



## TUNDRA OIL & GAS PARTNERSHIP

EWART UNIT No. 1 HZNTL (5B-9) 8A-9-8-28

102/08-09-008-28W1/0

LICENSE #: 9066

BAKKEN FORMATION

Open Hole: 1027 – 2292 mKBMD  
(914.78 – 909.74 TVD)

RESERVOIR PRESSURE SURVEY DATA  
NOVEMBER 15<sup>th</sup> - DECEMBER 8<sup>th</sup>, 2012

Prepared by: **DOLLCO Well Data Services**  
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# Pressure Survey Report

## Company Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Contact	CRAIG LANE
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Site Contact	BRENT DALZIEL
Site Phone	(204) 522-0864

## Well Information

Well Name	EWART UNIT No. 1 HZNTL (5B-9) 8A-9-8-28
Unique Well ID	102/08-09-008-29W1/00
Surface Location	5B-9 / 8A-9-8-28W1
Well License Number	9066
Well Type	Horizontal
Well Fluid Type	01 Oil
Field	EWART UNIT No. 1

KB Elevation (SL)	501.65 m
CF Elevation (SL)	497.55 m
GL Elevation (SL)	498.26 m
Distance from KB to CF (Log)	4.10 m
KB-GL Offset	3.39 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)	1027.00 m
Casing Depth(TVD KB)	914.78 m
PBTD(Log KB)	m
PBTD(TVD KB)	m



# Pressure Survey Report

## Test Information

Well Name EWART UNIT No. 1 HZNTL (5B-9) 8A-9-8-28  
Unique Well ID 102/08-09-008-29W1/00  
Surface Location 5B-9 / 8A-9-8-28W1  
Well License Number 9066

Well Fluid Type 01 Oil  
Test Purpose Initial Test  
Test Type RESERVOIR PRESSURE SURVEY  
Formation BAKKEN  
Pool  
Well Type Indicator Horizontal  
Test/Prod. Interval Top KB (Log) 1027.00 m  
Test/Prod. Interval Base KB (Log) 2292.00 m  
MPP(Log KB) 1659.50 m  
Test/Prod Interval Top KB (TVD) 914.78 m  
Test/Prod. Interval Base m KB (TVD) 909.74 m  
MPP(TVD KB) 912.26 m

Date/Time Gauge on Bottom 2012/11/15 02:31:00  
Date/Time Gauge Off Bottom 2012/11/15 17:03:00  
Time/Date Well Shut-In 2012/11/15 02:32:00

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

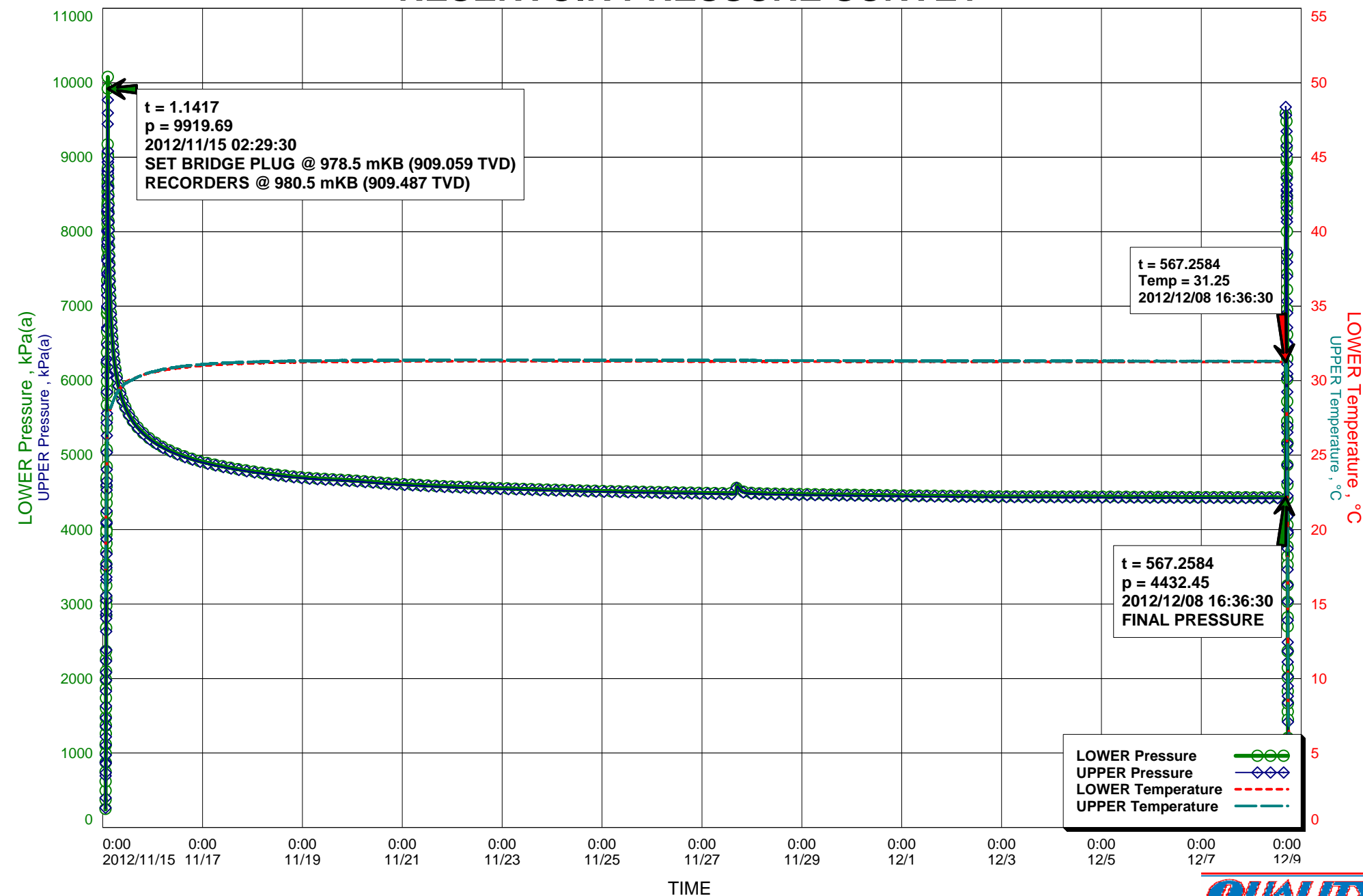
Last Measured Pressure at Run Depth 4432.45 kPa(a)  
Reservoir Temperature 31.25 °C

Service Company Quality Wireline Services Ltd.  
Representative IVORY HERMAN  
Prepared By DOLLCO Well Data Services  
Qualified By RICK DOLL  
Report Date 2012/12/31

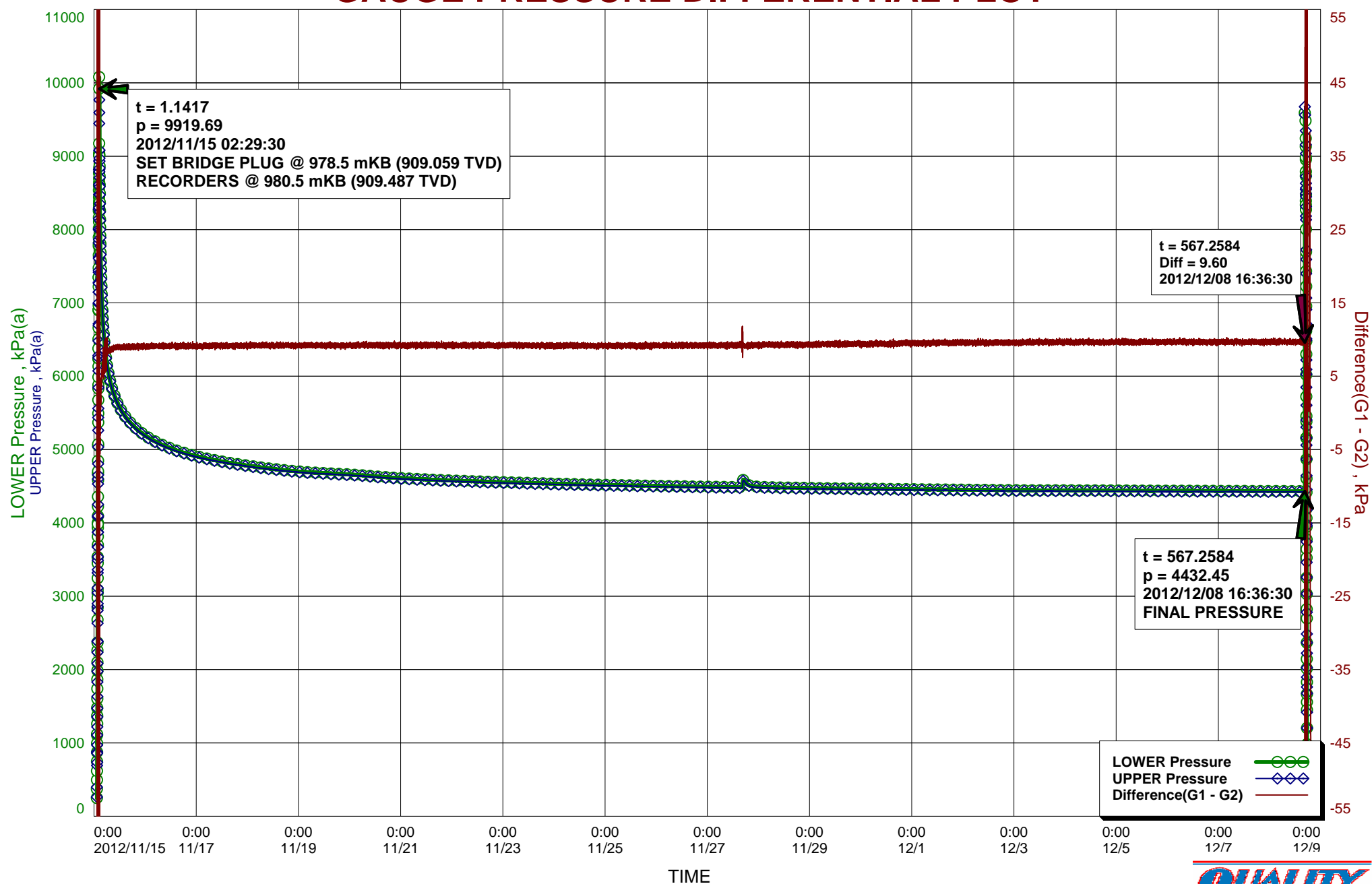
RECORDERS RUN BELOW A BRIDGE PLUG BY A DRILLING RIG,  
AND THEN PULLED BY A SERVICE RIG  
OPEN HOLE: 1027 - 2292 mKBMD (914.78 - 909.74 mKBMD



# RESERVOIR PRESSURE SURVEY



# GAUGE PRESSURE DIFFERENTIAL PLOT



# Recorder Information

Company Name	TUNDRA OIL & GAS PARTNERSHIP
Unique Well ID	102/08-09-008-29W1/00
Well Name	EWART UNIT No. 1 HZNTL (5B-9) 8A-9-8-28
Formation	BAKKEN
Start Test Date	2012/11/15
Final Test Date	2012/12/08

## Gauge 1

Gauge Name	LOWER	Gauge Type	ELECTRONIC
Gauge Serial Number	40424	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	980.50 m	Gauge Model	KC2 STRAIN
Date of Last Calibration	2010/05/11	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2012/11/15	Gauge Start Time	01:21:00
Gauge Stop Date	2012/12/08	Gauge Stop Time	21:00:00
Date Gauge On Bottom	2012/11/15	Time Gauge On Bottom	02:31:00
Date Gauge Off Bottom	2012/11/15	Time Gauge Off Bottom	17:03:00

## Gauge 2

Gauge Name	UPPER	Gauge Type	ELECTRONIC
Gauge Serial Number	40419	Gauge Manufacturer	REAL TIME MEASUREMENTS
Run Depth (Log KB)	980.20 m	Gauge Model	KC2 STRAIN
Date of Last Calibration	2011/09/14	Maximum Recorder Range	20680.00 kPa
Gauge Start Date	2012/11/15	Gauge Start Time	01:21:00
Gauge Stop Date	2012/12/08	Gauge Stop Time	21:00:00
Date Gauge On Bottom	2012/11/15	Time Gauge On Bottom	02:32:00
Date Gauge Off Bottom	2012/12/08	Time Gauge Off Bottom	17:03:00

## RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
1	2012/11/15	01:21:00	0.0000	249.13	17.35	0.0000	263.55	15.49
2	2012/11/15	01:21:00	0.0000	RIH, ACTIVATE RECORDERS S/N: 40424(L) & 40419(U)				
3	2012/11/15	01:21:30	0.0084	248.29	17.62	0.0084	261.88	16.06
4	2012/11/15	02:31:00	1.1667	9065.90	27.91	1.1667	8868.03	28.04
5	2012/11/15	02:31:00	1.1667	RECORDERS ON BOTTOM @ 980.5 mKB (909.487 TVD)				
6	2012/11/15	02:31:30	1.1750	9065.13	27.84	1.1750	9001.64	27.99
7	2012/11/15	02:32:00	1.1834	9111.72	27.79	1.1834	9029.17	27.95
8	2012/11/15	02:32:00	1.1834	SET BRIDGE PLUG @ 978.5 mKB (909.059 TVD)				
9	2012/11/15	02:32:30	1.1917	8946.45	27.65	1.1917	9082.54	27.90
10	2012/11/15	03:21:30	2.0084	7362.77	27.91	2.0084	7359.15	27.98
11	2012/11/15	05:21:30	4.0084	6323.58	28.72	4.0084	6315.98	28.74
12	2012/11/15	07:21:30	6.0084	5960.11	29.29	6.0084	5951.48	29.28
13	2012/11/15	09:21:30	8.0084	5754.46	29.66	8.0084	5745.64	29.65
14	2012/11/15	11:21:30	10.0084	5613.67	29.91	10.0084	5605.00	29.86
15	2012/11/15	13:21:30	12.0084	5507.97	30.06	12.0084	5498.78	30.00
16	2012/11/15	15:21:30	14.0084	5424.74	30.16	14.0084	5415.41	30.14
17	2012/11/15	17:21:30	16.0084	5356.44	30.28	16.0084	5347.27	30.28
18	2012/11/15	19:21:30	18.0084	5298.76	30.39	18.0084	5289.66	30.39
19	2012/11/15	21:21:30	20.0084	5248.77	30.48	20.0084	5239.65	30.49
20	2012/11/15	23:21:30	22.0084	5205.00	30.55	22.0084	5195.81	30.58
21	2012/11/16	01:21:30	24.0084	5166.43	30.60	24.0084	5157.25	30.64
22	2012/11/16	03:21:30	26.0084	5131.69	30.66	26.0084	5122.70	30.71
23	2012/11/16	05:21:30	28.0084	5100.73	30.72	28.0084	5091.59	30.77
24	2012/11/16	07:21:30	30.0084	5072.76	30.76	30.0084	5063.55	30.82
25	2012/11/16	09:22:00	32.0167	5047.08	30.80	32.0084	5038.08	30.86
26	2012/11/16	11:22:00	34.0167	5023.50	30.83	34.0084	5014.35	30.90
27	2012/11/16	13:22:00	36.0167	5001.83	30.86	36.0084	4992.76	30.95
28	2012/11/16	15:22:00	38.0167	4982.11	30.90	38.0084	4972.88	30.98
29	2012/11/16	17:22:00	40.0167	4963.58	30.93	40.0084	4954.24	31.01
30	2012/11/16	19:22:00	42.0167	4946.03	30.96	42.0084	4937.28	31.04
31	2012/11/16	21:22:00	44.0167	4930.09	30.98	44.0084	4920.68	31.06
32	2012/11/16	23:22:00	46.0167	4914.89	31.00	46.0084	4905.62	31.09
33	2012/11/17	01:22:00	48.0167	4900.55	31.02	48.0084	4891.23	31.10
34	2012/11/17	03:22:00	50.0167	4887.25	31.04	50.0084	4878.12	31.13
35	2012/11/17	05:22:00	52.0167	4874.57	31.06	52.0084	4865.64	31.15
36	2012/11/17	07:22:00	54.0167	4862.85	31.07	54.0084	4853.79	31.16
37	2012/11/17	09:22:00	56.0167	4851.78	31.09	56.0084	4842.40	31.18
38	2012/11/17	11:22:00	58.0167	4840.46	31.10	58.0084	4831.66	31.19
39	2012/11/17	13:22:00	60.0167	4830.15	31.12	60.0084	4821.10	31.20
40	2012/11/17	15:22:00	62.0167	4820.18	31.13	62.0084	4811.07	31.22

LOWER Serial Number: 40424 Start Date: 2012/11/15 01:21:00 Run Depth: 980.50

UPPER Serial Number: 40419 Start Date: 2012/11/15 01:21:00 Run Depth: 980.20

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
41	2012/11/17	17:22:00	64.0167	4810.64	31.15	64.0167	4801.38	31.22
42	2012/11/17	19:22:00	66.0167	4801.48	31.16	66.0167	4792.10	31.23
43	2012/11/17	21:22:00	68.0167	4792.50	31.17	68.0167	4783.27	31.25
44	2012/11/17	23:22:00	70.0167	4783.67	31.17	70.0167	4774.50	31.26
45	2012/11/18	01:22:00	72.0167	4775.23	31.18	72.0167	4766.08	31.26
46	2012/11/18	03:22:00	74.0167	4766.95	31.19	74.0167	4757.98	31.27
47	2012/11/18	05:22:00	76.0167	4759.53	31.20	76.0167	4750.37	31.27
48	2012/11/18	07:22:00	78.0167	4752.08	31.21	78.0167	4742.82	31.29
49	2012/11/18	09:22:00	80.0167	4745.02	31.21	80.0167	4735.62	31.29
50	2012/11/18	11:22:00	82.0167	4737.94	31.22	82.0167	4729.03	31.30
51	2012/11/18	13:22:00	84.0167	4731.45	31.22	84.0167	4722.33	31.31
52	2012/11/18	15:22:00	86.0167	4724.86	31.23	86.0167	4715.73	31.31
53	2012/11/18	17:22:00	88.0167	4718.65	31.23	88.0167	4709.60	31.31
54	2012/11/18	19:22:00	90.0167	4713.00	31.24	90.0167	4703.89	31.32
55	2012/11/18	21:22:00	92.0167	4707.80	31.24	92.0167	4698.37	31.32
56	2012/11/18	23:22:00	94.0167	4702.56	31.25	94.0167	4693.19	31.32
57	2012/11/19	01:22:00	96.0167	4697.74	31.25	96.0167	4688.36	31.33
58	2012/11/19	03:22:00	98.0167	4693.14	31.25	98.0167	4684.11	31.33
59	2012/11/19	05:22:00	100.0167	4689.29	31.25	100.0167	4679.92	31.34
60	2012/11/19	07:22:00	102.0167	4685.70	31.26	102.0167	4676.47	31.33
61	2012/11/19	09:22:00	104.0167	4682.23	31.27	104.0167	4673.27	31.34
62	2012/11/19	11:22:00	106.0167	4679.18	31.27	106.0167	4670.22	31.35
63	2012/11/19	13:22:00	108.0167	4676.56	31.27	108.0167	4667.45	31.34
64	2012/11/19	15:22:00	110.0167	4673.86	31.27	110.0167	4664.69	31.35
65	2012/11/19	17:22:00	112.0167	4670.41	31.27	112.0167	4661.09	31.35
66	2012/11/19	19:22:00	114.0167	4667.23	31.27	114.0167	4657.94	31.35
67	2012/11/19	21:22:00	116.0167	4664.16	31.28	116.0167	4655.08	31.36
68	2012/11/19	23:22:00	118.0167	4660.70	31.28	118.0167	4651.64	31.36
69	2012/11/20	01:22:00	120.0167	4657.15	31.28	120.0167	4647.84	31.36
70	2012/11/20	03:22:00	122.0167	4653.39	31.28	122.0167	4644.24	31.36
71	2012/11/20	05:22:00	124.0167	4649.48	31.29	124.0167	4640.14	31.37
72	2012/11/20	07:22:00	126.0167	4644.69	31.29	126.0167	4635.53	31.36
73	2012/11/20	09:22:00	128.0167	4640.37	31.29	128.0167	4631.28	31.37
74	2012/11/20	11:22:00	130.0167	4635.88	31.29	130.0167	4626.47	31.36
75	2012/11/20	13:22:00	132.0167	4631.29	31.29	132.0167	4621.70	31.36
76	2012/11/20	15:22:00	134.0167	4626.49	31.29	134.0167	4617.43	31.37
77	2012/11/20	17:22:00	136.0167	4622.19	31.30	136.0167	4612.90	31.38
78	2012/11/20	19:22:00	138.0167	4618.43	31.30	138.0167	4608.87	31.38
79	2012/11/20	21:22:00	140.0167	4614.83	31.30	140.0167	4605.51	31.38
80	2012/11/20	23:22:00	142.0167	4611.65	31.30	142.0167	4602.36	31.38

LOWER Serial Number: 40424 Start Date: 2012/11/15 01:21:00 Run Depth: 980.50

UPPER Serial Number: 40419 Start Date: 2012/11/15 01:21:00 Run Depth: 980.20

Print Filter: Print every 2 hour



## TUNDRA OIL &amp; GAS PARTNERSHIP

102/08-09-008-29W1/00

Start Test Date: 2012/11/15

Final Test Date: 2012/12/08

EWART UNIT No. 1 HZNTL (5B-9) 8A-9-8-28

Formation: BAKKEN

## RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
81	2012/11/21	01:22:00	144.0167	4608.34	31.30	144.0167	4599.32	31.38
82	2012/11/21	03:22:00	146.0167	4605.13	31.30	146.0167	4596.09	31.39
83	2012/11/21	05:22:00	148.0167	4602.31	31.30	148.0167	4593.07	31.38
84	2012/11/21	07:22:00	150.0167	4599.33	31.30	150.0167	4589.87	31.37
85	2012/11/21	09:22:00	152.0167	4596.35	31.30	152.0167	4586.90	31.38
86	2012/11/21	11:22:00	154.0167	4593.66	31.30	154.0167	4584.40	31.39
87	2012/11/21	13:22:00	156.0167	4590.89	31.30	156.0167	4581.58	31.38
88	2012/11/21	15:22:00	158.0167	4588.16	31.30	158.0167	4578.82	31.38
89	2012/11/21	17:22:00	160.0167	4585.50	31.30	160.0167	4576.08	31.38
90	2012/11/21	19:22:00	162.0167	4582.92	31.30	162.0167	4573.89	31.39
91	2012/11/21	21:22:00	164.0167	4580.70	31.30	164.0167	4571.54	31.39
92	2012/11/21	23:22:00	166.0167	4578.48	31.30	166.0167	4569.05	31.39
93	2012/11/22	01:22:00	168.0167	4575.88	31.30	168.0167	4566.87	31.39
94	2012/11/22	03:22:00	170.0167	4574.10	31.30	170.0167	4565.07	31.39
95	2012/11/22	05:22:00	172.0167	4571.74	31.31	172.0167	4562.75	31.39
96	2012/11/22	07:22:00	174.0167	4569.70	31.31	174.0167	4560.51	31.39
97	2012/11/22	09:22:00	176.0167	4567.71	31.31	176.0167	4558.80	31.39
98	2012/11/22	11:22:00	178.0167	4565.78	31.30	178.0167	4556.84	31.38
99	2012/11/22	13:22:00	180.0167	4563.81	31.30	180.0167	4554.52	31.39
100	2012/11/22	15:22:00	182.0167	4562.08	31.30	182.0167	4552.82	31.38
101	2012/11/22	17:22:00	184.0167	4560.35	31.30	184.0167	4551.10	31.38
102	2012/11/22	19:22:00	186.0167	4558.28	31.30	186.0167	4549.06	31.39
103	2012/11/22	21:22:00	188.0167	4556.46	31.31	188.0167	4547.18	31.39
104	2012/11/22	23:22:00	190.0167	4554.95	31.30	190.0167	4545.54	31.39
105	2012/11/23	01:22:00	192.0167	4553.18	31.30	192.0167	4543.96	31.38
106	2012/11/23	03:22:00	194.0167	4551.34	31.31	194.0167	4542.22	31.38
107	2012/11/23	05:22:00	196.0167	4549.70	31.30	196.0167	4540.34	31.38
108	2012/11/23	07:22:00	198.0167	4547.95	31.30	198.0167	4539.03	31.39
109	2012/11/23	09:22:00	200.0167	4546.30	31.30	200.0167	4537.22	31.39
110	2012/11/23	11:22:00	202.0167	4544.73	31.30	202.0167	4535.50	31.39
111	2012/11/23	13:22:00	204.0167	4542.79	31.30	204.0167	4533.99	31.39
112	2012/11/23	15:22:00	206.0167	4541.60	31.30	206.0167	4532.22	31.39
113	2012/11/23	17:22:00	208.0167	4539.80	31.30	208.0167	4530.64	31.39
114	2012/11/23	19:22:00	210.0167	4538.20	31.30	210.0167	4528.91	31.38
115	2012/11/23	21:22:00	212.0167	4536.50	31.30	212.0167	4527.19	31.38
116	2012/11/23	23:22:00	214.0167	4534.89	31.30	214.0167	4525.56	31.38
117	2012/11/24	01:22:00	216.0167	4533.36	31.30	216.0167	4524.14	31.39
118	2012/11/24	03:22:00	218.0167	4532.02	31.30	218.0167	4522.60	31.38
119	2012/11/24	05:22:00	220.0167	4530.28	31.30	220.0167	4521.34	31.39
120	2012/11/24	07:22:00	222.0167	4528.87	31.30	222.0167	4519.64	31.38

LOWER Serial Number: 40424 Start Date: 2012/11/15 01:21:00 Run Depth: 980.50

UPPER Serial Number: 40419 Start Date: 2012/11/15 01:21:00 Run Depth: 980.20

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
121	2012/11/24	09:22:00	224.0167	4527.23	31.30	224.0167	4518.28	31.38
122	2012/11/24	11:22:00	226.0167	4525.93	31.30	226.0167	4516.89	31.38
123	2012/11/24	13:22:00	228.0167	4524.52	31.30	228.0167	4515.28	31.38
124	2012/11/24	15:22:00	230.0167	4523.37	31.30	230.0167	4514.06	31.38
125	2012/11/24	17:22:00	232.0167	4522.05	31.30	232.0167	4513.06	31.38
126	2012/11/24	19:22:00	234.0167	4520.93	31.30	234.0167	4511.82	31.38
127	2012/11/24	21:22:00	236.0167	4519.25	31.30	236.0167	4510.06	31.38
128	2012/11/24	23:22:00	238.0167	4518.08	31.30	238.0167	4508.98	31.38
129	2012/11/25	01:22:00	240.0167	4516.96	31.30	240.0167	4507.91	31.38
130	2012/11/25	03:22:00	242.0167	4515.79	31.30	242.0167	4506.86	31.38
131	2012/11/25	05:22:00	244.0167	4514.79	31.30	244.0167	4505.77	31.38
132	2012/11/25	07:22:00	246.0167	4513.69	31.30	246.0167	4504.52	31.38
133	2012/11/25	09:22:00	248.0167	4512.59	31.30	248.0167	4503.13	31.38
134	2012/11/25	11:22:00	250.0167	4511.33	31.30	250.0167	4502.41	31.38
135	2012/11/25	13:22:00	252.0167	4510.18	31.30	252.0167	4500.95	31.38
136	2012/11/25	15:22:00	254.0167	4509.27	31.30	254.0167	4499.97	31.38
137	2012/11/25	17:22:30	256.0250	4507.95	31.30	256.0250	4499.04	31.38
138	2012/11/25	19:22:30	258.0250	4507.13	31.30	258.0250	4497.96	31.38
139	2012/11/25	21:22:30	260.0250	4505.78	31.30	260.0250	4496.81	31.38
140	2012/11/25	23:22:30	262.0250	4504.88	31.30	262.0250	4495.40	31.37
141	2012/11/26	01:22:30	264.0250	4503.63	31.30	264.0250	4494.43	31.37
142	2012/11/26	03:22:30	266.0250	4502.71	31.30	266.0250	4493.81	31.38
143	2012/11/26	05:22:30	268.0250	4502.04	31.30	268.0250	4492.96	31.38
144	2012/11/26	07:22:30	270.0250	4500.61	31.30	270.0250	4491.78	31.37
145	2012/11/26	09:22:30	272.0250	4499.90	31.29	272.0250	4490.47	31.37
146	2012/11/26	11:22:30	274.0250	4498.58	31.30	274.0250	4489.51	31.37
147	2012/11/26	13:22:30	276.0250	4497.53	31.29	276.0250	4488.25	31.37
148	2012/11/26	15:22:30	278.0250	4496.59	31.30	278.0250	4487.49	31.37
149	2012/11/26	17:22:30	280.0250	4495.70	31.30	280.0250	4486.63	31.37
150	2012/11/26	19:22:30	282.0250	4494.59	31.29	282.0250	4485.17	31.37
151	2012/11/26	21:22:30	284.0250	4493.69	31.29	284.0250	4484.51	31.37
152	2012/11/26	23:22:30	286.0250	4492.58	31.29	286.0250	4483.35	31.37
153	2012/11/27	01:22:30	288.0250	4491.58	31.29	288.0250	4482.36	31.37
154	2012/11/27	03:22:30	290.0250	4490.91	31.29	290.0250	4481.70	31.36
155	2012/11/27	05:22:30	292.0250	4490.08	31.29	292.0250	4480.58	31.36
156	2012/11/27	07:22:30	294.0250	4489.04	31.29	294.0250	4480.13	31.37
157	2012/11/27	09:22:30	296.0250	4488.25	31.29	296.0250	4479.05	31.37
158	2012/11/27	11:22:30	298.0250	4487.43	31.29	298.0250	4478.22	31.36
159	2012/11/27	13:22:30	300.0250	4486.50	31.29	300.0250	4477.20	31.37
160	2012/11/27	15:22:30	302.0250	4485.78	31.29	302.0250	4476.56	31.37

LOWER Serial Number: 40424 Start Date: 2012/11/15 01:21:00 Run Depth: 980.50

UPPER Serial Number: 40419 Start Date: 2012/11/15 01:21:00 Run Depth: 980.20

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
161	2012/11/27	17:22:30	304.0250	4578.92	31.29	304.0250	4569.90	31.37
162	2012/11/27	19:22:30	306.0250	4515.23	31.29	306.0250	4505.98	31.36
163	2012/11/27	21:22:30	308.0250	4500.03	31.29	308.0250	4490.85	31.36
164	2012/11/27	23:22:30	310.0250	4493.50	31.29	310.0250	4484.03	31.36
165	2012/11/28	01:22:30	312.0250	4490.25	31.29	312.0250	4480.90	31.36
166	2012/11/28	03:22:30	314.0250	4487.58	31.29	314.0250	4478.33	31.35
167	2012/11/28	05:22:30	316.0250	4485.80	31.29	316.0250	4476.60	31.35
168	2012/11/28	07:22:30	318.0250	4484.41	31.29	318.0250	4474.86	31.35
169	2012/11/28	09:22:30	320.0250	4482.89	31.29	320.0250	4473.62	31.35
170	2012/11/28	11:22:30	322.0250	4481.91	31.29	322.0250	4472.59	31.35
171	2012/11/28	13:22:30	324.0250	4480.84	31.29	324.0250	4471.64	31.35
172	2012/11/28	15:22:30	326.0250	4479.76	31.28	326.0250	4470.54	31.35
173	2012/11/28	17:22:30	328.0250	4478.99	31.28	328.0250	4469.57	31.35
174	2012/11/28	19:22:30	330.0250	4477.96	31.28	330.0250	4468.48	31.35
175	2012/11/28	21:22:30	332.0250	4476.90	31.28	332.0250	4467.67	31.35
176	2012/11/28	23:22:30	334.0250	4475.86	31.28	334.0250	4466.67	31.35
177	2012/11/29	01:22:30	336.0250	4475.07	31.28	336.0250	4465.58	31.34
178	2012/11/29	03:22:30	338.0250	4474.17	31.28	338.0250	4464.83	31.35
179	2012/11/29	05:22:30	340.0250	4473.46	31.28	340.0250	4464.04	31.34
180	2012/11/29	07:22:30	342.0250	4472.62	31.28	342.0250	4463.38	31.35
181	2012/11/29	09:22:30	344.0250	4471.94	31.28	344.0250	4462.74	31.35
182	2012/11/29	11:22:30	346.0250	4471.34	31.28	346.0250	4461.85	31.34
183	2012/11/29	13:22:30	348.0250	4470.45	31.28	348.0250	4460.71	31.34
184	2012/11/29	15:22:30	350.0250	4469.75	31.28	350.0250	4460.16	31.35
185	2012/11/29	17:22:30	352.0250	4468.86	31.28	352.0250	4459.62	31.34
186	2012/11/29	19:22:30	354.0250	4468.01	31.28	354.0250	4458.76	31.35
187	2012/11/29	21:22:30	356.0250	4467.50	31.28	356.0250	4457.99	31.34
188	2012/11/29	23:22:30	358.0250	4466.71	31.28	358.0250	4457.19	31.34
189	2012/11/30	01:22:30	360.0250	4465.69	31.28	360.0250	4456.43	31.34
190	2012/11/30	03:22:30	362.0250	4464.99	31.28	362.0250	4455.84	31.34
191	2012/11/30	05:22:30	364.0250	4464.61	31.28	364.0250	4455.36	31.34
192	2012/11/30	07:22:30	366.0250	4463.92	31.28	366.0250	4454.42	31.35
193	2012/11/30	09:22:30	368.0250	4463.48	31.28	368.0250	4453.83	31.34
194	2012/11/30	11:22:30	370.0250	4462.42	31.28	370.0250	4452.89	31.34
195	2012/11/30	13:22:30	372.0250	4461.80	31.28	372.0250	4452.27	31.34
196	2012/11/30	15:22:30	374.0250	4461.10	31.28	374.0250	4451.49	31.33
197	2012/11/30	17:22:30	376.0250	4460.74	31.28	376.0250	4451.20	31.34
198	2012/11/30	19:22:30	378.0250	4459.85	31.28	378.0250	4450.31	31.34
199	2012/11/30	21:22:30	380.0250	4459.39	31.28	380.0250	4449.88	31.33
200	2012/11/30	23:22:30	382.0250	4458.42	31.28	382.0250	4448.95	31.33

LOWER Serial Number: 40424 Start Date: 2012/11/15 01:21:00 Run Depth: 980.50

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**RESERVOIR PRESSURE SURVEY**

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
201	2012/12/01	01:22:30	384.0250	4457.80	31.28	384.0250	4448.35	31.33
202	2012/12/01	03:22:30	386.0250	4457.12	31.28	386.0250	4447.66	31.33
203	2012/12/01	05:22:30	388.0250	4456.65	31.28	388.0250	4447.14	31.33
204	2012/12/01	07:22:30	390.0250	4456.26	31.27	390.0250	4446.84	31.33
205	2012/12/01	09:22:30	392.0250	4455.74	31.28	392.0250	4446.26	31.33
206	2012/12/01	11:22:30	394.0250	4455.37	31.27	394.0250	4445.86	31.33
207	2012/12/01	13:22:30	396.0250	4454.72	31.27	396.0250	4444.97	31.33
208	2012/12/01	15:22:30	398.0250	4454.17	31.28	398.0250	4444.68	31.33
209	2012/12/01	17:22:30	400.0250	4453.72	31.27	400.0250	4444.11	31.33
210	2012/12/01	19:22:30	402.0250	4453.40	31.27	402.0250	4443.72	31.33
211	2012/12/01	21:22:30	404.0250	4452.62	31.27	404.0250	4443.03	31.33
212	2012/12/01	23:22:30	406.0250	4451.82	31.27	406.0250	4442.21	31.32
213	2012/12/02	01:22:30	408.0250	4451.21	31.27	408.0250	4441.66	31.32
214	2012/12/02	03:22:30	410.0250	4450.73	31.27	410.0250	4441.35	31.32
215	2012/12/02	05:22:30	412.0250	4450.38	31.27	412.0250	4440.95	31.33
216	2012/12/02	07:22:30	414.0250	4449.70	31.27	414.0250	4440.19	31.32
217	2012/12/02	09:22:30	416.0250	4449.28	31.27	416.0250	4439.83	31.33
218	2012/12/02	11:22:30	418.0250	4448.88	31.27	418.0250	4439.34	31.32
219	2012/12/02	13:22:30	420.0250	4448.34	31.27	420.0250	4438.70	31.33
220	2012/12/02	15:22:30	422.0250	4447.72	31.27	422.0250	4438.08	31.33
221	2012/12/02	17:22:30	424.0250	4447.14	31.27	424.0250	4437.52	31.32
222	2012/12/02	19:22:30	426.0250	4446.61	31.27	426.0250	4437.03	31.32
223	2012/12/02	21:22:30	428.0250	4446.00	31.27	428.0250	4436.31	31.32
224	2012/12/02	23:22:30	430.0250	4445.40	31.27	430.0250	4436.12	31.32
225	2012/12/03	01:22:30	432.0250	4445.00	31.27	432.0250	4435.49	31.32
226	2012/12/03	03:22:30	434.0250	4444.76	31.27	434.0250	4435.08	31.32
227	2012/12/03	05:22:30	436.0250	4444.70	31.27	436.0250	4434.96	31.32
228	2012/12/03	07:22:30	438.0250	4444.50	31.27	438.0250	4434.68	31.32
229	2012/12/03	09:22:30	440.0250	4444.38	31.27	440.0250	4434.97	31.32
230	2012/12/03	11:22:30	442.0250	4444.02	31.27	442.0250	4434.79	31.32
231	2012/12/03	13:22:30	444.0250	4444.03	31.27	444.0250	4434.62	31.32
232	2012/12/03	15:22:30	446.0250	4444.06	31.27	446.0250	4434.46	31.32
233	2012/12/03	17:22:30	448.0250	4443.72	31.27	448.0250	4434.21	31.32
234	2012/12/03	19:22:30	450.0250	4443.54	31.27	450.0250	4434.27	31.32
235	2012/12/03	21:22:30	452.0250	4443.65	31.27	452.0250	4433.86	31.31
236	2012/12/03	23:22:30	454.0250	4443.36	31.27	454.0250	4433.86	31.31
237	2012/12/04	01:22:30	456.0250	4443.56	31.27	456.0250	4433.63	31.31
238	2012/12/04	03:22:30	458.0250	4443.09	31.27	458.0250	4433.48	31.32
239	2012/12/04	05:22:30	460.0250	4443.04	31.27	460.0250	4433.48	31.32
240	2012/12/04	07:22:30	462.0250	4443.13	31.27	462.0250	4433.39	31.32

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## RESERVOIR PRESSURE SURVEY

	LOWER Date yyyy/mm/dd	LOWER Clk Time hh:mm:ss	LOWER Time hr	LOWER Pres. kPa(a)	LOWER Temp. °C	UPPER Time hr	UPPER Pres. kPa(a)	UPPER Temp. °C
241	2012/12/04	09:22:30	464.0250	4443.01	31.27	464.0250	4433.30	31.32
242	2012/12/04	11:22:30	466.0250	4442.81	31.27	466.0250	4433.15	31.32
243	2012/12/04	13:22:30	468.0250	4442.76	31.26	468.0250	4433.11	31.32
244	2012/12/04	15:22:30	470.0250	4442.54	31.27	470.0250	4432.89	31.32
245	2012/12/04	17:22:30	472.0250	4442.09	31.26	472.0250	4432.47	31.32
246	2012/12/04	19:22:30	474.0250	4442.08	31.27	474.0250	4432.45	31.31
247	2012/12/04	21:22:30	476.0250	4441.62	31.27	476.0250	4432.10	31.31
248	2012/12/04	23:22:30	478.0250	4441.56	31.26	478.0250	4431.76	31.32
249	2012/12/05	01:22:30	480.0250	4441.23	31.26	480.0250	4431.31	31.31
250	2012/12/05	03:22:30	482.0250	4440.72	31.26	482.0250	4431.20	31.31
251	2012/12/05	05:22:30	484.0250	4440.46	31.26	484.0250	4430.53	31.31
252	2012/12/05	07:22:30	486.0250	4440.05	31.26	486.0250	4430.32	31.31
253	2012/12/05	09:22:30	488.0250	4439.71	31.26	488.0250	4430.22	31.31
254	2012/12/05	11:22:30	490.0250	4439.48	31.26	490.0250	4430.01	31.31
255	2012/12/05	13:22:30	492.0250	4439.26	31.26	492.0250	4429.38	31.31
256	2012/12/05	15:22:30	494.0250	4438.80	31.26	494.0250	4429.22	31.31
257	2012/12/05	17:22:30	496.0250	4438.69	31.26	496.0250	4428.69	31.31
258	2012/12/05	19:22:30	498.0250	4438.36	31.26	498.0250	4428.64	31.31
259	2012/12/05	21:22:30	500.0250	4437.91	31.26	500.0250	4428.28	31.30
260	2012/12/05	23:22:30	502.0250	4437.91	31.26	502.0250	4428.31	31.31
261	2012/12/06	01:22:30	504.0250	4437.84	31.26	504.0250	4428.10	31.31
262	2012/12/06	03:22:30	506.0250	4437.84	31.26	506.0250	4428.08	31.31
263	2012/12/06	05:22:30	508.0250	4437.63	31.26	508.0250	4427.95	31.31
264	2012/12/06	07:22:30	510.0250	4437.25	31.26	510.0250	4427.62	31.31
265	2012/12/06	09:22:30	512.0250	4436.98	31.26	512.0250	4427.47	31.31
266	2012/12/06	11:22:30	514.0250	4437.14	31.26	514.0250	4427.35	31.31
267	2012/12/06	13:22:30	516.0250	4436.82	31.26	516.0250	4427.26	31.31
268	2012/12/06	15:22:30	518.0250	4436.62	31.26	518.0250	4427.04	31.31
269	2012/12/06	17:22:30	520.0250	4436.37	31.26	520.0250	4426.77	31.31
270	2012/12/06	19:22:30	522.0250	4435.96	31.26	522.0250	4426.29	31.31
271	2012/12/06	21:22:30	524.0250	4435.78	31.26	524.0250	4426.27	31.30
272	2012/12/06	23:22:30	526.0250	4435.92	31.26	526.0250	4426.15	31.31
273	2012/12/07	01:22:30	528.0250	4435.76	31.26	528.0250	4425.77	31.31
274	2012/12/07	03:22:30	530.0250	4435.37	31.26	530.0250	4425.75	31.31
275	2012/12/07	05:22:30	532.0250	4435.25	31.26	532.0250	4425.64	31.31
276	2012/12/07	07:22:30	534.0250	4435.07	31.25	534.0250	4425.42	31.30
277	2012/12/07	09:22:30	536.0250	4434.98	31.26	536.0250	4425.42	31.31
278	2012/12/07	11:22:30	538.0250	4434.85	31.26	538.0250	4425.21	31.30
279	2012/12/07	13:22:30	540.0250	4434.56	31.26	540.0250	4425.02	31.30
280	2012/12/07	15:22:30	542.0250	4434.22	31.26	542.0250	4424.72	31.30

LOWER Serial Number: 40424 Start Date: 2012/11/15 01:21:00 Run Depth: 980.50

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**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
281	2012/12/07	17:22:30	544.0250	4434.12	31.26	544.0250	4424.38	31.31
282	2012/12/07	19:22:30	546.0250	4433.86	31.25	546.0250	4424.21	31.30
283	2012/12/07	21:22:30	548.0250	4433.50	31.26	548.0250	4423.96	31.30
284	2012/12/07	23:22:30	550.0250	4433.41	31.25	550.0250	4423.68	31.31
285	2012/12/08	01:22:30	552.0250	4433.20	31.26	552.0250	4423.35	31.31
286	2012/12/08	03:22:30	554.0250	4432.82	31.26	554.0250	4423.32	31.30
287	2012/12/08	05:22:30	556.0250	4432.81	31.25	556.0250	4423.07	31.31
288	2012/12/08	07:22:30	558.0250	4432.69	31.25	558.0250	4422.98	31.31
289	2012/12/08	09:22:30	560.0250	4432.49	31.25	560.0250	4422.81	31.31
290	2012/12/08	11:22:30	562.0250	4432.40	31.25	562.0250	4422.78	31.30
291	2012/12/08	13:22:30	564.0250	4432.31	31.25	564.0250	4422.57	31.30
292	2012/12/08	15:22:30	566.0250	4432.24	31.25	566.0250	4422.48	31.30
293	2012/12/08	16:36:30	567.2584	4432.45	31.25	567.2584	4422.85	31.30
294	2012/12/08	16:36:30	567.2584	FINAL PRESSURE, UNSETTING BRIDGE PLUG				
295	2012/12/08	16:37:00	567.2667	9589.23	31.30	567.2667	9675.19	31.36
296	2012/12/08	16:37:00	567.2667	BRIDGE PLUG UNSET				
297	2012/12/08	16:37:30	567.2750	9604.94	31.25	567.2750	9612.32	31.32
298	2012/12/08	17:03:00	567.7000	9398.50	29.33	567.7000	9366.88	29.40
299	2012/12/08	17:03:00	567.7000	PULL OUT OF HOLE				
300	2012/12/08	17:03:30	567.7084	9130.08	29.09	567.7084	9376.95	29.13
301	2012/12/08	17:22:30	568.0250	5378.96	22.04	568.0250	5304.91	22.02
302	2012/12/08	18:12:00	568.8500	100.26	3.41	568.8500	94.56	2.64
303	2012/12/08	18:12:00	568.8500	TOOLS AT SURFACE				
304	2012/12/08	18:12:30	568.8584	100.13	3.20	568.8584	94.57	2.19
305	2012/12/08	19:22:30	570.0250	75.46	-15.61	570.0250	119.63	-16.53
306	2012/12/08	21:00:00	571.6500	69.83	-17.83	571.6500	148.08	-17.91

LOWER Serial Number: 40424 Start Date: 2012/11/15 01:21:00 Run Depth: 980.50

UPPER Serial Number: 40419 Start Date: 2012/11/15 01:21:00 Run Depth: 980.20

Print Filter: Print every 2 hour





DATE: November 15 <sup>th</sup> - December 8 <sup>th</sup> , 2012	COMPANY: Tundra Oil & Gas Partnership
WELLNAME: Ewart Unit #1	ADDRESS: Virden, MB
LOCATION: (5-9) 8-9-8-28 W1	UWI:102/08-09-008-28W1.00
FIELD: Ewart Unit #1	FORMATION: Bakken
CO HQ REP: Craig Lane	PHONE: 1204 748 5894
FIELD REP: Brent Dalziel	PHONE: 1204 522 0864
REPORTS TO (NAME & EMAIL ADDRESS): Eric Bjornsson - eric.bjornsson@tundraoilandgas.com Tyler Routledge - tyler.routledge@tundraoilandgas.com Tim Howell - tim.howell@tundraoilandgas.com Craig Lane - craig.lane@tundraoilandgas.com Bill Jenkins - bill.jenkins@tundraoilandgas.com Adam Berke - adam.berke@tundraoilandgas.com	

STATUS: Oil well		TEST TYPE: Bridge Plug
ESTIMATED H2S CONTENT: <10 ppm		ESTIMATED CO2 CONTENT: <10 ppm
PRODUCING THROUGH: Tubing		SHUT IN TIME/DATE: See Description
KOP: 738.6 mKB	TVD: 917.25 mKB	LICENCE #: 9066
PBTD: N/A	TD: mKB	WELL TYPE: Horizontal
CASING SIZE: 177.8 mm	CSG WEIGHT: 34.23 / 29.76 kg/m	CSG DEPTH: 1027 mKB
TUBING SIZE: N/A	TBG WEIGHT: N/A	TBG DEPTH: N/A
Elevations KB: 501.65 m	GRD: 498.26 m	CF: 4.10 m

#### PRODUCING INTERVAL

TYPE: Open Hole	SIZE: N/A	INTERVAL: 1027 - 2292 mKB
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#### RECORDER INFORMATION

TOP S/N: 40419	FILE NAME: (5-9) 8-9-8-28 W1	RANGE: 0 - 20,680 kpa
BOTTOM S/N: 40424	FILE NAME: (5-9) 8-9-8-28 W1	RANGE: 0 - 20,680 kpa
TOP BATTERY S/N: N/A	BOTTOM BATTERY S/N: N/A	
CONNECT TIME: November 15 <sup>th</sup> , 2012 01:20:30	DISCONNECT TIME: December 11 <sup>th</sup> , 2012 13:33:00	

SURFACE TEMP: -27	LEASE CONDITION: Good
WIRELINE OPERATOR: Ivory Herman	PHONE: 1306 371 5613
WIRELINE ASSISTANT: N/A	
DIRECTIONS: N/A	

#### DWG WELL HEAD PRESSURES:

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

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

#### GRADIENT STOPS

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

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

November 15<sup>th</sup>, 2012

01:20:30 - Run in hole

02:31:00 - On bottom

02:32:00 - Bridge plug set @978.5 mKB

December 8<sup>th</sup>, 2012

16:36:30 - FINAL STABLE BHP + BHT

16:37:00 - Bridge plug un-set

17:03:00 - POOH

18:12:00 - Surface

December 11<sup>th</sup>, 2012

13:33:00 - Download data