

EWART UNIT NO. 9
WATERFLOOD EOR PROJECT
ANNUAL REPORT FOR 2015

June 20, 2016

Tundra Oil and Gas Partnership

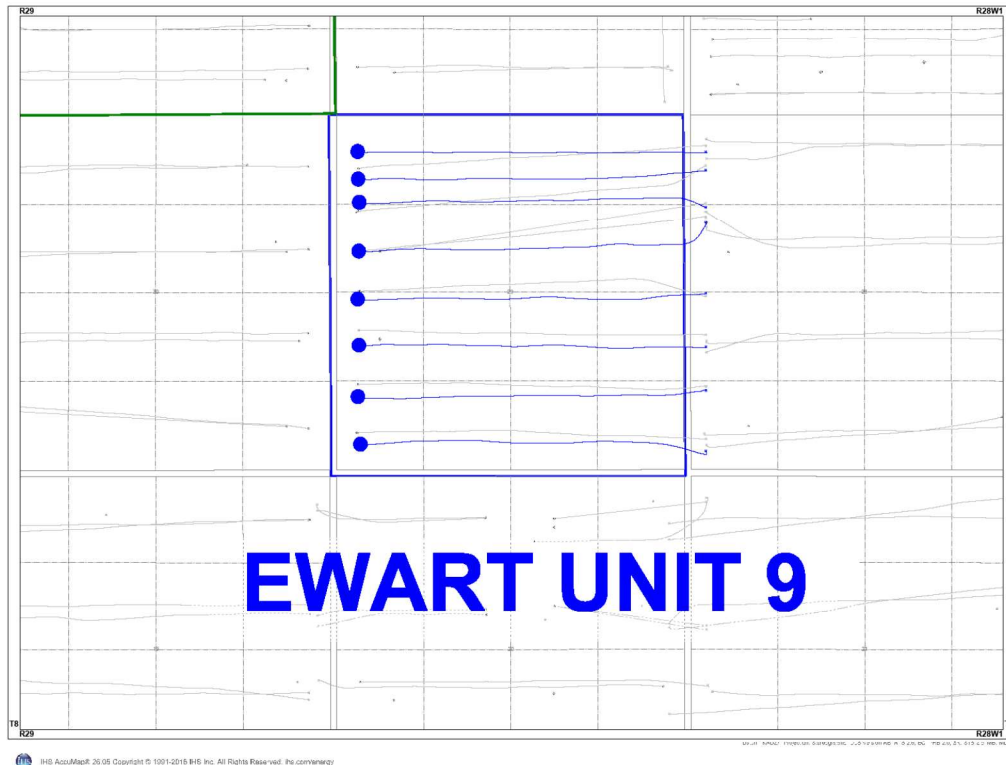
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INTRODUCTION

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 8 horizontal producing wells 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 2015 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 2015, the Unit was producing 69.45 m³/d of oil and 10.46 m³/d of water and had an average WOR of 0.19 m³/m³ in 2015. There is currently no water injection in Ewart Unit No. 9. The rates and WOR are presented in Figure 2.

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

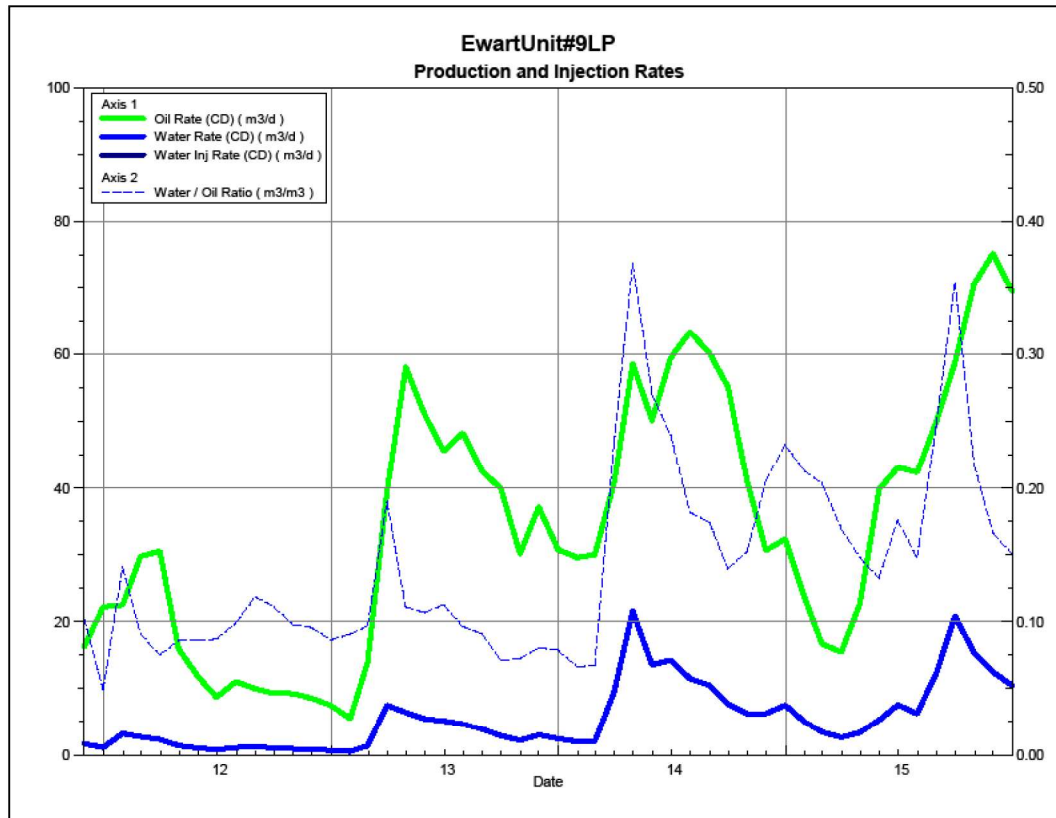
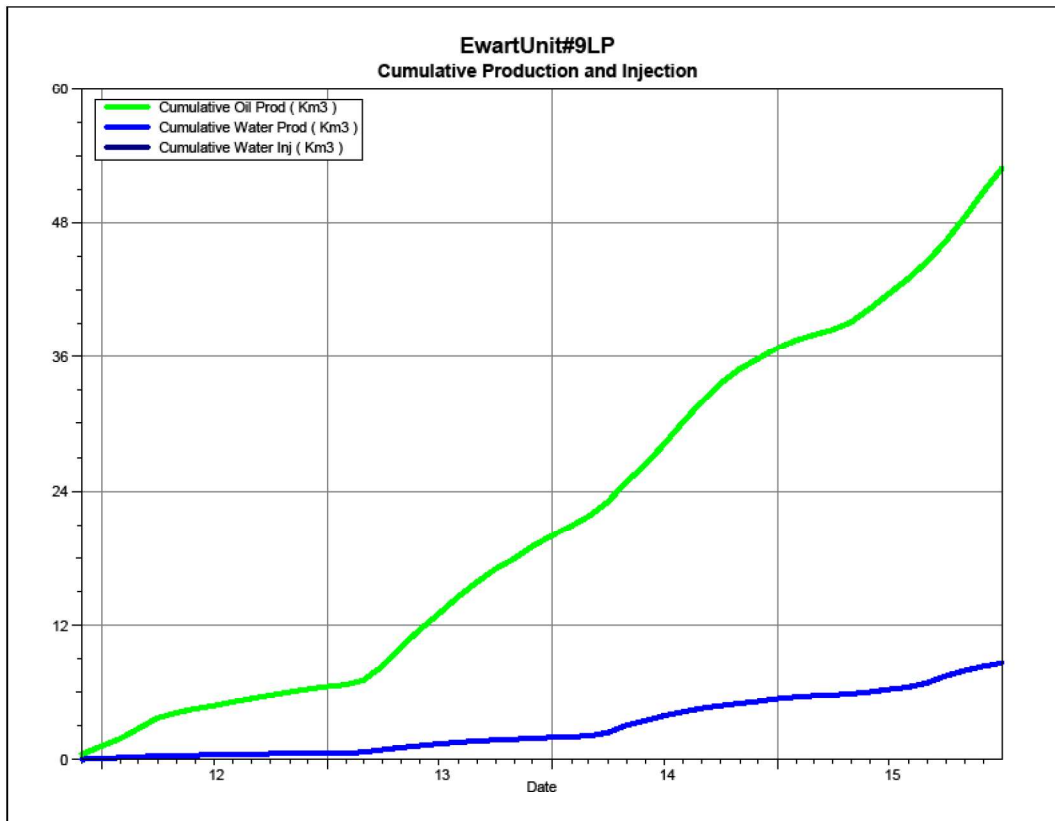


Figure 3 shows the cumulative production for Ewart Unit No. 9 to the end of December 2015 as 52.90 e³m³ of oil and 8.63 e³m³ of water, representing a 1.9% recovery factor of the OOIP.

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 2015. Three (3) water injection wells are required for Ewart Unit No. 9. 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. All of the horizontal wells are fracture stimulated to improve the injection rates. 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. Tundra plans to convert the 04/12-29-008-28W1 producer to an injector in 2016.

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 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

No wellhead injection pressure is available for Ewart Unit No. 9.

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 03/13-29 and 04/13-29-008-28W1 locations (Appendix C).

Well Servicing

No maintenance was required on the 8 wells in Ewart Unit No. 9 in 2015.

Waterflood Performance Discussion

At the end of 2015, there is currently no water injection in Ewart Unit No. 9, therefore, there is no waterflood analysis that can be done at this time. The three (3) proposed water injection wells required for Ewart Unit No. 9, have been drilled and are currently producing at the end of 2015. Conversion of the horizontal wells to water injection wells is anticipated to begin in 2016, with the conversion of the 04/12-29-008-28W1 horizontal well to a water injection well.

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: 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
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
104/12-29-008-28W1/2	04/12-28-008-28W1/2	009169	Capable of OIL Prod
102/13-29-008-28W1/0	02/13-28-008-28W1/0	008217	Capable of OIL Prod
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 2015

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 ^{+m³})	Cum Water (E ^{+m³})	Cum Inj Water (E ^{+m³})	Monthly VRR	Cum VRR
03/05-29-008-28Inj	03/05-29	03/04-29	Capable of Prod	2	04/04-29, 04/05-29	0.5	Mar 2013	-	16.63	1.70	0.1	-	13.8	2.1	0.0	0.0	0.00
04/12-29-008-28Inj	04/12-29	04/12-28	Capable of Prod	2	04/05-29, 03/13-29	0.5	Feb 2013	-	13.30	1.40	0.11	-	13.0	2.0	0.0	0.0	0.00
04/13-29-008-28Inj	04/13-29	04/13-28	Capable of Prod	2	02/13-29, 03/13-29,	0.5	Nov 2011	-	27.90	6.18	0.22	-	11.8	2.7	0.0	0.0	0.00



TUNDRA OIL & GAS PARTNERSHIP

TUNDRA DALY SINCLAIR PROV HZNTL B13B-29-8-28

103/13-29-008-28W1/0

LICENSE #: 9676

LODGEPOLE FORMATION

Open Hole: 890.5 – 2304.0 mKBMD
(770.58 – 782.72 TVD)

RESERVOIR PRESSURE SURVEY DATA
DECEMBER 20th, 2013 – JANUARY 13th, 2014

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
Contact
e-mail
Phone
Site Contact
Site Phone

TUNDRA OIL & GAS PARTNERSHIP
CHRIS [REDACTED]
chris.perkins@tundraoilandgas.com
(204) 748-4434
MARK [REDACTED]
(204) 851-5689

Well Information

Well Name
Unique Well ID
Surface Location
Well License Number
Well Type
Well Fluid Type
Field

TUNDRA DALY SINCLAIR PROV HZNTL B13B-29-8-28
103/13-29-008-28W1/0
13B-28-8-28W1
9676
Horizontal
01 Oil
DALY SINCLAIR

KB Elevation (SL)
CF Elevation (SL)
GL Elevation (SL)
Distance from KB to CF (Log)
KB-GL Offset

499.59 m
495.49 m
495.79 m
4.10 m
3.80 m

Tubing ID
Tubing OD
Tubing Depth(Log KB)
Tubing Depth(TVD KB)
Casing ID
Casing OD
Casing Depth(Log KB)
Casing Depth(TVD KB)
PBTD(Log KB)
PBTD(TVD KB)

mm
mm
m
m
mm
177.8 mm
890.50000 m
770.58000 m
m
m



Pressure Survey Report

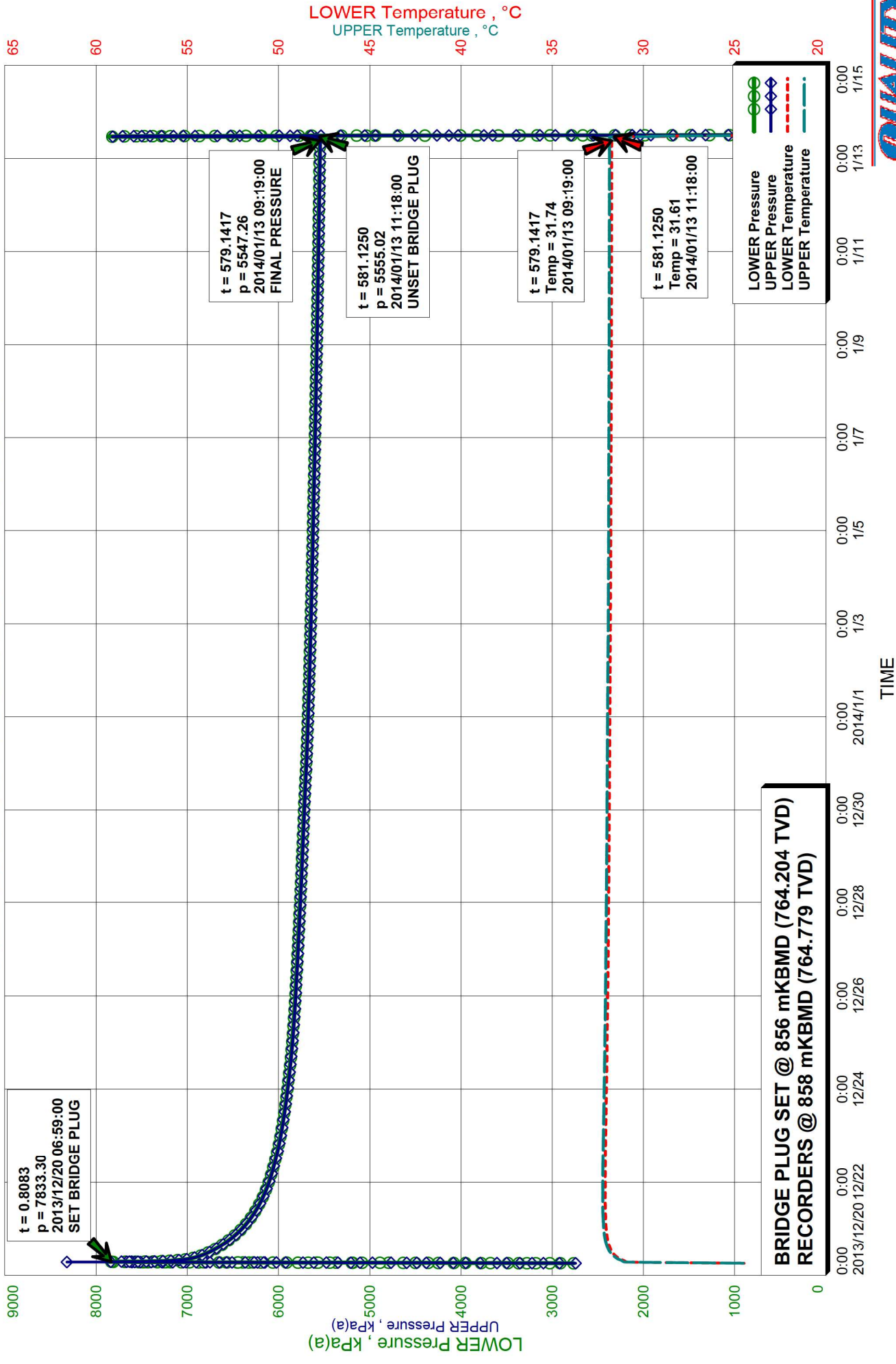
Test Information

Well Name	TUNDRA DALY SINCLAIR PROV HZNTL B13B-29-8-28
Unique Well ID	103/13-29-008-28W1/0
Surface Location	13B-28-8-28W1
Well License Number	9676
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Test Type	RESERVOIR PRESSURE SURVEY
Formation	LODGEPOLE
Well Type	Horizontal
Test/Prod. Interval Top KB (Log)	890.50 m
Test/Prod. Interval Base KB (Log)	2304.00 m
MPP(Log KB)	1597.25 m
Test/Prod Interval Top KB (TVD)	770.58 m
Test/Prod. Interval Base m KB (TVD)	782.72 m
MPP(TVD KB)	776.65 m
Date/Time Gauge on Bottom	2013/12/20 06:56:00
Date/Time Gauge Off Bottom	2014/01/13 11:33:00
Time/Date Well Shut-In	2013/12/20 06:59:00
Tubing Pressure Initial	kPa(a)
Casing Pressure Initial	kPa(a)
Tubing Pressure: Final	kPa(a)
Casing Pressure: Final	kPa(a)
Last Measured Pressure at Run Depth	5547.26 kPa(a)
Reservoir Temperature	31.74 °C
Service Company	Quality Wireline Services Ltd.
Representative	MIKE [REDACTED]
Prepared By	DOLLCO Well Data Services
Qualified By	RICK DOLL
Report Date	2014/01/15

RECORDERS WERE RUN AND PULLED BELOW A BRIDGE PLUG WITH PIPE

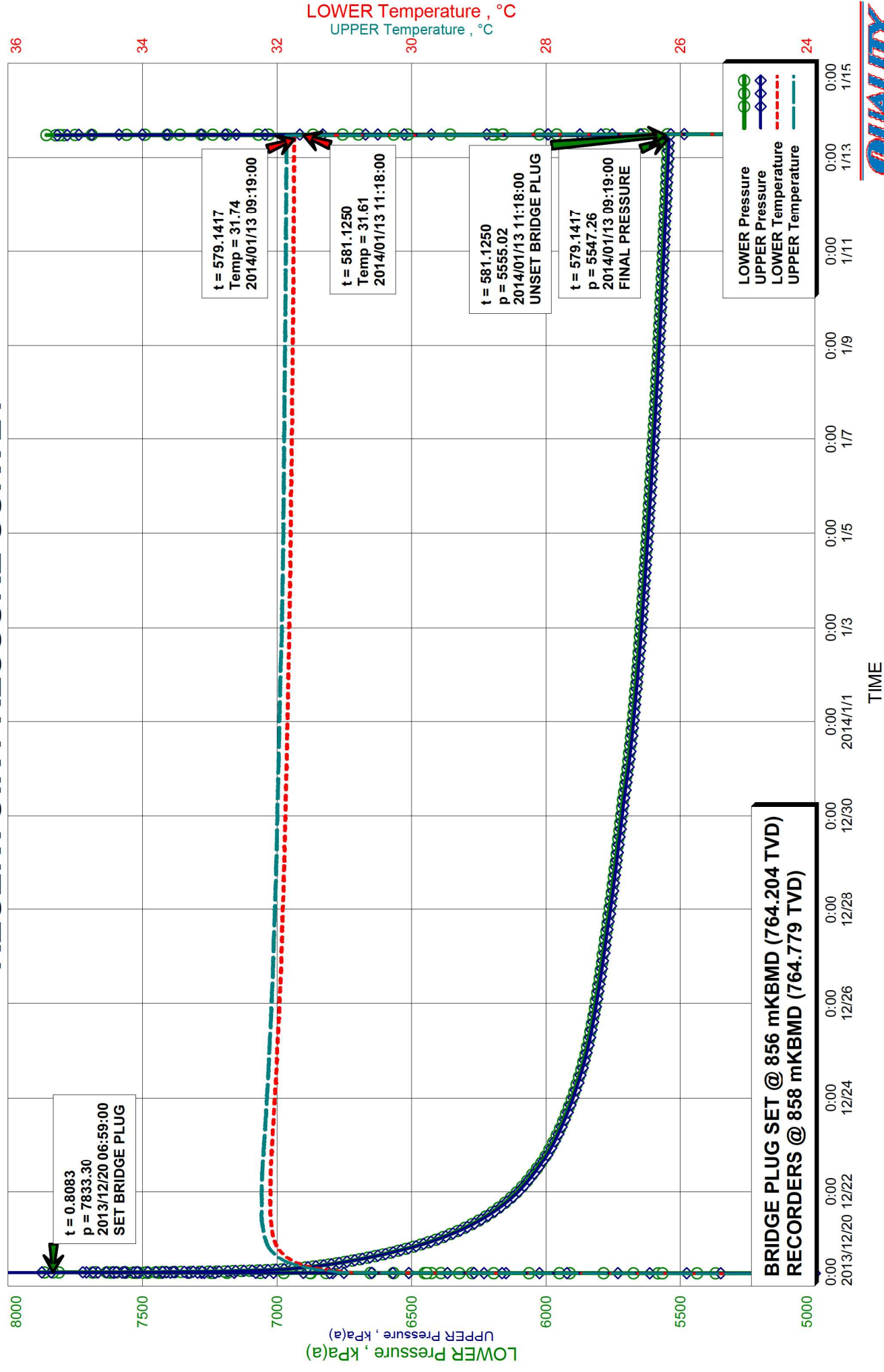


RESERVOIR PRESSURE SURVEY

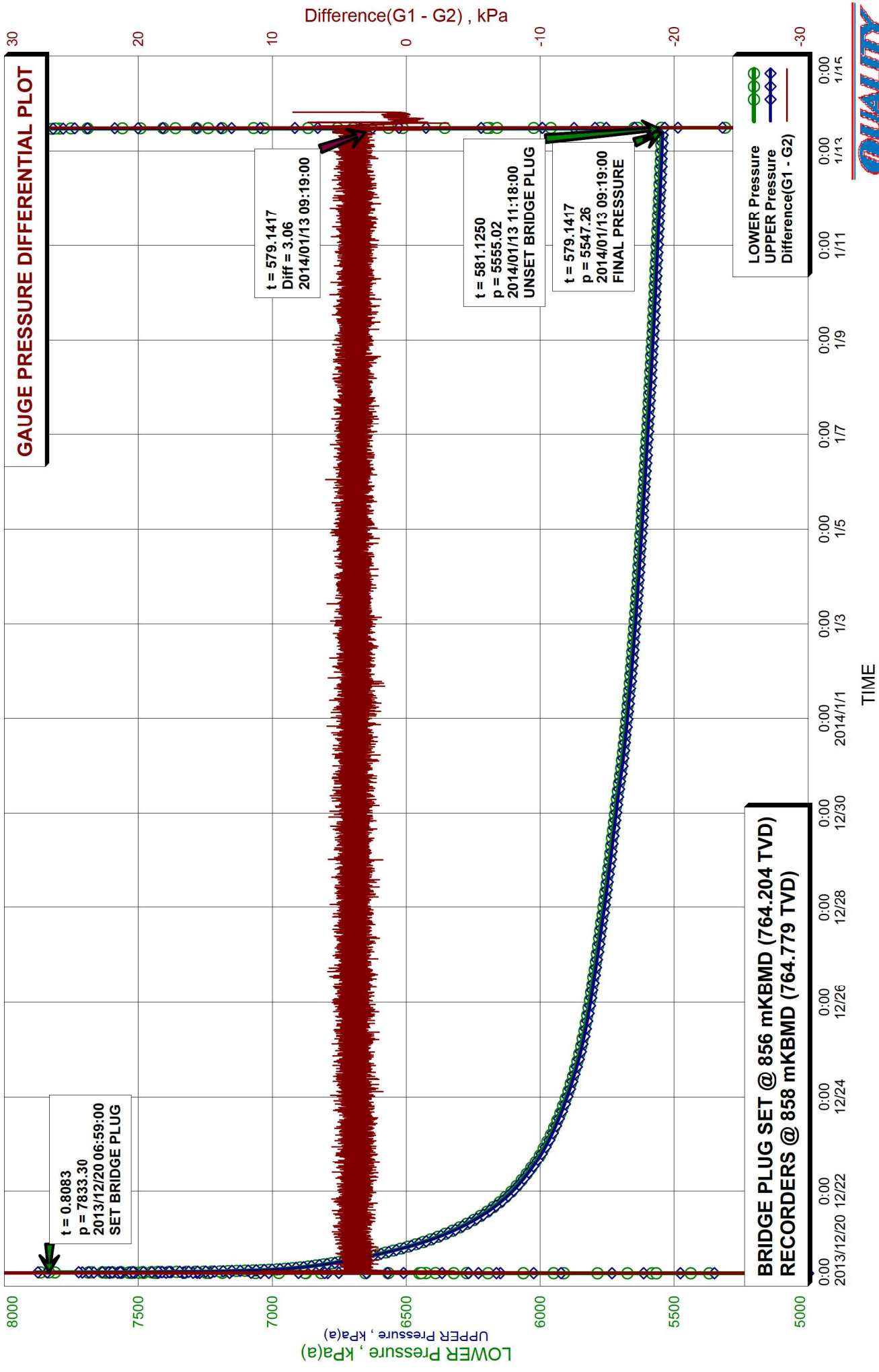


RESERVOIR PRESSURE SURVEY

Start Test Date: 2013/12/20
Final Test Date: 2014/01/13



RESERVOIR PRESSURE SURVEY



Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	103/13-29-008-28W1/0
Well Name	TUNDRA DALY SINCLAIR PROV HZNTL B13B-29-8-28
Formation	LODGEPOLE
Start Test Date	2013/12/20
Final Test Date	2014/01/13

Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	VN8	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	858.00 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2012/10/21	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2013/12/20	Gauge Start Time	06:10:30
Gauge Stop Date	2014/01/13	Gauge Stop Time	19:46:00
Date Gauge On Bottom	2013/12/20	Time Gauge On Bottom	06:56:00
Date Gauge Off Bottom	2014/01/13	Time Gauge Off Bottom	11:33:00

Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	VNH	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	857.70 m	Gauge Model	KC3 STRAIN
Date of Last Calibration	2012/10/21	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2013/12/20	Gauge Start Time	06:10:30
Gauge Stop Date	2014/01/13	Gauge Stop Time	19:46:00
Date Gauge On Bottom	2013/12/20	Time Gauge On Bottom	06:56:00
Date Gauge Off Bottom	2014/01/13	Time Gauge Off Bottom	11:33:00

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C	Diff. G1 - G2 kPa
1	2013/12/20	06:10:30	0.0000	2766.30	24.49	0.0000	2744.38	24.52	21.92
2	2013/12/20	06:10:30	0.0000	RIH, ACTIVATE RECORDERS S/N: VN8(L) & VNH(U)					
3	2013/12/20	06:11:00	0.0083	2772.44	24.56	0.0083	2768.04	24.61	4.40
4	2013/12/20	06:56:00	0.7583	7878.19	30.97	0.7583	7874.74	31.09	3.45
5	2013/12/20	06:56:00	0.7583	ON BOTTOM @ 858 mKBMD (764.779 TVD)					
6	2013/12/20	06:56:30	0.7667	7882.24	30.97	0.7667	7877.47	31.09	4.77
7	2013/12/20	06:59:00	0.8083	7833.30	30.99	0.8083	7722.43	31.10	110.88
8	2013/12/20	06:59:00	0.8083	SET BRIDGE PLUG @ 856 mKBMD (764.204 TVD)					
9	2013/12/20	06:59:30	0.8167	7674.90	30.98	0.8167	7684.58	31.10	-9.68
10	2013/12/20	08:10:30	2.0000	7024.54	31.23	2.0000	7021.26	31.35	3.28
11	2013/12/20	10:10:30	4.0000	6851.24	31.57	4.0000	6846.55	31.66	4.70
12	2013/12/20	12:10:30	6.0000	6751.56	31.73	6.0000	6747.86	31.84	3.71
13	2013/12/20	14:10:30	8.0000	6672.93	31.84	8.0000	6668.61	31.96	4.32
14	2013/12/20	16:10:30	10.0000	6603.87	31.90	10.0000	6599.67	32.03	4.20
15	2013/12/20	18:10:30	12.0000	6543.96	31.96	12.0000	6540.31	32.09	3.65
16	2013/12/20	20:10:30	14.0000	6490.13	32.00	14.0000	6486.43	32.14	3.70
17	2013/12/20	22:10:30	16.0000	6441.52	32.03	16.0000	6437.66	32.16	3.86
18	2013/12/21	00:10:30	18.0000	6398.62	32.05	18.0000	6394.76	32.18	3.86
19	2013/12/21	02:10:30	20.0000	6361.35	32.07	20.0000	6356.54	32.18	4.82
20	2013/12/21	04:10:30	22.0000	6326.52	32.08	22.0000	6322.49	32.21	4.03
21	2013/12/21	06:10:30	24.0000	6295.22	32.07	24.0000	6291.45	32.21	3.76
22	2013/12/21	08:10:30	26.0000	6265.42	32.08	26.0000	6262.75	32.22	2.67
23	2013/12/21	10:10:30	28.0000	6239.13	32.10	28.0000	6236.42	32.24	2.71
24	2013/12/21	12:10:30	30.0000	6216.31	32.09	30.0000	6211.82	32.23	4.50
25	2013/12/21	14:10:30	32.0000	6193.71	32.10	32.0000	6190.56	32.24	3.14
26	2013/12/21	16:10:30	34.0000	6173.32	32.10	34.0000	6168.93	32.22	4.39
27	2013/12/21	18:10:30	36.0000	6154.50	32.10	36.0000	6150.18	32.22	4.32
28	2013/12/21	20:10:30	38.0000	6137.10	32.10	38.0000	6133.18	32.23	3.92
29	2013/12/21	22:10:30	40.0000	6120.77	32.10	40.0000	6116.54	32.23	4.23
30	2013/12/22	00:10:30	42.0000	6105.54	32.10	42.0000	6101.68	32.24	3.86
31	2013/12/22	02:10:30	44.0000	6091.35	32.10	44.0000	6087.33	32.23	4.02
32	2013/12/22	04:10:30	46.0000	6078.60	32.09	46.0000	6074.82	32.23	3.79
33	2013/12/22	06:10:30	48.0000	6066.67	32.10	48.0000	6062.43	32.22	4.24
34	2013/12/22	08:10:30	50.0000	6054.39	32.09	50.0000	6050.32	32.22	4.07
35	2013/12/22	10:10:30	52.0000	6043.22	32.09	52.0000	6039.33	32.22	3.89
36	2013/12/22	12:10:30	54.0000	6032.22	32.09	54.0000	6028.25	32.22	3.96
37	2013/12/22	14:10:30	56.0000	6021.77	32.09	56.0000	6018.01	32.22	3.76
38	2013/12/22	16:10:30	58.0000	6012.14	32.09	58.0000	6008.68	32.20	3.46
39	2013/12/22	18:10:30	60.0000	6003.78	32.09	60.0000	5999.82	32.21	3.96
40	2013/12/22	20:10:30	62.0000	5994.48	32.08	62.0000	5990.96	32.20	3.51

LOWER Serial Number: VN8 Start Date: 2013/12/20 06:10:30 Run Depth: 858.00

UPPER Serial Number: VNH Start Date: 2013/12/20 06:10:30 Run Depth: 857.70

Print Filter: Print every 2 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C	Diff. G1 - G2 kPa
41	2013/12/22	22:10:30	64.0000	5986.44	32.08	64.0000	5982.67	32.20	3.77
42	2013/12/23	00:10:30	66.0000	5978.57	32.08	66.0000	5974.37	32.19	4.21
43	2013/12/23	02:10:30	68.0000	5970.37	32.07	68.0000	5966.76	32.19	3.61
44	2013/12/23	04:10:30	70.0000	5963.04	32.07	70.0000	5959.72	32.19	3.32
45	2013/12/23	06:10:30	72.0000	5956.11	32.07	72.0000	5951.77	32.18	4.35
46	2013/12/23	08:10:30	74.0000	5949.79	32.06	74.0000	5945.97	32.18	3.81
47	2013/12/23	10:10:30	76.0000	5943.39	32.06	76.0000	5939.02	32.17	4.37
48	2013/12/23	12:10:30	78.0000	5936.31	32.05	78.0000	5933.19	32.17	3.12
49	2013/12/23	14:10:30	80.0000	5930.29	32.05	80.0000	5925.92	32.17	4.36
50	2013/12/23	16:10:30	82.0000	5924.33	32.05	82.0000	5921.13	32.16	3.20
51	2013/12/23	18:10:30	84.0000	5918.52	32.05	84.0000	5915.14	32.17	3.38
52	2013/12/23	20:10:30	86.0000	5912.80	32.04	86.0000	5909.17	32.16	3.63
53	2013/12/23	22:10:30	88.0000	5906.98	32.04	88.0000	5903.85	32.16	3.13
54	2013/12/24	00:10:30	90.0000	5902.78	32.04	90.0000	5898.54	32.14	4.25
55	2013/12/24	02:10:30	92.0000	5896.71	32.02	92.0000	5893.67	32.15	3.03
56	2013/12/24	04:10:30	94.0000	5891.92	32.02	94.0000	5888.45	32.14	3.47
57	2013/12/24	06:10:30	96.0000	5888.12	32.02	96.0000	5884.20	32.14	3.92
58	2013/12/24	08:10:30	98.0000	5883.18	32.01	98.0000	5878.99	32.14	4.19
59	2013/12/24	10:10:30	100.0000	5878.38	32.02	100.0000	5875.65	32.14	2.73
60	2013/12/24	12:10:30	102.0000	5874.00	32.02	102.0000	5869.83	32.13	4.16
61	2013/12/24	14:10:30	104.0000	5870.44	32.01	104.0000	5865.52	32.13	4.92
62	2013/12/24	16:10:30	106.0000	5865.32	32.01	106.0000	5861.55	32.13	3.77
63	2013/12/24	18:10:30	108.0000	5861.11	32.00	108.0000	5857.77	32.12	3.34
64	2013/12/24	20:10:30	110.0000	5857.47	32.00	110.0000	5853.27	32.12	4.21
65	2013/12/24	22:10:30	112.0000	5853.32	32.00	112.0000	5849.62	32.12	3.70
66	2013/12/25	00:10:30	114.0000	5850.31	32.00	114.0000	5846.67	32.12	3.63
67	2013/12/25	02:10:30	116.0000	5846.84	31.99	116.0000	5843.09	32.12	3.74
68	2013/12/25	04:10:30	118.0000	5843.63	31.99	118.0000	5839.56	32.11	4.07
69	2013/12/25	06:10:30	120.0000	5840.03	31.98	120.0000	5836.49	32.10	3.55
70	2013/12/25	08:10:30	122.0000	5837.30	31.99	122.0000	5833.81	32.11	3.48
71	2013/12/25	10:10:30	124.0000	5834.22	31.99	124.0000	5830.62	32.10	3.60
72	2013/12/25	12:10:30	126.0000	5830.84	31.98	126.0000	5827.43	32.09	3.41
73	2013/12/25	14:10:30	128.0000	5829.01	31.98	128.0000	5824.90	32.09	4.11
74	2013/12/25	16:10:30	130.0000	5825.54	31.97	130.0000	5821.49	32.09	4.04
75	2013/12/25	18:10:30	132.0000	5822.78	31.97	132.0000	5818.96	32.09	3.82
76	2013/12/25	20:10:30	134.0000	5821.00	31.97	134.0000	5817.58	32.08	3.42
77	2013/12/25	22:10:30	136.0000	5818.45	31.97	136.0000	5814.19	32.08	4.26
78	2013/12/26	00:10:30	138.0000	5815.88	31.97	138.0000	5812.12	32.08	3.77
79	2013/12/26	02:10:30	140.0000	5812.99	31.96	140.0000	5809.49	32.08	3.50
80	2013/12/26	04:10:30	142.0000	5811.25	31.95	142.0000	5807.08	32.08	4.17

LOWER Serial Number: VN8 Start Date: 2013/12/20 06:10:30 Run Depth: 858.00

UPPER Serial Number: VNH Start Date: 2013/12/20 06:10:30 Run Depth: 857.70

Print Filter: Print every 2 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C	Diff. G1 - G2 kPa
81	2013/12/26	06:10:30	144.0000	5808.93	31.96	144.0000	5805.10	32.08	3.83
82	2013/12/26	08:10:30	146.0000	5806.91	31.96	146.0000	5802.93	32.08	3.98
83	2013/12/26	10:10:30	148.0000	5804.81	31.96	148.0000	5800.19	32.07	4.62
84	2013/12/26	12:10:30	150.0000	5802.32	31.94	150.0000	5798.93	32.07	3.39
85	2013/12/26	14:10:30	152.0000	5800.53	31.95	152.0000	5796.30	32.06	4.24
86	2013/12/26	16:10:30	154.0000	5797.56	31.94	154.0000	5793.66	32.06	3.90
87	2013/12/26	18:10:30	156.0000	5795.76	31.94	156.0000	5791.26	32.05	4.50
88	2013/12/26	20:10:30	158.0000	5793.62	31.94	158.0000	5789.02	32.06	4.59
89	2013/12/26	22:10:30	160.0000	5791.01	31.94	160.0000	5787.58	32.07	3.44
90	2013/12/27	00:10:30	162.0000	5789.19	31.93	162.0000	5784.21	32.05	4.98
91	2013/12/27	02:10:30	164.0000	5786.96	31.93	164.0000	5783.46	32.06	3.50
92	2013/12/27	04:10:30	166.0000	5784.36	31.94	166.0000	5781.12	32.06	3.23
93	2013/12/27	06:10:30	168.0000	5782.94	31.93	168.0000	5778.28	32.06	4.66
94	2013/12/27	08:10:30	170.0000	5780.51	31.93	170.0000	5776.71	32.05	3.80
95	2013/12/27	10:10:30	172.0000	5778.73	31.93	172.0000	5774.45	32.05	4.28
96	2013/12/27	12:10:30	174.0000	5776.31	31.92	174.0000	5772.06	32.04	4.24
97	2013/12/27	14:10:30	176.0000	5774.70	31.93	176.0000	5770.57	32.04	4.13
98	2013/12/27	16:10:30	178.0000	5772.50	31.93	178.0000	5768.38	32.04	4.12
99	2013/12/27	18:10:30	180.0000	5770.37	31.92	180.0000	5765.73	32.02	4.64
100	2013/12/27	20:10:30	182.0000	5767.99	31.92	182.0000	5764.60	32.03	3.39
101	2013/12/27	22:10:30	184.0000	5765.20	31.92	184.0000	5761.28	32.03	3.92
102	2013/12/28	00:10:30	186.0000	5764.04	31.92	186.0000	5760.66	32.03	3.39
103	2013/12/28	02:10:30	188.0000	5761.48	31.91	188.0000	5757.00	32.03	4.48
104	2013/12/28	04:10:30	190.0000	5759.82	31.92	190.0000	5755.45	32.03	4.36
105	2013/12/28	06:10:30	192.0000	5757.08	31.91	192.0000	5753.76	32.03	3.32
106	2013/12/28	08:10:30	194.0000	5756.70	31.91	194.0000	5751.54	32.03	5.16
107	2013/12/28	10:10:30	196.0000	5754.29	31.90	196.0000	5749.94	32.02	4.35
108	2013/12/28	12:10:30	198.0000	5751.87	31.90	198.0000	5748.20	32.02	3.67
109	2013/12/28	14:10:30	200.0000	5750.03	31.91	200.0000	5745.89	32.02	4.14
110	2013/12/28	16:10:30	202.0000	5747.91	31.91	202.0000	5744.43	32.02	3.48
111	2013/12/28	18:10:30	204.0000	5746.43	31.90	204.0000	5742.21	32.02	4.21
112	2013/12/28	20:10:30	206.0000	5744.55	31.90	206.0000	5740.00	32.01	4.55
113	2013/12/28	22:10:30	208.0000	5743.40	31.90	208.0000	5738.95	32.01	4.45
114	2013/12/29	00:10:30	210.0000	5741.01	31.90	210.0000	5737.08	32.01	3.93
115	2013/12/29	02:10:30	212.0000	5739.51	31.89	212.0000	5735.06	32.00	4.45
116	2013/12/29	04:10:30	214.0000	5738.04	31.89	214.0000	5733.84	32.01	4.21
117	2013/12/29	06:10:30	216.0000	5736.05	31.88	216.0000	5732.11	32.01	3.94
118	2013/12/29	08:10:30	218.0000	5734.31	31.89	218.0000	5730.25	32.01	4.06
119	2013/12/29	10:10:30	220.0000	5733.12	31.89	220.0000	5728.99	32.01	4.13
120	2013/12/29	12:10:30	222.0000	5730.97	31.88	222.0000	5726.65	32.01	4.33

LOWER Serial Number: VN8 Start Date: 2013/12/20 06:10:30 Run Depth: 858.00

UPPER Serial Number: VNH Start Date: 2013/12/20 06:10:30 Run Depth: 857.70

Print Filter: Print every 2 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C	Diff. G1 - G2 kPa
121	2013/12/29	14:10:30	224.0000	5729.56	31.88	224.0000	5725.16	32.01	4.41
122	2013/12/29	16:10:30	226.0000	5727.21	31.88	226.0000	5723.22	32.00	3.99
123	2013/12/29	18:10:30	228.0000	5725.34	31.88	228.0000	5721.52	32.00	3.82
124	2013/12/29	20:10:30	230.0000	5723.41	31.87	230.0000	5719.86	32.00	3.56
125	2013/12/29	22:10:30	232.0000	5721.87	31.88	232.0000	5718.13	32.00	3.74
126	2013/12/30	00:10:30	234.0000	5720.13	31.87	234.0000	5715.90	32.00	4.23
127	2013/12/30	02:10:30	236.0000	5718.43	31.88	236.0000	5714.11	32.00	4.32
128	2013/12/30	04:10:30	238.0000	5717.13	31.87	238.0000	5713.04	32.00	4.09
129	2013/12/30	06:10:30	240.0000	5715.47	31.87	240.0000	5711.04	32.00	4.43
130	2013/12/30	08:10:30	242.0000	5712.85	31.88	242.0000	5709.32	31.99	3.53
131	2013/12/30	10:10:30	244.0000	5711.60	31.87	244.0000	5707.59	31.99	4.01
132	2013/12/30	12:10:30	246.0000	5709.75	31.87	246.0000	5705.60	31.99	4.15
133	2013/12/30	14:10:30	248.0000	5707.67	31.87	248.0000	5703.23	31.98	4.44
134	2013/12/30	16:10:30	250.0000	5704.97	31.87	250.0000	5701.12	31.98	3.85
135	2013/12/30	18:10:30	252.0000	5702.66	31.86	252.0000	5698.97	31.98	3.69
136	2013/12/30	20:10:30	254.0000	5701.78	31.86	254.0000	5697.12	31.98	4.66
137	2013/12/30	22:10:30	256.0000	5699.53	31.86	256.0000	5694.66	31.97	4.86
138	2013/12/31	00:10:30	258.0000	5696.36	31.87	258.0000	5692.85	31.98	3.51
139	2013/12/31	02:10:30	260.0000	5694.91	31.85	260.0000	5691.20	31.98	3.71
140	2013/12/31	04:10:30	262.0000	5693.28	31.85	262.0000	5689.66	31.98	3.62
141	2013/12/31	06:10:30	264.0000	5691.84	31.86	264.0000	5688.07	31.97	3.77
142	2013/12/31	08:10:30	266.0000	5689.46	31.85	266.0000	5686.10	31.97	3.36
143	2013/12/31	10:10:30	268.0000	5688.44	31.85	268.0000	5684.14	31.98	4.30
144	2013/12/31	12:10:30	270.0000	5686.40	31.86	270.0000	5683.94	31.97	2.45
145	2013/12/31	14:10:30	272.0000	5685.03	31.84	272.0000	5681.36	31.97	3.67
146	2013/12/31	16:10:30	274.0000	5684.21	31.85	274.0000	5679.68	31.97	4.53
147	2013/12/31	18:10:30	276.0000	5682.36	31.85	276.0000	5678.35	31.97	4.00
148	2013/12/31	20:10:30	278.0000	5679.94	31.85	278.0000	5676.75	31.97	3.19
149	2013/12/31	22:10:30	280.0000	5678.63	31.84	280.0000	5675.27	31.97	3.35
150	2014/01/01	00:10:30	282.0000	5678.60	31.84	282.0000	5674.22	31.97	4.38
151	2014/01/01	02:10:30	284.0000	5675.99	31.85	284.0000	5672.30	31.97	3.69
152	2014/01/01	04:10:30	286.0000	5675.09	31.85	286.0000	5670.84	31.96	4.25
153	2014/01/01	06:10:30	288.0000	5673.99	31.84	288.0000	5669.21	31.96	4.78
154	2014/01/01	08:10:30	290.0000	5672.15	31.84	290.0000	5668.44	31.96	3.71
155	2014/01/01	10:10:30	292.0000	5671.11	31.84	292.0000	5666.69	31.96	4.41
156	2014/01/01	12:10:30	294.0000	5669.93	31.84	294.0000	5666.16	31.96	3.78
157	2014/01/01	14:10:30	296.0000	5668.35	31.84	296.0000	5664.50	31.96	3.86
158	2014/01/01	16:10:30	298.0000	5667.36	31.84	298.0000	5662.40	31.96	4.95
159	2014/01/01	18:10:30	300.0000	5665.80	31.84	300.0000	5662.02	31.95	3.78
160	2014/01/01	20:10:30	302.0000	5663.97	31.83	302.0000	5660.77	31.94	3.20

LOWER Serial Number: VN8 Start Date: 2013/12/20 06:10:30 Run Depth: 858.00

UPPER Serial Number: VNH Start Date: 2013/12/20 06:10:30 Run Depth: 857.70

Print Filter: Print every 2 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C	Diff. G1 - G2 kPa
161	2014/01/01	22:10:30	304.0000	5663.62	31.83	304.0000	5659.50	31.94	4.12
162	2014/01/02	00:10:30	306.0000	5662.22	31.84	306.0000	5658.57	31.95	3.65
163	2014/01/02	02:10:30	308.0000	5660.80	31.82	308.0000	5656.56	31.95	4.24
164	2014/01/02	04:10:30	310.0000	5659.41	31.83	310.0000	5656.54	31.95	2.87
165	2014/01/02	06:10:30	312.0000	5658.85	31.82	312.0000	5654.78	31.95	4.07
166	2014/01/02	08:10:30	314.0000	5657.80	31.83	314.0000	5653.74	31.94	4.06
167	2014/01/02	10:10:30	316.0000	5656.46	31.83	316.0000	5652.36	31.94	4.10
168	2014/01/02	12:10:30	318.0000	5655.17	31.82	318.0000	5651.32	31.94	3.85
169	2014/01/02	14:10:30	320.0000	5654.02	31.82	320.0000	5650.30	31.94	3.73
170	2014/01/02	16:10:30	322.0000	5652.59	31.81	322.0000	5649.12	31.94	3.47
171	2014/01/02	18:10:30	324.0000	5651.15	31.81	324.0000	5648.14	31.94	3.00
172	2014/01/02	20:10:30	326.0000	5650.52	31.82	326.0000	5646.77	31.93	3.75
173	2014/01/02	22:10:30	328.0000	5649.13	31.82	328.0000	5645.91	31.93	3.22
174	2014/01/03	00:10:30	330.0000	5648.33	31.81	330.0000	5644.17	31.92	4.16
175	2014/01/03	02:10:30	332.0000	5647.46	31.81	332.0000	5643.30	31.92	4.16
176	2014/01/03	04:10:30	334.0000	5645.49	31.81	334.0000	5642.59	31.93	2.90
177	2014/01/03	06:10:30	336.0000	5644.51	31.81	336.0000	5640.94	31.92	3.57
178	2014/01/03	08:10:30	338.0000	5644.46	31.82	338.0000	5639.87	31.93	4.59
179	2014/01/03	10:10:30	340.0000	5643.60	31.82	340.0000	5637.70	31.92	5.91
180	2014/01/03	12:10:30	342.0000	5641.14	31.81	342.0000	5638.05	31.92	3.09
181	2014/01/03	14:10:30	344.0000	5640.20	31.80	344.0000	5637.52	31.92	2.68
182	2014/01/03	16:10:30	346.0000	5639.83	31.82	346.0000	5636.55	31.92	3.28
183	2014/01/03	18:10:30	348.0000	5638.47	31.81	348.0000	5634.40	31.92	4.07
184	2014/01/03	20:10:30	350.0000	5637.84	31.81	350.0000	5633.95	31.92	3.90
185	2014/01/03	22:10:30	352.0000	5636.60	31.81	352.0000	5632.01	31.92	4.59
186	2014/01/04	00:10:30	354.0000	5635.69	31.81	354.0000	5631.41	31.92	4.28
187	2014/01/04	02:10:30	356.0000	5634.38	31.81	356.0000	5630.95	31.91	3.43
188	2014/01/04	04:10:30	358.0000	5634.19	31.80	358.0000	5629.67	31.91	4.52
189	2014/01/04	06:10:30	360.0000	5632.89	31.80	360.0000	5628.65	31.92	4.24
190	2014/01/04	08:10:30	362.0000	5632.27	31.81	362.0000	5628.09	31.91	4.18
191	2014/01/04	10:10:30	364.0000	5630.69	31.80	364.0000	5627.15	31.91	3.54
192	2014/01/04	12:10:30	366.0000	5630.24	31.80	366.0000	5625.65	31.91	4.58
193	2014/01/04	14:10:30	368.0000	5628.03	31.80	368.0000	5625.10	31.91	2.94
194	2014/01/04	16:10:30	370.0000	5627.40	31.80	370.0000	5624.21	31.91	3.19
195	2014/01/04	18:10:30	372.0000	5627.27	31.80	372.0000	5623.06	31.92	4.20
196	2014/01/04	20:10:30	374.0000	5625.31	31.79	374.0000	5622.37	31.92	2.94
197	2014/01/04	22:10:30	376.0000	5624.45	31.80	376.0000	5620.83	31.91	3.62
198	2014/01/05	00:10:30	378.0000	5624.05	31.80	378.0000	5620.93	31.91	3.12
199	2014/01/05	02:10:30	380.0000	5623.45	31.80	380.0000	5619.31	31.92	4.14
200	2014/01/05	04:10:30	382.0000	5621.80	31.80	382.0000	5618.35	31.91	3.45

LOWER Serial Number: VN8 Start Date: 2013/12/20 06:10:30 Run Depth: 858.00

UPPER Serial Number: VNH Start Date: 2013/12/20 06:10:30 Run Depth: 857.70

Print Filter: Print every 2 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C	Diff. G1 - G2 kPa
201	2014/01/05	06:10:30	384.0000	5621.67	31.79	384.0000	5617.70	31.90	3.96
202	2014/01/05	08:10:30	386.0000	5621.13	31.80	386.0000	5616.38	31.91	4.75
203	2014/01/05	10:10:30	388.0000	5619.38	31.79	388.0000	5615.94	31.91	3.44
204	2014/01/05	12:10:30	390.0000	5618.15	31.79	390.0000	5614.61	31.90	3.54
205	2014/01/05	14:10:30	392.0000	5617.37	31.79	392.0000	5613.66	31.90	3.71
206	2014/01/05	16:10:30	394.0000	5616.75	31.80	394.0000	5611.95	31.90	4.79
207	2014/01/05	18:10:30	396.0000	5615.68	31.79	396.0000	5611.74	31.90	3.93
208	2014/01/05	20:10:30	398.0000	5614.53	31.79	398.0000	5610.35	31.90	4.18
209	2014/01/05	22:10:30	400.0000	5613.56	31.78	400.0000	5609.48	31.90	4.08
210	2014/01/06	00:10:30	402.0000	5612.77	31.79	402.0000	5609.62	31.90	3.15
211	2014/01/06	02:10:30	404.0000	5611.78	31.78	404.0000	5607.91	31.90	3.87
212	2014/01/06	04:10:30	406.0000	5611.47	31.78	406.0000	5607.47	31.90	4.00
213	2014/01/06	06:10:30	408.0000	5609.86	31.79	408.0000	5606.18	31.90	3.67
214	2014/01/06	08:10:30	410.0000	5609.21	31.79	410.0000	5605.37	31.90	3.84
215	2014/01/06	10:10:30	412.0000	5608.75	31.78	412.0000	5604.31	31.90	4.44
216	2014/01/06	12:10:30	414.0000	5607.19	31.79	414.0000	5603.29	31.90	3.90
217	2014/01/06	14:10:30	416.0000	5606.93	31.78	416.0000	5601.82	31.89	5.11
218	2014/01/06	16:10:30	418.0000	5604.71	31.77	418.0000	5601.74	31.90	2.97
219	2014/01/06	18:10:30	420.0000	5605.05	31.78	420.0000	5601.17	31.89	3.88
220	2014/01/06	20:10:30	422.0000	5604.34	31.79	422.0000	5599.98	31.89	4.37
221	2014/01/06	22:10:30	424.0000	5602.98	31.79	424.0000	5598.94	31.89	4.03
222	2014/01/07	00:10:30	426.0000	5602.13	31.78	426.0000	5597.82	31.90	4.30
223	2014/01/07	02:10:30	428.0000	5601.78	31.78	428.0000	5597.34	31.90	4.44
224	2014/01/07	04:10:30	430.0000	5600.04	31.77	430.0000	5596.63	31.90	3.41
225	2014/01/07	06:10:30	432.0000	5598.86	31.78	432.0000	5595.63	31.89	3.23
226	2014/01/07	08:10:30	434.0000	5598.57	31.78	434.0000	5594.13	31.90	4.44
227	2014/01/07	10:10:30	436.0000	5597.82	31.77	436.0000	5594.59	31.90	3.23
228	2014/01/07	12:10:30	438.0000	5597.00	31.77	438.0000	5593.02	31.89	3.98
229	2014/01/07	14:10:30	440.0000	5596.31	31.78	440.0000	5592.13	31.89	4.18
230	2014/01/07	16:10:30	442.0000	5594.99	31.78	442.0000	5591.27	31.89	3.72
231	2014/01/07	18:10:30	444.0000	5594.54	31.78	444.0000	5591.18	31.89	3.36
232	2014/01/07	20:10:30	446.0000	5593.78	31.78	446.0000	5590.09	31.88	3.69
233	2014/01/07	22:10:30	448.0000	5593.44	31.77	448.0000	5588.53	31.89	4.91
234	2014/01/08	00:10:30	450.0000	5592.69	31.78	450.0000	5588.40	31.88	4.30
235	2014/01/08	02:10:30	452.0000	5590.99	31.78	452.0000	5587.15	31.89	3.84
236	2014/01/08	04:10:30	454.0000	5590.47	31.78	454.0000	5586.95	31.89	3.52
237	2014/01/08	06:10:30	456.0000	5589.84	31.77	456.0000	5586.00	31.88	3.84
238	2014/01/08	08:10:30	458.0000	5588.05	31.77	458.0000	5585.18	31.89	2.88
239	2014/01/08	10:10:30	460.0000	5588.37	31.77	460.0000	5584.29	31.89	4.08
240	2014/01/08	12:10:30	462.0000	5587.44	31.76	462.0000	5582.59	31.89	4.85

LOWER Serial Number: VN8 Start Date: 2013/12/20 06:10:30 Run Depth: 858.00

UPPER Serial Number: VNH Start Date: 2013/12/20 06:10:30 Run Depth: 857.70

Print Filter: Print every 2 hour

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C	Diff. G1 - G2 kPa
241	2014/01/08	14:10:30	464.0000	5586.15	31.76	464.0000	5582.21	31.88	3.94
242	2014/01/08	16:10:30	466.0000	5585.20	31.76	466.0000	5581.38	31.89	3.82
243	2014/01/08	18:10:30	468.0000	5584.35	31.77	468.0000	5581.16	31.89	3.19
244	2014/01/08	20:10:30	470.0000	5583.75	31.76	470.0000	5579.98	31.89	3.77
245	2014/01/08	22:10:30	472.0000	5582.73	31.76	472.0000	5579.54	31.89	3.20
246	2014/01/09	00:10:30	474.0000	5582.16	31.77	474.0000	5578.52	31.89	3.65
247	2014/01/09	02:10:30	476.0000	5581.93	31.76	476.0000	5577.16	31.88	4.77
248	2014/01/09	04:10:30	478.0000	5580.49	31.77	478.0000	5577.08	31.88	3.41
249	2014/01/09	06:10:30	480.0000	5580.46	31.76	480.0000	5575.94	31.88	4.52
250	2014/01/09	08:10:30	482.0000	5579.09	31.77	482.0000	5575.50	31.89	3.58
251	2014/01/09	10:10:30	484.0000	5578.55	31.77	484.0000	5574.90	31.88	3.65
252	2014/01/09	12:10:30	486.0000	5577.72	31.76	486.0000	5573.49	31.88	4.24
253	2014/01/09	14:10:30	488.0000	5576.07	31.76	488.0000	5573.94	31.87	2.13
254	2014/01/09	16:10:30	490.0000	5576.30	31.76	490.0000	5573.20	31.87	3.10
255	2014/01/09	18:10:30	492.0000	5575.25	31.76	492.0000	5571.78	31.88	3.47
256	2014/01/09	20:10:30	494.0000	5574.55	31.76	494.0000	5570.54	31.88	4.01
257	2014/01/09	22:10:30	496.0000	5574.32	31.76	496.0000	5570.04	31.87	4.28
258	2014/01/10	00:10:30	498.0000	5573.53	31.77	498.0000	5569.07	31.88	4.45
259	2014/01/10	02:10:30	500.0000	5572.70	31.77	500.0000	5568.52	31.87	4.18
260	2014/01/10	04:10:30	502.0000	5571.64	31.75	502.0000	5568.45	31.87	3.19
261	2014/01/10	06:10:30	504.0000	5571.06	31.75	504.0000	5566.97	31.88	4.09
262	2014/01/10	08:10:30	506.0000	5570.46	31.76	506.0000	5566.36	31.88	4.10
263	2014/01/10	10:10:30	508.0000	5569.68	31.76	508.0000	5566.13	31.88	3.54
264	2014/01/10	12:10:30	510.0000	5569.86	31.76	510.0000	5565.62	31.88	4.24
265	2014/01/10	14:10:30	512.0000	5569.26	31.76	512.0000	5564.31	31.88	4.95
266	2014/01/10	16:10:30	514.0000	5567.93	31.76	514.0000	5563.96	31.87	3.96
267	2014/01/10	18:10:30	516.0000	5566.61	31.76	516.0000	5563.37	31.87	3.24
268	2014/01/10	20:10:30	518.0000	5565.92	31.76	518.0000	5562.55	31.87	3.37
269	2014/01/10	22:10:30	520.0000	5565.56	31.75	520.0000	5562.01	31.87	3.54
270	2014/01/11	00:10:30	522.0000	5565.21	31.75	522.0000	5561.46	31.87	3.75
271	2014/01/11	02:10:30	524.0000	5563.84	31.76	524.0000	5561.11	31.87	2.73
272	2014/01/11	04:10:30	526.0000	5563.27	31.76	526.0000	5559.91	31.87	3.36
273	2014/01/11	06:10:30	528.0000	5562.83	31.75	528.0000	5559.18	31.87	3.66
274	2014/01/11	08:10:30	530.0000	5561.90	31.75	530.0000	5557.67	31.87	4.23
275	2014/01/11	10:10:30	532.0000	5561.60	31.76	532.0000	5556.99	31.87	4.61
276	2014/01/11	12:10:30	534.0000	5561.14	31.76	534.0000	5556.33	31.87	4.81
277	2014/01/11	14:10:30	536.0000	5560.40	31.76	536.0000	5556.13	31.87	4.27
278	2014/01/11	16:10:30	538.0000	5559.42	31.75	538.0000	5555.97	31.87	3.45
279	2014/01/11	18:10:30	540.0000	5558.33	31.75	540.0000	5554.83	31.86	3.50
280	2014/01/11	20:10:30	542.0000	5558.05	31.75	542.0000	5553.73	31.87	4.33

LOWER Serial Number: VN8 Start Date: 2013/12/20 06:10:30 Run Depth: 858.00

UPPER Serial Number: VNH Start Date: 2013/12/20 06:10:30 Run Depth: 857.70

Print Filter: Print every 2 hour

TUNDRA OIL & GAS PARTNERSHIP
103/13-29-008-28W1/0
Start Test Date: 2013/12/20
Final Test Date: 2014/01/13

TUNDRA DALY SINCLAIR PROV HZNTL B13B-29-8-28
Formation: LODGEPOLE

RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C	Diff. G1 - G2 kPa
281	2014/01/11	22:10:30	544.0000	5557.16	31.75	544.0000	5553.39	31.87	3.77
282	2014/01/12	00:10:30	546.0000	5556.83	31.74	546.0000	5552.52	31.87	4.30
283	2014/01/12	02:10:30	548.0000	5556.11	31.75	548.0000	5552.58	31.86	3.53
284	2014/01/12	04:10:30	550.0000	5555.40	31.75	550.0000	5551.49	31.87	3.91
285	2014/01/12	06:10:30	552.0000	5554.13	31.75	552.0000	5551.13	31.87	3.00
286	2014/01/12	08:10:30	554.0000	5555.11	31.75	554.0000	5550.46	31.85	4.66
287	2014/01/12	10:10:30	556.0000	5553.96	31.75	556.0000	5549.72	31.87	4.24
288	2014/01/12	12:10:30	558.0000	5552.75	31.75	558.0000	5549.02	31.86	3.72
289	2014/01/12	14:10:30	560.0000	5552.21	31.76	560.0000	5548.66	31.86	3.55
290	2014/01/12	16:10:30	562.0000	5551.35	31.75	562.0000	5547.96	31.86	3.40
291	2014/01/12	18:10:30	564.0000	5551.34	31.75	564.0000	5546.84	31.86	4.49
292	2014/01/12	20:10:30	566.0000	5550.33	31.75	566.0000	5546.93	31.85	3.40
293	2014/01/12	22:10:30	568.0000	5549.10	31.75	568.0000	5545.66	31.86	3.44
294	2014/01/13	00:10:30	570.0000	5549.51	31.75	570.0000	5545.04	31.86	4.47
295	2014/01/13	02:10:30	572.0000	5548.37	31.75	572.0000	5544.63	31.87	3.74
296	2014/01/13	04:10:30	574.0000	5548.24	31.74	574.0000	5544.44	31.86	3.80
297	2014/01/13	06:10:30	576.0000	5547.60	31.74	576.0000	5543.34	31.86	4.26
298	2014/01/13	08:10:30	578.0000	5546.62	31.74	578.0000	5542.81	31.86	3.80
299	2014/01/13	09:19:00	579.1417	5547.26	31.74	579.1417	5544.20	31.86	3.06
300	2014/01/13	09:19:00	579.1417	FINAL STABLE PRESSURE					
301	2014/01/13	09:19:30	579.1500	5548.31	31.74	579.1500	5544.55	31.86	3.76
302	2014/01/13	10:10:30	580.0000	5564.59	31.75	580.0000	5560.74	31.86	3.85
303	2014/01/13	11:18:00	581.1250	5555.02	31.61	581.1250	5551.32	31.56	3.70
304	2014/01/13	11:18:00	581.1250	UNSET BRIDGE PLUG					
305	2014/01/13	11:18:30	581.1333	7822.65	31.51	581.1333	7817.64	31.55	5.01
306	2014/01/13	11:25:00	581.2417	7857.82	28.82	581.2417	7773.46	28.91	84.36
307	2014/01/13	11:25:00	581.2417	BRIDGE PLUG IS UNSET					
308	2014/01/13	11:25:30	581.2500	7809.25	28.84	581.2500	7787.22	28.90	22.03
309	2014/01/13	11:33:00	581.3750	7687.29	29.19	581.3750	7684.11	29.33	3.18
310	2014/01/13	11:33:00	581.3750	PULL OUT OF HOLE WITH TUBING					
311	2014/01/13	11:33:30	581.3833	7558.87	29.10	581.3833	7681.05	29.24	-122.18
312	2014/01/13	12:10:30	582.0000	220.81	15.80	582.0000	200.40	15.95	20.41
313	2014/01/13	12:20:00	582.1583	112.52	14.91	582.1583	108.63	15.02	3.89
314	2014/01/13	12:20:00	582.1583	TOOLS AT SURFACE					
315	2014/01/13	12:20:30	582.1667	112.42	14.90	582.1667	108.20	15.02	4.22
316	2014/01/13	14:10:30	584.0000	107.70	-1.24	584.0000	107.40	-2.03	0.29
317	2014/01/13	16:10:30	586.0000	113.23	-3.90	586.0000	113.17	-4.29	0.06
318	2014/01/13	18:10:30	588.0000	115.09	0.00	588.0000	114.07	-1.57	1.02
319	2014/01/13	19:46:00	589.5917	115.18	1.99	589.5917	112.09	2.34	3.08

LOWER Serial Number: VN8 Start Date: 2013/12/20 06:10:30 Run Depth: 858.00
UPPER Serial Number: VNH Start Date: 2013/12/20 06:10:30 Run Depth: 857.70
Print Filter: Print every 2 hour



DATE: Dec 20, 2013 - Jan 13, 2014	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Daly Sinclair Prov HZNTL B13-29-008-28 WPM	ADDRESS: Virden, MB
LOCATION: (13B-28) B13-28-008-28 W1M	UWI:130.13-29-008-28W1.00
FIELD: Daly Sinclair	FORMATION: Lodgepole
CO HQ REP: Chirs [REDACTED]	PHONE: 204-748-4434
FIELD REP: Mark [REDACTED]	PHONE: 204-851-5689
REPORTS TO (NAME & EMAIL ADDRESS): Eric [REDACTED] - eric.bjornsson@tundraoilandgas.com Tyler [REDACTED] - tyler.routledge@tundraoilandgas.com Tim [REDACTED] - tim.howell@tundraoilandgas.com Craig [REDACTED] - craig.lane@tundraoilandgas.com Bill [REDACTED] - bill.jenkins@tundraoilandgas.com Adam [REDACTED] - adam.berke@tundraoilandgas.com Chris [REDACTED] - chris.perkins@tundraoilandgas.com	

STATUS: oil well (completion)		TEST TYPE: build up
ESTIMATED H2S CONTENT: n/a		ESTIMATED CO2 CONTENT: 0%
PRODUCING THROUGH: tubing		SHUT IN TIME/DATE: 06:59 Dec 20/13
KOP: 571.0 mKB	TVD: ds included	LICENCE #: 9676
PBTD: n/a	TD: 2304.0 mKB	WELL TYPE: horizontal
CASING SIZE: 177.8 mm	CSG WEIGHT: 34.23 & 29.76	CSG DEPTH: 890.50 mKB
TUBING SIZE: none	TBG WEIGHT: none	TBG DEPTH: none
Elevations KB: 499.59 m	GRD: 495.79 m	CF: 495.49 m

PRODUCING INTERVAL

TYPE: open hole	SIZE: n/a	INTERVAL: 890.50 - 2304.0 mKB
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RECORDER INFORMATION

TOP S/N: VNH	FILE NAME: 13-28-13-29-8-28W1t	RANGE: 20,680 kPa
BOTTOM S/N: VN8	FILE NAME: 13-28-13-29-8-28W1b	RANGE: 20,680 kPa
TOP BATTERY S/N: n/a	BOTTOM BATTERY S/N: n/a	
CONNECT TIME: 06:10 Dec 20/13	DISCONNECT TIME: 19:57 Jan 13/14	

SURFACE TEMP: -14 C	LEASE CONDITION: good
WIRELINE OPERATOR: Mike [REDACTED]	PHONE: 306-421-7330
WIRELINE ASSISTANT: n/a	
DIRECTIONS: 12.6 km north of junction #256 & #2, east into rig.	

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: 858 mKB
TIME ON BOTTOM: 06:56 Dec 20/13	TIME OFF BOTTOM: 11:33 Jan 13/14

GRADIENT STOPS

DEPTH mKB:	n/a	FROM:	n/a	UNTIL:	n/a
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COMMENTS: These recorders were run and pulled below a bridge plug with pipe.

DESCRIPTION OF WORK DONE:

December 20, 2013
06:10 - 21 mPa KC-3 recorders were set to logging mode while being run into the well below a bridge plug by a drilling rig.

06:56 - the recorders were landed at 858 mKB.
06:59 - the bridge plug was set at 856 mKB (recorders at 858 mKB) the plug was released and the drill pipe was pulled and laid down.
January 13, 2014
11:17 - a service rig had run tubing into the well, latched onto, and was preparing to unset the bridge plug.
11:25 - the bridge plug was unset.
11:33 - the tools were pulled from the well with the tubing.
12:20 - recorders were at surface.
19:57 - the recorders were downloaded.



TUNDRA OIL & GAS PARTNERSHIP
TUNDRA DALY SINCLAIR PROV HZNTL C13B-29-8-28
104/13-29-008-28W1/00
LICENSE #: 10320
LODGEPOLE FORMATION

RESERVOIR PRESSURE SURVEY TEST
MARCH 12th – JUNE 12th, 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	GEOFF [REDACTED]
e-mail	geoff.puckett@tundraoilandgas.com
Phone	(204) 230-9758
Site Contact	KIRT [REDACTED]
Site Phone	(204) 851-3369

Well Information

Well Name	TUNDRA DALY SINCLAIR PROV HZNTL C13B-29-8-28
Unique Well ID	104/13-29-008-28W1/00
Surface Location	13B-28-8-28 / C13B-29-8-28W1
Well License Number	10320
Well Type	Horizontal
Well Fluid Type	01 Oil
Field	SINCLAIR
KB Elevation (SL)	500.87 m
CF Elevation (SL)	496.97 m
GL Elevation (SL)	496.77 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	139.7 mm
Casing Depth(Log KB)	2301.00 m
Casing Depth(TVD KB)	789.54 m
PBTD(Log KB)	2300.37 m
PBTD(TVD KB)	789.55 m

Pressure Survey Report

Test Information

Well Name	TUNDRA DALY SINCLAIR PROV HZNTL C13B-29-8-28
Unique Well ID	104/13-29-008-28W1/00
Surface Location	13B-28-8-28 / C13B-29-8-28W1
Well License Number	10320
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Test Type	RESERVOIR PRESSURE SURVEY
Formation	LODGEPOLE
Well Type Indicator	Horizontal
Test/Prod. Interval Top KB (Log)	895.27 m
Test/Prod. Interval Base KB (Log)	2263.41 m
MPP(Log KB)	1579.34 m
Test/Prod Interval Top KB (TVD)	772.50 m
Test/Prod. Interval Base m KB (TVD)	791.18 m
MPP(TVD KB)	781.84 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	2015/03/12 10:43:00
Final Test Date/Time	2015/06/12 10:37:02
Gauge Serial Number Used in Summary	2579
Last Measured Pressure at Run Depth	4531.76 kPa(a)
Reservoir Temperature	28.60 °C
Service Company	Quality Wireline Services Ltd.
Representative	BART [REDACTED]
Prepared By	DOLLCO Well Data Services
Qualified By	RICK [REDACTED]
Report Date	2014/06/30

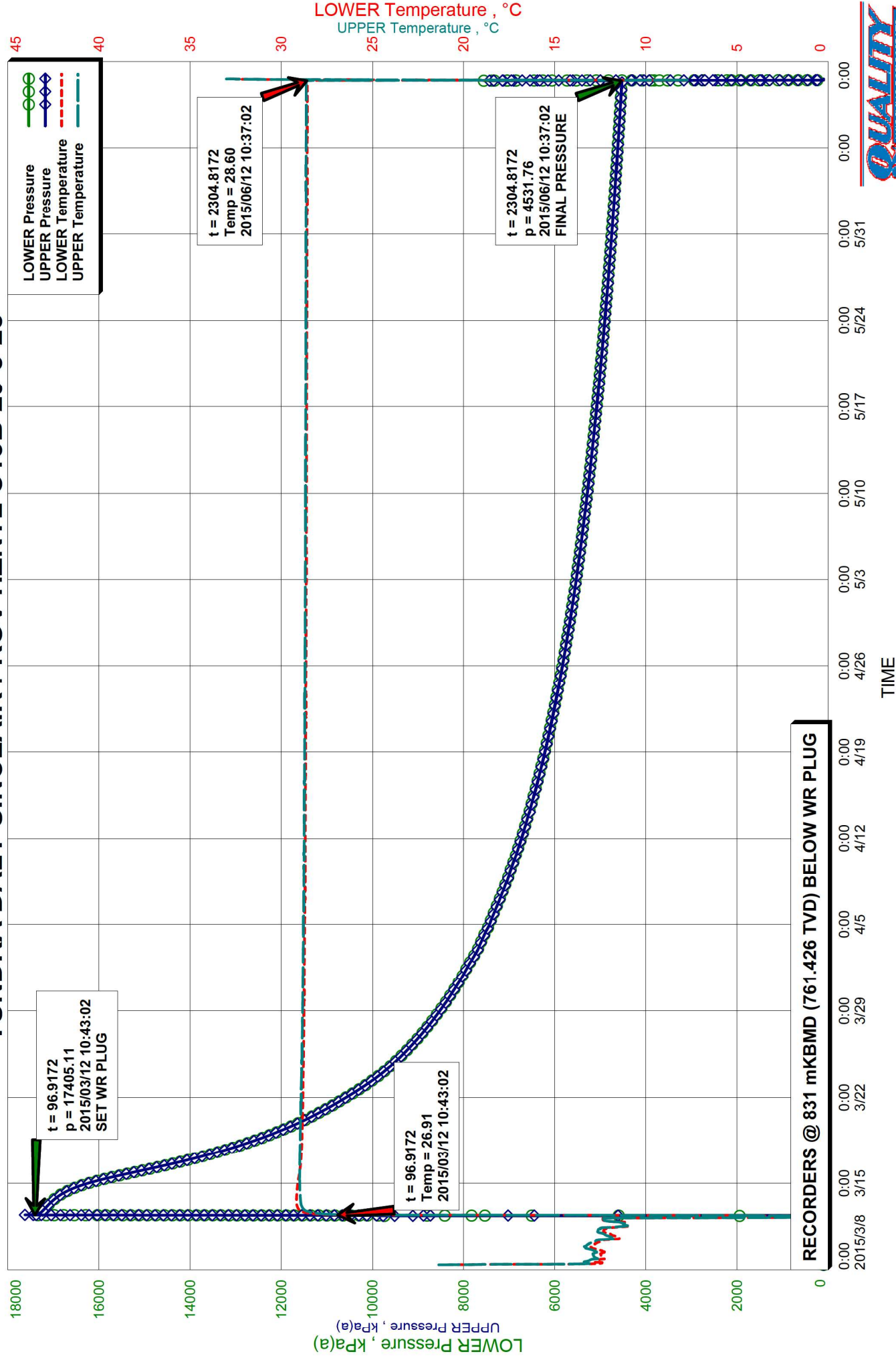
RECORDERS @ 831 mKBMD (761.426 TVD)

FRAC PORTS: 2263.41, 2219.28, 2175.16, 2131.03, 2086.92, 2042.78, 1998.67, 1954.63, 1910.49, 1866.35, 1822.21, 1778.14, 1734.03, 1689.86, 1645.74, 1601.62, 1557.51, 1513.39, 1469.23, 1425.08, 1380.95, 1336.79, 1292.64, 1248.51, 1204.37, 1160.22, 1116.10, 1071.87, 1027.71, 983.56, 939.43, 895.27 mKBMD

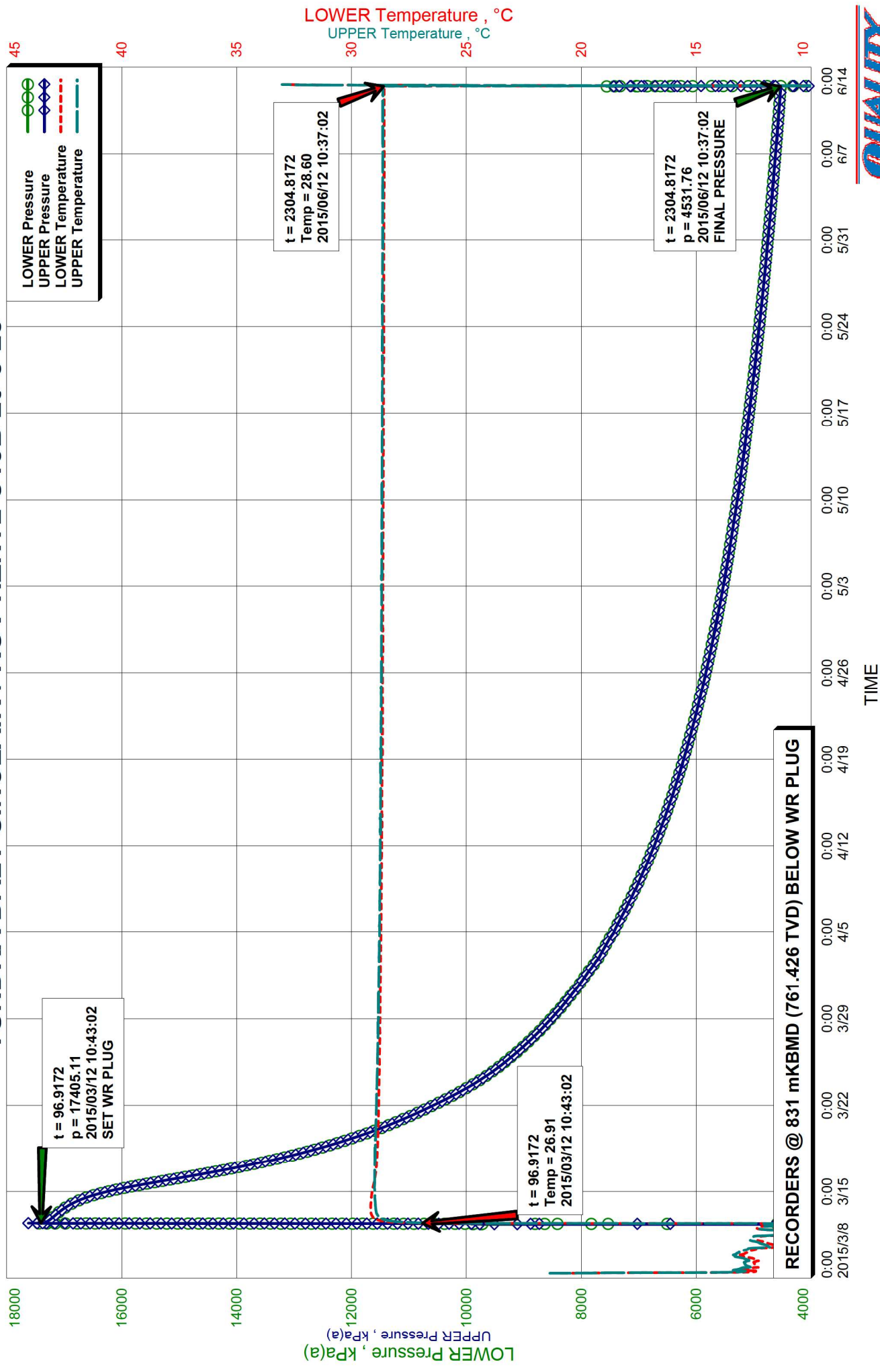
NOTE: ONLY FRAC PORT #2 @ 2219.28 mKBMD WAS OPEN DURING TEST



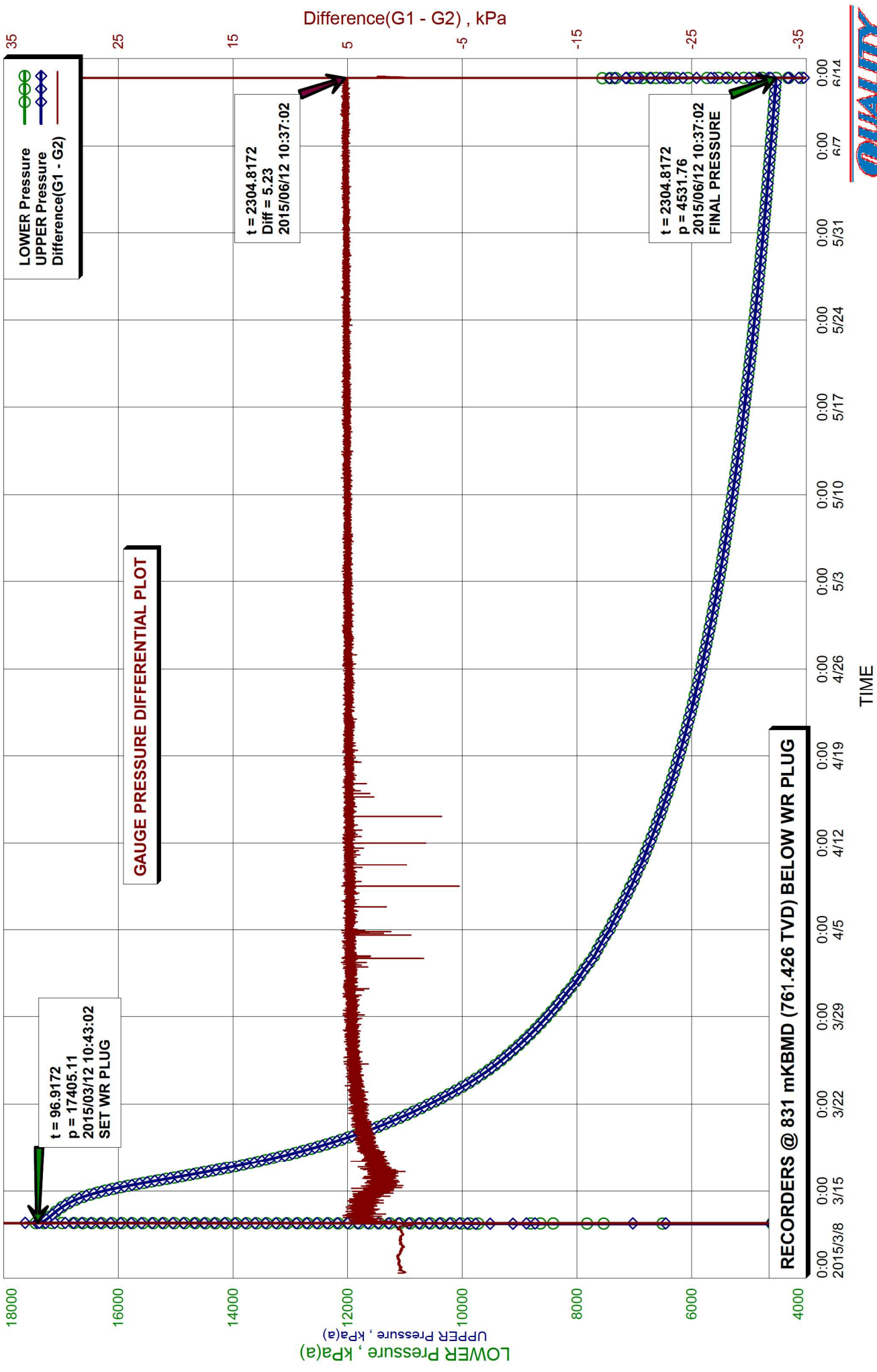
TUNDRA DALY SINCLAIR PROV HZNTL C13B-29-8-28



TUNDRA DALY SINCLAIR PROV HZNTL C13B-29-8-28



TUNDRA DALY SINCLAIR PROV HZNTL C13B-29-8-28



Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	104/13-29-008-28W1/00
Well Name	TUNDRA DALY SINCLAIR PROV HZNTL C13B-29-8-28
Formation	LODGEPOLE
Start Test Date	2015/03/12
Final Test Date	2015/06/12

Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	2579	Gauge Manufacturer	PIONEER PETROTECH SERVICES
Run Depth (Log KB)	831.00 m	Gauge Model	SILICON SAPPHIRE
Date of Last Calibration	2013/06/12	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2015/03/08	Gauge Start Time	09:48:00
Gauge Stop Date	2015/06/12	Gauge Stop Time	14:07:02
Date Gauge On Bottom	2015/03/12	Time Gauge On Bottom	10:43:00
Date Gauge Off Bottom	2015/06/12	Time Gauge Off Bottom	10:37:02

Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	2577	Gauge Manufacturer	PIONEER PETROTECH SERVICES
Run Depth (Log KB)	831.00 m	Gauge Model	SILICON SAPPHIRE
Date of Last Calibration	2013/12/06	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2015/03/08	Gauge Start Time	09:48:00
Gauge Stop Date	2015/06/12	Gauge Stop Time	14:07:02
Date Gauge On Bottom	2015/03/12	Time Gauge On Bottom	10:43:00
Date Gauge Off Bottom	2015/06/12	Time Gauge Off Bottom	10:37:02

TUNDRA OIL & GAS PARTNERSHIP
104/13-29-008-28W1/00
Start Test Date: 2015/03/12
Final Test Date: 2015/06/12

RESERVOIR PRESSURE SURVEY
RECORDERS @ 831 mKBMD (761.426 TVD)

TUNDRA DALY SINCLAIR PROV HZNTL C13B-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	2015/03/08	09:51:02	0.0506	100.90	20.89	0.0505	100.29	21.37	0.60
2	2015/03/08	09:51:02	0.0506	ACTIVATE RECORDERS S/N: 2579(L) & 2577(U)					
3	2015/03/08	09:51:32	0.0589	100.80	20.79	0.0589	100.27	21.33	0.53
4	2015/03/08	17:51:02	8.0506	99.55	12.64	8.0589	99.12	13.13	0.42
5	2015/03/09	01:51:02	16.0506	99.57	12.42	16.0672	99.14	12.85	0.44
6	2015/03/09	09:51:02	24.0506	99.37	12.29	24.0672	98.86	12.70	0.50
7	2015/03/09	17:51:32	32.0589	99.54	12.93	32.0672	98.89	13.31	0.64
8	2015/03/10	01:51:32	40.0589	99.36	12.79	40.0672	98.90	13.13	0.45
9	2015/03/10	09:51:32	48.0589	99.64	12.35	48.0672	99.28	12.69	0.36
10	2015/03/10	17:51:32	56.0589	99.95	11.69	56.0672	99.57	12.05	0.38
11	2015/03/11	01:51:32	64.0589	100.17	12.32	64.0672	99.72	12.65	0.47
12	2015/03/11	09:51:32	72.0589	100.03	12.09	72.0672	99.63	12.43	0.40
13	2015/03/11	17:51:32	80.0589	99.83	10.90	80.0672	99.47	11.18	0.36
14	2015/03/12	01:51:32	88.0589	100.01	12.36	88.0672	99.51	12.32	0.50
15	2015/03/12	08:58:02	95.1672	101.63	-0.54	95.1672	100.86	-0.46	0.77
16	2015/03/12	08:58:02	95.1672	PRESSURE TEST COIL STACK					
17	2015/03/12	08:58:32	95.1756	1943.47	-0.44	95.1755	101.13	-0.46	1842.33
18	2015/03/12	09:42:02	95.9006	189.56	3.83	95.9005	116.53	4.19	73.03
19	2015/03/12	09:42:02	95.9006	RIH WITH RECORDERS BELOW WR PLUG					
20	2015/03/12	09:42:32	95.9089	9869.75	3.98	95.9089	110.35	4.09	9759.39
21	2015/03/12	09:51:32	96.0589	10644.21	7.90	96.0672	10300.85	6.88	427.53
22	2015/03/12	10:43:02	96.9172	17405.11	26.91	96.9172	17421.87	26.14	-16.76
23	2015/03/12	10:43:02	96.9172	TOOLS ARE AT SET DEPTH, SET WR PLUG					
24	2015/03/12	10:43:02	96.9172	RECORDERS AT 831 mKBMD (761.426 TVD)					
25	2015/03/12	10:43:32	96.9256	17415.54	26.92	96.9255	17417.84	26.15	-2.30
26	2015/03/12	17:51:32	104.0589	17249.88	28.90	104.0672	17246.00	28.60	3.77
27	2015/03/13	01:51:32	112.0589	17161.96	29.12	112.0672	17158.29	28.86	3.64
28	2015/03/13	09:51:32	120.0589	17073.73	29.16	120.0672	17069.81	28.93	3.84
29	2015/03/13	17:52:02	128.0672	16972.42	29.16	128.0672	16968.24	28.95	4.19
30	2015/03/14	01:52:02	136.0672	16845.41	29.15	136.0672	16841.79	28.96	3.62
31	2015/03/14	09:52:02	144.0672	16681.34	29.14	144.0672	16677.97	28.98	3.37
32	2015/03/14	17:52:02	152.0672	16463.63	29.12	152.0672	16460.81	28.98	2.81
33	2015/03/15	01:52:02	160.0672	16179.23	29.10	160.0672	16177.13	28.99	2.10
34	2015/03/15	09:52:02	168.0672	15829.92	29.06	168.0672	15828.46	29.00	1.47
35	2015/03/15	17:52:02	176.0672	15436.58	29.02	176.0672	15434.26	28.99	2.33
36	2015/03/16	01:52:02	184.0672	15026.49	28.98	184.0672	15023.71	28.99	2.78
37	2015/03/16	09:52:02	192.0672	14619.60	28.96	192.0672	14617.26	28.99	2.34
38	2015/03/16	17:52:02	200.0672	14231.52	28.93	200.0672	14229.57	28.99	1.94
39	2015/03/17	01:52:02	208.0672	13868.71	28.92	208.0672	13866.41	28.98	2.30
40	2015/03/17	09:52:02	216.0672	13533.64	28.90	216.0672	13530.56	28.98	3.07

LOWER Serial Number: 2579 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
UPPER Serial Number: 2577 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
Print Filter: Print every 8 hour

TUNDRA OIL & GAS PARTNERSHIP
104/13-29-008-28W1/00
Start Test Date: 2015/03/12
Final Test Date: 2015/06/12

RESERVOIR PRESSURE SURVEY
RECORDERS @ 831 mKBMD (761.426 TVD)

TUNDRA DALY SINCLAIR PROV HZNTL C13B-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	2015/03/17	17:52:02	224.0672	13220.53	28.89	224.0672	13217.90	28.97	2.62
42	2015/03/18	01:52:02	232.0672	12928.61	28.88	232.0672	12926.06	28.97	2.55
43	2015/03/18	09:52:02	240.0672	12659.05	28.87	240.0672	12655.97	28.97	3.08
44	2015/03/18	17:52:02	248.0672	12404.34	28.86	248.0672	12401.50	28.96	2.84
45	2015/03/19	01:52:02	256.0672	12169.04	28.86	256.0755	12165.19	28.96	3.54
46	2015/03/19	09:52:02	264.0672	11946.38	28.85	264.0755	11942.68	28.95	3.49
47	2015/03/19	17:52:02	272.0672	11733.20	28.85	272.0755	11730.04	28.95	2.94
48	2015/03/20	01:52:02	280.0672	11536.47	28.84	280.0755	11533.11	28.94	3.13
49	2015/03/20	09:52:02	288.0672	11352.98	28.84	288.0755	11349.14	28.94	3.70
50	2015/03/20	17:52:02	296.0672	11180.00	28.83	296.0755	11176.02	28.93	3.81
51	2015/03/21	01:52:02	304.0672	11010.50	28.83	304.0755	11006.48	28.93	3.79
52	2015/03/21	09:52:02	312.0672	10849.27	28.82	312.0755	10845.07	28.92	4.06
53	2015/03/21	17:52:02	320.0672	10695.28	28.82	320.0755	10691.17	28.92	3.97
54	2015/03/22	01:52:02	328.0672	10545.26	28.81	328.0755	10541.21	28.91	3.96
55	2015/03/22	09:52:02	336.0672	10396.82	28.81	336.0755	10392.83	28.91	3.86
56	2015/03/22	17:52:02	344.0672	10255.97	28.81	344.0755	10251.99	28.91	3.80
57	2015/03/23	01:52:02	352.0672	10120.30	28.81	352.0755	10115.57	28.90	4.60
58	2015/03/23	09:52:02	360.0672	9990.61	28.81	360.0755	9986.50	28.90	3.92
59	2015/03/23	17:52:02	368.0672	9867.60	28.80	368.0755	9863.30	28.89	4.12
60	2015/03/24	01:52:02	376.0672	9754.21	28.80	376.0755	9750.18	28.89	3.92
61	2015/03/24	09:52:02	384.0672	9645.99	28.79	384.0755	9641.38	28.88	4.44
62	2015/03/24	17:52:02	392.0672	9543.85	28.79	392.0755	9539.16	28.88	4.58
63	2015/03/25	01:52:02	400.0672	9447.94	28.78	400.0755	9443.20	28.87	4.58
64	2015/03/25	09:52:02	408.0672	9353.84	28.78	408.0755	9348.92	28.87	4.84
65	2015/03/25	17:52:02	416.0672	9265.45	28.78	416.0755	9260.31	28.87	5.00
66	2015/03/26	01:52:02	424.0672	9179.30	28.78	424.0755	9174.53	28.86	4.64
67	2015/03/26	09:52:02	432.0672	9095.67	28.78	432.0755	9091.06	28.86	4.50
68	2015/03/26	17:52:02	440.0672	9013.92	28.77	440.0755	9009.56	28.86	4.33
69	2015/03/27	01:52:02	448.0672	8934.84	28.77	448.0755	8930.20	28.85	4.57
70	2015/03/27	09:52:02	456.0672	8859.64	28.77	456.0755	8854.82	28.85	4.70
71	2015/03/27	17:52:02	464.0672	8786.29	28.76	464.0755	8781.25	28.84	4.94
72	2015/03/28	01:52:02	472.0672	8713.41	28.77	472.0755	8708.77	28.85	4.56
73	2015/03/28	09:52:02	480.0672	8645.42	28.77	480.0755	8640.81	28.84	4.57
74	2015/03/28	17:52:02	488.0672	8578.53	28.76	488.0755	8573.74	28.84	4.74
75	2015/03/29	01:52:02	496.0672	8512.06	28.76	496.0755	8507.36	28.83	4.63
76	2015/03/29	09:52:02	504.0672	8448.43	28.76	504.0755	8443.38	28.83	5.01
77	2015/03/29	17:52:02	512.0672	8382.73	28.75	512.0755	8378.49	28.83	4.19
78	2015/03/30	01:52:02	520.0672	8324.28	28.75	520.0755	8319.73	28.82	4.51
79	2015/03/30	09:52:02	528.0672	8265.69	28.75	528.0755	8260.58	28.82	5.05
80	2015/03/30	17:52:02	536.0672	8206.66	28.75	536.0755	8201.93	28.82	4.71

LOWER Serial Number: 2579 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
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TUNDRA OIL & GAS PARTNERSHIP
104/13-29-008-28W1/00
Start Test Date: 2015/03/12
Final Test Date: 2015/06/12

RESERVOIR PRESSURE SURVEY
RECORDERS @ 831 mKBMD (761.426 TVD)

TUNDRA DALY SINCLAIR PROV HZNTL C13B-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	2015/03/31	01:52:02	544.0672	8152.61	28.75	544.0755	8147.93	28.82	4.65
82	2015/03/31	09:52:02	552.0672	8094.28	28.75	552.0755	8089.13	28.81	5.12
83	2015/03/31	17:52:02	560.0672	8041.59	28.74	560.0755	8037.02	28.81	4.53
84	2015/04/01	01:52:02	568.0672	7990.60	28.74	568.0755	7985.91	28.81	4.64
85	2015/04/01	09:52:02	576.0672	7941.54	28.74	576.0755	7936.70	28.81	4.72
86	2015/04/01	17:52:02	584.0672	7891.81	28.74	584.0755	7886.85	28.81	4.84
87	2015/04/02	01:52:02	592.0672	7833.35	28.74	592.0755	7828.43	28.80	4.87
88	2015/04/02	09:52:02	600.0672	7779.81	28.73	600.0755	7775.03	28.80	4.73
89	2015/04/02	17:52:02	608.0672	7724.71	28.73	608.0755	7720.02	28.80	4.60
90	2015/04/03	01:52:02	616.0672	7679.91	28.73	616.0755	7675.21	28.80	4.59
91	2015/04/03	09:52:02	624.0672	7642.90	28.73	624.0755	7637.97	28.79	4.89
92	2015/04/03	17:52:02	632.0672	7600.70	28.73	632.0755	7595.97	28.79	4.71
93	2015/04/04	01:52:02	640.0672	7560.43	28.72	640.0755	7555.61	28.79	4.75
94	2015/04/04	09:52:02	648.0672	7519.24	28.72	648.0755	7514.72	28.78	4.52
95	2015/04/04	17:52:02	656.0672	7465.48	28.72	656.0755	7460.33	28.78	5.21
96	2015/04/05	01:52:02	664.0672	7425.77	28.72	664.0755	7421.05	28.78	4.69
97	2015/04/05	09:52:02	672.0672	7394.28	28.72	672.0755	7389.61	28.78	4.66
98	2015/04/05	17:52:02	680.0672	7356.50	28.71	680.0755	7351.90	28.78	4.50
99	2015/04/06	01:52:02	688.0672	7318.65	28.71	688.0755	7313.75	28.77	4.85
100	2015/04/06	09:52:02	696.0672	7281.65	28.71	696.0755	7276.89	28.77	4.71
101	2015/04/06	17:52:02	704.0672	7245.07	28.71	704.0755	7240.20	28.77	4.81
102	2015/04/07	01:52:02	712.0672	7205.00	28.71	712.0755	7200.49	28.77	4.46
103	2015/04/07	09:52:02	720.0672	7169.40	28.71	720.0755	7164.56	28.77	4.77
104	2015/04/07	17:52:02	728.0672	7137.20	28.70	728.0755	7132.24	28.77	4.95
105	2015/04/08	01:52:02	736.0672	7103.66	28.70	736.0755	7098.74	28.76	4.94
106	2015/04/08	09:52:02	744.0672	7071.07	28.70	744.0755	7065.97	28.76	5.08
107	2015/04/08	17:52:02	752.0672	7030.05	28.70	752.0755	7025.65	28.76	4.33
108	2015/04/09	01:52:02	760.0672	7000.41	28.70	760.0755	6995.50	28.76	4.85
109	2015/04/09	09:52:02	768.0672	6969.76	28.70	768.0755	6965.03	28.76	4.73
110	2015/04/09	17:52:02	776.0672	6937.82	28.69	776.0755	6933.02	28.75	4.78
111	2015/04/10	01:52:02	784.0672	6906.27	28.69	784.0755	6901.14	28.75	5.09
112	2015/04/10	09:52:02	792.0672	6871.34	28.69	792.0755	6866.26	28.75	5.09
113	2015/04/10	17:52:02	800.0672	6844.47	28.70	800.0755	6839.48	28.76	5.00
114	2015/04/11	01:52:02	808.0672	6814.84	28.69	808.0755	6809.76	28.75	5.02
115	2015/04/11	09:52:02	816.0672	6786.30	28.69	816.0755	6781.69	28.75	4.60
116	2015/04/11	17:52:02	824.0672	6758.88	28.69	824.0755	6753.76	28.75	5.11
117	2015/04/12	01:52:02	832.0672	6726.68	28.69	832.0755	6721.42	28.74	5.19
118	2015/04/12	09:52:02	840.0672	6701.21	28.69	840.0755	6696.21	28.75	4.98
119	2015/04/12	17:52:02	848.0672	6672.63	28.69	848.0755	6668.09	28.74	4.49
120	2015/04/13	01:52:02	856.0672	6643.67	28.69	856.0755	6638.86	28.74	4.80

LOWER Serial Number: 2579 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
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TUNDRA OIL & GAS PARTNERSHIP
104/13-29-008-28W1/00
Start Test Date: 2015/03/12
Final Test Date: 2015/06/12

RESERVOIR PRESSURE SURVEY
RECORDERS @ 831 mKBMD (761.426 TVD)

TUNDRA DALY SINCLAIR PROV HZNTL C13B-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	2015/04/13	09:52:02	864.0672	6620.44	28.68	864.0755	6615.44	28.74	4.96
122	2015/04/13	17:52:02	872.0672	6594.40	28.68	872.0755	6589.32	28.74	5.02
123	2015/04/14	01:52:02	880.0672	6567.67	28.68	880.0755	6562.83	28.74	4.84
124	2015/04/14	09:52:02	888.0672	6540.11	28.68	888.0755	6535.36	28.74	4.76
125	2015/04/14	17:52:02	896.0672	6515.64	28.68	896.0755	6511.00	28.74	4.57
126	2015/04/15	01:52:02	904.0672	6490.98	28.68	904.0755	6486.19	28.73	4.75
127	2015/04/15	09:52:02	912.0672	6466.77	28.68	912.0755	6461.84	28.73	4.88
128	2015/04/15	17:52:02	920.0672	6439.56	28.67	920.0755	6434.75	28.73	4.84
129	2015/04/16	01:52:02	928.0672	6415.35	28.68	928.0755	6410.70	28.73	4.61
130	2015/04/16	09:52:02	936.0672	6392.43	28.68	936.0755	6387.36	28.73	5.10
131	2015/04/16	17:52:02	944.0672	6367.04	28.67	944.0755	6363.25	28.73	3.37
132	2015/04/17	01:52:02	952.0672	6344.26	28.67	952.0755	6339.30	28.73	4.95
133	2015/04/17	09:52:02	960.0672	6324.06	28.67	960.0755	6319.53	28.72	4.53
134	2015/04/17	17:52:02	968.0672	6302.73	28.67	968.0755	6297.76	28.72	4.90
135	2015/04/18	01:52:02	976.0672	6279.98	28.67	976.0755	6275.21	28.72	4.75
136	2015/04/18	09:52:02	984.0672	6259.31	28.67	984.0755	6254.51	28.72	4.77
137	2015/04/18	17:52:02	992.0672	6237.21	28.67	992.0755	6232.26	28.72	4.95
138	2015/04/19	01:52:02	1000.0672	6216.28	28.67	1000.0755	6211.15	28.72	5.07
139	2015/04/19	09:52:02	1008.0672	6195.91	28.66	1008.0755	6191.09	28.72	4.85
140	2015/04/19	17:52:02	1016.0672	6175.15	28.66	1016.0755	6170.39	28.72	4.69
141	2015/04/20	01:52:32	1024.0756	6153.87	28.66	1024.0839	6148.82	28.72	5.01
142	2015/04/20	09:52:32	1032.0756	6134.69	28.66	1032.0839	6129.84	28.72	4.84
143	2015/04/20	17:52:32	1040.0756	6114.35	28.66	1040.0839	6109.39	28.71	4.98
144	2015/04/21	01:52:32	1048.0756	6094.32	28.66	1048.0839	6089.22	28.71	5.09
145	2015/04/21	09:52:32	1056.0756	6076.48	28.66	1056.0839	6071.48	28.71	4.99
146	2015/04/21	17:52:32	1064.0756	6056.31	28.66	1064.0839	6051.43	28.71	4.86
147	2015/04/22	01:52:32	1072.0756	6037.49	28.66	1072.0839	6032.84	28.71	4.69
148	2015/04/22	09:52:32	1080.0756	6019.26	28.66	1080.0839	6014.22	28.71	5.03
149	2015/04/22	17:52:32	1088.0756	6001.55	28.66	1088.0839	5996.78	28.71	4.75
150	2015/04/23	01:52:32	1096.0756	5983.42	28.65	1096.0839	5978.57	28.71	4.81
151	2015/04/23	09:52:32	1104.0756	5965.77	28.65	1104.0839	5961.06	28.71	4.70
152	2015/04/23	17:52:32	1112.0756	5948.95	28.65	1112.0839	5944.02	28.71	4.92
153	2015/04/24	01:52:32	1120.0756	5930.09	28.65	1120.0839	5925.09	28.70	4.96
154	2015/04/24	09:52:32	1128.0756	5913.35	28.65	1128.0839	5908.50	28.71	4.85
155	2015/04/24	17:52:32	1136.0756	5897.40	28.65	1136.0839	5892.46	28.70	4.95
156	2015/04/25	01:52:32	1144.0756	5880.56	28.65	1144.0839	5875.53	28.70	4.99
157	2015/04/25	09:52:32	1152.0756	5863.89	28.65	1152.0839	5858.70	28.70	5.17
158	2015/04/25	17:52:32	1160.0756	5847.36	28.65	1160.0839	5842.53	28.70	4.81
159	2015/04/26	01:52:32	1168.0756	5831.78	28.65	1168.0839	5826.64	28.70	5.15
160	2015/04/26	09:52:32	1176.0756	5814.84	28.65	1176.0839	5809.83	28.70	4.98

LOWER Serial Number: 2579 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
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TUNDRA OIL & GAS PARTNERSHIP
104/13-29-008-28W1/00
Start Test Date: 2015/03/12
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TUNDRA DALY SINCLAIR PROV HZNTL C13B-29-8-28
Formation: LODGEPOLE

RESERVOIR PRESSURE SURVEY
RECORDERS @ 831 mKBMD (761.426 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	2015/04/26	17:52:32	1184.0756	5800.27	28.64	1184.0839	5795.37	28.70	4.88
162	2015/04/27	01:52:32	1192.0756	5784.75	28.65	1192.0839	5779.89	28.70	4.81
163	2015/04/27	09:52:32	1200.0756	5769.35	28.65	1200.0839	5764.45	28.70	4.89
164	2015/04/27	17:52:32	1208.0756	5753.91	28.64	1208.0839	5748.96	28.70	4.95
165	2015/04/28	01:52:32	1216.0756	5738.20	28.64	1216.0839	5733.33	28.69	4.84
166	2015/04/28	09:52:32	1224.0756	5723.84	28.64	1224.0839	5718.86	28.69	4.95
167	2015/04/28	17:52:32	1232.0756	5707.82	28.64	1232.0839	5703.19	28.69	4.63
168	2015/04/29	01:52:32	1240.0756	5693.82	28.64	1240.0839	5688.81	28.69	5.03
169	2015/04/29	09:52:32	1248.0756	5679.67	28.64	1248.0839	5674.70	28.69	4.97
170	2015/04/29	17:52:32	1256.0756	5664.20	28.64	1256.0839	5659.31	28.69	4.90
171	2015/04/30	01:52:32	1264.0756	5650.89	28.64	1264.0839	5645.68	28.69	5.21
172	2015/04/30	09:52:32	1272.0756	5635.79	28.64	1272.0839	5630.80	28.69	4.98
173	2015/04/30	17:52:32	1280.0756	5622.50	28.64	1280.0839	5617.49	28.69	5.00
174	2015/05/01	01:52:32	1288.0756	5609.15	28.64	1288.0839	5603.84	28.69	5.28
175	2015/05/01	09:52:32	1296.0756	5595.81	28.64	1296.0839	5590.72	28.69	5.09
176	2015/05/01	17:52:32	1304.0756	5581.19	28.64	1304.0839	5576.35	28.69	4.82
177	2015/05/02	01:52:32	1312.0756	5568.59	28.64	1312.0839	5563.71	28.69	4.90
178	2015/05/02	09:52:32	1320.0756	5555.44	28.64	1320.0839	5550.51	28.69	4.92
179	2015/05/02	17:52:32	1328.0756	5541.67	28.63	1328.0839	5536.66	28.69	5.02
180	2015/05/03	01:52:32	1336.0756	5528.88	28.64	1336.0839	5523.85	28.69	5.02
181	2015/05/03	09:52:32	1344.0756	5515.68	28.63	1344.0839	5510.75	28.69	4.91
182	2015/05/03	17:52:32	1352.0756	5503.47	28.63	1352.0839	5498.30	28.68	5.18
183	2015/05/04	01:52:32	1360.0756	5491.39	28.63	1360.0839	5486.26	28.68	5.12
184	2015/05/04	09:52:32	1368.0756	5478.59	28.63	1368.0839	5473.47	28.68	5.10
185	2015/05/04	17:52:32	1376.0756	5465.91	28.63	1376.0839	5461.20	28.68	4.69
186	2015/05/05	01:52:32	1384.0756	5453.75	28.63	1384.0839	5448.79	28.68	4.96
187	2015/05/05	09:52:32	1392.0756	5442.25	28.63	1392.0839	5437.16	28.68	5.07
188	2015/05/05	17:52:32	1400.0756	5430.27	28.63	1400.0839	5425.37	28.68	4.89
189	2015/05/06	01:52:32	1408.0756	5419.13	28.63	1408.0839	5413.93	28.68	5.15
190	2015/05/06	09:52:32	1416.0756	5407.31	28.63	1416.0839	5402.27	28.68	5.03
191	2015/05/06	17:52:32	1424.0756	5395.97	28.63	1424.0839	5390.92	28.68	5.04
192	2015/05/07	01:52:32	1432.0756	5384.97	28.62	1432.0839	5379.89	28.68	5.07
193	2015/05/07	09:52:32	1440.0756	5372.95	28.62	1440.0839	5367.80	28.68	5.16
194	2015/05/07	17:52:32	1448.0756	5361.97	28.62	1448.0839	5356.95	28.68	5.00
195	2015/05/08	01:52:32	1456.0756	5351.66	28.62	1456.0839	5346.65	28.68	5.01
196	2015/05/08	09:52:32	1464.0756	5340.01	28.62	1464.0839	5334.99	28.67	5.00
197	2015/05/08	17:52:32	1472.0756	5328.39	28.62	1472.0839	5323.54	28.67	4.82
198	2015/05/09	01:52:32	1480.0756	5317.90	28.62	1480.0839	5312.63	28.67	5.27
199	2015/05/09	09:52:32	1488.0756	5307.50	28.62	1488.0839	5302.49	28.67	5.02
200	2015/05/09	17:52:32	1496.0756	5296.77	28.62	1496.0839	5291.73	28.67	5.03

LOWER Serial Number: 2579 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
UPPER Serial Number: 2577 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
Print Filter: Print every 8 hour

TUNDRA OIL & GAS PARTNERSHIP
104/13-29-008-28W1/00
Start Test Date: 2015/03/12
Final Test Date: 2015/06/12

RESERVOIR PRESSURE SURVEY
RECORDERS @ 831 mKBMD (761.426 TVD)

TUNDRA DALY SINCLAIR PROV HZNTL C13B-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	2015/05/10	01:52:32	1504.0756	5285.41	28.62	1504.0839	5280.37	28.67	5.05
202	2015/05/10	09:52:32	1512.0756	5275.29	28.62	1512.0839	5270.38	28.67	4.91
203	2015/05/10	17:52:32	1520.0756	5264.89	28.62	1520.0839	5259.76	28.67	5.09
204	2015/05/11	01:52:32	1528.0756	5254.11	28.62	1528.0839	5249.22	28.67	4.87
205	2015/05/11	09:52:32	1536.0756	5243.59	28.62	1536.0839	5238.54	28.67	5.04
206	2015/05/11	17:52:32	1544.0756	5233.52	28.62	1544.0839	5228.44	28.67	5.06
207	2015/05/12	01:52:32	1552.0756	5223.21	28.62	1552.0839	5218.19	28.67	4.98
208	2015/05/12	09:52:32	1560.0756	5213.35	28.62	1560.0839	5208.23	28.67	5.09
209	2015/05/12	17:52:32	1568.0756	5202.41	28.62	1568.0839	5197.29	28.67	5.13
210	2015/05/13	01:52:32	1576.0756	5193.40	28.62	1576.0839	5188.42	28.67	4.98
211	2015/05/13	09:52:32	1584.0756	5183.98	28.62	1584.0839	5178.47	28.67	5.50
212	2015/05/13	17:52:32	1592.0756	5173.93	28.61	1592.0839	5168.83	28.67	5.08
213	2015/05/14	01:52:32	1600.0756	5163.92	28.61	1600.0839	5159.01	28.67	4.90
214	2015/05/14	09:52:32	1608.0756	5154.76	28.61	1608.0839	5149.67	28.67	5.07
215	2015/05/14	17:52:32	1616.0756	5144.51	28.61	1616.0839	5139.52	28.67	4.97
216	2015/05/15	01:52:32	1624.0756	5135.28	28.61	1624.0839	5130.09	28.66	5.18
217	2015/05/15	09:52:32	1632.0756	5125.18	28.61	1632.0839	5120.04	28.66	5.12
218	2015/05/15	17:52:32	1640.0756	5115.82	28.61	1640.0839	5110.74	28.66	5.08
219	2015/05/16	01:52:32	1648.0756	5106.80	28.61	1648.0839	5101.72	28.66	5.09
220	2015/05/16	09:52:32	1656.0756	5097.81	28.61	1656.0839	5092.74	28.66	5.07
221	2015/05/16	17:52:32	1664.0756	5088.81	28.61	1664.0839	5083.47	28.66	5.36
222	2015/05/17	01:52:32	1672.0756	5079.35	28.61	1672.0839	5074.42	28.66	4.94
223	2015/05/17	09:52:32	1680.0756	5070.77	28.61	1680.0839	5065.64	28.66	5.10
224	2015/05/17	17:52:32	1688.0756	5061.44	28.61	1688.0839	5056.39	28.66	5.04
225	2015/05/18	01:52:32	1696.0756	5052.52	28.61	1696.0839	5047.44	28.66	5.07
226	2015/05/18	09:52:32	1704.0756	5044.31	28.61	1704.0839	5039.19	28.66	5.08
227	2015/05/18	17:52:32	1712.0756	5035.14	28.61	1712.0839	5030.01	28.66	5.08
228	2015/05/19	01:52:32	1720.0756	5026.66	28.61	1720.0839	5021.45	28.66	5.17
229	2015/05/19	09:52:32	1728.0756	5018.19	28.61	1728.0839	5013.34	28.66	4.83
230	2015/05/19	17:52:32	1736.0756	5009.26	28.61	1736.0839	5004.11	28.66	5.17
231	2015/05/20	01:52:32	1744.0756	5000.93	28.61	1744.0839	4995.78	28.66	5.14
232	2015/05/20	09:52:32	1752.0756	4992.20	28.61	1752.0839	4987.27	28.66	4.93
233	2015/05/20	17:52:32	1760.0756	4983.69	28.61	1760.0839	4978.78	28.66	4.89
234	2015/05/21	01:52:32	1768.0756	4975.94	28.60	1768.0839	4970.78	28.66	5.09
235	2015/05/21	09:52:32	1776.0756	4966.95	28.60	1776.0839	4961.71	28.65	5.26
236	2015/05/21	17:52:32	1784.0756	4958.84	28.60	1784.0839	4953.73	28.65	5.08
237	2015/05/22	01:52:32	1792.0756	4951.48	28.60	1792.0839	4946.46	28.65	5.02
238	2015/05/22	09:52:32	1800.0756	4942.74	28.60	1800.0839	4937.65	28.65	5.08
239	2015/05/22	17:52:32	1808.0756	4934.94	28.60	1808.0839	4929.64	28.65	5.28
240	2015/05/23	01:52:32	1816.0756	4926.99	28.60	1816.0839	4921.94	28.65	5.05

LOWER Serial Number: 2579 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
UPPER Serial Number: 2577 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
Print Filter: Print every 8 hour

TUNDRA OIL & GAS PARTNERSHIP
104/13-29-008-28W1/00
Start Test Date: 2015/03/12
Final Test Date: 2015/06/12

RESERVOIR PRESSURE SURVEY
RECORDERS @ 831 mKBMD (761.426 TVD)

TUNDRA DALY SINCLAIR PROV HZNTL C13B-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	2015/05/23	09:52:32	1824.0756	4919.05	28.60	1824.0839	4914.03	28.65	4.97
242	2015/05/23	17:52:32	1832.0756	4911.05	28.60	1832.0839	4905.98	28.65	5.09
243	2015/05/24	01:52:32	1840.0756	4903.64	28.60	1840.0839	4898.56	28.65	5.08
244	2015/05/24	09:52:32	1848.0756	4895.66	28.60	1848.0839	4890.46	28.65	5.19
245	2015/05/24	17:52:32	1856.0756	4888.18	28.60	1856.0839	4883.27	28.65	4.92
246	2015/05/25	01:52:32	1864.0756	4880.54	28.60	1864.0839	4875.19	28.65	5.31
247	2015/05/25	09:52:32	1872.0756	4872.72	28.60	1872.0839	4867.64	28.65	5.04
248	2015/05/25	17:52:32	1880.0756	4865.37	28.60	1880.0839	4860.12	28.65	5.23
249	2015/05/26	01:52:32	1888.0756	4857.84	28.60	1888.0839	4852.69	28.65	5.13
250	2015/05/26	09:52:32	1896.0756	4850.49	28.60	1896.0839	4845.51	28.65	4.95
251	2015/05/26	17:52:32	1904.0756	4842.89	28.60	1904.0839	4837.96	28.65	4.92
252	2015/05/27	01:52:32	1912.0756	4835.73	28.60	1912.0839	4830.64	28.65	5.07
253	2015/05/27	09:52:32	1920.0756	4827.95	28.60	1920.0839	4822.78	28.65	5.19
254	2015/05/27	17:52:32	1928.0756	4821.31	28.60	1928.0839	4816.27	28.65	5.05
255	2015/05/28	01:52:32	1936.0756	4814.06	28.59	1936.0839	4809.02	28.65	5.03
256	2015/05/28	09:52:32	1944.0756	4805.61	28.59	1944.0839	4800.50	28.65	5.08
257	2015/05/28	17:52:32	1952.0756	4799.51	28.59	1952.0839	4794.44	28.65	5.04
258	2015/05/29	01:52:32	1960.0756	4792.99	28.59	1960.0839	4787.93	28.65	5.02
259	2015/05/29	09:52:32	1968.0756	4785.94	28.59	1968.0839	4780.88	28.65	5.08
260	2015/05/29	17:52:32	1976.0756	4779.01	28.59	1976.0839	4773.98	28.65	5.03
261	2015/05/30	01:52:32	1984.0756	4772.01	28.59	1984.0839	4767.03	28.65	4.96
262	2015/05/30	09:52:32	1992.0756	4765.55	28.59	1992.0839	4760.46	28.64	5.09
263	2015/05/30	17:52:32	2000.0756	4758.76	28.59	2000.0839	4753.67	28.64	5.10
264	2015/05/31	01:52:32	2008.0756	4752.33	28.59	2008.0839	4747.14	28.64	5.17
265	2015/05/31	09:52:32	2016.0756	4745.00	28.59	2016.0839	4739.97	28.64	5.06
266	2015/05/31	17:52:32	2024.0756	4738.59	28.59	2024.0839	4733.40	28.64	5.18
267	2015/06/01	01:52:32	2032.0756	4732.07	28.59	2032.0839	4726.84	28.64	5.20
268	2015/06/01	09:52:32	2040.0756	4725.46	28.59	2040.0839	4720.41	28.64	5.05
269	2015/06/01	17:52:32	2048.0756	4718.89	28.59	2048.0922	4713.62	28.64	5.26
270	2015/06/02	01:52:32	2056.0756	4712.21	28.59	2056.0922	4707.04	28.64	5.12
271	2015/06/02	09:52:32	2064.0756	4706.10	28.59	2064.0922	4700.93	28.64	5.19
272	2015/06/02	17:52:32	2072.0756	4698.60	28.59	2072.0922	4693.32	28.64	5.28
273	2015/06/03	01:52:32	2080.0756	4693.11	28.59	2080.0922	4687.97	28.64	5.14
274	2015/06/03	09:52:32	2088.0756	4687.10	28.59	2088.0922	4681.93	28.64	5.18
275	2015/06/03	17:52:32	2096.0756	4680.42	28.58	2096.0922	4675.24	28.64	5.20
276	2015/06/04	01:52:32	2104.0756	4674.58	28.59	2104.0922	4669.32	28.64	5.24
277	2015/06/04	09:52:32	2112.0756	4668.61	28.58	2112.0922	4663.38	28.64	5.22
278	2015/06/04	17:52:32	2120.0756	4662.41	28.58	2120.0922	4657.26	28.64	5.13
279	2015/06/05	01:52:32	2128.0756	4655.66	28.58	2128.0922	4650.51	28.64	5.09
280	2015/06/05	09:52:32	2136.0756	4650.15	28.58	2136.0922	4644.93	28.64	5.19

LOWER Serial Number: 2579 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
UPPER Serial Number: 2577 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
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TUNDRA OIL & GAS PARTNERSHIP
104/13-29-008-28W1/00
Start Test Date: 2015/03/12
Final Test Date: 2015/06/12

RESERVOIR PRESSURE SURVEY
RECORDERS @ 831 mKBMD (761.426 TVD)

TUNDRA DALY SINCLAIR PROV HZNTL C13B-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
281	2015/06/05	17:52:32	2144.0756	4643.73	28.58	2144.0922	4638.61	28.64	5.10
282	2015/06/06	01:52:32	2152.0756	4638.20	28.58	2152.0922	4633.04	28.64	5.17
283	2015/06/06	09:52:32	2160.0756	4631.97	28.58	2160.0922	4626.93	28.64	5.08
284	2015/06/06	17:52:32	2168.0756	4625.35	28.58	2168.0922	4620.08	28.64	5.26
285	2015/06/07	01:52:32	2176.0756	4619.94	28.58	2176.0922	4614.77	28.64	5.17
286	2015/06/07	09:52:32	2184.0756	4614.31	28.58	2184.0922	4609.03	28.64	5.24
287	2015/06/07	17:52:32	2192.0756	4608.02	28.58	2192.0922	4602.81	28.63	5.21
288	2015/06/08	01:52:32	2200.0756	4601.43	28.58	2200.0922	4596.20	28.63	5.21
289	2015/06/08	09:52:32	2208.0756	4596.40	28.58	2208.0922	4591.20	28.63	5.25
290	2015/06/08	17:52:32	2216.0756	4590.62	28.58	2216.0922	4585.35	28.63	5.22
291	2015/06/09	01:52:32	2224.0756	4584.94	28.58	2224.0922	4579.76	28.63	5.08
292	2015/06/09	09:52:32	2232.0756	4579.23	28.58	2232.0922	4574.09	28.63	5.07
293	2015/06/09	17:52:32	2240.0756	4573.49	28.58	2240.0922	4568.30	28.63	5.17
294	2015/06/10	01:52:32	2248.0756	4568.23	28.58	2248.0922	4563.07	28.63	5.21
295	2015/06/10	09:52:32	2256.0756	4562.27	28.58	2256.0922	4557.05	28.63	5.23
296	2015/06/10	17:52:32	2264.0756	4556.99	28.58	2264.0922	4551.81	28.63	5.20
297	2015/06/11	01:52:32	2272.0756	4551.67	28.58	2272.0922	4546.54	28.63	5.12
298	2015/06/11	09:52:32	2280.0756	4545.93	28.58	2280.0922	4540.66	28.63	5.29
299	2015/06/11	17:52:32	2288.0756	4540.61	28.58	2288.0922	4535.43	28.63	5.13
300	2015/06/12	01:52:32	2296.0756	4535.33	28.58	2296.0922	4530.10	28.63	5.22
301	2015/06/12	09:52:32	2304.0756	4529.75	28.58	2304.0922	4524.68	28.63	5.10
302	2015/06/12	10:37:02	2304.8172	4531.76	28.60	2304.8172	4526.52	28.66	5.23
303	2015/06/12	10:37:02	2304.8172	FINAL PRESSURE, UNSETTING WR PLUG					
304	2015/06/12	10:37:32	2304.8256	7555.88	28.65	2304.8256	7434.68	28.67	121.20
305	2015/06/12	10:38:02	2304.8339	7442.68	28.62	2304.8339	7452.74	28.68	-10.05
306	2015/06/12	10:38:02	2304.8339	WR PLUG IS UNSET					
307	2015/06/12	10:38:32	2304.8422	7429.21	28.63	2304.8422	7444.77	28.68	-15.55
308	2015/06/12	10:59:02	2305.1839	7419.29	28.58	2305.1839	7340.39	28.61	78.90
309	2015/06/12	10:59:02	2305.1839	TOOLS ARE PULLED FROM WELL BY SERVICE RIG					
310	2015/06/12	10:59:32	2305.1922	7045.37	28.55	2305.1922	7334.68	28.59	-289.31
311	2015/06/12	11:48:02	2306.0006	100.61	7.76	2306.0005	100.61	7.79	0.00
312	2015/06/12	11:48:02	2306.0006	RECORDERS AT SURFACE					
313	2015/06/12	11:48:32	2306.0089	100.66	7.75	2306.0089	100.61	7.78	0.05
314	2015/06/12	14:07:02	2308.3172	103.24	32.72	2308.3172	100.82	32.68	2.42

LOWER Serial Number: 2579 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
UPPER Serial Number: 2577 Start Date: 2015/03/08 09:48:00 Run Depth: 831.00
Print Filter: Print every 8 hour



DATE: March 12 - June 12, 2015	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Sinclair (13-28) Hz 13-29-8-28 WPM	ADDRESS: Virden, MB
LOCATION: (13-28)13-29-8-28WPM	UWI:104.13-29-008-28W1.00
FIELD: Sinclair	FORMATION: Lodgepole
CO HQ REP: Geoff [REDACTED]	PHONE: 204-934-6179
FIELD REP: Kirt [REDACTED]	PHONE: 204-851-3369

REPORTS TO (NAME & EMAIL ADDRESS):

Brett [REDACTED] - brett.howell@tundraoilandgas.com
 Robert [REDACTED] - robert.prefontaine@tundraoilandgas.com
 Adam [REDACTED] - adam.berke@tundraoilandgas.com
 Shirley [REDACTED] - shirley.angus@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
 Eric [REDACTED] - eric.bjornsson@tundraoilandgas.com
 Jane [REDACTED] - jane.mctaggart@tundraoilandgas.com
 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 well (pre frac)		TEST TYPE: build up	
ESTIMATED H2S CONTENT: unknown		ESTIMATED CO2 CONTENT: 0%	
PRODUCING THROUGH: tubing		SHUT IN TIME/DATE: 10:43 Mar 12, 2015	
KOP: 559 mKB	TVD: see survey		LICENCE #: 10320
PBTD: 2300.37 mKB	TD: 2301.00 mKB		WELL TYPE: horizontal
CASING SIZE: 139.7 & 114.3 mm	CSG WEIGHT: 23.06 & 17.26 kg/m		CSG DEPTH: 2301 mKB X-over @ 865.3 mKB
TUBING SIZE: none	TBG WEIGHT: n/a		TBG DEPTH: n/a
Elevations KB: 500.87 m	GRD: 496.77 m		CF: 496.97 m

PRODUCING INTERVAL

TYPE: frac ports	SIZE: n/a	INTERVAL: (mKB) 2263.41, 2219.28, 2175.16, 2131.03, 2086.92, 2042.78, 1998.67, 1954.63, 1910.49, 1866.35, 1822.21, 1778.14, 1734.03, 1689.86, 1645.74, 1601.62, 1557.51, 1513.39, 1469.23, 1425.08, 1380.95, 1336.79, 1292.64, 1248.51, 1204.37, 1160.22, 1116.10, 1071.87, 1027.71, 983.56, 939.43, 895.27
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RECORDER INFORMATION

TOP S/N: 2577	FILE NAME: 13-28-13-29-8-28w1t	RANGE: 20,680 kPa
BOTTOM S/N: 2579	FILE NAME: 13-28-13-29-8-28w1b	RANGE: 20,680 kPa
TOP BATTERY S/N: PPS1066C	BOTTOM BATTERY S/N: PPS1115C	
CONNECT TIME: 09:45 Mar 8, 2015	DISCONNECT TIME: 14:09 Jun 12, 2015	

SURFACE TEMP: 24 deg C	LEASE CONDITION: good
WIRELINE OPERATOR: Bart [REDACTED]	PHONE: 306-421-9700
WIRELINE ASSISTANT: n/a	
DIRECTIONS:	

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: 831 mKB
TIME ON BOTTOM: 10:43 Mar 12, 2015	TIME OFF BOTTOM: 10:59 Jun 12, 2015

GRADIENT STOPS

DEPTH mKB:	none	FROM:	n/a	UNTIL:	n/a
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COMMENTS: ONLY FRAC PORT 2 @ 2219.28 mKB WAS OPEN DURING TEST

DESCRIPTION OF WORK DONE:

March 12, 2015

08:58 Pressure test coil stack.

09:42 RIH with recorders below a Tryton WR plug with coil tubing.

10:43 Tools are at set depth, set WR.

June 12, 2015

10:38 WR is unset.

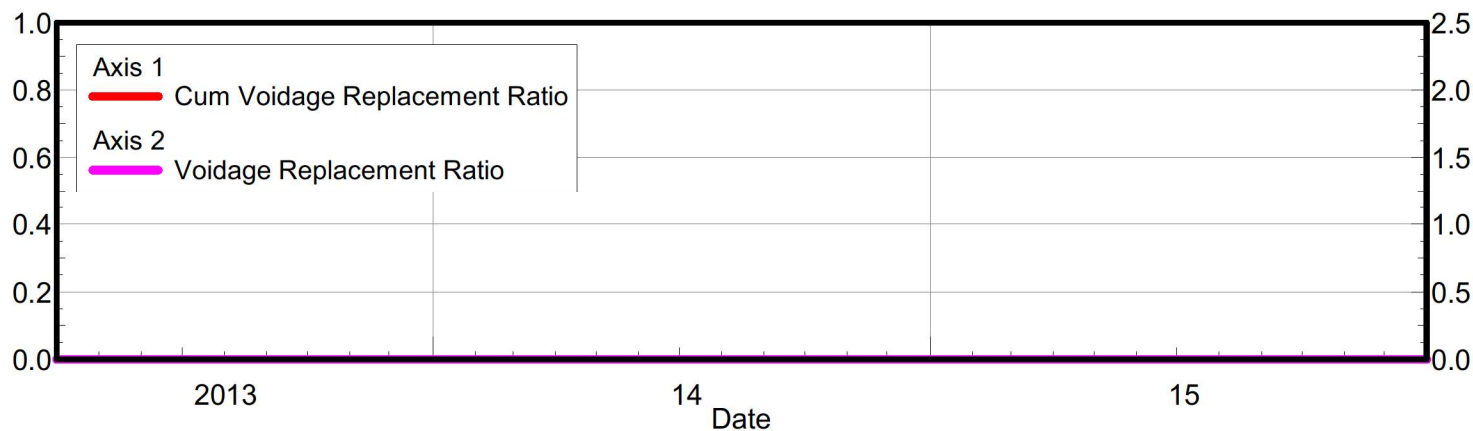
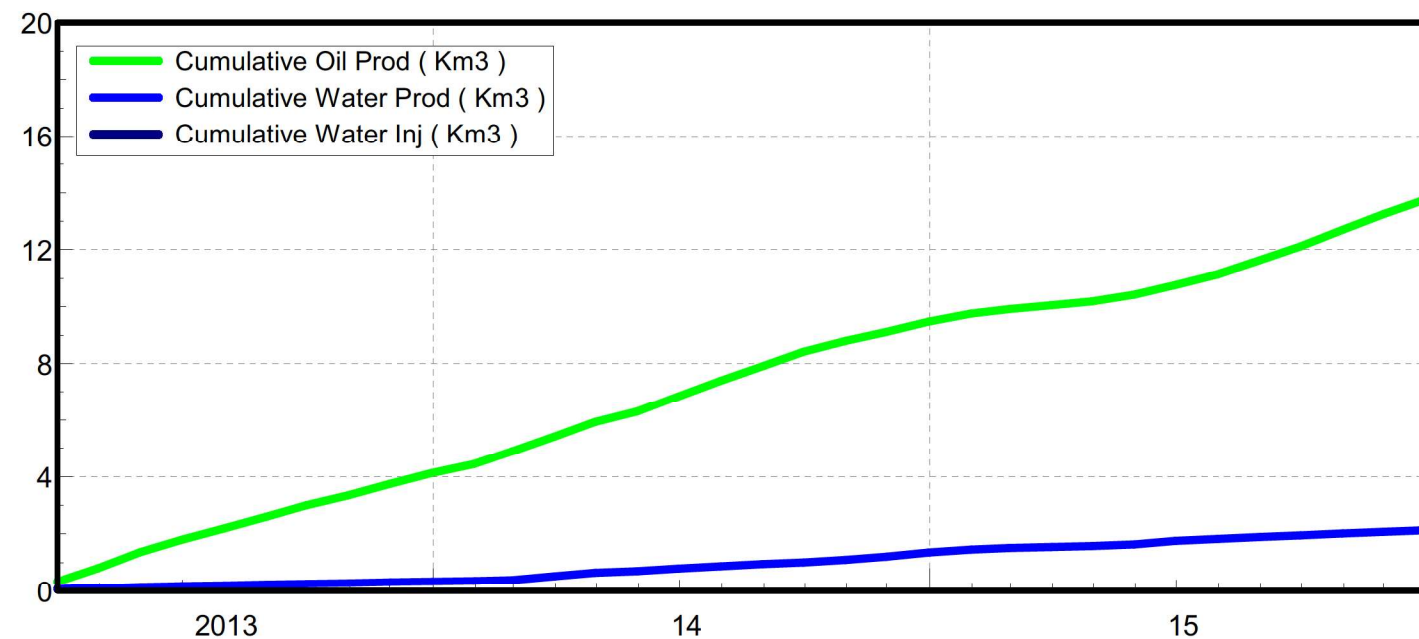
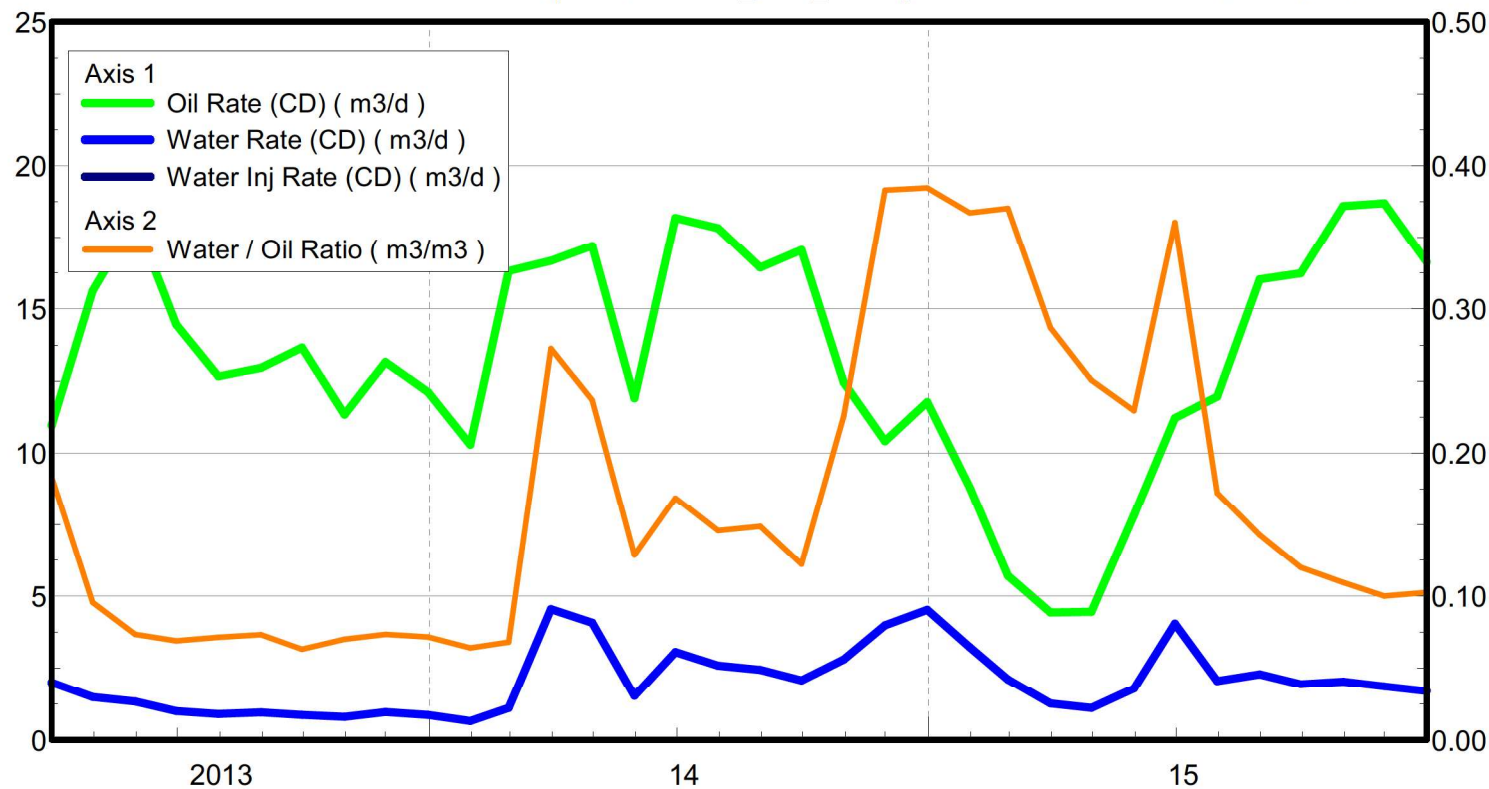
10:59 Tools are pulled from the well by a service rig.

11:48 Recorders are at surface.

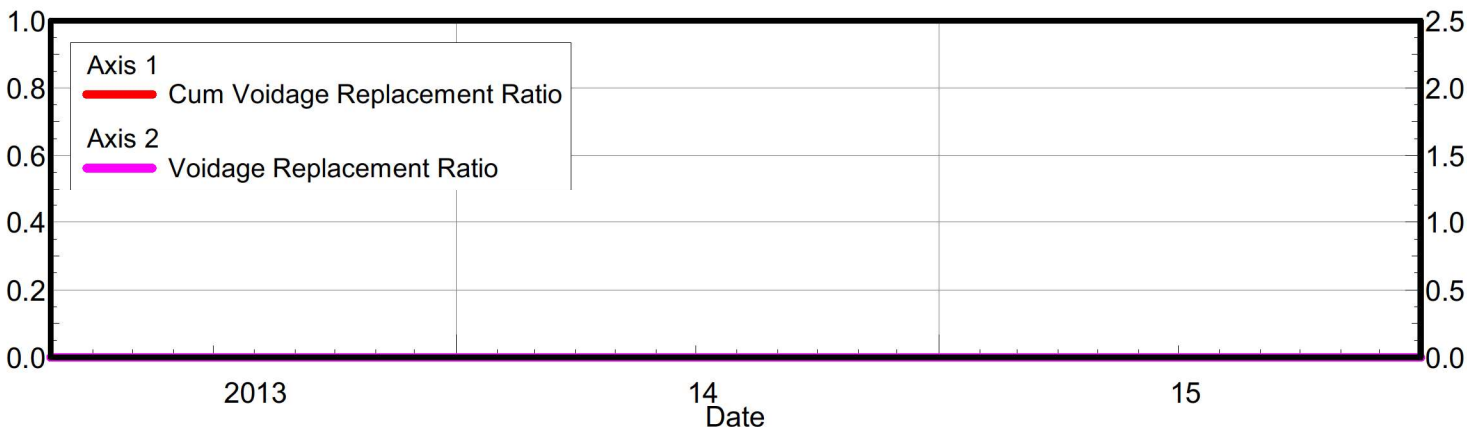
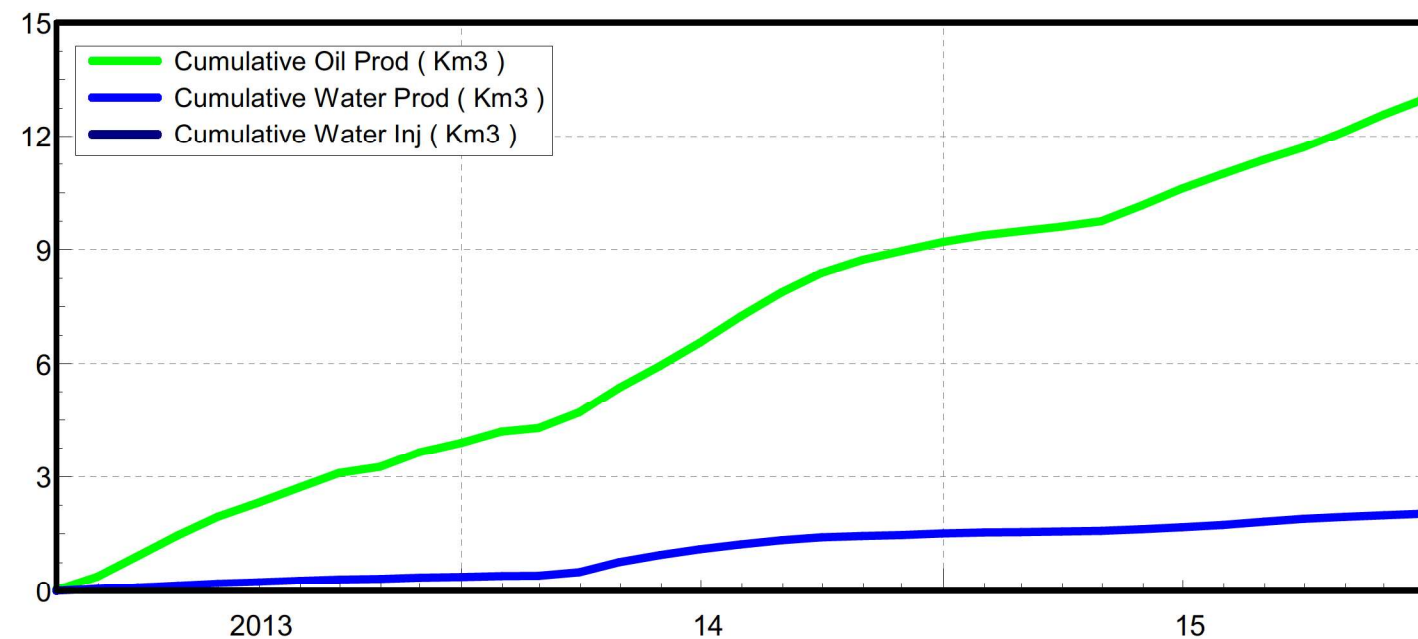
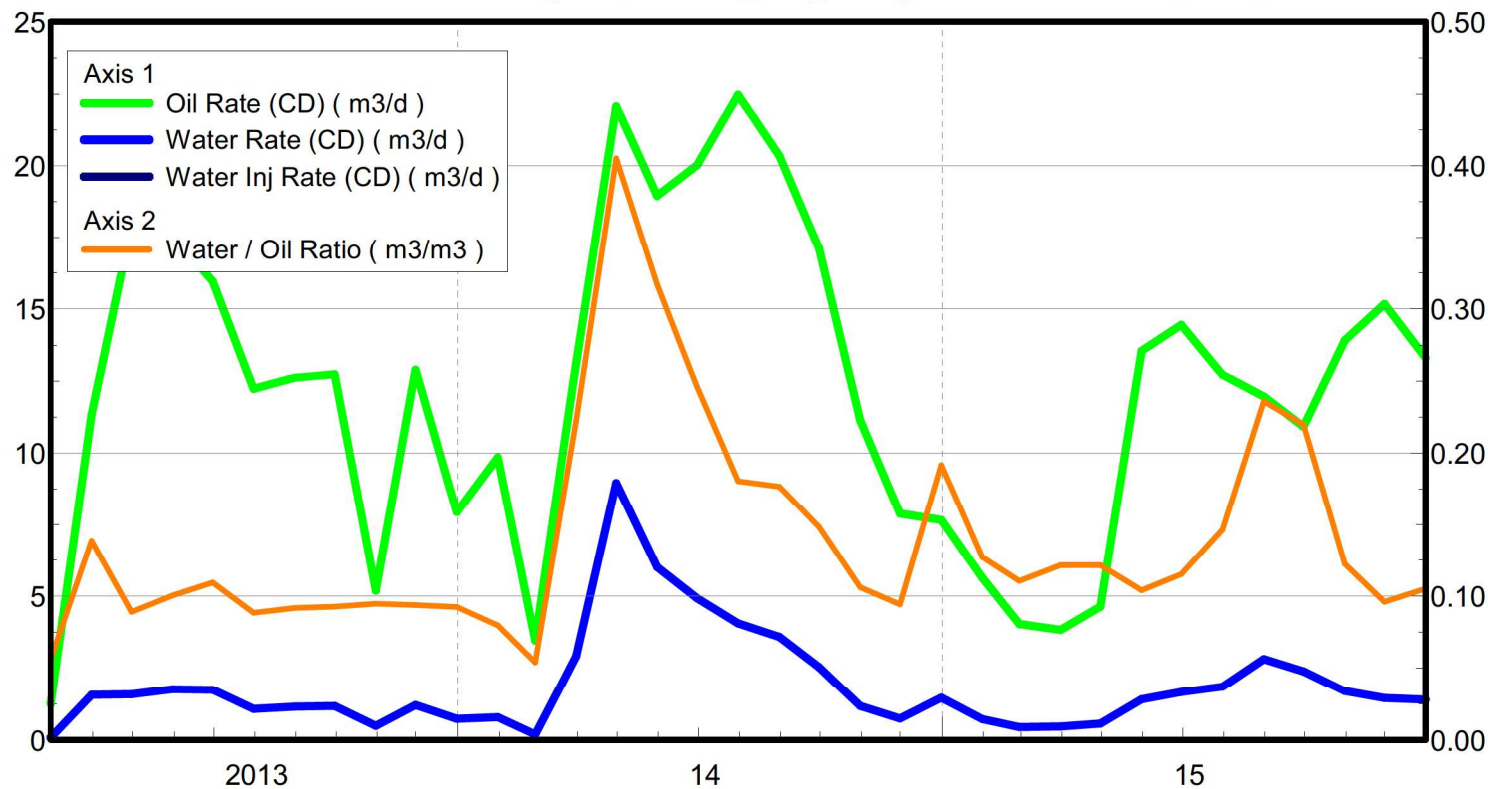
14:09 Download data from recorders.

Appendix D
Rates and VRR Plots

Oil Formation Vol Factor : 0.33 m³/m³ Pattern: 03/05-29-008-28Inj Set: EwartUnit#9LP Oil Rate (CD) : 20.31 m³/d
 Water Formation Vol Factor : 1.00000 m³/m³ June 17, 2016 Water Rate (CD) : 2.13 m³/d
 Water / Oil Ratio : 0.10 m³/m³ Operator: Tundra_O&G_Prtshp Water Inj Rate (CD) : * m³/d



Oil Formation Vol Factor : 0.83 m³/m³ Pattern: 04/12-29-008-28Inj Set: EwartUnit#9LP Oil Rate (CD) : 12.94 m³/d
 Water Formation Vol Factor : 1.00000 m³/m³ June 17, 2016 Water Rate (CD) : 0.92 m³/d
 Water / Oil Ratio : 0.07 m³/m³ Operator: Tundra_O&G_Prtnsph Water Inj Rate (CD) : 1.74 m³/d



Oil Formation Vol Factor : 0.73 m³/m³ Pattern: 04/13-29-008-28Inj Set: EwartUnit#9LP Oil Rate (CD) : 29.33 m³/d
 Water Formation Vol Factor : 1.00000 m³/m³ June 17, 2016 Water Rate (CD) : 5.76 m³/d
 Water / Oil Ratio : 0.20 m³/m³ Operator: Tundra_O&G_Prtnshp Water Inj Rate (CD) : * m³/d

