

**EWART UNIT NO. 9
WATERFLOOD EOR PROJECT

ANNUAL REPORT FOR 2017**

June 25, 2018

Tundra Oil and Gas

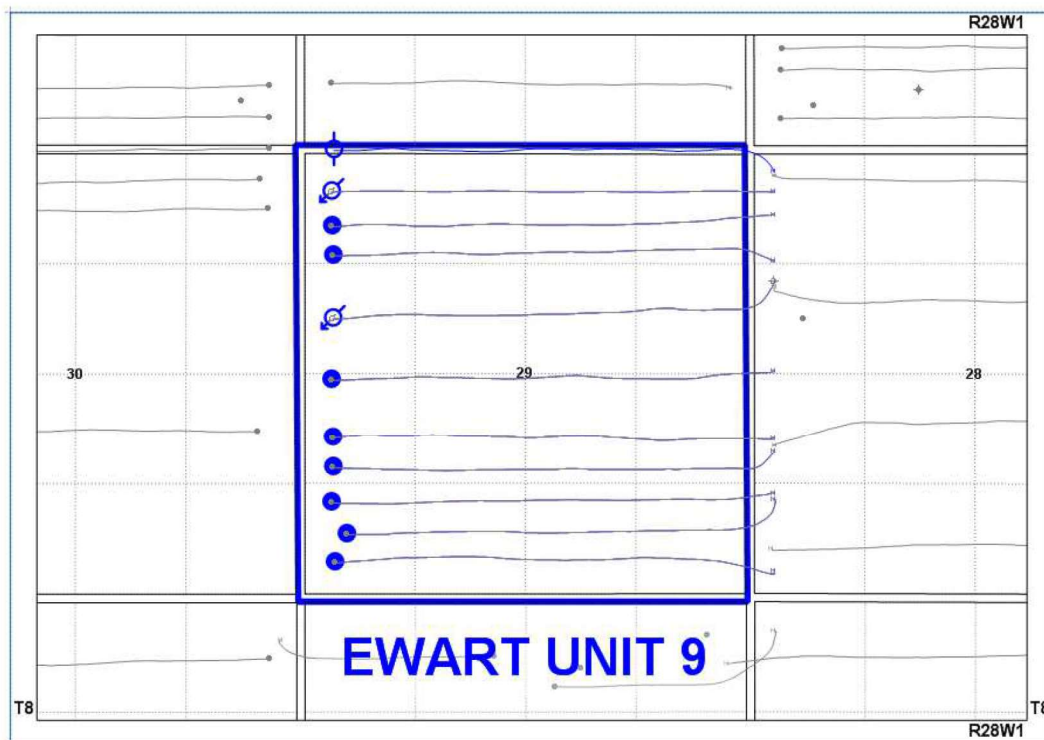
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INTRODUCTION

Ewart Unit No. 9 Enhanced Oil Recovery (EOR) Waterflood Project was approved effective September 1st, 2015 with Tundra Oil and Gas as Operator. The EOR project area, outlined in blue in Figure 1, contains 7 horizontal producing wells, 2 horizontal injectors and 1 horizontal well waiting to be completed in 16 LSDs in Township 8, Range 28W1. Well list and well status is available in Appendix A.

Figure 1: Ewart Unit No. 9 Area Outline



In accordance with Section 73 of the Manitoba Drilling and Production Regulation, Tundra submits the following 2017 Annual Progress Report for Ewart Unit No. 9.

DISCUSSION

Production History

For the wells included in Ewart Unit No. 9, production started in November 2011 with the 02/13-29-008-28W1/00 horizontal well. Oil production peaked at 63.3 m³/d in July 2014. In December 2017, the Unit was producing 39.76 m³/d of oil and 21.41 m³/d of water and had an average WOR of 0.30 m³/m³ in 2017. Water injection commenced in Ewart Unit No. 9 in March 2016. The rates and WOR are presented in Figure 2.

Figure 2: Ewart Unit No. 9 Production/Injection Rates and WOR vs. Time

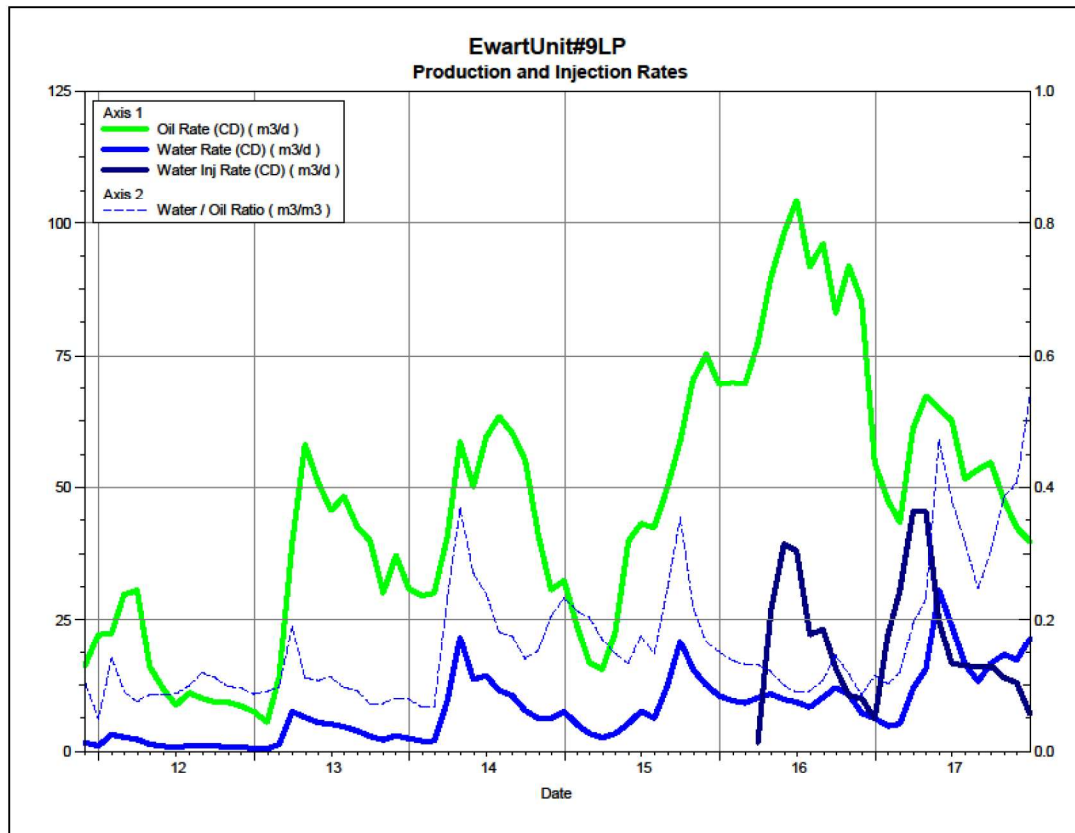
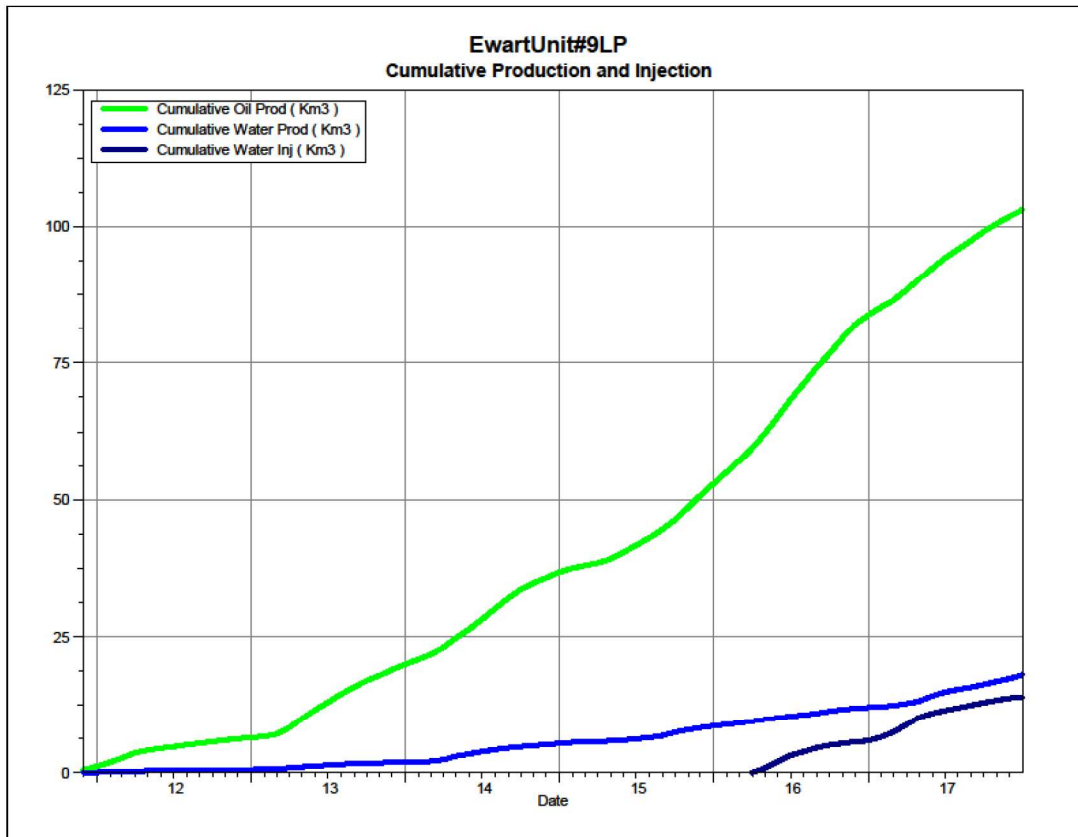


Figure 3 shows the cumulative production for Ewart Unit No. 9 to the end of December 2017 as 103.09 e³m³ of oil and 18.04 e³m³ of water, representing a 3.7% recovery factor of the OOIP (2797 e³m³). The cumulative water injected is 13.99 e³m³.

Figure 3: Ewart Unit No. 9 Cumulative Oil, Water and Water Injected vs. Time



Waterflood History

Ewart Unit No. 9 is still in the development phase at the end of 2017. Three (3) of the existing producing horizontal wells will be converted to horizontal injection wells, completing 200m horizontal to horizontal waterflood patterns within Ewart Unit No. 9. Since the proposed horizontal injection wells have already been on production for a period of time there will not be a need for an additional pre-production period within this unit. In January 2017, the 02/13-29-008-28W1/0 producer was converted to injection. Tundra anticipates converting the 03/04-29-008-28W1 producer to an injector in 2018. All of the horizontal wells are fracture stimulated to improve the injection rates.

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 Ewart Unit No. 9 will be sourced from the 02/14-30-007-28W1 well (Mannville formation). The water is treated at the 04-01-008-29W1 filtration plant where it is filtered to 0.1 microns and has scale inhibitor and biocide added. The injection water is then distributed to the injectors through the dedicated infrastructure system.

Injection Wellhead Pressures

Injection started in this Ewart Unit No. 9 in March 2016. The average monthly wellhead injection pressure for each injector is summarized in Appendix D. Since injection in this Unit is still in the early stages, the injectors are still building up to a target injection pressure of 6300 kPaa.

Reservoir Pressure

Where practical, Tundra is committed to collecting pressure data from newly drilled injection wells. For Ewart Unit No. 9, pressure data is currently available for the 02/13-29, 03/13-29 and 04/13-29-008-28W1 Lodgepole locations (Appendix C).

Well Servicing

Table 1 lists the maintenance that was required in Ewart Unit No. 9 in 2017.

Table 1: Service and Maintenance in Ewart Unit No. 9

103.13-29-008-28W1.00	Pump Change	10/24/2017
104.05-29-008-28W1.00	Pump Change	03/11/2017
105.05-29-008-28W1.00	Pump Change/Lower PSN	11/30/2017

Waterflood Performance Discussion

At the end of 2017, Ewart Unit No. 9 had 2 injection patterns in place. Conversion of the horizontal wells to water injection wells began in March 2016, with the conversion of the 04/12-29-008-28W1/2 existing producer to an injector. Since water injection started in March 2016, there is no waterflood analysis that can be done at this time.

A summary table of the injector pattern(s) is presented in Appendix B. Plots of the production and injection data are presented in Appendix D for each of the injection pattern(s).

List of Appendices

Appendix A: Well List and Well Status

Appendix B: Injection Pattern Summary

Appendix C: Reservoir Pressure Tests

Appendix D: Monthly Injection Pressures

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

03/05-29-008-28W1/0

04/12-29-008-28W1/0

04/13-29-008-28W1/0

Appendix A

UWI	Surface Location	Licence Number	Well Status
103/04-29-008-28W1/0	03/04-28-008-28W1/0	009136	Capable of OIL Prod
104/04-29-008-28W1/0	04/04-28-008-28W1/0	009683	Capable of OIL Prod
105/04-29-008-28W1/0	05/04-28-008-28W1/0	010587	Completing
103/05-29-008-28W1/0	03/05-28-008-28W1/0	009135	Capable of OIL Prod
104/05-29-008-28W1/0	04/12-28-008-28W1/0	009673	Capable of OIL Prod
105/05-29-008-28W1/0	05/05-28-008-28W1/0	010586	Capable of OIL Prod
104/12-29-008-28W1/2	04/12-28-008-28W1/2	009169	Water Injector
102/13-29-008-28W1/0	02/13-28-008-28W1/0	008217	Water Injector
103/13-29-008-28W1/0	03/13-28-008-28W1/0	009676	Capable of OIL Prod
104/13-29-008-28W1/0	04/13-28-008-28W1/0	010320	Capable of OIL Prod

Appendix B

Ewart Unit No. 9 Pattern Summary as of December 2017

Pattern Name	Injector Location (008-28W1)	Surface Location (008-28W1)	Status	No. of Supported Wells	Supported Wells (008-28W1)	Allocation Factor	Pattern Prod Start Month	Inj Start Month	Oil Rate (m ³ /d)	Water Rate (m ³ /d)	WOR (m ³ /m ³)	Water Injection (m ³ /d)	Cum Oil (E ³ m ³)	Cum Water (E ³ m ³)	Cum Inj Water (E ³ m ³)	Monthly VRR	Cum VRR
04/12-29-008-28Inj	04/12-29	04/12-28	Wtr Injection	2	04/05-29, 03/13-29	0.5	Feb 2013	Mar 2016	7.61	0.45	0.06	5.60	22.6	2.8	8.5	0.663	0.322
02/13-29-008-28Inj	02/13-29	04/13-28	Wtr Injection	1	04/13-29	1	Nov 2011	Jan 2017	5.29	14.10	2.67	1.46	27.2	8.0	5.5	0.074	0.150

APPENDIX C

Ewart Unit No. 9 - Pressure Summary

Location	Test Date	Final Pressure (kPaa)	MPP (mTVD)	KB	Temp (C)
105/04-29-008-28W1/00	January 16-28, 2017	3241.5	788.3	500.5	29.99
105/05-29-008-28W1/00	January 10-27, 2017	6250.8	795.7	499.6	30.11
102/13-29-008-28W1/00	August 4-17, 2016	592.6	780.5	501.6	29.44
103/13-29-008-28W1/00	Dec 20, 2013 - Jan 13, 2014	5547.3	776.7	499.6	31.74
104/13-29-008-28W1/00	March 12 - June 12, 2015	4531.8	781.8	500.9	28.60



Company Name	TUNDRA OIL & GAS PARTNERSHIP
Well Name	TUNDRA EWART No. 9 HZNTL D4-29-8-28
Unique Well ID	105/04-29-008-28W1/00
Well License Number	10587
Formation	LODGEPOLE
Test Type	RESERVOIR PRESSURE SURVEY
Start Test Date	2017/01/16
Final Test Date	2017/01/28

Prepared By DOLLCO Well Data Services

Pressure Survey Report

Company Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Contact	CHRIS [REDACTED]
e-mail	chris.perkins@tundraoilandgas.com
Phone	(204) 851-2146
Site Contact	DAN [REDACTED]
Site Phone	(204) 851-1062

Well Information

Well Name	TUNDRA EWART No. 9 HZNTL D4-29-8-28
Unique Well ID	105/04-29-008-28W1/00
Surface Location	(4-28) 4-29-8-28W1
Well License Number	10587
Well Type	Horizontal
Well Fluid Type	01 Oil
Field	DALY
KB Elevation (SL)	500.47 m
CF Elevation (SL)	495.65 m
GL Elevation (SL)	496.37 m
Distance from KB to CF (Log)	4.82 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	114.3 mm
Casing Depth(Log KB)	2290.50 m
Casing Depth(TVD KB)	786.15 m
PBTD(Log KB)	2308.50 m
PBTD(TVD KB)	786.12 m

Pressure Survey Report

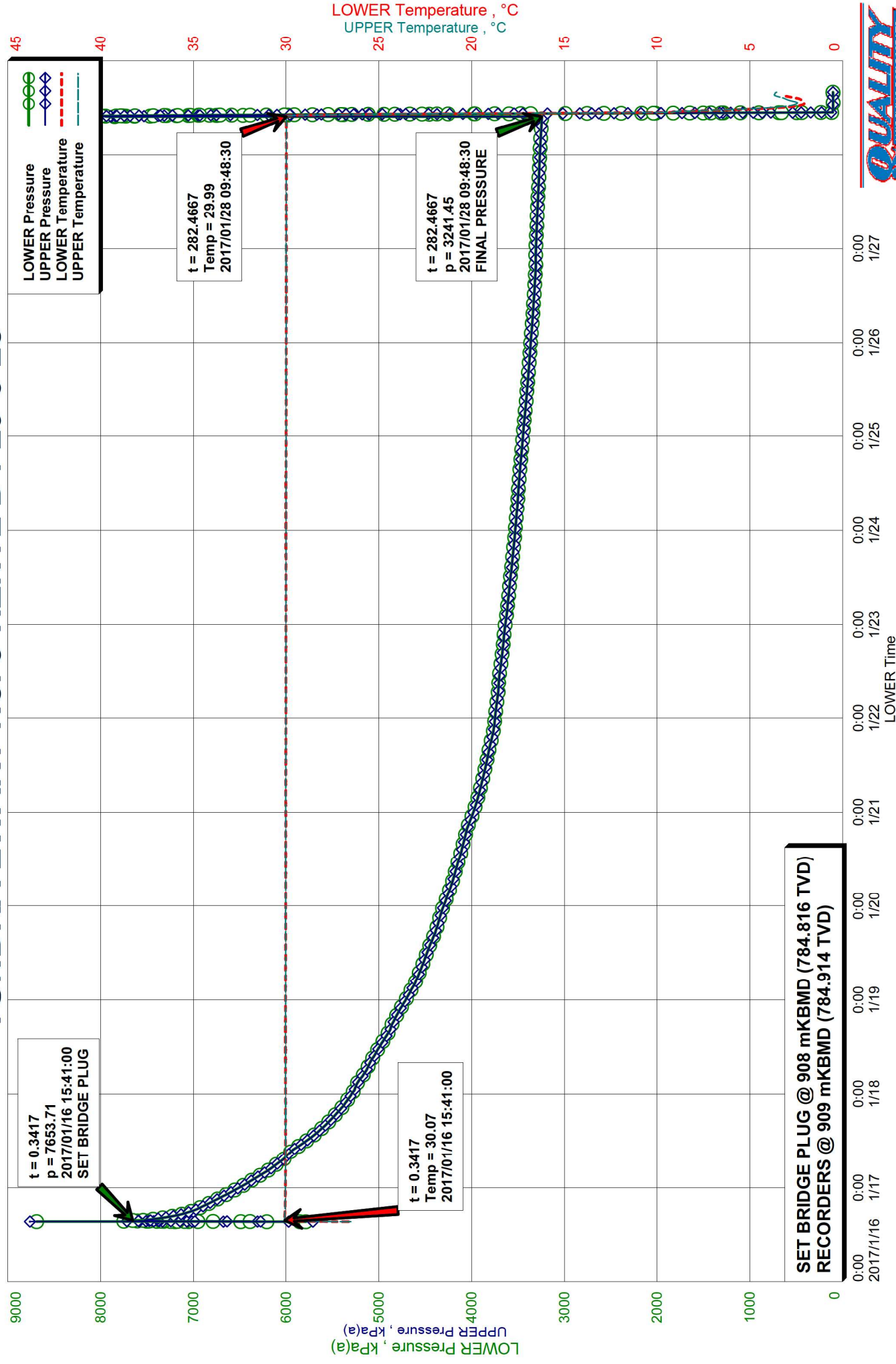
Test Information

Well Name	TUNDRA EWART No. 9 HZNTL D4-29-8-28
Unique Well ID	105/04-29-008-28W1/00
Surface Location	(4-28) 4-29-8-28W1
Well License	10587
Well Fluid Type	01 Oil
Test Purpose	Other
Test Type	RESERVOIR PRESSURE SURVEY
Formation	LODGEPOLE
Well Type Indicator	Horizontal
Test/Prod. Interval Top KB (Log)	1475.82 m
Test/Prod. Interval Base KB (Log)	1475.82 m
MPP(Log KB)	1475.82 m
Test/Prod. Interval Top m KB (TVD)	788.27 m
Test/Prod. Interval Base m KB (TVD)	788.27 m
MPP(TVD KB)	788.27 m
Tubing Pressure Initial	kPa(a)
Casing Pressure Initial	93.00 kPa(a)
Tubing Pressure: Final	kPa(a)
Casing Pressure: Final	93.00 kPa(a)
Final Test Date/Time	2017/01/28 09:48:30
Time/Date Well Shut-In	2017/01/16 15:41:00
Gauge Serial Number	V74
Run Depth (TVD KB)	784.914 m
Last Measured Pressure at Run Depth	3241.45 kPa(a)
Reservoir Temperature	29.99 °C
Service Company	Quality Wireline Services Ltd.
Representative	BART [REDACTED]
Prepared By	DOLLCO Well Data Services
Qualified By	RICK [REDACTED]
Report Date	2017/01/31

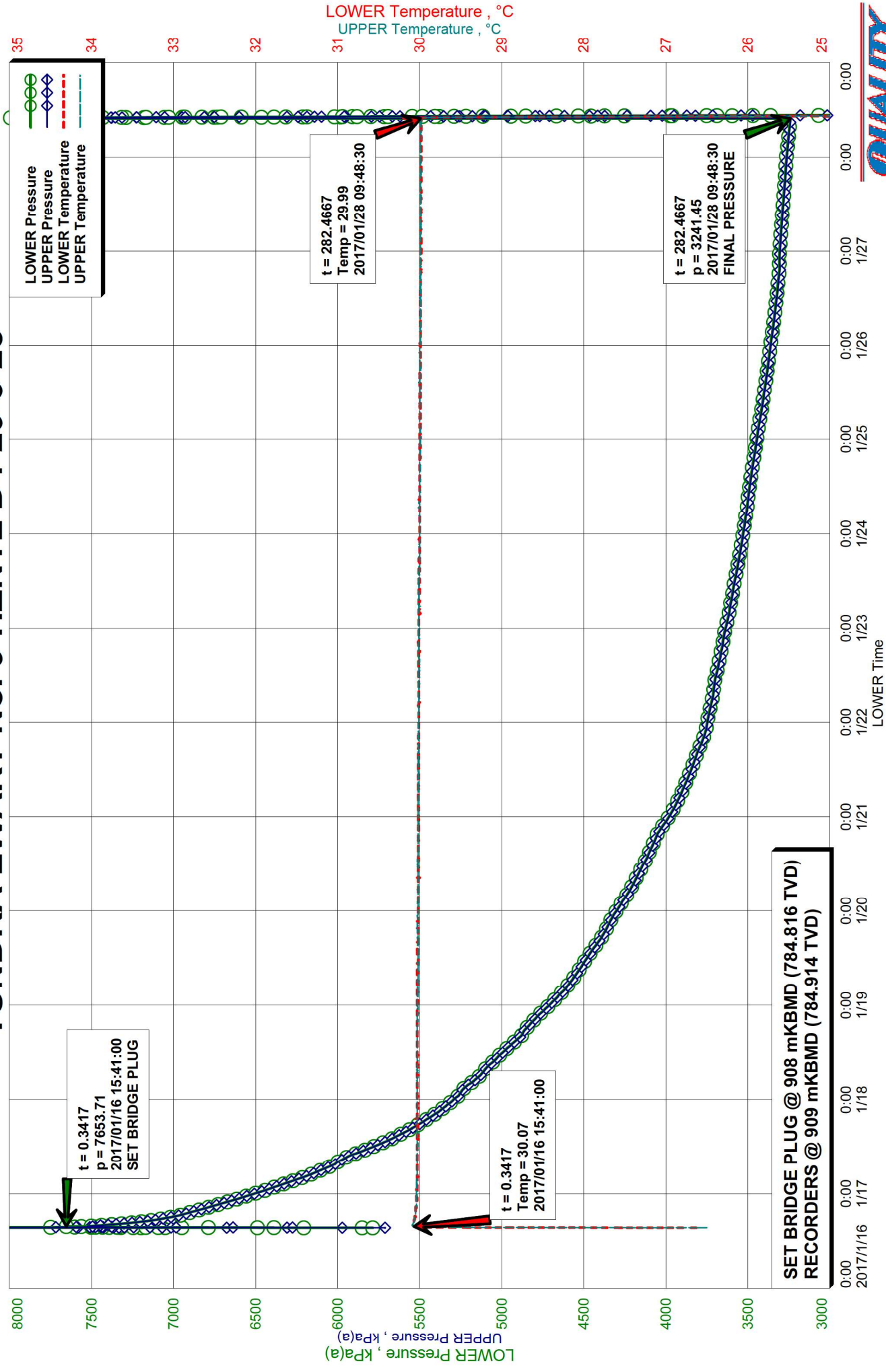
RECORDERS SET @ 909 mKBMD (784.914 TVD)
RUN BELOW BRIDGE PLUG @ 908 mKBMD (784.816 TVD)
FRAC PORT: 1475.82 mKBMD (788.274 TVD)



TUNDRA EWART No. 9 HZNTL D4-29-8-28



TUNDRA EWART No. 9 HZNTL D4-29-8-28



Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	105/04-29-008-28W1/00
Well Name	TUNDRA EWART No. 9 HZNTL D4-29-8-28
Formation	LODGEPOLE
Start Test Date	2017/01/16
Final Test Date	2017/01/28

Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	V74	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	909.00 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2016/02/12	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2017/01/16	Gauge Start Time	15:20:30
Gauge Stop Date	2017/01/28	Gauge Stop Time	16:00:00
Date Gauge On Bottom	2017/01/16	Time Gauge On Bottom	15:32:00
Date Gauge Off Bottom	2017/01/28	Time Gauge Off Bottom	09:48:30

Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	V7E	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	909.00 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2016/02/12	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2017/01/16	Gauge Start Time	15:20:30
Gauge Stop Date	2017/01/28	Gauge Stop Time	16:00:00
Date Gauge On Bottom	2017/01/16	Time Gauge On Bottom	15:32:00
Date Gauge Off Bottom	2017/01/28	Time Gauge Off Bottom	09:48:30

TUNDRA OIL & GAS PARTNERSHIP
105/04-29-008-28W1/00
Start Test Date: 2017/01/16
Final Test Date: 2017/01/28

RESERVOIR PRESSURE SURVEY
RECORDERS @ 909 mKBMD (784.914 TVD)

TUNDRA EWART No. 9 HZNTL D4-29-8-28
Formation: LODGEPOLE

	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	2017/01/16	15:20:30	0.0000	5850.78	26.63	0.0000	5972.26	26.50	-121.48
2	2017/01/16	15:20:30	0.0000	RIH, ACTIVATE RECORDERS S/N: V74(L) & V7E(U)					
3	2017/01/16	15:21:00	0.0083	6206.36	26.73	0.0083	6676.70	26.61	-470.34
4	2017/01/16	15:32:00	0.1917	7602.33	30.02	0.1917	7593.45	30.00	8.88
5	2017/01/16	15:32:00	0.1917	RECORDERS ON DEPTH @ 909 mKBMD (784.914 TVD)					
6	2017/01/16	15:32:30	0.2000	7477.64	30.03	0.2000	7475.95	30.02	1.69
7	2017/01/16	15:41:00	0.3417	7653.71	30.07	0.3417	7493.98	30.07	159.73
8	2017/01/16	15:41:00	0.3417	SET BRIDGE PLUG @ 908 mKBMD (784.816 TVD)					
9	2017/01/16	15:41:30	0.3500	7562.32	30.07	0.3500	7516.69	30.07	45.63
10	2017/01/16	17:20:30	2.0000	7111.73	30.07	2.0000	7109.08	30.07	2.65
11	2017/01/16	19:20:30	4.0000	6891.20	30.05	4.0000	6889.46	30.05	1.74
12	2017/01/16	21:20:30	6.0000	6720.17	30.04	6.0000	6717.60	30.04	2.57
13	2017/01/16	23:20:30	8.0000	6558.86	30.04	8.0000	6556.96	30.04	1.90
14	2017/01/17	01:20:30	10.0000	6408.05	30.03	10.0000	6406.30	30.04	1.75
15	2017/01/17	03:20:30	12.0000	6268.82	30.03	12.0000	6267.03	30.03	1.79
16	2017/01/17	05:20:30	14.0000	6139.82	30.03	14.0000	6137.77	30.03	2.05
17	2017/01/17	07:20:30	16.0000	6027.76	30.03	16.0000	6025.99	30.03	1.77
18	2017/01/17	09:20:30	18.0000	5945.88	30.03	18.0000	5944.70	30.03	1.18
19	2017/01/17	11:20:30	20.0000	5824.40	30.03	20.0000	5822.61	30.03	1.79
20	2017/01/17	13:20:30	22.0000	5709.17	30.03	22.0000	5707.02	30.03	2.15
21	2017/01/17	15:20:30	24.0000	5611.47	30.03	24.0000	5609.64	30.03	1.83
22	2017/01/17	17:20:30	26.0000	5523.44	30.02	26.0000	5522.10	30.03	1.34
23	2017/01/17	19:20:30	28.0000	5444.98	30.03	28.0000	5443.24	30.03	1.74
24	2017/01/17	21:20:30	30.0000	5372.85	30.03	30.0000	5370.94	30.03	1.91
25	2017/01/17	23:20:30	32.0000	5311.48	30.03	32.0000	5309.72	30.03	1.76
26	2017/01/18	01:20:30	34.0000	5258.85	30.03	34.0000	5256.47	30.03	2.38
27	2017/01/18	03:20:30	36.0000	5217.66	30.03	36.0000	5215.51	30.02	2.15
28	2017/01/18	05:20:30	38.0000	5155.10	30.03	38.0000	5153.70	30.03	1.40
29	2017/01/18	07:20:30	40.0000	5109.25	30.03	40.0000	5106.84	30.03	2.41
30	2017/01/18	09:20:30	42.0000	5061.78	30.03	42.0000	5060.38	30.03	1.40
31	2017/01/18	11:20:30	44.0000	5012.94	30.03	44.0000	5011.29	30.03	1.65
32	2017/01/18	13:20:30	46.0000	4959.61	30.03	46.0000	4957.71	30.03	1.90
33	2017/01/18	15:20:30	48.0000	4905.60	30.03	48.0000	4904.03	30.03	1.57
34	2017/01/18	17:20:30	50.0000	4866.49	30.03	50.0000	4865.08	30.03	1.41
35	2017/01/18	19:20:30	52.0000	4825.03	30.03	52.0000	4822.29	30.02	2.74
36	2017/01/18	21:20:30	54.0000	4778.61	30.03	54.0000	4776.72	30.03	1.89
37	2017/01/18	23:20:30	56.0000	4727.59	30.03	56.0000	4726.24	30.02	1.35
38	2017/01/19	01:20:30	58.0000	4678.98	30.03	58.0000	4677.09	30.03	1.89
39	2017/01/19	03:20:30	60.0000	4632.57	30.02	60.0000	4630.63	30.02	1.94
40	2017/01/19	05:20:30	62.0000	4593.35	30.03	62.0000	4590.50	30.02	2.85

LOWER Serial Number: V74 Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
UPPER Serial Number: V7E Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
105/04-29-008-28W1/00
Start Test Date: 2017/01/16
Final Test Date: 2017/01/28

RESERVOIR PRESSURE SURVEY
RECORDERS @ 909 mKBMD (784.914 TVD)

TUNDRA EWART No. 9 HZNTL D4-29-8-28
Formation: LODGEPOLE

	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	2017/01/19	07:20:30	64.0000	4557.68	30.03	64.0000	4555.72	30.02	1.96
42	2017/01/19	09:20:30	66.0000	4523.88	30.03	66.0000	4521.97	30.02	1.91
43	2017/01/19	11:20:30	68.0000	4492.78	30.02	68.0000	4491.72	30.02	1.06
44	2017/01/19	13:20:30	70.0000	4459.82	30.02	70.0000	4458.82	30.02	1.00
45	2017/01/19	15:20:30	72.0000	4425.60	30.03	72.0000	4422.82	30.02	2.78
46	2017/01/19	17:20:30	74.0000	4390.44	30.02	74.0000	4388.64	30.02	1.80
47	2017/01/19	19:20:30	76.0000	4363.32	30.02	76.0000	4361.56	30.03	1.76
48	2017/01/19	21:20:30	78.0000	4340.06	30.02	78.0000	4338.24	30.03	1.82
49	2017/01/19	23:20:30	80.0000	4311.83	30.02	80.0000	4309.96	30.02	1.87
50	2017/01/20	01:20:30	82.0000	4279.14	30.02	82.0000	4277.42	30.02	1.72
51	2017/01/20	03:20:30	84.0000	4249.03	30.02	84.0000	4247.16	30.02	1.87
52	2017/01/20	05:20:30	86.0000	4218.09	30.02	86.0000	4216.09	30.03	2.00
53	2017/01/20	07:20:30	88.0000	4192.35	30.02	88.0000	4190.42	30.02	1.93
54	2017/01/20	09:20:30	90.0000	4168.06	30.02	90.0000	4166.16	30.02	1.90
55	2017/01/20	11:20:30	92.0000	4144.49	30.02	92.0000	4142.42	30.02	2.07
56	2017/01/20	13:20:30	94.0000	4117.68	30.02	94.0000	4115.90	30.02	1.78
57	2017/01/20	15:20:30	96.0000	4097.12	30.02	96.0000	4095.55	30.02	1.57
58	2017/01/20	17:20:30	98.0000	4076.41	30.02	98.0000	4073.58	30.02	2.83
59	2017/01/20	19:20:30	100.0000	4054.33	30.02	100.0000	4052.39	30.02	1.94
60	2017/01/20	21:20:30	102.0000	4024.83	30.01	102.0000	4023.64	30.02	1.19
61	2017/01/20	23:20:30	104.0000	3991.72	30.02	104.0000	3989.20	30.02	2.52
62	2017/01/21	01:20:30	106.0000	3961.93	30.02	106.0000	3961.16	30.02	0.77
63	2017/01/21	03:20:30	108.0000	3936.39	30.02	108.0000	3935.03	30.02	1.36
64	2017/01/21	05:20:30	110.0000	3913.60	30.02	110.0000	3911.84	30.02	1.76
65	2017/01/21	07:20:30	112.0000	3892.16	30.02	112.0000	3889.21	30.02	2.95
66	2017/01/21	09:20:30	114.0000	3871.47	30.02	114.0000	3869.59	30.01	1.88
67	2017/01/21	11:20:30	116.0000	3851.81	30.02	116.0000	3850.49	30.01	1.32
68	2017/01/21	13:20:30	118.0000	3833.65	30.01	118.0000	3831.95	30.01	1.70
69	2017/01/21	15:20:30	120.0000	3816.02	30.01	120.0000	3814.76	30.02	1.26
70	2017/01/21	17:20:30	122.0000	3797.28	30.02	122.0000	3796.08	30.01	1.20
71	2017/01/21	19:20:30	124.0000	3777.55	30.01	124.0000	3775.67	30.01	1.88
72	2017/01/21	21:20:30	126.0000	3760.89	30.01	126.0000	3759.06	30.01	1.83
73	2017/01/21	23:20:30	128.0000	3750.35	30.01	128.0000	3747.43	30.01	2.92
74	2017/01/22	01:20:30	130.0000	3741.94	30.01	130.0000	3738.63	30.01	3.31
75	2017/01/22	03:20:30	132.0000	3731.15	30.01	132.0000	3729.45	30.01	1.70
76	2017/01/22	05:20:30	134.0000	3720.38	30.01	134.0000	3718.79	30.01	1.59
77	2017/01/22	07:20:30	136.0000	3710.73	30.01	136.0000	3708.69	30.01	2.04
78	2017/01/22	09:20:30	138.0000	3705.72	30.01	138.0000	3703.19	30.01	2.53
79	2017/01/22	11:20:30	140.0000	3698.98	30.01	140.0000	3697.15	30.01	1.83
80	2017/01/22	13:20:30	142.0000	3686.52	30.01	142.0000	3684.32	30.00	2.20

LOWER Serial Number: V74 Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
UPPER Serial Number: V7E Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
105/04-29-008-28W1/00
Start Test Date: 2017/01/16
Final Test Date: 2017/01/28

RESERVOIR PRESSURE SURVEY
RECORDERS @ 909 mKBMD (784.914 TVD)

TUNDRA EWART No. 9 HZNTL D4-29-8-28
Formation: LODGEPOLE

	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	2017/01/22	15:20:30	144.0000	3676.85	30.01	144.0000	3675.09	30.01	1.76
82	2017/01/22	17:20:30	146.0000	3666.44	30.01	146.0000	3664.52	30.01	1.92
83	2017/01/22	19:20:30	148.0000	3656.03	30.01	148.0000	3654.37	30.01	1.66
84	2017/01/22	21:20:30	150.0000	3649.96	30.01	150.0000	3647.90	30.01	2.06
85	2017/01/22	23:20:30	152.0000	3640.41	30.01	152.0000	3637.94	30.01	2.47
86	2017/01/23	01:20:30	154.0000	3628.45	30.01	154.0000	3626.63	30.01	1.82
87	2017/01/23	03:20:30	156.0000	3617.27	30.01	156.0000	3615.63	30.01	1.64
88	2017/01/23	05:20:30	158.0000	3609.80	30.01	158.0000	3607.72	30.01	2.08
89	2017/01/23	07:20:30	160.0000	3600.59	30.01	160.0000	3598.70	30.01	1.89
90	2017/01/23	09:20:30	162.0000	3592.16	30.00	162.0000	3590.01	30.01	2.15
91	2017/01/23	11:20:30	164.0000	3584.40	30.01	164.0000	3582.56	30.01	1.84
92	2017/01/23	13:20:30	166.0000	3574.06	30.01	166.0000	3572.67	30.00	1.39
93	2017/01/23	15:20:30	168.0000	3564.93	30.00	168.0000	3562.70	30.00	2.23
94	2017/01/23	17:20:30	170.0000	3556.12	30.01	170.0000	3554.27	30.00	1.85
95	2017/01/23	19:20:30	172.0000	3547.88	30.00	172.0000	3545.43	30.00	2.45
96	2017/01/23	21:20:30	174.0000	3539.01	30.00	174.0000	3537.53	30.01	1.48
97	2017/01/23	23:20:30	176.0000	3532.03	30.00	176.0000	3529.98	30.00	2.05
98	2017/01/24	01:20:30	178.0000	3524.33	30.00	178.0000	3522.20	30.00	2.13
99	2017/01/24	03:20:30	180.0000	3517.78	30.00	180.0000	3514.52	30.00	3.26
100	2017/01/24	05:20:30	182.0000	3509.74	30.00	182.0000	3507.21	30.00	2.53
101	2017/01/24	07:20:30	184.0000	3503.35	30.00	184.0000	3501.37	30.00	1.98
102	2017/01/24	09:20:30	186.0000	3498.23	30.00	186.0000	3495.91	30.00	2.32
103	2017/01/24	11:20:30	188.0000	3492.21	30.00	188.0000	3490.18	30.00	2.03
104	2017/01/24	13:20:30	190.0000	3485.66	30.00	190.0000	3483.44	30.00	2.22
105	2017/01/24	15:20:30	192.0000	3478.41	30.00	192.0000	3476.31	30.00	2.10
106	2017/01/24	17:20:30	194.0000	3472.03	30.00	194.0000	3469.15	29.99	2.88
107	2017/01/24	19:20:30	196.0000	3463.24	30.00	196.0000	3461.09	30.00	2.15
108	2017/01/24	21:20:30	198.0000	3455.65	30.00	198.0000	3453.52	30.00	2.13
109	2017/01/24	23:20:30	200.0000	3447.46	30.00	200.0000	3445.94	29.99	1.52
110	2017/01/25	01:20:30	202.0000	3441.50	29.99	202.0000	3439.37	30.00	2.13
111	2017/01/25	03:20:30	204.0000	3434.18	30.00	204.0000	3432.11	30.00	2.07
112	2017/01/25	05:20:30	206.0000	3426.10	30.00	206.0000	3424.27	30.00	1.83
113	2017/01/25	07:20:30	208.0000	3417.81	29.99	208.0000	3415.76	30.00	2.05
114	2017/01/25	09:20:30	210.0000	3409.70	29.99	210.0000	3408.59	30.00	1.11
115	2017/01/25	11:20:30	212.0000	3403.67	29.99	212.0000	3400.75	30.00	2.92
116	2017/01/25	13:20:30	214.0000	3396.44	29.99	214.0000	3394.48	30.00	1.96
117	2017/01/25	15:20:30	216.0000	3389.70	30.00	216.0000	3387.65	30.00	2.05
118	2017/01/25	17:20:30	218.0000	3382.82	30.00	218.0000	3381.07	30.00	1.75
119	2017/01/25	19:20:30	220.0000	3376.65	29.99	220.0000	3374.58	30.00	2.07
120	2017/01/25	21:20:30	222.0000	3371.29	29.99	222.0000	3369.40	30.00	1.89

LOWER Serial Number: V74 Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
UPPER Serial Number: V7E Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
105/04-29-008-28W1/00
Start Test Date: 2017/01/16
Final Test Date: 2017/01/28

RESERVOIR PRESSURE SURVEY
RECORDERS @ 909 mKBMD (784.914 TVD)

TUNDRA EWART No. 9 HZNTL D4-29-8-28
Formation: LODGEPOLE

	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	2017/01/25	23:20:30	224.0000	3364.27	29.99	224.0000	3362.39	30.00	1.88
122	2017/01/26	01:20:30	226.0000	3358.59	29.99	226.0000	3356.64	29.99	1.95
123	2017/01/26	03:20:30	228.0000	3350.74	29.99	228.0000	3349.09	29.99	1.65
124	2017/01/26	05:20:30	230.0000	3344.46	29.99	230.0000	3342.27	29.99	2.19
125	2017/01/26	07:20:30	232.0000	3338.06	29.99	232.0000	3336.30	29.99	1.76
126	2017/01/26	09:20:30	234.0000	3333.20	29.99	234.0000	3331.09	29.99	2.11
127	2017/01/26	11:20:30	236.0000	3327.94	29.99	236.0000	3326.25	29.99	1.69
128	2017/01/26	13:20:30	238.0000	3321.62	29.99	238.0000	3319.44	29.99	2.18
129	2017/01/26	15:20:30	240.0000	3317.80	29.99	240.0000	3315.47	29.99	2.33
130	2017/01/26	17:20:30	242.0000	3312.65	29.99	242.0000	3310.69	29.99	1.96
131	2017/01/26	19:20:30	244.0000	3307.18	29.99	244.0000	3306.21	29.99	0.97
132	2017/01/26	21:20:30	246.0000	3308.21	29.99	246.0000	3306.04	29.99	2.17
133	2017/01/26	23:20:30	248.0000	3307.02	29.98	248.0000	3304.88	29.99	2.14
134	2017/01/27	01:20:30	250.0000	3304.26	29.98	250.0000	3301.67	29.99	2.59
135	2017/01/27	03:20:30	252.0000	3300.79	29.99	252.0000	3298.72	29.99	2.07
136	2017/01/27	05:20:30	254.0000	3297.92	29.99	254.0000	3295.57	29.99	2.35
137	2017/01/27	07:20:30	256.0000	3293.94	29.99	256.0000	3293.02	29.99	0.92
138	2017/01/27	09:20:30	258.0000	3290.67	29.98	258.0000	3288.46	29.99	2.21
139	2017/01/27	11:20:30	260.0000	3286.92	29.99	260.0000	3284.91	29.99	2.01
140	2017/01/27	13:20:30	262.0000	3283.03	29.98	262.0000	3280.71	29.98	2.32
141	2017/01/27	15:20:30	264.0000	3279.11	29.98	264.0000	3277.09	29.99	2.02
142	2017/01/27	17:20:30	266.0000	3275.75	29.99	266.0000	3274.21	29.99	1.54
143	2017/01/27	19:20:30	268.0000	3271.66	29.99	268.0000	3269.94	29.99	1.72
144	2017/01/27	21:20:30	270.0000	3268.93	29.99	270.0000	3266.91	29.99	2.02
145	2017/01/27	23:20:30	272.0000	3265.73	29.98	272.0000	3262.84	29.99	2.89
146	2017/01/28	01:20:30	274.0000	3260.18	29.98	274.0000	3258.92	29.99	1.26
147	2017/01/28	03:20:30	276.0000	3256.60	29.99	276.0000	3254.13	29.99	2.47
148	2017/01/28	05:20:30	278.0000	3252.20	29.99	278.0000	3250.03	29.98	2.17
149	2017/01/28	07:20:30	280.0000	3247.17	29.98	280.0000	3244.75	29.98	2.42
150	2017/01/28	09:20:30	282.0000	3242.42	29.98	282.0000	3240.28	29.98	2.14
151	2017/01/28	09:48:30	282.4667	3241.45	29.99	282.4667	3238.88	29.98	2.57
152	2017/01/28	09:48:30	282.4667	FINAL PRESSURE, PREPARE TO UNSET BRIDGE PLUG					
153	2017/01/28	09:49:00	282.4750	7849.06	30.08	282.4750	7887.44	30.10	-38.38
154	2017/01/28	09:50:00	282.4917	7885.38	30.20	282.4917	8010.07	30.18	-124.69
155	2017/01/28	09:50:00	282.4917	BRIDGE PLUG IS UNSET					
156	2017/01/28	09:50:30	282.5000	7937.52	30.19	282.5000	7936.35	30.16	1.17
157	2017/01/28	10:00:30	282.6667	7771.74	29.97	282.6667	7742.00	29.98	29.74
158	2017/01/28	10:00:30	282.6667	PULL TOOLS OUT OF HOLE WITH TUBING					
159	2017/01/28	10:01:00	282.6750	7629.85	29.95	282.6750	7757.25	29.95	-127.40
160	2017/01/28	10:55:00	283.5750	103.83	9.20	283.5750	105.01	9.16	-1.18

LOWER Serial Number: V74 Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
UPPER Serial Number: V7E Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
105/04-29-008-28W1/00
Start Test Date: 2017/01/16
Final Test Date: 2017/01/28

TUNDRA EWART No. 9 HZNTL D4-29-8-28
Formation: LODGEPOLE
RESERVOIR PRESSURE SURVEY
RECORDERS @ 909 mKBMD (784.914 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	2017/01/28	10:55:00	283.5750	RECORDERS AT SURFACE					
162	2017/01/28	10:55:30	283.5833	103.82	9.19	283.5833	104.59	9.15	-0.77
163	2017/01/28	11:20:30	284.0000	104.20	7.37	284.0000	104.18	7.68	0.02
164	2017/01/28	13:20:30	286.0000	100.23	2.05	286.0000	102.04	2.44	-1.81
165	2017/01/28	15:20:30	288.0000	101.31	3.19	288.0000	102.84	3.67	-1.53
166	2017/01/28	16:00:00	288.6583	102.39	3.10	288.6583	102.27	3.55	0.12

LOWER Serial Number: V74 Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
UPPER Serial Number: V7E Start Date: 2017/01/16 15:20:30 Run Depth: 909.00
Print Filter: Print every 2 hour



DATE: Jan.29, 2017	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Tundra Daly Hz.	ADDRESS: Virden
LOCATION: (4-28)4-29-8-28W1	UWI:105.04-29-008-28W1.00
FIELD: Daly	FORMATION: Lodgepole
CO HQ REP: Chris [REDACTED]	PHONE: 204-851-2146
FIELD REP: Dan [REDACTED]	PHONE: 204-851-1062

REPORTS TO (NAME & EMAIL ADDRESS):

Brett [REDACTED] brett.howell@tundraoilandgas.com
 Robert [REDACTED] - robert.prefontaine@tundraoilandgas.com
 Adam [REDACTED] - adam.berke@tundraoilandgas.com
 Shellanne [REDACTED] - shellanne.langlois@tundraoilandgas.com
 Allan [REDACTED] allan.bertram@tundraoilandgas.com
 Bill [REDACTED] - bill.jenkins@tundraoilandgas.com
 Chris [REDACTED] - chris.perkins@tundraoilandgas.com
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 Anh [REDACTED] - anh.hguyen@tundraoilandgas.com
 Justin [REDACTED] - justin.robertson@tundraoilandgas.com
 Andrew [REDACTED] - andrew.taylor@tundraoilandgas.com
 Tim [REDACTED] - tim.howell@tundraoilandgas.com
 Tyler [REDACTED] - tyler.routledge@tundraoilandgas.com
 Geoff [REDACTED] - geoff.puckett@tundraoilandgas.com

STATUS: Oil		TEST TYPE: Build up
ESTIMATED H2S CONTENT: N/A		ESTIMATED CO2 CONTENT: N/A
PRODUCING THROUGH: Tubing		SHUT IN TIME/DATE: 15:41 Jan.16/17
KOP: 546 mKB	TVD: included	LICENCE #: 10587
PBTD: 2308.5 mKB	TD: 2308.5 mKB	WELL TYPE: Horizontal
CASING SIZE: 114.3/139.7	CSG WEIGHT: 17.26/23.06kg/m	CSG DEPTH: 2290.5 mKB
TUBING SIZE: N/A	TBG WEIGHT: N/A	TBG DEPTH: N/A
Elevations KB: 499.5m	GRD: 496.37m	CF: 495.65 m

PRODUCING INTERVAL

TYPE: Frac Port	SIZE:	INTERVAL: 1475.82 mKB
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RECORDER INFORMATION

TOP S/N: V7E	FILE NAME: 4-28-4-29-8-28W1 T, 9554	RANGE: 20,680 kPa
BOTTOM S/N: V74	FILE NAME: 4-28-4-29-8-28W1 B, 9554	RANGE: 20,682 kPa
TOP BATTERY S/N: N/A	BOTTOM BATTERY S/N: N/A	
CONNECT TIME: 15:20 Jan.16/17	DISCONNECT TIME: 07:22 Jan.29/17	

SURFACE TEMP: 2°C	LEASE CONDITION: N/A
WIRELINE OPERATOR: Chris [REDACTED]	PHONE: 306-471-6550
WIRELINE ASSISTANT: N/A	
DIRECTIONS: N/A	

DWG WELL HEAD PRESSURES:

TUBING (before survey): N/A	CASING (before survey): 0 kPa
TUBING (after survey): N/A	CASING (after survey): 0 kPa

FLUID LEVEL: N/A	RUN DEPTH: 909 mKB
TIME ON BOTTOM: 15:32 Jan.16/17	TIME OFF BOTTOM: 09:48 Jan.28/17

GRADIENT STOPS

DEPTH mKB:	N/A	FROM:	N/A	UNTIL:	N/A
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COMMENTS:

<p>DESCRIPTION OF WORK DONE:</p> <p>Jan.16 The recorders were ran under a Tryton Bridge plug set at 909 mKB</p> <p>Jan.28 The Bridge plug and Recorders were Pulled with tubing</p> <p>Jan 29 The recorders were delivered to Quality Wireline.</p>



Company Name	TUNDRA OIL & GAS PARTNERSHIP
Well Name	TUNDRA EWART No. 9 C5-29-8-28
Unique Well ID	105/05-29-008-28W1/00
Well License Number	10586
Formation	LODGEPOLE
Test Type	RESERVOIR PRESSURE SURVEY
Start Test Date	2017/01/10
Final Test Date	2017/01/27

Prepared By DOLLCO Well Data Services

Pressure Survey Report

Company Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Contact	CHRIS [REDACTED]
e-mail	chris.perkins@tundraoilandgas.com
Phone	(204) 851-2146
Site Contact	DAN [REDACTED]
Site Phone	(204) 851-1062

Well Information

Well Name	TUNDRA EWART No. 9 C5-29-8-28
Unique Well ID	105/05-29-008-28W1/00
Surface Location	(5B-28) 5-29-8-28W1
Well License Number	10586
Well Type	Horizontal
Well Fluid Type	01 Oil
Field	DALY
KB Elevation (SL)	499.55 m
CF Elevation (SL)	495.65 m
GL Elevation (SL)	495.45 m
Distance from KB to CF (Log)	3.90 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	114.3 mm
Casing Depth(Log KB)	2326.50 m
Casing Depth(TVD KB)	799.26 m
PBTD(Log KB)	2308.50 m
PBTD(TVD KB)	799.08 m

Pressure Survey Report

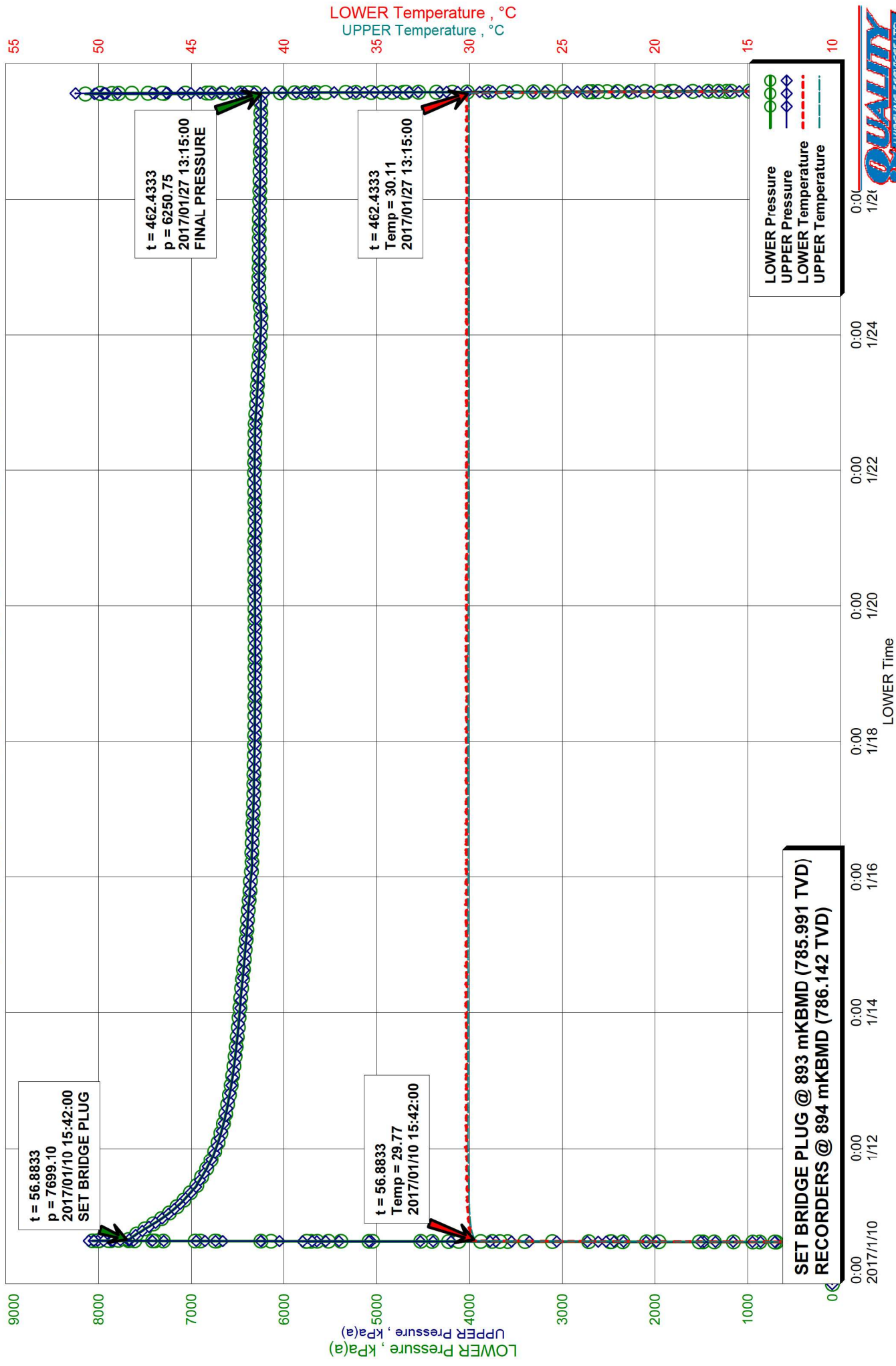
Test Information

Well Name	TUNDRA EWART No. 9 C5-29-8-28
Unique Well ID	105/05-29-008-28W1/00
Surface Location	(5B-28) 5-29-8-28W1
Well License	10586
Well Fluid Type	01 Oil
Test Purpose	Other
Test Type	RESERVOIR PRESSURE SURVEY
Formation	LODGEPOLE
Well Type Indicator	Horizontal
Test/Prod. Interval Top KB (Log)	1482.80 m
Test/Prod. Interval Base KB (Log)	1482.80 m
MPP(Log KB)	1482.80 m
Test/Prod. Interval Top m KB (TVD)	795.71 m
Test/Prod. Interval Base m KB (TVD)	795.71 m
MPP(TVD KB)	795.71 m
Tubing Pressure Initial	kPa(a)
Casing Pressure Initial	93.00 kPa(a)
Tubing Pressure: Final	kPa(a)
Casing Pressure: Final	93.00 kPa(a)
Final Test Date/Time	2017/01/27 13:15:00
Time/Date Well Shut-In	2017/01/10 15:42:00
Gauge Serial Number	VNQ
Run Depth (TVD KB)	786.142 m
Last Measured Pressure at Run Depth	6250.75 kPa(a)
Reservoir Temperature	30.11 °C
Service Company	Quality Wireline Services Ltd.
Representative	BART [REDACTED]
Prepared By	DOLLCO Well Data Services
Qualified By	RICK [REDACTED]
Report Date	2017/01/31

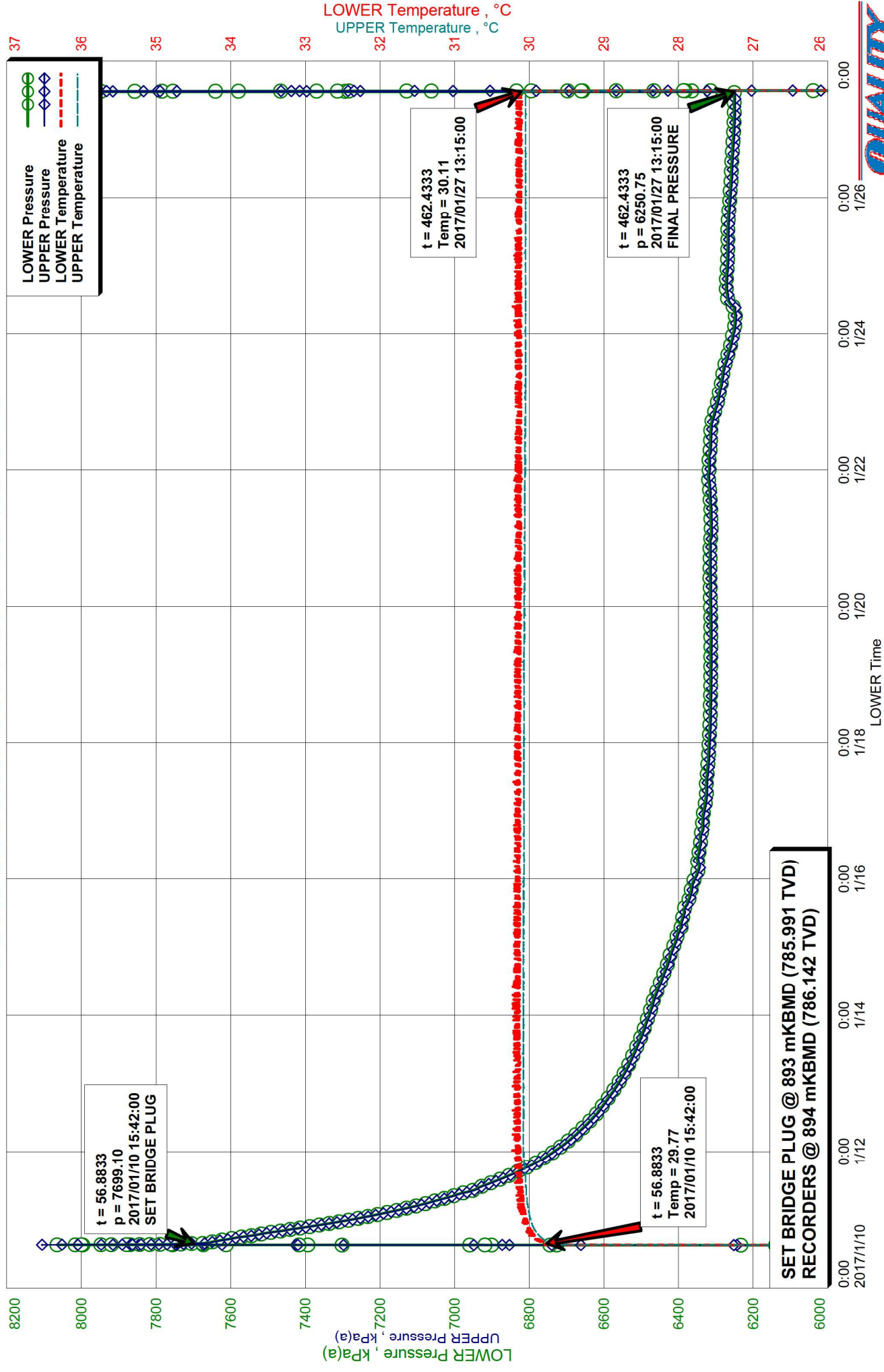
RECORDERS SET @ 894 mKBMD (786.142 TVD)
RUN BELOW BRIDGE PLUG @ 893 mKBMD (785.991 TVD)
FRAC PORT: 1482.8 mKBMD (795.705 TVD)



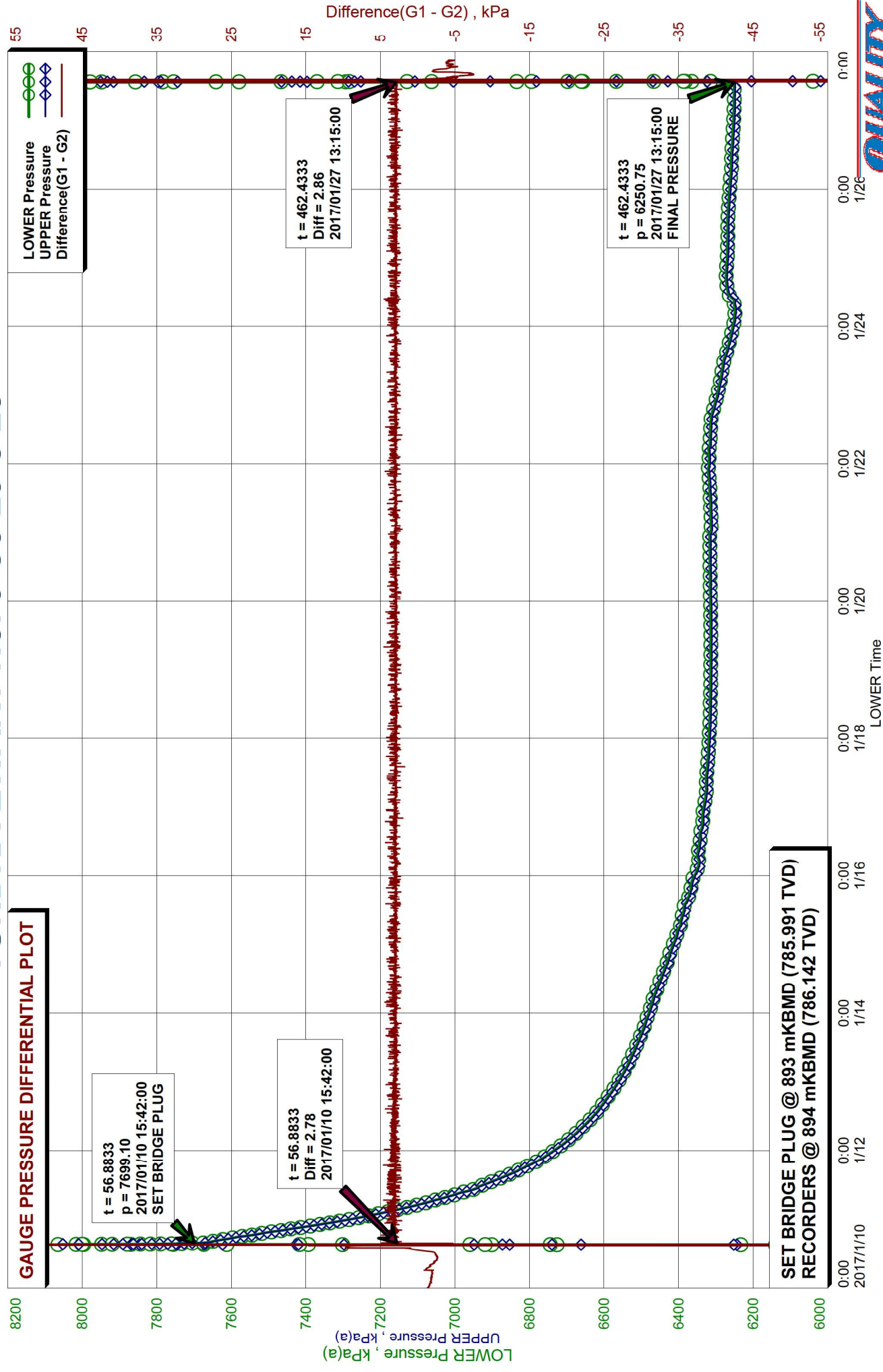
TUNDRA EWART No. 9 C5-29-8-28



TUNDRA EWART No. 9 C5-29-8-28



TUNDRA EWART No. 9 C5-29-8-28



Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	105/05-29-008-28W1/00
Well Name	TUNDRA EWART No. 9 C5-29-8-28
Formation	LODGEPOLE
Start Test Date	2017/01/10
Final Test Date	2017/01/27

Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	VNQ	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	894.00 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2016/02/12	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2017/01/08	Gauge Start Time	06:49:00
Gauge Stop Date	2017/01/27	Gauge Stop Time	21:00:00
Date Gauge On Bottom	2017/01/10	Time Gauge On Bottom	15:15:00
Date Gauge Off Bottom	2017/01/27	Time Gauge Off Bottom	13:15:00

Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	VNS	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	894.00 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2016/02/12	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2017/01/08	Gauge Start Time	06:49:00
Gauge Stop Date	2017/01/27	Gauge Stop Time	21:00:00
Date Gauge On Bottom	2017/01/10	Time Gauge On Bottom	15:15:00
Date Gauge Off Bottom	2017/01/27	Time Gauge Off Bottom	13:15:00

TUNDRA OIL & GAS PARTNERSHIP
105/05-29-008-28W1/00
Start Test Date: 2017/01/10
Final Test Date: 2017/01/27

RESERVOIR PRESSURE SURVEY
RECORDERS @ 894 mKBMD (786.142 TVD)

TUNDRA EWART No. 9 C5-29-8-28
Formation: LODGEPOLE

	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	2017/01/08	06:49:00	0.0000	106.89	18.85	0.0000	105.58	18.86	1.31
2	2017/01/08	06:49:00	0.0000	ACTIVATE RECORDERS S/N: VNQ(L) & VNS(U)					
3	2017/01/08	06:49:30	0.0083	106.76	18.85	0.0084	105.56	18.86	1.20
4	2017/01/08	08:49:00	2.0000	85.82	-13.07	2.0084	87.96	-13.41	-2.20
5	2017/01/08	10:49:00	4.0000	84.09	-15.46	4.0084	85.22	-15.70	-1.14
6	2017/01/08	12:49:00	6.0000	99.08	-2.79	6.0084	98.67	-3.62	0.43
7	2017/01/08	14:49:00	8.0000	96.35	-5.15	8.0167	96.72	-5.98	-0.40
8	2017/01/08	16:49:00	10.0000	102.92	3.30	10.0167	102.94	3.62	0.06
9	2017/01/08	18:49:00	12.0000	106.02	11.06	12.0167	105.57	11.56	0.46
10	2017/01/08	20:49:00	14.0000	106.95	15.58	14.0167	106.00	15.55	0.94
11	2017/01/08	22:49:00	16.0000	107.16	16.92	16.0167	106.14	16.82	1.03
12	2017/01/09	00:49:00	18.0000	107.04	17.20	18.0167	105.91	17.20	1.11
13	2017/01/09	02:49:00	20.0000	106.87	17.50	20.0167	105.78	17.52	1.09
14	2017/01/09	04:49:00	22.0000	106.69	17.72	22.0167	105.54	17.71	1.15
15	2017/01/09	06:49:00	24.0000	105.27	16.15	24.0167	105.05	16.20	0.23
16	2017/01/09	08:49:00	26.0000	104.68	15.08	26.0167	104.79	16.25	-0.13
17	2017/01/09	10:49:00	28.0000	90.05	-9.44	28.0167	93.14	-8.27	-3.18
18	2017/01/09	12:49:00	30.0000	84.84	-13.42	30.0167	87.30	-13.23	-2.46
19	2017/01/09	14:49:00	32.0000	86.03	-12.72	32.0167	88.49	-12.05	-2.46
20	2017/01/09	16:49:00	34.0000	87.64	-11.83	34.0167	89.39	-11.29	-1.73
21	2017/01/09	18:49:00	36.0000	88.71	-11.09	36.0167	89.60	-11.03	-0.89
22	2017/01/09	20:49:00	38.0000	88.03	-11.35	38.0167	88.89	-11.87	-0.89
23	2017/01/09	22:49:00	40.0000	87.37	-11.66	40.0167	88.52	-12.23	-1.14
24	2017/01/10	00:49:00	42.0000	86.47	-12.22	42.0167	88.01	-12.63	-1.54
25	2017/01/10	02:49:00	44.0000	85.10	-13.17	44.0167	86.92	-13.54	-1.85
26	2017/01/10	04:49:00	46.0000	83.77	-14.20	46.0167	85.73	-14.53	-1.97
27	2017/01/10	06:49:00	48.0000	82.65	-15.50	48.0167	83.83	-15.93	-1.21
28	2017/01/10	08:49:00	50.0000	79.03	-17.02	50.0167	81.17	-17.15	-2.16
29	2017/01/10	10:49:00	52.0000	79.21	-17.66	52.0167	81.89	-17.67	-2.66
30	2017/01/10	12:49:00	54.0000	83.03	-16.08	54.0167	84.31	-16.12	-1.25
31	2017/01/10	14:46:00	55.9500	98.77	-6.77	55.9500	92.15	-11.22	6.62
32	2017/01/10	14:46:00	55.9500	RUN IN HOLE WITH RECORDERS BELOW BRIDGE PLUG					
33	2017/01/10	14:46:30	55.9583	98.76	-6.54	55.9584	92.24	-11.11	6.52
34	2017/01/10	14:49:00	56.0000	709.00	10.61	56.0167	1470.43	11.50	-0.96
35	2017/01/10	15:15:00	56.4333	8000.22	29.57	56.4334	8052.21	29.49	-51.99
36	2017/01/10	15:15:00	56.4333	RECORDERS ON DEPTH @ 894 mKBMD (786.142 TVD)					
37	2017/01/10	15:15:30	56.4417	7947.83	29.60	56.4417	7947.19	29.53	0.64
38	2017/01/10	15:42:00	56.8833	7699.10	29.77	56.8834	7696.32	29.71	2.78
39	2017/01/10	15:42:00	56.8833	SET BRIDGE PLUG @ 893 mKBMD (785.991 TVD)					
40	2017/01/10	15:42:30	56.8917	7675.21	29.78	56.8917	7670.35	29.71	4.86

LOWER Serial Number: VNQ Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
UPPER Serial Number: VNS Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
105/05-29-008-28W1/00
Start Test Date: 2017/01/10
Final Test Date: 2017/01/27

RESERVOIR PRESSURE SURVEY
RECORDERS @ 894 mKBMD (786.142 TVD)

TUNDRA EWART No. 9 C5-29-8-28
Formation: LODGEPOLE

	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	2017/01/10	16:49:00	58.0000	7627.22	29.85	58.0167	7623.12	29.79	3.41
42	2017/01/10	18:49:00	60.0000	7527.81	29.94	60.0167	7523.81	29.88	3.38
43	2017/01/10	20:49:00	62.0000	7430.85	29.99	62.0167	7426.88	29.93	3.14
44	2017/01/10	22:49:00	64.0000	7330.88	30.03	64.0167	7326.91	29.97	3.13
45	2017/01/11	00:49:00	66.0000	7246.58	30.05	66.0167	7242.83	29.99	3.09
46	2017/01/11	02:49:00	68.0000	7172.08	30.07	68.0167	7168.39	30.01	3.14
47	2017/01/11	04:49:00	70.0000	7104.47	30.08	70.0167	7100.90	30.02	3.07
48	2017/01/11	06:49:00	72.0000	7047.54	30.09	72.0167	7043.66	30.03	2.36
49	2017/01/11	08:49:00	74.0000	6994.63	30.10	74.0167	6991.11	30.04	3.17
50	2017/01/11	10:49:00	76.0000	6940.38	30.11	76.0167	6936.91	30.04	3.07
51	2017/01/11	12:49:00	78.0000	6906.70	30.11	78.0167	6903.34	30.05	3.04
52	2017/01/11	14:49:00	80.0000	6868.60	30.11	80.0167	6865.18	30.05	3.10
53	2017/01/11	16:49:00	82.0000	6833.69	30.12	82.0167	6829.71	30.06	3.70
54	2017/01/11	18:49:00	84.0000	6802.20	30.13	84.0167	6798.79	30.06	3.12
55	2017/01/11	20:49:00	86.0000	6773.00	30.13	86.0167	6769.73	30.07	3.08
56	2017/01/11	22:49:00	88.0000	6749.12	30.14	88.0167	6745.94	30.08	3.02
57	2017/01/12	00:49:00	90.0000	6726.80	30.14	90.0167	6723.68	30.08	2.94
58	2017/01/12	02:49:00	92.0000	6705.59	30.15	92.0167	6702.45	30.08	2.95
59	2017/01/12	04:49:00	94.0000	6686.95	30.15	94.0167	6683.84	30.08	2.93
60	2017/01/12	06:49:00	96.0000	6669.87	30.15	96.0167	6666.67	30.08	3.10
61	2017/01/12	08:49:00	98.0000	6653.71	30.15	98.0167	6650.54	30.08	3.02
62	2017/01/12	10:49:00	100.0000	6638.18	30.15	100.0167	6634.95	30.08	3.13
63	2017/01/12	12:49:00	102.0000	6624.01	30.15	102.0167	6620.79	30.08	3.08
64	2017/01/12	14:49:00	104.0000	6611.85	30.14	104.0167	6608.66	30.08	3.10
65	2017/01/12	16:49:00	106.0000	6600.48	30.15	106.0167	6597.30	30.08	3.10
66	2017/01/12	18:49:00	108.0000	6589.62	30.15	108.0167	6586.49	30.08	3.03
67	2017/01/12	20:49:00	110.0000	6578.59	30.14	110.0167	6575.59	30.08	2.86
68	2017/01/12	22:49:00	112.0000	6568.29	30.14	112.0167	6565.22	30.08	3.00
69	2017/01/13	00:49:00	114.0000	6558.24	30.14	114.0167	6555.12	30.08	3.02
70	2017/01/13	02:49:00	116.0000	6549.73	30.14	116.0167	6546.79	30.08	2.87
71	2017/01/13	04:49:00	118.0000	6541.05	30.14	118.0167	6538.05	30.08	2.97
72	2017/01/13	06:49:00	120.0000	6533.30	30.14	120.0167	6530.22	30.08	3.04
73	2017/01/13	08:49:00	122.0000	6526.06	30.14	122.0167	6523.12	30.08	2.88
74	2017/01/13	10:49:00	124.0000	6518.95	30.15	124.0167	6515.86	30.08	3.05
75	2017/01/13	12:49:00	126.0000	6512.81	30.14	126.0167	6509.86	30.08	2.85
76	2017/01/13	14:49:00	128.0000	6506.14	30.14	128.0167	6503.10	30.08	3.00
77	2017/01/13	16:49:00	130.0000	6499.52	30.15	130.0167	6496.37	30.08	3.11
78	2017/01/13	18:49:00	132.0000	6493.31	30.15	132.0167	6490.32	30.08	2.95
79	2017/01/13	20:49:00	134.0000	6489.06	30.15	134.0167	6485.94	30.08	3.08
80	2017/01/13	22:49:00	136.0000	6483.21	30.15	136.0167	6480.14	30.08	3.00

LOWER Serial Number: VNQ Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
UPPER Serial Number: VNS Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
105/05-29-008-28W1/00
Start Test Date: 2017/01/10
Final Test Date: 2017/01/27

RESERVOIR PRESSURE SURVEY
RECORDERS @ 894 mKBMD (786.142 TVD)

TUNDRA EWART No. 9 C5-29-8-28
Formation: LODGEPOLE

	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	2017/01/14	00:49:00	138.0000	6478.01	30.15	138.0167	6474.93	30.08	2.99
82	2017/01/14	02:49:00	140.0000	6471.83	30.15	140.0167	6468.81	30.08	2.95
83	2017/01/14	04:49:00	142.0000	6468.57	30.15	142.0167	6465.54	30.08	3.01
84	2017/01/14	06:49:00	144.0000	6462.95	30.15	144.0167	6459.76	30.08	3.01
85	2017/01/14	08:49:00	146.0000	6456.90	30.14	146.0167	6454.02	30.08	2.93
86	2017/01/14	10:49:00	148.0000	6451.66	30.15	148.0167	6448.64	30.08	3.00
87	2017/01/14	12:49:00	150.0000	6445.44	30.14	150.0167	6442.47	30.08	2.95
88	2017/01/14	14:49:00	152.0000	6439.73	30.15	152.0167	6436.74	30.08	2.92
89	2017/01/14	16:49:00	154.0000	6433.53	30.15	154.0167	6430.48	30.08	3.00
90	2017/01/14	18:49:00	156.0000	6428.17	30.15	156.0167	6425.14	30.08	3.04
91	2017/01/14	20:49:00	158.0000	6424.02	30.14	158.0167	6421.04	30.08	2.98
92	2017/01/14	22:49:00	160.0000	6418.03	30.15	160.0167	6414.99	30.08	3.02
93	2017/01/15	00:49:00	162.0000	6412.15	30.15	162.0167	6408.97	30.08	3.12
94	2017/01/15	02:49:00	164.0000	6405.81	30.15	164.0167	6402.79	30.07	2.93
95	2017/01/15	04:49:00	166.0000	6401.87	30.14	166.0167	6398.82	30.07	2.95
96	2017/01/15	06:49:00	168.0000	6393.90	30.15	168.0167	6390.80	30.08	3.02
97	2017/01/15	08:49:00	170.0000	6393.01	30.15	170.0167	6390.06	30.08	2.93
98	2017/01/15	10:49:00	172.0000	6387.78	30.19	172.0167	6384.68	30.08	3.07
99	2017/01/15	12:49:00	174.0000	6386.33	30.15	174.0167	6383.26	30.08	3.09
100	2017/01/15	14:49:00	176.0000	6378.29	30.14	176.0167	6375.40	30.08	2.81
101	2017/01/15	16:49:00	178.0000	6372.35	30.14	178.0167	6369.40	30.07	2.92
102	2017/01/15	18:49:00	180.0000	6368.28	30.14	180.0167	6365.29	30.08	2.96
103	2017/01/15	20:49:00	182.0000	6365.42	30.14	182.0167	6362.47	30.08	2.93
104	2017/01/15	22:49:00	184.0000	6361.18	30.14	184.0167	6358.23	30.08	2.95
105	2017/01/16	00:49:00	186.0000	6353.99	30.15	186.0167	6350.91	30.08	3.01
106	2017/01/16	02:49:00	188.0000	6348.22	30.15	188.0167	6345.21	30.07	2.97
107	2017/01/16	04:49:00	190.0000	6344.71	30.14	190.0167	6341.78	30.07	2.93
108	2017/01/16	06:49:00	192.0000	6349.44	30.15	192.0167	6346.41	30.07	3.06
109	2017/01/16	08:49:00	194.0000	6347.56	30.14	194.0167	6344.54	30.07	2.99
110	2017/01/16	10:49:00	196.0000	6344.50	30.14	196.0167	6341.61	30.07	2.88
111	2017/01/16	12:49:00	198.0000	6342.34	30.18	198.0167	6338.57	30.07	3.72
112	2017/01/16	14:49:00	200.0000	6342.43	30.15	200.0167	6339.26	30.07	3.15
113	2017/01/16	16:49:00	202.0000	6337.84	30.15	202.0167	6334.71	30.07	3.05
114	2017/01/16	18:49:00	204.0000	6335.03	30.14	204.0167	6332.17	30.07	2.86
115	2017/01/16	20:49:00	206.0000	6335.30	30.14	206.0167	6332.33	30.07	2.98
116	2017/01/16	22:49:00	208.0000	6335.25	30.20	208.0167	6331.09	30.07	4.15
117	2017/01/17	00:49:00	210.0000	6330.95	30.14	210.0167	6328.03	30.07	2.89
118	2017/01/17	02:49:00	212.0000	6328.42	30.14	212.0167	6325.39	30.07	3.01
119	2017/01/17	04:49:00	214.0000	6326.39	30.15	214.0167	6323.54	30.07	2.83
120	2017/01/17	06:49:00	216.0000	6325.44	30.14	216.0167	6322.55	30.07	2.89

LOWER Serial Number: VNQ Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
UPPER Serial Number: VNS Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
105/05-29-008-28W1/00
Start Test Date: 2017/01/10
Final Test Date: 2017/01/27

RESERVOIR PRESSURE SURVEY
RECORDERS @ 894 mKBMD (786.142 TVD)

TUNDRA EWART No. 9 C5-29-8-28
Formation: LODGEPOLE

	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	2017/01/17	08:49:00	218.0000	6325.45	30.14	218.0167	6322.53	30.07	2.93
122	2017/01/17	10:49:00	220.0000	6325.25	30.14	220.0167	6322.25	30.07	2.98
123	2017/01/17	12:49:00	222.0000	6323.61	30.13	222.0167	6320.51	30.07	3.09
124	2017/01/17	14:49:00	224.0000	6322.39	30.14	224.0167	6319.40	30.07	2.97
125	2017/01/17	16:49:00	226.0000	6321.12	30.14	226.0167	6318.11	30.07	3.00
126	2017/01/17	18:49:00	228.0000	6320.13	30.15	228.0167	6317.06	30.07	3.06
127	2017/01/17	20:49:00	230.0000	6319.48	30.14	230.0167	6316.47	30.07	3.01
128	2017/01/17	22:49:00	232.0000	6318.40	30.14	232.0167	6315.48	30.07	2.91
129	2017/01/18	00:49:00	234.0000	6317.79	30.14	234.0167	6314.81	30.07	2.96
130	2017/01/18	02:49:00	236.0000	6317.03	30.14	236.0167	6314.13	30.07	2.89
131	2017/01/18	04:49:00	238.0000	6316.21	30.14	238.0167	6313.23	30.07	2.98
132	2017/01/18	06:49:00	240.0000	6315.76	30.14	240.0167	6312.97	30.07	2.78
133	2017/01/18	08:49:00	242.0000	6315.41	30.13	242.0167	6312.41	30.07	2.96
134	2017/01/18	10:49:00	244.0000	6315.23	30.14	244.0167	6312.36	30.07	2.87
135	2017/01/18	12:49:00	246.0000	6315.88	30.20	246.0167	6312.14	30.07	3.77
136	2017/01/18	14:49:00	248.0000	6314.62	30.13	248.0167	6311.71	30.07	2.93
137	2017/01/18	16:49:00	250.0000	6314.25	30.14	250.0167	6311.30	30.07	2.95
138	2017/01/18	18:49:00	252.0000	6313.72	30.14	252.0167	6310.65	30.07	3.05
139	2017/01/18	20:49:00	254.0000	6314.13	30.14	254.0167	6311.12	30.07	3.01
140	2017/01/18	22:49:00	256.0000	6313.78	30.14	256.0250	6310.84	30.07	2.94
141	2017/01/19	00:49:00	258.0000	6313.91	30.13	258.0250	6310.92	30.07	2.96
142	2017/01/19	02:49:00	260.0000	6313.65	30.14	260.0250	6310.81	30.07	2.85
143	2017/01/19	04:49:00	262.0000	6313.47	30.14	262.0250	6310.48	30.07	2.99
144	2017/01/19	06:49:00	264.0000	6313.71	30.14	264.0250	6310.81	30.07	2.91
145	2017/01/19	08:49:00	266.0000	6313.49	30.14	266.0250	6310.56	30.07	2.92
146	2017/01/19	10:49:00	268.0000	6313.46	30.14	268.0250	6310.59	30.07	2.93
147	2017/01/19	12:49:00	270.0000	6313.59	30.17	270.0250	6310.61	30.06	2.94
148	2017/01/19	14:49:00	272.0000	6313.69	30.17	272.0250	6310.76	30.07	2.93
149	2017/01/19	16:49:00	274.0000	6313.52	30.13	274.0250	6310.76	30.07	2.81
150	2017/01/19	18:49:00	276.0000	6313.83	30.14	276.0250	6310.95	30.07	2.91
151	2017/01/19	20:49:00	278.0000	6313.80	30.13	278.0250	6310.89	30.07	2.87
152	2017/01/19	22:49:00	280.0000	6313.95	30.13	280.0250	6311.04	30.06	2.93
153	2017/01/20	00:49:00	282.0000	6314.48	30.14	282.0250	6311.63	30.07	2.89
154	2017/01/20	02:49:00	284.0000	6314.81	30.13	284.0250	6311.79	30.07	2.94
155	2017/01/20	04:49:00	286.0000	6314.91	30.13	286.0250	6312.01	30.07	2.88
156	2017/01/20	06:49:00	288.0000	6315.17	30.14	288.0250	6312.06	30.06	3.08
157	2017/01/20	08:49:00	290.0000	6315.22	30.14	290.0250	6312.20	30.06	3.00
158	2017/01/20	10:49:00	292.0000	6315.43	30.13	292.0250	6312.51	30.06	2.94
159	2017/01/20	12:49:00	294.0000	6316.12	30.17	294.0250	6312.79	30.06	3.36
160	2017/01/20	14:49:00	296.0000	6315.79	30.11	296.0250	6312.97	30.06	2.81

LOWER Serial Number: VNQ Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
UPPER Serial Number: VNS Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
105/05-29-008-28W1/00
Start Test Date: 2017/01/10
Final Test Date: 2017/01/27

RESERVOIR PRESSURE SURVEY
RECORDERS @ 894 mKBMD (786.142 TVD)

TUNDRA EWART No. 9 C5-29-8-28
Formation: LODGEPOLE

	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	2017/01/20	16:49:00	298.0000	6316.41	30.20	298.0250	6312.51	30.07	3.87
162	2017/01/20	18:49:00	300.0000	6315.90	30.13	300.0250	6312.91	30.07	3.00
163	2017/01/20	20:49:00	302.0000	6315.80	30.13	302.0250	6312.92	30.06	2.89
164	2017/01/20	22:49:00	304.0000	6316.34	30.13	304.0250	6313.44	30.06	2.88
165	2017/01/21	00:49:00	306.0000	6312.51	30.13	306.0250	6309.59	30.06	2.95
166	2017/01/21	02:49:00	308.0000	6312.60	30.13	308.0250	6309.67	30.06	2.93
167	2017/01/21	04:49:00	310.0000	6313.08	30.13	310.0250	6310.10	30.06	2.98
168	2017/01/21	06:49:00	312.0000	6313.42	30.13	312.0250	6310.54	30.06	2.87
169	2017/01/21	08:49:00	314.0000	6314.10	30.13	314.0250	6311.15	30.06	2.95
170	2017/01/21	10:49:00	316.0000	6314.04	30.13	316.0250	6311.06	30.06	3.03
171	2017/01/21	12:49:00	318.0000	6315.13	30.13	318.0250	6312.28	30.06	2.82
172	2017/01/21	14:49:00	320.0000	6316.67	30.13	320.0250	6313.80	30.06	2.89
173	2017/01/21	16:49:00	322.0000	6316.73	30.13	322.0250	6313.57	30.05	3.15
174	2017/01/21	18:49:00	324.0000	6317.72	30.13	324.0250	6314.77	30.06	2.98
175	2017/01/21	20:49:00	326.0000	6319.59	30.13	326.0250	6316.65	30.06	2.93
176	2017/01/21	22:49:00	328.0000	6319.43	30.13	328.0250	6316.39	30.06	3.04
177	2017/01/22	00:49:00	330.0000	6317.74	30.12	330.0250	6314.83	30.05	2.92
178	2017/01/22	02:49:00	332.0000	6317.90	30.13	332.0250	6314.81	30.05	3.07
179	2017/01/22	04:49:00	334.0000	6319.24	30.13	334.0250	6316.28	30.06	3.02
180	2017/01/22	06:49:00	336.0000	6315.57	30.13	336.0250	6312.57	30.06	3.00
181	2017/01/22	08:49:00	338.0000	6315.17	30.14	338.0250	6312.08	30.06	3.11
182	2017/01/22	10:49:00	340.0000	6314.32	30.12	340.0250	6311.41	30.06	2.93
183	2017/01/22	12:49:00	342.0000	6314.10	30.13	342.0250	6311.20	30.05	2.94
184	2017/01/22	14:49:00	344.0000	6313.20	30.13	344.0250	6310.27	30.05	2.93
185	2017/01/22	16:49:00	346.0000	6311.52	30.13	346.0250	6308.54	30.05	2.98
186	2017/01/22	18:49:00	348.0000	6306.67	30.13	348.0250	6303.65	30.05	2.95
187	2017/01/22	20:49:00	350.0000	6302.81	30.13	350.0250	6299.86	30.05	2.96
188	2017/01/22	22:49:00	352.0000	6297.74	30.13	352.0250	6294.73	30.05	2.99
189	2017/01/23	00:49:00	354.0000	6294.33	30.13	354.0250	6291.29	30.05	3.03
190	2017/01/23	02:49:00	356.0000	6291.65	30.13	356.0250	6288.47	30.05	3.16
191	2017/01/23	04:49:00	358.0000	6288.47	30.13	358.0250	6285.47	30.05	2.96
192	2017/01/23	06:49:00	360.0000	6285.24	30.13	360.0250	6282.09	30.05	3.12
193	2017/01/23	08:49:00	362.0000	6282.89	30.12	362.0250	6279.88	30.05	3.02
194	2017/01/23	10:49:00	364.0000	6280.58	30.13	364.0250	6277.52	30.05	3.01
195	2017/01/23	12:49:00	366.0000	6277.35	30.13	366.0250	6274.45	30.05	2.81
196	2017/01/23	14:49:00	368.0000	6271.72	30.12	368.0250	6268.80	30.05	2.81
197	2017/01/23	16:49:00	370.0000	6267.60	30.13	370.0250	6264.71	30.05	2.87
198	2017/01/23	18:49:00	372.0000	6262.94	30.13	372.0250	6260.03	30.05	2.84
199	2017/01/23	20:49:00	374.0000	6259.62	30.15	374.0250	6256.37	30.05	3.27
200	2017/01/23	22:49:00	376.0000	6255.99	30.13	376.0250	6252.95	30.05	3.11

LOWER Serial Number: VNQ Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
UPPER Serial Number: VNS Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
105/05-29-008-28W1/00
Start Test Date: 2017/01/10
Final Test Date: 2017/01/27

RESERVOIR PRESSURE SURVEY
RECORDERS @ 894 mKBMD (786.142 TVD)

TUNDRA EWART No. 9 C5-29-8-28
Formation: LODGEPOLE

	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	2017/01/24	00:49:00	378.0000	6252.14	30.13	378.0250	6249.24	30.06	2.87
202	2017/01/24	02:49:00	380.0000	6249.64	30.13	380.0250	6246.59	30.05	3.01
203	2017/01/24	04:49:00	382.0000	6248.41	30.13	382.0250	6245.37	30.05	3.02
204	2017/01/24	06:49:00	384.0000	6248.32	30.13	384.0250	6245.42	30.05	2.99
205	2017/01/24	08:49:00	386.0000	6250.29	30.13	386.0250	6247.34	30.05	2.99
206	2017/01/24	10:49:00	388.0000	6263.40	30.12	388.0250	6260.60	30.05	2.95
207	2017/01/24	12:49:00	390.0000	6268.69	30.13	390.0250	6265.74	30.05	2.99
208	2017/01/24	14:49:00	392.0000	6271.10	30.13	392.0250	6268.13	30.05	3.00
209	2017/01/24	16:49:00	394.0000	6272.19	30.12	394.0250	6269.27	30.05	2.91
210	2017/01/24	18:49:00	396.0000	6271.99	30.13	396.0250	6269.03	30.05	2.96
211	2017/01/24	20:49:00	398.0000	6271.09	30.12	398.0250	6268.20	30.05	2.89
212	2017/01/24	22:49:00	400.0000	6269.89	30.12	400.0250	6266.94	30.05	2.92
213	2017/01/25	00:49:00	402.0000	6269.00	30.13	402.0250	6266.05	30.05	2.95
214	2017/01/25	02:49:00	404.0000	6268.28	30.13	404.0250	6265.40	30.05	2.92
215	2017/01/25	04:49:00	406.0000	6268.39	30.13	406.0250	6265.37	30.05	2.98
216	2017/01/25	06:49:00	408.0000	6267.79	30.13	408.0250	6264.88	30.05	2.87
217	2017/01/25	08:49:00	410.0000	6268.67	30.16	410.0250	6264.92	30.05	3.72
218	2017/01/25	10:49:00	412.0000	6267.93	30.12	412.0250	6265.06	30.05	2.87
219	2017/01/25	12:49:00	414.0000	6267.85	30.12	414.0250	6265.04	30.05	2.81
220	2017/01/25	14:49:00	416.0000	6267.45	30.14	416.0250	6264.47	30.05	3.00
221	2017/01/25	16:49:00	418.0000	6266.79	30.13	418.0250	6263.67	30.05	3.11
222	2017/01/25	18:49:00	420.0000	6265.63	30.15	420.0250	6262.58	30.05	3.01
223	2017/01/25	20:49:00	422.0000	6264.57	30.12	422.0250	6261.60	30.05	2.94
224	2017/01/25	22:49:00	424.0000	6263.17	30.13	424.0250	6260.24	30.05	2.93
225	2017/01/26	00:49:00	426.0000	6262.41	30.13	426.0250	6259.27	30.05	3.11
226	2017/01/26	02:49:00	428.0000	6261.53	30.12	428.0250	6258.55	30.05	2.97
227	2017/01/26	04:49:00	430.0000	6259.99	30.12	430.0250	6257.23	30.05	2.75
228	2017/01/26	06:49:00	432.0000	6258.87	30.12	432.0250	6255.92	30.05	2.91
229	2017/01/26	08:49:00	434.0000	6258.62	30.15	434.0250	6255.48	30.05	3.05
230	2017/01/26	10:49:00	436.0000	6257.96	30.12	436.0250	6255.10	30.05	2.83
231	2017/01/26	12:49:00	438.0000	6257.39	30.12	438.0250	6254.56	30.05	2.84
232	2017/01/26	14:49:00	440.0000	6256.47	30.13	440.0250	6253.38	30.05	3.08
233	2017/01/26	16:49:00	442.0000	6255.36	30.13	442.0250	6252.46	30.05	2.91
234	2017/01/26	18:49:00	444.0000	6254.60	30.15	444.0250	6251.69	30.05	2.91
235	2017/01/26	20:49:00	446.0000	6253.60	30.13	446.0250	6250.62	30.05	3.01
236	2017/01/26	22:49:00	448.0000	6252.66	30.12	448.0250	6249.77	30.05	2.91
237	2017/01/27	00:49:00	450.0000	6251.77	30.13	450.0250	6248.96	30.05	2.77
238	2017/01/27	02:49:00	452.0000	6251.26	30.12	452.0250	6248.33	30.05	2.96
239	2017/01/27	04:49:00	454.0000	6250.94	30.12	454.0250	6248.01	30.05	2.90
240	2017/01/27	06:49:00	456.0000	6250.80	30.13	456.0250	6247.97	30.05	2.85

LOWER Serial Number: VNQ Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
UPPER Serial Number: VNS Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
 105/05-29-008-28W1/00
 Start Test Date: 2017/01/10
 Final Test Date: 2017/01/27

RESERVOIR PRESSURE SURVEY
RECORDERS @ 894 mKBMD (786.142 TVD)

TUNDRA EWART No. 9 C5-29-8-28
 Formation: LODGEPOLE

	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	2017/01/27	08:49:00	458.0000	6250.97	30.12	458.0250	6248.13	30.05	2.81
242	2017/01/27	10:49:00	460.0000	6250.86	30.12	460.0250	6248.04	30.05	2.82
243	2017/01/27	12:49:00	462.0000	6250.81	30.13	462.0250	6247.84	30.05	2.96
244	2017/01/27	13:15:00	462.4333	6250.75	30.11	462.4334	6247.89	30.04	2.86
245	2017/01/27	13:15:00	462.4333	FINAL PRESSURE, PREPARE TO UNSET BRIDGE PLUG					
246	2017/01/27	13:15:30	462.4417	8141.14	30.22	462.4417	8045.71	30.08	95.43
247	2017/01/27	13:17:00	462.4667	8067.54	30.17	462.4667	8067.03	30.10	0.51
248	2017/01/27	13:17:00	462.4667	BRIDGE PLUG IS UNSET					
249	2017/01/27	13:17:30	462.4750	8054.77	30.19	462.4750	8058.16	30.10	-3.39
250	2017/01/27	13:26:00	462.6167	8034.88	30.14	462.6167	7396.76	30.05	638.12
251	2017/01/27	13:26:00	462.6167	PULL TOOLS OUT OF HOLE WITH TUBING					
252	2017/01/27	13:26:30	462.6250	7948.11	30.16	462.6250	7950.93	30.06	-2.82
253	2017/01/27	14:22:00	463.5500	104.33	8.95	463.5500	105.01	8.90	-0.68
254	2017/01/27	14:22:00	463.5500	RECORDERS AT SURFACE					
255	2017/01/27	14:22:30	463.5583	104.28	8.94	463.5584	105.04	8.90	-0.76
256	2017/01/27	14:49:00	464.0000	101.79	6.99	464.0250	106.15	7.40	-4.37
257	2017/01/27	16:49:00	466.0000	102.00	1.41	466.0250	107.05	1.68	-4.81
258	2017/01/27	18:49:00	468.0000	99.75	-1.51	468.0250	104.14	-1.06	-4.51
259	2017/01/27	20:49:00	470.0000	98.44	-3.36	470.0250	103.10	-2.95	-4.61
260	2017/01/27	21:00:00	470.1833	98.31	-3.41	470.1834	102.41	-3.11	-4.10

LOWER Serial Number: VNQ Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
 UPPER Serial Number: VNS Start Date: 2017/01/08 06:49:00 Run Depth: 894.00
 Print Filter: Print every 2 hour



DATE: Jan.29, 2017	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Tundra Daly Hz.	ADDRESS: Virden
LOCATION: (5B-28)05-29-008-28WPM	UWI:105.05-29-008-28W1.00
FIELD: Daly	FORMATION: Lodgepole
CO HQ REP: Chris [REDACTED]	PHONE: 204-851-2146
FIELD REP: Dan [REDACTED]	PHONE: 204-851-1062

REPORTS TO (NAME & EMAIL ADDRESS):

Brett [REDACTED] - brett.howell@tundraoilandgas.com
 Robert [REDACTED] - robert.prefontaine@tundraoilandgas.com
 Adam [REDACTED] - adam.berke@tundraoilandgas.com
 Shellanne [REDACTED] - shellanne.langlois@tundraoilandgas.com
 Allan [REDACTED] - allan.bertram@tundraoilandgas.com
 Bill [REDACTED] - bill.jenkins@tundraoilandgas.com
 Chris [REDACTED] - chris.perkins@tundraoilandgas.com
 Craig [REDACTED] - craig.lane@tundraoilandgas.com
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 Anh [REDACTED] - anh.hguyen@tundraoilandgas.com
 Justin [REDACTED] - justin.robertson@tundraoilandgas.com
 Andrew [REDACTED] - andrew.taylor@tundraoilandgas.com
 Tim [REDACTED] - tim.howell@tundraoilandgas.com
 Tyler [REDACTED] - tyler.routledge@tundraoilandgas.com
 Geoff [REDACTED] - geoff.puckett@tundraoilandgas.com

STATUS: Oil		TEST TYPE: Build up
ESTIMATED H2S CONTENT: N/A		ESTIMATED CO2 CONTENT: N/A
PRODUCING THROUGH: Tubing		SHUT IN TIME/DATE: 15:42 Jan.10, 2017
KOP: 546 mKB	TVD: Included	LICENCE #: 10586
PBTD: 2308.5mKB	TD: 2326.5mKB	WELL TYPE: Horizontal
CASING SIZE: 114.3/139.7mm	CSG WEIGHT: 17.26/23.06kg/m	CSG DEPTH: 2326.5 mKB
TUBING SIZE: N/A	TBG WEIGHT: N/A	TBG DEPTH: N/A
Elevations KB: 499.5m	GRD: 495.45m	CF: 495.65m

PRODUCING INTERVAL

TYPE: Frac Port	SIZE:	INTERVAL: 1482.8 mKB
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RECORDER INFORMATION

TOP S/N: VNS	FILE NAME: 5B-28-5-29-8-28W1 T, 9553	RANGE: 20,680 kPa
BOTTOM S/N: VNQ	FILE NAME: 5B-28-5-29-8-28W1 B, 9553	RANGE: 20,680 kPa
TOP BATTERY S/N: N/A	BOTTOM BATTERY S/N: N/A	
CONNECT TIME: 06:48 Jan.8 2017	DISCONNECT TIME: 09:51 Jan 29, 2017	

SURFACE TEMP: 1°C	LEASE CONDITION: N/A
WIRELINE OPERATOR: Chris Ball	PHONE: 306-471-6550
WIRELINE ASSISTANT: N/A	
DIRECTIONS: N/A	

DWG WELL HEAD PRESSURES:

TUBING (before survey): N/A	CASING (before survey): 0 kPa
TUBING (after survey): N/A	CASING (after survey): 0 kPa

FLUID LEVEL: N/A	RUN DEPTH: 894 mKB
TIME ON BOTTOM: 15:15 Jan.10, 2017	TIME OFF BOTTOM: 13:15 Jan.27, 2017

GRADIENT STOPS

DEPTH mKB:	N/A	FROM:	N/A	UNTIL:	N/A
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COMMENTS:

<p>DESCRIPTION OF WORK DONE:</p> <p>Jan.10 Recorders were ran on the bottom of a Tryton Bridge Plug and set at 894mKB</p> <p>Jan.27, 2017 Recorders were pulled with tubing</p> <p>Jan.29 Recorders were delivered to Quality Wireline</p>
--

Appendix D

Average Monthly Injection Pressure (kPag)

Month	104/12-29	102/13-29
Jan-16	-	-
Feb-16	-	-
Mar-16	131	-
Apr-16	-38	-
May-16	-88	-
Jun-16	685	-
Jul-16	1783	-
Aug-16	3587	-
Sep-16	4964	-
Oct-16	4957	-
Nov-16	5152	-
Dec-16	5277	-
Jan-17	6912	287
Feb-17	7181	-66
Mar-17	7022	-96
Apr-17	7085	-96
May-17	7131	-53
Jun-17	7135	-43
Jul-17	7174	-57
Aug-17	7186	-41
Sep-17	7064	-31
Oct-17	7148	-43
Nov-17	6231	-64
Dec-17	6924	-44

Appendix E
Rates and VRR Plots

Pattern: 04/04-29-008-28Inj Set: EwartUnit#9LP

Oil Formation Vol Factor : 1.05000 m3/m3

Water Formation Vol Factor : 1.00000 m3/m3

Water / Oil Ratio : 0.14 m3/m3

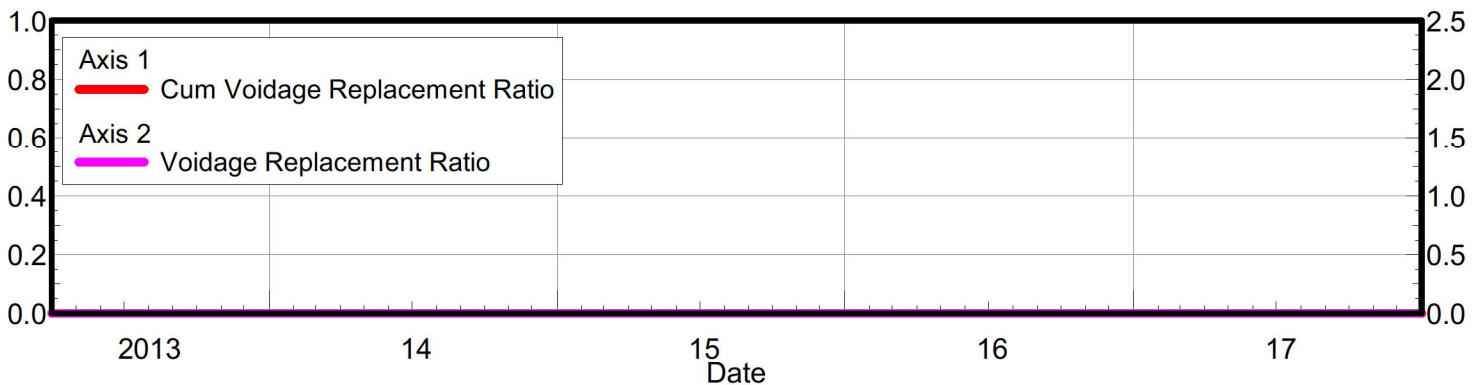
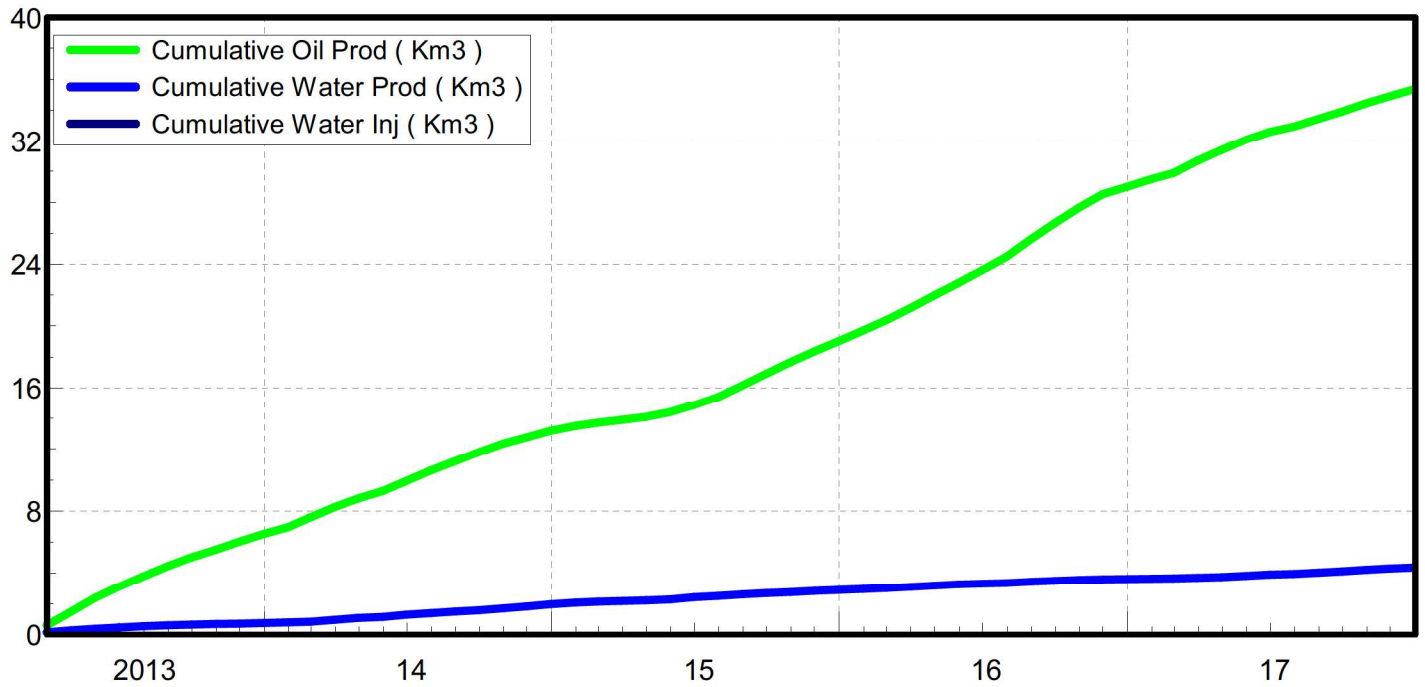
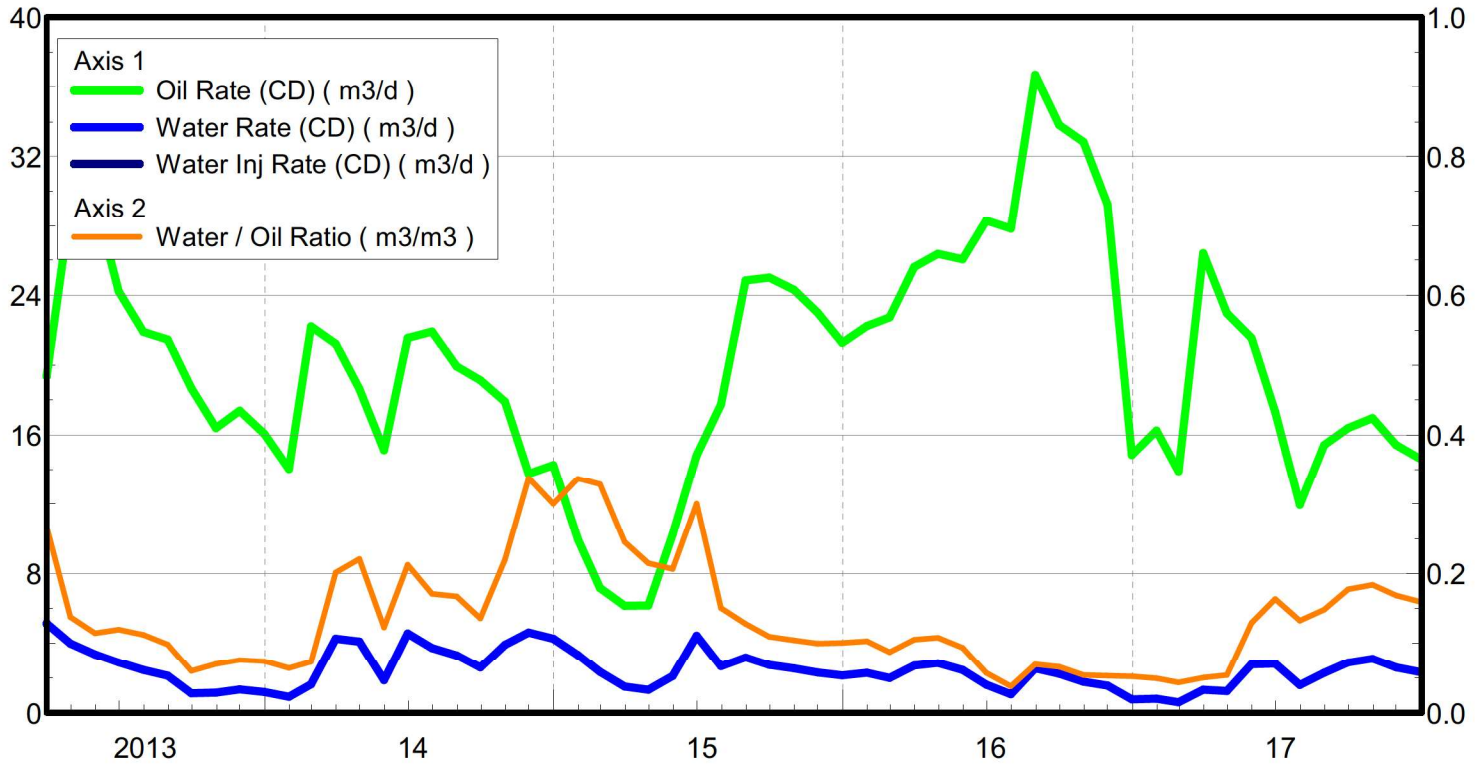
March 07, 2018

Operator: TUNDRA_OIL_AND_GAS_PARTNER

Oil Rate (CD) : 14.60 m3/d

Water Rate (CD) : 2.33 m3/d

Water Inj Rate (CD) : * m3/d



Date	Oil Rate (CD) m3/d	Water Rate (CD) m3/d	Water Oil Ratio m3/m3	Water Inj Rate (CD) m3/d	Cum Oil Prod Km3	Cum Water Prod Km3	Cum Water Inj Km3	VRR	Cum VRR
2/28/2013					0.00	0.00	0.00		
3/31/2013	19.36	5.15	0.27		0.60	0.16	0.00	0.000	0.000
4/30/2013	29.14	4.01	0.14		1.47	0.28	0.00	0.000	0.000
5/31/2013	29.44	3.37	0.11		2.39	0.38	0.00	0.000	0.000
6/30/2013	24.22	2.90	0.12		3.11	0.47	0.00	0.000	0.000
7/31/2013	21.91	2.46	0.11		3.79	0.55	0.00	0.000	0.000
8/31/2013	21.47	2.12	0.10		4.46	0.61	0.00	0.000	0.000
9/30/2013	18.67	1.12	0.06		5.02	0.65	0.00	0.000	0.000
10/31/2013	16.39	1.15	0.07		5.53	0.68	0.00	0.000	0.000
11/30/2013	17.37	1.33	0.08		6.05	0.72	0.00	0.000	0.000
12/31/2013	16.05	1.19	0.07		6.55	0.76	0.00	0.000	0.000
1/31/2014	14.02	0.90	0.06		6.98	0.79	0.00	0.000	0.000
2/28/2014	22.22	1.63	0.07		7.60	0.83	0.00	0.000	0.000
3/31/2014	21.22	4.27	0.20		8.26	0.97	0.00	0.000	0.000
4/30/2014	18.63	4.11	0.22		8.82	1.09	0.00	0.000	0.000
5/31/2014	15.11	1.86	0.12		9.29	1.15	0.00	0.000	0.000
6/30/2014	21.56	4.57	0.21		9.93	1.28	0.00	0.000	0.000
7/31/2014	21.93	3.75	0.17		10.61	1.40	0.00	0.000	0.000
8/31/2014	19.91	3.33	0.17		11.23	1.50	0.00	0.000	0.000
9/30/2014	19.13	2.60	0.14		11.80	1.58	0.00	0.000	0.000
10/31/2014	17.90	3.93	0.22		12.36	1.70	0.00	0.000	0.000
11/30/2014	13.75	4.63	0.34		12.77	1.84	0.00	0.000	0.000
12/31/2014	14.25	4.28	0.30		13.21	1.98	0.00	0.000	0.000
1/31/2015	9.95	3.35	0.34		13.52	2.08	0.00	0.000	0.000
2/28/2015	7.17	2.35	0.33		13.72	2.14	0.00	0.000	0.000
3/31/2015	6.15	1.51	0.25		13.91	2.19	0.00	0.000	0.000
4/30/2015	6.17	1.32	0.21		14.10	2.23	0.00	0.000	0.000
5/31/2015	10.22	2.11	0.21		14.42	2.30	0.00	0.000	0.000
6/30/2015	14.81	4.44	0.30		14.86	2.43	0.00	0.000	0.000
7/31/2015	17.73	2.67	0.15		15.41	2.51	0.00	0.000	0.000
8/31/2015	24.86	3.19	0.13		16.18	2.61	0.00	0.000	0.000
9/30/2015	25.01	2.75	0.11		16.93	2.69	0.00	0.000	0.000
10/31/2015	24.32	2.55	0.10		17.68	2.77	0.00	0.000	0.000
11/30/2015	23.01	2.30	0.10		18.38	2.84	0.00	0.000	0.000
12/31/2015	21.27	2.15	0.10		19.03	2.91	0.00	0.000	0.000
1/31/2016	22.23	2.30	0.10		19.72	2.98	0.00	0.000	0.000
2/29/2016	22.74	1.99	0.09		20.38	3.04	0.00	0.000	0.000
3/31/2016	25.62	2.71	0.11		21.18	3.12	0.00	0.000	0.000
4/30/2016	26.38	2.86	0.11		21.97	3.21	0.00	0.000	0.000
5/31/2016	26.07	2.46	0.09		22.78	3.28	0.00	0.000	0.000
6/30/2016	28.29	1.62	0.06		23.63	3.33	0.00	0.000	0.000
7/31/2016	27.83	1.06	0.04		24.49	3.36	0.00	0.000	0.000
8/31/2016	36.68	2.56	0.07		25.63	3.44	0.00	0.000	0.000
9/30/2016	33.82	2.24	0.07		26.64	3.51	0.00	0.000	0.000
10/31/2016	32.83	1.77	0.05		27.66	3.57	0.00	0.000	0.000

Date	Oil Rate (CD) m3/d	Water Rate (CD) m3/d	Water Oil Ratio m3/m3	Water Inj Rate (CD) m3/d	Cum Oil Prod Km3	Cum Water Prod Km3	Cum Water Inj Km3	VRR	Cum VRR
11/30/2016	29.25	1.56	0.05		28.54	3.61	0.00	0.000	0.000
12/31/2016	14.84	0.77	0.05		29.00	3.64	0.00	0.000	0.000
1/31/2017	16.24	0.80	0.05		29.50	3.66	0.00	0.000	0.000
2/28/2017	13.90	0.61	0.04		29.89	3.68	0.00	0.000	0.000
3/31/2017	26.42	1.33	0.05		30.71	3.72	0.00	0.000	0.000
4/30/2017	22.97	1.25	0.05		31.40	3.76	0.00	0.000	0.000
5/31/2017	21.56	2.79	0.13		32.06	3.84	0.00	0.000	0.000
6/30/2017	17.30	2.83	0.16		32.58	3.93	0.00	0.000	0.000
7/31/2017	11.95	1.58	0.13		32.95	3.98	0.00	0.000	0.000
8/31/2017	15.41	2.28	0.15		33.43	4.05	0.00	0.000	0.000
9/30/2017	16.38	2.91	0.18		33.92	4.14	0.00	0.000	0.000
10/31/2017	16.96	3.12	0.18		34.45	4.23	0.00	0.000	0.000
11/30/2017	15.41	2.60	0.17		34.91	4.31	0.00	0.000	0.000
12/31/2017	14.60	2.33	0.16		35.36	4.38	0.00	0.000	0.000

Pattern: 04/12-29-008-28Inj Set: EwartUnit#9LP

Oil Formation Vol Factor : 1.05000 m3/m3

Water Formation Vol Factor : 1.00000 m3/m3

Water / Oil Ratio : 0.03 m3/m3

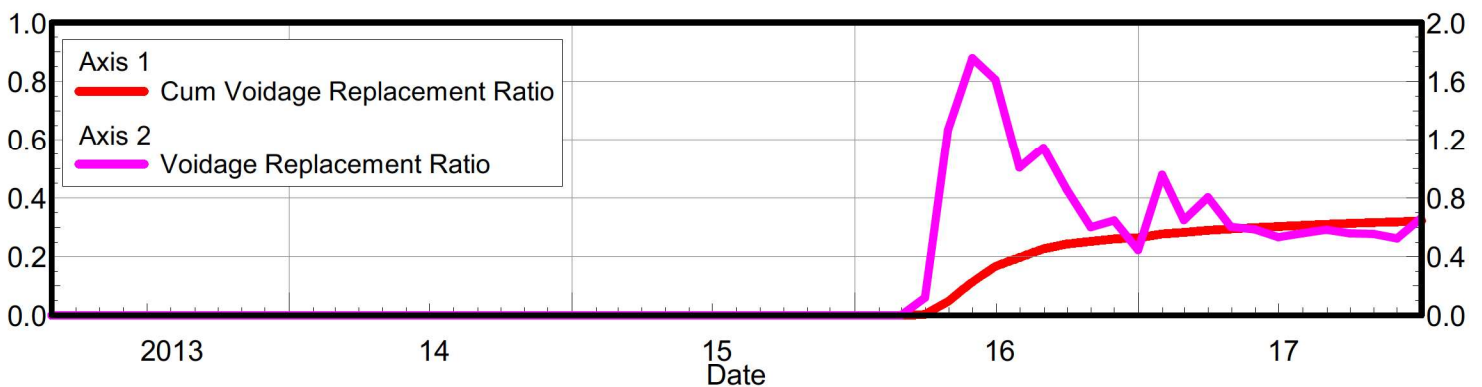
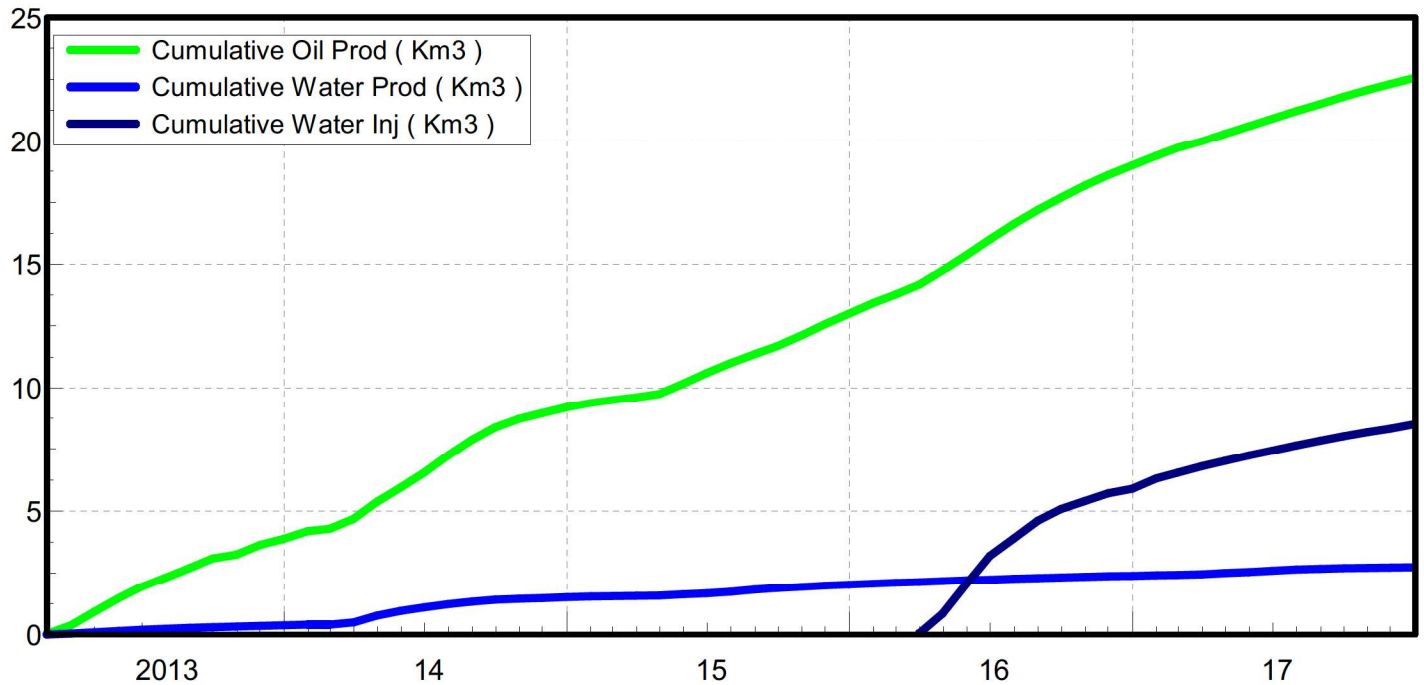
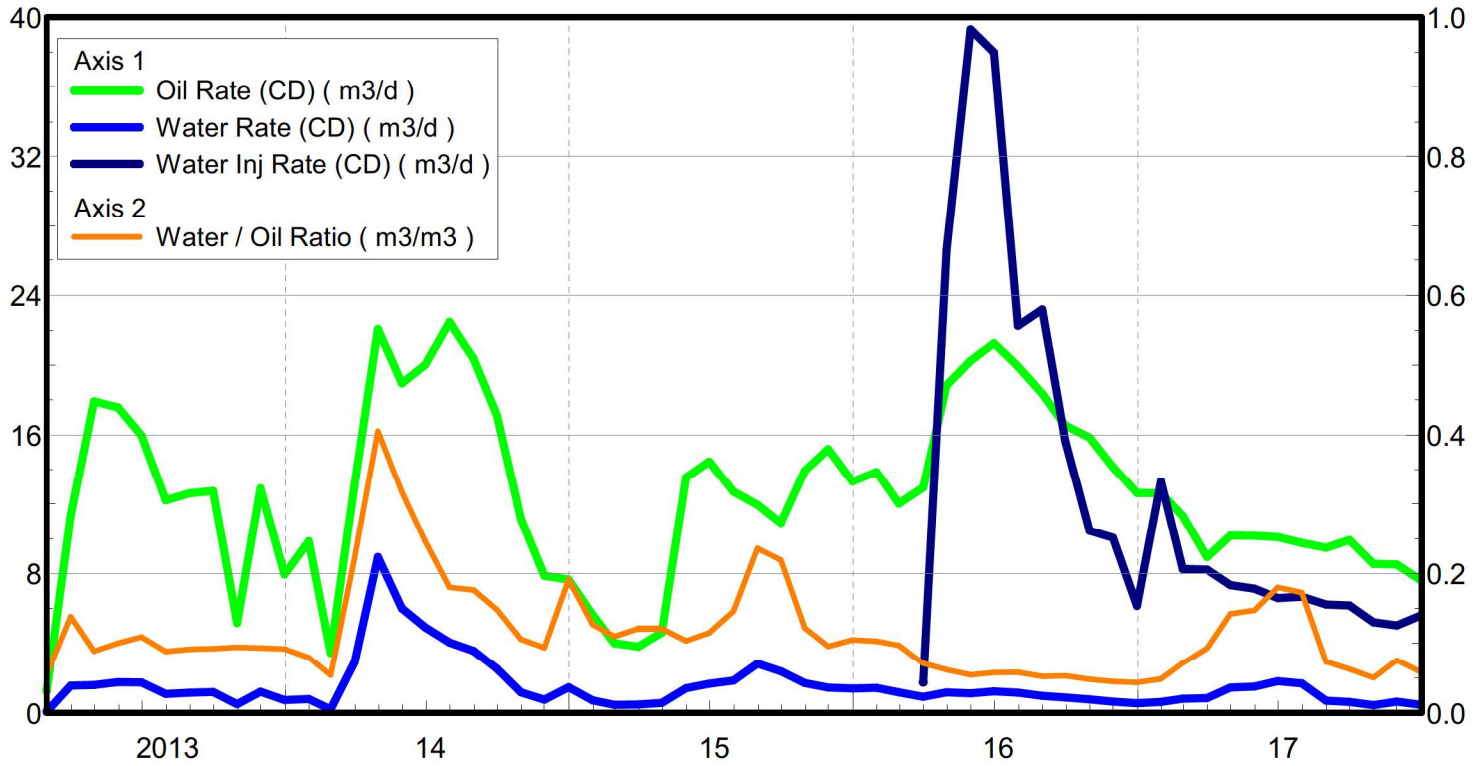
March 07, 2018

Operator: TUNDRA_OIL_AND_GAS_PARTNER

Oil Rate (CD) : 7.61 m3/d

Water Rate (CD) : 0.45 m3/d

Water Inj Rate (CD) : 5.60 m3/d



Date	Oil Rate (CD) m3/d	Water Rate (CD) m3/d	Water Oil Ratio m3/m3	Water Inj Rate (CD) m3/d	Cum Oil Prod Km3	Cum Water Prod Km3	Cum Water Inj Km3	VRR	Cum VRR
2/28/2013	1.27	0.07	0.06		0.04	0.00	0.00	0.000	0.000
3/31/2013	11.32	1.56	0.14		0.39	0.05	0.00	0.000	0.000
4/30/2013	17.91	1.59	0.09		0.92	0.10	0.00	0.000	0.000
5/31/2013	17.56	1.76	0.10		1.47	0.15	0.00	0.000	0.000
6/30/2013	15.96	1.74	0.11		1.95	0.21	0.00	0.000	0.000
7/31/2013	12.22	1.08	0.09		2.33	0.24	0.00	0.000	0.000
8/31/2013	12.61	1.16	0.09		2.72	0.27	0.00	0.000	0.000
9/30/2013	12.74	1.18	0.09		3.10	0.31	0.00	0.000	0.000
10/31/2013	5.19	0.49	0.09		3.26	0.33	0.00	0.000	0.000
11/30/2013	12.89	1.21	0.09		3.65	0.36	0.00	0.000	0.000
12/31/2013	7.93	0.73	0.09		3.89	0.38	0.00	0.000	0.000
1/31/2014	9.84	0.78	0.08		4.20	0.41	0.00	0.000	0.000
2/28/2014	3.47	0.19	0.05		4.29	0.41	0.00	0.000	0.000
3/31/2014	13.12	2.92	0.22		4.70	0.50	0.00	0.000	0.000
4/30/2014	22.07	8.94	0.41		5.36	0.77	0.00	0.000	0.000
5/31/2014	18.95	6.01	0.32		5.95	0.96	0.00	0.000	0.000
6/30/2014	20.02	4.92	0.25		6.55	1.11	0.00	0.000	0.000
7/31/2014	22.47	4.05	0.18		7.25	1.23	0.00	0.000	0.000
8/31/2014	20.34	3.59	0.18		7.88	1.34	0.00	0.000	0.000
9/30/2014	17.11	2.54	0.15		8.39	1.42	0.00	0.000	0.000
10/31/2014	11.12	1.18	0.11		8.74	1.46	0.00	0.000	0.000
11/30/2014	7.87	0.74	0.09		8.97	1.48	0.00	0.000	0.000
12/31/2014	7.65	1.46	0.19		9.21	1.52	0.00	0.000	0.000
1/31/2015	5.64	0.72	0.13		9.38	1.55	0.00	0.000	0.000
2/28/2015	4.03	0.44	0.11		9.50	1.56	0.00	0.000	0.000
3/31/2015	3.82	0.46	0.12		9.62	1.57	0.00	0.000	0.000
4/30/2015	4.63	0.56	0.12		9.75	1.59	0.00	0.000	0.000
5/31/2015	13.54	1.41	0.10		10.17	1.63	0.00	0.000	0.000
6/30/2015	14.45	1.66	0.12		10.61	1.68	0.00	0.000	0.000
7/31/2015	12.71	1.86	0.15		11.00	1.74	0.00	0.000	0.000
8/31/2015	11.95	2.82	0.24		11.37	1.83	0.00	0.000	0.000
9/30/2015	10.91	2.39	0.22		11.70	1.90	0.00	0.000	0.000
10/31/2015	13.91	1.70	0.12		12.13	1.95	0.00	0.000	0.000
11/30/2015	15.17	1.46	0.10		12.59	2.00	0.00	0.000	0.000
12/31/2015	13.30	1.40	0.11		13.00	2.04	0.00	0.000	0.000
1/31/2016	13.84	1.43	0.10		13.43	2.08	0.00	0.000	0.000
2/29/2016	12.03	1.17	0.10		13.78	2.12	0.00	0.000	0.000
3/31/2016	12.94	0.92	0.07	1.74	14.18	2.15	0.05	0.120	0.003
4/30/2016	18.84	1.17	0.06	26.60	14.74	2.18	0.85	1.270	0.048
5/31/2016	20.23	1.11	0.05	39.29	15.37	2.22	2.07	1.758	0.113
6/30/2016	21.27	1.23	0.06	37.97	16.01	2.25	3.21	1.612	0.168
7/31/2016	19.93	1.16	0.06	22.26	16.62	2.29	3.90	1.008	0.197
8/31/2016	18.36	0.96	0.05	23.19	17.19	2.32	4.62	1.146	0.227
9/30/2016	16.53	0.88	0.05	15.63	17.69	2.34	5.09	0.857	0.243
10/31/2016	15.83	0.76	0.05	10.45	18.18	2.37	5.41	0.601	0.252

Date	Oil Rate (CD) m3/d	Water Rate (CD) m3/d	Water Oil Ratio m3/m3	Water Inj Rate (CD) m3/d	Cum Oil Prod Km3	Cum Water Prod Km3	Cum Water Inj Km3	VRR	Cum VRR
11/30/2016	14.15	0.63	0.04	10.03	18.60	2.39	5.71	0.648	0.261
12/31/2016	12.64	0.55	0.04	6.16	19.00	2.40	5.90	0.446	0.264
1/31/2017	12.61	0.61	0.05	13.29	19.39	2.42	6.32	0.959	0.277
2/28/2017	11.31	0.81	0.07	8.25	19.70	2.45	6.55	0.650	0.283
3/31/2017	8.93	0.83	0.09	8.23	19.98	2.47	6.80	0.806	0.290
4/30/2017	10.18	1.45	0.14	7.33	20.29	2.51	7.02	0.604	0.295
5/31/2017	10.15	1.50	0.15	7.13	20.60	2.56	7.24	0.586	0.299
6/30/2017	10.07	1.81	0.18	6.60	20.90	2.62	7.44	0.533	0.303
7/31/2017	9.75	1.68	0.17	6.68	21.20	2.67	7.65	0.560	0.307
8/31/2017	9.47	0.69	0.07	6.22	21.50	2.69	7.84	0.585	0.310
9/30/2017	9.92	0.62	0.06	6.18	21.80	2.71	8.03	0.560	0.314
10/31/2017	8.54	0.43	0.05	5.22	22.06	2.72	8.19	0.555	0.316
11/30/2017	8.51	0.65	0.08	5.04	22.32	2.74	8.34	0.526	0.319
12/31/2017	7.61	0.45	0.06	5.60	22.55	2.75	8.51	0.663	0.322

Pattern: 02/13-29-008-28Inj Set: EwartUnit#9LP

Oil Formation Vol Factor : 1.05000 m3/m3

Water Formation Vol Factor : 1.00000 m3/m3

Water / Oil Ratio : 12.81 m3/m3

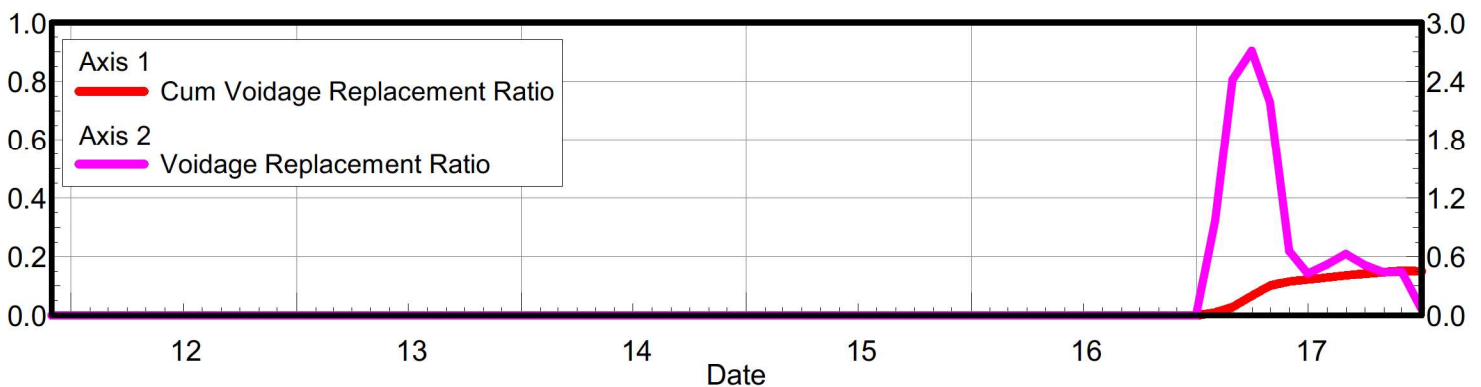
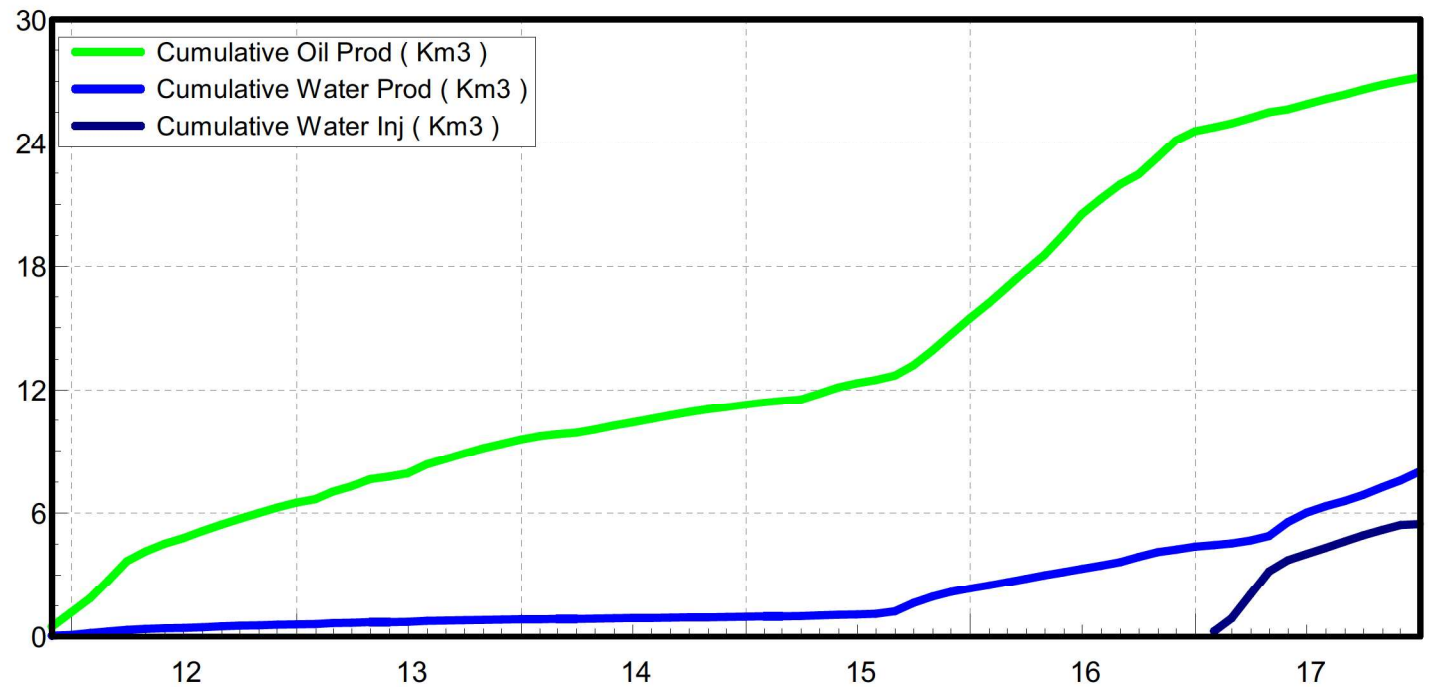
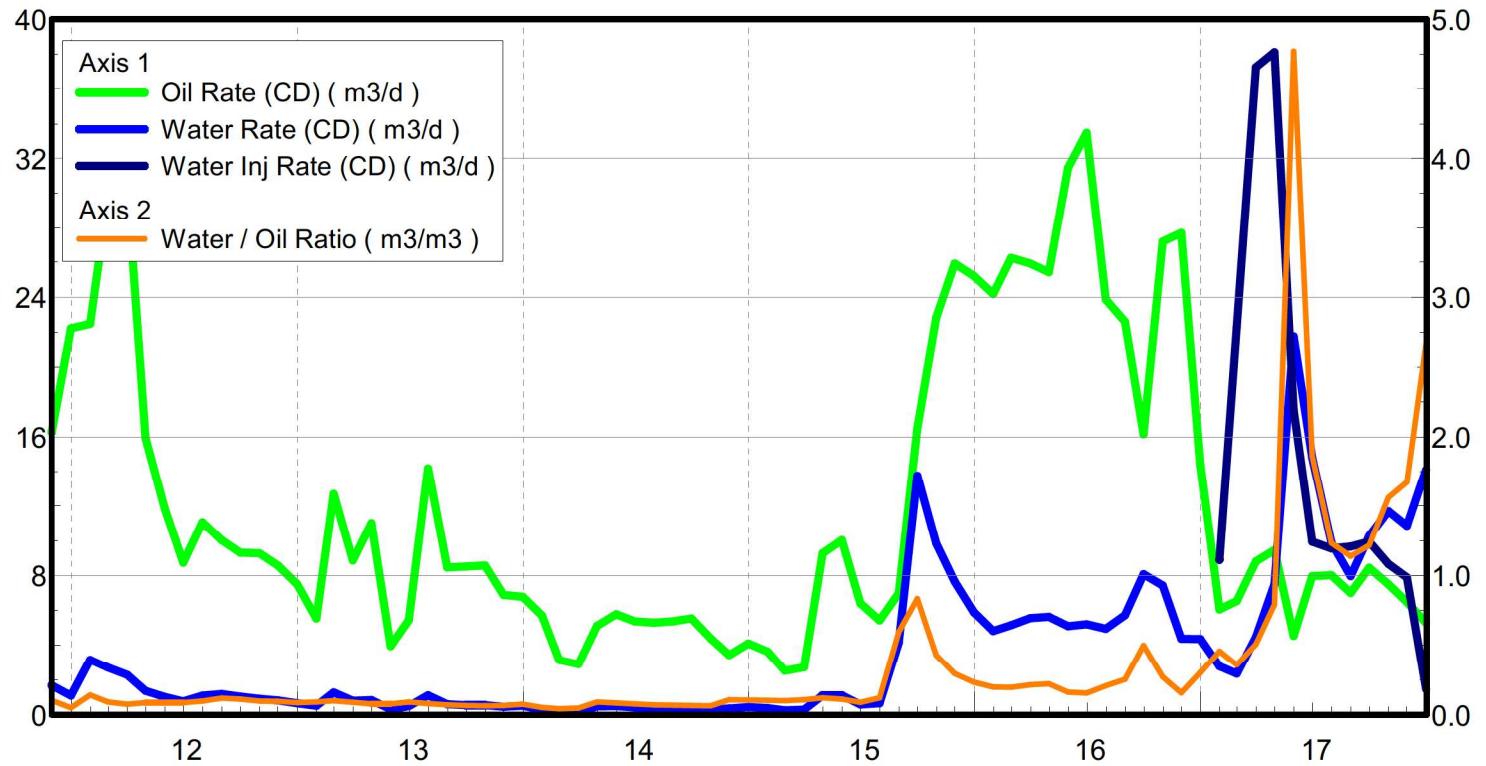
March 07, 2018

Operator: TUNDRA_OIL_AND_GAS_PARTNER

Oil Rate (CD) : 5.29 m3/d

Water Rate (CD) : 14.10 m3/d

Water Inj Rate (CD) : 1.46 m3/d



Date	Oil Rate (CD) m3/d	Water Rate (CD) m3/d	Water Oil Ratio m3/m3	Water Inj Rate (CD) m3/d	Cum Oil Prod Km3	Cum Water Prod Km3	Cum Water Inj Km3	VRR	Cum VRR
11/30/2011	16.27	1.68	0.10		0.49	0.05	0.00	0.000	0.000
12/31/2011	22.21	1.09	0.05		1.18	0.08	0.00	0.000	0.000
1/31/2012	22.48	3.17	0.14		1.87	0.18	0.00	0.000	0.000
2/29/2012	29.80	2.71	0.09		2.74	0.26	0.00	0.000	0.000
3/31/2012	30.54	2.30	0.08		3.68	0.33	0.00	0.000	0.000
4/30/2012	15.94	1.37	0.09		4.16	0.37	0.00	0.000	0.000
5/31/2012	11.86	1.02	0.09		4.53	0.41	0.00	0.000	0.000
6/30/2012	8.73	0.76	0.09		4.79	0.43	0.00	0.000	0.000
7/31/2012	11.05	1.09	0.10		5.13	0.46	0.00	0.000	0.000
8/31/2012	10.02	1.19	0.12		5.45	0.50	0.00	0.000	0.000
9/30/2012	9.31	1.04	0.11		5.72	0.53	0.00	0.000	0.000
10/31/2012	9.27	0.91	0.10		6.01	0.56	0.00	0.000	0.000
11/30/2012	8.56	0.82	0.10		6.27	0.58	0.00	0.000	0.000
12/31/2012	7.49	0.65	0.09		6.50	0.60	0.00	0.000	0.000
1/31/2013	5.55	0.50	0.09		6.67	0.62	0.00	0.000	0.000
2/28/2013	12.69	1.28	0.10		7.03	0.65	0.00	0.000	0.000
3/31/2013	8.85	0.79	0.09		7.30	0.68	0.00	0.000	0.000
4/30/2013	11.00	0.84	0.08		7.63	0.70	0.00	0.000	0.000
5/31/2013	3.97	0.31	0.08		7.76	0.71	0.00	0.000	0.000
6/30/2013	5.45	0.50	0.09		7.92	0.73	0.00	0.000	0.000
7/31/2013	14.17	1.12	0.08		8.36	0.76	0.00	0.000	0.000
8/31/2013	8.45	0.59	0.07		8.62	0.78	0.00	0.000	0.000
9/30/2013	8.51	0.55	0.07		8.88	0.80	0.00	0.000	0.000
10/31/2013	8.56	0.54	0.06		9.14	0.81	0.00	0.000	0.000
11/30/2013	6.89	0.46	0.07		9.35	0.83	0.00	0.000	0.000
12/31/2013	6.79	0.50	0.07		9.56	0.84	0.00	0.000	0.000
1/31/2014	5.71	0.29	0.05		9.74	0.85	0.00	0.000	0.000
2/28/2014	3.16	0.13	0.04		9.82	0.86	0.00	0.000	0.000
3/31/2014	2.92	0.14	0.05		9.92	0.86	0.00	0.000	0.000
4/30/2014	5.13	0.47	0.09		10.07	0.87	0.00	0.000	0.000
5/31/2014	5.79	0.49	0.09		10.25	0.89	0.00	0.000	0.000
6/30/2014	5.39	0.41	0.08		10.41	0.90	0.00	0.000	0.000
7/31/2014	5.30	0.38	0.07		10.57	0.91	0.00	0.000	0.000
8/31/2014	5.39	0.37	0.07		10.74	0.93	0.00	0.000	0.000
9/30/2014	5.54	0.36	0.07		10.91	0.94	0.00	0.000	0.000
10/31/2014	4.42	0.28	0.06		11.05	0.94	0.00	0.000	0.000
11/30/2014	3.46	0.37	0.11		11.15	0.96	0.00	0.000	0.000
12/31/2014	4.12	0.43	0.10		11.28	0.97	0.00	0.000	0.000
1/31/2015	3.66	0.37	0.10		11.39	0.98	0.00	0.000	0.000
2/28/2015	2.54	0.26	0.10		11.46	0.99	0.00	0.000	0.000
3/31/2015	2.73	0.29	0.11		11.55	1.00	0.00	0.000	0.000
4/30/2015	9.26	1.12	0.12		11.82	1.03	0.00	0.000	0.000
5/31/2015	10.02	1.12	0.11		12.13	1.07	0.00	0.000	0.000
6/30/2015	6.42	0.57	0.09		12.33	1.08	0.00	0.000	0.000
7/31/2015	5.43	0.65	0.12		12.49	1.10	0.00	0.000	0.000

Date	Oil Rate (CD) m3/d	Water Rate (CD) m3/d	Water Oil Ratio m3/m3	Water Inj Rate (CD) m3/d	Cum Oil Prod Km3	Cum Water Prod Km3	Cum Water Inj Km3	VRR	Cum VRR
8/31/2015	6.99	4.17	0.60		12.71	1.23	0.00	0.000	0.000
9/30/2015	16.47	13.75	0.83		13.21	1.64	0.00	0.000	0.000
10/31/2015	22.83	9.84	0.43		13.91	1.95	0.00	0.000	0.000
11/30/2015	25.93	7.65	0.29		14.69	2.18	0.00	0.000	0.000
12/31/2015	25.22	5.89	0.23		15.47	2.36	0.00	0.000	0.000
1/31/2016	24.19	4.84	0.20		16.22	2.51	0.00	0.000	0.000
2/29/2016	26.27	5.16	0.20		16.99	2.66	0.00	0.000	0.000
3/31/2016	25.93	5.56	0.21		17.79	2.83	0.00	0.000	0.000
4/30/2016	25.43	5.64	0.22		18.55	3.00	0.00	0.000	0.000
5/31/2016	31.48	5.12	0.16		19.53	3.16	0.00	0.000	0.000
6/30/2016	33.48	5.21	0.16		20.53	3.32	0.00	0.000	0.000
7/31/2016	23.87	4.96	0.21		21.27	3.47	0.00	0.000	0.000
8/31/2016	22.61	5.74	0.25		21.97	3.65	0.00	0.000	0.000
9/30/2016	16.14	8.07	0.50		22.46	3.89	0.00	0.000	0.000
10/31/2016	27.21	7.43	0.27		23.30	4.12	0.00	0.000	0.000
11/30/2016	27.69	4.39	0.16		24.13	4.25	0.00	0.000	0.000
12/31/2016	14.43	4.38	0.30		24.58	4.39	0.00	0.000	0.000
1/31/2017	6.05	2.78	0.46	8.90	24.77	4.47	0.28	0.974	0.009
2/28/2017	6.54	2.36	0.36	22.29	24.95	4.54	0.90	2.417	0.029
3/31/2017	8.80	4.48	0.51	37.23	25.22	4.68	2.05	2.713	0.066
4/30/2017	9.45	7.50	0.79	38.10	25.51	4.90	3.20	2.186	0.101
5/31/2017	4.56	21.75	4.77	17.55	25.65	5.58	3.74	0.661	0.115
6/30/2017	7.95	14.81	1.86	9.93	25.89	6.02	4.04	0.429	0.122
7/31/2017	8.01	9.86	1.23	9.55	26.13	6.33	4.34	0.522	0.128
8/31/2017	7.00	7.95	1.14	9.66	26.35	6.58	4.63	0.631	0.135
9/30/2017	8.44	10.25	1.21	9.92	26.60	6.88	4.93	0.519	0.142
10/31/2017	7.50	11.70	1.56	8.66	26.84	7.25	5.20	0.442	0.147
11/30/2017	6.49	10.84	1.67	7.89	27.03	7.57	5.44	0.447	0.151
12/31/2017	5.29	14.10	2.67	1.46	27.20	8.01	5.48	0.074	0.150