

**Innovation, Energy and Mines**

Petroleum Branch  
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**WEEKLY WELL ACTIVITY REPORT**

**PETROLEUM INDUSTRY ACTIVITY REPORT**

(January 1/10 – October 12/10)

**DRILLING ACTIVITY**

	To Oct. 12/10	To Oct. 13/09	2009 Total
Drilling Licences Issued	479	209	297
Licences Cancelled	0	6	13
Vertical Wells Drilled	63	30	53
Horizontal Wells Drilled	317	168	207
Stratigraphic Test Holes Drilled	1	0	0
Wells Drilled - Total	381	198	260
No. of Metres Drilled	706 069	382 658	482 963
Wells Re-entered	0	3	3
Wells Being Drilled	13	4	1
No. of Active Rigs	18	5	1
Wells Licenced but Not Spudded	129	34	52
Wells Completed as Potential Oil Wells	336	198	256
Wells Abandoned Dry	12	3	7
Wells Drilled but Not Completed	1	0	0
Other Completions	32	0	0
New Wells on Production	140	118	226

**GEOPHYSICAL ACTIVITY**

Geophysical Programs Licenced	16	11	15
Licences Cancelled	0	0	0
Kilometers Licenced	2040	1 366	2 096
Kilometers Run	537	720	1 611

**OIL PRICES (Average)**

	2010	2009
	\$/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)

**OIL PRODUCTION (M3)**

	2010	2009
Month of May	144 634.1	118 999.7
Cumulative Thru May 31	733 883.4	596 957.2

**WEEKLY WELL ACTIVITY REPORT****12 October 2010**

Lic. No.: 4103      Tundra et al Deloraine RE9-31-2-23 (WPM)  
UWI: 100.09-31-002-23W1.02  
  
Status: Abandoned Producer (ABD P)  
Abandoned Producer: 05-Oct-2010

Lic. No.: 4460      Penn West Waskada HZNTL 1-3-2-26 (WPM)  
UWI: 102.01-03-002-26W1.02  
  
Status: Completing (COMP)  
Completing: 06-Oct-2010

Lic. No.: 4505      Penn West Waskada HZNTL 11-35-1-26 (WPM)  
UWI: 102.11-35-001-26W1.03  
  
Status: Completing (COMP)  
Completing: 06-Oct-2010

Lic. No.: 7122      EOG Waskada Prov. HZNTL A3-16-1-24 (WPM)  
UWI: 102.03-16-001-24W1.00  
  
Main Hole Commenced: 06-Oct-2010  
K.B. Elevation: 499.66 m  
Finished Drilling: 09-Oct-2010  
Total Depth: 1665.00 m  
Production Casing: 139.7 mm @ 1665.00 m with 45.0 t  
Rig Released: 10-Oct-2010  
Status: Waiting On Service Rig (WOSR)  
Waiting On Service Rig: 10-Oct-2010

Lic. No.: 7123      EOG Waskada HZNTL 11-3-1-24 (WPM)  
UWI: 100.11-03-001-24W1.00  
  
Status: Completing (COMP)  
Completing: 05-Oct-2010

Lic. No.: 7124      EOG Waskada HZNTL A11-3-1-24 (WPM)  
UWI: 102.11-03-001-24W1.00  
  
Status: Completing (COMP)  
Completing: 07-Oct-2010

Lic. No.: 7128            EOG Waskada HZNTL 12-5-1-24 (WPM)  
 UWI: 102.12-05-001-24W1.00

Revision to Report of: 04-Oct-2010  
 Main Hole Commenced: **03**-Oct-2010

Finished Drilling: 04-Oct-2010  
 Total Depth: 1683.00 m  
 Production Casing: 139.7 mm @ 1683.0 m with 45.0 t  
 Rig Released: 05-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 05-Oct-2010

Lic. No.: 7342            Waskada Unit No. 19 HZNTL B8-27-1-25 (WPM)  
 UWI: 104.08-27-001-25W1.00

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

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

Revision to Report of: 17-May-2010  
 Contractor: Precision Drilling (1987) Ltd. – **Rig # 156**

Main Hole Commenced: 07-Oct-2010  
 K.B. Elevation: 476.56 m  
 Finished Drilling: 10-Oct-2010  
 Total Depth: 1768.00 m  
 Status: Running Casing (CSG)  
 Running Casing: 11-Oct-2010

Lic. No.: 7349            Waskada Unit No. 19 HZNTL 4-27-1-25 (WPM)  
 UWI: 102.04-27-001-25W1.00

Finished Drilling: 05-Oct-2010  
 Total Depth: 1711.00 m  
 Production Casing: 139.7 mm @ 1711.0 m with 40.5 t  
 Rig Released: 06-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 06-Oct-2010

Lic. No.: 7363            Tundra Daly Sinclair Prov. HZNTL 12-32-7-28 (WPM)  
 UWI: 100.12-32-007-28W1.00

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

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

Status: Moving In Rotary Tools (MIRT)  
 Moving In Rotary Tools: 11-Oct-2010

- Lic. No.: 7412      Sinclair Unit No. 3 HZNTL WIW 9-1-8-29 (WPM)  
 UWI: 102.09-01-008-29W1.00
- Status: Completing (COMP)  
 Completing: 07-Sep-2010
- Lic. No.: 7414      Sinclair Unit No. 3 Prov. HZNTL WIW 5-2-8-29 (WPM)  
 UWI: 102.05-02-008-29W1.00
- Status: Completing (COMP)  
 Completing: 06-Aug-2010
- Lic. No.: 7424      Penn West Waskada HZNTL 11-23-1-24 (WPM)  
 UWI: 100.11-23-001-24W1.00
- Revision to Report of: 28-Jun-2010  
 Contractor: **Big Sky Drilling / Ensign – Rig # 37**
- Spud Date: 05-Oct-2010  
 K.B. Elevation: 513.48 m  
 Surface Casing: 219.10 mm @ 251.00 m with 18.0 t  
 Finished Drilling: 09-Oct-2010  
 Total Depth: 1636.00 m  
 Production Casing: Run  
 Rig Released: 10-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 10-Oct-2010
- Lic. No.: 7440      North Virden Scallion Unit No. 1 HZNTL 11-10-11-26 (WPM)  
 UWI: 102.11-10-011-26W1.00
- Spud Date: 08-Oct-2010  
 K.B. Elevation: 460.29 m  
 Surface Casing: 244.50 mm @ 303.00 m with 22.0 t  
 Status: Preparing To Run Casing (PREP CSG)  
 Preparing To Run Casing: 11-Oct-2010
- Lic. No.: 7443      Waskada Unit No. 18 HZNTL 4-21-1-25 (WPM)  
 UWI: 102.04-21-001-25W1.00
- Status: Completing (COMP)  
 Completing: 05-Oct-2010
- Lic. No.: 7444      Waskada Unit No. 18 HZNTL A4-21-1-25 (WPM)  
 UWI: 103.04-21-001-25W1.00
- Revision to Report of: 05-Jul-2010  
 Contractor: **Horizon Drilling Incorporated. – Rig # 701**
- Main Hole Commenced: 09-Oct-2010  
 K.B. Elevation: 474.70 m  
 Status: Drilling Ahead (DR)  
 Drilling Ahead: 11-Oct-2010

Lic. No.: 7445      Waskada Unit No. 18 HZNTL 5-21-1-25 (WPM)  
 UWI: 102.05-21-001-25W1.00

Revision to Report of: 05-Jul-2010  
 Contractor: **Horizon Drilling Incorporated. – Rig # 701**

Main Hole Commenced: 05-Oct-2010  
 K.B. Elevation: 474.80 m  
 Finished Drilling: 07-Oct-2010  
 Total Depth: 1702.00 m  
 Production Casing: 139.7 mm @ 1702.0 m with 41.0 t  
 Rig Released: 08-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 08-Oct-2010

Lic. No.: 7446      Waskada Unit No. 18 HZNTL A5-21-1-25 (WPM)  
 UWI: 103.05-21-001-25W1.00

Rig Released: 04-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 04-Oct-2010

Lic. No.: 7485      Molopo Pierson HZNTL 2-30-1-28 (WPM)  
 UWI: 100.02-30-001-28W1.00

Status: Completing (COMP)  
 Completing: 07-Oct-2010

Lic. No.: 7517      Sinclair Unit No. 2 HZNTL WIW 16-19-7-28 (WPM)  
 UWI: 102.16-19-007-28W1.00

Finished Drilling: 06-Oct-2010  
 Total Depth: 2493.00 m  
 Rig Released: 08-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 08-Oct-2010

Lic. No.: 7524      Tundra Daly Sinclair Prov. HZNTL 8-6-9-28 (WPM)  
 UWI: 100.08-06-009-28W1.00

Rig Released: 04-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 04-Oct-2010

Lic. No.: 7527      Tundra Manson Prov. HZNTL 6-24-13-29 (WPM)  
 UWI: 100.06-24-013-29W1.00

Status: Completing (COMP)  
 Completing: 06-Oct-2010

Lic. No.: 7529            Magellan et al Daly Sinclair Prov. HZNTL 4-11-9-28 (WPM)  
 UWI: 100.04-11-009-28W1.00

Finished Drilling: 06-Oct-2010  
 Total Depth: 2248.00 m  
 Production Casing: 139.7 mm @ 2144.83 m with 52.0 t  
 Rig Released: 08-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 08-Oct-2010

Lic. No.: 7547            Molopo Pierson HZNTL 1-27-2-29 (WPM)  
 UWI: 100.01-27-002-29W1.00

Status: Completing (COMP)  
 Completing: 06-Oct-2010

Lic. No.: 7548            Tundra Daly Sinclair HZNTL 16-31-8-28 (WPM)  
 UWI: 102.16-31-008-28W1.00

Status: Completing (COMP)  
 Completing: 09-Oct-2010

Lic. No.: 7549            Tundra Daly Sinclair HZNTL 12-31-10-28 (WPM)  
 UWI: 100.12-31-010-28W1.00

Status: Completing (COMP)  
 Completing: 08-Oct-2010

Lic. No.: 7553            Waskada Unit No. 3 HZNTL A16-36-1-26 (WPM)  
 UWI: 103.16-36-001-26W1.00

Status: Completing (COMP)  
 Completing: 06-Oct-2010

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

Revision to Report of: 07-Sep-2010  
 Contractor: Precision Drilling (1987) Ltd. – **Rig # 205**

Spud Date: 30-Sep-2010  
 K.B. Elevation: 471.45 m  
 Surface Casing: 219.10 mm @ 256.00 m with 18.5 t  
 Status: Drilling Ahead (DR)  
 Drilling Ahead: 11-Oct-2010

Lic. No.: 7564 Enerplus Daly Sinclair Prov. HZNTL 5-11-10-28 (WPM)  
UWI: 102.05-11-010-28W1.00

Production/Intermediate Casing: Run  
Finished Drilling: 04-Oct-2010  
Total Depth: 2274.00 m  
Rig Released: 07-Oct-2010  
Status: Waiting On Service Rig (WOSR)  
Waiting On Service Rig: 07-Oct-2010

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

Main Hole Commenced: 10-Oct-2010  
K.B. Elevation: 474.61 m  
Status: Drilling Ahead (DR)  
Drilling Ahead: 11-Oct-2010

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

Revision to Report of: 13-Sep-2010  
Contractor: **Eagle Drilling Services Ltd. – Rig # 5**

Spud Date: 09-Oct-2010  
K.B. Elevation: 459.25 m  
Surface Casing: 219.10 mm @ 212.00 m with 18.0 t  
Status: Drilling Ahead (DR)  
Drilling Ahead: 11-Oct-2010

Lic. No.: 7579 Molopo Pierson HZNTL 10-32-1-28 (WPM)  
UWI: 100.10-32-001-28W1.00

Finished Drilling: 07-Oct-2010  
Total Depth: 1700.75 m  
Production Casing: 139.7 mm @ 1700.0 m with 39.0 t  
Rig Released: 08-Oct-2010  
Status: Completing (COMP)  
Completing: 10-Oct-2010

Lic. No.: 7581 Molopo Pierson Prov. HZNTL 4-4-2-28 (WPM)  
UWI: 100.04-04-002-28W1.00

Status: Completing (COMP)  
Completing: 08-Oct-2010

Lic. No.: 7582      ARC Waskada HZNTL 1-9-1-24 (WPM)  
 UWI: 102.01-09-001-24W1.00

Finished Drilling: 06-Oct-2010  
 Total Depth: 1676.00 m  
 Production Casing: 139.7 mm @ 1673.65 m with 44.5 t  
 Rig Released: 07-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 07-Oct-2010

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

Spud Date: 08-Oct-2010  
 K.B. Elevation: 504.07 m  
 Surface Casing: 219.10 mm @ 163.00 m with 12.0 t  
 Status: Drilling Ahead (DR)  
 Drilling Ahead: 11-Oct-2010

Lic. No.: 7590      Molopo Pierson HZNTL 3-26-2-29 (WPM)  
 UWI: 100.03-26-002-29W1.00

Finished Drilling: 06-Oct-2010  
 Total Depth: 2514.00 m  
 Production Casing: 139.7 mm @ 2512.0 m with 58.0 t  
 Rig Released: 08-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 08-Oct-2010

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

Production Casing: 139.7 mm @ 1815.0 m with 46.5 t  
 Rig Released: 05-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 05-Oct-2010

Lic. No.: 7593      Penn West Waskada Prov. HZNTL 12-11-2-25 (WPM)  
 UWI: 102.12-11-002-25W1.00

Surface Casing: 219.10 mm @ 254.00 m with 18.0 t  
 Finished Drilling: 08-Oct-2010  
 Total Depth: 1604.00 m  
 Production Casing: 139.7 mm @ 1604.0 m with 40.74 t  
 Rig Released: 09-Oct-2010  
 Status: Completing (COMP)  
 Completing: 12-Oct-2010

- Lic. No.: 7594      618555 SK Pierson HZNTL 1-32-1-28 (WPM)  
 UWI: 100.01-32-001-28W1.00
- Revision to Report of: 13-Sep-2010  
 Contractor: Advance Drilling Ltd. – **Rig # 1**
- Spud Date: 04-Oct-2010  
 K.B. Elevation: 463.74 m  
 Surface Casing: 219.10 mm @ 203.00 m with 15.0 t  
 Finished Drilling: 09-Oct-2010  
 Total Depth: 1673.00 m  
 Production Casing: 139.7 mm @ 1672.5 m with 35.4 t  
 Rig Released: 09-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 09-Oct-2010
- Lic. No.: 7595      Tundra Daly Sinclair HZNTL 8-26-9-29 (WPM)  
 UWI: 100.08-26-009-29W1.00
- Intermediate Casing: 177.8 mm @ 958.0 m with 13.15 t  
 Finished Drilling: 09-Oct-2010  
 Total Depth: 2271.00 m  
 Rig Released: 10-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 10-Oct-2010
- Lic. No.: 7596      Tundra Birdtail Prov. HZNTL 6-19-16-27 (WPM)  
 UWI: 100.06-19-016-27W1.00
- Spud Date: 07-Oct-2010  
 K.B. Elevation: 477.46 m  
 Surface Casing: 244.50 mm @ 139.00 m with 4.0 t  
 Intermediate Casing: 177.8 mm @ 633.0 m with 8.7 t  
 Finished Drilling: 10-Oct-2010  
 Total Depth: 1218.00 m  
 Rig Released: 10-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 10-Oct-2010
- Lic. No.: 7597      Tundra Birdtail Prov. HZNTL 14-29-16-27 (WPM)  
 UWI: 100.14-29-016-27W1.00
- Intermediate Casing: Run  
 Finished Drilling: 04-Oct-2010  
 Total Depth: 1247.00 m  
 Rig Released: 05-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 05-Oct-2010

- Lic. No.: 7605      Sinclair Unit No. 2 HZNTL WIW A4-19-7-28 (WPM)  
 UWI: 103.04-19-007-28W1.00
- Intermediate Casing: 177.8 mm @ 1078.5 m with 14.34 t  
 Finished Drilling: 08-Oct-2010  
 Total Depth: 2435.00 m  
 Rig Released: 10-Oct-2010  
 Status: Waiting On Service Rig (WOSR)  
 Waiting On Service Rig: 10-Oct-2010
- Lic. No.: 7613      Molopo Pierson Prov. HZNTL 16-28-2-29 (WPM)  
 UWI: 100.16-28-002-29W1.00
- Spud Date: 09-Oct-2010  
 K.B. Elevation: 476.92 m  
 Surface Casing: 219.10 mm @ 210.00 m with 18.0 t  
 Status: Drilling Ahead (DR)  
 Drilling Ahead: 11-Oct-2010
- Lic. No.: 7616      Penn West Waskada HZNTL 10-16-2-25 (WPM)  
 UWI: 100.10-16-002-25W1.00
- Spud Date: 09-Oct-2010  
 K.B. Elevation: 477.85 m  
 Surface Casing: 219.10 mm @ 255.00 m with 18.0 t  
 Status: Drilling Ahead (DR)  
 Drilling Ahead: 11-Oct-2010
- Lic. No.: 7622      Penn West Waskada HZNTL 10-2-1-24 (WPM)  
 UWI: 100.10-02-001-24W1.00
- Status: Moving In Rotary Tools (MIRT)  
 Moving In Rotary Tools: 11-Oct-2010
- Lic. No.: 7630      Waskada Unit No. 15 HZNTL 9-3-2-26 (WPM)  
 UWI: 102.09-03-002-26W1.00
- Revision to Report of: 27-Sep-2010  
 Contractor: Advance Drilling Ltd. – **Rig # 9**
- Spud Date: 08-Oct-2010  
 K.B. Elevation: 467.36 m  
 Surface Casing: 219.10 mm @ 166.00 m with 11.0 t  
 Status: Drilling Ahead (DR)  
 Drilling Ahead: 11-Oct-2010
- Lic. No.: 7638      Relative Daly Sinclair HZNTL 8-31-7-29 (WPM)  
 UWI: 100.08-31-007-29W1.00
- Surface Casing: 244.50 mm @ 157.00 m with 13.5 t  
 Status: Drilling Ahead (DR)  
 Drilling Ahead: 11-Oct-2010

- Lic. No.: 7641      Red Beds Waskada HZNTL 13-19-1-25 (WPM)  
 UWI: 103.13-19-001-25W1.00
- Status: Moving In Rotary Tools (MIRT)  
 Moving In Rotary Tools: 11-Oct-2010
- Lic. No.: 7642      Sinclair Unit No. 5 Prov. HZNTL WIW A1-6-8-28 (WPM)  
 UWI: 102.01-06-008-28W1.00
- Revision to Report of: 04-Oct-2010  
 Contractor: **Trinidad Drilling Ltd. – Rig # 9**
- Spud Date: 08-Oct-2010  
 K.B. Elevation: 501.19 m  
 Surface Casing: 244.50 mm @ 138.50 m with 12.5 t  
 Status: Waiting On Cement (WOC)  
 Waiting On Cement: 11-Oct-2010
- Lic. No.: 7644      Sinclair Unit No. 5 Prov. HZNTL WIW A16-6-8-28 (WPM)  
 UWI: 102.16-06-008-28W1.00
- Spud Date: 04-Oct-2010  
 K.B. Elevation: 502.80 m  
 Surface Casing: 244.50 mm @ 140.00 m with 13.5 t  
 Status: Drilling Ahead (DR)  
 Drilling Ahead: 11-Oct-2010
- Lic. No.: 7645      ARC Waskada HZNTL 2-23-1-24 (WPM)  
 UWI: 102.02-23-001-24W1.00
- Licence Issued: 05-Oct-2010  
 Licensee: ARC Resources Ltd.  
 Mineral Rights: Freehold  
 Contractor: Red Dog Drilling Inc. - Rig# 3  
 Surf. Location: 4C-24-1-24 (WPM)  
 Co-ords: 340.00 m (N) of (S) boundary of Sec. 24  
           120.00 m (E) of (W) boundary of Sec. 24  
 Grd Elev: 537.54 m  
 Proj. TD: 1,685.00 m (Triassic)  
 Field: Waskada  
 Classification: DEVELOPMENT (Well)  
 Status: Location (LOC)

Lic. No.: 7646                    618555 SK Pierson HZNTL 11-34-1-28 (WPM)  
 UWI: 100.11-34-001-28W1.00

Licence Issued: 05-Oct-2010  
 Licensee: 618555 Saskatchewan Ltd.  
 Mineral Rights: Freehold  
 Contractor: Advance Drilling Ltd. - Rig# 1  
 Surf. Location: 9A-33-1-28 (WPM)  
 Co-ords: 701.56 m (S) of (N) boundary of Sec. 33  
           60.00 m (W) of (E) boundary of Sec. 33  
 Grd Elev: 459.54 m  
 Proj. TD: 1,695.00 m (Triassic)  
 Field: Pierson  
 Classification: DEVELOPMENT (Well)  
 Spud Date: 10-Oct-2010  
 K.B. Elevation: 463.74 m  
 Surface Casing: 219.10 mm @ 201.00 m with 15.0 t  
 Status: Drilling Ahead (DR)  
 Drilling Ahead: 11-Oct-2010

Lic. No.: 7647                    Waskada Unit No. 6 HZNTL 7-12-1-26 (WPM)  
 UWI: 102.07-12-001-26W1.00

Licence Issued: 06-Oct-2010  
 Licensee: Red Beds Resources Limited  
 Mineral Rights: Freehold  
 Contractor: Trinidad Drilling Ltd. - Rig# 14  
 Surf. Location: 5A-7-1-25 (WPM)  
 Co-ords: 500.27 m (N) of (S) boundary of Sec. 7  
           293.77 m (E) of (W) boundary of Sec. 7  
 Grd Elev: 464.73 m  
 Proj. TD: 1,810.00 m (Triassic)  
 Field: Waskada  
 Classification: DEVELOPMENT (Well)  
 Status: Location (LOC)

Lic. No.: 7648                    Tundra Birdtail Prov. HZNTL 16-4-16-27 (WPM)  
 UWI: 100.16-04-016-27W1.00

Licence Issued: 06-Oct-2010  
 Licensee: Tundra Oil & Gas Partnership  
 Mineral Rights: Crown  
 Contractor: Trinidad Drilling Ltd. - Rig# 10  
 Surf. Location: 14D-4-16-27 (WPM)  
 Co-ords: 181.42 m (S) of (N) boundary of Sec. 4  
           681.27 m (E) of (W) boundary of Sec. 4  
 Grd Elev: 477.21 m  
 Proj. TD: 1,260.00 m (Devonian)  
 Area: Birdtail  
 Classification: DEVELOPMENT (Well)  
 Status: Location (LOC)  
 Status: Moving In Rotary Tools (MIRT)  
 Moving In Rotary Tools: 11-Oct-2010

- Lic. No.: 7649      Tundra Birdtail Prov. 2-32-16-27 (WPM)  
 UWI: 100.02-32-016-27W1.00
- Licence Issued: 06-Oct-2010  
 Licensee: Tundra Oil & Gas Partnership  
 Mineral Rights: Crown  
 Contractor: Trinidad Drilling Ltd. - Rig# 10  
 Co-ords: 205.14 m (N) of (S) boundary of Sec. 32  
           657.82 m (W) of (E) boundary of Sec. 32  
 Grd Elev: 500.80 m  
 Proj. TD: 589.00 m (Devonian)  
 Area: Birdtail  
 Classification: EXPLORATORY (New Field Wildcat)  
 Status: Location (LOC)
- Lic. No.: 7650      Tundra St. Lazare Prov. HZNTL 9-36-16-28 (WPM)  
 UWI: 100.09-36-016-28W1.00
- Licence Issued: 06-Oct-2010  
 Licensee: Tundra Oil & Gas Partnership  
 Mineral Rights: Crown  
 Contractor: Trinidad Drilling Ltd. - Rig# 10  
 Surf. Location: 11D-36-16-28 (WPM)  
 Co-ords: 600.40 m (S) of (N) boundary of Sec. 36  
           745.12 m (E) of (W) boundary of Sec. 36  
 Grd Elev: 480.89 m  
 Proj. TD: 1,200.60 m (Devonian)  
 Area: St. Lazare  
 Classification: DEVELOPMENT (Well)  
 Status: Location (LOC)
- Lic. No.: 7651      Penn West Waskada HZNTL 3-12-2-26 (WPM)  
 UWI: 100.03-12-002-26W1.00
- Licence Issued: 06-Oct-2010  
 Licensee: Penn West Petroleum  
 Mineral Rights: Freehold  
 Contractor: Big Sky Drilling Inc. - Rig# 37  
 Surf. Location: 1D-11-2-26 (WPM)  
 Co-ords: 330.00 m (N) of (S) boundary of Sec. 11  
           160.00 m (W) of (E) boundary of Sec. 11  
 Grd Elev: 467.28 m  
 Proj. TD: 1,659.00 m (Triassic)  
 Field: Waskada  
 Classification: DEVELOPMENT (Well)  
 Status: Location (LOC)

- Lic. No.: 7652 Penn West Waskada HZNTL 8-12-2-26 (WPM)  
UWI: 100.08-12-002-26W1.00
- Licence Issued: 06-Oct-2010  
Licensee: Penn West Petroleum  
Mineral Rights: Freehold  
Contractor: Big Sky Drilling Inc. - Rig# 37  
Surf. Location: 11A-12-2-26 (WPM)  
Co-ords: 744.96 m (S) of (N) boundary of Sec. 12  
634.61 m (E) of (W) boundary of Sec. 12  
Grd Elev: 469.48 m  
Proj. TD: 1,739.00 m (Triassic)  
Field: Waskada  
Classification: DEVELOPMENT (Well)  
Status: Location (LOC)
- Lic. No.: 7653 Fort Calgary East Manson Prov. 2-29-13-28 (WPM)  
UWI: 100.02-29-013-28W1.00
- Licence Issued: 06-Oct-2010  
Licensee: Fort Calgary Resources Ltd.  
Mineral Rights: Crown  
Contractor: Terroco Drilling Ltd. - Rig# 9  
Co-ords: 287.73 m (N) of (S) boundary of Sec. 29  
517.31 m (W) of (E) boundary of Sec. 29  
Grd Elev: 489.80 m  
Proj. TD: 687.00 m (Devonian)  
Area: East Manson  
Classification: EXPLORATORY (New Field Wildcat)  
Status: Location (LOC)
- Lic. No.: 7654 Penn West Waskada HZNTL 12-33-1-25 (WPM)  
UWI: 102.12-33-001-25W1.00
- Licence Issued: 07-Oct-2010  
Licensee: Penn West Petroleum  
Mineral Rights: Freehold  
Contractor: Big Sky Drilling Inc. - Rig# 37  
Surf. Location: 12C-33-1-25 (WPM)  
Co-ords: 250.00 m (S) of (N) boundary of Sec. 33  
528.43 m (W) of (E) boundary of Sec. 33  
Grd Elev: 473.23 m  
Proj. TD: 1,797.00 m (Triassic)  
Field: Waskada  
Classification: DEVELOPMENT (Well)  
Status: Location (LOC)

Lic. No.: 7655

Penn West Waskada HZNTL 13-33-1-25 (WPM)  
UWI: 102.13-33-001-25W1.00

Licence Issued: 07-Oct-2010

Licensee: Penn West Petroleum

Mineral Rights: Freehold

Contractor: Big Sky Drilling Inc. - Rig# 37

Surf. Location: 15A-33-1-25 (WPM)

Co-ords: 250.00 m (S) of (N) boundary of Sec. 33  
538.43 m (W) of (E) boundary of Sec. 33

Grd Elev: 473.39 m

Proj. TD: 1,708.00 m (Triassic)

Field: Waskada

Classification: DEVELOPMENT (Well)

Status: Location (LOC)