

**FIELD DESIGNATION**

0590 2008-03-01 MAJEAU FIELD

**POOL DESIGNATION**

0590 218001 2001-03-01 VIKING A  
0590 218002 2008-03-01 VIKING B

0590 250001 2006-08-01 UPPER MANNVILLE A  
0590 250002 2001-02-01 UPPER MANNVILLE B  
0590 250003 2011-08-01 UPPER MANNVILLE C  
0590 250005 2002-11-01 UPPER MANNVILLE E  
0590 250006 2006-09-01 UPPER MANNVILLE F  
0590 250007 2007-06-01 UPPER MANNVILLE G  
0590 250008 2008-03-01 UPPER MANNVILLE H

0590 300001 2001-02-01 GLAUCONITIC A  
0590 300002 2001-02-01 GLAUCONITIC B  
0590 300003 2010-04-01 GLAUCONITIC C  
0590 300004 2001-02-01 GLAUCONITIC D  
0590 300005 2002-05-01 GLAUCONITIC E  
0590 300006 2009-01-01 GLAUCONITIC F

0590 310001 2001-02-01 LOWER MANNVILLE A  
0590 310002 2001-02-01 LOWER MANNVILLE B  
0590 310003 2001-02-01 LOWER MANNVILLE C  
0590 310004 2001-02-01 LOWER MANNVILLE D  
0590 310005 2011-05-01 LOWER MANNVILLE E  
0590 310006 2010-04-01 LOWER MANNVILLE F  
0590 310007 2001-02-01 LOWER MANNVILLE G  
0590 310008 2001-02-01 LOWER MANNVILLE H  
0590 310009 2010-11-01 LOWER MANNVILLE I  
0590 310010 2001-02-01 LOWER MANNVILLE J  
0590 310011 2001-02-01 LOWER MANNVILLE K  
0590 310012 2005-09-01 LOWER MANNVILLE L  
0590 310013 2006-08-01 LOWER MANNVILLE M  
0590 310014 2010-12-01 LOWER MANNVILLE N

**POOL DESIGNATION (cont'd)**

0590 310015 2010-04-01 LOWER MANNVILLE O  
0590 310016 2008-10-01 LOWER MANNVILLE P  
0590 310017 2009-01-01 LOWER MANNVILLE Q  
0590 310018 2009-02-01 LOWER MANNVILLE R  
0590 310019 2009-07-01 LOWER MANNVILLE S

0590 312001 2005-10-01 OSTRACOD A

0590 644001 2001-02-01 BANFF A  
0590 644002 2001-02-01 BANFF B  
0590 644003 2001-02-01 BANFF C  
0590 644004 2001-02-01 BANFF D  
0590 644005 2001-02-01 BANFF E  
0590 644006 2010-04-01 BANFF F  
0590 644007 2007-11-01 BANFF G  
0590 644008 2004-09-01 BANFF H  
0590 644009 2001-02-01 BANFF I  
0590 644010 2001-02-01 BANFF J  
0590 644011 2008-08-01 BANFF K  
0590 644012 2008-08-01 BANFF L

0590 658001 2001-02-01 WABAMUN A  
0590 658002 2001-02-01 WABAMUN B

**SPACING PATTERN**

SU 4312 4 Apr 2006

**COMMINGLED PRODUCTION**

MU 5562 28 Apr 2006

**COMPULSORY POOLING**

P 310 20 Nov 2006  
P 310A 17 Apr 2009  
Sec 30-57-2W5M  
Viking and Mannville Gas  
Defiant Resources

**FIELD DESIGNATION**

0591 2008-07-01 MAJORVILLE FIELD

**POOL DESIGNATION**

0591 126025 2003-02-01 BELLY RIVER Y  
0591 126033 2011-01-01 BELLY RIVER GG

0591 162001 2011-02-01 FIRST WHITE SPECKS A  
0591 162002 2007-06-01 FIRST WHITE SPECKS B  
0591 162003 2011-03-01 FIRST WHITE SPECKS C  
0591 162004 2011-03-01 FIRST WHITE SPECKS D  
0591 162005 2011-04-01 FIRST WHITE SPECKS E

0591 186002 2006-06-01 SECOND WHITE SPECKS B

0591 213001 2001-02-01 BOW ISLAND A  
0591 213002 2001-02-01 BOW ISLAND B  
0591 213003 2001-02-01 BOW ISLAND C  
0591 213004 2001-02-01 BOW ISLAND D  
0591 213005 2001-02-01 BOW ISLAND E  
0591 213007 2008-10-01 BOW ISLAND G

0591 250002 2010-04-01 UPPER MANNVILLE B  
0591 250003 2001-02-01 UPPER MANNVILLE C  
0591 250004 2001-02-01 UPPER MANNVILLE D  
0591 250005 2010-04-01 UPPER MANNVILLE E  
0591 250006 2001-02-01 UPPER MANNVILLE F  
0591 250007 2010-04-01 UPPER MANNVILLE G  
0591 250008 2001-02-01 UPPER MANNVILLE H  
0591 250009 2001-02-01 UPPER MANNVILLE I  
0591 250010 2001-10-01 UPPER MANNVILLE J  
0591 250011 2001-02-01 UPPER MANNVILLE K  
0591 250012 2001-02-01 UPPER MANNVILLE L  
0591 250013 2001-02-01 UPPER MANNVILLE M  
0591 250014 2010-04-01 UPPER MANNVILLE N  
0591 250015 2001-02-01 UPPER MANNVILLE O

**POOL DESIGNATION (cont'd)**

0591 250016 2001-02-01	UPPER MANNVILLE P
0591 250017 2001-02-01	UPPER MANNVILLE Q
0591 250018 2001-02-01	UPPER MANNVILLE R
0591 250020 2001-02-01	UPPER MANNVILLE T
0591 250021 2001-02-01	UPPER MANNVILLE U
0591 250022 2001-02-01	UPPER MANNVILLE V
0591 250023 2001-04-01	UPPER MANNVILLE W
0591 250024 2001-03-01	UPPER MANNVILLE X
0591 250025 2001-12-01	UPPER MANNVILLE Y
0591 250026 2002-12-01	UPPER MANNVILLE Z
0591 250027 2003-02-01	UPPER MANNVILLE AA
0591 250028 2003-06-01	UPPER MANNVILLE BB
0591 250029 2004-07-01	UPPER MANNVILLE CC
0591 250030 2007-04-01	UPPER MANNVILLE DD
0591 250032 2006-05-01	UPPER MANNVILLE FF
0591 250033 2007-10-01	UPPER MANNVILLE GG
0591 250035 2009-02-01	UPPER MANNVILLE II
0591 250036 2009-05-01	UPPER MANNVILLE JJ
0591 250037 2009-12-01	UPPER MANNVILLE KK
0591 250038 2010-03-01	UPPER MANNVILLE LL
0591 250039 2010-06-01	UPPER MANNVILLE MM
0591 250040 2010-10-01	UPPER MANNVILLE NN
0591 310001 2001-02-01	LOWER MANNVILLE A
0591 310003 2001-02-01	LOWER MANNVILLE C
0591 310004 2001-02-01	LOWER MANNVILLE D
0591 310005 2001-02-01	LOWER MANNVILLE E
0591 310006 2001-02-01	LOWER MANNVILLE F
0591 310007 2002-02-01	LOWER MANNVILLE G
0591 310009 2006-01-01	LOWER MANNVILLE I
0591 310010 2008-01-01	LOWER MANNVILLE J
0591 310011 2011-11-01	LOWER MANNVILLE K
0591 850100 2011-02-01	MFP8501 MILK RIVER
0591 850200 2011-02-01	MFP8502 MED HAT

**INDEX OF BOARD ORDERS**

**MAJ**

**MAJORVILLE FIELD**  
**February 2012**

**0591**  
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**POOL DESIGNATION (cont'd)**

0591 850600 2011-01-01 MFP8506 BELLY RIVER

0591 854300 2011-04-01 MFP8543 BSL BELLY RIV

**SPACING PATTERN**

SU 4178 12 May 2004

SU 4178A 2 Jun 2004

SU 4178B 8 Jul 2004

SU 4178C 18 Apr 2005

SU 4178D 18 Aug 2005

SU 4178E 23 Mar 2006

**COMMINGLED PRODUCTION**

MU 7908 7 Jun 2011

**FIELD DESIGNATION**

0593 2011-02-01 MALMO FIELD

**POOL DESIGNATION**

0593 106001 2009-09-01 EDMONTON A  
0593 106003 2007-02-01 EDMONTON C  
0593 106005 2001-02-01 EDMONTON E  
0593 106006 2001-02-01 EDMONTON F  
0593 106007 2001-03-01 EDMONTON G  
0593 106008 2001-03-01 EDMONTON H  
0593 106010 2004-06-01 EDMONTON J

0593 118801 2011-02-01 LOWER EDMONTON A  
0593 118802 2011-03-01 LOWER EDMONTON B

0593 126024 2003-10-01 BELLY RIVER X  
0593 126028 2005-05-01 BELLY RIVER BB  
0593 126040 2009-03-01 BELLY RIVER NN  
0593 126043 2007-06-01 BELLY RIVER QQ  
0593 126046 2008-02-01 BELLY RIVER TT

0593 134001 2005-07-01 BASAL BELLY RIVER A  
0593 134002 2006-07-01 BASAL BELLY RIVER B  
0593 134003 2007-06-01 BASAL BELLY RIVER C  
0593 134004 2007-12-01 BASAL BELLY RIVER D  
0593 134005 2010-04-01 BASAL BELLY RIVER E

0593 218001 2010-04-01 VIKING A  
0593 218002 2001-02-01 VIKING B

0593 244001 2004-01-01 BLAIRMORE A  
0593 244002 2010-11-01 BLAIRMORE B  
0593 244003 2001-02-01 BLAIRMORE C  
0593 244004 2001-02-01 BLAIRMORE D

0593 250001 2001-02-01 UPPER MANNVILLE A

**POOL DESIGNATION (cont'd)**

0593 250002 2008-02-01	UPPER MANNVILLE B
0593 250003 2008-02-01	UPPER MANNVILLE C
0593 316001 2002-02-01	OSTRACOD A
0593 336001 2012-01-01	ELLERSLIE A
0593 336002 2001-02-01	ELLERSLIE B
0593 336003 2006-01-01	ELLERSLIE C
0593 336004 2001-02-01	ELLERSLIE D
0593 336005 2001-02-01	ELLERSLIE E
0593 336006 2010-11-01	ELLERSLIE F
0593 336007 2007-07-01	ELLERSLIE G
0593 336008 2001-02-01	ELLERSLIE H
0593 336009 2001-02-01	ELLERSLIE I
0593 336010 2001-02-01	ELLERSLIE J
0593 336011 2001-02-01	ELLERSLIE K
0593 336012 2001-02-01	ELLERSLIE L
0593 336013 2001-02-01	ELLERSLIE M
0593 336014 2001-02-01	ELLERSLIE N
0593 336015 2001-02-01	ELLERSLIE O
0593 336016 2001-02-01	ELLERSLIE P
0593 336017 2001-02-01	ELLERSLIE Q
0593 336018 2001-02-01	ELLERSLIE R
0593 336019 2001-02-01	ELLERSLIE S
0593 336020 2001-03-01	ELLERSLIE T
0593 336021 2001-03-01	ELLERSLIE U
0593 336022 2001-03-01	ELLERSLIE V
0593 336023 2001-07-01	ELLERSLIE W
0593 336024 2001-08-01	ELLERSLIE X
0593 336025 2002-06-01	ELLERSLIE Y
0593 336026 2002-08-01	ELLERSLIE Z
0593 336027 2010-04-01	ELLERSLIE AA
0593 336028 2004-09-01	ELLERSLIE BB
0593 336029 2005-09-01	ELLERSLIE CC
0593 336030 2005-09-01	ELLERSLIE DD
0593 336031 2005-09-01	ELLERSLIE EE
0593 336032 2006-05-01	ELLERSLIE FF
0593 336033 2007-02-01	ELLERSLIE GG

**POOL DESIGNATION (cont'd)**

0593 336034 2007-02-01	ELLERSLIE HH
0593 336035 2007-07-01	ELLERSLIE II
0593 336036 2007-08-01	ELLERSLIE JJ
0593 336037 2008-08-01	ELLERSLIE KK
0593 336038 2011-02-01	ELLERSLIE LL
0593 658001 2006-04-01	D-1 A
0593 696001 2010-04-01	D-2 A
0593 696002 2001-02-01	D-2 B
0593 696003 2002-07-01	D-2 C
0593 696004 2005-09-01	D-2 D
0593 696005 2008-10-01	D-2 E
0593 720001 2010-04-01	D-3 A
0593 720002 2001-02-01	D-3 B
0593 720003 2010-04-01	D-3 C
0593 720004 2001-02-01	D-3 D
0593 720005 2010-04-01	D-3 E
0593 720006 2001-02-01	D-3 F
0593 720007 2002-11-01	D-3 G
0593 720008 2004-03-01	D-3 H
0593 720009 2004-05-01	D-3 I
0593 720010 2008-10-01	D-3 J
0593 850900 2011-02-01	MFP8509 BELLY RIVER

**SPACING PATTERN**

SU 4199 21 Jul 2005  
SU 4199A 3 Dec 2004  
SU 4199B 5 Jan 2005  
SU 4199C 3 Feb 2005  
SU 4199D 26 Mar 2005  
SU 4199E 22 Aug 2005  
SU 4199F 7 Sep 2005  
SU 4199G 20 Dec 2005  
SU 4199H 1 Feb 2006  
SU 4199J 9 Jun 2006

**COMPULSORY POOLING**

P 382 13 Feb 2009  
Sec 19-044-21W4  
Gas from sands and coals from all zones to  
the base of the Mannville  
Quicksilver Resources Canada Inc.

**MISCELLANEOUS ORDERS**

MISC 6122 1 Dec 1961  
Malmo Blairmore & Malmo D-2  
Wells & batteries exempt from  
subsections 2, 3(a), (b) and 7  
of sec 20c, Drill & Prod Regs

**COMMINGLED PRODUCTION**

MU 8264 13 Dec 2011

**CONCURRENT PRODUCTION**

MISC 8801 13 Jan 1988  
Blairmore A

MISC 9018 10 May 1990  
Ellerslie C

**SUBSURFACE DISPOSAL SCHEMES**

App 8505 13 May 1999  
Class II  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

0029 2001-10-01                      MANIR FIELD

**POOL DESIGNATION**

0029 192001 2006-10-01            DUNVEGAN A

0029 326001 2008-11-01            GETHING A  
0029 326002 2008-12-01            GETHING B

0029 348001 2006-11-01            CADOMIN A

0029 508001 2011-01-01            CHARLIE LAKE A  
0029 508005 2001-02-01            CHARLIE LAKE E  
0029 508008 2001-02-01            CHARLIE LAKE H  
0029 508009 2001-02-01            CHARLIE LAKE I  
0029 508010 2001-03-01            CHARLIE LAKE J  
0029 508011 2007-04-01            CHARLIE LAKE K  
0029 508012 2010-04-01            CHARLIE LAKE L

0029 658002 2010-04-01            WABAMUN B

**SPACING PATTERN**

SU 2437            20 Dec 1995  
SU 2437A          23 Aug 1999  
SU 2437B          2 Feb 2000

**SUBSURFACE DISPOSAL SCHEMES**

App 7083C        18 Jul 2011  
Class II  
Canadian Natural Resources Limited

**COMMINGLED PRODUCTION**

MU 7043            8 Oct 2008

**ENHANCED RECOVERY SCHEMES**

App 7888E        7 Nov 2011  
Waterflood  
Charlie Lake A  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

0592 2007-07-01                      MANNING FIELD

**POOL DESIGNATION**

0592 304001 2007-07-01              BLUESKY A

0592 326001 2007-10-01              GETHING A

**FIELD DESIGNATION**

0594 2011-06-01 MANNVILLE FIELD

**POOL DESIGNATION**

0594 160001 2006-10-01 COLORADO A  
0594 160003 2011-06-01 COLORADO C

0594 216006 2006-06-01 UPPER VIKING F  
0594 216007 2006-10-01 UPPER VIKING G

0594 218602 2010-04-01 UPPER & MIDDLE VIK B  
0594 218603 2010-04-01 UPPER & MIDDLE VIK C  
0594 218604 2001-11-01 UPPER & MIDDLE VIK D  
0594 218605 2005-01-01 UPPER & MIDDLE VIK E  
0594 218606 2010-04-01 UPPER & MIDDLE VIK F  
0594 218607 2010-05-01 UPPER & MIDDLE VIK G  
0594 218608 2010-05-01 UPPER & MIDDLE VIK H  
0594 218609 2010-05-01 UPPER & MIDDLE VIK I  
0594 218610 2010-09-01 UPPER & MIDDLE VIK J

0594 250001 2011-05-01 UPPER MANNVILLE A  
0594 250002 2011-04-01 UPPER MANNVILLE B  
0594 250003 2010-04-01 UPPER MANNVILLE C  
0594 250004 2004-06-01 UPPER MANNVILLE D  
0594 250005 2011-12-01 UPPER MANNVILLE E  
0594 250006 2010-04-01 UPPER MANNVILLE F  
0594 250008 2001-02-01 UPPER MANNVILLE H  
0594 250009 2001-02-01 UPPER MANNVILLE I  
0594 250010 2001-02-01 UPPER MANNVILLE J  
0594 250011 2001-02-01 UPPER MANNVILLE K  
0594 250012 2001-02-01 UPPER MANNVILLE L  
0594 250013 2006-11-01 UPPER MANNVILLE M  
0594 250014 2001-02-01 UPPER MANNVILLE N  
0594 250015 2001-02-01 UPPER MANNVILLE O  
0594 250018 2001-02-01 UPPER MANNVILLE R  
0594 250019 2001-02-01 UPPER MANNVILLE S

**POOL DESIGNATION (cont'd)**

0594 250020 2001-02-01	UPPER MANNVILLE T
0594 250021 2001-02-01	UPPER MANNVILLE U
0594 250022 2001-02-01	UPPER MANNVILLE V
0594 250023 2001-02-01	UPPER MANNVILLE W
0594 250025 2001-02-01	UPPER MANNVILLE Y
0594 250026 2001-02-01	UPPER MANNVILLE Z
0594 250027 2001-02-01	UPPER MANNVILLE AA
0594 250029 2010-04-01	UPPER MANNVILLE CC
0594 250030 2001-02-01	UPPER MANNVILLE DD
0594 250032 2010-04-01	UPPER MANNVILLE FF
0594 250033 2001-02-01	UPPER MANNVILLE GG
0594 250035 2001-02-01	UPPER MANNVILLE II
0594 250036 2010-04-01	UPPER MANNVILLE JJ
0594 250037 2001-02-01	UPPER MANNVILLE KK
0594 250038 2001-02-01	UPPER MANNVILLE LL
0594 250039 2001-02-01	UPPER MANNVILLE MM
0594 250040 2001-02-01	UPPER MANNVILLE NN
0594 250041 2001-02-01	UPPER MANNVILLE OO
0594 250042 2001-02-01	UPPER MANNVILLE PP
0594 250043 2001-02-01	UPPER MANNVILLE QQ
0594 250044 2001-02-01	UPPER MANNVILLE RR
0594 250045 2001-02-01	UPPER MANNVILLE SS
0594 250046 2001-02-01	UPPER MANNVILLE TT
0594 250047 2001-02-01	UPPER MANNVILLE UU
0594 250049 2001-02-01	UPPER MANNVILLE WW
0594 250050 2010-04-01	UPPER MANNVILLE XX
0594 250052 2001-02-01	UPPER MANNVILLE ZZ
0594 250701 2001-02-01	UPPER MANNVILLE AAA
0594 250702 2001-02-01	UPPER MANNVILLE BBB
0594 250703 2001-02-01	UPPER MANNVILLE CCC
0594 250704 2001-02-01	UPPER MANNVILLE DDD
0594 250706 2001-02-01	UPPER MANNVILLE FFF
0594 250707 2001-02-01	UPPER MANNVILLE GGG
0594 250708 2001-02-01	UPPER MANNVILLE HHH
0594 250709 2001-02-01	UPPER MANNVILLE III
0594 250710 2009-07-01	UPPER MANNVILLE JJJ
0594 250712 2004-06-01	UPPER MANNVILLE LLL
0594 250715 2004-03-01	UPPER MANNVILLE OOO

**POOL DESIGNATION (cont'd)**

0594 250716 2001-02-01	UPPER MANNVILLE PPP
0594 250717 2001-02-01	UPPER MANNVILLE QQQ
0594 250718 2001-02-01	UPPER MANNVILLE RRR
0594 250719 2001-02-01	UPPER MANNVILLE SSS
0594 250720 2001-02-01	UPPER MANNVILLE TTT
0594 250721 2001-02-01	UPPER MANNVILLE UUU
0594 250722 2001-02-01	UPPER MANNVILLE VVV
0594 250723 2004-01-01	UPPER MANNVILLE WWW
0594 250724 2004-01-01	UPPER MANNVILLE XXX
0594 250725 2001-02-01	UPPER MANNVILLE YYY
0594 250726 2001-02-01	UPPER MANNVILLE ZZZ
0594 250727 2001-02-01	UPPER MANNVILLE A2A
0594 250728 2001-02-01	UPPER MANNVILLE B2B
0594 250729 2010-04-01	UPPER MANNVILLE C2C
0594 250730 2001-02-01	UPPER MANNVILLE D2D
0594 250731 2001-02-01	UPPER MANNVILLE E2E
0594 250732 2001-02-01	UPPER MANNVILLE F2F
0594 250733 2001-02-01	UPPER MANNVILLE G2G
0594 250734 2007-01-01	UPPER MANNVILLE H2H
0594 250735 2011-10-01	UPPER MANNVILLE I2I
0594 250736 2001-02-01	UPPER MANNVILLE J2J
0594 250737 2004-07-01	UPPER MANNVILLE K2K
0594 250738 2001-02-01	UPPER MANNVILLE L2L
0594 250739 2001-02-01	UPPER MANNVILLE M2M
0594 250740 2001-02-01	UPPER MANNVILLE N2N
0594 250741 2010-04-01	UPPER MANNVILLE O2O
0594 250743 2001-02-01	UPPER MANNVILLE Q2Q
0594 250744 2005-01-01	UPPER MANNVILLE R2R
0594 250745 2010-04-01	UPPER MANNVILLE S2S
0594 250746 2001-02-01	UPPER MANNVILLE T2T
0594 250747 2001-02-01	UPPER MANNVILLE U2U
0594 250748 2005-03-01	UPPER MANNVILLE V2V
0594 250749 2004-02-01	UPPER MANNVILLE W2W
0594 250750 2001-02-01	UPPER MANNVILLE X2X
0594 250751 2010-04-01	UPPER MANNVILLE Y2Y
0594 250752 2003-02-01	UPPER MANNVILLE Z2Z
0594 251101 2006-08-01	UPPER MANNVILLE A3A
0594 251102 2001-02-01	UPPER MANNVILLE B3B

**POOL DESIGNATION (cont'd)**

0594 251103 2001-02-01	UPPER MANNVILLE C3C
0594 251104 2001-02-01	UPPER MANNVILLE D3D
0594 251105 2001-02-01	UPPER MANNVILLE E3E
0594 251106 2001-02-01	UPPER MANNVILLE F3F
0594 251107 2010-04-01	UPPER MANNVILLE G3G
0594 251108 2010-04-01	UPPER MANNVILLE H3H
0594 251109 2010-07-01	UPPER MANNVILLE I3I
0594 251110 2001-12-01	UPPER MANNVILLE J3J
0594 251111 2010-07-01	UPPER MANNVILLE K3K
0594 251112 2010-04-01	UPPER MANNVILLE L3L
0594 251113 2010-04-01	UPPER MANNVILLE M3M
0594 251114 2010-04-01	UPPER MANNVILLE N3N
0594 251115 2003-10-01	UPPER MANNVILLE O3O
0594 251116 2005-05-01	UPPER MANNVILLE P3P
0594 251117 2003-10-01	UPPER MANNVILLE Q3Q
0594 251118 2005-02-01	UPPER MANNVILLE R3R
0594 251120 2005-09-01	UPPER MANNVILLE T3T
0594 251121 2003-07-01	UPPER MANNVILLE U3U
0594 251122 2010-04-01	UPPER MANNVILLE V3V
0594 251123 2010-04-01	UPPER MANNVILLE W3W
0594 251124 2002-07-01	UPPER MANNVILLE X3X
0594 251125 2002-07-01	UPPER MANNVILLE Y3Y
0594 251126 2002-07-01	UPPER MANNVILLE Z3Z
0594 251127 2010-07-01	UPPER MANNVILLE A4A
0594 251128 2005-03-01	UPPER MANNVILLE B4B
0594 251129 2003-02-01	UPPER MANNVILLE C4C
0594 251130 2002-08-01	UPPER MANNVILLE D4D
0594 251131 2002-09-01	UPPER MANNVILLE E4E
0594 251132 2002-09-01	UPPER MANNVILLE F4F
0594 251134 2003-01-01	UPPER MANNVILLE H4H
0594 251135 2003-01-01	UPPER MANNVILLE I4I
0594 251136 2002-12-01	UPPER MANNVILLE J4J
0594 251137 2002-12-01	UPPER MANNVILLE K4K
0594 251138 2002-10-01	UPPER MANNVILLE L4L
0594 251139 2002-10-01	UPPER MANNVILLE M4M
0594 251140 2002-11-01	UPPER MANNVILLE N4N
0594 251141 2010-04-01	UPPER MANNVILLE O4O
0594 251142 2010-04-01	UPPER MANNVILLE P4P

**POOL DESIGNATION (cont'd)**

0594 251143 2002-11-01	UPPER MANNVILLE Q4Q
0594 251144 2003-05-01	UPPER MANNVILLE R4R
0594 251145 2003-05-01	UPPER MANNVILLE S4S
0594 251146 2003-02-01	UPPER MANNVILLE T4T
0594 251147 2004-12-01	UPPER MANNVILLE U4U
0594 251148 2003-05-01	UPPER MANNVILLE V4V
0594 251149 2003-03-01	UPPER MANNVILLE W4W
0594 251151 2003-09-01	UPPER MANNVILLE Y4Y
0594 251152 2003-07-01	UPPER MANNVILLE Z4Z
0594 251501 2003-05-01	UPPER MANNVILLE A5A
0594 251502 2003-05-01	UPPER MANNVILLE B5B
0594 251503 2003-07-01	UPPER MANNVILLE C5C
0594 251504 2010-04-01	UPPER MANNVILLE D5D
0594 251505 2003-09-01	UPPER MANNVILLE E5E
0594 251506 2003-05-01	UPPER MANNVILLE F5F
0594 251507 2003-09-01	UPPER MANNVILLE G5G
0594 251508 2003-09-01	UPPER MANNVILLE H5H
0594 251509 2010-04-01	UPPER MANNVILLE I5I
0594 251510 2003-05-01	UPPER MANNVILLE J5J
0594 251511 2003-05-01	UPPER MANNVILLE K5K
0594 251513 2003-05-01	UPPER MANNVILLE M5M
0594 251514 2003-05-01	UPPER MANNVILLE N5N
0594 251515 2003-09-01	UPPER MANNVILLE O5O
0594 251516 2003-06-01	UPPER MANNVILLE P5P
0594 251517 2003-08-01	UPPER MANNVILLE Q5Q
0594 251518 2003-07-01	UPPER MANNVILLE R5R
0594 251519 2003-06-01	UPPER MANNVILLE S5S
0594 251520 2011-12-01	UPPER MANNVILLE T5T
0594 251521 2011-12-01	UPPER MANNVILLE U5U
0594 251522 2011-12-01	UPPER MANNVILLE V5V
0594 251523 2010-04-01	UPPER MANNVILLE W5W
0594 251524 2003-08-01	UPPER MANNVILLE X5X
0594 251525 2003-10-01	UPPER MANNVILLE Y5Y
0594 251526 2004-01-01	UPPER MANNVILLE Z5Z
0594 251527 2004-05-01	UPPER MANNVILLE A6A
0594 251528 2004-02-01	UPPER MANNVILLE B6B
0594 251529 2004-02-01	UPPER MANNVILLE C6C
0594 251530 2004-03-01	UPPER MANNVILLE D6D

**POOL DESIGNATION (cont'd)**

0594 251531 2004-08-01	UPPER MANNVILLE E6E
0594 251532 2004-06-01	UPPER MANNVILLE F6F
0594 251533 2004-07-01	UPPER MANNVILLE G6G
0594 251534 2004-08-01	UPPER MANNVILLE H6H
0594 251535 2006-01-01	UPPER MANNVILLE I6I
0594 251536 2005-03-01	UPPER MANNVILLE J6J
0594 251537 2005-05-01	UPPER MANNVILLE K6K
0594 251538 2005-01-01	UPPER MANNVILLE L6L
0594 251539 2005-03-01	UPPER MANNVILLE M6M
0594 251540 2005-07-01	UPPER MANNVILLE N6N
0594 251541 2005-04-01	UPPER MANNVILLE O6O
0594 251542 2005-05-01	UPPER MANNVILLE P6P
0594 251543 2005-05-01	UPPER MANNVILLE Q6Q
0594 251544 2005-05-01	UPPER MANNVILLE R6R
0594 251545 2005-06-01	UPPER MANNVILLE S6S
0594 251546 2010-04-01	UPPER MANNVILLE T6T
0594 251547 2010-04-01	UPPER MANNVILLE U6U
0594 251548 2011-08-01	UPPER MANNVILLE V6V
0594 251549 2011-08-01	UPPER MANNVILLE W6W
0594 251550 2005-08-01	UPPER MANNVILLE X6X
0594 251551 2005-09-01	UPPER MANNVILLE Y6Y
0594 251552 2010-07-01	UPPER MANNVILLE Z6Z
0594 251901 2005-12-01	UPPER MANNVILLE A7A
0594 251902 2005-12-01	UPPER MANNVILLE B7B
0594 251903 2005-12-01	UPPER MANNVILLE C7C
0594 251904 2005-12-01	UPPER MANNVILLE D7D
0594 251905 2006-01-01	UPPER MANNVILLE E7E
0594 251906 2006-02-01	UPPER MANNVILLE F7F
0594 251907 2010-04-01	UPPER MANNVILLE G7G
0594 251908 2008-09-01	UPPER MANNVILLE H7H
0594 251909 2006-07-01	UPPER MANNVILLE I7I
0594 251910 2006-10-01	UPPER MANNVILLE J7J
0594 251911 2006-11-01	UPPER MANNVILLE K7K
0594 251912 2007-02-01	UPPER MANNVILLE L7L
0594 251913 2007-02-01	UPPER MANNVILLE M7M
0594 251914 2007-06-01	UPPER MANNVILLE N7N
0594 251915 2007-06-01	UPPER MANNVILLE O7O
0594 251916 2007-07-01	UPPER MANNVILLE P7P

**POOL DESIGNATION (cont'd)**

0594 251917 2007-07-01	UPPER MANNVILLE Q7Q
0594 251918 2007-07-01	UPPER MANNVILLE R7R
0594 251919 2008-01-01	UPPER MANNVILLE S7S
0594 251920 2009-01-01	UPPER MANNVILLE T7T
0594 251921 2009-02-01	UPPER MANNVILLE U7U
0594 251922 2010-08-01	UPPER MANNVILLE V7V
0594 251923 2009-07-01	UPPER MANNVILLE W7W
0594 251924 2009-08-01	UPPER MANNVILLE X7X
0594 251925 2009-10-01	UPPER MANNVILLE Y7Y
0594 251926 2010-07-01	UPPER MANNVILLE Z7Z
0594 251927 2010-07-01	UPPER MANNVILLE A8A
0594 251928 2010-07-01	UPPER MANNVILLE B8B
0594 251929 2010-07-01	UPPER MANNVILLE C8C
0594 251930 2011-05-01	UPPER MANNVILLE D8D
0594 251931 2011-05-01	UPPER MANNVILLE E8E
0594 251932 2011-06-01	UPPER MANNVILLE F8F
0594 251933 2011-08-01	UPPER MANNVILLE G8G
0594 251934 2011-12-01	UPPER MANNVILLE H8H
0594 310001 2001-02-01	LOWER MANNVILLE A
0594 310002 2001-02-01	LOWER MANNVILLE B
0594 310003 2001-02-01	LOWER MANNVILLE C
0594 310004 2001-02-01	LOWER MANNVILLE D
0594 310005 2001-02-01	LOWER MANNVILLE E
0594 310006 2001-02-01	LOWER MANNVILLE F
0594 310007 2003-02-01	LOWER MANNVILLE G
0594 310008 2001-02-01	LOWER MANNVILLE H
0594 310009 2010-04-01	LOWER MANNVILLE I
0594 310010 2001-02-01	LOWER MANNVILLE J
0594 310011 2002-11-01	LOWER MANNVILLE K
0594 310012 2003-01-01	LOWER MANNVILLE L
0594 310013 2010-04-01	LOWER MANNVILLE M
0594 310014 2003-05-01	LOWER MANNVILLE N
0594 310015 2004-08-01	LOWER MANNVILLE O
0594 310016 2004-08-01	LOWER MANNVILLE P
0594 310017 2005-03-01	LOWER MANNVILLE Q
0594 310019 2011-05-01	LOWER MANNVILLE S
0594 310020 2011-05-01	LOWER MANNVILLE T

**POOL DESIGNATION (cont'd)**

0594 310021 2011-05-01 LOWER MANNVILLE U

0594 851800 2010-04-01 MFP8518 U&M VIKING

**SPACING PATTERN**

SU 2791 14 Nov 1996

SU 2791A 4 Jan 2001

SU 2791B 24 Mar 2005

SU 2791C 26 Oct 2005

SU 2791D 5 Dec 2006

**COMMINGLED PRODUCTION**

MU 7396 9 Apr 2010

**SUBSURFACE DISPOSAL SCHEMES**

App 8323 1 May 1998

Class II

Archer Resources Ltd.

App 11708 14 Oct 2011

Class II

Perpetual Energy Operating Corp.

**FIELD DESIGNATION**

0583 2002-11-01           MANNY FIELD

**POOL DESIGNATION**

0583 262001 2001-02-01   GRAND RAPIDS A  
0583 262002 2001-02-01   GRAND RAPIDS B  
0583 262003 2010-10-01   GRAND RAPIDS C  
0583 262004 2010-04-01   GRAND RAPIDS D  
0583 262005 2010-04-01   GRAND RAPIDS E  
0583 262006 2010-04-01   GRAND RAPIDS F  
0583 262007 2010-10-01   GRAND RAPIDS G  
0583 262008 2006-02-01   GRAND RAPIDS H  
0583 262009 2008-07-01   GRAND RAPIDS I  
0583 262010 2010-10-01   GRAND RAPIDS J  
0583 262011 2010-11-01   GRAND RAPIDS K  
0583 262012 2010-11-01   GRAND RAPIDS L

0583 306002 2004-08-01   WABISKAW B  
0583 306003 2005-11-01   WABISKAW C

0583 328001 2001-02-01   MCMURRAY A  
0583 328002 2001-03-01   MCMURRAY B  
0583 328003 2001-03-01   MCMURRAY C  
0583 328004 2010-04-01   MCMURRAY D  
0583 328005 2004-02-01   MCMURRAY E  
0583 328006 2004-02-01   MCMURRAY F  
0583 328007 2004-05-01   MCMURRAY G  
0583 328008 2007-08-01   MCMURRAY H

0583 350001 2001-02-01   DETRITAL A

0583 696001 2010-04-01   NISKU A  
0583 696002 2004-05-01   NISKU B  
0583 696003 2007-07-01   NISKU C

**COMMINGLED PRODUCTION**

MU 3500       3 May 2004

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**SUBSURFACE DISPOSAL SCHEMES**

App 10501 11 Apr 2006

Class II

Husky Oil Operations Limited

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**FIELD DESIGNATION**

0588 2006-05-01            MANOLA FIELD

**POOL DESIGNATION**

0588 126001 2009-12-01    BELLY RIVER A

0588 218001 2009-12-01    VIKING A

0588 250001 2004-09-01    UPPER MANNVILLE A

0588 300001 2004-10-01    GLAUCONITIC A  
0588 300002 2004-09-01    GLAUCONITIC B  
0588 300003 2009-12-01    GLAUCONITIC C  
0588 300004 2009-12-01    GLAUCONITIC D

0588 310001 2001-02-01    LOWER MANNVILLE A  
0588 310005 2010-04-01    LOWER MANNVILLE E  
0588 310006 2001-02-01    LOWER MANNVILLE F  
0588 310008 2001-02-01    LOWER MANNVILLE H  
0588 310009 2011-09-01    LOWER MANNVILLE I  
0588 310011 2010-04-01    LOWER MANNVILLE K  
0588 310012 2001-02-01    LOWER MANNVILLE L  
0588 310013 2001-02-01    LOWER MANNVILLE M  
0588 310014 2002-03-01    LOWER MANNVILLE N  
0588 310015 2001-06-01    LOWER MANNVILLE O  
0588 310016 2001-02-01    LOWER MANNVILLE P  
0588 310017 2001-02-01    LOWER MANNVILLE Q  
0588 310018 2001-02-01    LOWER MANNVILLE R  
0588 310019 2003-03-01    LOWER MANNVILLE S  
0588 310020 2002-10-01    LOWER MANNVILLE T  
0588 310021 2003-05-01    LOWER MANNVILLE U  
0588 310022 2004-07-01    LOWER MANNVILLE V  
0588 310023 2004-05-01    LOWER MANNVILLE W  
0588 310024 2004-10-01    LOWER MANNVILLE X  
0588 310025 2004-07-01    LOWER MANNVILLE Y  
0588 310026 2009-12-01    LOWER MANNVILLE Z

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**SPACING PATTERN**

SU 2428      7 Dec 1995  
SU 2428A    12 Mar 1996

**COMMINGLED PRODUCTION**

MU 1622      11 Jun 1998

**SUBSURFACE DISPOSAL SCHEMES**

App 7113      16 Feb 1993  
Class II  
Cabre Exploration Ltd.

**FIELD DESIGNATION**

0595 2006-04-01                   MANYBERRIES FIELD

**POOL DESIGNATION**

0595 126001 2006-04-01       BELLY RIVER A  
0595 126002 2008-01-01       BELLY RIVER B

0595 158001 2011-12-01       MILK RIVER A

0595 164001 2011-12-01       MEDICINE HAT A  
0595 164002 2011-12-01       MEDICINE HAT B

0595 213001 2010-04-01       BOW ISLAND A  
0595 213002 2001-02-01       BOW ISLAND B  
0595 213003 2001-02-01       BOW ISLAND C  
0595 213004 2001-02-01       BOW ISLAND D  
0595 213005 2001-02-01       BOW ISLAND E  
0595 213006 2011-09-01       BOW ISLAND F

0595 300001 2001-02-01       GLAUCONITIC A  
0595 300002 2001-02-01       GLAUCONITIC B

0595 332001 2001-02-01       SUNBURST A  
0595 332002 2011-04-01       SUNBURST B  
0595 332003 2010-04-01       SUNBURST C  
0595 332007 2001-02-01       SUNBURST G  
0595 332010 2003-07-01       SUNBURST J  
0595 332012 2001-02-01       SUNBURST L  
0595 332013 2001-02-01       SUNBURST M  
0595 332014 2001-02-01       SUNBURST N  
0595 332015 2005-07-01       SUNBURST O  
0595 332016 2001-02-01       SUNBURST P  
0595 332017 2011-09-01       SUNBURST Q  
0595 332018 2003-04-01       SUNBURST R  
0595 332019 2001-02-01       SUNBURST S  
0595 332021 2001-02-01       SUNBURST U

**POOL DESIGNATION (cont'd)**

0595 332029 2001-02-01	SUNBURST CC
0595 332032 2001-02-01	SUNBURST FF
0595 332034 2001-02-01	SUNBURST HH
0595 332035 2001-02-01	SUNBURST II
0595 332036 2010-10-01	SUNBURST JJ
0595 332037 2010-04-01	SUNBURST KK
0595 332038 2001-02-01	SUNBURST LL
0595 332041 2002-04-01	SUNBURST OO
0595 332045 2010-04-01	SUNBURST SS
0595 332049 2001-02-01	SUNBURST WW
0595 332050 2001-02-01	SUNBURST XX
0595 332052 2001-02-01	SUNBURST ZZ
0595 332101 2001-02-01	SUNBURST AAA
0595 332105 2001-02-01	SUNBURST EEE
0595 332106 2001-02-01	SUNBURST FFF
0595 332107 2001-02-01	SUNBURST GGG
0595 332108 2001-02-01	SUNBURST HHH
0595 332109 2001-02-01	SUNBURST III
0595 332110 2003-11-01	SUNBURST JJJ
0595 332112 2001-02-01	SUNBURST LLL
0595 332113 2010-04-01	SUNBURST MMM
0595 332115 2001-02-01	SUNBURST OOO
0595 332116 2001-02-01	SUNBURST PPP
0595 332117 2001-02-01	SUNBURST QQQ
0595 332118 2003-07-01	SUNBURST RRR
0595 332119 2008-02-01	SUNBURST SSS
0595 420002 2001-02-01	SWIFT B
0595 420003 2001-02-01	SWIFT C
0595 428001 2003-12-01	SAWTOOTH A
0595 428002 2009-09-01	SAWTOOTH B
0595 446001 2001-02-01	JURASSIC A
0595 446002 2010-04-01	JURASSIC B
0595 446003 2007-03-01	JURASSIC C

**SPACING PATTERN**

SU 3057 17 Oct 2001  
SU 3057A 19 Nov 2001  
SU 3057B 10 Jan 2002  
SU 3057C 12 Apr 2002  
SU 3057D 17 May 2002  
SU 3057E 26 Feb 2003  
SU 3057F 11 Jul 2005  
SU 3057G 12 Sep 2005

**ENHANCED RECOVERY SCHEMES**

App 6768F 6 Apr 2011  
Waterflood  
Sunburst O  
Bonavista Energy Corporation

App 6853E 6 Apr 2011  
Waterflood  
Sunburst JJ  
Bonavista Energy Corporation

App 6940E 6 Apr 2011  
Waterflood  
Sunburst B  
Bonavista Energy Corporation

App 7162H 14 Oct 2010  
Waterflood  
Sunburst VV  
Chinook Energy Inc.

App 7340C 8 Jun 2009  
Waterflood  
Sunburst Q  
Iteration Energy Ltd.

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 8366E 6 Apr 2011  
Waterflood  
Sunburst II  
Bonavista Energy Corporation

App 8706F 14 Oct 2010  
Waterflood  
Sunburst MMM  
Chinook Energy Inc.

App 8729G 6 Apr 2011  
Waterflood  
Sunburst KK  
Bonavista Energy Corporation

App 9138E 17 Dec 2010  
Waterflood  
Sunburst B  
Chinook Energy Inc.

App 9283E 14 Oct 2010  
Waterflood  
Sunburst Q  
Chinook Energy Inc.

App 9860A 23 Jun 2011  
Sunburst Q  
Waterflood  
Bonavista Energy Corporation

App 9859A 6 Apr 2011  
Waterflood  
Sunburst JJ  
Bonavista Energy Corporation

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 10038E 6 Apr 2011  
Waterflood  
Sunburst OO  
Bonavista Energy Corporation

App 10149D 14 Oct 2010  
Waterflood  
Sunburst LL  
Chinook Energy Inc.

App 10531C 19 Oct 2010  
Waterflood  
Sunburst JJ  
Chinook Energy Inc.

App 10536A 6 Apr 2011  
Waterflood  
Swift B  
Bonavista Energy Corporation

App 10810C 14 Oct 2010  
Waterflood  
Sunburst C  
Chinook Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 4782 15 Jan 1986  
Class II  
Anderson Exploration Ltd.

App 10340 27 Jul 2005  
Class II  
Tiverton Petroleums Ltd.

**SURFACE PIT DISPOSAL**

W 370 18 Jan 1974  
Water disposal limit  
Anderson et al MANYB 10-1-5-5 BTY  
Anderson Exploration Ltd.

**COMPULSORY POOLING**

P 110 9 Apr 1992  
Gas production  
Sec 22-5-4 W4M

**FIELD DESIGNATION**

0613 2011-09-01                      MARIE FIELD

**POOL DESIGNATION**

0613 262001 2001-02-01            GRAND RAPIDS A  
0613 262002 2010-04-01            GRAND RAPIDS B  
0613 262003 2002-02-01            GRAND RAPIDS C  
0613 262005 2001-02-01            GRAND RAPIDS E  
0613 262006 2010-06-01            GRAND RAPIDS F  
0613 262007 2002-12-01            GRAND RAPIDS G  
0613 262008 2005-07-01            GRAND RAPIDS H  
0613 262009 2011-09-01            GRAND RAPIDS I

0613 270001 2001-02-01            WASECA A  
0613 270002 2003-03-01            WASECA B  
0613 270003 2005-06-01            WASECA C

0613 280001 2001-02-01            CLEARWATER A  
0613 280002 2001-02-01            CLEARWATER B  
0613 280003 2001-02-01            CLEARWATER C  
0613 280004 2003-08-01            CLEARWATER D

**SUBSURFACE DISPOSAL SCHEMES**

App 9162            9 Aug 2002  
Class II  
Husky Oil Operations Limited

**FIELD DESIGNATION**

0610 2011-07-01 MARKERVILLE FIELD

**POOL DESIGNATION**

0610 064001 2011-11-01 PASKAPOO A

0610 118812 2008-01-01 LOWER EDMONTON L

0610 126001 2008-03-01 BELLY RIVER A

0610 176003 2009-01-01 CARDIUM C

0610 186001 2005-02-01 SECOND WHITE SPECKS A

0610 218001 2001-02-01 VIKING A

0610 218002 2001-02-01 VIKING B

0610 218003 2001-02-01 VIKING C

0610 218004 2005-04-01 VIKING D

0610 336002 2001-02-01 ELLERSLIE B

0610 336004 2001-02-01 ELLERSLIE D

0610 336005 2001-02-01 ELLERSLIE E

0610 336006 2001-02-01 ELLERSLIE F

0610 336007 2001-02-01 ELLERSLIE G

0610 336008 2001-03-01 ELLERSLIE H

0610 336009 2003-03-01 ELLERSLIE I

0610 336010 2003-03-01 ELLERSLIE J

0610 336011 2008-09-01 ELLERSLIE K

0610 336012 2008-10-01 ELLERSLIE L

0610 336013 2009-11-01 ELLERSLIE M

0610 446001 2001-02-01 JURASSIC A

0610 642001 2010-04-01 PEKISKO A

0610 642002 2001-02-01 PEKISKO B

0610 642003 2011-11-01 PEKISKO C

**POOL DESIGNATION (cont'd)**

0610 642005 2005-02-01 PEKISKO E  
0610 856200 2011-12-01 MFP8562 EDMONTON  
0610 856300 2011-08-01 MFP8563 LWR EDMONTON

**SPACING PATTERN**

SU 2261 13 Jun 1995  
SU 2261A 7 May 2005  
SU 2261B 29 Jun 2005  
SU 2261C 7 Sep 2005  
SU 2261D 14 Dec 2005  
SU 2261F 10 Feb 2006  
SU 2261G 8 Mar 2006  
SU 2261H 21 Nov 2006  
SU 2261I 23 Mar 2007  
SU 2261J 17 Jul 2007  
SU 2261K 11 Sep 2007  
SU 2261L 15 Oct 2007

**COMMINGLED PRODUCTION**

MU 7526 7 Sep 2010

**FIELD DESIGNATION**

1154 2009-02-01                    MARLOWE FIELD

**POOL DESIGNATION**

1154 758001 2001-02-01        SLAVE POINT A  
1154 758002 2010-04-01        SLAVE POINT B  
1154 758003 2001-03-01        SLAVE POINT C  
1154 758005 2001-09-01        SLAVE POINT E  
1154 758006 2002-03-01        SLAVE POINT F  
1154 758007 2002-04-01        SLAVE POINT G  
1154 758008 2002-03-01        SLAVE POINT H  
1154 758009 2003-05-01        SLAVE POINT I  
1154 758010 2007-02-01        SLAVE POINT J  
1154 758011 2007-12-01        SLAVE POINT K

1154 767501 2008-06-01        SULPHUR POINT A  
1154 767502 2008-06-01        SULPHUR POINT B  
1154 767503 2011-12-01        SULPHUR POINT C

1154 772101 2008-06-01        KEG RIVER A  
1154 772103 2008-06-01        KEG RIVER C  
1154 772104 2010-04-01        KEG RIVER D  
1154 772105 2008-06-01        KEG RIVER E  
1154 772106 2008-06-01        KEG RIVER F  
1154 772107 2008-06-01        KEG RIVER G  
1154 772108 2008-06-01        KEG RIVER H  
1154 772109 2008-06-01        KEG RIVER I  
1154 772110 2011-12-01        KEG RIVER J

**SPACING PATTERN**

SU 4353            15 Nov 2006  
SU 4353A          6 Jun 2007

**SUBSURFACE DISPOSAL SCHEMES**

App 8436          8 Apr 1999  
Class II  
Bears paw Petroleum Ltd.

App 10317        10 Jun 2005  
Class III  
Bears paw Petroleum Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 10253 10 Jun 2005

App 10253A 6 Feb 2007

Class III Acid Gas

Bearspaw Petroleum Ltd.

**FIELD DESIGNATION**

1155 2011-02-01            MARSH FIELD

**POOL DESIGNATION**

1155 126001 2001-02-01    BELLY RIVER A

1155 176001 2011-11-01    CARDIUM A  
1155 176003 2010-04-01    CARDIUM C  
1155 176005 2011-11-01    CARDIUM E  
1155 176007 2011-09-01    CARDIUM G  
1155 176008 2011-02-01    CARDIUM H  
1155 176010 2012-01-01    CARDIUM J  
1155 176011 2011-10-01    CARDIUM K

1155 192002 2012-01-01    DUNVEGAN B  
1155 192003 2011-02-01    DUNVEGAN C  
1155 192004 2011-12-01    DUNVEGAN D  
1155 192005 2011-02-01    DUNVEGAN E  
1155 192006 2011-08-01    DUNVEGAN F  
1155 192007 2012-01-01    DUNVEGAN G

1155 264001 2012-01-01    SPIRIT RIVER A  
1155 264002 2011-12-01    SPIRIT RIVER B  
1155 264003 2011-02-01    SPIRIT RIVER C  
1155 264004 2011-08-01    SPIRIT RIVER D  
1155 264005 2011-10-01    SPIRIT RIVER E  
1155 264006 2011-12-01    SPIRIT RIVER F

1155 304001 2011-08-01    BLUESKY A

1155 326001 2010-12-01    GETHING A  
1155 326002 2008-02-01    GETHING B  
1155 326003 2012-01-01    GETHING C  
1155 326004 2011-02-01    GETHING D  
1155 326005 2011-08-01    GETHING E  
1155 326006 2011-02-01    GETHING F

**POOL DESIGNATION (cont'd)**

1155 326007 2011-10-01	GETHING G
1155 348003 2012-01-01	CADOMIN C
1155 348005 2012-01-01	CADOMIN E
1155 348006 2011-02-01	CADOMIN F
1155 348007 2011-12-01	CADOMIN G
1155 348008 2011-10-01	CADOMIN H
1155 348009 2011-12-01	CADOMIN I
1155 408001 2011-10-01	NIKANASSIN A
1155 408002 2011-06-01	NIKANASSIN B
1155 408003 2011-06-01	NIKANASSIN C
1155 658001 2001-07-01	WABAMUN A
1155 658002 2003-06-01	WABAMUN B
1155 720001 2002-06-01	LEDUC A
1155 732001 2003-07-01	COOKING LAKE A

**FIELD DESIGNATION**

0616 2010-02-01                      MARTEN FIELD

**POOL DESIGNATION**

0616 218001 2001-11-01            VIKING A  
0616 218002 2004-06-01            VIKING B  
0616 218003 2011-08-01            VIKING C  
0616 218004 2005-03-01            VIKING D  
0616 218005 2010-10-01            VIKING E  
0616 218006 2010-01-01            VIKING F  
0616 218007 2006-04-01            VIKING G  
0616 218008 2008-12-01            VIKING H  
0616 218009 2010-01-01            VIKING I  
0616 218010 2010-01-01            VIKING J

0616 250001 2011-11-01            UPPER MANNVILLE A  
0616 250002 2011-11-01            UPPER MANNVILLE B

0616 262001 2010-04-01            GRAND RAPIDS A  
0616 262002 2007-03-01            GRAND RAPIDS B  
0616 262003 2001-02-01            GRAND RAPIDS C  
0616 262014 2004-07-01            GRAND RAPIDS N  
0616 262016 2005-03-01            GRAND RAPIDS P  
0616 262017 2007-03-01            GRAND RAPIDS Q  
0616 262018 2005-06-01            GRAND RAPIDS R  
0616 262019 2010-04-01            GRAND RAPIDS S  
0616 262020 2011-12-01            GRAND RAPIDS T  
0616 262021 2006-03-01            GRAND RAPIDS U  
0616 262022 2006-04-01            GRAND RAPIDS V  
0616 262023 2012-02-01            GRAND RAPIDS W  
0616 262024 2007-01-01            GRAND RAPIDS X  
0616 262025 2007-03-01            GRAND RAPIDS Y  
0616 262026 2009-02-01            GRAND RAPIDS Z  
0616 262027 2011-01-01            GRAND RAPIDS AA  
0616 262028 2011-01-01            GRAND RAPIDS BB  
0616 262029 2011-01-01            GRAND RAPIDS CC

**POOL DESIGNATION (cont'd)**

0616 280001 2010-04-01 CLEARWATER A  
0616 280003 2006-12-01 CLEARWATER C  
0616 280004 2001-03-01 CLEARWATER D  
0616 280007 2010-04-01 CLEARWATER G  
0616 280013 2010-04-01 CLEARWATER M  
0616 280042 2005-04-01 CLEARWATER PP  
0616 280049 2007-02-01 CLEARWATER WW  
0616 280050 2009-12-01 CLEARWATER XX  
0616 280051 2005-11-01 CLEARWATER YY  
0616 280052 2006-03-01 CLEARWATER ZZ  
0616 280201 2010-04-01 CLEARWATER AAA  
0616 280204 2010-04-01 CLEARWATER DDD  
0616 280205 2011-12-01 CLEARWATER EEE  
0616 280206 2007-12-01 CLEARWATER FFF  
0616 280207 2010-01-01 CLEARWATER GGG  
0616 280208 2010-01-01 CLEARWATER HHH  
0616 280209 2010-01-01 CLEARWATER III  
0616 280210 2010-01-01 CLEARWATER JJJ  
0616 280211 2010-01-01 CLEARWATER KKK  
0616 280212 2010-01-01 CLEARWATER LLL

0616 306001 2010-04-01 WABISKAW A  
0616 306002 2010-04-01 WABISKAW B  
0616 306003 2001-02-01 WABISKAW C  
0616 306004 2010-04-01 WABISKAW D  
0616 306005 2001-02-01 WABISKAW E  
0616 306006 2001-02-01 WABISKAW F  
0616 306007 2005-09-01 WABISKAW G  
0616 306008 2010-04-01 WABISKAW H  
0616 306009 2010-04-01 WABISKAW I  
0616 306013 2004-08-01 WABISKAW M  
0616 306014 2005-05-01 WABISKAW N  
0616 306015 2006-04-01 WABISKAW O  
0616 306016 2007-01-01 WABISKAW P  
0616 306017 2010-04-01 WABISKAW Q  
0616 306018 2008-05-01 WABISKAW R  
0616 306019 2010-04-01 WABISKAW S

**POOL DESIGNATION (cont'd)**

0616 644001 2004-10-01 BANFF A

0616 644002 2005-03-01 BANFF B

0616 658001 2009-10-01 WABAMUN A

**COMMINGLED PRODUCTION**

MU 6797 6 Feb 2008

**SUBSURFACE DISPOSAL SCHEMES**

App 11110 16 Jan 2008

Class II

Husky Oil Operations Limited

App 11219 18 Jul 2008

Class II

Northpine Energy Ltd.

**FIELD DESIGNATION**

0597 2010-08-01                    MARTEN HILLS FIELD

**POOL DESIGNATION**

0597 186001 2001-02-01        SECOND WHITE SPECKS A  
0597 186002 2001-02-01        SECOND WHITE SPECKS B

0597 218002 2010-04-01        VIKING B  
0597 218003 2010-04-01        VIKING C  
0597 218004 2001-02-01        VIKING D  
0597 218005 2003-04-01        VIKING E  
0597 218006 2001-02-01        VIKING F  
0597 218007 2001-04-01        VIKING G  
0597 218008 2002-05-01        VIKING H  
0597 218009 2002-11-01        VIKING I  
0597 218010 2003-07-01        VIKING J  
0597 218011 2012-02-01        VIKING K

0597 262001 2010-04-01        GRAND RAPIDS A  
0597 262002 2010-04-01        GRAND RAPIDS B  
0597 262003 2001-03-01        GRAND RAPIDS C  
0597 262004 2001-02-01        GRAND RAPIDS D  
0597 262006 2001-02-01        GRAND RAPIDS F  
0597 262007 2001-02-01        GRAND RAPIDS G  
0597 262008 2008-02-01        GRAND RAPIDS H  
0597 262009 2002-12-01        GRAND RAPIDS I  
0597 262010 2001-02-01        GRAND RAPIDS J  
0597 262011 2010-04-01        GRAND RAPIDS K  
0597 262012 2010-01-01        GRAND RAPIDS L  
0597 262013 2010-04-01        GRAND RAPIDS M  
0597 262014 2001-02-01        GRAND RAPIDS N  
0597 262015 2010-04-01        GRAND RAPIDS O  
0597 262016 2001-02-01        GRAND RAPIDS P  
0597 262017 2001-02-01        GRAND RAPIDS Q  
0597 262018 2001-02-01        GRAND RAPIDS R  
0597 262019 2001-03-01        GRAND RAPIDS S

**POOL DESIGNATION (cont'd)**

0597 262020 2001-02-01	GRAND RAPIDS T
0597 262021 2001-03-01	GRAND RAPIDS U
0597 262022 2001-02-01	GRAND RAPIDS V
0597 262023 2001-02-01	GRAND RAPIDS W
0597 262024 2010-04-01	GRAND RAPIDS X
0597 262025 2001-02-01	GRAND RAPIDS Y
0597 262026 2008-10-01	GRAND RAPIDS Z
0597 262027 2001-02-01	GRAND RAPIDS AA
0597 262028 2005-12-01	GRAND RAPIDS BB
0597 262029 2010-04-01	GRAND RAPIDS CC
0597 262030 2003-06-01	GRAND RAPIDS DD
0597 262031 2001-02-01	GRAND RAPIDS EE
0597 262032 2008-10-01	GRAND RAPIDS FF
0597 262033 2001-02-01	GRAND RAPIDS GG
0597 262034 2001-02-01	GRAND RAPIDS HH
0597 262035 2010-04-01	GRAND RAPIDS II
0597 262036 2001-02-01	GRAND RAPIDS JJ
0597 262037 2001-02-01	GRAND RAPIDS KK
0597 262038 2001-02-01	GRAND RAPIDS LL
0597 262039 2001-02-01	GRAND RAPIDS MM
0597 262040 2010-04-01	GRAND RAPIDS NN
0597 262042 2010-04-01	GRAND RAPIDS PP
0597 262044 2001-08-01	GRAND RAPIDS RR
0597 262045 2001-02-01	GRAND RAPIDS SS
0597 262047 2001-02-01	GRAND RAPIDS UU
0597 262048 2012-02-01	GRAND RAPIDS VV
0597 262049 2001-02-01	GRAND RAPIDS WW
0597 262050 2009-11-01	GRAND RAPIDS XX
0597 262051 2010-08-01	GRAND RAPIDS YY
0597 262052 2001-02-01	GRAND RAPIDS ZZ
0597 262501 2001-02-01	GRAND RAPIDS AAA
0597 262502 2001-02-01	GRAND RAPIDS BBB
0597 262503 2001-02-01	GRAND RAPIDS CCC
0597 262504 2001-03-01	GRAND RAPIDS DDD
0597 262505 2001-02-01	GRAND RAPIDS EEE
0597 262506 2009-11-01	GRAND RAPIDS FFF
0597 262507 2009-11-01	GRAND RAPIDS GGG
0597 262509 2001-02-01	GRAND RAPIDS III

**POOL DESIGNATION (cont'd)**

0597 262510 2001-02-01	GRAND RAPIDS JJJ
0597 262511 2001-02-01	GRAND RAPIDS KKK
0597 262512 2001-02-01	GRAND RAPIDS LLL
0597 262513 2001-02-01	GRAND RAPIDS MMM
0597 262514 2008-02-01	GRAND RAPIDS NNN
0597 262515 2001-02-01	GRAND RAPIDS OOO
0597 262516 2001-02-01	GRAND RAPIDS PPP
0597 262517 2004-04-01	GRAND RAPIDS QQQ
0597 262518 2001-02-01	GRAND RAPIDS RRR
0597 262519 2010-04-01	GRAND RAPIDS SSS
0597 262520 2001-02-01	GRAND RAPIDS TTT
0597 262521 2010-04-01	GRAND RAPIDS UUU
0597 262522 2004-09-01	GRAND RAPIDS VVV
0597 262523 2004-09-01	GRAND RAPIDS WWW
0597 262525 2010-04-01	GRAND RAPIDS YYY
0597 262526 2001-02-01	GRAND RAPIDS ZZZ
0597 262527 2001-02-01	GRAND RAPIDS A2A
0597 262528 2008-06-01	GRAND RAPIDS B2B
0597 262529 2009-05-01	GRAND RAPIDS C2C
0597 262530 2001-08-01	GRAND RAPIDS D2D
0597 262531 2001-08-01	GRAND RAPIDS E2E
0597 262532 2001-03-01	GRAND RAPIDS F2F
0597 262533 2001-03-01	GRAND RAPIDS G2G
0597 262534 2001-03-01	GRAND RAPIDS H2H
0597 262535 2001-03-01	GRAND RAPIDS I2I
0597 262536 2001-03-01	GRAND RAPIDS J2J
0597 262537 2001-03-01	GRAND RAPIDS K2K
0597 262538 2001-03-01	GRAND RAPIDS L2L
0597 262539 2001-03-01	GRAND RAPIDS M2M
0597 262540 2010-04-01	GRAND RAPIDS N2N
0597 262541 2010-04-01	GRAND RAPIDS O2O
0597 262542 2002-07-01	GRAND RAPIDS P2P
0597 262543 2010-04-01	GRAND RAPIDS Q2Q
0597 262544 2001-03-01	GRAND RAPIDS R2R
0597 262545 2001-03-01	GRAND RAPIDS S2S
0597 262546 2001-03-01	GRAND RAPIDS T2T
0597 262547 2005-05-01	GRAND RAPIDS U2U
0597 262548 2001-03-01	GRAND RAPIDS V2V

**POOL DESIGNATION (cont'd)**

0597 262549 2001-04-01	GRAND RAPIDS W2W
0597 262550 2001-04-01	GRAND RAPIDS X2X
0597 262551 2001-05-01	GRAND RAPIDS Y2Y
0597 262552 2004-07-01	GRAND RAPIDS Z2Z
0597 263401 2004-08-01	GRAND RAPIDS A3A
0597 263402 2007-04-01	GRAND RAPIDS B3B
0597 263403 2007-04-01	GRAND RAPIDS C3C
0597 263404 2004-06-01	GRAND RAPIDS D3D
0597 263405 2002-03-01	GRAND RAPIDS E3E
0597 263406 2010-04-01	GRAND RAPIDS F3F
0597 263407 2001-07-01	GRAND RAPIDS G3G
0597 263408 2001-07-01	GRAND RAPIDS H3H
0597 263409 2001-05-01	GRAND RAPIDS I3I
0597 263410 2001-05-01	GRAND RAPIDS J3J
0597 263411 2004-02-01	GRAND RAPIDS K3K
0597 263412 2004-02-01	GRAND RAPIDS L3L
0597 263413 2004-02-01	GRAND RAPIDS M3M
0597 263414 2002-03-01	GRAND RAPIDS N3N
0597 263415 2001-05-01	GRAND RAPIDS O3O
0597 263416 2001-05-01	GRAND RAPIDS P3P
0597 263417 2001-08-01	GRAND RAPIDS Q3Q
0597 263418 2001-09-01	GRAND RAPIDS R3R
0597 263419 2001-09-01	GRAND RAPIDS S3S
0597 263420 2001-11-01	GRAND RAPIDS T3T
0597 263421 2002-02-01	GRAND RAPIDS U3U
0597 263422 2002-02-01	GRAND RAPIDS V3V
0597 263423 2002-04-01	GRAND RAPIDS W3W
0597 263424 2002-06-01	GRAND RAPIDS X3X
0597 263425 2002-06-01	GRAND RAPIDS Y3Y
0597 263426 2002-06-01	GRAND RAPIDS Z3Z
0597 263427 2002-06-01	GRAND RAPIDS A4A
0597 263428 2002-08-01	GRAND RAPIDS B4B
0597 263429 2003-02-01	GRAND RAPIDS C4C
0597 263430 2002-09-01	GRAND RAPIDS D4D
0597 263431 2002-10-01	GRAND RAPIDS E4E
0597 263432 2002-10-01	GRAND RAPIDS F4F
0597 263433 2009-11-01	GRAND RAPIDS G4G
0597 263434 2010-04-01	GRAND RAPIDS H4H

**POOL DESIGNATION (cont'd)**

0597 263435 2009-01-01	GRAND RAPIDS I4I
0597 263436 2003-11-01	GRAND RAPIDS J4J
0597 263437 2003-12-01	GRAND RAPIDS K4K
0597 263438 2010-04-01	GRAND RAPIDS L4L
0597 263439 2010-04-01	GRAND RAPIDS M4M
0597 263440 2004-07-01	GRAND RAPIDS N4N
0597 263441 2004-09-01	GRAND RAPIDS O4O
0597 263442 2004-09-01	GRAND RAPIDS P4P
0597 263443 2005-03-01	GRAND RAPIDS Q4Q
0597 263444 2010-04-01	GRAND RAPIDS R4R
0597 263445 2006-10-01	GRAND RAPIDS S4S
0597 263446 2010-04-01	GRAND RAPIDS T4T
0597 263447 2005-04-01	GRAND RAPIDS U4U
0597 263448 2005-04-01	GRAND RAPIDS V4V
0597 263449 2005-04-01	GRAND RAPIDS W4W
0597 263450 2005-04-01	GRAND RAPIDS X4X
0597 263451 2005-04-01	GRAND RAPIDS Y4Y
0597 263452 2009-10-01	GRAND RAPIDS Z4Z
0597 263801 2009-11-01	GRAND RAPIDS A5A
0597 263802 2010-04-01	GRAND RAPIDS B5B
0597 263804 2005-08-01	GRAND RAPIDS D5D
0597 263805 2005-09-01	GRAND RAPIDS E5E
0597 263806 2010-08-01	GRAND RAPIDS F5F
0597 263807 2005-09-01	GRAND RAPIDS G5G
0597 263808 2005-09-01	GRAND RAPIDS H5H
0597 263809 2005-09-01	GRAND RAPIDS I5I
0597 263810 2005-09-01	GRAND RAPIDS J5J
0597 263811 2005-09-01	GRAND RAPIDS K5K
0597 263812 2005-09-01	GRAND RAPIDS L5L
0597 263813 2005-09-01	GRAND RAPIDS M5M
0597 263814 2010-04-01	GRAND RAPIDS N5N
0597 263815 2010-08-01	GRAND RAPIDS O5O
0597 263816 2005-09-01	GRAND RAPIDS P5P
0597 263817 2010-08-01	GRAND RAPIDS Q5Q
0597 263818 2010-08-01	GRAND RAPIDS R5R
0597 263819 2005-10-01	GRAND RAPIDS S5S
0597 263820 2005-10-01	GRAND RAPIDS T5T
0597 263822 2006-01-01	GRAND RAPIDS V5V

**POOL DESIGNATION (cont'd)**

0597 263823 2006-01-01	GRAND RAPIDS W5W
0597 263824 2006-01-01	GRAND RAPIDS X5X
0597 263825 2006-01-01	GRAND RAPIDS Y5Y
0597 263826 2006-05-01	GRAND RAPIDS Z5Z
0597 263827 2009-08-01	GRAND RAPIDS A6A
0597 263829 2006-11-01	GRAND RAPIDS C6C
0597 263830 2007-04-01	GRAND RAPIDS D6D
0597 263831 2007-06-01	GRAND RAPIDS E6E
0597 263832 2007-06-01	GRAND RAPIDS F6F
0597 263833 2007-07-01	GRAND RAPIDS G6G
0597 263834 2008-03-01	GRAND RAPIDS H6H
0597 263835 2008-06-01	GRAND RAPIDS I6I
0597 263836 2009-01-01	GRAND RAPIDS J6J
0597 263837 2009-03-01	GRAND RAPIDS K6K
0597 263838 2009-03-01	GRAND RAPIDS L6L
0597 263839 2010-04-01	GRAND RAPIDS M6M
0597 263840 2009-09-01	GRAND RAPIDS N6N
0597 263841 2010-03-01	GRAND RAPIDS O6O
0597 263842 2010-03-01	GRAND RAPIDS P6P
0597 263843 2009-10-01	GRAND RAPIDS Q6Q
0597 263844 2010-04-01	GRAND RAPIDS R6R
0597 263845 2009-11-01	GRAND RAPIDS S6S
0597 263846 2010-04-01	GRAND RAPIDS T6T
0597 263847 2009-11-01	GRAND RAPIDS U6U
0597 263848 2009-11-01	GRAND RAPIDS V6V
0597 263849 2009-11-01	GRAND RAPIDS W6W
0597 263850 2009-11-01	GRAND RAPIDS X6X
0597 263851 2010-01-01	GRAND RAPIDS Y6Y
0597 263852 2010-07-01	GRAND RAPIDS Z6Z
0597 265101 2010-12-01	GRAND RAPIDS A7A
0597 265102 2011-04-01	GRAND RAPIDS B7B
0597 280001 2010-04-01	CLEARWATER A
0597 280002 2005-04-01	CLEARWATER B
0597 280004 2010-04-01	CLEARWATER D
0597 280005 2010-04-01	CLEARWATER E
0597 280006 2001-02-01	CLEARWATER F
0597 280008 2010-04-01	CLEARWATER H

**POOL DESIGNATION (cont'd)**

0597 280009 2010-04-01	CLEARWATER I
0597 280010 2010-04-01	CLEARWATER J
0597 280011 2010-04-01	CLEARWATER K
0597 280013 2012-02-01	CLEARWATER M
0597 280015 2005-04-01	CLEARWATER O
0597 280026 2010-04-01	CLEARWATER Z
0597 280029 2001-02-01	CLEARWATER CC
0597 280032 2001-03-01	CLEARWATER FF
0597 280041 2010-04-01	CLEARWATER OO
0597 280046 2008-12-01	CLEARWATER TT
0597 280051 2005-10-01	CLEARWATER YY
0597 280214 2010-04-01	CLEARWATER NNN
0597 280216 2006-02-01	CLEARWATER PPP
0597 280224 2005-04-01	CLEARWATER XXX
0597 280225 2006-03-01	CLEARWATER YYY
0597 280226 2010-04-01	CLEARWATER ZZZ
0597 280227 2007-08-01	CLEARWATER A2A
0597 280228 2008-02-01	CLEARWATER B2B
0597 280229 2008-03-01	CLEARWATER C2C
0597 280230 2009-01-01	CLEARWATER D2D
0597 280232 2009-03-01	CLEARWATER F2F
0597 280233 2010-07-01	CLEARWATER G2G
0597 280234 2010-08-01	CLEARWATER H2H
0597 280235 2010-09-01	CLEARWATER I2I
0597 280236 2011-09-01	CLEARWATER J2J
0597 280237 2012-02-01	CLEARWATER K2K
0597 280238 2012-02-01	CLEARWATER L2L
0597 280239 2012-02-01	CLEARWATER M2M
0597 280240 2012-02-01	CLEARWATER N2N
0597 306001 2010-04-01	WABISKAW A
0597 306002 2010-04-01	WABISKAW B
0597 306003 2010-04-01	WABISKAW C
0597 306005 2001-02-01	WABISKAW E
0597 306007 2001-02-01	WABISKAW G
0597 306009 2001-02-01	WABISKAW I
0597 306010 2001-02-01	WABISKAW J
0597 306011 2001-02-01	WABISKAW K

**POOL DESIGNATION (cont'd)**

0597 306013 2010-04-01	WABISKAW M
0597 306014 2010-04-01	WABISKAW N
0597 306015 2002-02-01	WABISKAW O
0597 306016 2001-02-01	WABISKAW P
0597 306017 2001-02-01	WABISKAW Q
0597 306019 2001-02-01	WABISKAW S
0597 306020 2001-02-01	WABISKAW T
0597 306021 2001-02-01	WABISKAW U
0597 306022 2007-08-01	WABISKAW V
0597 306024 2009-12-01	WABISKAW X
0597 306025 2010-04-01	WABISKAW Y
0597 306026 2006-07-01	WABISKAW Z
0597 306027 2001-02-01	WABISKAW AA
0597 306028 2001-03-01	WABISKAW BB
0597 306029 2001-03-01	WABISKAW CC
0597 306030 2001-03-01	WABISKAW DD
0597 306031 2001-03-01	WABISKAW EE
0597 306032 2001-06-01	WABISKAW FF
0597 306033 2010-04-01	WABISKAW GG
0597 306034 2005-04-01	WABISKAW HH
0597 306035 2010-04-01	WABISKAW II
0597 306036 2010-04-01	WABISKAW JJ
0597 306037 2005-04-01	WABISKAW KK
0597 306038 2005-04-01	WABISKAW LL
0597 306039 2005-07-01	WABISKAW MM
0597 306040 2005-09-01	WABISKAW NN
0597 306041 2005-09-01	WABISKAW OO
0597 306042 2005-09-01	WABISKAW PP
0597 306043 2006-02-01	WABISKAW QQ
0597 306044 2008-06-01	WABISKAW RR
0597 306045 2009-01-01	WABISKAW SS
0597 306046 2010-01-01	WABISKAW TT
0597 328001 2001-02-01	MCMURRAY A
0597 328002 2010-04-01	MCMURRAY B
0597 328003 2001-02-01	MCMURRAY C
0597 328004 2001-02-01	MCMURRAY D
0597 328005 2012-02-01	MCMURRAY E

**POOL DESIGNATION (cont'd)**

0597 328006 2001-02-01 MCMURRAY F  
0597 328007 2001-02-01 MCMURRAY G  
0597 328008 2001-02-01 MCMURRAY H  
0597 328009 2010-04-01 MCMURRAY I  
0597 328011 2001-03-01 MCMURRAY K  
0597 328012 2001-03-01 MCMURRAY L  
0597 328013 2002-05-01 MCMURRAY M  
0597 328014 2002-10-01 MCMURRAY N  
0597 328015 2006-06-01 MCMURRAY O  
0597 328016 2005-04-01 MCMURRAY P  
0597 328017 2005-04-01 MCMURRAY Q  
0597 328018 2011-09-01 MCMURRAY R  
0597 328019 2005-09-01 MCMURRAY S  
0597 328020 2005-09-01 MCMURRAY T  
0597 328021 2005-09-01 MCMURRAY U  
0597 328022 2010-01-01 MCMURRAY V

0597 658001 2011-05-01 WABAMUN A  
0597 658002 2010-04-01 WABAMUN B  
0597 658003 2001-02-01 WABAMUN C  
0597 658004 2001-02-01 WABAMUN D  
0597 658005 2001-02-01 WABAMUN E  
0597 658006 2005-09-01 WABAMUN F  
0597 658007 2005-09-01 WABAMUN G  
0597 658009 2011-10-01 WABAMUN I

**SPACING PATTERN**

SU 2648 7 Mar 1996  
SU 2648A 11 Apr 1996  
  
SU 2699 13 Mar 1996  
SU 2699A 11 Jul 2000  
SU 2699B 12 Feb 2001

**SPACING PATTERN (cont'd)**

SU 2924 16 Mar 1999  
SU 2924A 21 Apr 1999  
SU 2924B 17 May 2000  
SU 2924C 27 Jan 2005

**COMMINGLED PRODUCTION**

MU 8116 14 Oct 2011

**ENHANCED RECOVERY SCHEMES**

App 3997      8 Dec 1983  
Other  
Amoco Canada Petroleum Company Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 7733      16 Nov 1995  
Class II  
Ulster Petroleums Ltd.

App 8039A    29 Mar 2011  
Class II  
Perpetual Energy Inc.

App 8460      26 Feb 1999  
Class II  
Bounty Developments Ltd.

App 8871B    23 Nov 2011  
Class II  
AltaGas Ltd.

App 9484      23 Jun 2003  
Class II  
BP Canada Energy Company

App 10229    23 Feb 2005  
Class II  
Husky Oil Operations Limited

App 10963    16 Jul 2007  
Class II  
Canadian Natural Resources Limited

App 10971    17 Jul 2007  
Class II  
Husky Oil Operations Limited

**SUBSURFACE DISPOSAL SCHEMES  
(cont'd)**

App 10972    17 Jul 2007  
Class II  
Husky Oil Operations Ltd.

**FIELD DESIGNATION**

0624 2006-05-01                      MARWAYNE FIELD

**POOL DESIGNATION**

0624 218001 2003-06-01            VIKING A  
0624 218002 2001-02-01            VIKING B  
0624 218003 2004-04-01            VIKING C  
0624 218004 2004-09-01            VIKING D  
0624 218005 2004-09-01            VIKING E  
0624 218006 2011-07-01            VIKING F  
0624 218007 2011-07-01            VIKING G

0624 256001 2001-02-01            COLONY A  
0624 256002 2009-03-01            COLONY B  
0624 256003 2001-02-01            COLONY C  
0624 256004 2001-02-01            COLONY D  
0624 256005 2001-02-01            COLONY E  
0624 256006 2001-02-01            COLONY F  
0624 256007 2001-12-01            COLONY G  
0624 256008 2001-02-01            COLONY H  
0624 256009 2001-02-01            COLONY I  
0624 256010 2007-01-01            COLONY J  
0624 256011 2001-02-01            COLONY K  
0624 256012 2001-02-01            COLONY L  
0624 256013 2001-02-01            COLONY M  
0624 256016 2001-09-01            COLONY P  
0624 256017 2001-10-01            COLONY Q  
0624 256018 2001-10-01            COLONY R  
0624 256019 2001-12-01            COLONY S  
0624 256020 2007-09-01            COLONY T  
0624 256021 2003-04-01            COLONY U  
0624 256022 2002-05-01            COLONY V  
0624 256023 2002-06-01            COLONY W  
0624 256024 2002-06-01            COLONY X  
0624 256025 2002-08-01            COLONY Y  
0624 256026 2003-10-01            COLONY Z

**POOL DESIGNATION (cont'd)**

0624 256027	2004-02-01	COLONY AA
0624 256028	2004-08-01	COLONY BB
0624 256029	2005-03-01	COLONY CC
0624 256030	2006-02-01	COLONY DD
0624 256031	2007-06-01	COLONY EE
0624 256032	2007-06-01	COLONY FF
0624 256033	2007-08-01	COLONY GG
0624 256034	2010-04-01	COLONY HH
0624 256035	2011-07-01	COLONY II
0624 262001	2001-02-01	GRAND RAPIDS A
0624 262002	2001-02-01	GRAND RAPIDS B
0624 262003	2001-02-01	GRAND RAPIDS C
0624 262004	2010-04-01	GRAND RAPIDS D
0624 262005	2001-02-01	GRAND RAPIDS E
0624 262006	2005-03-01	GRAND RAPIDS F
0624 262007	2007-10-01	GRAND RAPIDS G
0624 268001	2001-02-01	MCLAREN A
0624 268002	2003-08-01	MCLAREN B
0624 268003	2010-04-01	MCLAREN C
0624 268004	2004-07-01	MCLAREN D
0624 268005	2007-06-01	MCLAREN E
0624 270001	2001-02-01	WASECA A
0624 270002	2010-04-01	WASECA B
0624 270003	2001-02-01	WASECA C
0624 270005	2010-04-01	WASECA E
0624 270006	2005-05-01	WASECA F
0624 270007	2006-10-01	WASECA G
0624 270008	2007-07-01	WASECA H
0624 276004	2010-08-01	SPARKY D
0624 276005	2001-02-01	SPARKY E
0624 276010	2001-02-01	SPARKY J
0624 276011	2001-02-01	SPARKY K
0624 276013	2001-05-01	SPARKY M
0624 276015	2007-08-01	SPARKY O

**POOL DESIGNATION (cont'd)**

0624 276016 2008-07-01	SPARKY P
0624 276017 2009-09-01	SPARKY Q
0624 288001 2010-08-01	REX A
0624 288002 2001-03-01	REX B
0624 288003 2003-06-01	REX C
0624 288004 2006-10-01	REX D
0624 288005 2004-08-01	REX E
0624 288006 2007-02-01	REX F
0624 294001 2001-02-01	LLOYDMINSTER A
0624 294002 2003-07-01	LLOYDMINSTER B
0624 302001 2010-06-01	CUMMINGS A

**SPACING PATTERN**

SU 4078	9 May 2003
SU 4078A	15 Oct 2003
SU 4078B	13 May 2004
SU 4078C	8 Apr 2005
SU 4078D	2 Mar 2006

**SUBSURFACE DISPOSAL SCHEMES  
(cont'd)**

App 10886	4 Jun 2007
Class II	
Devon Canada Corporation	

**COMMINGLED PRODUCTION**

MU 6901	15 Jul 2008
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**SUBSURFACE DISPOSAL SCHEMES**

App 9812	22 Mar 2004
Class II	
Husky Oil Operations Limited	

App 10265A	17 Mar 2009
Class II	
Canadian Natural Resources Limited	

**FIELD DESIGNATION**

0598 2010-07-01 MATZIWIN FIELD

**POOL DESIGNATION**

0598 160001 2005-12-01 COLORADO A

0598 162001 2010-09-01 FIRST WHITE SPECKS A

0598 162003 2003-02-01 FIRST WHITE SPECKS C

0598 162004 2003-02-01 FIRST WHITE SPECKS D

0598 162006 2006-03-01 FIRST WHITE SPECKS F

0598 186002 2003-01-01 SECOND WHITE SPECKS B

0598 202001 2003-04-01 FISH SCALE A

0598 202002 2004-11-01 FISH SCALE B

0598 218002 2010-04-01 VIKING B

0598 218004 2010-04-01 VIKING D

0598 218005 2001-02-01 VIKING E

0598 242001 2001-02-01 BASAL COLORADO A

0598 242002 2001-02-01 BASAL COLORADO B

0598 242003 2001-03-01 BASAL COLORADO C

0598 242004 2001-06-01 BASAL COLORADO D

0598 242005 2001-09-01 BASAL COLORADO E

0598 250001 2001-04-01 UPPER MANNVILLE A

0598 250002 2001-02-01 UPPER MANNVILLE B

0598 250003 2011-09-01 UPPER MANNVILLE C

0598 250004 2001-02-01 UPPER MANNVILLE D

0598 250005 2001-02-01 UPPER MANNVILLE E

0598 250006 2001-12-01 UPPER MANNVILLE F

0598 250007 2003-11-01 UPPER MANNVILLE G

0598 250008 2002-08-01 UPPER MANNVILLE H

0598 250009 2003-11-01 UPPER MANNVILLE I

0598 250010 2003-04-01 UPPER MANNVILLE J

**POOL DESIGNATION (cont'd)**

0598 250011 2006-06-01 UPPER MANNVILLE K  
0598 250012 2006-12-01 UPPER MANNVILLE L  
0598 250013 2007-06-01 UPPER MANNVILLE M  
0598 250014 2007-06-01 UPPER MANNVILLE N  
0598 250015 2007-06-01 UPPER MANNVILLE O  
0598 250016 2008-03-01 UPPER MANNVILLE P  
0598 250017 2008-10-01 UPPER MANNVILLE Q  
0598 250018 2009-05-01 UPPER MANNVILLE R  
0598 250019 2009-08-01 UPPER MANNVILLE S  
0598 250020 2009-12-01 UPPER MANNVILLE T  
0598 250021 2010-01-01 UPPER MANNVILLE U  
0598 250022 2010-01-01 UPPER MANNVILLE V  
0598 250023 2010-01-01 UPPER MANNVILLE W  
0598 250024 2010-05-01 UPPER MANNVILLE X  
0598 250025 2010-06-01 UPPER MANNVILLE Y  
0598 250026 2011-10-01 UPPER MANNVILLE Z

0598 300001 2001-02-01 GLAUCONITIC A  
0598 300002 2004-05-01 GLAUCONITIC B  
0598 300003 2001-02-01 GLAUCONITIC C  
0598 300004 2001-02-01 GLAUCONITIC D  
0598 300005 2001-02-01 GLAUCONITIC E  
0598 300006 2001-02-01 GLAUCONITIC F  
0598 300007 2001-02-01 GLAUCONITIC G  
0598 300008 2004-05-01 GLAUCONITIC H  
0598 300009 2001-02-01 GLAUCONITIC I  
0598 300010 2001-02-01 GLAUCONITIC J  
0598 300011 2001-02-01 GLAUCONITIC K  
0598 300013 2001-11-01 GLAUCONITIC M  
0598 300015 2001-02-01 GLAUCONITIC O  
0598 300016 2001-02-01 GLAUCONITIC P  
0598 300017 2001-03-01 GLAUCONITIC Q  
0598 300018 2001-06-01 GLAUCONITIC R  
0598 300019 2001-09-01 GLAUCONITIC S  
0598 300021 2002-06-01 GLAUCONITIC U  
0598 300022 2001-12-01 GLAUCONITIC V  
0598 300023 2001-12-01 GLAUCONITIC W  
0598 300024 2002-04-01 GLAUCONITIC X

**POOL DESIGNATION (cont'd)**

0598 300025 2010-04-01	GLAUCONITIC Y
0598 300026 2003-07-01	GLAUCONITIC Z
0598 300027 2005-10-01	GLAUCONITIC AA
0598 300028 2004-02-01	GLAUCONITIC BB
0598 300029 2004-04-01	GLAUCONITIC CC
0598 300030 2004-05-01	GLAUCONITIC DD
0598 300031 2006-04-01	GLAUCONITIC EE
0598 300032 2007-04-01	GLAUCONITIC FF
0598 300033 2004-12-01	GLAUCONITIC GG
0598 300034 2005-10-01	GLAUCONITIC HH
0598 300035 2006-01-01	GLAUCONITIC II
0598 300036 2006-12-01	GLAUCONITIC JJ
0598 300037 2010-02-01	GLAUCONITIC KK
0598 300038 2006-10-01	GLAUCONITIC LL
0598 300039 2007-01-01	GLAUCONITIC MM
0598 300040 2007-06-01	GLAUCONITIC NN
0598 300041 2007-06-01	GLAUCONITIC OO
0598 300042 2008-10-01	GLAUCONITIC PP
0598 300043 2009-02-01	GLAUCONITIC QQ
0598 300044 2009-02-01	GLAUCONITIC RR
0598 300045 2011-10-01	GLAUCONITIC SS
0598 300046 2011-10-01	GLAUCONITIC TT
0598 310001 2001-02-01	LOWER MANNVILLE A
0598 310002 2001-02-01	LOWER MANNVILLE B
0598 310003 2001-02-01	LOWER MANNVILLE C
0598 310005 2005-07-01	LOWER MANNVILLE E
0598 310006 2001-03-01	LOWER MANNVILLE F
0598 310007 2001-02-01	LOWER MANNVILLE G
0598 310008 2001-02-01	LOWER MANNVILLE H
0598 310009 2001-02-01	LOWER MANNVILLE I
0598 310010 2001-02-01	LOWER MANNVILLE J
0598 310011 2001-02-01	LOWER MANNVILLE K
0598 310012 2001-02-01	LOWER MANNVILLE L
0598 310013 2001-03-01	LOWER MANNVILLE M
0598 310014 2001-04-01	LOWER MANNVILLE N
0598 310015 2008-04-01	LOWER MANNVILLE O
0598 310016 2009-02-01	LOWER MANNVILLE P

**POOL DESIGNATION (cont'd)**

0598 310017 2010-07-01	LOWER MANNVILLE Q
0598 310018 2012-01-01	LOWER MANNVILLE R
0598 642001 2010-04-01	PEKISKO A
0598 642002 2001-02-01	PEKISKO B
0598 642004 2012-01-01	PEKISKO D
0598 642006 2010-01-01	PEKISKO F
0598 642007 2010-01-01	PEKISKO G
0598 644001 2001-02-01	BANFF A
0598 850100 2010-07-01	MFP8501 MILK RIVER
0598 850200 2010-08-01	MFP8502 MED HAT
0598 850500 2010-04-01	MFP8505 2WS
0598 850600 2011-01-01	MFP8506 BELLY RIVER
0598 854300 2011-04-01	MFP8543 BSL BELLY RIV

**SPACING PATTERN**

SU 4201	21 Jul 2004
SU 4201A	7 Oct 2004
SU 4201B	28 Oct 2004
SU 4201C	26 Jan 2005
SU 4201D	23 Aug 2005
SU 4201E	1 Dec 2005
SU 4201F	6 Jun 2006

**SUBSURFACE DISPOSAL SCHEMES**

App 11154	17 Mar 2008
Class II	
Sword Energy Inc.	

**COMMINGLED PRODUCTION**

MU 7579	27 Oct 2010
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**February 2012**

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**FIELD DESIGNATION**

1156 2005-05-01            MAX FIELD

**POOL DESIGNATION**

1156 262001 2010-09-01    GRAND RAPIDS A

1156 328001 2001-03-01    MCMURRAY A

1156 328002 2004-09-01    MCMURRAY B

1156 328003 2004-10-01    MCMURRAY C

1156 696001 2001-02-01    NISKU A

1156 696002 2005-05-01    NISKU B

**FIELD DESIGNATION**

1315 2001-05-01            MCADAM FIELD

**POOL DESIGNATION**

1315 262001 2010-04-01    GRAND RAPIDS A

1315 328001 2011-08-01    MCMURRAY A  
1315 328002 2011-08-01    MCMURRAY B  
1315 328003 2004-07-01    MCMURRAY C  
1315 328005 2010-04-01    MCMURRAY E  
1315 328006 2010-04-01    MCMURRAY F  
1315 328007 2001-03-01    MCMURRAY G  
1315 328008 2002-08-01    MCMURRAY H

1315 716001 2001-06-01    GROSMONT A

**COMMINGLED PRODUCTION**

MU 8269      14 Dec 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 10274    25 Apr 2005  
Class II  
Husky Oil Operations Limited

**FIELD DESIGNATION**

1163 2005-08-01                      MCGOWAN FIELD

**POOL DESIGNATION**

1163 192001 2009-07-01            DUNVEGAN A

1163 326001 2003-05-01            GETHING A

1163 524001 2005-08-01            MONTNEY A

**FIELD DESIGNATION**

0626 2010-04-01 MCGREGOR FIELD

**POOL DESIGNATION**

0626 126007 2007-06-01 BELLY RIVER G

0626 162001 2005-12-01 FIRST WHITE SPECKS A  
0626 162002 2010-11-01 FIRST WHITE SPECKS B

0626 213001 2007-03-01 BOW ISLAND A  
0626 213002 2001-02-01 BOW ISLAND B  
0626 213003 2004-03-01 BOW ISLAND C  
0626 213004 2001-06-01 BOW ISLAND D  
0626 213005 2003-09-01 BOW ISLAND E  
0626 213006 2003-07-01 BOW ISLAND F  
0626 213007 2005-09-01 BOW ISLAND G  
0626 213008 2006-06-01 BOW ISLAND H

0626 300001 2002-06-01 GLAUCONITIC A  
0626 300002 2001-02-01 GLAUCONITIC B  
0626 300003 2004-08-01 GLAUCONITIC C  
0626 300004 2001-02-01 GLAUCONITIC D  
0626 300005 2004-01-01 GLAUCONITIC E  
0626 300006 2010-07-01 GLAUCONITIC F

0626 332001 2008-10-01 SUNBURST A

0626 850100 2011-02-01 MFP8501 MILK RIVER

0626 850200 2010-08-01 MFP8502 MED HAT

0626 854300 2011-04-01 MFP8543 BSL BELLY RIV

**SPACING PATTERN**

SU 4159      11 Mar 2004  
SU 4159A     2 Jun 2004  
SU 4159B     8 Jul 2004  
SU 4159C     17 Sep 2004  
SU 4159D     7 Apr 2005  
SU 4159E     18 Aug 2005

**COMMINGLED PRODUCTION**

MU 7552      5 Oct 2010

**SUBSURFACE DISPOSAL SCHEMES**

App 9040      5 Mar 2002  
Class II  
Atlas Energy Ltd.

**FIELD DESIGNATION**

1159 2001-02-01                    MCGUFFIN FIELD

**POOL DESIGNATION**

1159 262001 2001-02-01        GRAND RAPIDS A  
1159 262002 2001-02-01        GRAND RAPIDS B  
1159 262003 2001-09-01        GRAND RAPIDS C  
1159 262004 2001-09-01        GRAND RAPIDS D  
1159 262005 2001-09-01        GRAND RAPIDS E  
1159 262006 2001-09-01        GRAND RAPIDS F  
1159 262007 2001-12-01        GRAND RAPIDS G  
1159 262008 2002-02-01        GRAND RAPIDS H  
1159 262009 2002-02-01        GRAND RAPIDS I  
1159 262010 2002-02-01        GRAND RAPIDS J  
1159 262011 2002-02-01        GRAND RAPIDS K  
1159 262012 2002-02-01        GRAND RAPIDS L  
1159 262013 2002-06-01        GRAND RAPIDS M  
1159 262014 2002-10-01        GRAND RAPIDS N  
1159 262015 2003-05-01        GRAND RAPIDS O  
1159 262016 2007-07-01        GRAND RAPIDS P  
1159 262017 2010-01-01        GRAND RAPIDS Q

1159 328001 2002-03-01        MCMURRAY A

**SPACING PATTERN**

SU 2920            10 Feb 1999

**COMMINGLED PRODUCTION**

MU 2349            1 Aug 2001

**FIELD DESIGNATION**

0627 2001-02-01 MCKINLEY FIELD

**POOL DESIGNATION**

0627 176001 2011-11-01 CARDIUM A

0627 192001 2001-03-01 DUNVEGAN A

0627 218001 2001-02-01 VIKING A

0627 232001 2001-02-01 CADOTTE A

0627 232002 2001-02-01 CADOTTE B

0627 232003 2001-02-01 CADOTTE C

0627 232004 2010-04-01 CADOTTE D

0627 232006 2001-07-01 CADOTTE F

0627 264001 2001-03-01 SPIRIT RIVER A

0627 326001 2001-02-01 GETHING A

0627 326002 2001-02-01 GETHING B

0627 326003 2001-02-01 GETHING C

0627 500001 2001-03-01 TRIASSIC A

**ENHANCED RECOVERY SCHEMES**

App 8836E 12 Jan 2011  
Waterflood  
Cadotte D  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

0637 2003-09-01                    MCLAUGHLIN FIELD

**POOL DESIGNATION**

0637 250001 2001-02-01        UPPER MANNVILLE A  
0637 250002 2001-02-01        UPPER MANNVILLE B  
0637 250003 2010-04-01        UPPER MANNVILLE C  
0637 250004 2001-02-01        UPPER MANNVILLE D  
0637 250005 2003-11-01        UPPER MANNVILLE E  
0637 250006 2006-03-01        UPPER MANNVILLE F  
0637 250007 2005-06-01        UPPER MANNVILLE G  
0637 250008 2007-02-01        UPPER MANNVILLE H

**FIELD DESIGNATION**

0077 2007-12-01                   MCLEANS CREEK FIELD

**POOL DESIGNATION**

0077 710001 2011-11-01       IRETON A

0077 765501 2010-04-01       GILWOOD A  
0077 765503 2008-06-01       GILWOOD C  
0077 765504 2008-06-01       GILWOOD D  
0077 765506 2010-04-01       GILWOOD F  
0077 765507 2008-06-01       GILWOOD G  
0077 765509 2008-06-01       GILWOOD I  
0077 765510 2008-06-01       GILWOOD J  
0077 765511 2008-06-01       GILWOOD K  
0077 765512 2008-06-01       GILWOOD L  
0077 765513 2008-06-01       GILWOOD M  
0077 765514 2008-06-01       GILWOOD N  
0077 765515 2008-06-01       GILWOOD O  
0077 765516 2008-09-01       GILWOOD P  
0077 765517 2010-09-01       GILWOOD Q  
0077 765518 2011-12-01       GILWOOD R

0077 797501 2010-04-01       GRANITE WASH A  
0077 797502 2008-06-01       GRANITE WASH B  
0077 797503 2008-06-01       GRANITE WASH C  
0077 797504 2008-06-01       GRANITE WASH D  
0077 797505 2010-04-01       GRANITE WASH E  
0077 797506 2008-06-01       GRANITE WASH F  
0077 797507 2008-08-01       GRANITE WASH G  
0077 797508 2008-12-01       GRANITE WASH H  
0077 797509 2009-01-01       GRANITE WASH I  
0077 797510 2009-02-01       GRANITE WASH J  
0077 797511 2009-02-01       GRANITE WASH K  
0077 797512 2009-03-01       GRANITE WASH L  
0077 797513 2009-04-01       GRANITE WASH M

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**POOL DESIGNATION (cont'd)**

0077 797514 2009-08-01 GRANITE WASH N  
0077 797515 2009-10-01 GRANITE WASH O

**SPACING PATTERN**

SU 2442 20 Dec 1995

**SUBSURFACE DISPOSAL SCHEMES**

App 9432 2 May 2003  
Class II  
Tarraquest Energy Corporation

App 11128A 14 Oct 2011  
Class II  
Penn West Petroleum Ltd.

**FIELD DESIGNATION**

0603 2012-01-01           MCLEOD FIELD

**POOL DESIGNATION**

0603 106001 2003-07-01   EDMONTON A

0603 126001 2006-07-01   BELLY RIVER A

0603 176002 2001-02-01   CARDIUM B  
0603 176003 2001-02-01   CARDIUM C  
0603 176004 2010-04-01   CARDIUM D  
0603 176005 2010-04-01   CARDIUM E  
0603 176007 2005-11-01   CARDIUM G  
0603 176008 2010-04-01   CARDIUM H  
0603 176009 2001-02-01   CARDIUM I  
0603 176010 2002-03-01   CARDIUM J  
0603 176011 2008-10-01   CARDIUM K  
0603 176012 2010-02-01   CARDIUM L  
0603 176013 2008-10-01   CARDIUM M  
0603 176014 2008-11-01   CARDIUM N  
0603 176015 2008-11-01   CARDIUM O  
0603 176016 2009-07-01   CARDIUM P

0603 218003 2006-05-01   VIKING C

0603 250001 2001-02-01   UPPER MANNVILLE A  
0603 250003 2003-06-01   UPPER MANNVILLE C  
0603 250004 2003-08-01   UPPER MANNVILLE D  
0603 250005 2004-11-01   UPPER MANNVILLE E  
0603 250006 2006-11-01   UPPER MANNVILLE F  
0603 250008 2010-12-01   UPPER MANNVILLE H

0603 266001 2002-10-01   NOTIKEWIN A  
0603 266002 2005-01-01   NOTIKEWIN B

0603 304001 2001-02-01   BLUESKY A

**POOL DESIGNATION (cont'd)**

0603 304002 2001-02-01	BLUESKY B
0603 304003 2001-02-01	BLUESKY C
0603 304004 2009-05-01	BLUESKY D
0603 304005 2001-02-01	BLUESKY E
0603 304006 2001-11-01	BLUESKY F
0603 304007 2001-09-01	BLUESKY G
0603 304008 2008-03-01	BLUESKY H
0603 304009 2010-04-01	BLUESKY I
0603 304010 2010-12-01	BLUESKY J
0603 304011 2010-12-01	BLUESKY K
0603 304012 2012-01-01	BLUESKY L
0603 326003 2011-11-01	GETHING C
0603 326005 2001-02-01	GETHING E
0603 326006 2001-02-01	GETHING F
0603 326011 2001-02-01	GETHING K
0603 326012 2001-02-01	GETHING L
0603 326013 2009-03-01	GETHING M
0603 326014 2001-02-01	GETHING N
0603 326015 2002-10-01	GETHING O
0603 326016 2001-02-01	GETHING P
0603 326017 2002-10-01	GETHING Q
0603 326019 2001-02-01	GETHING S
0603 326020 2003-07-01	GETHING T
0603 326022 2001-02-01	GETHING V
0603 326023 2012-01-01	GETHING W
0603 326026 2004-08-01	GETHING Z
0603 326027 2011-03-01	GETHING AA
0603 326028 2001-02-01	GETHING BB
0603 326029 2001-02-01	GETHING CC
0603 326032 2001-02-01	GETHING FF
0603 326033 2007-10-01	GETHING GG
0603 326034 2001-02-01	GETHING HH
0603 326038 2001-02-01	GETHING LL
0603 326039 2001-02-01	GETHING MM
0603 326040 2001-02-01	GETHING NN
0603 326044 2001-02-01	GETHING RR
0603 326045 2004-08-01	GETHING SS

**POOL DESIGNATION (cont'd)**

0603 326047 2001-02-01	GETHING UU
0603 326049 2004-08-01	GETHING WW
0603 326051 2001-04-01	GETHING YY
0603 326052 2001-06-01	GETHING ZZ
0603 326601 2001-06-01	GETHING AAA
0603 326602 2002-02-01	GETHING BBB
0603 326603 2001-09-01	GETHING CCC
0603 326604 2003-10-01	GETHING DDD
0603 326605 2009-05-01	GETHING EEE
0603 326607 2004-04-01	GETHING GGG
0603 326608 2010-11-01	GETHING HHH
0603 326609 2002-03-01	GETHING III
0603 326610 2010-04-01	GETHING JJJ
0603 326611 2002-08-01	GETHING KKK
0603 326612 2003-10-01	GETHING LLL
0603 326613 2010-04-01	GETHING MMM
0603 326615 2010-04-01	GETHING OOO
0603 326616 2003-11-01	GETHING PPP
0603 326617 2004-01-01	GETHING QQQ
0603 326618 2004-04-01	GETHING RRR
0603 326619 2004-04-01	GETHING SSS
0603 326620 2004-11-01	GETHING TTT
0603 326621 2005-02-01	GETHING UUU
0603 326622 2005-02-01	GETHING VVV
0603 326623 2006-09-01	GETHING WWW
0603 326625 2007-08-01	GETHING YYY
0603 326626 2007-09-01	GETHING ZZZ
0603 326627 2008-04-01	GETHING A2A
0603 326628 2009-03-01	GETHING B2B
0603 326630 2008-12-01	GETHING D2D
0603 326631 2011-12-01	GETHING E2E
0603 326632 2009-01-01	GETHING F2F
0603 326633 2009-03-01	GETHING G2G
0603 326635 2009-03-01	GETHING I2I
0603 326636 2010-04-01	GETHING J2J
0603 326637 2010-11-01	GETHING K2K
0603 326638 2011-02-01	GETHING L2L
0603 326641 2012-01-01	GETHING O2O

**POOL DESIGNATION (cont'd)**

0603 336011 2008-10-01	ELLERSLIE K
0603 336017 2011-10-01	ELLERSLIE Q
0603 432001 2006-12-01	ROCK CREEK A
0603 432002 2001-02-01	ROCK CREEK B
0603 432003 2001-02-01	ROCK CREEK C
0603 432004 2001-02-01	ROCK CREEK D
0603 432005 2004-02-01	ROCK CREEK E
0603 432006 2010-04-01	ROCK CREEK F
0603 432007 2012-02-01	ROCK CREEK G
0603 432008 2004-01-01	ROCK CREEK H
0603 432009 2004-09-01	ROCK CREEK I
0603 432010 2001-02-01	ROCK CREEK J
0603 432011 2009-04-01	ROCK CREEK K
0603 432012 2001-02-01	ROCK CREEK L
0603 432013 2001-02-01	ROCK CREEK M
0603 432014 2001-07-01	ROCK CREEK N
0603 432015 2009-09-01	ROCK CREEK O
0603 432016 2004-10-01	ROCK CREEK P
0603 432019 2006-11-01	ROCK CREEK S
0603 432020 2007-06-01	ROCK CREEK T
0603 432022 2008-10-01	ROCK CREEK V
0603 432023 2008-12-01	ROCK CREEK W
0603 432025 2009-05-01	ROCK CREEK Y
0603 556001 2001-02-01	BELLOY A
0603 644001 2001-02-01	BANFF A
0603 744001 2001-02-01	BEAVERHILL LAKE A

**SPACING PATTERN**

SU 4129 22 Dec 2003  
SU 4129A 25 Feb 2004  
SU 4129B 9 Aug 2004  
SU 4129C 3 Nov 2004  
SU 4129D 11 Feb 2005  
SU 4129E 9 Apr 2005  
SU 4129F 10 Aug 2005  
SU 4129G 15 Dec 2005  
SU 4129H 7 Sep 2006  
SU 4129I 18 Apr 2007  
SU 4129J 1 Oct 2007  
SU 4129K 19 Oct 2007

**SUBSURFACE DISPOSAL SCHEMES**

App 5192 26 Jan 1987  
Class II  
Newalta Corporation

**COMMINGLED PRODUCTION**

MU 7982 27 Jul 2011

**GAS STORAGE SCHEMES**

App 8221 22 Sep 1997  
App 8221A 7 Jan 1999  
App 8221B 5 Jun 2003  
App 8221C 5 Apr 2005  
App 8221D 23 Aug 2005  
App 8221E 8 May 2008  
Cardium A  
IBERDROLA Canada Energy Services Ltd.

App 9124 26 Jun 2002  
App 9124A 21 Jan 2003  
App 9124B 5 Jun 2003  
App 9124C 19 May 2005  
App 9124D 9 Dec 2005  
App 9124E 8 May 2008  
Cardium D  
IBERDROLA Canada Energy Services Ltd.

**FIELD DESIGNATION**

0600 2001-02-01                      MCMILLAN FIELD

**POOL DESIGNATION**

0600 262002 2001-02-01            GRAND RAPIDS B  
0600 262003 2001-02-01            GRAND RAPIDS C  
0600 262004 2002-10-01            GRAND RAPIDS D  
0600 262005 2010-10-01            GRAND RAPIDS E  
0600 262006 2009-08-01            GRAND RAPIDS F

0600 280001 2004-06-01            CLEARWATER A  
0600 280002 2009-01-01            CLEARWATER B

0600 328001 2001-02-01            MCMURRAY A

0600 716001 2010-04-01            GROSMONT A

**SUBSURFACE DISPOSAL SCHEMES**

App 9385A    23 Mar 2009  
Class II  
Canadian Natural Resources Limited

**INDEX OF BOARD ORDERS**

**MEA**

**MEADOW FIELD**  
**February 2012**

**0606**  
**Page 1 of 1**

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**FIELD DESIGNATION**

0606 2007-12-01                      MEADOW FIELD

**POOL DESIGNATION**

0606 218001 2006-11-01            VIKING A

0606 218002 2010-04-01            VIKING B

0606 250001 2001-03-01            UPPER MANNVILLE A

0606 250002 2006-11-01            UPPER MANNVILLE B

0606 250003 2010-04-01            UPPER MANNVILLE C

0606 250004 2009-03-01            UPPER MANNVILLE D

0606 310001 2001-02-01            LOWER MANNVILLE A

0606 310002 2001-02-01            LOWER MANNVILLE B

0606 310003 2001-02-01            LOWER MANNVILLE C

0606 310004 2001-03-01            LOWER MANNVILLE D

**COMMINGLED PRODUCTION**

MU 6066            1 Oct 2006

**FIELD DESIGNATION**

0602 2002-05-01                   MEANOOK FIELD

**POOL DESIGNATION**

0602 218001 2004-12-01       VIKING A  
0602 218002 2007-06-01       VIKING B

0602 250001 2001-02-01       UPPER MANNVILLE A  
0602 250002 2001-02-01       UPPER MANNVILLE B  
0602 250003 2003-09-01       UPPER MANNVILLE C  
0602 250004 2001-02-01       UPPER MANNVILLE D  
0602 250005 2001-02-01       UPPER MANNVILLE E  
0602 250006 2001-02-01       UPPER MANNVILLE F  
0602 250010 2010-04-01       UPPER MANNVILLE J  
0602 250011 2004-09-01       UPPER MANNVILLE K  
0602 250012 2001-02-01       UPPER MANNVILLE L  
0602 250014 2001-02-01       UPPER MANNVILLE N  
0602 250015 2001-02-01       UPPER MANNVILLE O  
0602 250016 2001-02-01       UPPER MANNVILLE P  
0602 250017 2001-02-01       UPPER MANNVILLE Q  
0602 250018 2001-02-01       UPPER MANNVILLE R  
0602 250019 2001-02-01       UPPER MANNVILLE S  
0602 250022 2001-02-01       UPPER MANNVILLE V  
0602 250023 2010-04-01       UPPER MANNVILLE W  
0602 250024 2001-02-01       UPPER MANNVILLE X  
0602 250025 2001-02-01       UPPER MANNVILLE Y  
0602 250026 2001-02-01       UPPER MANNVILLE Z  
0602 250027 2001-11-01       UPPER MANNVILLE AA  
0602 250028 2002-05-01       UPPER MANNVILLE BB  
0602 250029 2002-06-01       UPPER MANNVILLE CC  
0602 250030 2002-10-01       UPPER MANNVILLE DD  
0602 250031 2002-11-01       UPPER MANNVILLE EE  
0602 250032 2010-04-01       UPPER MANNVILLE FF  
0602 250033 2005-09-01       UPPER MANNVILLE GG  
0602 250034 2004-05-01       UPPER MANNVILLE HH  
0602 250036 2005-03-01       UPPER MANNVILLE JJ

**POOL DESIGNATION (cont'd)**

0602 250037	2007-03-01	UPPER MANNVILLE KK
0602 250038	2007-07-01	UPPER MANNVILLE LL
0602 250039	2010-04-01	UPPER MANNVILLE MM
0602 250040	2010-04-01	UPPER MANNVILLE NN
0602 250041	2008-11-01	UPPER MANNVILLE OO
0602 250042	2009-08-01	UPPER MANNVILLE PP
0602 310001	2005-09-01	LOWER MANNVILLE A
0602 310004	2001-02-01	LOWER MANNVILLE D
0602 310005	2004-09-01	LOWER MANNVILLE E
0602 310006	2001-02-01	LOWER MANNVILLE F
0602 310007	2001-02-01	LOWER MANNVILLE G
0602 310008	2001-02-01	LOWER MANNVILLE H
0602 310009	2001-02-01	LOWER MANNVILLE I
0602 310010	2001-10-01	LOWER MANNVILLE J
0602 310011	2002-09-01	LOWER MANNVILLE K
0602 658002	2001-02-01	WABAMUN B

**COMMINGLED PRODUCTION**

MU 4585      29 Aug 2005

**SUBSURFACE DISPOSAL SCHEMES**

App 2748      10 Nov 1978  
App 2748A     17 Jun 1986  
App 2748B     16 Jul 1991  
App 2748C     27 Sep 1994  
App 2748D     18 Dec 1996  
Class II  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

1341 2008-11-01           MEARON FIELD

**POOL DESIGNATION**

1341 264001 2009-10-01   SPIRIT RIVER A

1341 266001 2010-04-01   NOTIKEWIN A  
1341 266002 2006-10-01   NOTIKEWIN B  
1341 266004 2007-12-01   NOTIKEWIN D  
1341 266005 2010-04-01   NOTIKEWIN E  
1341 266006 2008-02-01   NOTIKEWIN F

1341 304001 2007-07-01   BLUESKY A  
1341 304002 2008-03-01   BLUESKY B  
1341 304003 2009-07-01   BLUESKY C

1341 758001 2002-08-01   SLAVE POINT A  
1341 758002 2002-11-01   SLAVE POINT B  
1341 758003 2004-07-01   SLAVE POINT C  
1341 758004 2003-11-01   SLAVE POINT D  
1341 758005 2005-03-01   SLAVE POINT E

1341 765501 2008-06-01   GILWOOD A

**SPACING PATTERN**

SU 3019       15 Feb 2001  
SU 3019A     23 Mar 2001  
SU 3019B     31 Aug 2001  
SU 3019C     1 Nov 2001  
SU 3019D     8 Oct 2002  
SU 3019E     1 Feb 2005  
SU 3019F     16 Feb 2005  
SU 3019G     4 Mar 2005  
SU 3019H     2 Mar 2006  
SU 3019I     28 Aug 2006  
SU 3019J     6 Dec 2006  
SU 3019K     27 Feb 2007

**FIELD DESIGNATION**

0601 2011-11-01 MEDICINE HAT FIELD

**POOL DESIGNATION**

0601 126041 2003-07-01 BELLY RIVER OO  
0601 126042 2007-02-01 BELLY RIVER PP

0601 134001 2011-02-01 BASAL BELLY RIVER A  
0601 134002 2011-02-01 BASAL BELLY RIVER B  
0601 134003 2005-05-01 BASAL BELLY RIVER C  
0601 134027 2010-07-01 BASAL BELLY RIVER AA

0601 158002 2003-02-01 MILK RIVER B  
0601 158003 2004-05-01 MILK RIVER C  
0601 158007 2006-10-01 MILK RIVER G  
0601 158009 2010-03-01 MILK RIVER I  
0601 158010 2010-03-01 MILK RIVER J  
0601 158011 2010-03-01 MILK RIVER K  
0601 158012 2011-05-01 MILK RIVER L

0601 160005 2010-04-01 COLORADO E  
0601 160006 2010-04-01 COLORADO F  
0601 160009 2003-02-01 COLORADO I  
0601 160010 2003-03-01 COLORADO J  
0601 160013 2003-04-01 COLORADO M  
0601 160015 2003-10-01 COLORADO O  
0601 160017 2004-05-01 COLORADO Q  
0601 160019 2004-09-01 COLORADO S  
0601 160020 2011-01-01 COLORADO T  
0601 160028 2010-04-01 COLORADO BB  
0601 160029 2010-04-01 COLORADO CC  
0601 160031 2010-04-01 COLORADO EE  
0601 160032 2008-11-01 COLORADO FF  
0601 160033 2011-09-01 COLORADO GG  
0601 160038 2010-03-01 COLORADO LL  
0601 160040 2010-03-01 COLORADO NN

**POOL DESIGNATION (cont'd)**

0601 160041 2011-02-01	COLORADO OO
0601 160042 2011-11-01	COLORADO PP
0601 160043 2011-11-01	COLORADO QQ
0601 162001 2006-03-01	FIRST WHITE SPECKS A
0601 162004 2011-02-01	FIRST WHITE SPECKS D
0601 162007 2010-12-01	FIRST WHITE SPECKS G
0601 162008 2010-12-01	FIRST WHITE SPECKS H
0601 162009 2010-12-01	FIRST WHITE SPECKS I
0601 162010 2010-12-01	FIRST WHITE SPECKS J
0601 162011 2010-12-01	FIRST WHITE SPECKS K
0601 162012 2011-01-01	FIRST WHITE SPECKS L
0601 162013 2011-01-01	FIRST WHITE SPECKS M
0601 162014 2011-11-01	FIRST WHITE SPECKS N
0601 162015 2011-11-01	FIRST WHITE SPECKS O
0601 186011 2001-02-01	SECOND WHITE SPECKS K
0601 186012 2001-02-01	SECOND WHITE SPECKS L
0601 186017 2009-11-01	SECOND WHITE SPECKS Q
0601 186020 2009-11-01	SECOND WHITE SPECKS T
0601 186035 2010-12-01	SECOND WHITE SPCKS II
0601 186046 2010-12-01	SECOND WHITE SPCKS TT
0601 202005 2011-09-01	FISH SCALE E
0601 202012 2007-09-01	FISH SCALE L
0601 211001 2010-04-01	LOWER COLORADO A
0601 211002 2011-09-01	LOWER COLORADO B
0601 211004 2006-10-01	LOWER COLORADO D
0601 211005 2001-02-01	LOWER COLORADO E
0601 211006 2010-04-01	LOWER COLORADO F
0601 213001 2001-02-01	BOW ISLAND A
0601 213002 2011-09-01	BOW ISLAND B
0601 213003 2001-02-01	BOW ISLAND C
0601 213006 2001-02-01	BOW ISLAND F
0601 213008 2001-02-01	BOW ISLAND H

**POOL DESIGNATION (cont'd)**

0601 213011 2010-04-01	BOW ISLAND K
0601 213012 2001-02-01	BOW ISLAND L
0601 213013 2001-02-01	BOW ISLAND M
0601 213014 2001-02-01	BOW ISLAND N
0601 213015 2001-02-01	BOW ISLAND O
0601 213016 2001-02-01	BOW ISLAND P
0601 213017 2001-02-01	BOW ISLAND Q
0601 213019 2001-02-01	BOW ISLAND S
0601 213020 2006-10-01	BOW ISLAND T
0601 213021 2001-02-01	BOW ISLAND U
0601 213022 2001-02-01	BOW ISLAND V
0601 213023 2001-02-01	BOW ISLAND W
0601 213024 2001-02-01	BOW ISLAND X
0601 213025 2001-02-01	BOW ISLAND Y
0601 213026 2001-02-01	BOW ISLAND Z
0601 213027 2001-02-01	BOW ISLAND AA
0601 213028 2001-02-01	BOW ISLAND BB
0601 213029 2001-02-01	BOW ISLAND CC
0601 213030 2001-02-01	BOW ISLAND DD
0601 213031 2001-02-01	BOW ISLAND EE
0601 213034 2010-12-01	BOW ISLAND HH
0601 213035 2001-02-01	BOW ISLAND II
0601 213036 2001-02-01	BOW ISLAND JJ
0601 213037 2001-02-01	BOW ISLAND KK
0601 213038 2001-02-01	BOW ISLAND LL
0601 213039 2001-02-01	BOW ISLAND MM
0601 213040 2001-02-01	BOW ISLAND NN
0601 213041 2005-03-01	BOW ISLAND OO
0601 213042 2001-02-01	BOW ISLAND PP
0601 213043 2001-02-01	BOW ISLAND QQ
0601 213044 2001-02-01	BOW ISLAND RR
0601 213045 2007-03-01	BOW ISLAND SS
0601 213046 2001-02-01	BOW ISLAND TT
0601 213047 2001-02-01	BOW ISLAND UU
0601 213048 2001-02-01	BOW ISLAND VV
0601 213049 2010-04-01	BOW ISLAND WW
0601 213050 2002-01-01	BOW ISLAND XX
0601 213051 2003-06-01	BOW ISLAND YY

**POOL DESIGNATION (cont'd)**

0601 213052 2010-04-01	BOW ISLAND ZZ
0601 213401 2002-12-01	BOW ISLAND AAA
0601 213402 2002-12-01	BOW ISLAND BBB
0601 213403 2003-07-01	BOW ISLAND CCC
0601 213404 2003-08-01	BOW ISLAND DDD
0601 213405 2004-06-01	BOW ISLAND EEE
0601 213407 2005-07-01	BOW ISLAND GGG
0601 213408 2006-09-01	BOW ISLAND HHH
0601 213409 2010-04-01	BOW ISLAND III
0601 213410 2007-06-01	BOW ISLAND JJJ
0601 213411 2007-08-01	BOW ISLAND KKK
0601 213412 2007-12-01	BOW ISLAND LLL
0601 213413 2008-11-01	BOW ISLAND MMM
0601 213414 2010-04-01	BOW ISLAND NNN
0601 213415 2008-08-01	BOW ISLAND OOO
0601 213416 2009-12-01	BOW ISLAND PPP
0601 213417 2010-02-01	BOW ISLAND QQQ
0601 213418 2010-03-01	BOW ISLAND RRR
0601 213419 2010-03-01	BOW ISLAND SSS
0601 213420 2011-05-01	BOW ISLAND TTT
0601 213421 2011-05-01	BOW ISLAND UUU
0601 242001 2001-02-01	BASAL COLORADO A
0601 242002 2001-02-01	BASAL COLORADO B
0601 242004 2001-02-01	BASAL COLORADO D
0601 242005 2001-02-01	BASAL COLORADO E
0601 300003 2011-09-01	GLAUCONITIC C
0601 300007 2001-02-01	GLAUCONITIC G
0601 300008 2011-09-01	GLAUCONITIC H
0601 300009 2004-11-01	GLAUCONITIC I
0601 310001 2011-12-01	LOWER MANNVILLE A
0601 310005 2001-02-01	LOWER MANNVILLE E
0601 310006 2001-02-01	LOWER MANNVILLE F
0601 310007 2001-02-01	LOWER MANNVILLE G
0601 310008 2001-02-01	LOWER MANNVILLE H
0601 310009 2010-04-01	LOWER MANNVILLE I

**POOL DESIGNATION (cont'd)**

0601 310010	2001-02-01	LOWER MANNVILLE J
0601 310011	2001-02-01	LOWER MANNVILLE K
0601 310012	2001-02-01	LOWER MANNVILLE L
0601 310014	2001-02-01	LOWER MANNVILLE N
0601 310015	2001-06-01	LOWER MANNVILLE O
0601 310016	2001-02-01	LOWER MANNVILLE P
0601 310017	2001-02-01	LOWER MANNVILLE Q
0601 310018	2001-02-01	LOWER MANNVILLE R
0601 310019	2004-05-01	LOWER MANNVILLE S
0601 310020	2004-08-01	LOWER MANNVILLE T
0601 428001	2011-09-01	SAWTOOTH A
0601 428002	2001-02-01	SAWTOOTH B
0601 428003	2001-02-01	SAWTOOTH C
0601 428004	2001-02-01	SAWTOOTH D
0601 428005	2001-02-01	SAWTOOTH E
0601 428006	2010-04-01	SAWTOOTH F
0601 428007	2008-05-01	SAWTOOTH G
0601 428008	2008-05-01	SAWTOOTH H
0601 850100	2011-11-01	MFP8501 MILK RIVER
0601 850200	2011-11-01	MFP8502 MED HAT
0601 850500	2011-11-01	MFP8505 2WS
0601 853300	2011-02-01	MFP8533 COLORADO
0601 856600	2010-04-01	MFP8566 2WS

**SPACING PATTERN**

SU 4167 21 Apr 2004  
SU 4167A 20 May 2004  
SU 4167B 10 Jun 2004  
SU 4167C 25 Jun 2004  
SU 4167D 23 Jul 2004  
SU 4167E 24 Sep 2004  
SU 4167F 4 Jan 2005  
SU 4167G 9 Mar 2005  
SU 4167H 12 Apr 2005  
SU 4167I 6 May 2005  
SU 4167J 4 Jul 2005  
SU 4167K 4 Aug 2005  
SU 4167L 19 Sep 2005  
SU 4167M 19 Jan 2006  
SU 4167N 24 Feb 2006  
SU 4167O 1 Oct 2006  
SU 4167P 1 Jun 2007  
SU 4167Q 7 Aug 2007

**MISCELLANEOUS ORDERS**

MISC 7419 26 Nov 1974  
Uncontrolled flow of Alberta  
Clay Med Hat 15-29-12-5

**COMMINGLED PRODUCTION**

MU 7546 5 Oct 2010

**ENHANCED RECOVERY SCHEMES**

App 8385F 22 Sep 2008  
Waterflood  
Glauconitic H  
Canadian Natural Resources Limited

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 10364M 21 Nov 2011  
Waterflood  
Glauconitic C  
Enerplus Corporation

App 11495B 6 Sep 2011  
Waterflood  
Lower Mannville A  
Harvest Operations Corp.

App 11694 16 Sep 2011  
Chemical  
Glauconitic C  
Enerplus Corporation

**SUBSURFACE DISPOSAL SCHEMES**

App 1557 12 Aug 1971  
Class Ib  
Dome Petroleum Limited

App 2228 28 Apr 1976  
Class II  
Eden Gas Company Limited

App 3005 7 Jan 1980  
App 3005A 13 Jul 1984  
Class II  
Placer CEGO Petroleum, A Division of  
Placer Development Limited

App 3185 5 Nov 1980  
App 3185A 20 Jan 1987  
Class II  
North Canadian Oils Limited

**SUBSURFACE DISPOSAL SCHEMES  
(cont'd)**

App 3756 20 Jan 1983  
App 3756A 28 Mar 1985  
App 3756B 8 Dec 1987  
Class II  
First Guardian Petroleum Corporation

App 3996 14 Oct 1983  
Class II  
Pan Cana Resources Ltd.

App 5910 25 Aug 1989  
App 5910A 3 Aug 2000  
App 5910B 10 Oct 2003  
App 5910C 30 Mar 2006  
App 5910D 15 May 2007  
Class Ib  
Spectra Energy Empress Management Inc.

App 6110 11 Dec 1989  
Class II  
RTEC ONE Resources Inc.

App 8169 23 Jul 1997  
Class Ib  
Amoco Canada Petroleum Company Ltd.

App 8172 23 Jul 1997  
Class II  
Beau Canada Exploration Ltd.

App 8818 16 May 2001  
Class II  
Bredal Energy Corp.

App 9431A 6 Aug 2010  
Class II  
EOG Resources Canada Inc.

**SUBSURFACE DISPOSAL SCHEMES  
(cont'd)**

App 9488 24 Jun 2003  
Class II  
Piper Energy Inc.

App 9734C 29 Jul 2011  
Class Ib  
CCS Corporation

App 9810 22 Mar 2004  
Class II  
Canadian Natural Resources Limited

App 9880 28 May 2004  
Class II  
Yangarra Resources Inc.

App 10037A 13 Jan 2012  
Class II  
Enerplus Corporation

App 10264 7 Jun 2005  
App 10264A 1 Jun 2006  
Class Ib  
Bredal Energy Corp.

App 10421 1 Dec 2005  
Class II  
City of Medicine Hat

App 10546 18 May 2006  
Class II  
Blaze Energy Ltd.

App 10579 27 Jul 2006  
Class II  
Prairie Schooner Petroleum Ltd.

**SUBSURFACE DISPOSAL SCHEMES  
(cont'd)**

App 10643 20 Sep 2006  
Class II  
Sunrise Energy Ltd.

App 10673 7 Nov 2006  
Class II  
Breaker Energy Ltd.

App 11032 26 Nov 2007  
Class II  
Renata Resources Inc.

App 11365A 15 Sep 2011  
Class II  
Direct Energy Marketing Limited

**SURFACE PIT DISPOSAL**

W 371 1 Aug 1976  
Water disposal restriction

**COMPULSORY POOLING**

P 71 19 Jun 1985  
Sec 15-12-6 W4M  
Gas  
City of Medicine Hat &  
Canadian Reserve Oil & Gas Ltd.

P 95 23 May 1989  
Sec 35-11-6 W4M  
Gas  
City of Medicine Hat

**COMPULSORY POOLING (cont'd)**

P 96 24 Jul 1989  
P 96A 15 Jul 1998  
P 96B 11 Dec 2001  
Lsd 9-34-12-5 W4M  
Oil  
EnerMark Inc.

P 98  
United Canso Oil & Gas Ltd.  
SW 1/4 32-17-3 W4M  
Gas  
GEX Resources Ltd.

P 109 25 Nov 1991  
Sec 3-12-5 W4M  
City of Medicine Hat

P 111 25 Sep 1992  
Sec 2-12-5 W4M  
Gas  
City of Medicine Hat

P 161 27 Jun 1997  
P 161A 15 Jul 1998  
P 161B 11 Dec 2001  
Lsd 8-34-12-5 W4M  
Oil  
EnerMark Inc.

P 174 9 Feb 1999  
NE/4 Section 34-12-5 W4M  
Gas  
City of Medicine Hat

P 178 8 Apr 1999  
SE/4 Section 34-12-5 W4M  
Gas  
City of Medicine Hat

**COMPULSORY POOLING (cont'd)**

P 187            4 Jan 2000  
P 187A          29 Feb 2000  
P 187B          11 Dec 2001  
Lsd-34-12-5 W4M  
Oil  
EnerMark Inc.

P 192            11 Apr 2000  
SE/4 Section 3-13-5 W4M  
Gas  
City of Medicine Hat

P 206            19 Apr 2001  
NW/4 Section 17-13-15W4M  
Gas  
City of Medicine Hat

P 285            13 Sep 2005  
P 285A          1 Aug 2007  
SW/4 Section 35-12-5W4M  
Medicine Hat & Milk River - Gas  
City of Mediicne Hat

**FIELD DESIGNATION**

0611 2010-03-01                    MEDICINE LODGE FIELD

**POOL DESIGNATION**

0611 126001 2007-01-01        BELLY RIVER A  
0611 126002 2011-01-01        BELLY RIVER B  
0611 126003 2011-01-01        BELLY RIVER C

0611 134001 2005-06-01        BASAL BELLY RIVER A

0611 176002 2007-05-01        CARDIUM B  
0611 176006 2010-12-01        CARDIUM F  
0611 176007 2002-06-01        CARDIUM G  
0611 176008 2007-06-01        CARDIUM H  
0611 176010 2011-02-01        CARDIUM J  
0611 176013 2005-06-01        CARDIUM M  
0611 176015 2007-06-01        CARDIUM O  
0611 176019 2006-02-01        CARDIUM S  
0611 176020 2006-02-01        CARDIUM T  
0611 176024 2007-02-01        CARDIUM X  
0611 176025 2007-02-01        CARDIUM Y  
0611 176028 2007-02-01        CARDIUM BB  
0611 176031 2007-02-01        CARDIUM EE  
0611 176034 2007-06-01        CARDIUM HH  
0611 176035 2010-04-01        CARDIUM II  
0611 176038 2008-06-01        CARDIUM LL  
0611 176040 2009-03-01        CARDIUM NN  
0611 176041 2009-03-01        CARDIUM OO  
0611 176042 2009-02-01        CARDIUM PP  
0611 176043 2009-03-01        CARDIUM QQ  
0611 176044 2009-07-01        CARDIUM RR  
0611 176045 2009-03-01        CARDIUM SS  
0611 176046 2009-04-01        CARDIUM TT

0611 192001 2009-11-01        DUNVEGAN A

**POOL DESIGNATION (cont'd)**

0611 218001 2010-04-01	VIKING A
0611 218007 2010-04-01	VIKING G
0611 250001 2011-03-01	UPPER MANNVILLE A
0611 250002 2010-04-01	UPPER MANNVILLE B
0611 250003 2005-09-01	UPPER MANNVILLE C
0611 250005 2010-04-01	UPPER MANNVILLE E
0611 250006 2010-04-01	UPPER MANNVILLE F
0611 250007 2010-04-01	UPPER MANNVILLE G
0611 250009 2009-05-01	UPPER MANNVILLE I
0611 250013 2009-11-01	UPPER MANNVILLE M
0611 250014 2010-10-01	UPPER MANNVILLE N
0611 250015 2011-10-01	UPPER MANNVILLE O
0611 266001 2002-05-01	NOTIKEWIN A
0611 266002 2010-12-01	NOTIKEWIN B
0611 266003 2010-04-01	NOTIKEWIN C
0611 266004 2010-04-01	NOTIKEWIN D
0611 266005 2010-04-01	NOTIKEWIN E
0611 266006 2007-03-01	NOTIKEWIN F
0611 266007 2009-02-01	NOTIKEWIN G
0611 271501 2010-04-01	FALHER A
0611 271502 2010-04-01	FALHER B
0611 271503 2010-04-01	FALHER C
0611 271504 2011-05-01	FALHER D
0611 304002 2010-04-01	BLUESKY B
0611 304003 2010-04-01	BLUESKY C
0611 304007 2007-06-01	BLUESKY G
0611 304010 2011-01-01	BLUESKY J
0611 304011 2009-03-01	BLUESKY K
0611 304016 2011-05-01	BLUESKY P
0611 304017 2011-09-01	BLUESKY Q
0611 326001 2005-09-01	GETHING A
0611 326002 2010-04-01	GETHING B
0611 326003 2011-09-01	GETHING C

**POOL DESIGNATION (cont'd)**

0611 326009 2010-04-01	GETHING I
0611 326014 2008-09-01	GETHING N
0611 326015 2011-01-01	GETHING O
0611 326021 2010-12-01	GETHING U
0611 326022 2011-04-01	GETHING V
0611 326023 2011-10-01	GETHING W
0611 348001 2002-05-01	CADOMIN A
0611 348002 2010-12-01	CADOMIN B
0611 348004 2010-04-01	CADOMIN D
0611 348005 2010-04-01	CADOMIN E
0611 348006 2010-04-01	CADOMIN F
0611 348009 2010-04-01	CADOMIN I
0611 348010 2010-11-01	CADOMIN J
0611 348011 2007-02-01	CADOMIN K
0611 348012 2011-09-01	CADOMIN L
0611 348013 2007-06-01	CADOMIN M
0611 348017 2008-01-01	CADOMIN Q
0611 348018 2010-04-01	CADOMIN R
0611 348019 2008-02-01	CADOMIN S
0611 348020 2008-04-01	CADOMIN T
0611 348022 2010-08-01	CADOMIN V
0611 348026 2011-04-01	CADOMIN Z
0611 432001 2006-01-01	ROCK CREEK A
0611 524001 2004-12-01	MONTNEY A
0611 638001 2007-07-01	ELKTON A
0611 658001 2011-07-01	WABAMUN A
0611 658002 2001-02-01	WABAMUN B
0611 720001 2001-02-01	LEDUC A
0611 850700 2010-04-01	MFP8507 CARDIUM

**SPACING PATTERN**

SU 2984      16 Jun 2000  
SU 2984A     10 Jan 2001  
SU 2984B     21 Mar 2001  
SU 2984C     18 Apr 2001  
SU 2984D     14 Oct 2003  
SU 2984E     26 Mar 2005  
SU 2984F     9 Aug 2005  
SU 2984G     15 Dec 2005  
SU 2984H     17 Jan 2006  
SU 2984I     6 Feb 2006  
SU 2984J     20 Dec 2006  
SU 2984K     24 Jan 2007

**COMMINGLED PRODUCTION**

MU 8117      17 Oct 2011

**GAS PROCESSING**

App 6707      21 Jan 1992  
App 6707A     25 May 1995  
App 6707B     15 Oct 2003  
Processing of gas  
Lightning Energy Ltd.

**COMPULSORY POOLING**

P 234          21 Feb 2003  
Section 6-53-21W5  
Viking, Gas  
Bushmills Energy Corporation

**FIELD DESIGNATION**

0604 2011-09-01 MEDICINE RIVER FIELD

**POOL DESIGNATION**

0604 064002 2007-04-01 PASKAPOO B

0604 106016 2005-08-01 EDMONTON P  
0604 106031 2010-04-01 EDMONTON EE  
0604 106035 2010-04-01 EDMONTON II  
0604 106043 2010-05-01 EDMONTON QQ  
0604 106044 2011-12-01 EDMONTON RR

0604 118801 2011-09-01 LOWER EDMONTON A  
0604 118802 2006-11-01 LOWER EDMONTON B  
0604 118803 2006-11-01 LOWER EDMONTON C  
0604 118805 2011-03-01 LOWER EDMONTON E  
0604 118806 2006-11-01 LOWER EDMONTON F  
0604 118807 2006-11-01 LOWER EDMONTON G  
0604 118809 2010-04-01 LOWER EDMONTON I  
0604 118810 2010-07-01 LOWER EDMONTON J  
0604 118813 2006-11-01 LOWER EDMONTON M  
0604 118814 2006-11-01 LOWER EDMONTON N  
0604 118815 2007-03-01 LOWER EDMONTON O  
0604 118816 2007-05-01 LOWER EDMONTON P  
0604 118819 2008-08-01 LOWER EDMONTON S  
0604 118820 2010-07-01 LOWER EDMONTON T  
0604 118822 2008-09-01 LOWER EDMONTON V  
0604 118823 2010-04-01 LOWER EDMONTON W  
0604 118824 2009-01-01 LOWER EDMONTON X  
0604 118825 2009-02-01 LOWER EDMONTON Y  
0604 118826 2009-09-01 LOWER EDMONTON Z  
0604 118827 2010-04-01 LOWER EDMONTON AA  
0604 118828 2011-03-01 LOWER EDMONTON BB  
0604 118829 2011-03-01 LOWER EDMONTON CC  
0604 118830 2011-12-01 LOWER EDMONTON DD

**POOL DESIGNATION (cont'd)**

0604 126004 2010-04-01	BELLY RIVER D
0604 134001 2010-02-01	BASAL BELLY RIVER A
0604 134002 2005-07-01	BASAL BELLY RIVER B
0604 134003 2010-03-01	BASAL BELLY RIVER C
0604 176001 2001-02-01	CARDIUM A
0604 176002 2010-04-01	CARDIUM B
0604 176003 2001-02-01	CARDIUM C
0604 176004 2001-05-01	CARDIUM D
0604 176005 2004-02-01	CARDIUM E
0604 176006 2002-02-01	CARDIUM F
0604 176007 2010-04-01	CARDIUM G
0604 176009 2003-05-01	CARDIUM I
0604 176012 2008-09-01	CARDIUM L
0604 218001 2001-10-01	VIKING A
0604 218004 2010-04-01	VIKING D
0604 218014 2001-02-01	VIKING N
0604 218016 2001-02-01	VIKING P
0604 250001 2006-06-01	UPPER MANNVILLE A
0604 250002 2007-06-01	UPPER MANNVILLE B
0604 250003 2008-04-01	UPPER MANNVILLE C
0604 250004 2008-05-01	UPPER MANNVILLE D
0604 250005 2008-05-01	UPPER MANNVILLE E
0604 250006 2009-10-01	UPPER MANNVILLE F
0604 250007 2009-01-01	UPPER MANNVILLE G
0604 300001 2010-04-01	GLAUCONITIC A
0604 300004 2003-09-01	GLAUCONITIC D
0604 300008 2001-02-01	GLAUCONITIC H
0604 300009 2007-06-01	GLAUCONITIC I
0604 300010 2001-02-01	GLAUCONITIC J
0604 300011 2001-02-01	GLAUCONITIC K
0604 300012 2001-02-01	GLAUCONITIC L
0604 300013 2010-04-01	GLAUCONITIC M
0604 300014 2004-10-01	GLAUCONITIC N

**POOL DESIGNATION (cont'd)**

0604 300015 2004-02-01 GLAUCONITIC O  
0604 300016 2010-04-01 GLAUCONITIC P  
0604 300017 2004-05-01 GLAUCONITIC Q  
0604 300018 2005-06-01 GLAUCONITIC R  
0604 300019 2005-10-01 GLAUCONITIC S  
0604 300020 2006-04-01 GLAUCONITIC T  
0604 300021 2007-02-01 GLAUCONITIC U  
0604 300022 2010-04-01 GLAUCONITIC V

0604 316001 2010-04-01 OSTRACOD A  
0604 316002 2010-04-01 OSTRACOD B  
0604 316003 2010-04-01 OSTRACOD C  
0604 316004 2001-11-01 OSTRACOD D  
0604 316010 2005-09-01 OSTRACOD J  
0604 316012 2001-02-01 OSTRACOD L  
0604 316018 2001-02-01 OSTRACOD R  
0604 316019 2001-02-01 OSTRACOD S  
0604 316025 2001-02-01 OSTRACOD Y  
0604 316026 2001-02-01 OSTRACOD Z  
0604 316027 2001-02-01 OSTRACOD AA  
0604 316028 2001-02-01 OSTRACOD BB  
0604 316029 2010-12-01 OSTRACOD CC  
0604 316030 2001-02-01 OSTRACOD DD  
0604 316031 2010-04-01 OSTRACOD EE  
0604 316032 2001-02-01 OSTRACOD FF  
0604 316033 2002-02-01 OSTRACOD GG  
0604 316034 2004-02-01 OSTRACOD HH  
0604 316035 2007-06-01 OSTRACOD II  
0604 316036 2006-03-01 OSTRACOD JJ  
0604 316038 2009-01-01 OSTRACOD LL  
0604 316039 2009-01-01 OSTRACOD MM  
0604 316040 2009-09-01 OSTRACOD NN

0604 320001 2001-02-01 BASAL MANNVILLE A  
0604 320002 2001-02-01 BASAL MANNVILLE B  
0604 320003 2002-10-01 BASAL MANNVILLE C  
0604 320004 2009-09-01 BASAL MANNVILLE D

**POOL DESIGNATION (cont'd)**

0604 334002	2010-04-01	BASAL QUARTZ B
0604 334003	2001-02-01	BASAL QUARTZ C
0604 334004	2008-10-01	BASAL QUARTZ D
0604 334006	2001-02-01	BASAL QUARTZ F
0604 334008	2001-02-01	BASAL QUARTZ H
0604 334009	2001-02-01	BASAL QUARTZ I
0604 334010	2001-02-01	BASAL QUARTZ J
0604 334011	2010-04-01	BASAL QUARTZ K
0604 334013	2001-02-01	BASAL QUARTZ M
0604 334015	2004-08-01	BASAL QUARTZ O
0604 334017	2001-02-01	BASAL QUARTZ Q
0604 334020	2001-02-01	BASAL QUARTZ T
0604 334023	2001-02-01	BASAL QUARTZ W
0604 334024	2001-02-01	BASAL QUARTZ X
0604 334025	2001-02-01	BASAL QUARTZ Y
0604 334026	2001-02-01	BASAL QUARTZ Z
0604 334028	2001-02-01	BASAL QUARTZ BB
0604 334029	2001-02-01	BASAL QUARTZ CC
0604 334032	2003-07-01	BASAL QUARTZ FF
0604 334033	2001-02-01	BASAL QUARTZ GG
0604 334036	2002-12-01	BASAL QUARTZ JJ
0604 334037	2005-03-01	BASAL QUARTZ KK
0604 334038	2010-01-01	BASAL QUARTZ LL
0604 334039	2001-02-01	BASAL QUARTZ MM
0604 334042	2001-02-01	BASAL QUARTZ PP
0604 334043	2001-02-01	BASAL QUARTZ QQ
0604 334044	2010-04-01	BASAL QUARTZ RR
0604 334045	2010-04-01	BASAL QUARTZ SS
0604 334046	2011-05-01	BASAL QUARTZ TT
0604 334047	2001-11-01	BASAL QUARTZ UU
0604 334048	2002-07-01	BASAL QUARTZ VV
0604 334049	2004-05-01	BASAL QUARTZ WW
0604 334050	2005-02-01	BASAL QUARTZ XX
0604 334051	2005-06-01	BASAL QUARTZ YY
0604 334052	2010-04-01	BASAL QUARTZ ZZ
0604 334101	2010-04-01	BASAL QUARTZ AAA
0604 334102	2010-01-01	BASAL QUARTZ BBB
0604 334103	2011-03-01	BASAL QUARTZ CCC

**POOL DESIGNATION (cont'd)**

0604 350001 2011-03-01	DETRITAL A
0604 446001 2010-04-01	JURASSIC A
0604 446002 2001-10-01	JURASSIC B
0604 446003 2010-04-01	JURASSIC C
0604 446004 2010-04-01	JURASSIC D
0604 446005 2010-04-01	JURASSIC E
0604 446007 2001-02-01	JURASSIC G
0604 446009 2001-02-01	JURASSIC I
0604 446010 2008-08-01	JURASSIC J
0604 446012 2001-02-01	JURASSIC L
0604 446013 2001-02-01	JURASSIC M
0604 446015 2001-07-01	JURASSIC O
0604 446016 2001-02-01	JURASSIC P
0604 446017 2001-02-01	JURASSIC Q
0604 446018 2001-02-01	JURASSIC R
0604 446019 2001-02-01	JURASSIC S
0604 446021 2001-02-01	JURASSIC U
0604 446022 2006-08-01	JURASSIC V
0604 446023 2001-02-01	JURASSIC W
0604 446024 2001-02-01	JURASSIC X
0604 446025 2001-02-01	JURASSIC Y
0604 446026 2001-02-01	JURASSIC Z
0604 446027 2001-02-01	JURASSIC AA
0604 446028 2001-02-01	JURASSIC BB
0604 446029 2001-02-01	JURASSIC CC
0604 446030 2001-02-01	JURASSIC DD
0604 446031 2001-02-01	JURASSIC EE
0604 446032 2001-02-01	JURASSIC FF
0604 446033 2010-04-01	JURASSIC GG
0604 446034 2001-02-01	JURASSIC HH
0604 446035 2001-03-01	JURASSIC II
0604 446036 2001-03-01	JURASSIC JJ
0604 446037 2001-03-01	JURASSIC KK
0604 446038 2001-12-01	JURASSIC LL
0604 446039 2002-07-01	JURASSIC MM
0604 446040 2003-12-01	JURASSIC NN
0604 446041 2009-03-01	JURASSIC OO

**POOL DESIGNATION (cont'd)**

0604 446042 2005-06-01	JURASSIC PP
0604 446043 2005-09-01	JURASSIC QQ
0604 446044 2006-12-01	JURASSIC RR
0604 446045 2008-05-01	JURASSIC SS
0604 638002 2001-02-01	ELKTON B
0604 639001 2001-03-01	ELKTON-SHUNDA A
0604 639002 2010-04-01	ELKTON-SHUNDA B
0604 639005 2010-04-01	ELKTON-SHUNDA E
0604 639006 2001-02-01	ELKTON-SHUNDA F
0604 640001 2001-02-01	SHUNDA A
0604 640002 2011-08-01	SHUNDA B
0604 640004 2005-07-01	SHUNDA D
0604 640005 2006-10-01	SHUNDA E
0604 640006 2009-02-01	SHUNDA F
0604 640007 2009-02-01	SHUNDA G
0604 642002 2010-04-01	PEKISKO B
0604 642003 2010-04-01	PEKISKO C
0604 642004 2001-02-01	PEKISKO D
0604 642005 2010-05-01	PEKISKO E
0604 642007 2001-02-01	PEKISKO G
0604 642008 2006-06-01	PEKISKO H
0604 642009 2001-02-01	PEKISKO I
0604 642011 2001-02-01	PEKISKO K
0604 642014 2010-04-01	PEKISKO N
0604 642015 2010-04-01	PEKISKO O
0604 642016 2010-04-01	PEKISKO P
0604 642018 2010-04-01	PEKISKO R
0604 642019 2001-02-01	PEKISKO S
0604 642020 2001-02-01	PEKISKO T
0604 642021 2010-04-01	PEKISKO U
0604 642022 2001-02-01	PEKISKO V
0604 642024 2001-02-01	PEKISKO X
0604 642025 2001-02-01	PEKISKO Y
0604 642026 2008-10-01	PEKISKO Z

**POOL DESIGNATION (cont'd)**

0604 642027 2002-10-01	PEKISKO AA
0604 642029 2003-09-01	PEKISKO CC
0604 642030 2010-04-01	PEKISKO DD
0604 642031 2010-04-01	PEKISKO EE
0604 642032 2010-04-01	PEKISKO FF
0604 644001 2001-02-01	BANFF A
0604 696001 2010-04-01	NISKU A
0604 696002 2008-10-01	NISKU B
0604 696003 2008-10-01	NISKU C
0604 720001 2010-04-01	D-3 A
0604 720002 2006-07-01	D-3 B
0604 720003 2010-04-01	D-3 C
0604 720004 2001-02-01	D-3 D
0604 720005 2001-02-01	D-3 E
0604 720006 2005-02-01	D-3 F
0604 720007 2007-04-01	D-3 G
0604 720008 2007-09-01	D-3 H
0604 720009 2010-04-01	D-3 I
0604 720010 2008-02-01	D-3 J
0604 720011 2009-02-01	D-3 K
0604 720012 2009-02-01	D-3 L
0604 732001 2001-02-01	COOKING LAKE A
0604 856200 2011-09-01	MFP8562 EDMONTON
0604 857100 2010-02-01	MFP8571 LWR EDMONTON

**SPACING PATTERN**

SU 4073 23 Apr 2003  
SU 4073A 3 Jul 2003  
SU 4073B 25 Sep 2003  
SU 4073C 25 Feb 2004  
SU 4073D 24 Mar 2004  
SU 4073E 16 Jul 2004  
SU 4073F 9 Aug 2004  
SU 4073G 9 May 2005  
SU 4073H 22 Aug 2005  
SU 4073I 3 Jan 2006  
SU 4073J 13 Feb 2006  
SU 4073K 1 May 2006  
SU 4073L 24 Jul 2007  
SU 4073M 3 Aug 2007  
SU 4073N 14 Sep 2007  
SU 4073O 19 Oct 2007

**COMMINGLED PRODUCTION**

MU 7863 19 May 2011

**GAS PROCESSING**

App 5542F 23 Jan 2009  
Processing of gas  
Penn West Petroleum Ltd.

**ENHANCED RECOVERY SCHEMES**

App 1797F 17 Nov 2008  
Waterflood  
Glaucanitic A  
NAL Resources Limited

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 2518B 27 Sep 2010  
Waterflood  
Glaucanitic A  
Taqa North Ltd.

App 3139B 17 Nov 2008  
Waterflood  
Glaucanitic A  
NAL Resources Limited

App 4008 24 Jan 1984  
App 4008A 24 Oct 1984  
App 4008B 27 Jul 1989  
Waterflood  
Glaucanitic A  
Murphy Oil Company Ltd.

App 4655 12 Sep 1985  
App 4655A 1 Jun 1987  
App 4655B 17 Nov 1987  
App 4655C 22 Oct 1991  
App 4655D 12 Apr 1994  
Waterflood  
Viking D  
Canadian Jorex Limited

App 4699F 30 Jul 2009  
Waterflood  
Glaucanitic A  
PennWest Petroleum Ltd.

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 4700 26 Nov 1985  
 App 4700A 24 Mar 1988  
 App 4700B 20 Nov 1990  
 App 4700C 6 Aug 1991  
 App 4700D 12 Jun 1996  
 App 4700E 21 Jan 1997  
 App 4700F 14 Dec 1999  
 Waterflood  
 Glauconitic A  
 NAL Resources Ltd.

App 4815 28 Feb 1986  
 App 4815A 31 Mar 1987  
 App 4815B 5 Jul 1989  
 App 4815C 5 Jul 2002  
 App 4815D 17 Sep 2003  
 Waterflood  
 Viking D  
 ConocoPhillips Canada Resources Corp.

App 4835F 29 Jun 2009  
 Waterflood  
 Ostracod A  
 Talisman Energy Inc.

App 5350 1 Jun 1987  
 App 5350A 23 Nov 1990  
 App 5350B 12 Apr 1994  
 Waterflood  
 Viking D  
 Canadian Jorex Limited  
 Suspended per amendment 5350B

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 7703 22 Mar 1995  
 App 7703A 5 Jul 2002  
 Waterflood  
 Pekisko E  
 Conoco Canada Resources Limited

App 9612C 19 Sep 2008  
 Waterflood  
 Jurassic A  
 ConocoPhillips Canada Resources Corp.

App 9614A 6 Feb 2009  
 Waterflood  
 Pekisko E  
 ConocoPhillips Canada Resources Corp.

App 9718D 9 May 2011  
 Waterflood  
 Jurassic D and GG  
 ConocoPhillips Canada Resources Corp.

App 10005C 25 Aug 2009  
 Waterflood  
 Jurassic C  
 NAL Resources Limited

App 10084 19 Oct 2004  
 Waterflood  
 Basal Quartz B  
 NAL Resources Limited

App 10528 16 May 2006  
 Other  
 Pekisko N  
 ConocoPhillips Canada Ltd.

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 10641B 30 Jul 2009  
Waterflood  
Glaucconitic A  
Penn West Petroleum Ltd.

**CONCURRENT PRODUCTION**

MISC 7823 29 Mar 1979  
MISC 7823A 3 Dec 1992  
MISC 7823B 29 Apr 1996  
MISC 7823C 9 Apr 1997  
MISC 7823D 5 Nov 1997  
MISC 7823E 15 Mar 1999  
Glaucconitic A

MISC 93447 8 Feb 1994  
MISC 93447A 19 Dec 1994  
Basal Quartz LL

**SUBSURFACE DISPOSAL SCHEMES**

App 6499 22 Apr 1991  
Class II  
First Guardian Petroleum Corporation

App 6881 19 Oct 1992  
App 6881A 20 Apr 1993  
Class Ib  
Newalta Corporation

App 7213 23 Jul 1993  
Class II  
Ocelot Energy Inc.

App 7442 17 Mar 1984  
Class II  
Suncor Inc.

**SUBSURFACE DISPOSAL SCHEMES  
(cont'd)**

App 7543 2 Nov 1994  
Class 1b  
Medicine River Oil Recyclers Ltd.

App 10047B 24 Sep 2010  
Class Ib  
Central Disposal Inc.

App 11314 27 Apr 2009  
Class II  
Sword Energy Inc.

**COMPULSORY POOLING**

P 51 20 Mar 1982  
Section 33-038-03W5M  
Jurassic/Detrital Gas  
Suncor Inc.

P 82 22 Jul 1986  
Sec 5-039-01W5M  
Mannville Gas  
APL Oil & Gas Ltd.

P 162 19 Aug 1997  
Sec 15-039-03W5M  
Basal Quartz Gas  
Glen Isle Exploration Ltd. &  
EnCal Energy Ltd.

P 252 4 May 2004  
P 252A 25 Jun 2004  
P 252B 22 May 2007  
Sec 31-038-02W5M  
Edmonton Gas Basal Belly River Formation  
International Sovereign Energy Corp.

**COMPULSORY POOLING (cont'd)**

P 294            5 Dec 2005  
Sec 17-039-03W5M  
Cardium Gas  
ConocoPhillips Canada Resources Corp.

**FIELD DESIGNATION**

0605 2004-02-01 MEEKWAP FIELD

**POOL DESIGNATION**

0605 264001 2002-02-01 SPIRIT RIVER A  
0605 264002 2004-03-01 SPIRIT RIVER B

0605 326001 2010-04-01 GETHING A  
0605 326002 2004-02-01 GETHING B  
0605 326003 2006-12-01 GETHING C  
0605 326004 2007-08-01 GETHING D

0605 696001 2010-04-01 D-2 A  
0605 696005 2010-04-01 D-2 E  
0605 696006 2001-02-01 D-2 F  
0605 696007 2010-04-01 D-2 G  
0605 696008 2009-09-01 D-2 H

**SPACING PATTERN**

SU 2435 9 Jan 1996  
SU 2435A 14 Jul 1998  
SU 2435B 27 Jan 1999  
SU 2435C 22 Jun 2000  
SU 2435D 23 Mar 2001  
SU 2435E 12 Sep 2007

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 8152 26 May 1997  
Waterflood  
D-2 E  
Eurogas Corporation

**COMMINGLED PRODUCTION**

MU 3343 25 Feb 2004

**ENHANCED RECOVERY SCHEMES**

App 5689K 20 Dec 2011  
Waterflood  
D-2 A  
Penn West Petroleum Ltd.

**FIELD DESIGNATION**

0570 2009-05-01                    MEGA FIELD

**POOL DESIGNATION**

0570 612001 2010-04-01        DEBOLT A  
0570 612002 2001-07-01        DEBOLT B  
0570 612003 2001-12-01        DEBOLT C

0570 640001 2010-06-01        SHUNDA A  
0570 640002 2010-09-01        SHUNDA B

0570 758001 2010-08-01        SLAVE POINT A

0570 772101 2008-11-01        KEG RIVER A  
0570 772102 2008-06-01        KEG RIVER B  
0570 772103 2008-10-01        KEG RIVER C  
0570 772104 2008-11-01        KEG RIVER D

**SUBSURFACE DISPOSAL SCHEMES**

App 9058        26 Mar 2002  
Class II  
Penn West Petroleum Ltd.

**FIELD DESIGNATION**

0607 2008-08-01 MELLOWDALE FIELD

**POOL DESIGNATION**

0607 218001 2006-12-01 VIKING A  
0607 218002 2001-02-01 VIKING B  
0607 218003 2002-05-01 VIKING C

0607 250001 2001-02-01 UPPER MANNVILLE A  
0607 250002 2002-02-01 UPPER MANNVILLE B  
0607 250003 2010-04-01 UPPER MANNVILLE C  
0607 250004 2004-05-01 UPPER MANNVILLE D  
0607 250005 2006-06-01 UPPER MANNVILLE E  
0607 250006 2006-06-01 UPPER MANNVILLE F  
0607 250007 2008-08-01 UPPER MANNVILLE G  
0607 250008 2008-08-01 UPPER MANNVILLE H  
0607 250009 2010-04-01 UPPER MANNVILLE I  
0607 250010 2009-10-01 UPPER MANNVILLE J

0607 310001 2001-02-01 LOWER MANNVILLE A  
0607 310002 2010-04-01 LOWER MANNVILLE B  
0607 310003 2002-09-01 LOWER MANNVILLE C  
0607 310004 2001-02-01 LOWER MANNVILLE D  
0607 310005 2003-06-01 LOWER MANNVILLE E

0607 336002 2005-06-01 ELLERSLIE B  
0607 336003 2002-05-01 ELLERSLIE C  
0607 336004 2005-12-01 ELLERSLIE D

0607 644001 2008-11-01 BANFF A

**SPACING PATTERN**

SU 2445 13 Dec 1995  
SU 2445A 25 Feb 2004  
SU 2445B 1 Feb 2006  
SU 2445C 30 Mar 2007  
SU 2445D 20 Jun 2007

**SUBSURFACE DISPOSAL SCHEMES**

App 4866 8 Apr 1986  
Class II  
Cabre Exploration Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 5583 18 Jan 1988

App 5583A 4 Dec 1990

App 5583B 7 Jan 1992

Class II

Universal Explorations Ltd.

App 11155 17 Mar 2008

Class II

Sword Energy Inc.

**FIELD DESIGNATION**

0608 2001-02-01 MEYER FIELD

**POOL DESIGNATION**

0608 218001 2001-02-01 VIKING A

0608 250001 2001-02-01 UPPER MANNVILLE A  
0608 250002 2001-02-01 UPPER MANNVILLE B  
0608 250003 2010-04-01 UPPER MANNVILLE C  
0608 250004 2001-02-01 UPPER MANNVILLE D  
0608 250006 2001-02-01 UPPER MANNVILLE F  
0608 250007 2001-02-01 UPPER MANNVILLE G  
0608 250008 2001-02-01 UPPER MANNVILLE H  
0608 250009 2001-02-01 UPPER MANNVILLE I  
0608 250010 2001-02-01 UPPER MANNVILLE J  
0608 250011 2001-02-01 UPPER MANNVILLE K  
0608 250012 2001-02-01 UPPER MANNVILLE L  
0608 250014 2001-02-01 UPPER MANNVILLE N  
0608 250015 2001-02-01 UPPER MANNVILLE O  
0608 250017 2001-02-01 UPPER MANNVILLE Q  
0608 250018 2001-02-01 UPPER MANNVILLE R  
0608 250019 2010-05-01 UPPER MANNVILLE S  
0608 250020 2001-02-01 UPPER MANNVILLE T  
0608 250021 2001-02-01 UPPER MANNVILLE U  
0608 250022 2010-04-01 UPPER MANNVILLE V  
0608 250023 2001-02-01 UPPER MANNVILLE W  
0608 250024 2011-04-01 UPPER MANNVILLE X  
0608 250025 2001-02-01 UPPER MANNVILLE Y  
0608 250026 2001-02-01 UPPER MANNVILLE Z  
0608 250027 2001-02-01 UPPER MANNVILLE AA  
0608 250029 2001-02-01 UPPER MANNVILLE CC  
0608 250030 2001-02-01 UPPER MANNVILLE DD  
0608 250031 2001-02-01 UPPER MANNVILLE EE  
0608 250032 2001-02-01 UPPER MANNVILLE FF  
0608 250033 2001-02-01 UPPER MANNVILLE GG  
0608 250034 2001-02-01 UPPER MANNVILLE HH

**POOL DESIGNATION (cont'd)**

0608 250035 2001-02-01	UPPER MANNVILLE II
0608 250036 2001-02-01	UPPER MANNVILLE JJ
0608 250037 2001-02-01	UPPER MANNVILLE KK
0608 250038 2001-02-01	UPPER MANNVILLE LL
0608 250039 2001-02-01	UPPER MANNVILLE MM
0608 250040 2001-02-01	UPPER MANNVILLE NN
0608 250041 2001-03-01	UPPER MANNVILLE OO
0608 250042 2001-03-01	UPPER MANNVILLE PP
0608 250043 2002-01-01	UPPER MANNVILLE QQ
0608 250044 2002-02-01	UPPER MANNVILLE RR
0608 250045 2002-02-01	UPPER MANNVILLE SS
0608 250046 2002-02-01	UPPER MANNVILLE TT
0608 250047 2002-05-01	UPPER MANNVILLE UU
0608 250048 2002-10-01	UPPER MANNVILLE VV
0608 250049 2003-05-01	UPPER MANNVILLE WW
0608 250050 2003-10-01	UPPER MANNVILLE XX
0608 250051 2004-03-01	UPPER MANNVILLE YY
0608 250052 2003-11-01	UPPER MANNVILLE ZZ
0608 250701 2006-06-01	UPPER MANNVILLE AAA
0608 250702 2007-06-01	UPPER MANNVILLE BBB
0608 250703 2008-11-01	UPPER MANNVILLE CCC
0608 250704 2008-03-01	UPPER MANNVILLE DDD
0608 310002 2007-06-01	LOWER MANNVILLE B
0608 310003 2008-12-01	LOWER MANNVILLE C
0608 328001 2002-02-01	MCMURRAY A
0608 328002 2002-10-01	MCMURRAY B
0608 328003 2009-06-01	MCMURRAY C
0608 350001 2001-02-01	DETRITAL A
0608 658001 2001-10-01	WABAMUN A
0608 658002 2001-02-01	WABAMUN B
0608 658003 2001-02-01	WABAMUN C
0608 658004 2001-02-01	WABAMUN D
0608 658005 2001-02-01	WABAMUN E
0608 658006 2001-02-01	WABAMUN F

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**POOL DESIGNATION (cont'd)**

0608 658007 2001-03-01 WABAMUN G

0608 658008 2007-07-01 WABAMUN H

**SPACING PATTERN**

SU 2697 7 Mar 1996

**COMMINGLED PRODUCTION**

MU 5261 9 Feb 2006

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**February 2012****0621**  
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0621 2009-07-01 MICHICHI FIELD

**POOL DESIGNATION**

0621 106010 2004-10-01	EDMONTON J
0621 106011 2010-04-01	EDMONTON K
0621 118802 2007-09-01	LOWER EDMONTON B
0621 118803 2010-04-01	LOWER EDMONTON C
0621 118806 2006-11-01	LOWER EDMONTON F
0621 118808 2010-01-01	LOWER EDMONTON H
0621 126032 2001-03-01	BELLY RIVER FF
0621 134009 2010-04-01	BASAL BELLY RIVER I
0621 134012 2005-07-01	BASAL BELLY RIVER L
0621 134013 2010-07-01	BASAL BELLY RIVER M
0621 186001 2009-02-01	SECOND WHITE SPECKS A
0621 186002 2007-06-01	SECOND WHITE SPECKS B
0621 218001 2001-02-01	VIKING A
0621 218002 2004-08-01	VIKING B
0621 218003 2004-08-01	VIKING C
0621 218004 2008-06-01	VIKING D
0621 218005 2008-12-01	VIKING E
0621 250001 2001-02-01	UPPER MANNVILLE A
0621 250002 2001-02-01	UPPER MANNVILLE B
0621 250003 2001-02-01	UPPER MANNVILLE C
0621 250004 2010-04-01	UPPER MANNVILLE D
0621 250005 2001-02-01	UPPER MANNVILLE E
0621 250006 2010-04-01	UPPER MANNVILLE F
0621 250007 2001-02-01	UPPER MANNVILLE G
0621 250008 2001-02-01	UPPER MANNVILLE H
0621 250009 2006-05-01	UPPER MANNVILLE I

**POOL DESIGNATION (cont'd)**

0621 250010 2007-06-01	UPPER MANNVILLE J
0621 250011 2001-02-01	UPPER MANNVILLE K
0621 250013 2001-02-01	UPPER MANNVILLE M
0621 250014 2010-04-01	UPPER MANNVILLE N
0621 250015 2001-02-01	UPPER MANNVILLE O
0621 250016 2010-04-01	UPPER MANNVILLE P
0621 250017 2001-02-01	UPPER MANNVILLE Q
0621 250018 2001-02-01	UPPER MANNVILLE R
0621 250019 2001-04-01	UPPER MANNVILLE S
0621 250020 2001-06-01	UPPER MANNVILLE T
0621 250021 2001-10-01	UPPER MANNVILLE U
0621 250022 2002-08-01	UPPER MANNVILLE V
0621 250023 2010-04-01	UPPER MANNVILLE W
0621 250024 2002-12-01	UPPER MANNVILLE X
0621 250025 2003-02-01	UPPER MANNVILLE Y
0621 250026 2004-11-01	UPPER MANNVILLE Z
0621 250027 2004-11-01	UPPER MANNVILLE AA
0621 250028 2003-07-01	UPPER MANNVILLE BB
0621 250029 2007-02-01	UPPER MANNVILLE CC
0621 250030 2004-02-01	UPPER MANNVILLE DD
0621 250031 2004-02-01	UPPER MANNVILLE EE
0621 250032 2004-08-01	UPPER MANNVILLE FF
0621 250033 2004-08-01	UPPER MANNVILLE GG
0621 250034 2004-08-01	UPPER MANNVILLE HH
0621 250035 2008-05-01	UPPER MANNVILLE II
0621 250036 2005-07-01	UPPER MANNVILLE JJ
0621 250037 2005-07-01	UPPER MANNVILLE KK
0621 250041 2005-02-01	UPPER MANNVILLE OO
0621 250042 2005-05-01	UPPER MANNVILLE PP
0621 250043 2010-01-01	UPPER MANNVILLE QQ
0621 250045 2005-10-01	UPPER MANNVILLE SS
0621 250046 2006-02-01	UPPER MANNVILLE TT
0621 250047 2006-08-01	UPPER MANNVILLE UU
0621 250048 2006-11-01	UPPER MANNVILLE VV
0621 250049 2010-04-01	UPPER MANNVILLE WW
0621 250050 2010-04-01	UPPER MANNVILLE XX
0621 250051 2006-09-01	UPPER MANNVILLE YY
0621 250052 2006-09-01	UPPER MANNVILLE ZZ

**POOL DESIGNATION (cont'd)**

0621 250701 2006-12-01 UPPER MANNVILLE AAA  
0621 250702 2010-04-01 UPPER MANNVILLE BBB  
0621 250703 2007-02-01 UPPER MANNVILLE CCC  
0621 250704 2007-06-01 UPPER MANNVILLE DDD  
0621 250705 2007-06-01 UPPER MANNVILLE EEE  
0621 250706 2007-06-01 UPPER MANNVILLE FFF  
0621 250707 2010-01-01 UPPER MANNVILLE GGG  
0621 250708 2007-06-01 UPPER MANNVILLE HHH  
0621 250709 2007-10-01 UPPER MANNVILLE III  
0621 250710 2007-07-01 UPPER MANNVILLE JJJ  
0621 250711 2010-04-01 UPPER MANNVILLE KKK  
0621 250712 2008-04-01 UPPER MANNVILLE LLL  
0621 250713 2008-05-01 UPPER MANNVILLE MMM  
0621 250714 2009-03-01 UPPER MANNVILLE NNN  
0621 250715 2010-03-01 UPPER MANNVILLE OOO

0621 310001 2006-06-01 LOWER MANNVILLE A  
0621 310002 2002-10-01 LOWER MANNVILLE B  
0621 310005 2001-02-01 LOWER MANNVILLE E  
0621 310009 2003-12-01 LOWER MANNVILLE I  
0621 310010 2002-10-01 LOWER MANNVILLE J  
0621 310011 2001-02-01 LOWER MANNVILLE K  
0621 310012 2001-02-01 LOWER MANNVILLE L  
0621 310013 2004-08-01 LOWER MANNVILLE M  
0621 310015 2001-02-01 LOWER MANNVILLE O  
0621 310016 2001-02-01 LOWER MANNVILLE P  
0621 310018 2001-02-01 LOWER MANNVILLE R  
0621 310019 2001-02-01 LOWER MANNVILLE S  
0621 310020 2009-07-01 LOWER MANNVILLE T  
0621 310021 2001-02-01 LOWER MANNVILLE U  
0621 310022 2001-03-01 LOWER MANNVILLE V  
0621 310023 2002-02-01 LOWER MANNVILLE W  
0621 310024 2010-12-01 LOWER MANNVILLE X  
0621 310025 2002-09-01 LOWER MANNVILLE Y  
0621 310026 2006-07-01 LOWER MANNVILLE Z  
0621 310027 2007-10-01 LOWER MANNVILLE AA  
0621 310028 2004-08-01 LOWER MANNVILLE BB  
0621 310029 2004-08-01 LOWER MANNVILLE CC

**POOL DESIGNATION (cont'd)**

0621 310030 2005-07-01 LOWER MANNVILLE DD  
0621 310031 2004-08-01 LOWER MANNVILLE EE  
0621 310032 2004-08-01 LOWER MANNVILLE FF  
0621 310033 2010-04-01 LOWER MANNVILLE GG  
0621 310034 2008-02-01 LOWER MANNVILLE HH  
0621 310035 2008-06-01 LOWER MANNVILLE II

0621 316002 2001-03-01 OSTRACOD B  
0621 316003 2002-02-01 OSTRACOD C  
0621 316004 2010-04-01 OSTRACOD D

0621 350002 2001-02-01 DETRITAL B  
0621 350003 2001-02-01 DETRITAL C  
0621 350004 2001-02-01 DETRITAL D  
0621 350005 2010-04-01 DETRITAL E  
0621 350006 2010-04-01 DETRITAL F  
0621 350007 2011-08-01 DETRITAL G  
0621 350009 2006-09-01 DETRITAL I  
0621 350010 2006-09-01 DETRITAL J  
0621 350011 2010-04-01 DETRITAL K  
0621 350012 2008-12-01 DETRITAL L  
0621 350013 2010-05-01 DETRITAL M

0621 644001 2010-04-01 BANFF A  
0621 644002 2003-06-01 BANFF B  
0621 644003 2010-04-01 BANFF C  
0621 644004 2010-04-01 BANFF D  
0621 644005 2001-02-01 BANFF E  
0621 644006 2001-02-01 BANFF F  
0621 644009 2001-02-01 BANFF I  
0621 644010 2001-02-01 BANFF J  
0621 644011 2010-04-01 BANFF K  
0621 644012 2001-02-01 BANFF L  
0621 644014 2011-12-01 BANFF N  
0621 644015 2001-10-01 BANFF O  
0621 644016 2001-02-01 BANFF P  
0621 644017 2001-02-01 BANFF Q  
0621 644018 2001-02-01 BANFF R

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0621 644019	2001-02-01	BANFF S
0621 644020	2001-02-01	BANFF T
0621 644021	2001-02-01	BANFF U
0621 644022	2001-02-01	BANFF V
0621 644023	2001-02-01	BANFF W
0621 644024	2001-02-01	BANFF X
0621 644025	2001-02-01	BANFF Y
0621 644026	2008-10-01	BANFF Z
0621 644027	2011-05-01	BANFF AA
0621 644028	2011-07-01	BANFF BB
0621 644029	2012-01-01	BANFF CC
0621 644030	2011-12-01	BANFF DD
0621 850600	2011-01-01	MFP8506 BELLY RIVER
0621 854000	2011-01-01	MFP8540 BSL BELLY RIV
0621 854300	2011-04-01	MFP8543 BSL BELLY RIV

**SPACING PATTERN**

SU 4216	2 Sep 2004
SU 4216A	28 Jan 2005
SU 4216B	2 Feb 2006

**COMMINGLED PRODUCTION**

MU 8219	3 Nov 2011
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**FIELD DESIGNATION**

0609 2011-01-01                      MIKWAN FIELD

**POOL DESIGNATION**

0609 118801 2010-11-01      LOWER EDMONTON A  
0609 118802 2010-04-01      LOWER EDMONTON B  
0609 118803 2010-11-01      LOWER EDMONTON C  
0609 118804 2011-04-01      LOWER EDMONTON D  
0609 118805 2011-06-01      LOWER EDMONTON E  
0609 118806 2011-09-01      LOWER EDMONTON F  
0609 118807 2011-12-01      LOWER EDMONTON G

0609 126004 2001-02-01      BELLY RIVER D  
0609 126005 2001-02-01      BELLY RIVER E  
0609 126014 2006-01-01      BELLY RIVER N  
0609 126016 2010-04-01      BELLY RIVER P  
0609 126021 2010-04-01      BELLY RIVER U  
0609 126024 2010-04-01      BELLY RIVER X  
0609 126028 2010-11-01      BELLY RIVER BB  
0609 126029 2011-03-01      BELLY RIVER CC  
0609 126030 2011-09-01      BELLY RIVER DD

0609 134001 2005-07-01      BASAL BELLY RIVER A  
0609 134005 2011-04-01      BASAL BELLY RIVER E  
0609 134006 2006-11-01      BASAL BELLY RIVER F  
0609 134009 2010-11-01      BASAL BELLY RIVER I  
0609 134012 2012-01-01      BASAL BELLY RIVER L

0609 218002 2010-04-01      VIKING B  
0609 218003 2001-02-01      VIKING C  
0609 218004 2001-02-01      VIKING D  
0609 218005 2001-02-01      VIKING E  
0609 218006 2001-02-01      VIKING F  
0609 218008 2001-02-01      VIKING H  
0609 218009 2001-02-01      VIKING I  
0609 218010 2001-02-01      VIKING J

**POOL DESIGNATION (cont'd)**

0609 218011	2001-02-01	VIKING K
0609 218012	2004-08-01	VIKING L
0609 218014	2001-02-01	VIKING N
0609 218015	2001-02-01	VIKING O
0609 218016	2001-02-01	VIKING P
0609 218017	2001-02-01	VIKING Q
0609 218018	2001-03-01	VIKING R
0609 218019	2010-04-01	VIKING S
0609 218020	2005-10-01	VIKING T
0609 218021	2010-04-01	VIKING U
0609 218022	2007-06-01	VIKING V
0609 218023	2008-02-01	VIKING W
0609 218024	2008-10-01	VIKING X
0609 218025	2010-11-01	VIKING Y
0609 250001	2006-06-01	UPPER MANNVILLE A
0609 250003	2001-02-01	UPPER MANNVILLE C
0609 250004	2005-11-01	UPPER MANNVILLE D
0609 250005	2001-02-01	UPPER MANNVILLE E
0609 250006	2010-04-01	UPPER MANNVILLE F
0609 250007	2001-02-01	UPPER MANNVILLE G
0609 250008	2001-02-01	UPPER MANNVILLE H
0609 250009	2010-04-01	UPPER MANNVILLE I
0609 250011	2001-02-01	UPPER MANNVILLE K
0609 250013	2004-08-01	UPPER MANNVILLE M
0609 250014	2001-02-01	UPPER MANNVILLE N
0609 250015	2001-02-01	UPPER MANNVILLE O
0609 250016	2001-02-01	UPPER MANNVILLE P
0609 250017	2007-07-01	UPPER MANNVILLE Q
0609 250018	2001-02-01	UPPER MANNVILLE R
0609 250019	2010-04-01	UPPER MANNVILLE S
0609 250020	2001-02-01	UPPER MANNVILLE T
0609 250021	2001-02-01	UPPER MANNVILLE U
0609 250022	2001-02-01	UPPER MANNVILLE V
0609 250023	2001-02-01	UPPER MANNVILLE W
0609 250024	2001-02-01	UPPER MANNVILLE X
0609 250025	2010-04-01	UPPER MANNVILLE Y
0609 250026	2001-02-01	UPPER MANNVILLE Z

**POOL DESIGNATION (cont'd)**

0609 250027	2001-02-01	UPPER MANNVILLE AA
0609 250028	2001-02-01	UPPER MANNVILLE BB
0609 250029	2001-02-01	UPPER MANNVILLE CC
0609 250031	2001-02-01	UPPER MANNVILLE EE
0609 250032	2001-02-01	UPPER MANNVILLE FF
0609 250033	2010-04-01	UPPER MANNVILLE GG
0609 250034	2001-02-01	UPPER MANNVILLE HH
0609 250035	2001-02-01	UPPER MANNVILLE II
0609 250036	2001-02-01	UPPER MANNVILLE JJ
0609 250037	2001-02-01	UPPER MANNVILLE KK
0609 250038	2001-02-01	UPPER MANNVILLE LL
0609 250039	2001-02-01	UPPER MANNVILLE MM
0609 250040	2001-02-01	UPPER MANNVILLE NN
0609 250041	2001-02-01	UPPER MANNVILLE OO
0609 250042	2001-02-01	UPPER MANNVILLE PP
0609 250043	2004-07-01	UPPER MANNVILLE QQ
0609 250044	2001-02-01	UPPER MANNVILLE RR
0609 250045	2001-02-01	UPPER MANNVILLE SS
0609 250046	2001-02-01	UPPER MANNVILLE TT
0609 250048	2001-02-01	UPPER MANNVILLE VV
0609 250049	2001-03-01	UPPER MANNVILLE WW
0609 250051	2001-12-01	UPPER MANNVILLE YY
0609 250052	2004-02-01	UPPER MANNVILLE ZZ
0609 250701	2010-04-01	UPPER MANNVILLE AAA
0609 250702	2005-04-01	UPPER MANNVILLE BBB
0609 250703	2007-10-01	UPPER MANNVILLE CCC
0609 250704	2005-06-01	UPPER MANNVILLE DDD
0609 250705	2006-01-01	UPPER MANNVILLE EEE
0609 250706	2010-04-01	UPPER MANNVILLE FFF
0609 250707	2010-04-01	UPPER MANNVILLE GGG
0609 250708	2006-12-01	UPPER MANNVILLE HHH
0609 250709	2007-05-01	UPPER MANNVILLE III
0609 250710	2007-11-01	UPPER MANNVILLE JJJ
0609 250711	2010-11-01	UPPER MANNVILLE KKK
0609 250712	2011-06-01	UPPER MANNVILLE LLL
0609 310001	2010-04-01	LOWER MANNVILLE A
0609 310003	2001-02-01	LOWER MANNVILLE C

**POOL DESIGNATION (cont'd)**

0609 310004	2001-02-01	LOWER MANNVILLE D
0609 310005	2001-02-01	LOWER MANNVILLE E
0609 310006	2001-02-01	LOWER MANNVILLE F
0609 310009	2010-04-01	LOWER MANNVILLE I
0609 310010	2010-04-01	LOWER MANNVILLE J
0609 310013	2001-02-01	LOWER MANNVILLE M
0609 310015	2001-02-01	LOWER MANNVILLE O
0609 310016	2001-02-01	LOWER MANNVILLE P
0609 310017	2001-10-01	LOWER MANNVILLE Q
0609 310018	2001-02-01	LOWER MANNVILLE R
0609 310019	2001-02-01	LOWER MANNVILLE S
0609 310020	2001-02-01	LOWER MANNVILLE T
0609 310022	2001-02-01	LOWER MANNVILLE V
0609 310023	2001-02-01	LOWER MANNVILLE W
0609 310024	2001-02-01	LOWER MANNVILLE X
0609 310025	2001-02-01	LOWER MANNVILLE Y
0609 310026	2001-02-01	LOWER MANNVILLE Z
0609 310027	2001-02-01	LOWER MANNVILLE AA
0609 310028	2001-02-01	LOWER MANNVILLE BB
0609 310029	2010-04-01	LOWER MANNVILLE CC
0609 310030	2001-02-01	LOWER MANNVILLE DD
0609 310031	2001-02-01	LOWER MANNVILLE EE
0609 310032	2001-02-01	LOWER MANNVILLE FF
0609 310033	2001-02-01	LOWER MANNVILLE GG
0609 310034	2001-02-01	LOWER MANNVILLE HH
0609 310035	2011-05-01	LOWER MANNVILLE II
0609 310037	2010-04-01	LOWER MANNVILLE KK
0609 310038	2010-04-01	LOWER MANNVILLE LL
0609 310039	2001-02-01	LOWER MANNVILLE MM
0609 310040	2010-04-01	LOWER MANNVILLE NN
0609 310041	2001-02-01	LOWER MANNVILLE OO
0609 310042	2001-02-01	LOWER MANNVILLE PP
0609 310043	2005-07-01	LOWER MANNVILLE QQ
0609 310045	2001-02-01	LOWER MANNVILLE SS
0609 310046	2001-02-01	LOWER MANNVILLE TT
0609 310047	2001-02-01	LOWER MANNVILLE UU
0609 310048	2001-02-01	LOWER MANNVILLE VV
0609 310049	2001-02-01	LOWER MANNVILLE WW

**POOL DESIGNATION (cont'd)**

0609 310050 2001-02-01	LOWER MANNVILLE XX
0609 310051 2001-02-01	LOWER MANNVILLE YY
0609 310052 2001-02-01	LOWER MANNVILLE ZZ
0609 310101 2001-11-01	LOWER MANNVILLE AAA
0609 310102 2001-02-01	LOWER MANNVILLE BBB
0609 310103 2001-03-01	LOWER MANNVILLE CCC
0609 310104 2001-11-01	LOWER MANNVILLE DDD
0609 310105 2001-12-01	LOWER MANNVILLE EEE
0609 310106 2005-11-01	LOWER MANNVILLE FFF
0609 310108 2010-04-01	LOWER MANNVILLE HHH
0609 310109 2002-07-01	LOWER MANNVILLE III
0609 310110 2003-05-01	LOWER MANNVILLE JJJ
0609 310111 2003-10-01	LOWER MANNVILLE KKK
0609 310112 2010-04-01	LOWER MANNVILLE LLL
0609 310113 2007-03-01	LOWER MANNVILLE MMM
0609 310114 2005-09-01	LOWER MANNVILLE NNN
0609 310115 2010-04-01	LOWER MANNVILLE OOO
0609 310116 2005-09-01	LOWER MANNVILLE PPP
0609 310117 2006-04-01	LOWER MANNVILLE QQQ
0609 310118 2006-08-01	LOWER MANNVILLE RRR
0609 310119 2006-08-01	LOWER MANNVILLE SSS
0609 310120 2006-09-01	LOWER MANNVILLE TTT
0609 310121 2009-08-01	LOWER MANNVILLE UUU
0609 310122 2009-08-01	LOWER MANNVILLE VVV
0609 310123 2011-09-01	LOWER MANNVILLE WWW
0609 658001 2009-03-01	D-1 A
0609 658003 2010-04-01	D-1 C
0609 658005 2004-08-01	D-1 E
0609 658006 2009-01-01	D-1 F
0609 658007 2006-07-01	D-1 G
0609 658010 2008-08-01	D-1 J
0609 658011 2008-10-01	D-1 K
0609 658012 2008-12-01	D-1 L
0609 658013 2009-04-01	D-1 M
0609 658014 2009-08-01	D-1 N
0609 658015 2011-08-01	D-1 O

**POOL DESIGNATION (cont'd)**

0609 696001	2010-04-01	D-2 A
0609 696002	2001-02-01	D-2 B
0609 696003	2010-04-01	D-2 C
0609 696004	2001-02-01	D-2 D
0609 696005	2001-02-01	D-2 E
0609 696006	2010-04-01	D-2 F
0609 696007	2001-02-01	D-2 G
0609 696008	2010-04-01	D-2 H
0609 696009	2001-03-01	D-2 I
0609 696010	2001-02-01	D-2 J
0609 696011	2001-02-01	D-2 K
0609 696014	2010-04-01	D-2 N
0609 696015	2008-11-01	D-2 O
0609 720001	2010-04-01	D-3 A
0609 720002	2001-02-01	D-3 B
0609 720003	2001-02-01	D-3 C
0609 720005	2001-02-01	D-3 E
0609 850600	2011-05-01	MFP8506 BELLY RIVER

**SPACING PATTERN**

SU 4211	10 Aug 2004
SU 4211A	19 Nov 2004
SU 4211B	23 Nov 2004
SU 4211C	2 Dec 2004
SU 4211D	23 Feb 2005
SU 4211E	23 Mar 2005
SU 4211F	18 Apr 2005
SU 4211G	11 Jun 2005
SU 4211H	4 Aug 2005
SU 4211I	31 Aug 2005
SU 4211J	13 Dec 2005
SU 4211K	20 Jan 2006
SU 4211L	8 Mar 2006
SU 4211M	20 Mar 2006
SU 4211N	6 Apr 2006

**COMMINGLED PRODUCTION**

MU 8205	31 Oct 2011
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**CONCURRENT PRODUCTION**

App 3269	30 Mar 1981
App 3269A	7 Apr 1983
App 3269B	7 Sep 1989
App 3269C	13 Jan 1994
Upper Mannville F	
Cansearch Resources Ltd.	

**SUBSURFACE DISPOSAL SCHEMES**

App 3931      22 Aug 1983  
App 3931A    6 Feb 1989  
Class II  
Petrorep (Canada) Ltd.

App 5439A    17 Jun 2011  
Class II  
Penn West Petroleum Ltd.

App 8137      9 Apr 1997  
Class II  
Harbour Petroleum Company Limited

App 8145      24 Apr 1997  
Class II  
PanCanadian Petroleum Limited

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**MILK RIVER AREA**

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**SPACING PATTERN**

SU 2440      12 Dec 1995

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**FIELD DESIGNATION**

1164 2004-06-01                      MILLARVILLE FIELD

**POOL DESIGNATION**

1164 244001 2008-11-01              BLAIRMORE A

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**MILLS FIELD**  
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**FIELD DESIGNATION**

0568 2001-02-01                      MILLS FIELD

**POOL DESIGNATION**

0568 218001 2001-02-01            VIKING A

0568 262003 2001-02-01            GRAND RAPIDS C  
0568 262004 2001-02-01            GRAND RAPIDS D  
0568 262005 2010-04-01            GRAND RAPIDS E  
0568 262006 2001-02-01            GRAND RAPIDS F  
0568 262007 2001-02-01            GRAND RAPIDS G

**COMMINGLED PRODUCTION**

MU 6846            23 Apr 2008

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**FIELD DESIGNATION**

0614 2010-01-01 MILO FIELD

**POOL DESIGNATION**

0614 118801 2010-12-01 LOWER EDMONTON A  
0614 118802 2010-11-01 LOWER EDMONTON B

0614 134008 2008-10-01 BASAL BELLY RIVER H

0614 213001 2001-02-01 BOW ISLAND A

0614 300001 2003-09-01 GLAUCONITIC A  
0614 300002 2005-04-01 GLAUCONITIC B

0614 336001 2010-04-01 ELLERSLIE A  
0614 336003 2001-02-01 ELLERSLIE C  
0614 336004 2001-02-01 ELLERSLIE D  
0614 336005 2001-02-01 ELLERSLIE E  
0614 336006 2001-02-01 ELLERSLIE F  
0614 336007 2001-02-01 ELLERSLIE G  
0614 336008 2007-08-01 ELLERSLIE H  
0614 336010 2007-03-01 ELLERSLIE J  
0614 336013 2011-09-01 ELLERSLIE M  
0614 336014 2009-11-01 ELLERSLIE N  
0614 336016 2009-05-01 ELLERSLIE P  
0614 336018 2009-12-01 ELLERSLIE R  
0614 336020 2011-01-01 ELLERSLIE T  
0614 336021 2011-04-01 ELLERSLIE U  
0614 336024 2012-02-01 ELLERSLIE X  
0614 336025 2011-11-01 ELLERSLIE Y  
0614 336026 2011-11-01 ELLERSLIE Z  
0614 336027 2011-12-01 ELLERSLIE AA

0614 642001 2011-12-01 PEKISKO A  
0614 642002 2011-12-01 PEKISKO B

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**POOL DESIGNATION (cont'd)**

0614 850600 2011-01-01 MFP8506 BELLY RIVER

0614 854300 2011-04-01 MFP8543 BSL BELLY RIV

**SPACING PATTERN**

SU 4240 2 Dec 2004

SU 4240A 10 Aug 2005

SU 4240B 31 Oct 2005

SU 4240C 13 Dec 2005

SU 4240D 7 Sep 2007

**COMMINGLED PRODUCTION**

MU 7909 7 Jun 2011

**COMPULSORY POOLING**

P 270 30 Mar 2005

P 270A 3 May 2011

Section 27-18-24W4M

Gas from all zones to base Belly River

Compton Petroleum Corporation

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**FIELD DESIGNATION**

0646 2010-01-01 MINEHEAD FIELD

**POOL DESIGNATION**

0646 126001 2010-04-01 BELLY RIVER A

0646 126002 2005-12-01 BELLY RIVER B

0646 134001 2005-12-01 BASAL BELLY RIVER A

0646 176001 2001-02-01 CARDIUM A

0646 176017 2010-04-01 CARDIUM Q

0646 176018 2003-06-01 CARDIUM R

0646 176022 2010-04-01 CARDIUM V

0646 176028 2006-06-01 CARDIUM BB

0646 176033 2009-02-01 CARDIUM GG

0646 176034 2009-08-01 CARDIUM HH

0646 218001 2005-03-01 VIKING A

0646 218002 2005-02-01 VIKING B

0646 218003 2007-04-01 VIKING C

0646 218004 2009-03-01 VIKING D

0646 218005 2011-08-01 VIKING E

0646 250001 2010-04-01 UPPER MANNVILLE A

0646 250002 2006-06-01 UPPER MANNVILLE B

0646 250003 2006-05-01 UPPER MANNVILLE C

0646 250004 2006-07-01 UPPER MANNVILLE D

0646 250005 2006-07-01 UPPER MANNVILLE E

0646 250006 2010-04-01 UPPER MANNVILLE F

0646 250007 2010-04-01 UPPER MANNVILLE G

0646 304001 2007-01-01 BLUESKY A

0646 316002 2008-09-01 OSTRACOD B

0646 326001 2010-04-01 GETHING A

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**POOL DESIGNATION (cont'd)**

0646 326002	2006-06-01	GETHING B
0646 326003	2007-01-01	GETHING C
0646 326004	2006-08-01	GETHING D
0646 326005	2007-04-01	GETHING E
0646 348001	2006-05-01	CADOMIN A
0646 348002	2010-04-01	CADOMIN B
0646 630001	2012-02-01	TURNER VALLEY A
0646 744001	2010-04-01	BEAVERHILL LAKE A
0646 850700	2010-04-01	MFP8507 CARDIUM

**SPACING PATTERN**

SU 4121	13 Nov 2003
SU 4121A	6 Aug 2004
SU 4121B	17 Sep 2004
SU 4121C	29 Aug 2005
SU 4121D	9 Jan 2006
SU 4121E	10 Feb 2006
SU 4121F	13 Jul 2006
SU 4121G	9 Nov 2006

**COMMINGLED PRODUCTION**

MU 8298	18 Jan 2012
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**SUBSURFACE DISPOSAL SCHEMES**

App 9602A 9 Jun 2010  
Class Ib  
Suncor Energy Inc.

**FIELD DESIGNATION**

0612 2012-01-01 MINNEHIK-BUCK LAKE FIELD

**POOL DESIGNATION**

0612 064001 2005-05-01 PASKAPOO A  
0612 064002 2006-11-01 PASKAPOO B  
0612 064003 2008-02-01 PASKAPOO C  
0612 064005 2009-06-01 PASKAPOO E

0612 106001 2002-09-01 EDMONTON A  
0612 106007 2009-05-01 EDMONTON G  
0612 106009 2004-09-01 EDMONTON I  
0612 106012 2007-01-01 EDMONTON L  
0612 106020 2010-04-01 EDMONTON T  
0612 106025 2010-04-01 EDMONTON Y  
0612 106029 2007-03-01 EDMONTON CC  
0612 106030 2010-04-01 EDMONTON DD  
0612 106034 2009-01-01 EDMONTON HH  
0612 106035 2009-01-01 EDMONTON II  
0612 106036 2009-02-01 EDMONTON JJ  
0612 106037 2009-03-01 EDMONTON KK  
0612 106038 2010-04-01 EDMONTON LL  
0612 106039 2010-04-01 EDMONTON MM  
0612 106043 2010-04-01 EDMONTON QQ  
0612 106044 2010-06-01 EDMONTON RR

0612 118805 2006-11-01 LOWER EDMONTON E  
0612 118811 2007-01-01 LOWER EDMONTON K  
0612 118812 2009-08-01 LOWER EDMONTON L  
0612 118815 2010-04-01 LOWER EDMONTON O  
0612 118818 2008-09-01 LOWER EDMONTON R  
0612 118822 2009-04-01 LOWER EDMONTON V  
0612 118824 2010-04-01 LOWER EDMONTON X  
0612 118825 2010-04-01 LOWER EDMONTON Y  
0612 118831 2010-04-01 LOWER EDMONTON EE  
0612 118832 2010-04-01 LOWER EDMONTON FF

**POOL DESIGNATION (cont'd)**

0612 118833 2010-04-01	LOWER EDMONTON GG
0612 118835 2010-08-01	LOWER EDMONTON II
0612 118836 2010-12-01	LOWER EDMONTON JJ
0612 126001 2001-02-01	BELLY RIVER A
0612 126002 2001-02-01	BELLY RIVER B
0612 126004 2001-02-01	BELLY RIVER D
0612 126005 2001-02-01	BELLY RIVER E
0612 126007 2001-02-01	BELLY RIVER G
0612 126010 2001-02-01	BELLY RIVER J
0612 126013 2001-02-01	BELLY RIVER M
0612 126014 2001-02-01	BELLY RIVER N
0612 126015 2001-02-01	BELLY RIVER O
0612 126016 2001-02-01	BELLY RIVER P
0612 126017 2001-02-01	BELLY RIVER Q
0612 126020 2002-10-01	BELLY RIVER T
0612 126021 2004-01-01	BELLY RIVER U
0612 126022 2003-10-01	BELLY RIVER V
0612 126024 2008-11-01	BELLY RIVER X
0612 126025 2008-11-01	BELLY RIVER Y
0612 126026 2010-04-01	BELLY RIVER Z
0612 126027 2009-10-01	BELLY RIVER AA
0612 134001 2011-06-01	BASAL BELLY RIVER A
0612 134003 2005-07-01	BASAL BELLY RIVER C
0612 134004 2005-07-01	BASAL BELLY RIVER D
0612 176001 2010-04-01	CARDIUM A
0612 176005 2010-04-01	CARDIUM E
0612 176017 2010-04-01	CARDIUM Q
0612 176019 2009-08-01	CARDIUM S
0612 176020 2001-02-01	CARDIUM T
0612 176022 2001-03-01	CARDIUM V
0612 176023 2010-04-01	CARDIUM W
0612 176024 2008-09-01	CARDIUM X
0612 176026 2011-02-01	CARDIUM Z
0612 176027 2011-02-01	CARDIUM AA
0612 176028 2011-11-01	CARDIUM BB

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**POOL DESIGNATION (cont'd)**

0612 176029 2011-12-01	CARDIUM CC
0612 176030 2011-12-01	CARDIUM DD
0612 218001 2010-04-01	VIKING A
0612 218003 2010-04-01	VIKING C
0612 218004 2001-02-01	VIKING D
0612 218005 2001-10-01	VIKING E
0612 218006 2010-04-01	VIKING F
0612 218008 2003-07-01	VIKING H
0612 218009 2001-02-01	VIKING I
0612 218010 2001-02-01	VIKING J
0612 218011 2001-02-01	VIKING K
0612 218012 2001-02-01	VIKING L
0612 218013 2001-02-01	VIKING M
0612 218014 2002-10-01	VIKING N
0612 218015 2010-04-01	VIKING O
0612 218016 2004-02-01	VIKING P
0612 218018 2007-04-01	VIKING R
0612 250001 2004-07-01	UPPER MANNVILLE A
0612 250002 2010-04-01	UPPER MANNVILLE B
0612 250003 2007-02-01	UPPER MANNVILLE C
0612 250005 2010-04-01	UPPER MANNVILLE E
0612 250006 2010-04-01	UPPER MANNVILLE F
0612 250007 2010-01-01	UPPER MANNVILLE G
0612 250008 2010-04-01	UPPER MANNVILLE H
0612 250009 2010-04-01	UPPER MANNVILLE I
0612 250010 2010-04-01	UPPER MANNVILLE J
0612 250011 2010-02-01	UPPER MANNVILLE K
0612 250012 2010-06-01	UPPER MANNVILLE L
0612 250013 2010-08-01	UPPER MANNVILLE M
0612 250014 2011-08-01	UPPER MANNVILLE N
0612 300001 2001-02-01	GLAUCONITIC A
0612 300002 2001-03-01	GLAUCONITIC B
0612 300003 2009-10-01	GLAUCONITIC C
0612 300004 2009-10-01	GLAUCONITIC D

**POOL DESIGNATION (cont'd)**

0612 310001 2009-09-01 LOWER MANNVILLE A

0612 312001 2010-04-01 OSTRACOD A  
0612 312002 2010-04-01 OSTRACOD B  
0612 312004 2001-02-01 OSTRACOD D  
0612 312005 2001-02-01 OSTRACOD E  
0612 312006 2001-02-01 OSTRACOD F  
0612 312007 2001-02-01 OSTRACOD G  
0612 312008 2001-02-01 OSTRACOD H  
0612 312009 2001-02-01 OSTRACOD I  
0612 312010 2001-02-01 OSTRACOD J  
0612 312011 2007-05-01 OSTRACOD K  
0612 312012 2001-02-01 OSTRACOD L  
0612 312013 2001-02-01 OSTRACOD M  
0612 312014 2001-02-01 OSTRACOD N  
0612 312015 2004-04-01 OSTRACOD O  
0612 312016 2005-06-01 OSTRACOD P  
0612 312017 2005-06-01 OSTRACOD Q

0612 336001 2005-06-01 ELLERSLIE A  
0612 336002 2004-01-01 ELLERSLIE B  
0612 336003 2001-02-01 ELLERSLIE C  
0612 336004 2011-07-01 ELLERSLIE D  
0612 336006 2010-03-01 ELLERSLIE F  
0612 336008 2009-03-01 ELLERSLIE H  
0612 336009 2009-03-01 ELLERSLIE I  
0612 336010 2009-03-01 ELLERSLIE J  
0612 336011 2009-09-01 ELLERSLIE K  
0612 336012 2010-05-01 ELLERSLIE L  
0612 336013 2010-09-01 ELLERSLIE M  
0612 336014 2011-04-01 ELLERSLIE N  
0612 336015 2011-04-01 ELLERSLIE O

0612 432001 2001-02-01 ROCK CREEK A  
0612 432002 2001-03-01 ROCK CREEK B  
0612 432003 2001-08-01 ROCK CREEK C  
0612 432004 2004-07-01 ROCK CREEK D  
0612 432005 2010-10-01 ROCK CREEK E

**POOL DESIGNATION (cont'd)**

0612 432009 2009-04-01 ROCK CREEK I  
0612 432010 2006-05-01 ROCK CREEK J  
0612 432011 2007-09-01 ROCK CREEK K  
0612 432012 2007-12-01 ROCK CREEK L  
0612 432013 2008-09-01 ROCK CREEK M  
0612 432014 2008-09-01 ROCK CREEK N  
0612 432015 2008-11-01 ROCK CREEK O  
0612 432016 2010-04-01 ROCK CREEK P  
0612 432017 2010-04-01 ROCK CREEK Q  
0612 432018 2010-09-01 ROCK CREEK R

0612 446001 2010-06-01 JURASSIC A  
0612 446002 2001-02-01 JURASSIC B  
0612 446005 2004-09-01 JURASSIC E  
0612 446006 2006-12-01 JURASSIC F  
0612 446008 2002-03-01 JURASSIC H  
0612 446009 2008-05-01 JURASSIC I  
0612 446010 2011-08-01 JURASSIC J

0612 642001 2010-04-01 PEKISKO A  
0612 642003 2010-04-01 PEKISKO C

0612 644001 2001-02-01 BANFF A  
0612 644002 2001-10-01 BANFF B  
0612 644003 2002-01-01 BANFF C  
0612 644004 2002-11-01 BANFF D

0612 696001 2001-02-01 D-2 A

0612 856400 2012-01-01 MFP8564 EDMONTON

0612 856500 2010-09-01 MFP8565 LWR EDMONTON

**SPACING PATTERN**

SU 2450 20 Dec 1995

**SPACING PATTERN (cont'd)**

SU 4310      8 Feb 2006  
SU 4310A     24 Mar 2006  
SU 4310B     4 May 2006  
SU 4310C     21 Sep 2007  
SU 4310D     11 Oct 2007

**COMMINGLED PRODUCTION**

MU 7950      28 Jun 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 10058A   26 Oct 2010  
Class II  
Keyera Energy Ltd.

**COMPULSORY POOLING**

P 344          23 May 2008  
P 344A        3 Sep 2008  
P 344B        19 Mar 2009  
Section 10-45-05W5  
Edmonton Sands - Gas  
Anderson Energy Ltd.

P 345          3 Jun 2008  
P 345A        3 Sep 2008  
P 345B        19 Mar 2009  
Section 15-45-05W5  
Edmonton Sands - Gas  
Anderson Energy Ltd.

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**MINNOW FIELD**

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**FIELD DESIGNATION**

0567 2001-02-01                      MINNOW FIELD

**POOL DESIGNATION**

0567 348001 2007-07-01            CADOMIN A

**SPACING PATTERN**

SU 4296            19 Aug 2005

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**FIELD DESIGNATION**

0629 2009-05-01                      MIRAGE FIELD

**POOL DESIGNATION**

0629 190001 2001-02-01            DOE CREEK A  
0629 190003 2007-06-01            DOE CREEK C  
0629 190005 2011-06-01            DOE CREEK E

0629 192001 2010-04-01            DUNVEGAN A  
0629 192002 2003-12-01            DUNVEGAN B  
0629 192003 2007-02-01            DUNVEGAN C  
0629 192004 2006-04-01            DUNVEGAN D  
0629 192005 2004-11-01            DUNVEGAN E  
0629 192006 2005-04-01            DUNVEGAN F  
0629 192007 2007-10-01            DUNVEGAN G  
0629 192008 2005-03-01            DUNVEGAN H  
0629 192009 2005-05-01            DUNVEGAN I  
0629 192010 2005-05-01            DUNVEGAN J  
0629 192011 2005-05-01            DUNVEGAN K  
0629 192012 2005-09-01            DUNVEGAN L  
0629 192013 2007-08-01            DUNVEGAN M  
0629 192014 2005-09-01            DUNVEGAN N  
0629 192015 2005-09-01            DUNVEGAN O  
0629 192016 2007-08-01            DUNVEGAN P  
0629 192017 2008-03-01            DUNVEGAN Q  
0629 192018 2010-04-01            DUNVEGAN R  
0629 192019 2009-01-01            DUNVEGAN S  
0629 192020 2011-06-01            DUNVEGAN T

0629 230001 2010-04-01            PADDY A  
0629 230002 2002-12-01            PADDY B

0629 264001 2005-12-01            SPIRIT RIVER A  
0629 264002 2007-09-01            SPIRIT RIVER B  
0629 264003 2008-06-01            SPIRIT RIVER C  
0629 264004 2010-01-01            SPIRIT RIVER D

**POOL DESIGNATION (cont'd)**

0629 326001	2001-02-01	GETHING A
0629 326002	2004-10-01	GETHING B
0629 326003	2005-05-01	GETHING C
0629 326004	2007-09-01	GETHING D
0629 326005	2009-01-01	GETHING E
0629 348002	2001-02-01	CADOMIN B
0629 348003	2003-08-01	CADOMIN C
0629 348004	2004-12-01	CADOMIN D
0629 508001	2001-02-01	CHARLIE LAKE A
0629 508002	2002-02-01	CHARLIE LAKE B
0629 508003	2002-02-01	CHARLIE LAKE C
0629 508004	2002-12-01	CHARLIE LAKE D
0629 508005	2007-08-01	CHARLIE LAKE E
0629 516002	2010-04-01	HALFWAY B
0629 516004	2010-04-01	HALFWAY D
0629 516005	2005-03-01	HALFWAY E
0629 516006	2001-02-01	HALFWAY F
0629 516007	2005-05-01	HALFWAY G
0629 516008	2005-05-01	HALFWAY H
0629 516009	2005-05-01	HALFWAY I
0629 516010	2007-06-01	HALFWAY J

**SPACING PATTERN**

SU 2194      11 May 1995  
SU 2194A     10 Mar 1998

**COMMINGLED PRODUCTION**

MU 5114      13 Feb 2006

**ENHANCED RECOVERY SCHEMES**

App 7712A    8 Nov 2010  
Waterflood  
Halfway B  
Paramount Resources Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 4327     19 Sep 1984  
Class II  
Sulpetro Limited

**INDEX OF BOARD ORDERS**

**MIR**

**MIRAGE FIELD**

**0629**

**February 2012**

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**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 7644      20 Dec 1994

Class II

Summit Resources Limited

**INDEX OF BOARD ORDERS**

**MIS**

**MISTAHAE FIELD**  
**February 2012**

**0623**  
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**FIELD DESIGNATION**

0623 2010-02-01                      MISTAHAE FIELD

**POOL DESIGNATION**

0623 306003 2010-04-01      WABISKAW C

**SUBSURFACE DISPOSAL SCHEMES**

App 8944      26 Oct 2001  
Class II  
Anderson Exploration Ltd.

App 10951A    15 Sep 2010  
Class II  
Husky Oil Operations Limited

**INDEX OF BOARD ORDERS**

**MIS**

**MISTY FIELD**  
**February 2012**

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**FIELD DESIGNATION**

0649 2001-02-01 MISTY FIELD

**POOL DESIGNATION**

0649 134001 2010-06-01 BASAL BELLY RIVER A

0649 218001 2005-03-01 VIKING A  
0649 218002 2011-10-01 VIKING B

0649 250001 2007-07-01 UPPER MANNVILLE A  
0649 250002 2007-07-01 UPPER MANNVILLE B

0649 256001 2010-10-01 COLONY A  
0649 256002 2001-02-01 COLONY B  
0649 256003 2004-04-01 COLONY C  
0649 256004 2001-02-01 COLONY D  
0649 256005 2002-05-01 COLONY E  
0649 256006 2003-06-01 COLONY F  
0649 256007 2005-12-01 COLONY G  
0649 256008 2007-05-01 COLONY H  
0649 256010 2010-01-01 COLONY J  
0649 256011 2009-04-01 COLONY K  
0649 256012 2010-11-01 COLONY L

0649 288001 2007-01-01 REX A

0649 294001 2010-04-01 LLOYDMINSTER A  
0649 294002 2010-04-01 LLOYDMINSTER B  
0649 294003 2011-12-01 LLOYDMINSTER C

0649 302001 2001-02-01 CUMMINGS A  
0649 302002 2007-01-01 CUMMINGS B

0649 336001 2010-04-01 ELLERSLIE A

**SPACING PATTERN**

SU 4215 23 Aug 2004

**INDEX OF BOARD ORDERS**

**MIS**

**MISTY FIELD**

**0649**

**February 2012**

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**COMMINGLED PRODUCTION**

MU 6258      15 Nov 2006

**FIELD DESIGNATION**

0615 2010-11-01                    MITSUE FIELD

**POOL DESIGNATION**

0615 186001 2002-02-01        SECOND WHITE SPECKS A  
0615 186002 2009-02-01        SECOND WHITE SPECKS B  
0615 186003 2005-06-01        SECOND WHITE SPECKS C

0615 218001 2001-02-01        VIKING A  
0615 218002 2001-02-01        VIKING B  
0615 218003 2001-02-01        VIKING C  
0615 218004 2002-10-01        VIKING D  
0615 218005 2004-11-01        VIKING E

0615 250001 2001-02-01        UPPER MANNVILLE A  
0615 250002 2004-02-01        UPPER MANNVILLE B  
0615 250004 2001-02-01        UPPER MANNVILLE D  
0615 250005 2010-04-01        UPPER MANNVILLE E  
0615 250006 2001-02-01        UPPER MANNVILLE F  
0615 250007 2001-02-01        UPPER MANNVILLE G  
0615 250008 2001-02-01        UPPER MANNVILLE H  
0615 250009 2001-02-01        UPPER MANNVILLE I  
0615 250010 2009-08-01        UPPER MANNVILLE J  
0615 250011 2010-04-01        UPPER MANNVILLE K  
0615 250012 2001-02-01        UPPER MANNVILLE L  
0615 250013 2001-02-01        UPPER MANNVILLE M  
0615 250014 2001-02-01        UPPER MANNVILLE N  
0615 250015 2001-02-01        UPPER MANNVILLE O  
0615 250016 2001-10-01        UPPER MANNVILLE P  
0615 250017 2001-02-01        UPPER MANNVILLE Q  
0615 250018 2003-09-01        UPPER MANNVILLE R  
0615 250020 2001-02-01        UPPER MANNVILLE T  
0615 250021 2001-02-01        UPPER MANNVILLE U  
0615 250022 2010-04-01        UPPER MANNVILLE V  
0615 250023 2001-02-01        UPPER MANNVILLE W  
0615 250024 2001-02-01        UPPER MANNVILLE X

**POOL DESIGNATION (cont'd)**

0615 250025 2001-02-01	UPPER MANNVILLE Y
0615 250026 2001-02-01	UPPER MANNVILLE Z
0615 250027 2002-12-01	UPPER MANNVILLE AA
0615 250029 2001-02-01	UPPER MANNVILLE CC
0615 250030 2001-02-01	UPPER MANNVILLE DD
0615 250031 2010-04-01	UPPER MANNVILLE EE
0615 250032 2010-04-01	UPPER MANNVILLE FF
0615 250033 2001-02-01	UPPER MANNVILLE GG
0615 250034 2012-01-01	UPPER MANNVILLE HH
0615 250035 2001-02-01	UPPER MANNVILLE II
0615 250036 2001-02-01	UPPER MANNVILLE JJ
0615 250037 2001-02-01	UPPER MANNVILLE KK
0615 250038 2001-02-01	UPPER MANNVILLE LL
0615 250039 2001-02-01	UPPER MANNVILLE MM
0615 250040 2010-04-01	UPPER MANNVILLE NN
0615 250041 2001-02-01	UPPER MANNVILLE OO
0615 250042 2001-02-01	UPPER MANNVILLE PP
0615 250043 2004-01-01	UPPER MANNVILLE QQ
0615 250044 2001-02-01	UPPER MANNVILLE RR
0615 250045 2008-04-01	UPPER MANNVILLE SS
0615 250046 2001-02-01	UPPER MANNVILLE TT
0615 250047 2010-04-01	UPPER MANNVILLE UU
0615 250048 2006-02-01	UPPER MANNVILLE VV
0615 250049 2001-03-01	UPPER MANNVILLE WW
0615 250050 2008-11-01	UPPER MANNVILLE XX
0615 250051 2001-03-01	UPPER MANNVILLE YY
0615 250052 2005-08-01	UPPER MANNVILLE ZZ
0615 250701 2001-06-01	UPPER MANNVILLE AAA
0615 250702 2002-02-01	UPPER MANNVILLE BBB
0615 250703 2002-01-01	UPPER MANNVILLE CCC
0615 250704 2002-05-01	UPPER MANNVILLE DDD
0615 250705 2002-06-01	UPPER MANNVILLE EEE
0615 250706 2006-09-01	UPPER MANNVILLE FFF
0615 250707 2002-07-01	UPPER MANNVILLE GGG
0615 250708 2002-07-01	UPPER MANNVILLE HHH
0615 250709 2003-07-01	UPPER MANNVILLE III
0615 250710 2002-11-01	UPPER MANNVILLE JJJ
0615 250711 2007-06-01	UPPER MANNVILLE KKK

**POOL DESIGNATION (cont'd)**

0615 250712 2003-01-01	UPPER MANNVILLE LLL
0615 250713 2003-08-01	UPPER MANNVILLE MMM
0615 250714 2003-08-01	UPPER MANNVILLE NNN
0615 250715 2004-05-01	UPPER MANNVILLE OOO
0615 250716 2004-05-01	UPPER MANNVILLE PPP
0615 250717 2004-07-01	UPPER MANNVILLE QQQ
0615 250718 2004-11-01	UPPER MANNVILLE RRR
0615 250719 2005-02-01	UPPER MANNVILLE SSS
0615 250720 2010-04-01	UPPER MANNVILLE TTT
0615 250721 2010-04-01	UPPER MANNVILLE UUU
0615 250722 2005-06-01	UPPER MANNVILLE VVV
0615 250723 2005-07-01	UPPER MANNVILLE WWW
0615 250724 2006-02-01	UPPER MANNVILLE XXX
0615 250725 2006-02-01	UPPER MANNVILLE YYY
0615 250726 2007-01-01	UPPER MANNVILLE ZZZ
0615 250727 2007-01-01	UPPER MANNVILLE A2A
0615 250728 2007-06-01	UPPER MANNVILLE B2B
0615 250729 2008-11-01	UPPER MANNVILLE C2C
0615 250730 2008-09-01	UPPER MANNVILLE D2D
0615 250731 2008-10-01	UPPER MANNVILLE E2E
0615 250732 2009-09-01	UPPER MANNVILLE F2F
0615 250733 2009-03-01	UPPER MANNVILLE G2G
0615 250734 2009-09-01	UPPER MANNVILLE H2H
0615 250735 2009-10-01	UPPER MANNVILLE I2I
0615 250736 2010-04-01	UPPER MANNVILLE J2J
0615 250737 2010-05-01	UPPER MANNVILLE K2K
0615 304002 2002-07-01	BLUESKY B
0615 306004 2002-12-01	WABISKAW D
0615 306005 2001-02-01	WABISKAW E
0615 306006 2010-04-01	WABISKAW F
0615 306007 2001-02-01	WABISKAW G
0615 306008 2001-02-01	WABISKAW H
0615 306009 2001-02-01	WABISKAW I
0615 306011 2001-02-01	WABISKAW K
0615 306013 2001-02-01	WABISKAW M
0615 306014 2001-08-01	WABISKAW N

**POOL DESIGNATION (cont'd)**

0615 306015 2001-05-01	WABISKAW O
0615 306016 2002-04-01	WABISKAW P
0615 306017 2010-04-01	WABISKAW Q
0615 306018 2002-07-01	WABISKAW R
0615 306019 2002-08-01	WABISKAW S
0615 306020 2003-04-01	WABISKAW T
0615 306021 2003-07-01	WABISKAW U
0615 306022 2004-05-01	WABISKAW V
0615 306023 2006-03-01	WABISKAW W
0615 306024 2009-08-01	WABISKAW X
0615 306025 2010-06-01	WABISKAW Y
0615 310003 2010-04-01	LOWER MANNVILLE C
0615 310004 2005-12-01	LOWER MANNVILLE D
0615 310005 2007-05-01	LOWER MANNVILLE E
0615 310006 2009-09-01	LOWER MANNVILLE F
0615 316001 2007-11-01	OSTRACOD A
0615 316002 2009-01-01	OSTRACOD B
0615 326001 2001-03-01	GETHING A
0615 336001 2001-02-01	ELLERSLIE A
0615 336002 2001-02-01	ELLERSLIE B
0615 336003 2001-02-01	ELLERSLIE C
0615 336004 2006-04-01	ELLERSLIE D
0615 336005 2001-02-01	ELLERSLIE E
0615 336006 2001-02-01	ELLERSLIE F
0615 336007 2001-02-01	ELLERSLIE G
0615 336008 2001-02-01	ELLERSLIE H
0615 336009 2001-02-01	ELLERSLIE I
0615 336010 2001-03-01	ELLERSLIE J
0615 336011 2001-03-01	ELLERSLIE K
0615 336012 2006-10-01	ELLERSLIE L
0615 336013 2004-05-01	ELLERSLIE M
0615 336014 2004-11-01	ELLERSLIE N
0615 336015 2004-11-01	ELLERSLIE O
0615 336016 2004-11-01	ELLERSLIE P

**POOL DESIGNATION (cont'd)**

0615 336017 2005-01-01 ELLERSLIE Q  
0615 336018 2005-02-01 ELLERSLIE R  
0615 336019 2005-02-01 ELLERSLIE S  
0615 336020 2010-09-01 ELLERSLIE T  
0615 336021 2005-06-01 ELLERSLIE U  
0615 336022 2005-11-01 ELLERSLIE V  
0615 336023 2006-02-01 ELLERSLIE W  
0615 336024 2010-04-01 ELLERSLIE X  
0615 336025 2006-12-01 ELLERSLIE Y  
0615 336026 2007-01-01 ELLERSLIE Z  
  
0615 658001 2011-11-01 WABAMUN A  
  
0615 765501 2012-02-01 GILWOOD A  
0615 765502 2008-06-01 GILWOOD B  
0615 765506 2008-06-01 GILWOOD F  
0615 765507 2008-06-01 GILWOOD G

**SPACING PATTERN**

SU 4005 17 May 2002  
SU 4005A 24 Aug 2005

**MISCELLANEOUS ORDERS**

MISC 96006 9 Sep 1996  
MISC 96006A 19 Dec 1996  
MISC 96006B 12 May 1998  
MISC 96006C 31 May 1999

Establishing minimum pressure  
requirements

**COMMINGLED PRODUCTION**

MU 7864 18 May 2011

**ENHANCED RECOVERY SCHEMES**

App 8005B 9 Dec 2010  
Waterflood  
Gilwood A  
Chinook Energy Inc.

App 8007E 30 Jun 2011  
Waterflood  
Gilwood A  
Penn West Petroleum Ltd.

App 8008D 5 Aug 2011  
Waterflood  
Gilwood A  
Penn West Petroleum Ltd.

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 8009C 5 Aug 2011  
Waterflood  
Gilwood A  
Penn West Petroleum Ltd.

App 8013E 30 Jun 2011  
Waterflood  
Gilwood A  
Penn West Petroleum Ltd.

App 8015E 15 Jul 2005  
Waterflood  
Gilwood A  
Kingsmere Exploration Ltd.

App 8016C 15 Dec 2010  
Waterflood  
Gilwood A  
Chinook Energy Inc.

App 8020 8 Jan 1997  
App 8020A 9 Apr 1999  
App 8020B 10 Nov 1999  
App 8020C 31 May 2000  
App 8020D 18 Aug 2000  
App 8020E 3 Aug 2001  
Waterflood  
Gilwood A  
TransWorld Oil & Gas Ltd.

App 8022D 29 Sep 2011  
Waterflood  
Gilwood A  
Canadian Natural Resources Limited

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 8023A 27 Jul 2011  
Waterflood  
Gilwood A  
Canadian Natural Resources Limited

App 8024B 27 Jul 2011  
Waterflood  
Gilwood A  
Signalta Resources Limited

App 8028A 27 Jul 2011  
Waterflood  
Gilwood A  
Penn West Petroleum Ltd.

App 8473 9 Apr 1999  
App 8473A 15 Oct 1999  
Waterflood  
Gilwood A  
Slave River Exploration Ltd.

App 10007E 27 Jul 2011  
Waterflood  
Gilwood A  
Penn West Petroleum Ltd.

App 10032A 27 Jul 2011  
Waterflood  
Gilwood A  
Apache Canada Ltd.

App 11333D 5 Aug 2011  
Waterflood  
Gilwood A  
Exall Energy Corporation

**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 11664 15 Jul 2011  
Waterflood  
Gilwood A  
Exall Energy Corporation

**SUBSURFACE DISPOSAL SCHEMES**

App 7290 1 Nov 1993  
App 7290A 4 Mar 1996  
App 7290B 6 Jul 2006  
App 7290C 15 Feb 2008  
Class Ia  
Penn West Petroleum Ltd.

App 7657 8 Mar 1995  
App 7657A 5 Jul 2006  
App 7657B 15 Feb 2008  
Class Ib  
Penn West Petroleum Ltd.

App 7854 4 Mar 1996  
App 7854A 19 Dec 2005  
App 7854B 26 Jul 2006  
App 7854C 15 Feb 2008  
Class Ib  
Penn West Petroleum Ltd.

App 7938G 10 Dec 2010  
Class III Acid Gas  
Penn West Petroleum Ltd.

App 8574 10 Dec 1999  
Class II  
Devlan Exploration Inc.

**SUBSURFACE DISPOSAL SCHEMES  
(cont'd)**

App 9701 23 Feb 2004  
Class Ib  
CCS Energy Services

App 10761B 6 Oct 2011  
Class Ib  
Penn West Petroleum Ltd.

App 11126B 22 Aug 2011  
Class II  
Penn West Petroleum Ltd.

**FIELD DESIGNATION**

1167 2009-07-01                      MOBERLY FIELD

**POOL DESIGNATION**

1167 176001 2010-04-01            CARDIUM A  
1167 176008 2009-09-01            CARDIUM H  
1167 176012 2010-03-01            CARDIUM L

1167 192001 2010-04-01            DUNVEGAN A  
1167 192002 2009-09-01            DUNVEGAN B  
1167 192004 2010-04-01            DUNVEGAN D  
1167 192005 2010-03-01            DUNVEGAN E

1167 228001 2010-03-01            PEACE RIVER A

1167 264001 2010-03-01            SPIRIT RIVER A

**SPACING PATTERN**

SU 2449            20 Dec 1995

**FIELD DESIGNATION**

1169 2002-02-01            MONTAG FIELD

**POOL DESIGNATION**

1169 264001 2003-07-01    SPIRIT RIVER A

1169 264002 2001-02-01    SPIRIT RIVER B

1169 304001 2001-02-01    BLUESKY A

1169 326001 2009-09-01    GETHING A

1169 508001 2010-04-01    CHARLIE LAKE A

1169 508002 2002-04-01    CHARLIE LAKE B

1169 508003 2005-03-01    CHARLIE LAKE C

1169 508004 2009-07-01    CHARLIE LAKE D

1169 508005 2012-01-01    CHARLIE LAKE E

1169 524001 2001-02-01    MONTNEY A

1169 524002 2003-07-01    MONTNEY B

1169 524003 2004-10-01    MONTNEY C

1169 524004 2010-04-01    MONTNEY D

1169 612001 2002-02-01    DEBOLT A

**SUBSURFACE DISPOSAL SCHEMES**

App 9187B    30 Aug 2010  
Class II  
Revolution Resources Ltd.

**FIELD DESIGNATION**

1170 2007-04-01                    MONTGOMERY FIELD

**POOL DESIGNATION**

1170 176001 2005-09-01        CARDIUM A  
1170 176002 2011-09-01        CARDIUM B  
1170 176003 2010-04-01        CARDIUM C

1170 186001 2001-02-01        SECOND WHITE SPECKS A  
1170 186002 2012-02-01        SECOND WHITE SPECKS B

1170 300001 2006-01-01        GLAUCONITIC A  
1170 300002 2008-03-01        GLAUCONITIC B

1170 344001 2008-03-01        CUTBANK A

**FIELD DESIGNATION**

0902 2008-12-01 MOONEY FIELD

**POOL DESIGNATION**

0902 218001 2006-02-01 VIKING A

0902 304001 2010-04-01 BLUESKY A

0902 765501 2008-06-01 GILWOOD A

0902 773501 2008-05-01 KEG RIVER SAND A

**SPACING PATTERN**

SU 4258 11 Jan 2005

SU 4258A 27 Jun 2005

SU 4258B 25 Jan 2007

**ENHANCED RECOVERY SCHEMES**

App 11488B 13 Dec 2011

Chemical

Bluesky A

Blackpearl Resources Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 5989 21 Jun 1989

Class II

Pennzoil Petroleums Ltd.

App 10493A 25 Oct 2011

Class II

Blackpearl Resources Inc.

App 11564A 1 Mar 2011

Class Ib

Blackpearl Resources Inc.

**FIELD DESIGNATION**

0635 2006-04-01 MOONSHINE FIELD

**POOL DESIGNATION**

0635 256001 2010-04-01 COLONY A  
0635 256002 2001-02-01 COLONY B  
0635 256003 2001-02-01 COLONY C  
0635 256004 2001-03-01 COLONY D  
0635 256005 2010-04-01 COLONY E

0635 262001 2010-04-01 GRAND RAPIDS A  
0635 262003 2001-02-01 GRAND RAPIDS C  
0635 262004 2010-04-01 GRAND RAPIDS D  
0635 262005 2001-02-01 GRAND RAPIDS E  
0635 262006 2005-03-01 GRAND RAPIDS F  
0635 262007 2004-08-01 GRAND RAPIDS G  
0635 262008 2010-04-01 GRAND RAPIDS H  
0635 262009 2010-04-01 GRAND RAPIDS I  
0635 262010 2001-02-01 GRAND RAPIDS J  
0635 262011 2010-04-01 GRAND RAPIDS K  
0635 262014 2001-02-01 GRAND RAPIDS N  
0635 262015 2001-02-01 GRAND RAPIDS O  
0635 262018 2001-02-01 GRAND RAPIDS R  
0635 262019 2001-02-01 GRAND RAPIDS S  
0635 262020 2001-03-01 GRAND RAPIDS T  
0635 262021 2001-02-01 GRAND RAPIDS U  
0635 262022 2001-02-01 GRAND RAPIDS V  
0635 262023 2001-02-01 GRAND RAPIDS W  
0635 262024 2001-02-01 GRAND RAPIDS X  
0635 262025 2001-03-01 GRAND RAPIDS Y  
0635 262026 2001-03-01 GRAND RAPIDS Z  
0635 262027 2001-03-01 GRAND RAPIDS AA  
0635 262028 2001-12-01 GRAND RAPIDS BB  
0635 262029 2004-08-01 GRAND RAPIDS CC  
0635 262030 2004-08-01 GRAND RAPIDS DD  
0635 262031 2005-06-01 GRAND RAPIDS EE

**POOL DESIGNATION (cont'd)**

0635 262032 2004-12-01	GRAND RAPIDS FF
0635 262033 2007-08-01	GRAND RAPIDS GG
0635 262034 2008-04-01	GRAND RAPIDS HH
0635 268001 2010-04-01	MCLAREN A
0635 270002 2001-03-01	WASECA B
0635 270003 2005-12-01	WASECA C
0635 270004 2010-04-01	WASECA D
0635 276001 2001-11-01	SPARKY A
0635 276002 2004-06-01	SPARKY B
0635 276003 2005-04-01	SPARKY C
0635 280001 2010-04-01	CLEARWATER A
0635 302001 2001-12-01	CUMMINGS A
0635 302002 2001-02-01	CUMMINGS B
0635 302003 2010-04-01	CUMMINGS C
0635 302004 2001-02-01	CUMMINGS D

**SPACING PATTERN**

SU 2448      12 Dec 1995

**COMMINGLED PRODUCTION**

MU 1533      3 Oct 1997

**COMMON  
CARRIER/PURCHASER/PROCESSOR**

MISC 93149   27 May 1993  
Colony A

**GAS ALLOWABLE**

GA 331        27 Apr 1993

**FIELD DESIGNATION**

0731 2010-02-01            MOORE FIELD

**POOL DESIGNATION**

0731 262001 2007-07-01    GRAND RAPIDS A  
0731 262002 2001-02-01    GRAND RAPIDS B  
0731 262003 2006-06-01    GRAND RAPIDS C  
0731 262004 2010-04-01    GRAND RAPIDS D  
0731 262005 2010-04-01    GRAND RAPIDS E  
0731 262007 2001-02-01    GRAND RAPIDS G  
0731 262008 2006-01-01    GRAND RAPIDS H  
0731 262009 2007-03-01    GRAND RAPIDS I  
0731 262010 2001-08-01    GRAND RAPIDS J  
0731 262011 2002-08-01    GRAND RAPIDS K  
0731 262012 2002-08-01    GRAND RAPIDS L  
0731 262013 2002-08-01    GRAND RAPIDS M  
0731 262014 2002-08-01    GRAND RAPIDS N  
0731 262015 2004-07-01    GRAND RAPIDS O  
0731 262016 2007-08-01    GRAND RAPIDS P  
0731 262017 2008-06-01    GRAND RAPIDS Q

0731 268001 2002-10-01    MCLAREN A  
0731 268002 2006-04-01    MCLAREN B

0731 280002 2010-04-01    CLEARWATER B

0731 306001 2001-02-01    WABISKAW A

**SPACING PATTERN**

SU 4297            24 Aug 2005  
SU 4297A          23 Feb 2007

**SUBSURFACE DISPOSAL SCHEMES**

App 4776          15 Jan 1986  
App 4776A        7 Mar 1986  
Class II  
Dome Petroleum Limited

**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 4786 15 Jan 1986

App 4786A 8 Apr 1986

Class II

Suncor Inc.

App 10453A 16 Jan 2012

Class II

Canadian Natural Resources Limited

**FIELD DESIGNATION**

0618 2010-02-01                      MOOSE FIELD

**POOL DESIGNATION**

0618 610001 2010-04-01              RUNDLE A  
0618 610002 2001-02-01              RUNDLE B  
0618 610003 2010-05-01              RUNDLE C  
0618 610004 2006-01-01              RUNDLE D  
0618 610005 2010-04-01              RUNDLE E  
0618 610006 2004-02-01              RUNDLE F  
0618 610007 2005-07-01              RUNDLE G  
0618 610008 2006-12-01              RUNDLE H

0618 658001 2010-04-01              WABAMUN A  
0618 658002 2004-11-01              WABAMUN B

**SPACING PATTERN**

SU 2704              15 Mar 1996  
SU 2704A             4 Apr 2007

**COMMINGLED PRODUCTION**

MU 1565              6 Jan 1998

**FIELD DESIGNATION**

0619 2002-02-01                    MORGAN FIELD

**POOL DESIGNATION**

0619 256002 2001-02-01        COLONY B  
0619 256003 2001-02-01        COLONY C  
0619 256004 2001-02-01        COLONY D  
0619 256005 2010-04-01        COLONY E  
0619 256006 2001-10-01        COLONY F  
0619 256007 2007-06-01        COLONY G  
0619 256008 2010-04-01        COLONY H  
0619 256009 2007-07-01        COLONY I  
0619 256010 2009-03-01        COLONY J  
0619 256011 2009-05-01        COLONY K

0619 268001 2007-06-01        MCLAREN A  
0619 268002 2005-05-01        MCLAREN B

0619 276001 2010-04-01        SPARKY A  
0619 276003 2001-02-01        SPARKY C  
0619 276004 2011-08-01        SPARKY D  
0619 276005 2002-12-01        SPARKY E  
0619 276006 2002-02-01        SPARKY F  
0619 276007 2004-05-01        SPARKY G  
0619 276008 2005-08-01        SPARKY H  
0619 276009 2006-12-01        SPARKY I  
0619 276010 2006-09-01        SPARKY J  
0619 276011 2007-05-01        SPARKY K  
0619 276012 2007-06-01        SPARKY L  
0619 276013 2007-06-01        SPARKY M  
0619 276015 2009-04-01        SPARKY O  
0619 276016 2009-04-01        SPARKY P  
0619 276017 2009-08-01        SPARKY Q  
0619 276018 2010-02-01        SPARKY R

0619 286001 2008-03-01        GENERAL PETROLEUM A

**POOL DESIGNATION (cont'd)**

0619 288001 2010-04-01 REX A  
  
0619 294001 2011-01-01 LLOYDMINSTER A  
0619 294005 2002-12-01 LLOYDMINSTER E  
0619 294007 2010-06-01 LLOYDMINSTER G  
  
0619 302001 2004-05-01 CUMMINGS A  
0619 302002 2011-10-01 CUMMINGS B  
  
0619 322001 2001-02-01 DINA A  
0619 322002 2001-02-01 DINA B  
0619 322003 2003-12-01 DINA C  
0619 322004 2005-07-01 DINA D  
0619 322005 2008-10-01 DINA E  
0619 322006 2008-10-01 DINA F  
0619 322007 2010-02-01 DINA G  
0619 322008 2011-09-01 DINA H

**SPACING PATTERN**

SU 2916 12 Jan 1999  
SU 2916A 14 Sep 2000  
SU 2916B 3 Jan 2001  
SU 2916C 22 Dec 2003  
SU 2916D 10 Jun 2004  
SU 2916E 17 Jan 2005

**MISCELLANEOUS ORDERS**

MISC 6505 27 Aug 1965  
MISC 6505A 23 Nov 1965  
Exempt-distance requirements heavy oil

**COMMINGLED PRODUCTION**

MU 2093 5 Oct 2000

**SUBSURFACE DISPOSAL SCHEMES**

App 8086A 15 Dec 2011  
Class II  
Canadian Natural Resources Limited

App 9050 20 Mar 2002  
Class II  
Nexen Canada Ltd.

App 10522A 13 Jan 2012  
Class II  
Bonavista Energy Corporation

**FIELD DESIGNATION**

0620 2007-06-01 MORINVILLE FIELD

**POOL DESIGNATION**

0620 126001 2001-02-01 BELLY RIVER A  
0620 126002 2001-02-01 BELLY RIVER B  
0620 126003 2006-09-01 BELLY RIVER C

0620 134001 2011-07-01 BASAL BELLY RIVER A

0620 218001 2001-02-01 VIKING A  
0620 218002 2001-02-01 VIKING B  
0620 218003 2001-02-01 VIKING C  
0620 218004 2001-02-01 VIKING D  
0620 218005 2001-02-01 VIKING E  
0620 218006 2001-02-01 VIKING F

0620 250001 2001-02-01 UPPER MANNVILLE A  
0620 250002 2001-02-01 UPPER MANNVILLE B  
0620 250003 2001-02-01 UPPER MANNVILLE C  
0620 250004 2001-02-01 UPPER MANNVILLE D  
0620 250005 2001-02-01 UPPER MANNVILLE E  
0620 250006 2001-02-01 UPPER MANNVILLE F  
0620 250007 2001-02-01 UPPER MANNVILLE G  
0620 250008 2001-02-01 UPPER MANNVILLE H  
0620 250009 2001-02-01 UPPER MANNVILLE I  
0620 250010 2004-08-01 UPPER MANNVILLE J  
0620 250011 2001-02-01 UPPER MANNVILLE K  
0620 250012 2001-02-01 UPPER MANNVILLE L  
0620 250013 2001-02-01 UPPER MANNVILLE M  
0620 250014 2001-02-01 UPPER MANNVILLE N  
0620 250015 2001-08-01 UPPER MANNVILLE O  
0620 250016 2002-05-01 UPPER MANNVILLE P  
0620 250017 2002-08-01 UPPER MANNVILLE Q  
0620 250018 2004-11-01 UPPER MANNVILLE R  
0620 250019 2007-04-01 UPPER MANNVILLE S

**POOL DESIGNATION (cont'd)**

0620 250020 2010-04-01 UPPER MANNVILLE T  
0620 250021 2007-07-01 UPPER MANNVILLE U  
0620 250022 2008-05-01 UPPER MANNVILLE V  
0620 250023 2008-06-01 UPPER MANNVILLE W  
0620 250024 2009-05-01 UPPER MANNVILLE X  
0620 250025 2009-08-01 UPPER MANNVILLE Y  
0620 250026 2010-11-01 UPPER MANNVILLE Z  
0620 250027 2011-01-01 UPPER MANNVILLE AA

0620 310001 2010-04-01 LOWER MANNVILLE A  
0620 310002 2001-02-01 LOWER MANNVILLE B  
0620 310003 2001-02-01 LOWER MANNVILLE C  
0620 310004 2001-02-01 LOWER MANNVILLE D  
0620 310005 2010-04-01 LOWER MANNVILLE E  
0620 310006 2001-02-01 LOWER MANNVILLE F  
0620 310007 2001-02-01 LOWER MANNVILLE G  
0620 310008 2001-02-01 LOWER MANNVILLE H  
0620 310009 2001-02-01 LOWER MANNVILLE I  
0620 310010 2001-02-01 LOWER MANNVILLE J  
0620 310011 2001-02-01 LOWER MANNVILLE K  
0620 310012 2001-02-01 LOWER MANNVILLE L  
0620 310013 2001-02-01 LOWER MANNVILLE M  
0620 310014 2005-04-01 LOWER MANNVILLE N  
0620 310015 2001-02-01 LOWER MANNVILLE O  
0620 310016 2001-02-01 LOWER MANNVILLE P  
0620 310017 2001-02-01 LOWER MANNVILLE Q  
0620 310018 2001-02-01 LOWER MANNVILLE R  
0620 310019 2010-04-01 LOWER MANNVILLE S  
0620 310020 2001-02-01 LOWER MANNVILLE T  
0620 310021 2001-02-01 LOWER MANNVILLE U  
0620 310022 2001-02-01 LOWER MANNVILLE V  
0620 310023 2010-04-01 LOWER MANNVILLE W  
0620 310024 2001-02-01 LOWER MANNVILLE X  
0620 310025 2001-02-01 LOWER MANNVILLE Y  
0620 310026 2001-02-01 LOWER MANNVILLE Z  
0620 310027 2001-02-01 LOWER MANNVILLE AA  
0620 310028 2001-02-01 LOWER MANNVILLE BB  
0620 310029 2001-02-01 LOWER MANNVILLE CC

**POOL DESIGNATION (cont'd)**

0620 310030	2001-02-01	LOWER MANNVILLE DD
0620 310031	2001-02-01	LOWER MANNVILLE EE
0620 310032	2001-02-01	LOWER MANNVILLE FF
0620 310033	2004-01-01	LOWER MANNVILLE GG
0620 310034	2010-04-01	LOWER MANNVILLE HH
0620 310035	2001-02-01	LOWER MANNVILLE II
0620 310036	2010-04-01	LOWER MANNVILLE JJ
0620 310037	2001-02-01	LOWER MANNVILLE KK
0620 310038	2001-02-01	LOWER MANNVILLE LL
0620 310039	2001-03-01	LOWER MANNVILLE MM
0620 310040	2001-03-01	LOWER MANNVILLE NN
0620 310041	2001-11-01	LOWER MANNVILLE OO
0620 310042	2001-07-01	LOWER MANNVILLE PP
0620 310043	2001-10-01	LOWER MANNVILLE QQ
0620 310044	2002-05-01	LOWER MANNVILLE RR
0620 310045	2002-06-01	LOWER MANNVILLE SS
0620 310046	2002-11-01	LOWER MANNVILLE TT
0620 310047	2004-02-01	LOWER MANNVILLE UU
0620 310048	2004-05-01	LOWER MANNVILLE VV
0620 310049	2004-06-01	LOWER MANNVILLE WW
0620 310050	2006-07-01	LOWER MANNVILLE XX
0620 310051	2006-09-01	LOWER MANNVILLE YY
0620 310052	2006-09-01	LOWER MANNVILLE ZZ
0620 310101	2006-09-01	LOWER MANNVILLE AAA
0620 310102	2007-06-01	LOWER MANNVILLE BBB
0620 310103	2010-10-01	LOWER MANNVILLE CCC
0620 310104	2008-10-01	LOWER MANNVILLE DDD
0620 658001	2001-02-01	D-1 A
0620 658002	2001-02-01	D-1 B
0620 658003	2010-04-01	D-1 C
0620 658004	2007-07-01	D-1 D
0620 720001	2001-02-01	D-3 A
0620 720002	2010-04-01	D-3 B
0620 720003	2001-10-01	D-3 C
0620 720005	2001-02-01	D-3 E
0620 720007	2001-02-01	D-3 G

**POOL DESIGNATION (cont'd)**

0620 720008 2001-02-01 D-3 H  
0620 720009 2010-04-01 D-3 I  
0620 720010 2001-02-01 D-3 J  
0620 720011 2001-02-01 D-3 K  
0620 720012 2001-02-01 D-3 L  
0620 720013 2001-02-01 D-3 M  
0620 720014 2001-02-01 D-3 N  
0620 720015 2001-02-01 D-3 O  
0620 720017 2002-03-01 D-3 Q  
0620 720018 2008-01-01 D-3 R  
0620 720019 2009-02-01 D-3 S

**SPACING PATTERN**

SU 2345 10 Oct 1995  
SU 2345A 5 Mar 1998  
SU 2345B 25 Aug 2000

**COMMINGLED PRODUCTION**

MU 5599 12 May 2006

**SUBSURFACE DISPOSAL SCHEMES**

App 6639 20 Dec 1991  
App 6639A 5 Oct 1992  
App 6639B 8 Jan 2008  
Class Ia  
PanWestern Energy Inc.

App 7070 13 Jul 1993  
App 7070A 10 Mar 1995  
Class Ia  
Newalta Corporation

App 7272 22 Nov 1994  
Class II  
Poco Petroleum Ltd.

**SUBSURFACE DISPOSAL SCHEMES  
(cont'd)**

App 7514 18 Jul 1994  
App 7514A 15 Dec 1999  
Class II  
Fortune Energy Inc.

App 8262 6 Jan 1998  
Class II  
Provost Petroleum Ltd.

App 9976 5 Aug 2004  
Class II  
Response Energy Corp.

App 9977A 8 Aug 2011  
Class II  
Regco Petroleum Ltd.

App 10249 2 Sep 2005  
Class Ia  
Newalta Corporation

**SUBSURFACE DISPOSAL SCHEMES  
(cont'd)**

App 10819B 20 Jul 2010  
Class II and III  
Penn West Petroleum Ltd.

**COMPULSORY POOLING**

P 92 17 Mar 1988  
P 92A 24 Jan 1997  
Gas Production/Section 25-55-25W4M  
Viking & Glauconitic  
Petro Reef Resources Ltd.

P 177 8 Apr 1999  
Gas  
Sec 30-54-25 W4M  
Ellerslie  
Tier One Energy Corp.

P 200 20 Nov 2000  
P 200A 24 Feb 2009  
Gas -Ellerslie  
Sec 21-55-25 W4M  
Penn West Petroleum Ltd.

P 228 26 Sep 2002  
Gas - Belly River, Ostracod, Ellerslie  
Sec 12-54-26-W4M  
Petrobank Energy and Resources Ltd.

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**MORLEY FIELD**  
**February 2012**

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**FIELD DESIGNATION**

0622 2002-02-01 MORLEY FIELD

**POOL DESIGNATION**

0622 610001 2010-04-01 RUNDLE A  
0622 610002 2002-02-01 RUNDLE B

**FIELD DESIGNATION**

0725 2010-12-01 MORNINGSIDE FIELD

**POOL DESIGNATION**

0725 106002 2010-04-01 EDMONTON B

0725 118801 2010-04-01 LOWER EDMONTON A  
0725 118802 2010-05-01 LOWER EDMONTON B  
0725 118803 2009-03-01 LOWER EDMONTON C  
0725 118804 2011-05-01 LOWER EDMONTON D

0725 126003 2011-03-01 BELLY RIVER C  
0725 126007 2005-08-01 BELLY RIVER G  
0725 126008 2010-04-01 BELLY RIVER H  
0725 126010 2011-05-01 BELLY RIVER J  
0725 126011 2009-11-01 BELLY RIVER K  
0725 126012 2011-04-01 BELLY RIVER L  
0725 126013 2011-06-01 BELLY RIVER M

0725 134001 2005-07-01 BASAL BELLY RIVER A  
0725 134002 2009-06-01 BASAL BELLY RIVER B  
0725 134003 2005-07-01 BASAL BELLY RIVER C  
0725 134005 2010-04-01 BASAL BELLY RIVER E  
0725 134006 2011-05-01 BASAL BELLY RIVER F

0725 218001 2010-04-01 VIKING A

0725 250001 2001-02-01 UPPER MANNVILLE A  
0725 250002 2003-10-01 UPPER MANNVILLE B  
0725 250003 2003-10-01 UPPER MANNVILLE C  
0725 250004 2005-06-01 UPPER MANNVILLE D  
0725 250005 2010-04-01 UPPER MANNVILLE E  
0725 250006 2006-01-01 UPPER MANNVILLE F  
0725 250007 2006-02-01 UPPER MANNVILLE G  
0725 250008 2007-02-01 UPPER MANNVILLE H  
0725 250009 2008-04-01 UPPER MANNVILLE I

**POOL DESIGNATION (cont'd)**

0725 250010 2010-04-01	UPPER MANNVILLE J
0725 250011 2011-07-01	UPPER MANNVILLE K
0725 300001 2001-02-01	GLAUCONITIC A
0725 300003 2001-02-01	GLAUCONITIC C
0725 300004 2010-04-01	GLAUCONITIC D
0725 300005 2001-02-01	GLAUCONITIC E
0725 300006 2001-02-01	GLAUCONITIC F
0725 300007 2003-05-01	GLAUCONITIC G
0725 300008 2001-02-01	GLAUCONITIC H
0725 300009 2001-12-01	GLAUCONITIC I
0725 300010 2002-09-01	GLAUCONITIC J
0725 300011 2005-06-01	GLAUCONITIC K
0725 300012 2010-04-01	GLAUCONITIC L
0725 300013 2007-01-01	GLAUCONITIC M
0725 300014 2005-07-01	GLAUCONITIC N
0725 300015 2007-02-01	GLAUCONITIC O
0725 300017 2006-07-01	GLAUCONITIC Q
0725 300018 2010-04-01	GLAUCONITIC R
0725 300019 2010-04-01	GLAUCONITIC S
0725 300020 2008-04-01	GLAUCONITIC T
0725 300021 2009-12-01	GLAUCONITIC U
0725 300022 2010-05-01	GLAUCONITIC V
0725 316001 2001-10-01	OSTRACOD A
0725 316002 2001-02-01	OSTRACOD B
0725 336001 2010-04-01	ELLERSLIE A
0725 336002 2010-04-01	ELLERSLIE B
0725 336003 2001-02-01	ELLERSLIE C
0725 336004 2001-02-01	ELLERSLIE D
0725 336005 2001-02-01	ELLERSLIE E
0725 336006 2010-04-01	ELLERSLIE F
0725 336007 2001-02-01	ELLERSLIE G
0725 336008 2001-02-01	ELLERSLIE H
0725 336009 2001-02-01	ELLERSLIE I
0725 336010 2001-02-01	ELLERSLIE J
0725 336011 2001-02-01	ELLERSLIE K

**POOL DESIGNATION (cont'd)**

0725 336012 2001-02-01 ELLERSLIE L  
0725 336013 2001-02-01 ELLERSLIE M  
0725 336014 2010-04-01 ELLERSLIE N  
0725 336015 2001-02-01 ELLERSLIE O  
0725 336016 2001-02-01 ELLERSLIE P  
0725 336017 2003-11-01 ELLERSLIE Q  
0725 336018 2010-04-01 ELLERSLIE R  
0725 336019 2005-06-01 ELLERSLIE S  
0725 336020 2005-10-01 ELLERSLIE T  
0725 336021 2006-11-01 ELLERSLIE U  
0725 336022 2006-06-01 ELLERSLIE V  
0725 336025 2008-02-01 ELLERSLIE Y  
0725 336026 2008-10-01 ELLERSLIE Z

0725 350001 2005-12-01 DETRITAL A

**SPACING PATTERN**

SU 2364 31 Oct 1995  
SU 2364A 25 Jan 1996  
SU 2364B 27 Feb 1996  
SU 2364C 11 Jul 1996  
SU 2364D 26 Mar 2005  
SU 2364E 19 Aug 2005  
SU 2364F 15 Sep 2005  
SU 2364G 14 Dec 2005  
SU 2364H 2 Mar 2006  
SU 2364I 26 May 2006

**COMPULSORY POOLING**

P 271 22 Apr 2005  
Section 3-41-27W4M  
Edmonton/Belly River Gas  
Compass Petroleum Inc.  
  
P 283 13 Sep 2005  
P 283A 17 Mar 2011  
Section 19-42-27W4M  
Mannville Gas  
Bonavista Energy Corporation

**COMMINGLED PRODUCTION**

MU 8199 31 Oct 2011

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**MOUNTAIN FIELD**  
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**FIELD DESIGNATION**

0625 2003-12-01            MOUNTAIN FIELD

**POOL DESIGNATION**

0625 218001 2008-03-01    VIKING A

0625 296001 2001-02-01    LUSCAR A

0625 348001 2011-02-01    CADOMIN A

0625 348003 2002-05-01    CADOMIN C

0625 408001 2001-02-01    NIKANASSIN A

0625 500001 2010-04-01    TRIASSIC A

0625 500003 2010-04-01    TRIASSIC C

0625 500004 2004-08-01    TRIASSIC D

0625 630001 2010-04-01    TURNER VALLEY A

0625 630003 2005-09-01    TURNER VALLEY C

**SPACING PATTERN**

SU 2702            13 Mar 1996

**COMMINGLED PRODUCTION**

MU 1894            30 Mar 2000

**FIELD DESIGNATION**

0647 2009-04-01 MULLIGAN FIELD

**POOL DESIGNATION**

0647 192001 2007-10-01 DUNVEGAN A  
0647 192002 2004-10-01 DUNVEGAN B  
0647 192003 2008-06-01 DUNVEGAN C  
0647 192004 2008-11-01 DUNVEGAN D

0647 230001 2003-12-01 PADDY A

0647 264001 2003-09-01 SPIRIT RIVER A

0647 266001 2001-02-01 NOTIKEWIN A  
0647 266002 2006-07-01 NOTIKEWIN B  
0647 266003 2007-06-01 NOTIKEWIN C

0647 304001 2007-07-01 BLUESKY A  
0647 304002 2004-01-01 BLUESKY B  
0647 304004 2005-08-01 BLUESKY D  
0647 304005 2007-03-01 BLUESKY E  
0647 304006 2007-08-01 BLUESKY F  
0647 304007 2008-06-01 BLUESKY G

0647 326001 2001-02-01 GETHING A  
0647 326002 2001-02-01 GETHING B  
0647 326003 2001-02-01 GETHING C  
0647 326004 2001-02-01 GETHING D  
0647 326005 2001-02-01 GETHING E  
0647 326006 2001-02-01 GETHING F  
0647 326007 2004-01-01 GETHING G  
0647 326008 2002-11-01 GETHING H  
0647 326009 2003-01-01 GETHING I  
0647 326010 2003-02-01 GETHING J  
0647 326011 2003-03-01 GETHING K  
0647 326012 2003-05-01 GETHING L

**POOL DESIGNATION (cont'd)**

0647 326013 2003-07-01	GETHING M
0647 326014 2004-01-01	GETHING N
0647 326015 2006-08-01	GETHING O
0647 326016 2007-06-01	GETHING P
0647 326017 2009-02-01	GETHING Q
0647 348001 2001-05-01	CADOMIN A
0647 506001 2007-07-01	BALDONNEL A
0647 508001 2001-02-01	CHARLIE LAKE A
0647 508002 2010-04-01	CHARLIE LAKE B
0647 508003 2010-04-01	CHARLIE LAKE C
0647 508004 2001-02-01	CHARLIE LAKE D
0647 508005 2001-03-01	CHARLIE LAKE E
0647 508006 2001-03-01	CHARLIE LAKE F
0647 508007 2008-04-01	CHARLIE LAKE G
0647 508008 2008-08-01	CHARLIE LAKE H
0647 508009 2008-02-01	CHARLIE LAKE I
0647 508010 2009-07-01	CHARLIE LAKE J
0647 508011 2009-07-01	CHARLIE LAKE K
0647 516001 2010-04-01	HALFWAY A
0647 516002 2001-02-01	HALFWAY B
0647 516003 2001-02-01	HALFWAY C
0647 516004 2001-02-01	HALFWAY D
0647 516005 2007-06-01	HALFWAY E
0647 516006 2007-11-01	HALFWAY F
0647 516007 2007-11-01	HALFWAY G
0647 520001 2008-03-01	DOIG A
0647 524001 2011-03-01	MONTNEY A
0647 605001 2002-12-01	TAYLOR FLAT A
0647 606001 2001-02-01	KISKATINAW A
0647 606002 2001-02-01	KISKATINAW B

**POOL DESIGNATION (cont'd)**

0647 606003 2010-04-01	KISKATINAW C
0647 606004 2001-02-01	KISKATINAW D
0647 606005 2001-02-01	KISKATINAW E
0647 606006 2001-02-01	KISKATINAW F
0647 606007 2001-02-01	KISKATINAW G
0647 606008 2001-02-01	KISKATINAW H
0647 606009 2001-02-01	KISKATINAW I
0647 606010 2001-03-01	KISKATINAW J
0647 606011 2002-01-01	KISKATINAW K
0647 606012 2007-05-01	KISKATINAW L
0647 606013 2002-12-01	KISKATINAW M
0647 606014 2004-07-01	KISKATINAW N
0647 606015 2004-07-01	KISKATINAW O
0647 606016 2010-04-01	KISKATINAW P
0647 606017 2010-04-01	KISKATINAW Q
0647 606018 2008-09-01	KISKATINAW R
0647 606019 2008-09-01	KISKATINAW S
0647 606020 2006-06-01	KISKATINAW T
0647 606021 2008-09-01	KISKATINAW U
0647 606022 2006-10-01	KISKATINAW V
0647 606023 2010-04-01	KISKATINAW W
0647 606024 2008-09-01	KISKATINAW X
0647 606025 2007-06-01	KISKATINAW Y
0647 606026 2007-06-01	KISKATINAW Z
0647 606027 2007-08-01	KISKATINAW AA
0647 606028 2007-07-01	KISKATINAW BB
0647 606029 2007-10-01	KISKATINAW CC
0647 612001 2010-04-01	DEBOLT A

**SPACING PATTERN**

SU 2863      13 Mar 1998  
SU 2863A     26 Nov 2003

**COMMINGLED PRODUCTION**

MU 6856      2 May 2008

**ENHANCED RECOVERY SCHEMES**

App 8235C    7 May 2007  
Waterflood  
Charlie Lake B  
Montello Resources Ltd.

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**MULLIGAN FIELD**

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**SUBSURFACE DISPOSAL SCHEMES**

App 8543B 3 Jul 2010  
Class III Acid Gas  
Spectra Energy Midstream Corporation

App 10112 2 Nov 2004  
Class II  
Extreme Energy Corporation

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**MUR**

**MURIEL LAKE FIELD**  
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**FIELD DESIGNATION**

0630 2004-01-01                    MURIEL LAKE FIELD

**POOL DESIGNATION**

0630 218001 2001-02-01        VIKING A  
0630 218002 2001-02-01        VIKING B  
0630 218003 2001-02-01        VIKING C

0630 248001 2010-04-01        MANNVILLE A  
0630 248002 2001-02-01        MANNVILLE B  
0630 248004 2001-02-01        MANNVILLE D  
0630 248005 2011-05-01        MANNVILLE E

0630 256001 2010-04-01        COLONY A  
0630 256002 2001-02-01        COLONY B  
0630 256003 2001-02-01        COLONY C  
0630 256004 2001-03-01        COLONY D  
0630 256005 2001-03-01        COLONY E  
0630 256006 2001-12-01        COLONY F  
0630 256007 2004-01-01        COLONY G  
0630 256008 2006-02-01        COLONY H

0630 262001 2010-04-01        GRAND RAPIDS A

0630 270001 2007-07-01        WASECA A

**SPACING PATTERN**

SU 2701            7 Mar 1996

**COMMINGLED PRODUCTION**

MU 1339           2 Jul 1996

**FIELD DESIGNATION**

0648 2001-02-01            MUSIDORA FIELD

**POOL DESIGNATION**

0648 218001 2001-10-01    VIKING A  
0648 218002 2001-02-01    VIKING B  
0648 218004 2001-02-01    VIKING D  
0648 218005 2001-02-01    VIKING E

0648 250001 2001-02-01    UPPER MANNVILLE A  
0648 250002 2001-02-01    UPPER MANNVILLE B

0648 256001 2007-06-01    COLONY A  
0648 256002 2001-02-01    COLONY B  
0648 256003 2010-04-01    COLONY C  
0648 256004 2010-04-01    COLONY D  
0648 256005 2004-02-01    COLONY E  
0648 256006 2008-10-01    COLONY F  
0648 256007 2011-10-01    COLONY G

0648 276001 2001-02-01    SPARKY A

0648 286001 2001-03-01    GENERAL PETROLEUM A

0648 302001 2001-02-01    CUMMINGS A  
0648 302002 2006-02-01    CUMMINGS B

0648 322001 2006-02-01    DINA A

**COMMINGLED PRODUCTION**

MU 747            24 Nov 1989

**FIELD DESIGNATION**

1178 2009-11-01 MUSKWA FIELD

**POOL DESIGNATION**

1178 280001 2002-05-01 CLEARWATER A  
1178 280003 2003-06-01 CLEARWATER C  
1178 280004 2003-06-01 CLEARWATER D  
1178 280005 2010-04-01 CLEARWATER E  
1178 280007 2003-07-01 CLEARWATER G  
1178 280010 2006-05-01 CLEARWATER J  
1178 280011 2006-05-01 CLEARWATER K  
1178 280012 2007-06-01 CLEARWATER L  
1178 280013 2007-06-01 CLEARWATER M  
1178 280014 2008-09-01 CLEARWATER N  
1178 280015 2008-07-01 CLEARWATER O  
1178 280016 2011-08-01 CLEARWATER P

1178 306002 2001-03-01 WABISKAW B  
1178 306003 2010-04-01 WABISKAW C  
1178 306004 2001-08-01 WABISKAW D  
1178 306005 2010-04-01 WABISKAW E  
1178 306006 2002-06-01 WABISKAW F  
1178 306007 2003-02-01 WABISKAW G

1178 328001 2003-03-01 MCMURRAY A

1178 658001 2011-09-01 WABAMUN A  
1178 658002 2010-04-01 WABAMUN B  
1178 658013 2002-02-01 WABAMUN M  
1178 658014 2002-04-01 WABAMUN N  
1178 658015 2003-06-01 WABAMUN O  
1178 658016 2004-01-01 WABAMUN P

1178 680001 2010-02-01 BLUERIDGE A  
1178 680003 2001-03-01 BLUERIDGE C

**POOL DESIGNATION (cont'd)**

1178 696001	2001-02-01	NISKU A
1178 696002	2001-02-01	NISKU B
1178 696003	2001-02-01	NISKU C
1178 696005	2010-04-01	NISKU E

**COMMINGLED PRODUCTION**

MU 6507      8 Mar 2007

**SUBSURFACE DISPOSAL SCHEMES**

App 8208      7 Oct 1997  
Class II  
Northstar Energy Corporation

App 8852      29 Jun 2001  
Class II  
Northstar Energy Corporation

App 9129      27 Jun 2002  
Class II  
Husky Oil Operations Limited

**FIELD DESIGNATION**

0701 2001-02-01                      MYSTERY FIELD

**POOL DESIGNATION**

0701 336001 2007-07-01            ELLERSLIE A

**SPACING PATTERN**

SU 4166            15 Apr 2004  
SU 4166A           4 Oct 2007