

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 1/11 – January 17/11)

<u>DRILLING ACTIVITY</u>	To Jan. 17/11	To Jan. 18/10	2010 Total
Drilling Licences Issued	26	23	632
Licences Cancelled	0	0	4
Vertical Wells Drilled	2	4	79
Horizontal Wells Drilled	22	17	436
Stratigraphic Test Holes Drilled	0	0	1
Wells Drilled - Total	24	21	516
No. of Metres Drilled	47 147	37 973	946 576
Wells Re-entered	0	0	0
Wells Being Drilled	11	7	1
No. of Active Rigs	18	11	1
Wells Licenced but Not Spudded	109	47	108
Wells Completed as Potential Oil Wells	19	19	460
Wells Abandoned Dry	2	0	19
Wells Drilled but Not Completed	3	2	0
Other Completions	0	0	37
New Wells on Production	12	0	214

GEOPHYSICAL ACTIVITY

Geophysical Programs Licenced	0	1	23
Licences Cancelled	0	0	0
Kilometers Licenced	0	55	2 249
Kilometers Run	0	10	1 064

	2010	2009
<u>OIL PRICES (Average)</u>	\$/m3 (\$/bbl)	\$/m3 (\$/bbl)
Month of November	506.57 (80.50)	485.35 (77.13)
Month of December	462.00 (73.42)	462.00 (73.42)

	2010	2009
<u>OIL PRODUCTION (M3)</u>		
Month of September	136 210.0	131 233.6
Cumulative Thru September 30	1 290 307.9	1 094 767.6

WEEKLY WELL ACTIVITY REPORT

17 January 2011

Lic. No.: 5839 Tundra Regent 15-24-4-22 (WPM)
 UWI: 100.15-24-004-22W1.00

Status: Abandoned Producer (ABD P)
 Abandoned Producer: 22-Dec-2010

Lic. No.: 5905 Tundra Goodlands 6-27-2-24 (WPM)
 UWI: 100.06-27-002-24W1.00

Status: Abandoned Dry (ABD D)
 Abandoned Dry: 22-Dec-2010

Lic. No.: 7240 Tundra East Tilston 12-21-5-28 (WPM)
 UWI: 100.12-21-005-28W1.00

Status: Abandoned Producer (ABD P)
 Abandoned Producer: 19-Aug-2010

Lic. No.: 7326 EOG Waskada HZNTL 1-17-1-24 (WPM)
 UWI: 100.01-17-001-24W1.00

Rig Released: 11-Jan-2011
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 11-Jan-2011

Lic. No.: 7327 EOG Waskada HZNTL A1-17-1-24 (WPM)
 UWI: 102.01-17-001-24W1.00

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

Main Hole Commenced: 11-Jan-2011
 K.B. Elevation: 485.11 m
 Finished Drilling: 13-Jan-2011
 Total Depth: 1598.00 m
 Production Casing: 139.7 mm @ 1598.00 m with 36.6 t
 Rig Released: 14-Jan-2011
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 14-Jan-2011

Lic. No.: 7360 Fairborne Daly Sinclair Prov. HZNTL 13-30-7-29 (WPM)
 UWI: 100.13-30-007-29W1.00

Finished Drilling: 13-Jan-2011
 Total Depth: 2564.00 m
 Status: Running Casing (CSG)
 Running Casing: 17-Jan-2011

- Lic. No.: 7385 Tundra Daly Sinclair Prov. HZNTL 8-28-8-28 (WPM)
 UWI: 100.08-28-008-28W1.00
- Status: Completing (COMP)
 Completing: 15-Jan-2011
- Lic. No.: 7458 EOG Waskada Prov. HZNTL 5-28-1-25 (WPM)
 UWI: 102.05-28-001-25W1.00
- Revision to Report of: 19-Jul-2010
 Contractor: Precision Drilling Ltd. – **Rig # 246**
- Main Hole Commenced: 12-Jan-2011
 K.B. Elevation: 475.3 m
 Finished Drilling: 16-Jan-2011
 Total Depth: 1645.00 m
 Production Casing: 139.7 mm @ 1645.0 m with 39.0 t
 Rig Released: 17-Jan-2011
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 17-Jan-2011
- Lic. No.: 7459 EOG Waskada Prov. HZNTL A5-28-1-25 (WPM)
 UWI: 103.05-28-001-25W1.00
- Revision to Report of: 19-Jul-2010
 Contractor: Precision Drilling Ltd. – **Rig # 246**
- Status: Moving In Rotary Tools (MIRT)
 Moving In Rotary Tools: 17-Jan-2011
- Lic. No.: 7465 Tundra Elkhorn HZNTL 1-6-11-28 (WPM)
 UWI: 100.01-06-011-28W1.02
- Status: Capable Of Oil Production (COOP)
 Capable Of Oil Production: 05-Oct-2010
 Field/Pool Code: Confidential
- Lic. No.: 7498 Tundra Virden HZNTL 4-28-10-27 (WPM)
 UWI: 100.04-28-010-27W1.00
- Status: Capable Of Oil Production (COOP)
 Capable Of Oil Production: 13-Oct-2010
 Field/Pool Code: Confidential
- Lic. No.: 7568 EOG Waskada HZNTL A8-16-1-25 (WPM)
 UWI: 103.08-16-001-25W1.00
- Main Hole Commenced: 15-Jan-2011
 K.B. Elevation: 474.20 m
 Status: Drilling Ahead (DR)
 Drilling Ahead: 17-Jan-2011

Lic. No.: 7569 EOG Waskada HZNTL B8-16-1-25 (WPM)
 UWI: 104.08-16-001-25W1.00

Finished Drilling: 12-Jan-2011
 Total Depth: 1670.00 m
 Production Casing: 139.7 mm @ 1669.5m with 45.0 t
 Rig Released: 15-Jan-2011
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 15-Jan-2011

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

Status: Capable Of Oil Production (COOP)
 Capable Of Oil Production: 25-Oct-2010
 Field/Pool Code: 15 60C

Lic. No.: 7597 Tundra Birdtail Prov. HZNTL 14-29-16-27 (WPM)
 UWI: 100.14-29-016-27W1.00

Status: Capable Of Oil Production (COOP)
 Capable Of Oil Production: 14-Oct-2010
 Field/Pool Code: 15 62A

Lic. No.: 7633 Reliable Elkhorn HZNTL 15-8-11-28 (WPM)
 UWI: 100.15-08-011-28W1.00

Status: Completing (COMP)
 Completing: 13-Jan-2011

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

Rig Released: 11-Jan-2011
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 11-Jan-2011

Lic. No.: 7697 Tundra Daly Sinclair HZNTL 16-8-9-29 (WPM)
 UWI: 100.16-08-009-29W1.00

Status: Completing (COMP)
 Completing: 10-Jan-2011

Lic. No.: 7706 Waskada Unit No. 3 HZNTL 1-5-2-25 (WPM)
 UWI: 102.01-05-002-25W1.00

Status: Completing (COMP)
 Completing: 15-Jan-2011

- Lic. No.: 7710 Fairborne et al Daly Sinclair HZNTL 15-19-7-29 (WPM)
UWI: 100.15-19-007-29W1.00
- Status: Completing (COMP)
Completing: 15-Jan-2011
- Lic. No.: 7740 Waskada Unit No. 5 HZNTL 2-2-2-26 (WPM)
UWI: 102.02-02-002-26W1.00
- Finished Drilling: 14-Jan-2011
Total Depth: 1780.00 m
Production Casing: 139.7 mm @ 1780.00 m with 52.0 t
Rig Released: 15-Jan-2011
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 15-Jan-2011
- Lic. No.: 7742 Waskada Unit No. 5 HZNTL 5-2-2-26 (WPM)
UWI: 102.05-02-002-26W1.00
- Revision to Report of: 29-Nov-2010
Contractor: Precision Drilling Ltd – **Rig # 303**
- Spud Date: 14-Jan-2011
K.B. Elevation: 471.98 m
Surface Casing: 219.10 mm @ 263.00 m with 20.0 t
Status: Drilling Ahead (DR)
Drilling Ahead: 17-Jan-2011
- Lic. No.: 7746 Waskada Unit No. 5 Prov. HZNTL A12-2-2-26 (WPM)
UWI: 103.12-02-002-26W1.00
- Finished Drilling: 11-Jan-2011
Total Depth: 1850.0 m
Production Casing: 139.7 mm @ 1850.0 m with 42.0 t
Rig Released: 13-Jan-2011
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 13-Jan-2011
- Lic. No.: 7747 Waskada Unit No. 5 HZNTL A7-2-2-26 (WPM)
UWI: 103.07-02-002-26W1.00
- Revision to Report of: 29-Nov-2010
Contractor: **Big Sky Drilling – Rig # 37**
- Spud Date: 16-Jan-2011
K.B. Elevation: 470.93 m
Status: Drilling Ahead (DR)
Drilling Ahead: 17-Jan-2011
- Lic. No.: 7748 Tundra Daly Sinclair Prov. HZNTL 9-34-10-29 (WPM)
UWI: 100.09-34-010-29W1.00
- Status: Completing (COMP)
Completing: 13-Jan-2011

Lic. No.: 7752 Red Beds Pierson HZNTL 6-19-2-28 (WPM)
 UWI: 100.06-19-002-28W1.00

Status: Completing (COMP)
 Completing: 12-Jan-2011

Lic. No.: 7759 Reliable South Kirkella HZNTL 9-10-11-29 (WPM)
 UWI: 100.09-10-011-29W1.00

Intermediate Casing: 177.8 mm @ 982.50 m with 15.82 t
 Finished Drilling: 14-Jan-2011
 Total Depth: 2124.00 m
 Status: Setting Liner (SETTING LINER)
 Setting Liner: 17-Jan-2011

Lic. No.: 7762 Tundra Daly Sinclair HZNTL 9-3-10-29 (WPM)
 UWI: 100.09-03-010-29W1.00

Intermediate Casing: 177.8 mm @ 986.0 m with 17.17 t
 Rig Released: 10-Jan-2011
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 10-Jan-2011

Lic. No.: 7765 Tundra Daly Sinclair HZNTL 13-7-9-29 (WPM)
 UWI: 100.13-07-009-29W1.00

Status: Completing (COMP)
 Completing: 10-Jan-2011

Lic. No.: 7773 EOG Waskada HZNTL 4-17-1-24 (WPM)
 UWI: 100.04-17-001-24W1.00

Revision to Report of: 13-Dec-2010
 Contractor: Precision Drilling (1987) Ltd. – **Rig # 156**

Main Hole Commenced: 15-Jan-2011
 K.B. Elevation: 489.75 m
 Finished Drilling: 17-Jan-2011
 Total Depth: 1628.00 m
 Production Casing: 139.7 mm @ 1607.00 m with 39.54 t
 Status: Waiting On Cement (WOC)
 Waiting On Cement: 17-Jan-2011

Lic. No.: 7775 CNRL Pierson HZNTL 13-5-2-29 (WPM)
 UWI: 100.13-05-002-29W1.00

Production Casing: 139.7 mm @ 1734.00 m with 41.5 t
 Rig Released: 11-Jan-2011
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 11-Jan-2011

- Lic. No.: 7779 Tundra South McAuley Prov. 9-29-14-29 (WPM)
 UWI: 100.09-29-014-29W1.00
- Rig Released: 11-Jan-2011
 Status: Abandoned Dry (ABD D)
 Abandoned Dry: 11-Jan-2011
- Lic. No.: 7783 Waskada Unit No. 3 HZNTL B9-36-1-26 (WPM)
 UWI: 104.09-36-001-26W1.00
- Revision to Report of: 13-Dec-2010
 Contractor: Precision Drilling (1987) Ltd. – **Rig # 205**
- Spud Date: 16-Jan-2011
 K.B. Elevation: 469.97 m
 Surface Casing: 219.10 mm @ 262.00 m with 18.5 t
 Status: Waiting On Cement (WOC)
 Waiting On Cement: 17-Jan-2011
- Lic. No.: 7784 Waskada Unit No. 3 HZNTL C9-36-1-26 (WPM)
 UWI: 105.09-36-001-26W1.00
- Finished Drilling: 13-Jan-2011
 Total Depth: 2057.00 m
 Production Casing: 139.7 mm @ 2057.00 m with 54.5 t
 Rig Released: 15-Jan-2011
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 15-Jan-2011
- Lic. No.: 7786 Penn West Waskada HZNTL 9-35-1-26 (WPM)
 UWI: 102.09-35-001-26W1.00
- Finished Drilling: 10-Jan-2011
 Total Depth: 1754.00 m
 Production Casing: 139.7 mm @ 1716.55 m with 48.6 t
 Rig Released: 12-Jan-2011
 Status: Completing (COMP)
 Completing: 16-Jan-2011
- Lic. No.: 7787 Penn West Waskada HZNTL A9-35-1-26 (WPM)
 UWI: 103.09-35-001-26W1.00
- Status: Completing (COMP)
 Completing: 16-Jan-2011
- Lic. No.: 7789 Waskada Unit No. 3 HZNTL A8-36-1-26 (WPM)
 UWI: 103.08-36-001-26W1.00
- Spud Date: 14-Jan-2011
 K.B. Elevation: 471.39 m
 Surface Casing: 219.10 mm @ 250.00 m with 18.5 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 17-Jan-2011

Lic. No.: 7792 Magellan et al Daly Sinclair Prov. HZNTL 3-12-9-28 (WPM)
UWI: 103.03-12-009-28W1.00

Spud Date: 14-Jan-2011
K.B. Elevation: 479.08 m
Surface Casing: 244.50 mm @ 143.00 m with 11.5 t
Status: Drilling Ahead (DR)
Drilling Ahead: 17-Jan-2011

Lic. No.: 7794 Sinclair Unit No. 2 HZNTL WIW A5-18-7-28 (WPM)
UWI: 103.12-17-007-28W1.00 – Stratigraphic Test Hole
UWI: 103.05-18-007-28W1.02 – HZNTL Section

UWI: 103.12-17-007-28W1.00 – Stratigraphic Test Hole

Finished Drilling: 13-Jan-2011
Total Depth: 997.00 m
Status: Abandoned Stratigraphic Test Hole (ABD STH)
Abd Stratigraphic Test Hole: 17-Jan-2011

UWI: 103.05-18-007-28W1.02 – HZNTL Section

Kick-Off Date: 17-Jan-2011
Kick-Off Point: 756.00 m
Status: Waiting On Cement (WOC)
Waiting On Cement: 17-Jan-2011

Lic. No.: 7796 Sinclair Unit No. 2 HZNTL WIW 5-25-7-29 (WPM)
UWI: 103.08-25-007-29W1.00 – Stratigraphic Test Hole
UWI: 102.05-25-007-29W1.02 – HZNTL Section

UWI: 103.08-25-007-29W1.00 – Stratigraphic Test Hole

Status: Abandoning (ABDG)
Abandoning: 17-Jan-2011

Lic. No.: 7805 Petrobakken Goodlands Prov. HZNTL 12-4-2-24 (WPM)
UWI: 100.12-04-002-24W1.00

Finished Drilling: 13-Jan-2011
Total Depth: 2378.00 m
Production Casing: 114.3m @ 2265.00 m with 87.0 t
Rig Released: 15-Jan-2011
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 15-Jan-2011

- Lic. No.: 7806 Atikwa Pierson HZNTL 11-26-1-28 (WPM)
 UWI: 100.11-26-001-28W1.00
- Revision to Report of: 29-Dec-2010
 Contractor: **Precision Drilling Ltd. – Rig # 219**
- Spud Date: 15-Jan-2011
 K.B. Elevation: 459.92 m
 Surface Casing: 219.10 mm @ 150.00 m with 12.0 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 17-Jan-2011
- Lic. No.: 7807 CNRL Pierson HZNTL 15-6-2-29 (WPM)
 UWI: 100.15-06-002-29W1.00
- Spud Date: 12-Jan-2011
 K.B. Elevation: 479.15 m
 Surface Casing: 244.50 mm @ 162.00 m with 17.0 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 17-Jan-2011
- Lic. No.: 7811 Tundra Daly Sinclair HZNTL 8-2-8-28 (WPM)
 UWI: 100.08-02-008-28W1.00
- Spud Date: 11-Jan-2011
 K.B. Elevation: 491.34 m
 Surface Casing: 244.50 mm @ 139.00 m with 12.5 t
 Intermediate Casing: 177.80 mm @ 1023.50 m with 15.7 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 17-Jan-2011
- Lic. No.: 7812 Tundra Hargrave Prov. HZNTL 9-22-11-27 (WPM)
 UWI: 100.12-22-011-27W1.00 – Stratigraphic Test Hole
 UWI: 100.09-22-011-27W1.02 – HZNTL Section
- Revision to Report of: 10-Jan-2011
 Contractor: Trinidad Drilling Ltd. – **Rig # 65**
- UWI: 100.12-22-011-27W1.00 – Stratigraphic Test Hole**
- Spud Date: 12-Jan-2011
 K.B. Elevation: 491.87 m
 Surface Casing: 244.50 mm @ 138.50 m with 14.0 t
 Finished Drilling: 14-Jan-2011
 Total Depth: 792.00 m
 Status: Abandoned Stratigraphic Test Hole (ABD STH)
 Abd Stratigraphic Test Hole: 17-Jan-2011
- UWI: 100.09-22-011-27W1.02 – HZNTL Section**
- Kick-Off Date: 17-Jan-2011
 Kick-Off Point: 477
 Status: Drilling Ahead (DR)
 Drilling Ahead: 17-Jan-2011

Lic. No.: 7819

Tundra Virden HZNTL 4-25-11-27 (WPM)
 UWI: 102.01-25-011-27W1.00 – Stratigraphic Test Hole
 UWI: 100.04-25-011-27W1.02 – HZNTL Section

Licence Issued: 11-Jan-2011
 Licensee: Tundra Oil & Gas Partnership
 Mineral Rights: Tundra Oil & Gas Partnership
 Contractor: Trinidad Drilling Ltd. - Rig# 10
 Surface Location: 01D-25-11-27
 Co-ords: 232.52m (N) of (S) boundary of Sec. 25
 72.34m (W) of (E) boundary of Sec. 25
 Grd Elev: 470.55 m
 Proj. TD: 2089.2 m (Mississippian)
 Field: Virden
 Classification: DEVELOPMENT (NON CONFIDENTIAL)

UWI: 102.01-25-011-27W1.00 – Stratigraphic Test Hole

Spud Date: 12-Jan-2011
 K.B. Elevation: 474.24 m
 Surface Casing: 244.50 mm @ 138.00 m with 14.0 t
 Finished Drilling: 15-Jan-2011
 Total Depth: 744.00 m
 Status: Abandoning (ABDG)
 Abandoning: 17-Jan-2011

Lic. No.: 7820

Fort Calgary Willen Prov. 11-4-14-28 (WPM)
 UWI: 100.11-04-014-28W1.00

Licence Issued: 12-Jan-2011
 Licensee: Fort Calgary Resources Ltd.
 Mineral Rights: Fort Calgary Resources Ltd.
 Contractor: Terroco Drilling Ltd. - Rig# 9
 Surface Location: 11D-04-14-28
 Co-ords: 558.39m (S) of (N) boundary of Sec. 4
 593.77m (E) of (W) boundary of Sec. 4
 Grd Elev: 477.61 m
 Proj. TD: 708.0 m (Devonian)
 Area: Willen
 Classification: EXPLORATORY (NEW FIELD WILDCAT)
 Status: Location(LOC)

- Lic. No.: 7821 Petrobakken Goodlands HZNTL 5-8-2-24 (WPM)
 UWI: 100.05-08-002-24W1.00
- Licence Issued: 12-Jan-2011
 Licensee: PetroBakken Energy Ltd.
 Mineral Rights: PetroBakken Energy Ltd.
 Contractor: Big Sky Drilling Inc. - Rig# 34
 Surface Location: 05B-09-02-24
 Co-ords: 475.00m (N) of (S) boundary of Sec. 09
 55.00m (E) of (W) boundary of Sec. 09
 Grd Elev: 489.92 m
 Proj. TD: 2394.0 m (Triassic)
 Area: Goodlands
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Moving In Rotary Tools (MIRT)
 Moving In Rotary Tools: 17-Jan-2011
- Lic. No.: 7822 Fairborne Tilston Prov. HZNTL 16-18-6-29 (WPM)
 UWI: 100.16-18-006-29W1.00
- Licence Issued: 12-Jan-2011
 Licensee: Fairborne Energy Ltd.
 Mineral Rights: Fairborne Energy Ltd.
 Contractor: Eagle Drilling Services Ltd. - Rig# 2
 Surface Location: 13C-18-06-29
 Co-ords: 60.00m (S) of (N) boundary of Sec. 18
 70.00m (W) of (E) boundary of Sec. 18
 Grd Elev: 509.66 m
 Proj. TD: 2414 m (Devonian)
 Area: Tilston
 Classification: EXPLORATORY (NEW FIELD WILDCAT)
 Status: Location(LOC)
- Lic. No.: 7823 Waskada Unit No. 13 HZNTL A4-1-2-26 (WPM)
 UWI: 103.04-01-002-26W1.00
- Licence Issued: 12-Jan-2011
 Licensee: Penn West Energy Trust
 Mineral Rights: Penn West Energy Trust
 Contractor: Precision Drilling - Rig# 205
 Surface Location: 02D-01-02-26
 Co-ords: 215.39m (N) of (S) boundary of Sec. 01
 513.49m (W) of (E) boundary of Sec. 01
 Grd Elev: 467.07 m
 Proj. TD: 1757 m (Triassic)
 Field: Waskada
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Location(LOC)

- Lic. No.: 7824 Waskada Unit No. 13 HZNTL B4-1-2-26 (WPM)
UWI: 104.04-01-002-26W1.00
- Licence Issued: 12-Jan-2011
Licensee: Penn West Energy Trust
Mineral Rights: Penn West Energy Trust
Contractor: Precision Drilling - Rig# 205
Surface Location: 02D-01-02-26
Co-ords: 215.38m (N) of (S) boundary of Sec. 01
 528.49m (W) of (E) boundary of Sec. 01
Grd Elev: 466.93 m
Proj. TD: 1748 m (Triassic)
Field: Waskada
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location(LOC)
- Lic. No.: 7825 Waskada Unit No. 13 HZNTL C4-1-2-26 (WPM)
UWI: 105.04-01-002-26W1.00
- Licence Issued: 12-Jan-2011
Licensee: Penn West Energy Trust
Mineral Rights: Penn West Energy Trust
Contractor: Precision Drilling - Rig# 205
Surface Location: 02D-01-02-26
Co-ords: 215.37m (N) of (S) boundary of Sec. 01
 543.49m (W) of (E) boundary of Sec. 01
Grd Elev: 466.86 m
Proj. TD: 1729 m (Triassic)
Field: Waskada
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location(LOC)
- Lic. No.: 7826 KINWEST 08 MARINER BIRDTAIL 5-5-16-27 (WPM)
UWI: 100.05-05-016-27W1.00
- Licence Issued: 13-Jan-2011
Licensee: Kinwest 2008 Energy Inc.
Mineral Rights: Kinwest 2008 Energy Inc.
Contractor: To Be Determined - Rig# 0
Surface Location: 05-05-16-27
Co-ords: 601.54m (N) of (S) boundary of Sec. 5
 194.05m (E) of (W) boundary of Sec. 5
Grd Elev: 475.88 m
Proj. TD: 600 m (Devonian)
Area: Birdtail
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location(LOC)

- Lic. No.: 7827 Fort Calgary Willen Prov. 4-6-14-28 (WPM)
UWI: 100.04-06-014-28W1.00
- Licence Issued: 13-Jan-2011
Licensee: Fort Calgary Resources Ltd.
Mineral Rights: Fort Calgary Resources Ltd.
Contractor: Terroco Drilling Ltd. - Rig# 9
Surface Location: 04B-06-14-28
Co-ords: 120.00m (N) of (S) boundary of Sec. 6
120.00m (E) of (W) boundary of Sec. 6
Grd Elev: 492.19 m
Proj. TD: 708.0 m (Devonian)
Area: Willen
Classification: EXPLORATORY (NEW FIELD WILDCAT)
Status: Location(LOC)
- Lic. No.: 7828 ARC WASKADA HZNTL A4-4-1-24 (WPM)
UWI: 103.04-04-001-24W1.00
- Licence Issued: 13-Jan-2011
Licensee: ARC RESOURCES LTD
Mineral Rights: ARC RESOURCES LTD
Contractor: Big Sky Drilling/Ensign - Rig# 25
Surface Location: 02C-04-01-24
Co-ords: 400.00m (N) of (S) boundary of Sec. 4
678.70m (W) of (E) boundary of Sec. 4
Grd Elev: 502.68 m
Proj. TD: 1653 m (Triassic)
Field: Waskada
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location(LOC)
- Lic. No.: 7829 Tundra Daly Sinclair Prov. HZNTL 8-32-10-28 (WPM)
UWI: 100.08-32-010-28W1.00
- Licence Issued: 13-Jan-2011
Licensee: Tundra Oil and Gas Partnership
Mineral Rights: Tundra Oil and Gas Partnership
Contractor: Trinidad Drilling Ltd. - Rig# 65
Surface Location: 05B-32-10-28
Co-ords: 540.00m (N) of (S) boundary of Sec. 32
45.00m (E) of (W) boundary of Sec. 32
Grd Elev: 520.74 m
Proj. TD: 2232.8 m (Mississippian)
Field: Daly Sinclair
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location(LOC)

- Lic. No.: 7830 CNRL Pierson HZNTL 5-12-2-29 (WPM)
 UWI: 100.05-12-002-29W1.00
- Licence Issued: 13-Jan-2011
 Licensee: Canadian Natural Resources
 Mineral Rights: Canadian Natural Resources
 Contractor: Precision Drilling - Rig# 120
 Surface Location: 07C-12-02-29
 Co-ords: 595.00m (N) of (S) boundary of Sec. 12
 675.00m (W) of (E) boundary of Sec. 12
 Grd Elev: 463.14 m
 Proj. TD: 1767 m (Triassic)
 Field: Pierson
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Location(LOC)
- Lic. No.: 7831 Penn West Waskada HZNTL 11-17-1-24 (WPM)
 UWI: 100.11-17-001-24W1.00
- Licence Issued: 13-Jan-2011
 Licensee: Penn West Energy Trust
 Mineral Rights: Penn West Energy Trust
 Contractor: Big Sky Drilling/Ensign - Rig# 89
 Surface Location: 09D-18-01-24
 Co-ords: 550.00m (S) of (N) boundary of Sec. 18
 153.00m (W) of (E) boundary of Sec. 18
 Grd Elev: 476.52 m
 Proj. TD: 1634 m (Triassic)
 Field: Waskada
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Location(LOC)
- Lic. No.: 7832 Penn West Waskada HZNTL 14-17-1-24 (WPM)
 UWI: 102.14-17-001-24W1.00
- Licence Issued: 13-Jan-2011
 Licensee: Penn West Energy Trust
 Mineral Rights: Penn West Energy Trust
 Contractor: Big Sky Drilling/Ensign - Rig# 89
 Surface Location: 09D-18-01-24
 Co-ords: 550.00m (S) of (N) boundary of Sec. 18
 163.00m (W) of (E) boundary of Sec. 18
 Grd Elev: 476.56 m
 Proj. TD: 1865 m (Triassic)
 Field: Waskada
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Location(LOC)

Lic. No.: 7833

Tundra Daly Sinclair HZNTL 1-3-9-28 (WPM)
UWI: 100.01-03-009-28W1.00

Licence Issued: 14-Jan-2011

Licensee: Tundra Oil & Gas Partnership

Mineral Rights: Tundra Oil & Gas Partnership

Contractor: Trinidad Drilling Ltd. - Rig# 9

Surface Location: 01A-10-09-28

Co-ords: 60.00m (N) of (S) boundary of Sec. 10

200.00m (W) of (E) boundary of Sec. 10

Grd Elev: 466.43 m

Proj. TD: 2372.6 m (Mississippian)

Field: Daly Sinclair

Classification: DEVELOPMENT (NON CONFIDENTIAL)

Status: Location(LOC)