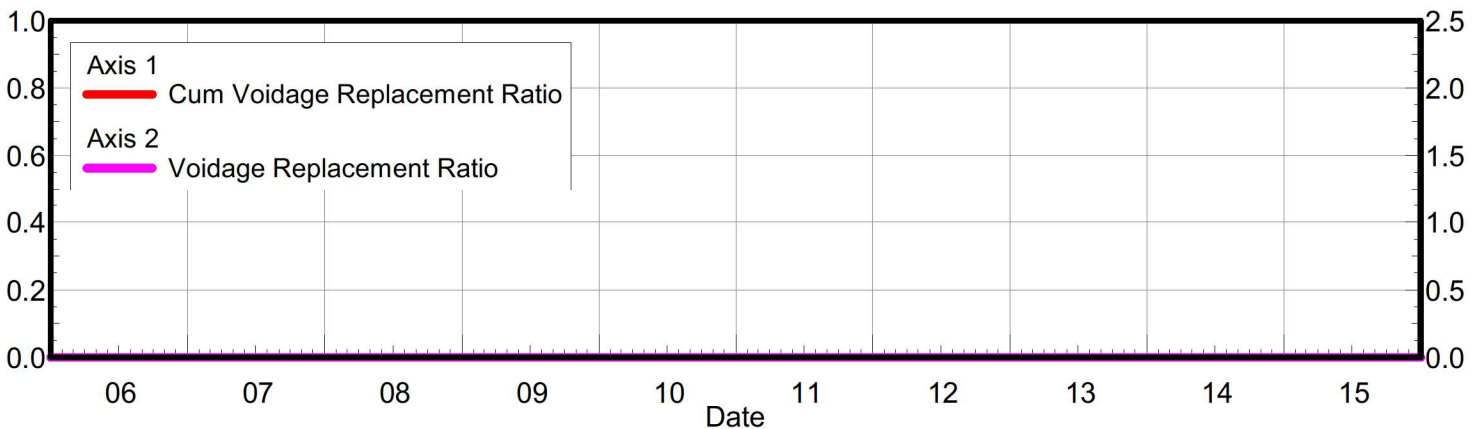
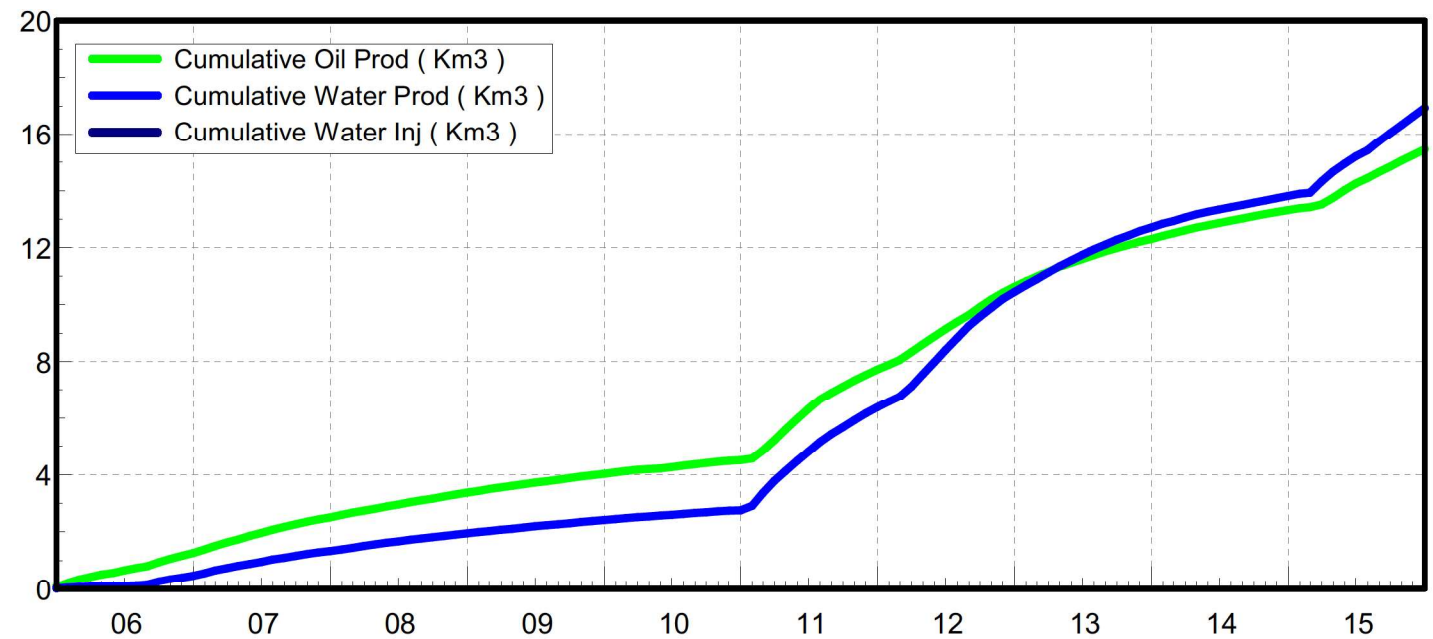
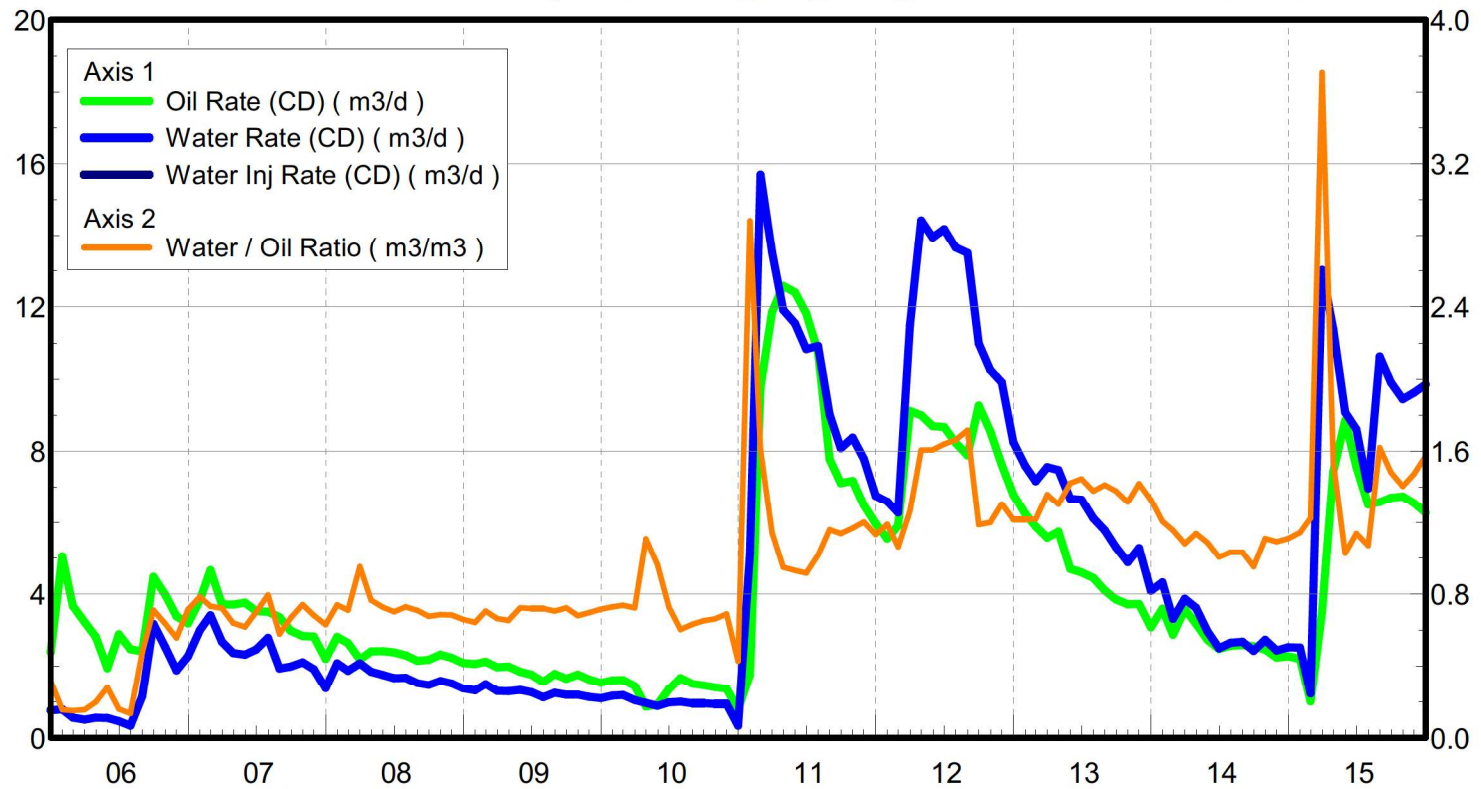


Oil Formation Vol Factor : 1.00150 m³/m³ Pattern: 00/12-17-008-28Inj Set: SinclairUnit#12 Oil Rate (CD) : 3.21 m³/d
 Water Formation Vol Factor : 1.00150 m³/m³ June 17, 2016 Water Rate (CD) : 3.89 m³/d
 Water / Oil Ratio : 1.21 m³/m³ Operator: Tundra_O&G_Prtshp Water Inj Rate (CD) : * m³/d



Oil Formation Vol Factor : 1.00150 m3/m3
Water Formation Vol Factor : 1.00150 m3/m3
Water / Oil Ratio : 10.87 m3/m3
Pattern : 00/04-18-008-28
Inj Set: Sinclair
Unit#12
Oil Rate (CD) : 0.99 m3/d
Water Rate (CD) : 10.77 m3/d
Water Inj Rate (CD) : 23.45 m3/d
June 17, 2016
Operator: Tundra_O&G_Prtshp





Oil Formation Vol Factor : 1.31 m3/m3
Water Formation Vol Factor : 1.00150 m3/m3
Water / Oil Ratio : 1.10 m3/m3
Pattern : 03/09-13-008-29
Inj Set: Sinclair Unit#12
June 17, 2016
Operator: Tundra_O&G_Prtshp
Oil Rate (CD) : 4.75 m3/d
Water Rate (CD) : 5.22 m3/d
Water Inj Rate (CD) : * m3/d

