

Innovation, Energy and Mines

Petroleum Branch
 360-1395 Ellice Ave, Winnipeg MB R3G 3P2
 T 204-945-6577 F 204-945-0586
www.manitoba.ca

WEEKLY WELL ACTIVITY REPORT

PETROLEUM INDUSTRY ACTIVITY REPORT

(January 1/10 – October 18/10)

<u>DRILLING ACTIVITY</u>	To Oct. 18/10	To Oct. 19/09	2009 Total
Drilling Licences Issued	487	211	297
Licences Cancelled	0	7	13
Vertical Wells Drilled	63	32	53
Horizontal Wells Drilled	336	172	207
Stratigraphic Test Holes Drilled	1	0	0
Wells Drilled - Total	400	204	260
No. of Metres Drilled	741 576	393 214	482 963
Wells Re-entered	0	3	3
Wells Being Drilled	11	6	1
No. of Active Rigs	16	6	1
Wells Licenced but Not Spudded	123	27	52
Wells Completed as Potential Oil Wells	353	204	256
Wells Abandoned Dry	12	3	7
Wells Drilled but Not Completed	2	0	0
Other Completions	33	0	0
New Wells on Production	140	122	226
<u>GEOPHYSICAL ACTIVITY</u>			
Geophysical Programs Licenced	19	11	15
Licences Cancelled	0	0	0
Kilometers Licenced	2 227	1 366	2 096
Kilometers Run	537	720	1 611
	2010	2009	
<u>OIL PRICES (Average)</u>	\$/m3 (\$/bbl)	\$/m3 (\$/bbl)	
Month of August	476.33 (75.69)	456.60 (72.56)	
Month of September	460.52 (73.18)	459.29 (72.99)	
	2010	2009	
<u>OIL PRODUCTION (M3)</u>			
Month of May	144 634.1	118 999.7	
Cumulative Thru May 31	733 883.4	596 957.2	

WEEKLY WELL ACTIVITY REPORT

18 October 2010

Lic. No.: 4091	<p>Tundra et al Regent Prov. 4-12-4-22 (WPM) UWI: 100.04-12-004-22W1.00</p> <p>Status: Abandoned Producer (ABD P) Abandoned Producer: 14-Oct-2010</p>
Lic. No.: 4095	<p>Tundra et al Regent Prov. 6-12-4-22 (WPM) UWI: 100.06-12-004-22W1.00</p> <p>Status: Abandoned Producer (ABD P) Abandoned Producer: 14-Oct-2010</p>
Lic. No.: 7164	<p>Waskada Unit No. 19 HZNTL A1-27-1-25 (WPM) UWI: 103.01-27-001-25W1.00</p> <p>Status: Completing (COMP) Completing: 16-Oct-2010</p>
Lic. No.: 7328	<p>Waskada Unit No. 19 HZNTL A3-34-1-25 (WPM) UWI: 103.03-34-001-25W1.00</p> <p>Revision to Report of: 17-May-2010 Contractor: Precision Drilling (1987) Ltd. – Rig # 156</p> <p>Main Hole Commenced: 12-Oct-2010 K.B. Elevation: 476.5 m Finished Drilling: 15-Oct-2010 Total Depth: 1754.00 m Production Casing: 139.7 mm @ 1754.0 m with 45 t Rig Released: 16-Oct-2010 Status: Waiting On Service Rig (WOSR) Waiting On Service Rig: 16-Oct-2010</p>
Lic. No.: 7343	<p>Waskada Unit No. 19 HZNTL 9-27-1-25 (WPM) UWI: 102.09-27-001-25W1.00</p> <p>Status: Completing (COMP) Completing: 11-Oct-2010</p>
Lic. No.: 7344	<p>Waskada Unit No. 19 HZNTL A9-27-1-25 (WPM) UWI: 103.09-27-001-25W1.00</p> <p>Status: Completing (COMP) Completing: 11-Oct-2010</p>

Lic. No.: 7346 Waskada Unit No. 19 HZNTL 14-27-1-25 (WPM)
 UWI: 102.14-27-001-25W1.00

Production Casing: 139.7 mm @ 1768.0 m with 43 t
 Rig Released: 11-Oct-2010
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 11-Oct-2010

Lic. No.: 7348 Waskada Unit No. 18 HZNTL 12-21-1-25 (WPM)
 UWI: 102.12-21-001-25W1.00

Status: Completing (COMP)
 Completing: 13-Oct-2010

Lic. No.: 7350 Waskada Unit No. 19 HZNTL A4-27-1-25 (WPM)
 UWI: 103.04-27-001-25W1.00

Status: Completing (COMP)
 Completing: 18-Oct-2010

Lic. No.: 7385 Tundra Daly Sinclair Prov. HZNTL 8-28-8-28 (WPM)
 UWI: 100.08-28-008-28W1.00

Spud Date: 12-Oct-2010
 K.B. Elevation: 499.27 m
 Surface Casing: 244.50 mm @ 139.00 m with 14.0 t
 Finished Drilling: 18-Oct-2010
 Total Depth: 2251.00 m
 Intermediate Casing: 244.5 mm @ 998.0 m with 13.17 t
 Status: Setting Liner (SETTING LINER)
 Setting Liner: 18-Oct-2010

Lic. No.: 7399 North Virden Scallion Unit No. 1 HZNTL 2-28-11-26 (WPM)
 UWI: 102.02-28-011-26W1.00

Status: Moving In Rotary Tools (MIRT)
 Moving In Rotary Tools: 18-Oct-2010

Lic. No.: 7417 Tundra Virden HZNTL 12-13-10-27 (WPM)
 UWI: 100.12-13-010-27W1.00

Status: Completing (COMP)
 Completing: 14-Oct-2010

Lic. No.: 7424 Penn West Waskada HZNTL 11-23-1-24 (WPM)
 UWI: 100.11-23-001-24W1.00

Status: Completing (COMP)
 Completing: 16-Oct-2010

- Lic. No.: 7440 North Virden Scallion Unit No. 1 HZNTL 11-10-11-26 (WPM)
UWI: 102.11-10-011-26W1.00
- Intermediate Casing: 244.5 mm @ 741.0 m with 14 t
Finished Drilling: 16-Oct-2010
Total Depth: 1883.00 m
Rig Released: 16-Oct-2010
Status: Completing (COMP)
Completing: 19-Oct-2010
- Lic. No.: 7444 Waskada Unit No. 18 HZNTL A4-21-1-25 (WPM)
UWI: 103.04-21-001-25W1.00
- Finished Drilling: 11-Oct-2010
Total Depth: 1704.00 m
Production Casing: 139.7 mm @ 1704.0 m
Rig Released: 12-Oct-2010
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 12-Oct-2010
- Lic. No.: 7446 Waskada Unit No. 18 HZNTL A5-21-1-25 (WPM)
UWI: 103.05-21-001-25W1.00
- Status: Completing (COMP)
Completing: 14-Oct-2010
- Lic. No.: 7463 EOG Waskada HZNTL 13-28-1-25 (WPM)
UWI: 100.13-28-001-25W1.00
- Revision to Report of: 17-May-2010
Contractor: Precision Drilling (1987) Ltd. – **Rig # 156**
- Main Hole Commenced: 16-Oct-2010
K.B. Elevation: 476.27 m
Status: Drilling Ahead (DR)
Drilling Ahead: 18-Oct-2010
- Lic. No.: 7498 Tundra Virden HZNTL 4-28-10-27 (WPM)
UWI: 100.04-28-010-27W1.00
- Status: Completing (COMP)
Completing: 08-Oct-2010
- Lic. No.: 7511 Waskada Unit No. 13 HZNTL 1-1-2-26 (WPM)
UWI: 102.01-01-002-26W1.00
- Status: Completing (COMP)
Completing: 14-Oct-2010

Lic. No.: 7512 Waskada Unit No. 13 HZNTL 8-1-2-26 (WPM)
 UWI: 102.08-01-002-26W1.00

Status: Completing (COMP)
 Completing: 15-Oct-2010

Lic. No.: 7521 Molopo Pierson Prov. HZNTL 13-6-2-29 (WPM)
 UWI: 100.13-06-002-29W1.00

Revision to Report of: 16-Aug-2010
 Contractor: **Eagle Drilling Services Ltd. – Rig # 5**

Spud Date: 15-Oct-2010
 K.B. Elevation: 480.42 m
 Surface Casing: 219.10 mm @ 209.00 m with 18.0 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 18-Oct-2010

Lic. No.: 7546 5369500 MB Daly Sinclair 11-32-8-28 (WPM)
 UWI: 100.11-32-008-28W1.00

Status: Completing (COMP)
 Completing: 19-Oct-2010

Lic. No.: 7554 Waskada Unit No. 13 HZNTL 4-1-2-26 (WPM)
 UWI: 102.04-01-002-26W1.00

Finished Drilling: 13-Oct-2010
 Total Depth: 1793.00 m
 Production Casing: 139.7 mm @ 1793.0 m with 51.0 t
 Rig Released: 14-Oct-2010
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 14-Oct-2010

Lic. No.: 7559 Waskada Unit No. 13 HZNTL 9-1-2-26 (WPM)
 UWI: 102.09-01-002-26W1.00

Spud Date: 15-Oct-2010
 K.B. Elevation: 470.31 m
 Surface Casing: 219.10 mm @ 257.00 m with 18.5 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 18-Oct-2010

Lic. No.: 7563 Sinclair Unit No. 2 HZNTL WIW 12-7-7-28 (WPM)
 UWI: 102.12-07-007-28W1.00

Status: Completing (COMP)
 Completing: 17-Oct-2010

Lic. No.: 7566 Molopo Pierson HZNTL 1-5-2-28 (WPM)
UWI: 100.01-05-002-28W1.00

Status: Completing (COMP)
Completing: 15-Oct-2010

Lic. No.: 7576 EOG Waskada HZNTL 13-21-1-25 (WPM)
UWI: 102.13-21-001-25W1.00

Finished Drilling: 17-Oct-2010
Total Depth: 1737.00 m
Status: Fishing (FISH)
Fishing: 18-Oct-2010

Lic. No.: 7578 Molopo Coulter HZNTL 10-19-1-27 (WPM)
UWI: 100.10-19-001-27W1.00

Finished Drilling: 13-Oct-2010
Total Depth: 1688.00 m
Production Casing: Run
Rig Released: 14-Oct-2010
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 14-Oct-2010

Lic. No.: 7583 ARC Waskada HZNTL A1-9-1-24 (WPM)
UWI: 103.01-09-001-24W1.00

Finished Drilling: 11-Oct-2010
Total Depth: 1658.00 m
Production Casing: 139.7 mm @ 1657.0 m with 46.5 t
Rig Released: 12-Oct-2010
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 12-Oct-2010

Lic. No.: 7584 ARC Waskada HZNTL A4-9-1-24 (WPM)
UWI: 103.04-09-001-24W1.00

Status: Moving In Rotary Tools (MIRT)
Moving In Rotary Tools: 18-Oct-2010

Lic. No.: 7587 ARC Waskada HZNTL 8-9-1-24 (WPM)
 UWI: 102.08-09-001-24W1.00 - Leg #1

Revision to Report of: 13-Sep-2010
 Contractor: **Red Dog Drilling Inc. – Rig # 3**

Spud Date: 13-Oct-2010
 K.B. Elevation: 504.50 m
 Surface Casing: 219.10 mm @ 163.00 m with 12.0 t
 Finished Drilling: 17-Oct-2010
 Total Depth: 1678.00 m
 Production Casing: 139.7 mm @ 1678.0 m with 46.5 t
 Rig Released: 18-Oct-2010
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 18-Oct-2010

Lic. No.: 7591 Penn West Waskada Prov. HZNTL 15-11-2-25 (WPM)
 UWI: 102.15-11-002-25W1.00

Status: Completing (COMP)
 Completing: 14-Oct-2010

Lic. No.: 7592 Penn West Waskada Prov. HZNTL A15-11-2-25 (WPM)
 UWI: 103.15-11-002-25W1.00

Status: Completing (COMP)
 Completing: 11-Oct-2010

Lic. No.: 7596 Tundra Birdtail Prov. HZNTL 6-19-16-27 (WPM)
 UWI: 100.06-19-016-27W1.00

Status: Completing (COMP)
 Completing: 16-Oct-2010

Lic. No.: 7598 Tundra Birdtail HZNTL 2-30-16-27 (WPM)
 UWI: 100.02-30-016-27W1.00

Spud Date: 16-Oct-2010
 K.B. Elevation: 494.68 m
 Surface Casing: 244.50 mm @ 138.00 m with 15.0 t
 Status: Preparing To Run Casing (PREP CSG)
 Preparing To Run Casing: 18-Oct-2010

Lic. No.: 7612 Molopo Pierson Prov. HZNTL 4-28-2-29 (WPM)
 UWI: 100.04-28-002-29W1.00

Spud Date: 16-Oct-2010
 K.B. Elevation: 476.81 m
 Surface Casing: 219.10 mm @ 212.00 m with 18.0 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 18-Oct-2010

Lic. No.: 7613 Molopo Pierson Prov. HZNTL 16-28-2-29 (WPM)
 UWI: 100.16-28-002-29W1.00

Finished Drilling: 15-Oct-2010
 Total Depth: 2248.00 m
 Production Casing: Run
 Rig Released: 16-Oct-2010
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 16-Oct-2010

Lic. No.: 7614 Molopo Pierson HZNTL 13-21-2-28 (WPM)
 UWI: 100.13-21-002-28W1.00

Revision to Report of: 27-Sep-2010
 Surf. Location: 13C-16-2-28 (WPM)

Lic. No.: 7616 Penn West Waskada HZNTL 10-16-2-25 (WPM)
 UWI: 100.10-16-002-25W1.00

Finished Drilling: 14-Oct-2010
 Total Depth: 1602.00 m
 Production Casing: 139.7 mm @ 1602.0 m with 40.7 t
 Rig Released: 15-Oct-2010
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 15-Oct-2010

Lic. No.: 7621 Penn West Waskada HZNTL 7-2-1-24 (WPM)
 UWI: 100.07-02-001-24W1.00

Spud Date: 17-Oct-2010
 K.B. Elevation: 544.51 m
 Status: Running Casing (CSG)
 Running Casing: 18-Oct-2010

Lic. No.: 7622 Penn West Waskada HZNTL 10-2-1-24 (WPM)
 UWI: 100.10-02-001-24W1.00

Spud Date: 11-Oct-2010
 K.B. Elevation: 544.77 m
 Surface Casing: 219.10 mm @ 252.00 m with 17.0 t
 Finished Drilling: 15-Oct-2010
 Total Depth: 1724.00 m
 Production Casing: 139.7 mm @ 1724.0 m with 52.0 t
 Rig Released: 16-Oct-2010
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 16-Oct-2010

Lic. No.: 7625 Tundra Daly Sinclair HZNTL 8-13-8-29 (WPM)
 UWI: 100.08-13-008-29W1.00

Status: Completing (COMP)
 Completing: 14-Oct-2010

- Lic. No.: 7626 Tundra Daly Sinclair Prov. HZNTL 5-2-9-29 (WPM)
UWI: 100.05-02-009-29W1.00
- Status: Completing (COMP)
Completing: 13-Oct-2010
- Lic. No.: 7628 Surge Waskada Prov. HZNTL 14-2-2-26 (WPM)
UWI: 100.14-02-002-26W1.00
- Status: Moving In Rotary Tools (MIRT)
Moving In Rotary Tools: 18-Oct-2010
- Lic. No.: 7630 Waskada Unit No. 15 HZNTL 9-3-2-26 (WPM)
UWI: 102.09-03-002-26W1.00
- Finished Drilling: 11-Oct-2010
Total Depth: 1671.00 m
Production Casing: 139.7 mm @ 1671.0 m with 38.1 t
Rig Released: 12-Oct-2010
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 12-Oct-2010
- Lic. No.: 7631 Waskada Unit No. 15 HZNTL A9-3-2-26 (WPM)
UWI: 103.09-03-002-26W1.00
- Revision to Report of: 27-Sep-2010
Contractor: Advance Drilling Ltd. – **Rig # 9**
- Spud Date: 13-Oct-2010
K.B. Elevation: 467.42 m
Surface Casing: 219.10 mm @ 170.00 m with 11.0 t
Finished Drilling: 16-Oct-2010
Total Depth: 1661.00 m
Production Casing: 139.7 mm @ 1661.0 m with 37.0 t
Rig Released: 17-Oct-2010
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 17-Oct-2010
- Lic. No.: 7633 Reliable Elkhorn HZNTL 15-8-11-28 (WPM)
UWI: 100.15-08-011-28W1.00
- Revision to Report of: 04-Oct-2010
Contractor: **Horizon Drilling Incorporated. – Rig # 701**
- Spud Date: 15-Oct-2010
K.B. Elevation: 521.68 m
Surface Casing: 244.50 mm @ 142.00 m with 13.5 t
Status: Drilling Ahead (DR)
Drilling Ahead: 18-Oct-2010

Lic. No.: 7638

Relative Daly Sinclair HZNTL 8-31-7-29 (WPM)

UWI: 100.08-31-007-29W1.00 – Leg #1

UWI: 100.08-31-007-29W1.02 – Leg #2

UWI: 100.08-31-007-29W1.03 – Leg #3

UWI: 100.08-31-007-29W1.00 – Leg #1

Finished Drilling: 06-Oct-2010

Total Depth: 916.00 m

Status: Junked and abandoned (ABD J)

Junked and abandoned: 06-Oct-2010

UWI: 100.08-31-007-29W1.02 – Leg #2

Kick-Off Date: 8-Oct-2010

Kick-Off Point: 679.00 m

Finished Drilling: 11-Oct-2010

Total Depth: 949.00 m

Status: Junked and abandoned (ABD J)

Junked and abandoned: 12-Oct-2010

UWI: 100.08-31-007-29W1.03 – Leg #3

Kick-Off Date: 16-Oct-2010

Kick-Off Point: 172.00 m

Status: Drilling Ahead (DR)

Drilling Ahead: 18-Oct-2010

Lic. No.: 7639

Waskada Unit No. 6 HZNTL 4-18-1-25 (WPM)

UWI: 102.04-18-001-25W1.00

Spud Date: 16-Oct-2010

K.B. Elevation: 472.21 m

Surface Casing: 219.10 mm @ 139.50 m with 10.0 t

Status: Drilling Ahead (DR)

Drilling Ahead: 18-Oct-2010

Lic. No.: 7641

Red Beds Waskada HZNTL 13-19-1-25 (WPM)

UWI: 103.13-19-001-25W1.00

Spud Date: 13-Oct-2010

K.B. Elevation: 474.69 m

Surface Casing: 219.10 mm @ 138.00 m with 10.0 t

Finished Drilling: 15-Oct-2010

Total Depth: 1568.00 m

Production Casing: 139.7 mm @ 1567.5 m with 37.1 t

Rig Released: 16-Oct-2010

Status: Waiting On Service Rig (WOSR)

Waiting On Service Rig: 16-Oct-2010

- Lic. No.: 7642 Sinclair Unit No. 5 Prov. HZNTL WIW A1-6-8-28 (WPM)
UWI: 102.01-06-008-28W1.00
- Intermediate Casing: 177.8 mm @ 1065.0 m with 13.67 t
Finished Drilling: 13-Oct-2010
Total Depth: 2484.00 m
Rig Released: 14-Oct-2010
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 14-Oct-2010
- Lic. No.: 7643 Sinclair Unit No. 5 Prov. HZNTL WIW A9-6-8-28 (WPM)
UWI: 103.09-06-008-28W1.00
- Revision to Report of: 04-Oct-2010
Contractor: **Trinidad Drilling Ltd. – Rig # 9**
- Spud Date: 14-Oct-2010
K.B. Elevation: 500.78 m
Surface Casing: 244.50 mm @ 138.50 m with 12.5 t
Intermediate Casing: 177.8 mm @ 1078.0 m with 14.55 t
Status: Drilling Ahead (DR)
Drilling Ahead: 18-Oct-2010
- Lic. No.: 7644 Sinclair Unit No. 5 Prov. HZNTL WIW A16-6-8-28 (WPM)
UWI: 102.16-06-008-28W1.00
- Intermediate Casing: 177.8 mm @ 1052.5 m with 16.2 t
Finished Drilling: 12-Oct-2010
Total Depth: 2474.00 m
Rig Released: 13-Oct-2010
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 13-Oct-2010
- Lic. No.: 7646 618555 SK Pierson HZNTL 11-34-1-28 (WPM)
UWI: 100.11-34-001-28W1.00
- Finished Drilling: 13-Oct-2010
Total Depth: 1671.00 m
Production Casing: 139.7 mm @ 1669.5 m with 38.0 t
Rig Released: 14-Oct-2010
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 14-Oct-2010
- Lic. No.: 7648 Tundra Birdtail Prov. HZNTL 16-4-16-27 (WPM)
UWI: 100.16-04-016-27W1.00
- Spud Date: 11-Oct-2010
K.B. Elevation: 481.31 m
Surface Casing: 244.50 mm @ 138.00 m with 15.0 t
Intermediate Casing: 177.8 mm @ 678.5 m with 9.5 t
Finished Drilling: 15-Oct-2010
Total Depth: 1252.00 m
Rig Released: 16-Oct-2010
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 16-Oct-2010

- Lic. No.: 7651 Penn West Waskada HZNTL 3-12-2-26 (WPM)
 UWI: 100.03-12-002-26W1.00
- Revision to Report of: 06-Oct-2010
 Contractor; Big Sky Drilling / Ensign – **Rig # 89**
- Spud Date: 16-Oct-2010
 K.B. Elevation: 472.03 m
 Surface Casing: 219.10 mm @ 253.00 m with 18.0 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 18-Oct-2010
- Lic. No.: 7656 Molopo Pierson Prov. HZNTL 3-2-2-28 (WPM)
 UWI: 100.03-02-002-28W1.00
- Licence Issued: 12-Oct-2010
 Licensee: Molopo Energy Canada Ltd.
 Mineral Rights: Crown
 Contractor: Eagle Drilling Services Ltd. - Rig# 5
 Surf. Location: 1A-3-2-28 (WPM)
 Co-ords: 110.00 m (N) of (S) boundary of Sec. 3
 100.00 m (W) of (E) boundary of Sec. 3
 Grd Elev: 454.72 m
 Proj. TD: 1,687.00 m (Triassic)
 Field: Pierson
 Classification: DEVELOPMENT (Well)
 Status: Location (LOC)
- Lic. No.: 7657 Virden Roselea Unit No. 1 HZNTL 8-20-10-25 (WPM)
 UWI: 102.08-20-010-25W1.00 - Leg 1
 UWI: 102.08-20-010-25W1.02 - Leg 2
- Licence Issued: 13-Oct-2010
 Licensee: Enerplus ECT Resources Ltd.
 Mineral Rights: Freehold
 Contractor: Precision Drilling - Rig# 303
 Surf. Location: 6A-21-10-25 (WPM)
 Co-ords: 558.16 m (N) of (S) boundary of Sec. 21
 714.35 m (E) of (W) boundary of Sec. 21
 Grd Elev: 373.51 m
 Proj. TD - Leg 1: 1,360.56 m (Mississippian)
 Proj. TD - Leg 2: 1,285.92 m (Mississippian)
 Field: Virden
 Classification: DEVELOPMENT (Well)
 Status: Location (LOC)

Lic. No.: 7658 Waskada Unit No. 2 HZNTL 4-27-1-26 (WPM)
 UWI: 102.04-27-001-26W1.00

Licence Issued: 13-Oct-2010
 Licensee: Penn West Petroleum
 Mineral Rights: Freehold
 Contractor: Big Sky Drilling Inc. - Rig# 37
 Surf. Location: 2D-27-1-26 (WPM)
 Co-ords: 309.90 m (N) of (S) boundary of Sec. 27
 475.07 m (W) of (E) boundary of Sec. 27
 Grd Elev: 462.45 m
 Proj. TD: 1,815.00 m (Triassic)
 Field: Waskada
 Classification: DEVELOPMENT (Well)
 Status: Location (LOC)

Lic. No.: 7659 Waskada Unit No. 2 HZNTL A5-27-1-26 (WPM)
 UWI: 103.05-27-001-26W1.00

Licence Issued: 13-Oct-2010
 Licensee: Penn West Petroleum
 Mineral Rights: Freehold
 Contractor: Big Sky Drilling Inc. - Rig# 37
 Surf. Location: 2D-27-1-26 (WPM)
 Co-ords: 309.90 m (N) of (S) boundary of Sec. 27
 485.07 m (W) of (E) boundary of Sec. 27
 Grd Elev: 462.48 m
 Proj. TD: 1,812.00 m (Triassic)
 Field: Waskada
 Classification: DEVELOPMENT (Well)
 Status: Location (LOC)

Lic. No.: 7660 Tundra Daly Sinclair Prov. HZNTL 9-14-8-28 (WPM)
 UWI: 102.09-14-008-28W1.00

Licence Issued: 13-Oct-2010
 Licensee: Tundra Oil & Gas Partnership
 Mineral Rights: Crown
 Contractor: Crusader Drilling Corp. - Rig# 1
 Surf. Location: 9A-15-8-28 (WPM)
 Co-ords: 697.09 m (S) of (N) boundary of Sec. 15
 60.00 m (W) of (E) boundary of Sec. 15
 Grd Elev: 488.51 m
 Proj. TD: 2,413.60 m (Devonian)
 Field: Daly Sinclair
 Classification: DEVELOPMENT (Well)
 Status: Location (LOC)

Lic. No.: 7661 Tundra Daly Sinclair HZNTL 1-22-8-28 (WPM)
 UWI: 100.01-22-008-28W1.00

Licence Issued: 13-Oct-2010
 Licensee: Tundra Oil & Gas Partnership
 Mineral Rights: Freehold
 Contractor: Crusader Drilling Corp. - Rig# 1
 Surf. Location: 1D-21-8-28 (WPM)
 Co-ords: 211.88 m (N) of (S) boundary of Sec. 22
 60.00 m (W) of (E) boundary of Sec. 22
 Grd Elev: 494.71 m
 Proj. TD: 2,417.70 m (Devonian)
 Field: Daly Sinclair
 Classification: DEVELOPMENT (Well)
 Status: Location (LOC)

Lic. No.: 7662 Tundra Daly Sinclair HZNTL 8-22-8-28 (WPM)
 UWI: 100.08-22-008-28W1.00

Licence Issued: 13-Oct-2010
 Licensee: Tundra Oil & Gas Partnership
 Mineral Rights: Freehold
 Contractor: Crusader Drilling Corp. - Rig# 1
 Surf. Location: 8A-21-8-28 (WPM)
 Co-ords: 602.24 m (N) of (S) boundary of Sec. 21
 60.00 m (W) of (E) boundary of Sec. 21
 Grd Elev: 492.68 m
 Proj. TD: 2,413.40 m (Devonian)
 Field: Daly Sinclair
 Classification: DEVELOPMENT (Well)
 Status: Location (LOC)

Lic. No.: 7663 Tundra Daly Sinclair Prov. HZNTL 14-2-8-28 (WPM)
 UWI: 100.14-02-008-28W1.00

Licence Issued: 14-Oct-2010
 Licensee: Tundra Oil & Gas Partnership
 Mineral Rights: Crown
 Contractor: Crusader Drilling Corp. - Rig# 1
 Surf. Location: 14D-3-8-28 (WPM)
 Co-ords: 132.98 m (S) of (N) boundary of Sec. 3
 744.49 m (E) of (W) boundary of Sec. 3
 Grd Elev: 489.43 m
 Proj. TD: 2,417.40 m (Devonian)
 Field: Daly Sinclair
 Classification: DEVELOPMENT (Well)
 Status: Location (LOC)