

**INDEX OF BOARD ORDERS**

**WAB**

**WABASCA AREA**

**1288**

**February 2012**

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**SUBSURFACE DISPOSAL SCHEMES**

App 3842      1 Jun 1983  
Class II  
Gulf Canada Resources Inc.

**FIELD DESIGNATION**

0928 2010-09-01                    WAINWRIGHT FIELD

**POOL DESIGNATION**

0928 160001 2004-12-01        COLORADO A

0928 202001 2005-05-01        FISH SCALE A  
0928 202002 2005-11-01        FISH SCALE B

0928 211001 2010-04-01        LOWER COLORADO A  
0928 211002 2010-04-01        LOWER COLORADO B  
0928 211003 2010-04-01        LOWER COLORADO C  
0928 211004 2005-03-01        LOWER COLORADO D  
0928 211005 2010-04-01        LOWER COLORADO E  
0928 211006 2010-04-01        LOWER COLORADO F  
0928 211007 2010-04-01        LOWER COLORADO G  
0928 211008 2010-04-01        LOWER COLORADO H  
0928 211009 2006-07-01        LOWER COLORADO I  
0928 211010 2008-06-01        LOWER COLORADO J  
0928 211011 2006-07-01        LOWER COLORADO K  
0928 211012 2007-11-01        LOWER COLORADO L  
0928 211013 2011-02-01        LOWER COLORADO M  
0928 211014 2008-12-01        LOWER COLORADO N  
0928 211015 2010-05-01        LOWER COLORADO O  
0928 211016 2010-10-01        LOWER COLORADO P  
0928 211017 2010-10-01        LOWER COLORADO Q

0928 218004 2001-02-01        VIKING D  
0928 218005 2001-02-01        VIKING E  
0928 218007 2001-02-01        VIKING G  
0928 218009 2006-04-01        VIKING I  
0928 218010 2009-04-01        VIKING J  
0928 218013 2002-03-01        VIKING M  
0928 218014 2010-04-01        VIKING N  
0928 218018 2006-05-01        VIKING R  
0928 218019 2008-06-01        VIKING S

**POOL DESIGNATION (cont'd)**

0928 218021 2007-11-01	VIKING U
0928 218022 2007-11-01	VIKING V
0928 218025 2010-04-01	VIKING Y
0928 218026 2010-04-01	VIKING Z
0928 250001 2008-12-01	UPPER MANNVILLE A
0928 256000 2010-04-01	COLONY
0928 256002 2001-02-01	COLONY B
0928 256003 2010-04-01	COLONY C
0928 256004 2001-02-01	COLONY D
0928 256007 2001-02-01	COLONY G
0928 256016 2005-06-01	COLONY P
0928 256018 2001-02-01	COLONY R
0928 256019 2001-02-01	COLONY S
0928 256022 2010-04-01	COLONY V
0928 256023 2010-04-01	COLONY W
0928 256025 2001-02-01	COLONY Y
0928 256026 2001-02-01	COLONY Z
0928 256027 2001-02-01	COLONY AA
0928 256028 2001-02-01	COLONY BB
0928 256029 2001-10-01	COLONY CC
0928 256030 2001-02-01	COLONY DD
0928 256031 2001-02-01	COLONY EE
0928 256032 2006-06-01	COLONY FF
0928 256034 2001-02-01	COLONY HH
0928 256035 2001-02-01	COLONY II
0928 256036 2010-04-01	COLONY JJ
0928 256037 2001-11-01	COLONY KK
0928 256038 2001-02-01	COLONY LL
0928 256039 2001-02-01	COLONY MM
0928 256040 2001-02-01	COLONY NN
0928 256041 2001-02-01	COLONY OO
0928 256042 2001-02-01	COLONY PP
0928 256043 2001-02-01	COLONY QQ
0928 256044 2001-02-01	COLONY RR
0928 256045 2001-02-01	COLONY SS
0928 256046 2001-02-01	COLONY TT

**POOL DESIGNATION (cont'd)**

0928 256047 2001-02-01	COLONY UU
0928 256048 2001-02-01	COLONY VV
0928 256049 2001-02-01	COLONY WW
0928 256050 2001-02-01	COLONY XX
0928 256051 2001-02-01	COLONY YY
0928 256052 2010-04-01	COLONY ZZ
0928 256401 2001-02-01	COLONY AAA
0928 256402 2001-02-01	COLONY BBB
0928 256403 2001-02-01	COLONY CCC
0928 256404 2001-02-01	COLONY DDD
0928 256405 2001-02-01	COLONY EEE
0928 256406 2001-02-01	COLONY FFF
0928 256407 2001-02-01	COLONY GGG
0928 256408 2001-02-01	COLONY HHH
0928 256409 2001-02-01	COLONY III
0928 256410 2001-02-01	COLONY JJJ
0928 256411 2001-02-01	COLONY KKK
0928 256412 2001-02-01	COLONY LLL
0928 256413 2001-02-01	COLONY MMM
0928 256414 2001-02-01	COLONY NNN
0928 256415 2001-02-01	COLONY OOO
0928 256416 2001-02-01	COLONY PPP
0928 256417 2001-02-01	COLONY QQQ
0928 256418 2001-02-01	COLONY RRR
0928 256419 2001-02-01	COLONY SSS
0928 256420 2001-02-01	COLONY TTT
0928 256421 2001-02-01	COLONY UUU
0928 256422 2001-02-01	COLONY VVV
0928 256423 2001-02-01	COLONY WWW
0928 256424 2001-02-01	COLONY XXX
0928 256425 2001-02-01	COLONY YYY
0928 256426 2001-02-01	COLONY ZZZ
0928 256427 2001-02-01	COLONY A2A
0928 256428 2001-02-01	COLONY B2B
0928 256429 2001-02-01	COLONY C2C
0928 256430 2010-04-01	COLONY D2D
0928 256431 2001-02-01	COLONY E2E
0928 256432 2001-10-01	COLONY F2F

**POOL DESIGNATION (cont'd)**

0928 256433	2001-02-01	COLONY G2G
0928 256434	2010-04-01	COLONY H2H
0928 256435	2001-02-01	COLONY I2I
0928 256436	2001-02-01	COLONY J2J
0928 256438	2001-02-01	COLONY L2L
0928 256439	2001-02-01	COLONY M2M
0928 256440	2001-02-01	COLONY N2N
0928 256441	2001-02-01	COLONY O2O
0928 256442	2001-02-01	COLONY P2P
0928 256443	2001-02-01	COLONY Q2Q
0928 256444	2001-03-01	COLONY R2R
0928 256445	2010-04-01	COLONY S2S
0928 256446	2001-12-01	COLONY T2T
0928 256447	2002-03-01	COLONY U2U
0928 256448	2002-08-01	COLONY V2V
0928 256449	2003-02-01	COLONY W2W
0928 256450	2010-04-01	COLONY X2X
0928 256451	2003-04-01	COLONY Y2Y
0928 256452	2003-12-01	COLONY Z2Z
0928 258701	2004-02-01	COLONY A3A
0928 258702	2010-04-01	COLONY B3B
0928 258703	2005-06-01	COLONY C3C
0928 258704	2005-07-01	COLONY D3D
0928 258705	2006-06-01	COLONY E3E
0928 258706	2007-08-01	COLONY F3F
0928 258707	2008-05-01	COLONY G3G
0928 258708	2008-10-01	COLONY H3H
0928 258709	2010-12-01	COLONY I3I
0928 268001	2001-02-01	MCLAREN A
0928 268002	2001-02-01	MCLAREN B
0928 268003	2009-01-01	MCLAREN C
0928 276002	2010-04-01	SPARKY B
0928 276003	2001-02-01	SPARKY C
0928 276005	2001-02-01	SPARKY E
0928 276006	2001-02-01	SPARKY F
0928 276007	2010-04-01	SPARKY G

**POOL DESIGNATION (cont'd)**

0928 276014 2001-02-01	SPARKY N
0928 276016 2001-02-01	SPARKY P
0928 276018 2001-02-01	SPARKY R
0928 276024 2001-02-01	SPARKY X
0928 276025 2001-02-01	SPARKY Y
0928 276026 2011-10-01	SPARKY Z
0928 276027 2003-08-01	SPARKY AA
0928 276028 2001-02-01	SPARKY BB
0928 276029 2001-02-01	SPARKY CC
0928 276030 2001-02-01	SPARKY DD
0928 276031 2001-02-01	SPARKY EE
0928 276032 2001-02-01	SPARKY FF
0928 276033 2001-02-01	SPARKY GG
0928 276034 2003-03-01	SPARKY HH
0928 276035 2004-02-01	SPARKY II
0928 276036 2004-03-01	SPARKY JJ
0928 276037 2005-07-01	SPARKY KK
0928 276038 2007-11-01	SPARKY LL
0928 276039 2009-05-01	SPARKY MM
0928 276040 2009-07-01	SPARKY NN
0928 278000 2011-11-01	WAINWRIGHT
0928 286001 2001-02-01	GENERAL PETROLEUM A
0928 286002 2001-02-01	GENERAL PETROLEUM B
0928 286003 2001-02-01	GENERAL PETROLEUM C
0928 286004 2011-08-01	GENERAL PETROLEUM D
0928 288001 2001-02-01	REX A
0928 288002 2005-01-01	REX B
0928 288003 2010-04-01	REX C
0928 288004 2010-04-01	REX D
0928 288005 2011-05-01	REX E
0928 294001 2001-02-01	LLOYDMINSTER A
0928 294002 2001-02-01	LLOYDMINSTER B
0928 294003 2001-02-01	LLOYDMINSTER C
0928 294004 2001-02-01	LLOYDMINSTER D

**POOL DESIGNATION (cont'd)**

0928 294005 2001-02-01 LLOYDMINSTER E  
0928 294006 2001-02-01 LLOYDMINSTER F  
0928 294007 2001-02-01 LLOYDMINSTER G  
0928 294008 2008-05-01 LLOYDMINSTER H  
0928 294009 2011-09-01 LLOYDMINSTER I

0928 350002 2001-02-01 DETRITAL B

0928 696001 2001-02-01 NISKU A  
0928 696005 2001-02-01 NISKU E  
0928 696006 2001-02-01 NISKU F  
0928 696007 2001-02-01 NISKU G

0928 708001 2010-04-01 CAMROSE A

0928 851800 2010-10-01 MFP8518 U&M VIKING

**SPACING PATTERN**

SU 4021 27 Aug 2002  
SU 4021A 25 Oct 2002  
SU 4021B 30 May 2003  
SU 4021C 5 Sep 2003  
SU 4021D 22 May 2007

**COMMINGLED PRODUCTION**

MU 7536 5 Oct 2010

**ENHANCED RECOVERY SCHEMES**

App 1856D 15 Dec 2010  
Waterflood  
Wainwright and Sparky A  
Equal Energy Corp.

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

App 1887H 29 Jun 2009  
Waterflood  
Wainwright  
Husky Oil Operations Limited  
App 7464F 9 Nov 2009  
Waterflood  
Wainwright  
Husky Oil Operations Limited

App 3380 13 Oct 1981  
App 3380A 12 Sep 1985  
App 3380B 11 Apr 1986  
App 3380C 15 Nov 1990  
Waterflood  
Wainwright  
Halvar Resources Ltd.

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

App 3509G 8 Sep 2009  
Waterflood  
Wainwright  
Penn West Petroleum Ltd.

App 3541 21 May 1982  
App 3541A 20 Oct 1995  
Waterflood  
Wainwright  
Husky Oil Operations Ltd.

App 3551C 8 Sep 2010  
Waterflood  
Wainwright  
Penn West Petroleum Ltd.

App 3553F 12 May 2009  
Waterflood  
Wainwright  
Penn West Petroleum Ltd.

App 3554C 27 Aug 2010  
Waterflood  
Wainwright  
Penn West Petroleum Ltd.

App 3572L 19 Mar 2010  
Waterflood  
Wainwright  
Penn West Petroleum Ltd.

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

App 3728 16 Dec 1982  
App 3728A 23 Sep 1985  
App 3728B 28 Feb 1986  
App 3728C 20 Oct 1995  
Waterflood  
Wainwright  
Husky Oil Operations Ltd.

App 3773 23 Feb 1983  
App 3773A 2 Apr 1985  
App 3773B 11 Aug 1986  
App 3773C 15 Nov 1990  
Waterflood  
Wainwright  
Halvar Resources Ltd.

App 3873C 8 Nov 2009  
Waterflood  
Wainwright  
Husky Oil Operations Limited

App 3874 20 Jul 1983  
Waterflood  
Wainwright C  
Husky Oil Operations Ltd.

App 3877 20 Jul 1983  
Waterflood  
Wainwright  
Husky Oil Operations Ltd.

App 3914H 9 Nov 2009  
Waterflood  
Wainwright  
Husky Oil Operations Limited

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

App 3915B 31 Jul 2009  
Waterflood  
Wainwright  
Husky Oil Operations Limited

App 3958 27 Sep 1983  
App 3958A 22 Dec 1983  
App 3958B 24 Jan 1985  
App 3958C 27 Nov 1987  
App 3958D 3 Oct 1990  
App 3958E 20 Jun 2000  
Waterflood  
Wainwright  
Enermark Inc.

App 4199 29 May 1984  
App 4199A 7 Nov 1985  
Waterflood  
Wainwright  
Husky Oil Operations Ltd.

App 4301 31 Aug 1984  
App 4301A 6 Nov 1996  
App 4301B 27 Jan 2000  
Waterflood  
Wainwright and Sparky A  
Husky Oil Operations Ltd.

App 4303F 9 Nov 2009  
Waterflood  
Wainwright  
Husky Oil Operations Limited

App 4370 31 Oct 1984  
Waterflood  
Sparky J  
Husky Oil Operations Ltd.

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

App 4569C 15 Dec 2010  
Waterflood  
Wainwright  
Equal Energy Corp.

App 4585B 15 Dec 2010  
Waterflood  
Wainwright  
Equal Energy Corp.

App 4588H 9 Nov 2009  
Waterflood  
Wainwright  
Husky Oil Operations Limited

App 4819 28 Feb 1986  
App 4819A 26 Aug 1986  
App 4819B 10 Nov 1987  
Waterflood  
Wainwright  
Husky Oil Operations Ltd.

App 4941C 10 Sep 2009  
Waterflood  
Wainwright and Sparky Z  
Halvar Resources Ltd.

App 5080 25 Sep 1986  
Waterflood  
Wainwright  
Depar Management Ltd.

App 5108G 9 Mar 2010  
Waterflood  
Wainwright  
Penn West Petroleum Ltd.

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

App 5324 22 May 1987  
Waterflood  
Wainwright  
Husky Oil Operations Ltd.

App 5423 23 Sep 1987  
Waterflood  
Wainwright  
Husky Oil Operations Ltd.

App 5445D 10 Sep 2009  
Waterflood  
Wainwright  
Penn West Petroleum Ltd.

App 5636 5 Apr 1988  
Waterflood  
Sparky A  
Husky Oil Operations Ltd.

App 6074 16 Oct 1989  
Waterflood  
Wainwright and Sparky A  
Halvar Resources Ltd.

App 6352 15 Nov 1990  
Waterflood  
Wainwright  
Halvar Resources Ltd.

App 7267 6 Aug 1993  
Waterflood  
Wainwright and Sparky A  
Halvar Resources Ltd.

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

App 7464F 9 Nov 2009  
Waterflood  
Wainwright  
Husky Oil Operations Limited

App 9721B 26 Oct 2010  
Waterflood  
Wainwright B  
Penn West Petroleum Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 4967 10 Sep 1986  
Class II  
Bow Valley Industries Ltd.

App 5767 26 Sep 1988  
Class II  
Newalta Corporation

App 7174 28 Apr 1993  
Class II  
Piute Petroleums Limited

App 7893 12 Feb 1996  
Class II  
Depar Management Ltd.

**COMPULSORY POOLING**

P 40 29 Dec 1976

P 44 3 May 1978  
Compass Resources Ltd.

P 49 8 Apr 1980  
Trans-Canada Resources Ltd.

**COMPULSORY POOLING (cont'd)**

P 74            19 Jun 1985  
Lsd 15-19-45-6 W4M  
Oil from Wainwright  
Husky Oil Operations Ltd.

P 159           10 Mar 1997  
P 159A        20 Mar 2000  
Sec 13-45-7W4M  
Viking & Mannville Gas  
Penn West Petroleum Ltd.

P 171           21 Oct 1998  
P 171A        19 Apr 2001  
P 171B        15 Apr 2008  
Sec 15-45-7 W4M  
Gas from all zones to base of L.Glauc.  
Penn West Petroleum Ltd.

P 189           13 Mar 2000

P 189A        25 Feb 2011

P 189B        27 Sep 2011  
Endurance Energy Ltd.  
Sec 7-44-5 W4M  
Gas/All zones to Base Nisku

P 190           13 Mar 2000

P 190A        25 Feb 2011

P 190B        27 Sep 2011  
Endurance Energy Ltd.  
Northwest quarter of  
Sec 7-44-5 W4M  
Oil/All zones to Base Nisku

**COMPULSORY POOLING (cont'd)**

P 315           14 Mar 2007  
Gas from all zones to base of Viking  
Section 13-44-6W4M  
  
Can-Able Energy Ltd.

P 316           14 Mar 2007  
Sec 13-44-6W4M  
Gas from all zones of the Viking formation  
Can-Able Energy Ltd.

P 323           13 Jun 2007  
Sec 15-44-6W4M  
Gas from all zones below the base Viking  
formation to the base of the Mannville  
Group  
Can-Able Energy Ltd.

**FIELD DESIGNATION**

0995 2009-07-01                      WANYANDIE FIELD

**POOL DESIGNATION**

0995 176001 2001-02-01            CARDIUM A  
0995 176002 2001-02-01            CARDIUM B  
0995 176003 2001-02-01            CARDIUM C  
0995 176004 2002-03-01            CARDIUM D  
0995 176005 2010-05-01            CARDIUM E  
0995 176009 2010-04-01            CARDIUM I  
0995 176010 2010-04-01            CARDIUM J  
0995 176011 2009-10-01            CARDIUM K

0995 190001 2010-04-01            DOE CREEK A  
0995 190002 2011-06-01            DOE CREEK B  
0995 190004 2011-02-01            DOE CREEK D  
0995 190005 2011-10-01            DOE CREEK E

0995 192001 2010-04-01            DUNVEGAN A  
0995 192002 2010-06-01            DUNVEGAN B  
0995 192003 2010-04-01            DUNVEGAN C  
0995 192007 2011-06-01            DUNVEGAN G  
0995 192008 2010-05-01            DUNVEGAN H  
0995 192011 2010-05-01            DUNVEGAN K  
0995 192012 2009-03-01            DUNVEGAN L  
0995 192013 2009-07-01            DUNVEGAN M  
0995 192015 2010-04-01            DUNVEGAN O  
0995 192018 2010-04-01            DUNVEGAN R  
0995 192019 2010-06-01            DUNVEGAN S  
0995 192020 2011-02-01            DUNVEGAN T

0995 232002 2011-05-01            CADOTTE B  
0995 232006 2010-05-01            CADOTTE F  
0995 232009 2011-08-01            CADOTTE I  
0995 232012 2009-07-01            CADOTTE L  
0995 232013 2010-04-01            CADOTTE M

**POOL DESIGNATION (cont'd)**

0995 232014	2011-06-01	CADOTTE N
0995 232015	2010-04-01	CADOTTE O
0995 232017	2010-06-01	CADOTTE Q
0995 232018	2010-06-01	CADOTTE R
0995 266001	2011-10-01	NOTIKEWIN A
0995 271501	2011-05-01	FALHER A
0995 271502	2010-05-01	FALHER B
0995 271506	2011-06-01	FALHER F
0995 271507	2010-04-01	FALHER G
0995 271509	2009-07-01	FALHER I
0995 271510	2010-04-01	FALHER J
0995 271511	2010-04-01	FALHER K
0995 271515	2011-02-01	FALHER O
0995 271516	2011-02-01	FALHER P
0995 271517	2010-06-01	FALHER Q
0995 304001	2010-03-01	BLUESKY A
0995 304002	2010-06-01	BLUESKY B
0995 326001	2010-07-01	GETHING A
0995 326003	2010-04-01	GETHING C
0995 326008	2010-11-01	GETHING H
0995 326011	2011-06-01	GETHING K
0995 326012	2010-04-01	GETHING L
0995 326013	2010-05-01	GETHING M
0995 326015	2009-10-01	GETHING O
0995 326017	2011-02-01	GETHING Q
0995 326018	2010-06-01	GETHING R
0995 348001	2006-04-01	CADOMIN A
0995 348002	2010-04-01	CADOMIN B
0995 348003	2011-09-01	CADOMIN C
0995 524001	2011-02-01	MONTNEY A
0995 524002	2012-02-01	MONTNEY B

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**WAN**

**WANYANDIE FIELD**

**0995**

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**COMMINGLED PRODUCTION**

MU 8227      25 Nov 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 11709    21 Oct 2011

Class Ib

Celtic Exploration Ltd.

**FIELD DESIGNATION**

0953 2011-12-01                      WAPITI FIELD

**POOL DESIGNATION**

0953 126002 2003-04-01      BELLY RIVER B  
0953 126003 2001-02-01      BELLY RIVER C  
0953 126006 2001-02-01      BELLY RIVER F  
0953 126007 2004-06-01      BELLY RIVER G  
0953 126009 2002-02-01      BELLY RIVER I  
0953 126010 2003-02-01      BELLY RIVER J  
0953 126011 2003-02-01      BELLY RIVER K  
0953 126012 2003-02-01      BELLY RIVER L  
0953 126013 2003-07-01      BELLY RIVER M  
0953 126014 2010-04-01      BELLY RIVER N  
0953 126015 2010-04-01      BELLY RIVER O  
0953 126016 2005-11-01      BELLY RIVER P  
0953 126017 2005-08-01      BELLY RIVER Q  
0953 126018 2010-04-01      BELLY RIVER R  
0953 126019 2010-04-01      BELLY RIVER S  
0953 126020 2006-08-01      BELLY RIVER T  
0953 126021 2006-08-01      BELLY RIVER U  
0953 126022 2006-10-01      BELLY RIVER V  
0953 126023 2006-10-01      BELLY RIVER W  
0953 126024 2006-10-01      BELLY RIVER X  
0953 126025 2007-02-01      BELLY RIVER Y  
0953 126026 2007-11-01      BELLY RIVER Z  
0953 126027 2010-04-01      BELLY RIVER AA  
0953 126029 2009-03-01      BELLY RIVER CC  
0953 126030 2009-03-01      BELLY RIVER DD  
0953 126031 2008-12-01      BELLY RIVER EE  
0953 126032 2009-03-01      BELLY RIVER FF  
0953 126033 2009-08-01      BELLY RIVER GG  
0953 126036 2009-09-01      BELLY RIVER JJ  
0953 126037 2010-04-01      BELLY RIVER KK  
0953 126038 2010-04-01      BELLY RIVER LL  
0953 126039 2010-04-01      BELLY RIVER MM

**POOL DESIGNATION (cont'd)**

0953 126040 2010-04-01	BELLY RIVER NN
0953 126041 2010-04-01	BELLY RIVER OO
0953 126042 2010-04-01	BELLY RIVER PP
0953 126043 2010-04-01	BELLY RIVER QQ
0953 126044 2010-04-01	BELLY RIVER RR
0953 126045 2010-04-01	BELLY RIVER SS
0953 126046 2010-04-01	BELLY RIVER TT
0953 126047 2010-04-01	BELLY RIVER UU
0953 126048 2010-04-01	BELLY RIVER VV
0953 126049 2009-12-01	BELLY RIVER WW
0953 126050 2010-01-01	BELLY RIVER XX
0953 126051 2010-08-01	BELLY RIVER YY
0953 126052 2010-10-01	BELLY RIVER ZZ
0953 126301 2010-11-01	BELLY RIVER AAA
0953 126302 2011-12-01	BELLY RIVER BBB
0953 126303 2011-12-01	BELLY RIVER CCC
0953 126304 2012-01-01	BELLY RIVER DDD
0953 126305 2011-12-01	BELLY RIVER EEE
0953 134001 2010-09-01	BASAL BELLY RIVER A
0953 134002 2010-04-01	BASAL BELLY RIVER B
0953 134003 2009-12-01	BASAL BELLY RIVER C
0953 134004 2009-12-01	BASAL BELLY RIVER D
0953 134005 2012-02-01	BASAL BELLY RIVER E
0953 134006 2010-04-01	BASAL BELLY RIVER F
0953 134008 2011-12-01	BASAL BELLY RIVER H
0953 154002 2009-09-01	CHINOOK B
0953 154003 2010-04-01	CHINOOK C
0953 154006 2008-10-01	CHINOOK F
0953 166001 2011-09-01	BADHEART A
0953 176001 2012-02-01	CARDIUM A
0953 176002 2010-08-01	CARDIUM B
0953 176003 2001-10-01	CARDIUM C
0953 176005 2001-02-01	CARDIUM E
0953 176006 2009-11-01	CARDIUM F

**POOL DESIGNATION (cont'd)**

0953 176008 2011-02-01	CARDIUM H
0953 176014 2008-12-01	CARDIUM N
0953 176015 2009-02-01	CARDIUM O
0953 176016 2009-03-01	CARDIUM P
0953 176017 2009-03-01	CARDIUM Q
0953 176019 2011-04-01	CARDIUM S
0953 176020 2010-11-01	CARDIUM T
0953 176021 2011-05-01	CARDIUM U
0953 176022 2011-05-01	CARDIUM V
0953 176023 2011-09-01	CARDIUM W
0953 176024 2011-06-01	CARDIUM X
0953 176025 2011-12-01	CARDIUM Y
0953 176026 2011-11-01	CARDIUM Z
0953 176027 2011-11-01	CARDIUM AA
0953 176028 2012-01-01	CARDIUM BB
0953 176029 2011-12-01	CARDIUM CC
0953 192002 2010-04-01	DUNVEGAN B
0953 192005 2001-02-01	DUNVEGAN E
0953 192006 2010-04-01	DUNVEGAN F
0953 192008 2010-11-01	DUNVEGAN H
0953 192009 2006-02-01	DUNVEGAN I
0953 192010 2006-10-01	DUNVEGAN J
0953 192014 2009-08-01	DUNVEGAN N
0953 192017 2011-02-01	DUNVEGAN Q
0953 192018 2011-03-01	DUNVEGAN R
0953 192019 2011-09-01	DUNVEGAN S
0953 230001 2001-02-01	PADDY A
0953 230003 2003-01-01	PADDY C
0953 230004 2003-05-01	PADDY D
0953 230005 2010-04-01	PADDY E
0953 230006 2006-01-01	PADDY F
0953 230007 2010-04-01	PADDY G
0953 230008 2007-12-01	PADDY H
0953 230009 2007-12-01	PADDY I
0953 230010 2008-01-01	PADDY J
0953 230011 2010-04-01	PADDY K

**POOL DESIGNATION (cont'd)**

0953 230012 2011-05-01	PADDY L
0953 230013 2011-11-01	PADDY M
0953 232001 2010-04-01	CADOTTE A
0953 232002 2011-02-01	CADOTTE B
0953 232006 2010-04-01	CADOTTE F
0953 232009 2010-04-01	CADOTTE I
0953 232011 2001-02-01	CADOTTE K
0953 232012 2010-04-01	CADOTTE L
0953 232013 2001-02-01	CADOTTE M
0953 232014 2001-02-01	CADOTTE N
0953 232016 2011-09-01	CADOTTE P
0953 232017 2010-04-01	CADOTTE Q
0953 232018 2010-12-01	CADOTTE R
0953 232021 2010-04-01	CADOTTE U
0953 232024 2011-08-01	CADOTTE X
0953 232025 2011-08-01	CADOTTE Y
0953 232027 2011-12-01	CADOTTE AA
0953 232028 2002-02-01	CADOTTE BB
0953 232029 2011-03-01	CADOTTE CC
0953 232030 2010-04-01	CADOTTE DD
0953 232031 2002-05-01	CADOTTE EE
0953 232032 2002-09-01	CADOTTE FF
0953 232033 2011-11-01	CADOTTE GG
0953 232035 2010-02-01	CADOTTE II
0953 232036 2003-08-01	CADOTTE JJ
0953 232037 2010-09-01	CADOTTE KK
0953 232040 2006-02-01	CADOTTE NN
0953 232044 2010-02-01	CADOTTE RR
0953 232047 2005-02-01	CADOTTE UU
0953 232048 2005-08-01	CADOTTE VV
0953 232051 2011-08-01	CADOTTE YY
0953 232052 2010-04-01	CADOTTE ZZ
0953 233204 2010-04-01	CADOTTE DDD
0953 233205 2006-10-01	CADOTTE EEE
0953 233207 2010-04-01	CADOTTE GGG
0953 233210 2010-04-01	CADOTTE JJJ
0953 233213 2010-04-01	CADOTTE MMM

**POOL DESIGNATION (cont'd)**

0953 233214 2007-12-01	CADOTTE NNN
0953 233218 2010-04-01	CADOTTE RRR
0953 233219 2008-05-01	CADOTTE SSS
0953 233225 2009-03-01	CADOTTE YYY
0953 233227 2009-02-01	CADOTTE A2A
0953 233228 2010-04-01	CADOTTE B2B
0953 233229 2009-12-01	CADOTTE C2C
0953 233230 2010-05-01	CADOTTE D2D
0953 233231 2010-10-01	CADOTTE E2E
0953 233232 2011-03-01	CADOTTE F2F
0953 264001 2010-04-01	SPIRIT RIVER A
0953 264002 2010-10-01	SPIRIT RIVER B
0953 266003 2001-02-01	NOTIKEWIN C
0953 266004 2010-04-01	NOTIKEWIN D
0953 266005 2010-04-01	NOTIKEWIN E
0953 266006 2008-05-01	NOTIKEWIN F
0953 266007 2011-07-01	NOTIKEWIN G
0953 266008 2001-02-01	NOTIKEWIN H
0953 266010 2001-02-01	NOTIKEWIN J
0953 266011 2010-09-01	NOTIKEWIN K
0953 266014 2001-02-01	NOTIKEWIN N
0953 266015 2001-02-01	NOTIKEWIN O
0953 266016 2001-02-01	NOTIKEWIN P
0953 266017 2010-04-01	NOTIKEWIN Q
0953 266018 2001-02-01	NOTIKEWIN R
0953 266020 2001-02-01	NOTIKEWIN T
0953 266021 2001-02-01	NOTIKEWIN U
0953 266022 2010-04-01	NOTIKEWIN V
0953 266026 2010-04-01	NOTIKEWIN Z
0953 266029 2011-08-01	NOTIKEWIN CC
0953 266030 2004-08-01	NOTIKEWIN DD
0953 266034 2002-04-01	NOTIKEWIN HH
0953 266036 2004-04-01	NOTIKEWIN JJ
0953 266037 2004-03-01	NOTIKEWIN KK
0953 266038 2004-09-01	NOTIKEWIN LL
0953 266039 2010-04-01	NOTIKEWIN MM

**POOL DESIGNATION (cont'd)**

0953 266041	2004-10-01	NOTIKEWIN OO
0953 266042	2004-12-01	NOTIKEWIN PP
0953 266043	2010-04-01	NOTIKEWIN QQ
0953 266044	2006-01-01	NOTIKEWIN RR
0953 266045	2006-09-01	NOTIKEWIN SS
0953 266046	2010-04-01	NOTIKEWIN TT
0953 266047	2010-04-01	NOTIKEWIN UU
0953 266048	2010-04-01	NOTIKEWIN VV
0953 266049	2009-03-01	NOTIKEWIN WW
0953 266050	2006-01-01	NOTIKEWIN XX
0953 266051	2006-08-01	NOTIKEWIN YY
0953 266052	2007-06-01	NOTIKEWIN ZZ
0953 267803	2007-02-01	NOTIKEWIN CCC
0953 267804	2011-07-01	NOTIKEWIN DDD
0953 267805	2008-01-01	NOTIKEWIN EEE
0953 267806	2008-01-01	NOTIKEWIN FFF
0953 267808	2010-04-01	NOTIKEWIN HHH
0953 267809	2010-04-01	NOTIKEWIN III
0953 267811	2011-02-01	NOTIKEWIN KKK
0953 267812	2011-01-01	NOTIKEWIN LLL
0953 267813	2011-03-01	NOTIKEWIN MMM
0953 267814	2011-02-01	NOTIKEWIN NNN
0953 267815	2010-10-01	NOTIKEWIN OOO
0953 271502	2011-07-01	FALHER B
0953 271503	2011-10-01	FALHER C
0953 271505	2010-09-01	FALHER E
0953 271506	2010-07-01	FALHER F
0953 271507	2007-10-01	FALHER G
0953 271508	2012-01-01	FALHER H
0953 271509	2010-10-01	FALHER I
0953 271511	2010-04-01	FALHER K
0953 271512	2011-09-01	FALHER L
0953 271513	2007-10-01	FALHER M
0953 271514	2010-09-01	FALHER N
0953 271515	2007-10-01	FALHER O
0953 271516	2007-10-01	FALHER P
0953 271517	2011-03-01	FALHER Q

**POOL DESIGNATION (cont'd)**

0953 271518 2010-04-01	FALHER R
0953 271519 2010-04-01	FALHER S
0953 271520 2010-04-01	FALHER T
0953 271521 2007-10-01	FALHER U
0953 271522 2010-04-01	FALHER V
0953 271523 2007-10-01	FALHER W
0953 271524 2010-04-01	FALHER X
0953 271525 2007-10-01	FALHER Y
0953 271526 2010-04-01	FALHER Z
0953 271527 2007-10-01	FALHER AA
0953 271528 2008-09-01	FALHER BB
0953 271536 2010-04-01	FALHER JJ
0953 271537 2010-04-01	FALHER KK
0953 271538 2008-02-01	FALHER LL
0953 271539 2008-02-01	FALHER MM
0953 271540 2008-08-01	FALHER NN
0953 271541 2009-01-01	FALHER OO
0953 271542 2010-04-01	FALHER PP
0953 271545 2009-01-01	FALHER SS
0953 271546 2010-04-01	FALHER TT
0953 271547 2010-04-01	FALHER UU
0953 271548 2010-04-01	FALHER VV
0953 271550 2010-04-01	FALHER XX
0953 271551 2009-12-01	FALHER YY
0953 271552 2011-02-01	FALHER ZZ
0953 273902 2010-11-01	FALHER BBB
0953 273903 2011-03-01	FALHER CCC
0953 273904 2011-06-01	FALHER DDD
0953 273905 2011-09-01	FALHER EEE
0953 273906 2011-09-01	FALHER FFF
0953 273907 2011-11-01	FALHER GGG
0953 304001 2012-01-01	BLUESKY A
0953 304002 2002-02-01	BLUESKY B
0953 304003 2011-08-01	BLUESKY C
0953 304004 2002-05-01	BLUESKY D
0953 304006 2002-09-01	BLUESKY F
0953 304007 2010-01-01	BLUESKY G

**POOL DESIGNATION (cont'd)**

0953 304009 2010-04-01	BLUESKY I
0953 304011 2010-12-01	BLUESKY K
0953 304014 2010-04-01	BLUESKY N
0953 304015 2010-04-01	BLUESKY O
0953 304017 2010-04-01	BLUESKY Q
0953 304018 2010-04-01	BLUESKY R
0953 304020 2005-04-01	BLUESKY T
0953 304023 2008-05-01	BLUESKY W
0953 304027 2010-04-01	BLUESKY AA
0953 304028 2010-09-01	BLUESKY BB
0953 304030 2008-01-01	BLUESKY DD
0953 304031 2010-04-01	BLUESKY EE
0953 304032 2010-04-01	BLUESKY FF
0953 304033 2010-04-01	BLUESKY GG
0953 304034 2011-09-01	BLUESKY HH
0953 304035 2011-01-01	BLUESKY II
0953 304036 2011-05-01	BLUESKY JJ
0953 304037 2011-06-01	BLUESKY KK
0953 326001 2005-06-01	GETHING A
0953 326002 2001-02-01	GETHING B
0953 326003 2011-01-01	GETHING C
0953 326004 2010-07-01	GETHING D
0953 326005 2009-07-01	GETHING E
0953 326007 2010-04-01	GETHING G
0953 326013 2010-04-01	GETHING M
0953 326016 2010-04-01	GETHING P
0953 326019 2010-04-01	GETHING S
0953 326020 2011-10-01	GETHING T
0953 326021 2007-11-01	GETHING U
0953 326024 2010-04-01	GETHING X
0953 326028 2003-10-01	GETHING BB
0953 326029 2003-12-01	GETHING CC
0953 326030 2011-07-01	GETHING DD
0953 326031 2010-04-01	GETHING EE
0953 326033 2009-05-01	GETHING GG
0953 326035 2010-04-01	GETHING II
0953 326040 2004-10-01	GETHING NN

**POOL DESIGNATION (cont'd)**

0953 326605 2012-02-01	GETHING EEE
0953 326611 2006-05-01	GETHING KKK
0953 326616 2006-04-01	GETHING PPP
0953 326622 2006-09-01	GETHING VVV
0953 326628 2010-04-01	GETHING B2B
0953 326631 2010-04-01	GETHING E2E
0953 326632 2007-12-01	GETHING F2F
0953 326633 2010-04-01	GETHING G2G
0953 326634 2008-01-01	GETHING H2H
0953 326635 2010-04-01	GETHING I2I
0953 326636 2012-01-01	GETHING J2J
0953 326637 2008-08-01	GETHING K2K
0953 326641 2010-04-01	GETHING O2O
0953 326644 2009-01-01	GETHING R2R
0953 326647 2009-05-01	GETHING U2U
0953 326648 2010-04-01	GETHING V2V
0953 326649 2011-07-01	GETHING W2W
0953 326650 2010-04-01	GETHING X2X
0953 326651 2010-03-01	GETHING Y2Y
0953 326652 2011-02-01	GETHING Z2Z
0953 327301 2011-02-01	GETHING A3A
0953 327302 2010-09-01	GETHING B3B
0953 327304 2010-10-01	GETHING D3D
0953 327305 2011-01-01	GETHING E3E
0953 327306 2011-04-01	GETHING F3F
0953 327307 2011-06-01	GETHING G3G
0953 327308 2011-06-01	GETHING H3H
0953 327309 2011-11-01	GETHING I3I
0953 348001 2011-03-01	CADOMIN A
0953 348004 2011-12-01	CADOMIN D
0953 348010 2007-03-01	CADOMIN J
0953 348011 2009-12-01	CADOMIN K
0953 348019 2002-05-01	CADOMIN S
0953 348042 2011-04-01	CADOMIN PP
0953 348704 2010-04-01	CADOMIN DDD
0953 348709 2011-07-01	CADOMIN III
0953 348712 2011-08-01	CADOMIN LLL

**POOL DESIGNATION (cont'd)**

0953 348719 2010-04-01	CADOMIN SSS
0953 348723 2010-04-01	CADOMIN WWW
0953 348725 2010-04-01	CADOMIN YYY
0953 348746 2008-01-01	CADOMIN T2T
0953 348747 2010-04-01	CADOMIN U2U
0953 348752 2008-08-01	CADOMIN Z2Z
0953 348918 2011-07-01	CADOMIN R3R
0953 348922 2011-04-01	CADOMIN V3V
0953 348923 2011-11-01	CADOMIN W3W
0953 408004 2007-10-01	NIKANASSIN D
0953 408006 2010-04-01	NIKANASSIN F
0953 408007 2010-04-01	NIKANASSIN G
0953 408014 2007-10-01	NIKANASSIN N
0953 408017 2010-11-01	NIKANASSIN Q
0953 408020 2006-07-01	NIKANASSIN T
0953 408022 2010-10-01	NIKANASSIN V
0953 408024 2010-04-01	NIKANASSIN X
0953 408036 2010-07-01	NIKANASSIN JJ
0953 408044 2010-04-01	NIKANASSIN RR
0953 408047 2011-09-01	NIKANASSIN UU
0953 408050 2010-04-01	NIKANASSIN XX
0953 408602 2010-04-01	NIKANASSIN BBB
0953 408609 2008-01-01	NIKANASSIN III
0953 408610 2008-01-01	NIKANASSIN JJJ
0953 408611 2010-04-01	NIKANASSIN KKK
0953 408613 2008-01-01	NIKANASSIN MMM
0953 408614 2010-04-01	NIKANASSIN NNN
0953 408617 2008-08-01	NIKANASSIN QQQ
0953 408619 2010-04-01	NIKANASSIN SSS
0953 408629 2011-02-01	NIKANASSIN C2C
0953 408631 2010-04-01	NIKANASSIN E2E
0953 408637 2011-07-01	NIKANASSIN K2K
0953 408638 2010-07-01	NIKANASSIN L2L
0953 408640 2010-05-01	NIKANASSIN N2N
0953 408641 2010-05-01	NIKANASSIN O2O
0953 408642 2010-10-01	NIKANASSIN P2P
0953 408643 2011-05-01	NIKANASSIN Q2Q

**POOL DESIGNATION (cont'd)**

0953 408645 2010-09-01	NIKANASSIN S2S
0953 408646 2010-10-01	NIKANASSIN T2T
0953 408647 2011-02-01	NIKANASSIN U2U
0953 408648 2011-02-01	NIKANASSIN V2V
0953 408649 2011-08-01	NIKANASSIN W2W
0953 408650 2011-04-01	NIKANASSIN X2X
0953 408651 2011-04-01	NIKANASSIN Y2Y
0953 408652 2011-10-01	NIKANASSIN Z2Z
0953 408701 2011-09-01	NIKANASSIN A3A
0953 508001 2008-07-01	CHARLIE LAKE A
0953 508002 2011-03-01	CHARLIE LAKE B
0953 516001 2001-02-01	HALFWAY A
0953 516004 2007-01-01	HALFWAY D
0953 516005 2005-12-01	HALFWAY E
0953 516006 2007-11-01	HALFWAY F
0953 516007 2010-04-01	HALFWAY G
0953 520001 2002-02-01	DOIG A
0953 524001 2010-01-01	MONTNEY A
0953 524002 2011-05-01	MONTNEY B
0953 556001 2002-03-01	BELLOY A
0953 856800 2011-08-01	MFP8568 GETHING
0953 856900 2011-08-01	MFP8569 CADOMIN
0953 857000 2011-08-01	MFP8570 CADOMIN
0953 857600 2010-09-01	MFP8576 GETHING
0953 857800 2010-11-01	MFP8578 NIKANASSIN
0953 858100 2010-07-01	MFP8581 NIKANASSIN

**SPACING PATTERN**

SU 4354      13 Dec 2006  
SU 4354A     8 Feb 2007

**COMMINGLED PRODUCTION**

MU 7891      31 May 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 3286      3 Apr 1981  
App 3286A     28 Feb 1990  
App 3286B     15 May 1995  
App 3286C     18 Feb 1999  
Class II  
Ulster Petroleum Ltd.

**FIELD DESIGNATION**

1291 2010-10-01                      WAPPAU FIELD

**POOL DESIGNATION**

1291 262003 2001-02-01      GRAND RAPIDS C  
1291 262005 2001-02-01      GRAND RAPIDS E  
1291 262006 2001-02-01      GRAND RAPIDS F  
1291 262007 2001-03-01      GRAND RAPIDS G  
1291 262008 2010-11-01      GRAND RAPIDS H  
1291 262009 2010-10-01      GRAND RAPIDS I

**SUBSURFACE DISPOSAL SCHEMES**

App 9599      16 Sep 2003  
Class II  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

1292 2010-12-01            WARNER FIELD

**POOL DESIGNATION**

1292 164001 2010-04-01    MEDICINE HAT A  
1292 164002 2009-12-01    MEDICINE HAT B  
1292 164007 2010-12-01    MEDICINE HAT G

1292 186002 2006-04-01    SECOND WHITE SPECKS B  
1292 186003 2007-12-01    SECOND WHITE SPECKS C  
1292 186004 2008-11-01    SECOND WHITE SPECKS D

1292 202001 2010-04-01    FISH SCALE A  
1292 202002 2010-04-01    FISH SCALE B  
1292 202003 2010-04-01    FISH SCALE C  
1292 202004 2006-05-01    FISH SCALE D  
1292 202005 2008-11-01    FISH SCALE E

1292 204001 2010-04-01    BARONS A  
1292 204002 2011-09-01    BARONS B  
1292 204007 2007-10-01    BARONS G  
1292 204008 2008-06-01    BARONS H  
1292 204009 2008-11-01    BARONS I

1292 213002 2011-09-01    BOW ISLAND B  
1292 213004 2011-09-01    BOW ISLAND D  
1292 213005 2002-08-01    BOW ISLAND E  
1292 213007 2003-11-01    BOW ISLAND G  
1292 213009 2010-04-01    BOW ISLAND I  
1292 213010 2010-04-01    BOW ISLAND J  
1292 213011 2004-11-01    BOW ISLAND K  
1292 213012 2004-11-01    BOW ISLAND L  
1292 213013 2004-11-01    BOW ISLAND M  
1292 213014 2010-04-01    BOW ISLAND N  
1292 213016 2006-04-01    BOW ISLAND P  
1292 213017 2010-04-01    BOW ISLAND Q

**POOL DESIGNATION (cont'd)**

1292 213019 2010-04-01	BOW ISLAND S
1292 213020 2006-01-01	BOW ISLAND T
1292 213021 2006-01-01	BOW ISLAND U
1292 213022 2006-02-01	BOW ISLAND V
1292 213023 2006-02-01	BOW ISLAND W
1292 213024 2010-04-01	BOW ISLAND X
1292 213025 2011-09-01	BOW ISLAND Y
1292 213026 2010-04-01	BOW ISLAND Z
1292 213027 2010-04-01	BOW ISLAND AA
1292 213028 2010-04-01	BOW ISLAND BB
1292 213029 2007-10-01	BOW ISLAND CC
1292 213030 2007-10-01	BOW ISLAND DD
1292 213031 2007-12-01	BOW ISLAND EE
1292 213032 2007-12-01	BOW ISLAND FF
1292 213033 2007-12-01	BOW ISLAND GG
1292 213034 2008-06-01	BOW ISLAND HH
1292 213035 2008-11-01	BOW ISLAND II
1292 213036 2008-11-01	BOW ISLAND JJ
1292 213037 2008-11-01	BOW ISLAND KK
1292 213038 2008-11-01	BOW ISLAND LL
1292 213039 2008-11-01	BOW ISLAND MM
1292 213040 2010-04-01	BOW ISLAND NN
1292 213041 2010-04-01	BOW ISLAND OO
1292 213042 2008-11-01	BOW ISLAND PP
1292 213043 2009-03-01	BOW ISLAND QQ
1292 213044 2011-07-01	BOW ISLAND RR
1292 213045 2011-07-01	BOW ISLAND SS
1292 628001 2001-02-01	LIVINGSTONE A
1292 855200 2010-04-01	MFP8552 BOW ISLAND

**SPACING PATTERN**

SU 4299	1 Sep 2005
SU 4299A	22 Oct 2005

**COMMINGLED PRODUCTION**

MU 7544	5 Oct 2010
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**WAR**

**WARRENSVILLE AREA**

**1293**

**February 2012**

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**SPACING PATTERN**

SU 2752      27 Mar 1996

**FIELD DESIGNATION**

0932 2011-01-01                      WARSPITE FIELD

**POOL DESIGNATION**

0932 250001 2001-02-01      UPPER MANNVILLE A  
0932 250002 2001-02-01      UPPER MANNVILLE B  
0932 250003 2004-09-01      UPPER MANNVILLE C  
0932 250004 2001-02-01      UPPER MANNVILLE D  
0932 250005 2001-02-01      UPPER MANNVILLE E  
0932 250006 2001-02-01      UPPER MANNVILLE F  
0932 250007 2001-02-01      UPPER MANNVILLE G  
0932 250008 2001-02-01      UPPER MANNVILLE H  
0932 250009 2001-02-01      UPPER MANNVILLE I  
0932 250010 2009-05-01      UPPER MANNVILLE J  
0932 250011 2009-05-01      UPPER MANNVILLE K  
0932 250012 2001-02-01      UPPER MANNVILLE L  
0932 250013 2001-02-01      UPPER MANNVILLE M  
0932 250014 2010-04-01      UPPER MANNVILLE N  
0932 250015 2002-09-01      UPPER MANNVILLE O  
0932 250016 2010-04-01      UPPER MANNVILLE P  
0932 250017 2010-09-01      UPPER MANNVILLE Q  
0932 250018 2004-05-01      UPPER MANNVILLE R  
0932 250019 2007-03-01      UPPER MANNVILLE S  
0932 250020 2010-09-01      UPPER MANNVILLE T  
0932 250021 2010-09-01      UPPER MANNVILLE U  
0932 250022 2011-01-01      UPPER MANNVILLE V

0932 336001 2002-12-01      ELLERSLIE A

0932 658001 2001-02-01      WABAMUN A  
0932 658002 2010-04-01      WABAMUN B

**COMMINGLED PRODUCTION**

MU 7246      2 Sep 2009

**FIELD DESIGNATION**

0929 2010-06-01                      WARWICK FIELD

**POOL DESIGNATION**

0929 126001 2001-02-01            BELLY RIVER A  
0929 126003 2001-02-01            BELLY RIVER C  
0929 126004 2001-02-01            BELLY RIVER D

0929 134001 2005-07-01            BASAL BELLY RIVER A

0929 218002 2010-04-01            VIKING B  
0929 218003 2010-04-01            VIKING C  
0929 218004 2003-03-01            VIKING D  
0929 218005 2010-04-01            VIKING E  
0929 218006 2001-02-01            VIKING F  
0929 218009 2001-02-01            VIKING I  
0929 218011 2001-02-01            VIKING K  
0929 218012 2001-02-01            VIKING L  
0929 218013 2010-04-01            VIKING M  
0929 218014 2010-04-01            VIKING N  
0929 218017 2003-04-01            VIKING Q  
0929 218018 2001-02-01            VIKING R  
0929 218019 2001-02-01            VIKING S  
0929 218020 2001-02-01            VIKING T  
0929 218021 2010-04-01            VIKING U  
0929 218022 2001-02-01            VIKING V  
0929 218023 2001-02-01            VIKING W  
0929 218024 2001-02-01            VIKING X  
0929 218025 2002-10-01            VIKING Y  
0929 218026 2001-03-01            VIKING Z  
0929 218027 2001-02-01            VIKING AA  
0929 218028 2001-02-01            VIKING BB  
0929 218029 2001-02-01            VIKING CC  
0929 218030 2011-05-01            VIKING DD  
0929 218031 2001-02-01            VIKING EE  
0929 218032 2001-03-01            VIKING FF

**POOL DESIGNATION (cont'd)**

0929 250001	2010-11-01	UPPER MANNVILLE A
0929 250003	2001-02-01	UPPER MANNVILLE C
0929 250004	2001-03-01	UPPER MANNVILLE D
0929 250005	2011-03-01	UPPER MANNVILLE E
0929 250007	2001-02-01	UPPER MANNVILLE G
0929 250008	2001-02-01	UPPER MANNVILLE H
0929 250010	2001-02-01	UPPER MANNVILLE J
0929 250012	2002-09-01	UPPER MANNVILLE L
0929 250013	2008-04-01	UPPER MANNVILLE M
0929 250014	2006-07-01	UPPER MANNVILLE N
0929 250015	2001-02-01	UPPER MANNVILLE O
0929 250016	2004-08-01	UPPER MANNVILLE P
0929 250017	2003-03-01	UPPER MANNVILLE Q
0929 250018	2001-02-01	UPPER MANNVILLE R
0929 250019	2001-02-01	UPPER MANNVILLE S
0929 250020	2001-02-01	UPPER MANNVILLE T
0929 250021	2001-02-01	UPPER MANNVILLE U
0929 250022	2001-02-01	UPPER MANNVILLE V
0929 250023	2001-02-01	UPPER MANNVILLE W
0929 250024	2001-02-01	UPPER MANNVILLE X
0929 250025	2001-02-01	UPPER MANNVILLE Y
0929 250026	2007-06-01	UPPER MANNVILLE Z
0929 250027	2002-10-01	UPPER MANNVILLE AA
0929 250028	2010-04-01	UPPER MANNVILLE BB
0929 250029	2001-02-01	UPPER MANNVILLE CC
0929 250030	2001-02-01	UPPER MANNVILLE DD
0929 250031	2001-02-01	UPPER MANNVILLE EE
0929 250033	2003-02-01	UPPER MANNVILLE GG
0929 250034	2001-02-01	UPPER MANNVILLE HH
0929 250035	2001-02-01	UPPER MANNVILLE II
0929 250036	2001-02-01	UPPER MANNVILLE JJ
0929 250037	2001-02-01	UPPER MANNVILLE KK
0929 250038	2001-02-01	UPPER MANNVILLE LL
0929 250039	2001-02-01	UPPER MANNVILLE MM
0929 250040	2010-04-01	UPPER MANNVILLE NN
0929 250041	2001-02-01	UPPER MANNVILLE OO
0929 250042	2001-02-01	UPPER MANNVILLE PP
0929 250043	2001-02-01	UPPER MANNVILLE QQ

**POOL DESIGNATION (cont'd)**

0929 250044 2001-02-01	UPPER MANNVILLE RR
0929 250045 2001-02-01	UPPER MANNVILLE SS
0929 250046 2001-02-01	UPPER MANNVILLE TT
0929 250048 2001-02-01	UPPER MANNVILLE VV
0929 250049 2001-12-01	UPPER MANNVILLE WW
0929 250052 2008-05-01	UPPER MANNVILLE ZZ
0929 250701 2001-02-01	UPPER MANNVILLE AAA
0929 250702 2001-05-01	UPPER MANNVILLE BBB
0929 250703 2001-02-01	UPPER MANNVILLE CCC
0929 250704 2003-01-01	UPPER MANNVILLE DDD
0929 250705 2004-09-01	UPPER MANNVILLE EEE
0929 250706 2010-04-01	UPPER MANNVILLE FFF
0929 250707 2001-02-01	UPPER MANNVILLE GGG
0929 250708 2001-02-01	UPPER MANNVILLE HHH
0929 250709 2001-02-01	UPPER MANNVILLE III
0929 250710 2006-04-01	UPPER MANNVILLE JJJ
0929 250711 2002-06-01	UPPER MANNVILLE KKK
0929 250712 2001-02-01	UPPER MANNVILLE LLL
0929 250713 2010-04-01	UPPER MANNVILLE MMM
0929 250714 2006-12-01	UPPER MANNVILLE NNN
0929 250715 2001-02-01	UPPER MANNVILLE OOO
0929 250716 2001-02-01	UPPER MANNVILLE PPP
0929 250717 2001-02-01	UPPER MANNVILLE QQQ
0929 250718 2010-04-01	UPPER MANNVILLE RRR
0929 250719 2007-08-01	UPPER MANNVILLE SSS
0929 250720 2001-02-01	UPPER MANNVILLE TTT
0929 250721 2001-02-01	UPPER MANNVILLE UUU
0929 250722 2001-02-01	UPPER MANNVILLE VVV
0929 250723 2002-06-01	UPPER MANNVILLE WWW
0929 250724 2008-01-01	UPPER MANNVILLE XXX
0929 250725 2001-02-01	UPPER MANNVILLE YYY
0929 250726 2001-02-01	UPPER MANNVILLE ZZZ
0929 250727 2001-02-01	UPPER MANNVILLE A2A
0929 250728 2001-02-01	UPPER MANNVILLE B2B
0929 250729 2001-02-01	UPPER MANNVILLE C2C
0929 250730 2010-04-01	UPPER MANNVILLE D2D
0929 250731 2001-02-01	UPPER MANNVILLE E2E
0929 250732 2001-02-01	UPPER MANNVILLE F2F

**POOL DESIGNATION (cont'd)**

0929 250733 2001-02-01	UPPER MANNVILLE G2G
0929 250734 2001-02-01	UPPER MANNVILLE H2H
0929 250735 2001-02-01	UPPER MANNVILLE I2I
0929 250736 2001-02-01	UPPER MANNVILLE J2J
0929 250737 2001-02-01	UPPER MANNVILLE K2K
0929 250738 2001-02-01	UPPER MANNVILLE L2L
0929 250739 2001-02-01	UPPER MANNVILLE M2M
0929 250740 2002-06-01	UPPER MANNVILLE N2N
0929 250741 2001-02-01	UPPER MANNVILLE O2O
0929 250742 2001-06-01	UPPER MANNVILLE P2P
0929 250743 2001-02-01	UPPER MANNVILLE Q2Q
0929 250744 2001-02-01	UPPER MANNVILLE R2R
0929 250745 2001-02-01	UPPER MANNVILLE S2S
0929 250746 2001-02-01	UPPER MANNVILLE T2T
0929 250747 2001-02-01	UPPER MANNVILLE U2U
0929 250748 2001-10-01	UPPER MANNVILLE V2V
0929 250749 2001-02-01	UPPER MANNVILLE W2W
0929 250750 2011-05-01	UPPER MANNVILLE X2X
0929 250751 2004-08-01	UPPER MANNVILLE Y2Y
0929 250752 2001-02-01	UPPER MANNVILLE Z2Z
0929 251101 2001-02-01	UPPER MANNVILLE A3A
0929 251102 2001-03-01	UPPER MANNVILLE B3B
0929 251103 2001-03-01	UPPER MANNVILLE C3C
0929 251104 2001-03-01	UPPER MANNVILLE D3D
0929 251105 2003-03-01	UPPER MANNVILLE E3E
0929 251106 2002-05-01	UPPER MANNVILLE F3F
0929 251107 2001-06-01	UPPER MANNVILLE G3G
0929 251108 2001-07-01	UPPER MANNVILLE H3H
0929 251109 2001-03-01	UPPER MANNVILLE I3I
0929 251110 2012-01-01	UPPER MANNVILLE J3J
0929 251111 2001-04-01	UPPER MANNVILLE K3K
0929 251112 2001-04-01	UPPER MANNVILLE L3L
0929 251113 2001-06-01	UPPER MANNVILLE M3M
0929 251114 2001-06-01	UPPER MANNVILLE N3N
0929 251115 2002-06-01	UPPER MANNVILLE O3O
0929 251116 2010-04-01	UPPER MANNVILLE P3P
0929 251117 2010-09-01	UPPER MANNVILLE Q3Q
0929 251118 2002-01-01	UPPER MANNVILLE R3R

**POOL DESIGNATION (cont'd)**

0929 251120	2003-06-01	UPPER MANNVILLE T3T
0929 251121	2003-06-01	UPPER MANNVILLE U3U
0929 251122	2002-08-01	UPPER MANNVILLE V3V
0929 251123	2012-01-01	UPPER MANNVILLE W3W
0929 251124	2002-05-01	UPPER MANNVILLE X3X
0929 251125	2002-06-01	UPPER MANNVILLE Y3Y
0929 251126	2002-06-01	UPPER MANNVILLE Z3Z
0929 251127	2002-06-01	UPPER MANNVILLE A4A
0929 251128	2002-08-01	UPPER MANNVILLE B4B
0929 251129	2002-08-01	UPPER MANNVILLE C4C
0929 251131	2002-08-01	UPPER MANNVILLE E4E
0929 251132	2003-02-01	UPPER MANNVILLE F4F
0929 251133	2004-11-01	UPPER MANNVILLE G4G
0929 251134	2004-11-01	UPPER MANNVILLE H4H
0929 251135	2003-07-01	UPPER MANNVILLE I4I
0929 251136	2003-05-01	UPPER MANNVILLE J4J
0929 251137	2003-06-01	UPPER MANNVILLE K4K
0929 251138	2003-08-01	UPPER MANNVILLE L4L
0929 251139	2007-05-01	UPPER MANNVILLE M4M
0929 251140	2004-01-01	UPPER MANNVILLE N4N
0929 251141	2004-02-01	UPPER MANNVILLE O4O
0929 251142	2010-06-01	UPPER MANNVILLE P4P
0929 251143	2010-06-01	UPPER MANNVILLE Q4Q
0929 251144	2004-06-01	UPPER MANNVILLE R4R
0929 251145	2004-08-01	UPPER MANNVILLE S4S
0929 251146	2004-09-01	UPPER MANNVILLE T4T
0929 251147	2004-11-01	UPPER MANNVILLE U4U
0929 251148	2005-03-01	UPPER MANNVILLE V4V
0929 251149	2005-11-01	UPPER MANNVILLE W4W
0929 251150	2006-08-01	UPPER MANNVILLE X4X
0929 251151	2006-10-01	UPPER MANNVILLE Y4Y
0929 251152	2006-10-01	UPPER MANNVILLE Z4Z
0929 251501	2010-04-01	UPPER MANNVILLE A5A
0929 251502	2010-04-01	UPPER MANNVILLE B5B
0929 251503	2007-01-01	UPPER MANNVILLE C5C
0929 251504	2007-11-01	UPPER MANNVILLE D5D
0929 251505	2007-11-01	UPPER MANNVILLE E5E
0929 251506	2007-12-01	UPPER MANNVILLE F5F

**POOL DESIGNATION (cont'd)**

0929 251507 2007-12-01	UPPER MANNVILLE G5G
0929 251508 2007-12-01	UPPER MANNVILLE H5H
0929 251509 2010-04-01	UPPER MANNVILLE I5I
0929 251510 2007-12-01	UPPER MANNVILLE J5J
0929 251511 2007-12-01	UPPER MANNVILLE K5K
0929 251512 2007-12-01	UPPER MANNVILLE L5L
0929 251513 2007-12-01	UPPER MANNVILLE M5M
0929 251514 2007-12-01	UPPER MANNVILLE N5N
0929 251515 2007-12-01	UPPER MANNVILLE O5O
0929 251516 2007-12-01	UPPER MANNVILLE P5P
0929 251517 2007-12-01	UPPER MANNVILLE Q5Q
0929 251518 2007-12-01	UPPER MANNVILLE R5R
0929 251519 2007-12-01	UPPER MANNVILLE S5S
0929 251520 2009-09-01	UPPER MANNVILLE T5T
0929 251521 2007-12-01	UPPER MANNVILLE U5U
0929 251522 2007-12-01	UPPER MANNVILLE V5V
0929 251523 2007-12-01	UPPER MANNVILLE W5W
0929 251524 2008-04-01	UPPER MANNVILLE X5X
0929 251525 2008-01-01	UPPER MANNVILLE Y5Y
0929 251526 2009-07-01	UPPER MANNVILLE Z5Z
0929 251527 2008-06-01	UPPER MANNVILLE A6A
0929 251528 2011-12-01	UPPER MANNVILLE B6B
0929 251529 2008-07-01	UPPER MANNVILLE C6C
0929 251531 2008-09-01	UPPER MANNVILLE E6E
0929 251532 2010-04-01	UPPER MANNVILLE F6F
0929 251533 2010-04-01	UPPER MANNVILLE G6G
0929 251534 2010-04-01	UPPER MANNVILLE H6H
0929 251535 2010-04-01	UPPER MANNVILLE I6I
0929 251536 2009-08-01	UPPER MANNVILLE J6J
0929 251537 2010-04-01	UPPER MANNVILLE K6K
0929 251538 2010-04-01	UPPER MANNVILLE L6L
0929 251539 2010-12-01	UPPER MANNVILLE M6M
0929 251540 2011-03-01	UPPER MANNVILLE N6N
0929 251541 2011-03-01	UPPER MANNVILLE O6O
0929 251542 2011-04-01	UPPER MANNVILLE P6P
0929 251543 2011-04-01	UPPER MANNVILLE Q6Q
0929 251544 2011-04-01	UPPER MANNVILLE R6R
0929 251545 2011-04-01	UPPER MANNVILLE S6S

**POOL DESIGNATION (cont'd)**

0929 251546 2011-04-01	UPPER MANNVILLE T6T
0929 251547 2011-05-01	UPPER MANNVILLE U6U
0929 251548 2011-05-01	UPPER MANNVILLE V6V
0929 251549 2011-05-01	UPPER MANNVILLE W6W
0929 251550 2011-06-01	UPPER MANNVILLE X6X
0929 251551 2011-08-01	UPPER MANNVILLE Y6Y
0929 251552 2011-09-01	UPPER MANNVILLE Z6Z
0929 251901 2012-02-01	UPPER MANNVILLE A7A
0929 251902 2012-02-01	UPPER MANNVILLE B7B
0929 280001 2002-02-01	CLEARWATER A
0929 300801 2010-08-01	GLAUCONITIC-NISKU A
0929 310001 2001-02-01	LOWER MANNVILLE A
0929 310003 2001-02-01	LOWER MANNVILLE C
0929 310004 2001-02-01	LOWER MANNVILLE D
0929 310005 2001-02-01	LOWER MANNVILLE E
0929 310006 2001-02-01	LOWER MANNVILLE F
0929 310007 2001-02-01	LOWER MANNVILLE G
0929 310009 2001-02-01	LOWER MANNVILLE I
0929 310010 2005-08-01	LOWER MANNVILLE J
0929 310011 2001-02-01	LOWER MANNVILLE K
0929 310013 2001-02-01	LOWER MANNVILLE M
0929 310014 2001-02-01	LOWER MANNVILLE N
0929 310015 2001-02-01	LOWER MANNVILLE O
0929 310016 2001-02-01	LOWER MANNVILLE P
0929 310017 2001-02-01	LOWER MANNVILLE Q
0929 310019 2001-02-01	LOWER MANNVILLE S
0929 310020 2001-02-01	LOWER MANNVILLE T
0929 310021 2001-09-01	LOWER MANNVILLE U
0929 310022 2001-12-01	LOWER MANNVILLE V
0929 310023 2002-05-01	LOWER MANNVILLE W
0929 310024 2002-08-01	LOWER MANNVILLE X
0929 310025 2004-07-01	LOWER MANNVILLE Y
0929 310026 2010-05-01	LOWER MANNVILLE Z
0929 310027 2004-08-01	LOWER MANNVILLE AA
0929 310028 2007-05-01	LOWER MANNVILLE BB

**POOL DESIGNATION (cont'd)**

0929 310029 2010-04-01 LOWER MANNVILLE CC  
0929 310030 2009-12-01 LOWER MANNVILLE DD  
0929 310031 2010-09-01 LOWER MANNVILLE EE  
0929 310032 2011-03-01 LOWER MANNVILLE FF

0929 658001 2001-02-01 WABAMUN A

0929 670001 2001-02-01 WINTERBURN A  
0929 670002 2010-04-01 WINTERBURN B  
0929 670003 2010-04-01 WINTERBURN C  
0929 670004 2001-02-01 WINTERBURN D  
0929 670005 2003-01-01 WINTERBURN E  
0929 670006 2001-02-01 WINTERBURN F  
0929 670007 2001-02-01 WINTERBURN G  
0929 670008 2001-02-01 WINTERBURN H  
0929 670009 2001-02-01 WINTERBURN I  
0929 670010 2001-02-01 WINTERBURN J  
0929 670011 2001-02-01 WINTERBURN K  
0929 670012 2001-02-01 WINTERBURN L  
0929 670013 2001-02-01 WINTERBURN M  
0929 670014 2001-02-01 WINTERBURN N  
0929 670015 2001-02-01 WINTERBURN O  
0929 670016 2008-05-01 WINTERBURN P

0929 696001 2001-02-01 NISKU A  
0929 696006 2001-11-01 NISKU F  
0929 696007 2002-08-01 NISKU G  
0929 696008 2004-11-01 NISKU H  
0929 696009 2005-10-01 NISKU I

0929 708001 2001-02-01 CAMROSE A

**SPACING PATTERN**

SU 2548 13 Feb 1996  
SU 2548A 28 Mar 2003

**COMMINGLED PRODUCTION**

MU 6532 5 May 2007

**GAS STORAGE SCHEMES**

App 11371H 28 Nov 2011  
Glauconic-Nisku A  
Warwick Gas Storage Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 2435 6 May 1977  
Class II  
Cavalier Energy Inc.

App 7991 30 Oct 1996  
Class II  
Amoco Canada Petroleum Company Ltd.

App 8219 25 Sep 1997  
Class II  
Alberta Oil and Gas Limited

App 9376 21 Mar 2003  
Class II  
Southward Energy Ltd.

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0930 2012-01-01                      WASKAHIGAN FIELD

**POOL DESIGNATION**

0930 192001 2010-04-01            DUNVEGAN A  
0930 192002 2011-03-01            DUNVEGAN B  
0930 192003 2010-04-01            DUNVEGAN C  
0930 192005 2005-05-01            DUNVEGAN E  
0930 192009 2009-07-01            DUNVEGAN I  
0930 192012 2010-04-01            DUNVEGAN L  
0930 192015 2010-04-01            DUNVEGAN O  
0930 192019 2010-04-01            DUNVEGAN S  
0930 192023 2006-05-01            DUNVEGAN W  
0930 192024 2010-06-01            DUNVEGAN X  
0930 192028 2008-09-01            DUNVEGAN BB  
0930 192031 2012-01-01            DUNVEGAN EE

0930 228002 2010-04-01            PEACE RIVER B  
0930 228003 2001-02-01            PEACE RIVER C  
0930 228005 2007-08-01            PEACE RIVER E  
0930 228006 2003-03-01            PEACE RIVER F  
0930 228007 2003-04-01            PEACE RIVER G  
0930 228008 2010-04-01            PEACE RIVER H

0930 232001 2009-03-01            CADOTTE A

0930 264001 2007-02-01            SPIRIT RIVER A

0930 266001 2010-04-01            NOTIKWIN A  
0930 266002 2012-01-01            NOTIKWIN B

0930 271501 2009-03-01            FALHER A

0930 304001 2010-04-01            BLUESKY A  
0930 304002 2001-02-01            BLUESKY B  
0930 304003 2008-03-01            BLUESKY C

**POOL DESIGNATION (cont'd)**

0930 304004 2003-08-01	BLUESKY D
0930 304005 2004-04-01	BLUESKY E
0930 304006 2005-02-01	BLUESKY F
0930 304007 2007-12-01	BLUESKY G
0930 304008 2010-04-01	BLUESKY H
0930 326001 2010-04-01	GETHING A
0930 326003 2001-02-01	GETHING C
0930 326006 2001-02-01	GETHING F
0930 326007 2001-02-01	GETHING G
0930 326008 2001-02-01	GETHING H
0930 326009 2001-02-01	GETHING I
0930 326016 2010-04-01	GETHING P
0930 326017 2002-01-01	GETHING Q
0930 326018 2010-04-01	GETHING R
0930 326025 2010-07-01	GETHING Y
0930 326032 2008-05-01	GETHING FF
0930 326033 2010-05-01	GETHING GG
0930 326035 2008-10-01	GETHING II
0930 326036 2009-07-01	GETHING JJ
0930 326037 2010-09-01	GETHING KK
0930 326038 2009-09-01	GETHING LL
0930 326039 2010-07-01	GETHING MM
0930 348001 2001-02-01	CADOMIN A
0930 348002 2002-02-01	CADOMIN B
0930 348003 2004-11-01	CADOMIN C
0930 348004 2007-02-01	CADOMIN D
0930 348005 2009-07-01	CADOMIN E
0930 348006 2008-12-01	CADOMIN F
0930 444001 2011-08-01	NORDEGG A
0930 524001 2010-04-01	MONTNEY A
0930 524002 2007-01-01	MONTNEY B
0930 524003 2006-10-01	MONTNEY C
0930 524004 2007-09-01	MONTNEY D
0930 524005 2011-02-01	MONTNEY E

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**POOL DESIGNATION (cont'd)**

0930 524006 2012-01-01 MONTNEY F  
0930 744001 2006-01-01 BEAVERHILL LAKE A  
0930 857900 2010-08-01 MFP8579 DUNVEGAN  
0930 858000 2010-08-01 MFP8580 GETHING

**SPACING PATTERN**

SU 2547A 15 Feb 2006  
SU 2547B 16 May 2006

**COMMINGLED PRODUCTION**

MU 8251 5 Dec 2011

**FIELD DESIGNATION**

0936 2008-10-01            WATELET FIELD

**POOL DESIGNATION**

0936 126001 2001-02-01    BELLY RIVER A  
0936 126002 2001-02-01    BELLY RIVER B  
0936 126003 2001-02-01    BELLY RIVER C  
0936 126005 2010-03-01    BELLY RIVER E  
0936 126006 2011-04-01    BELLY RIVER F

0936 134001 2010-03-01    BASAL BELLY RIVER A

0936 250001 2006-10-01    UPPER MANNVILLE A  
0936 250002 2008-03-01    UPPER MANNVILLE B  
0936 250003 2008-03-01    UPPER MANNVILLE C  
0936 250004 2008-03-01    UPPER MANNVILLE D  
0936 250005 2009-10-01    UPPER MANNVILLE E  
0936 250006 2010-04-01    UPPER MANNVILLE F

0936 300001 2001-02-01    GLAUCONITIC A  
0936 300002 2001-05-01    GLAUCONITIC B  
0936 300003 2001-06-01    GLAUCONITIC C

0936 336001 2009-05-01    ELLERSLIE A  
0936 336004 2001-02-01    ELLERSLIE D  
0936 336005 2001-05-01    ELLERSLIE E  
0936 336006 2001-05-01    ELLERSLIE F  
0936 336007 2003-05-01    ELLERSLIE G  
0936 336008 2004-12-01    ELLERSLIE H  
0936 336011 2008-10-01    ELLERSLIE K

**SPACING PATTERN**

SU 2853            11 Feb 1998  
SU 2853A          8 Nov 2000

**SUBSURFACE DISPOSAL SCHEMES**

App 8540          5 Aug 1999  
Class III Acid Gas  
ATCO Midstream Ltd.

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App 11434B 17 Aug 2011

Class II

Direct Energy Marketing Limited

**FIELD DESIGNATION**

0931 2004-01-01            WATERTON FIELD

**POOL DESIGNATION**

0931 176001 2002-06-01    CARDIUM A

0931 610001 2011-04-01    RUNDLE A  
0931 610004 2006-01-01    RUNDLE D  
0931 610005 2011-12-01    RUNDLE E  
0931 610010 2010-04-01    RUNDLE J  
0931 610011 2001-02-01    RUNDLE K  
0931 610012 2001-02-01    RUNDLE L  
0931 610013 2011-12-01    RUNDLE M  
0931 610014 2010-04-01    RUNDLE N  
0931 610015 2010-04-01    RUNDLE O  
0931 610016 2011-05-01    RUNDLE P  
0931 610017 2011-09-01    RUNDLE Q  
0931 610019 2008-10-01    RUNDLE S  
0931 610020 2010-04-01    RUNDLE T  
0931 610021 2010-04-01    RUNDLE U

0931 611001 2010-04-01    RUNDLE-WABAMUN A

0931 658001 2005-05-01    WABAMUN A  
0931 658002 2001-02-01    WABAMUN B  
0931 658003 2010-04-01    WABAMUN C

**SPACING PATTERN**

SU 2747            2 May 1996  
SU 2747A          22 Jan 2003  
SU 2747B          15 Oct 2004

**GAS CYCLING**

App 4247          4 Jul 1984  
Wabamun A  
Shell Canada Resources Limited

**COMMINGLED PRODUCTION**

MU 6851          23 Apr 2008

**FIELD DESIGNATION**

0933 2009-02-01 WATTS FIELD

**POOL DESIGNATION**

0933 106003 2005-11-01 EDMONTON C  
0933 106005 2007-02-01 EDMONTON E

0933 118802 2006-11-01 LOWER EDMONTON B  
0933 118803 2011-03-01 LOWER EDMONTON C  
0933 118804 2011-05-01 LOWER EDMONTON D  
0933 118805 2012-02-01 LOWER EDMONTON E

0933 126013 2010-03-01 BELLY RIVER M  
0933 126014 2010-03-01 BELLY RIVER N  
0933 126015 2010-03-01 BELLY RIVER O

0933 134002 2005-07-01 BASAL BELLY RIVER B

0933 164001 2010-04-01 MEDICINE HAT A  
0933 164002 2010-04-01 MEDICINE HAT B  
0933 164003 2010-04-01 MEDICINE HAT C  
0933 164004 2011-01-01 MEDICINE HAT D

0933 186002 2001-12-01 SECOND WHITE SPECKS B  
0933 186006 2010-04-01 SECOND WHITE SPECKS F  
0933 186007 2008-12-01 SECOND WHITE SPECKS G

0933 218001 2001-02-01 VIKING A  
0933 218002 2001-02-01 VIKING B  
0933 218005 2001-02-01 VIKING E  
0933 218006 2010-04-01 VIKING F

0933 250001 2005-04-01 UPPER MANNVILLE A  
0933 250002 2001-02-01 UPPER MANNVILLE B  
0933 250004 2010-04-01 UPPER MANNVILLE D  
0933 250005 2010-04-01 UPPER MANNVILLE E

**POOL DESIGNATION (cont'd)**

0933 250006 2003-01-01	UPPER MANNVILLE F
0933 250007 2003-02-01	UPPER MANNVILLE G
0933 250008 2004-08-01	UPPER MANNVILLE H
0933 250011 2004-01-01	UPPER MANNVILLE K
0933 250013 2010-04-01	UPPER MANNVILLE M
0933 250014 2007-02-01	UPPER MANNVILLE N
0933 250018 2007-02-01	UPPER MANNVILLE R
0933 250019 2008-05-01	UPPER MANNVILLE S
0933 250020 2007-11-01	UPPER MANNVILLE T
0933 250021 2007-11-01	UPPER MANNVILLE U
0933 250022 2007-11-01	UPPER MANNVILLE V
0933 250023 2010-03-01	UPPER MANNVILLE W
0933 250024 2010-05-01	UPPER MANNVILLE X
0933 310001 2001-02-01	LOWER MANNVILLE A
0933 310002 2001-02-01	LOWER MANNVILLE B
0933 310003 2001-02-01	LOWER MANNVILLE C
0933 310004 2001-02-01	LOWER MANNVILLE D
0933 310007 2001-02-01	LOWER MANNVILLE G
0933 310008 2001-02-01	LOWER MANNVILLE H
0933 310009 2001-02-01	LOWER MANNVILLE I
0933 310015 2002-01-01	LOWER MANNVILLE O
0933 310016 2005-10-01	LOWER MANNVILLE P
0933 310017 2008-04-01	LOWER MANNVILLE Q
0933 310018 2007-11-01	LOWER MANNVILLE R
0933 310019 2010-03-01	LOWER MANNVILLE S
0933 644003 2010-04-01	BANFF C
0933 644004 2001-02-01	BANFF D
0933 644008 2010-04-01	BANFF H
0933 644013 2012-02-01	BANFF M
0933 644016 2001-02-01	BANFF P
0933 644028 2001-02-01	BANFF BB
0933 644031 2001-02-01	BANFF EE
0933 644032 2001-10-01	BANFF FF
0933 644033 2010-04-01	BANFF GG
0933 644034 2007-02-01	BANFF HH
0933 644035 2010-04-01	BANFF II

**POOL DESIGNATION (cont'd)**

0933 644036 2010-03-01 BANFF JJ  
0933 850600 2011-01-01 MFP8506 BELLY RIVER  
0933 852700 2011-01-01 MFP8527 2WS  
0933 854000 2011-01-01 MFP8540 BSL BELLY RIV

**SPACING PATTERN**

SU 2566 7 Feb 1996  
SU 2566A 20 Nov 2000  
SU 2566B 10 Sep 2001  
SU 2566C 20 Sep 2002  
SU 2566D 23 Oct 2002

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

App 10261 7 Jun 2005  
Class II  
Centrica Canada Limited

**COMMINGLED PRODUCTION**

MU 7068 21 Oct 2008

**CONCURRENT PRODUCTION**

App 4741 12 Dec 1985  
App 4741A 28 Jun 2000  
App 4741B 25 Oct 2007  
Lower Mannville B  
Canadian Natural Resources Limited

**SUBSURFACE DISPOSAL SCHEMES**

App 5144 22 Jan 1987  
App 5144A 14 Nov 1989  
Class II  
Renaissance Energy Ltd.

App 5250B 17 Mar 2009  
Class II  
Canadian Natural Resources Limited

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**WAV**

**WAVY LAKE FIELD  
February 2012**

**0934  
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**FIELD DESIGNATION**

0934 2009-08-01 WAVY LAKE FIELD

**POOL DESIGNATION**

0934 134001 2005-07-01 BASAL BELLY RIVER A

0934 250001 2006-05-01 UPPER MANNVILLE A

0934 256001 2001-02-01 COLONY A

0934 268001 2006-03-01 MCLAREN A

0934 268002 2009-07-01 MCLAREN B

0934 300002 2001-02-01 GLAUCONITIC B

0934 300004 2001-02-01 GLAUCONITIC D

0934 300005 2001-02-01 GLAUCONITIC E

0934 300006 2001-02-01 GLAUCONITIC F

0934 300007 2001-02-01 GLAUCONITIC G

0934 300008 2009-08-01 GLAUCONITIC H

0934 300009 2001-02-01 GLAUCONITIC I

0934 300010 2010-04-01 GLAUCONITIC J

0934 300011 2006-05-01 GLAUCONITIC K

0934 300012 2006-10-01 GLAUCONITIC L

0934 300013 2011-05-01 GLAUCONITIC M

0934 300014 2012-01-01 GLAUCONITIC N

0934 336003 2001-02-01 ELLERSLIE C

0934 336004 2004-12-01 ELLERSLIE D

**COMMINGLED PRODUCTION**

MU 1178 12 Apr 1995

**FIELD DESIGNATION**

0935 2011-12-01 WAYNE-ROSEDALE FIELD

**POOL DESIGNATION**

0935 118801 2011-08-01 LOWER EDMONTON A  
0935 118802 2010-04-01 LOWER EDMONTON B  
0935 118805 2010-04-01 LOWER EDMONTON E  
0935 118807 2009-11-01 LOWER EDMONTON G  
0935 118810 2010-05-01 LOWER EDMONTON J  
0935 118811 2010-05-01 LOWER EDMONTON K  
0935 118812 2010-05-01 LOWER EDMONTON L  
0935 118813 2010-05-01 LOWER EDMONTON M  
0935 118814 2011-12-01 LOWER EDMONTON N

0935 134119 2009-03-01 BASAL BELLY RIVER SSS

0935 158001 2008-04-01 MILK RIVER A  
0935 158002 2004-08-01 MILK RIVER B  
0935 158003 2009-11-01 MILK RIVER C  
0935 158004 2011-01-01 MILK RIVER D

0935 160001 2010-04-01 COLORADO A

0935 162001 2010-12-01 FIRST WHITE SPECKS A  
0935 162002 2011-01-01 FIRST WHITE SPECKS B  
0935 162003 2011-08-01 FIRST WHITE SPECKS C

0935 164002 2011-08-01 MEDICINE HAT B

0935 186001 2009-03-01 SECOND WHITE SPECKS A  
0935 186002 2011-01-01 SECOND WHITE SPECKS B

0935 202001 2011-12-01 FISH SCALE A

0935 218001 2011-05-01 VIKING A  
0935 218002 2010-04-01 VIKING B

**POOL DESIGNATION (cont'd)**

0935 218003 2001-02-01	VIKING C
0935 218008 2005-07-01	VIKING H
0935 218009 2009-02-01	VIKING I
0935 218010 2007-12-01	VIKING J
0935 218013 2004-07-01	VIKING M
0935 218018 2001-12-01	VIKING R
0935 218023 2001-02-01	VIKING W
0935 218024 2001-02-01	VIKING X
0935 218025 2009-08-01	VIKING Y
0935 218026 2011-05-01	VIKING Z
0935 218028 2001-02-01	VIKING BB
0935 218031 2001-02-01	VIKING EE
0935 218032 2007-01-01	VIKING FF
0935 218036 2002-06-01	VIKING JJ
0935 218038 2010-04-01	VIKING LL
0935 218039 2010-07-01	VIKING MM
0935 218040 2003-10-01	VIKING NN
0935 218041 2004-08-01	VIKING OO
0935 218043 2010-04-01	VIKING QQ
0935 218044 2010-04-01	VIKING RR
0935 218045 2010-04-01	VIKING SS
0935 218046 2005-02-01	VIKING TT
0935 218047 2010-04-01	VIKING UU
0935 218049 2007-09-01	VIKING WW
0935 218050 2006-09-01	VIKING XX
0935 218051 2006-09-01	VIKING YY
0935 218052 2010-04-01	VIKING ZZ
0935 220401 2006-11-01	VIKING AAA
0935 220402 2009-07-01	VIKING BBB
0935 220403 2010-04-01	VIKING CCC
0935 220404 2006-12-01	VIKING DDD
0935 220405 2006-12-01	VIKING EEE
0935 220406 2011-02-01	VIKING FFF
0935 220407 2010-04-01	VIKING GGG
0935 220408 2010-04-01	VIKING HHH
0935 220409 2010-04-01	VIKING III
0935 220410 2007-12-01	VIKING JJJ
0935 220411 2007-12-01	VIKING KKK

**POOL DESIGNATION (cont'd)**

0935 220412 2007-12-01	VIKING LLL
0935 220413 2008-01-01	VIKING MMM
0935 220414 2008-03-01	VIKING NNN
0935 220415 2010-04-01	VIKING OOO
0935 220416 2008-05-01	VIKING PPP
0935 220417 2008-05-01	VIKING QQQ
0935 220418 2009-02-01	VIKING RRR
0935 220419 2009-02-01	VIKING SSS
0935 220420 2011-08-01	VIKING TTT
0935 220421 2009-03-01	VIKING UUU
0935 220422 2009-06-01	VIKING VVV
0935 220423 2011-02-01	VIKING WWW
0935 220424 2009-11-01	VIKING XXX
0935 220425 2009-11-01	VIKING YYY
0935 220426 2010-05-01	VIKING ZZZ
0935 220427 2010-07-01	VIKING A2A
0935 220428 2010-10-01	VIKING B2B
0935 220429 2011-02-01	VIKING C2C
0935 220430 2011-02-01	VIKING D2D
0935 220432 2011-03-01	VIKING F2F
0935 220433 2011-03-01	VIKING G2G
0935 220434 2011-06-01	VIKING H2H
0935 220435 2011-06-01	VIKING I2I
0935 220436 2011-08-01	VIKING J2J
0935 220437 2011-08-01	VIKING K2K
0935 220438 2011-08-01	VIKING L2L
0935 220439 2011-08-01	VIKING M2M
0935 220440 2011-08-01	VIKING N2N
0935 220441 2012-02-01	VIKING O2O
0935 242001 2001-02-01	BASAL COLORADO A
0935 242005 2010-04-01	BASAL COLORADO E
0935 250005 2001-02-01	UPPER MANNVILLE E
0935 250006 2001-02-01	UPPER MANNVILLE F
0935 250007 2001-02-01	UPPER MANNVILLE G
0935 250008 2002-02-01	UPPER MANNVILLE H
0935 250009 2002-03-01	UPPER MANNVILLE I

**POOL DESIGNATION (cont'd)**

0935 250011 2010-05-01	UPPER MANNVILLE K
0935 250012 2008-06-01	UPPER MANNVILLE L
0935 250013 2005-11-01	UPPER MANNVILLE M
0935 250015 2006-08-01	UPPER MANNVILLE O
0935 250016 2006-09-01	UPPER MANNVILLE P
0935 250017 2006-12-01	UPPER MANNVILLE Q
0935 250018 2010-04-01	UPPER MANNVILLE R
0935 250019 2007-12-01	UPPER MANNVILLE S
0935 250020 2010-04-01	UPPER MANNVILLE T
0935 250021 2008-02-01	UPPER MANNVILLE U
0935 250023 2010-04-01	UPPER MANNVILLE W
0935 250024 2010-04-01	UPPER MANNVILLE X
0935 250025 2010-04-01	UPPER MANNVILLE Y
0935 250026 2010-04-01	UPPER MANNVILLE Z
0935 250027 2010-04-01	UPPER MANNVILLE AA
0935 250028 2011-02-01	UPPER MANNVILLE BB
0935 250029 2011-02-01	UPPER MANNVILLE CC
0935 250030 2011-08-01	UPPER MANNVILLE DD
0935 250031 2012-01-01	UPPER MANNVILLE EE
0935 300001 2001-02-01	GLAUCONITIC A
0935 300004 2001-02-01	GLAUCONITIC D
0935 300006 2001-02-01	GLAUCONITIC F
0935 300007 2006-12-01	GLAUCONITIC G
0935 300008 2008-04-01	GLAUCONITIC H
0935 300009 2004-07-01	GLAUCONITIC I
0935 300010 2001-02-01	GLAUCONITIC J
0935 300012 2010-04-01	GLAUCONITIC L
0935 300013 2001-02-01	GLAUCONITIC M
0935 300014 2001-02-01	GLAUCONITIC N
0935 300020 2010-04-01	GLAUCONITIC T
0935 300022 2001-02-01	GLAUCONITIC V
0935 300024 2001-02-01	GLAUCONITIC X
0935 300027 2008-02-01	GLAUCONITIC AA
0935 300028 2001-02-01	GLAUCONITIC BB
0935 300030 2001-02-01	GLAUCONITIC DD
0935 300031 2001-02-01	GLAUCONITIC EE
0935 300032 2001-02-01	GLAUCONITIC FF

**POOL DESIGNATION (cont'd)**

0935 300034 2010-04-01	GLAUCONITIC HH
0935 300035 2001-02-01	GLAUCONITIC II
0935 300037 2001-02-01	GLAUCONITIC KK
0935 300039 2001-02-01	GLAUCONITIC MM
0935 300041 2001-02-01	GLAUCONITIC OO
0935 300043 2001-02-01	GLAUCONITIC QQ
0935 300044 2001-02-01	GLAUCONITIC RR
0935 300046 2001-02-01	GLAUCONITIC TT
0935 300047 2008-04-01	GLAUCONITIC UU
0935 300048 2001-02-01	GLAUCONITIC VV
0935 300049 2001-02-01	GLAUCONITIC WW
0935 300050 2001-02-01	GLAUCONITIC XX
0935 300052 2010-04-01	GLAUCONITIC ZZ
0935 300901 2001-02-01	GLAUCONITIC AAA
0935 300902 2001-02-01	GLAUCONITIC BBB
0935 300903 2003-01-01	GLAUCONITIC CCC
0935 300904 2001-02-01	GLAUCONITIC DDD
0935 300905 2010-04-01	GLAUCONITIC EEE
0935 300906 2001-02-01	GLAUCONITIC FFF
0935 300909 2002-10-01	GLAUCONITIC III
0935 300910 2009-12-01	GLAUCONITIC JJJ
0935 300911 2001-02-01	GLAUCONITIC KKK
0935 300912 2001-03-01	GLAUCONITIC LLL
0935 300913 2001-03-01	GLAUCONITIC MMM
0935 300914 2001-12-01	GLAUCONITIC NNN
0935 300915 2001-08-01	GLAUCONITIC OOO
0935 300917 2002-02-01	GLAUCONITIC QQQ
0935 300918 2002-11-01	GLAUCONITIC RRR
0935 300919 2010-06-01	GLAUCONITIC SSS
0935 300921 2003-02-01	GLAUCONITIC UUU
0935 300922 2003-07-01	GLAUCONITIC VVV
0935 300923 2004-01-01	GLAUCONITIC WWW
0935 300924 2010-04-01	GLAUCONITIC XXX
0935 300926 2003-07-01	GLAUCONITIC ZZZ
0935 300927 2003-07-01	GLAUCONITIC A2A
0935 300928 2003-07-01	GLAUCONITIC B2B
0935 300929 2011-03-01	GLAUCONITIC C2C
0935 300930 2003-07-01	GLAUCONITIC D2D

**POOL DESIGNATION (cont'd)**

0935 300931 2003-07-01	GLAUCONITIC E2E
0935 300932 2006-07-01	GLAUCONITIC F2F
0935 300933 2003-07-01	GLAUCONITIC G2G
0935 300934 2003-07-01	GLAUCONITIC H2H
0935 300935 2003-07-01	GLAUCONITIC I2I
0935 300937 2011-10-01	GLAUCONITIC K2K
0935 300938 2010-04-01	GLAUCONITIC L2L
0935 300939 2003-10-01	GLAUCONITIC M2M
0935 300940 2009-11-01	GLAUCONITIC N2N
0935 300941 2003-12-01	GLAUCONITIC O2O
0935 300942 2004-07-01	GLAUCONITIC P2P
0935 300943 2004-05-01	GLAUCONITIC Q2Q
0935 300945 2011-05-01	GLAUCONITIC S2S
0935 300946 2010-04-01	GLAUCONITIC T2T
0935 300947 2010-04-01	GLAUCONITIC U2U
0935 300948 2010-04-01	GLAUCONITIC V2V
0935 300949 2010-04-01	GLAUCONITIC W2W
0935 300950 2010-04-01	GLAUCONITIC X2X
0935 300951 2010-04-01	GLAUCONITIC Y2Y
0935 300952 2005-02-01	GLAUCONITIC Z2Z
0935 301502 2010-04-01	GLAUCONITIC B3B
0935 301503 2010-04-01	GLAUCONITIC C3C
0935 301504 2010-04-01	GLAUCONITIC D3D
0935 301505 2005-05-01	GLAUCONITIC E3E
0935 301506 2010-04-01	GLAUCONITIC F3F
0935 301507 2005-06-01	GLAUCONITIC G3G
0935 301510 2010-04-01	GLAUCONITIC J3J
0935 301511 2010-04-01	GLAUCONITIC K3K
0935 301512 2010-06-01	GLAUCONITIC L3L
0935 301513 2010-04-01	GLAUCONITIC M3M
0935 301514 2010-04-01	GLAUCONITIC N3N
0935 301515 2006-04-01	GLAUCONITIC O3O
0935 301516 2010-04-01	GLAUCONITIC P3P
0935 301518 2006-10-01	GLAUCONITIC R3R
0935 301519 2006-06-01	GLAUCONITIC S3S
0935 301520 2006-09-01	GLAUCONITIC T3T
0935 301521 2008-12-01	GLAUCONITIC U3U
0935 301522 2006-12-01	GLAUCONITIC V3V

**POOL DESIGNATION (cont'd)**

0935 301523 2010-04-01	GLAUCONITIC W3W
0935 301525 2007-12-01	GLAUCONITIC Y3Y
0935 301526 2007-12-01	GLAUCONITIC Z3Z
0935 301527 2007-12-01	GLAUCONITIC A4A
0935 301528 2011-05-01	GLAUCONITIC B4B
0935 301529 2008-03-01	GLAUCONITIC C4C
0935 301530 2010-04-01	GLAUCONITIC D4D
0935 301531 2011-10-01	GLAUCONITIC E4E
0935 301532 2010-04-01	GLAUCONITIC F4F
0935 301533 2010-04-01	GLAUCONITIC G4G
0935 301534 2010-04-01	GLAUCONITIC H4H
0935 301535 2009-03-01	GLAUCONITIC I4I
0935 301536 2009-04-01	GLAUCONITIC J4J
0935 301537 2009-05-01	GLAUCONITIC K4K
0935 301538 2009-06-01	GLAUCONITIC L4L
0935 301539 2009-08-01	GLAUCONITIC M4M
0935 301540 2010-06-01	GLAUCONITIC N4N
0935 301541 2009-10-01	GLAUCONITIC O4O
0935 301542 2009-11-01	GLAUCONITIC P4P
0935 301543 2010-04-01	GLAUCONITIC Q4Q
0935 301544 2010-04-01	GLAUCONITIC R4R
0935 301545 2010-03-01	GLAUCONITIC S4S
0935 301546 2010-10-01	GLAUCONITIC T4T
0935 301547 2011-02-01	GLAUCONITIC U4U
0935 301548 2011-02-01	GLAUCONITIC V4V
0935 301549 2011-02-01	GLAUCONITIC W4W
0935 301550 2011-02-01	GLAUCONITIC X4X
0935 301551 2011-05-01	GLAUCONITIC Y4Y
0935 301552 2011-07-01	GLAUCONITIC Z4Z
0935 301701 2011-08-01	GLAUCONITIC A5A
0935 301702 2011-08-01	GLAUCONITIC B5B
0935 301703 2011-08-01	GLAUCONITIC C5C
0935 301704 2011-10-01	GLAUCONITIC D5D
0935 301705 2012-02-01	GLAUCONITIC E5E
0935 310001 2010-12-01	LOWER MANNVILLE A
0935 316001 2006-12-01	OSTRACOD A

**POOL DESIGNATION (cont'd)**

0935 316002 2001-02-01	OSTRACOD B
0935 316004 2001-02-01	OSTRACOD D
0935 316005 2001-02-01	OSTRACOD E
0935 316008 2011-02-01	OSTRACOD H
0935 316009 2009-10-01	OSTRACOD I
0935 316010 2001-02-01	OSTRACOD J
0935 316013 2006-06-01	OSTRACOD M
0935 316014 2001-02-01	OSTRACOD N
0935 316015 2001-02-01	OSTRACOD O
0935 316017 2001-02-01	OSTRACOD Q
0935 316018 2001-02-01	OSTRACOD R
0935 316020 2001-02-01	OSTRACOD T
0935 316021 2003-11-01	OSTRACOD U
0935 316022 2003-01-01	OSTRACOD V
0935 316023 2003-07-01	OSTRACOD W
0935 316024 2003-07-01	OSTRACOD X
0935 316025 2003-07-01	OSTRACOD Y
0935 316026 2010-04-01	OSTRACOD Z
0935 316027 2004-03-01	OSTRACOD AA
0935 316028 2010-04-01	OSTRACOD BB
0935 316029 2006-04-01	OSTRACOD CC
0935 316031 2007-12-01	OSTRACOD EE
0935 316032 2007-12-01	OSTRACOD FF
0935 316033 2008-02-01	OSTRACOD GG
0935 316034 2010-04-01	OSTRACOD HH
0935 316035 2009-06-01	OSTRACOD II
0935 316036 2010-12-01	OSTRACOD JJ
0935 316037 2011-02-01	OSTRACOD KK
0935 334001 2001-02-01	BASAL QUARTZ A
0935 334002 2010-04-01	BASAL QUARTZ B
0935 334003 2010-04-01	BASAL QUARTZ C
0935 334004 2001-02-01	BASAL QUARTZ D
0935 334005 2006-03-01	BASAL QUARTZ E
0935 334006 2001-02-01	BASAL QUARTZ F
0935 334007 2010-04-01	BASAL QUARTZ G
0935 334008 2001-02-01	BASAL QUARTZ H
0935 334009 2001-02-01	BASAL QUARTZ I

**POOL DESIGNATION (cont'd)**

0935 334010 2010-04-01	BASAL QUARTZ J
0935 334012 2002-02-01	BASAL QUARTZ L
0935 334013 2001-02-01	BASAL QUARTZ M
0935 334014 2010-04-01	BASAL QUARTZ N
0935 334015 2006-10-01	BASAL QUARTZ O
0935 334016 2001-02-01	BASAL QUARTZ P
0935 334018 2001-02-01	BASAL QUARTZ R
0935 334019 2001-02-01	BASAL QUARTZ S
0935 334021 2001-02-01	BASAL QUARTZ U
0935 334023 2006-12-01	BASAL QUARTZ W
0935 334025 2004-10-01	BASAL QUARTZ Y
0935 334027 2001-02-01	BASAL QUARTZ AA
0935 334028 2001-02-01	BASAL QUARTZ BB
0935 334030 2010-02-01	BASAL QUARTZ DD
0935 334032 2001-02-01	BASAL QUARTZ FF
0935 334033 2001-02-01	BASAL QUARTZ GG
0935 334040 2001-02-01	BASAL QUARTZ NN
0935 334041 2004-06-01	BASAL QUARTZ OO
0935 334042 2011-03-01	BASAL QUARTZ PP
0935 334045 2001-02-01	BASAL QUARTZ SS
0935 334046 2011-02-01	BASAL QUARTZ TT
0935 334047 2001-02-01	BASAL QUARTZ UU
0935 334048 2001-02-01	BASAL QUARTZ VV
0935 334049 2001-02-01	BASAL QUARTZ WW
0935 334051 2001-02-01	BASAL QUARTZ YY
0935 334052 2001-02-01	BASAL QUARTZ ZZ
0935 334105 2006-03-01	BASAL QUARTZ EEE
0935 334106 2001-10-01	BASAL QUARTZ FFF
0935 334108 2010-12-01	BASAL QUARTZ HHH
0935 334109 2001-02-01	BASAL QUARTZ III
0935 334110 2011-01-01	BASAL QUARTZ JJJ
0935 334111 2005-11-01	BASAL QUARTZ KKK
0935 334113 2003-09-01	BASAL QUARTZ MMM
0935 334114 2001-02-01	BASAL QUARTZ NNN
0935 334115 2001-02-01	BASAL QUARTZ OOO
0935 334119 2001-02-01	BASAL QUARTZ SSS
0935 334122 2008-09-01	BASAL QUARTZ VVV
0935 334124 2001-02-01	BASAL QUARTZ XXX

**POOL DESIGNATION (cont'd)**

0935 334125 2008-11-01	BASAL QUARTZ YYY
0935 334128 2009-12-01	BASAL QUARTZ B2B
0935 334129 2003-08-01	BASAL QUARTZ C2C
0935 334130 2001-03-01	BASAL QUARTZ D2D
0935 334131 2001-04-01	BASAL QUARTZ E2E
0935 334132 2001-12-01	BASAL QUARTZ F2F
0935 334133 2002-02-01	BASAL QUARTZ G2G
0935 334135 2010-04-01	BASAL QUARTZ I2I
0935 334137 2010-04-01	BASAL QUARTZ K2K
0935 334138 2010-04-01	BASAL QUARTZ L2L
0935 334139 2011-03-01	BASAL QUARTZ M2M
0935 334141 2010-04-01	BASAL QUARTZ O2O
0935 334142 2010-04-01	BASAL QUARTZ P2P
0935 334143 2003-07-01	BASAL QUARTZ Q2Q
0935 334144 2003-07-01	BASAL QUARTZ R2R
0935 334145 2003-07-01	BASAL QUARTZ S2S
0935 334147 2003-10-01	BASAL QUARTZ U2U
0935 334148 2012-01-01	BASAL QUARTZ V2V
0935 334151 2011-03-01	BASAL QUARTZ Y2Y
0935 334801 2010-04-01	BASAL QUARTZ A3A
0935 334802 2004-06-01	BASAL QUARTZ B3B
0935 334803 2010-04-01	BASAL QUARTZ C3C
0935 334804 2008-02-01	BASAL QUARTZ D3D
0935 334805 2005-03-01	BASAL QUARTZ E3E
0935 334807 2005-02-01	BASAL QUARTZ G3G
0935 334808 2005-11-01	BASAL QUARTZ H3H
0935 334810 2010-04-01	BASAL QUARTZ J3J
0935 334811 2010-04-01	BASAL QUARTZ K3K
0935 334812 2006-01-01	BASAL QUARTZ L3L
0935 334813 2010-04-01	BASAL QUARTZ M3M
0935 334814 2006-06-01	BASAL QUARTZ N3N
0935 334815 2006-05-01	BASAL QUARTZ O3O
0935 334816 2009-10-01	BASAL QUARTZ P3P
0935 334817 2007-10-01	BASAL QUARTZ Q3Q
0935 334818 2010-04-01	BASAL QUARTZ R3R
0935 334820 2008-06-01	BASAL QUARTZ T3T
0935 334821 2008-06-01	BASAL QUARTZ U3U
0935 334822 2011-09-01	BASAL QUARTZ V3V

**POOL DESIGNATION (cont'd)**

0935 334823	2009-05-01	BASAL QUARTZ W3W
0935 334824	2010-04-01	BASAL QUARTZ X3X
0935 334825	2009-07-01	BASAL QUARTZ Y3Y
0935 334826	2009-05-01	BASAL QUARTZ Z3Z
0935 334827	2009-09-01	BASAL QUARTZ A4A
0935 334828	2011-12-01	BASAL QUARTZ B4B
0935 334829	2009-09-01	BASAL QUARTZ C4C
0935 334830	2010-04-01	BASAL QUARTZ D4D
0935 334831	2009-12-01	BASAL QUARTZ E4E
0935 334832	2010-08-01	BASAL QUARTZ F4F
0935 334833	2010-08-01	BASAL QUARTZ G4G
0935 334834	2010-09-01	BASAL QUARTZ H4H
0935 334836	2010-03-01	BASAL QUARTZ J4J
0935 334837	2010-11-01	BASAL QUARTZ K4K
0935 334838	2010-05-01	BASAL QUARTZ L4L
0935 334839	2010-05-01	BASAL QUARTZ M4M
0935 334840	2010-07-01	BASAL QUARTZ N4N
0935 334841	2011-02-01	BASAL QUARTZ O4O
0935 334842	2011-02-01	BASAL QUARTZ P4P
0935 334843	2011-11-01	BASAL QUARTZ Q4Q
0935 334844	2011-11-01	BASAL QUARTZ R4R
0935 334845	2011-10-01	BASAL QUARTZ S4S
0935 334846	2011-12-01	BASAL QUARTZ T4T
0935 334847	2011-12-01	BASAL QUARTZ U4U
0935 334848	2012-02-01	BASAL QUARTZ V4V
0935 334849	2012-02-01	BASAL QUARTZ W4W
0935 334850	2011-08-01	BASAL QUARTZ X4X
0935 334851	2011-10-01	BASAL QUARTZ Y4Y
0935 334852	2011-09-01	BASAL QUARTZ Z4Z
0935 334901	2012-01-01	BASAL QUARTZ A5A
0935 334902	2012-01-01	BASAL QUARTZ B5B
0935 334903	2012-01-01	BASAL QUARTZ C5C
0935 334904	2012-01-01	BASAL QUARTZ D5D
0935 642001	2001-12-01	PEKISKO A
0935 644003	2001-10-01	BANFF C
0935 644004	2010-09-01	BANFF D

**POOL DESIGNATION (cont'd)**

0935 696001	2010-04-01	NISKU A
0935 696003	2004-10-01	NISKU C
0935 696005	2007-08-01	NISKU E
0935 696006	2003-02-01	NISKU F
0935 850200	2011-12-01	MFP8502 MED HAT
0935 850600	2011-12-01	MFP8506 BELLY RIVER
0935 854300	2011-12-01	MFP8543 BSL BELLY RIV
0935 858600	2011-08-01	MFP8586 LWR EDMONTON

**SPACING PATTERN**

SU 4181	6 May 2004
SU 4181A	8 Jun 2004
SU 4181B	23 Jun 2004
SU 4181C	15 Jul 2004
SU 4181D	20 Aug 2004
SU 4181E	2 Sep 2004
SU 4181F	11 Jan 2005
SU 4181G	18 Mar 2005
SU 4181H	6 Apr 2005
SU 4181I	8 Aug 2005
SU 4181J	16 Nov 2005
SU 4181K	13 Dec 2005
SU 4181L	23 Feb 2006
SU 4181M	3 May 2006
SU 4181N	19 May 2006
SU 4181O	17 Sep 2007

**COMMINGLED PRODUCTION**

MU 7938 21 Jun 2011

**ENHANCED RECOVERY SCHEMES**

App 10389E 2 Mar 2010  
Waterflood  
Basal Quartz YYY  
Cenovus Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 7770 13 Jul 1995  
App 7770A 30 May 2006  
Class III Acid Gas  
EnCana Corporation

App 9864 7 Jun 2004  
Class Ib  
Newalta Corporation

App 10686 30 Jan 2007  
Class II  
EnCana Corporation

App 11046 31 Oct 2007  
Class II  
Tristar Oil & Gas Ltd.

**COMPULSORY POOLING**

P 240            17 Oct 2003  
Section 8-29-20W4  
Glauconic and Ostracod Gas  
Bears paw Petroleum Ltd.

P 241            17 Oct 2003  
P 241A          23 Mar 2004  
P 241B          26 Apr 2006  
Section 08-029-20W4M  
Viking Gas  
Bears paw Petroleum Ltd.

P 242            17 Oct 2003  
Section 8-29-20W4  
Glauconic Gas  
Bears paw Petroleum Ltd.

**FIELD DESIGNATION**

0960 2010-12-01 WEASEL FIELD

**POOL DESIGNATION**

0960 250001 2011-04-01 UPPER MANNVILLE A  
0960 250002 2011-05-01 UPPER MANNVILLE B  
0960 250003 2011-05-01 UPPER MANNVILLE C

0960 300001 2010-04-01 GLAUCONITIC A  
0960 300002 2011-05-01 GLAUCONITIC B

0960 336001 2010-04-01 ELLERSLIE A  
0960 336002 2011-10-01 ELLERSLIE B

**FIELD DESIGNATION**

0937 2005-01-01            WEBSTER FIELD

**POOL DESIGNATION**

0937 232001 2012-01-01    CADOTTE A  
0937 250001 2001-02-01    UPPER MANNVILLE A  
0937 304001 2004-12-01    BLUESKY A  
0937 310001 2012-01-01    LOWER MANNVILLE A  
0937 326001 2005-09-01    GETHING A  
0937 508004 2010-04-01    CHARLIE LAKE D  
0937 516001 2001-03-01    HALFWAY A  
0937 516002 2005-10-01    HALFWAY B  
0937 556001 2001-02-01    BELLOY A

**COMMINGLED PRODUCTION**

MU 2774        8 Nov 2002

**FIELD DESIGNATION**

0939 2003-02-01 WELLBURN FIELD

**POOL DESIGNATION**

0939 158001 2001-02-01 MILK RIVER A

0939 202001 2005-05-01 FISH SCALE A

0939 204001 2004-02-01 BARONS A

0939 204002 2004-08-01 BARONS B

0939 213001 2001-02-01 BOW ISLAND A

0939 213002 2001-02-01 BOW ISLAND B

0939 213003 2001-02-01 BOW ISLAND C

0939 213004 2001-02-01 BOW ISLAND D

0939 213005 2010-04-01 BOW ISLAND E

0939 213006 2003-02-01 BOW ISLAND F

0939 213007 2003-05-01 BOW ISLAND G

0939 213008 2003-06-01 BOW ISLAND H

0939 346001 2001-02-01 TABER A

0939 346002 2001-02-01 TABER B

0939 428001 2010-04-01 SAWTOOTH A

0939 428002 2001-02-01 SAWTOOTH B

0939 628001 2001-02-01 LIVINGSTONE A

**SPACING PATTERN**

SU 2802 6 Feb 1997

SU 2802A 25 Jul 2000

**COMMINGLED PRODUCTION**

MU 3700 24 Aug 2004

**FIELD DESIGNATION**

0948 2012-01-01            WEMBLEY FIELD

**POOL DESIGNATION**

0948 190001 2001-02-01    DOE CREEK A

0948 192001 2001-02-01    DUNVEGAN A

0948 192002 2001-02-01    DUNVEGAN B

0948 192003 2001-02-01    DUNVEGAN C

0948 192004 2001-02-01    DUNVEGAN D

0948 192005 2001-02-01    DUNVEGAN E

0948 192006 2008-10-01    DUNVEGAN F

0948 230001 2001-03-01    PADDY A

0948 230002 2001-02-01    PADDY B

0948 230003 2006-03-01    PADDY C

0948 232001 2001-03-01    CADOTTE A

0948 271501 2001-02-01    FALHER A

0948 304001 2004-08-01    BLUESKY A

0948 326001 2001-02-01    GETHING A

0948 326002 2005-02-01    GETHING B

0948 408001 2001-02-01    NIKANASSIN A

0948 408002 2007-12-01    NIKANASSIN B

0948 408003 2011-12-01    NIKANASSIN C

0948 508001 2001-02-01    CHARLIE LAKE A

0948 508002 2003-02-01    CHARLIE LAKE B

0948 508003 2001-02-01    CHARLIE LAKE C

0948 508004 2001-02-01    CHARLIE LAKE D

0948 508006 2010-04-01    CHARLIE LAKE F

0948 508007 2010-04-01    CHARLIE LAKE G

**POOL DESIGNATION (cont'd)**

0948 508008 2001-02-01 CHARLIE LAKE H  
0948 508009 2001-02-01 CHARLIE LAKE I  
0948 508010 2001-02-01 CHARLIE LAKE J  
0948 508011 2002-10-01 CHARLIE LAKE K  
0948 508012 2008-07-01 CHARLIE LAKE L  
0948 508013 2012-02-01 CHARLIE LAKE M

0948 516018 2010-04-01 HALFWAY R  
0948 516021 2001-02-01 HALFWAY U  
0948 516022 2001-02-01 HALFWAY V  
0948 516023 2001-02-01 HALFWAY W  
0948 516024 2001-02-01 HALFWAY X  
0948 516025 2001-02-01 HALFWAY Y  
0948 516026 2003-01-01 HALFWAY Z  
0948 516027 2010-04-01 HALFWAY AA  
0948 516028 2004-02-01 HALFWAY BB  
0948 516029 2009-08-01 HALFWAY CC  
0948 516030 2012-01-01 HALFWAY DD

0948 520005 2010-04-01 DOIG E  
0948 520006 2001-02-01 DOIG F  
0948 520007 2012-01-01 DOIG G  
0948 520010 2003-12-01 DOIG J  
0948 520013 2007-01-01 DOIG M  
0948 520015 2007-05-01 DOIG O

0948 524001 2001-02-01 MONTNEY A  
0948 524002 2011-12-01 MONTNEY B  
0948 524003 2001-03-01 MONTNEY C  
0948 524004 2003-03-01 MONTNEY D  
0948 524005 2009-08-01 MONTNEY E  
0948 524006 2008-01-01 MONTNEY F  
0948 524007 2008-05-01 MONTNEY G  
0948 524008 2008-03-01 MONTNEY H

0948 852400 2010-04-01 MFP8524 HALFWAY

**SPACING PATTERN**

SU 2933 6 Jul 1999  
SU 2933A 4 Oct 2000  
SU 2933B 13 Jun 2001  
SU 2933C 31 Aug 2001  
SU 2933D 10 Jan 2002  
SU 2933E 13 Aug 2002  
SU 2933F 24 Aug 2005

**MISCELLANEOUS ORDERS**

MISC 2006-70B 8 Jan 2009  
Gas production  
Halfway s  
ConocoPhillips Canada Resources Corp.

**COMMINGLED PRODUCTION**

MU 7070 21 Oct 2008

**GAS CYCLING**

App 10633 15 Nov 2006  
Halfway B  
ConocoPhillips Canada Resources  
Corporation

**ENHANCED RECOVERY SCHEMES**

App 7208D 2 May 2011  
Waterflood  
MFP8524 Halfway  
Canadian Natural Resources Limited

App 7926C 2 May 2011  
Waterflood  
MFP8524 Halfway  
Canadian Natural Resources Limited

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

App 7927H 2 May 2011  
Waterflood  
MFP8524 Halfway  
Canadian Natural Resources Limited

App 8345I 3 Oct 2011  
Waterflood  
MFP8524 Halfway  
Canadian Natural Resources Limited

App 8516F 2 May 2011  
Waterflood  
MFP8524 Halfway  
Canadian Natural Resources Limited

App 10650B 2 May 2011  
Waterflood  
MFP8524 Halfway  
Canadian Natural Resources Limited

**SUBSURFACE DISPOSAL SCHEMES**

App 9565 16 Sep 2003  
Class II  
ConocoPhillips Canada Resources Corp.

App 9925B 29 Jul 2011  
Class Ib  
CCS Corporation

App 10341A 29 Jul 2011  
Class II  
CCS Corporation

**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 10693A 11 Aug 2009  
Class III Acid Gas  
ConocoPhillips Canada Resources Corp.

App 11213 27 Jun 2008  
Class Ib  
Secure Energy Services Inc.

**FIELD DESIGNATION**

0768 2008-02-01 WEST COVE FIELD

**POOL DESIGNATION**

0768 126002 2005-09-01 BELLY RIVER B

0768 126003 2006-02-01 BELLY RIVER C

0768 134001 2006-01-01 BASAL BELLY RIVER A

0768 444001 2001-02-01 NORDEGG A

0768 444002 2004-11-01 NORDEGG B

0768 444003 2009-10-01 NORDEGG C

0768 444301 2001-02-01 NORDEGG-BANFF A

0768 444302 2001-02-01 NORDEGG-BANFF B

0768 444303 2001-02-01 NORDEGG-BANFF C

**FIELD DESIGNATION**

0938 2010-03-01 WEST DRUMHELLER FIELD

**POOL DESIGNATION**

0938 134001 2010-04-01 BASAL BELLY RIVER A

0938 218002 2011-04-01 VIKING B  
0938 218003 2010-04-01 VIKING C  
0938 218004 2005-10-01 VIKING D  
0938 218005 2006-09-01 VIKING E  
0938 218006 2007-10-01 VIKING F  
0938 218007 2007-11-01 VIKING G  
0938 218009 2008-05-01 VIKING I  
0938 218010 2008-08-01 VIKING J  
0938 218011 2011-12-01 VIKING K

0938 300002 2001-02-01 GLAUCONITIC B  
0938 300003 2001-02-01 GLAUCONITIC C  
0938 300004 2001-02-01 GLAUCONITIC D  
0938 300005 2010-08-01 GLAUCONITIC E  
0938 300006 2011-12-01 GLAUCONITIC F

0938 316001 2003-08-01 OSTRACOD A  
0938 316002 2004-07-01 OSTRACOD B

0938 336002 2001-02-01 ELLERSLIE B  
0938 336003 2002-03-01 ELLERSLIE C  
0938 336006 2004-02-01 ELLERSLIE F  
0938 336007 2007-08-01 ELLERSLIE G  
0938 336008 2011-10-01 ELLERSLIE H

0938 696001 2010-04-01 D-2 A  
0938 696002 2001-02-01 D-2 B

0938 710001 2010-04-01 IRETON A

**POOL DESIGNATION (cont'd)**

0938 720001 2001-02-01 D-3 A  
0938 720002 2001-02-01 D-3 B  
  
0938 850600 2011-01-01 MFP8506 BELLY RIVER  
  
0938 853500 2011-01-01 MFP8535 BSL BELLY RIV

**SPACING PATTERN**

SU 4188 8 Jun 2004  
SU 4188A 17 Sep 2004  
SU 4188B 28 Apr 2005  
SU 4188C 5 Aug 2005  
SU 4188D 25 May 2007

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

App 6531 17 Jun 1991  
App 6531A 13 Apr 1994  
Class II  
Deep Basin Petroleum Corporation

**MISCELLANEOUS ORDERS**

MISC 7106 4 May 1971  
Exemption from provisions under  
Section 606 of Regs

App 7380 16 Dec 1993  
Class II  
Norcen Energy Resources Limited

App 8053 18 Dec 1996  
Class II  
C&D Oil & Gas Ltd.

**COMMINGLED PRODUCTION**

MU 7890 30 May 2011

**COMPULSORY POOLING**

**SUBSURFACE DISPOSAL SCHEMES**

App 3944 26 Aug 1983  
App 3944A 29 Apr 1986  
App 3944B 3 Jul 1990  
Class II  
Pembina Resources Limited

P 196 26 Sep 2000  
Gas - Glauconitic  
Sec 2-30-32 W4M  
Bears paw Petroleum Ltd.

App 5274B 18 Oct 2011  
Class II  
Sonde Resources Corp.

**FIELD DESIGNATION**

1299 2003-09-01                      WEST PRAIRIE FIELD

**POOL DESIGNATION**

1299 266001 2003-09-01            NOTIKEWIN A

1299 326001 2006-04-01            GETHING A

1299 765501 2010-04-01            GILWOOD A

**SPACING PATTERN**

SU 2570            7 Mar 1996

**FIELD DESIGNATION**

0941 2011-08-01 WESTEROSE FIELD

**POOL DESIGNATION**

0941 218000 2001-02-01 VIKING  
0941 218003 2005-06-01 VIKING C  
0941 218004 2005-06-01 VIKING D  
0941 218005 2012-01-01 VIKING E

0941 250001 2001-02-01 UPPER MANNVILLE A  
0941 250002 2006-01-01 UPPER MANNVILLE B  
0941 250004 2001-02-01 UPPER MANNVILLE D  
0941 250005 2001-02-01 UPPER MANNVILLE E  
0941 250006 2001-02-01 UPPER MANNVILLE F  
0941 250007 2010-04-01 UPPER MANNVILLE G  
0941 250008 2001-02-01 UPPER MANNVILLE H  
0941 250011 2010-04-01 UPPER MANNVILLE K  
0941 250013 2001-02-01 UPPER MANNVILLE M  
0941 250015 2010-04-01 UPPER MANNVILLE O  
0941 250016 2010-04-01 UPPER MANNVILLE P  
0941 250017 2005-01-01 UPPER MANNVILLE Q  
0941 250018 2005-11-01 UPPER MANNVILLE R  
0941 250019 2008-05-01 UPPER MANNVILLE S  
0941 250020 2009-10-01 UPPER MANNVILLE T  
0941 250021 2011-06-01 UPPER MANNVILLE U

0941 310001 2010-04-01 LOWER MANNVILLE A  
0941 310002 2006-06-01 LOWER MANNVILLE B  
0941 310003 2001-02-01 LOWER MANNVILLE C  
0941 310004 2001-02-01 LOWER MANNVILLE D  
0941 310005 2001-02-01 LOWER MANNVILLE E  
0941 310006 2006-06-01 LOWER MANNVILLE F  
0941 310007 2001-02-01 LOWER MANNVILLE G  
0941 310009 2001-02-01 LOWER MANNVILLE I  
0941 310010 2001-03-01 LOWER MANNVILLE J  
0941 310011 2001-02-01 LOWER MANNVILLE K

**POOL DESIGNATION (cont'd)**

0941 310012 2001-02-01	LOWER MANNVILLE L
0941 310013 2009-10-01	LOWER MANNVILLE M
0941 310014 2010-04-01	LOWER MANNVILLE N
0941 310015 2001-02-01	LOWER MANNVILLE O
0941 310016 2001-02-01	LOWER MANNVILLE P
0941 310017 2001-02-01	LOWER MANNVILLE Q
0941 310018 2001-02-01	LOWER MANNVILLE R
0941 310019 2001-02-01	LOWER MANNVILLE S
0941 310020 2001-03-01	LOWER MANNVILLE T
0941 310021 2002-01-01	LOWER MANNVILLE U
0941 310022 2003-10-01	LOWER MANNVILLE V
0941 310023 2002-06-01	LOWER MANNVILLE W
0941 310024 2003-07-01	LOWER MANNVILLE X
0941 310025 2004-02-01	LOWER MANNVILLE Y
0941 310026 2004-03-01	LOWER MANNVILLE Z
0941 310027 2011-12-01	LOWER MANNVILLE AA
0941 310028 2004-04-01	LOWER MANNVILLE BB
0941 310029 2009-04-01	LOWER MANNVILLE CC
0941 310030 2004-07-01	LOWER MANNVILLE DD
0941 310031 2004-09-01	LOWER MANNVILLE EE
0941 310032 2005-01-01	LOWER MANNVILLE FF
0941 310033 2005-02-01	LOWER MANNVILLE GG
0941 310035 2006-05-01	LOWER MANNVILLE II
0941 310036 2006-06-01	LOWER MANNVILLE JJ
0941 310037 2010-04-01	LOWER MANNVILLE KK
0941 310038 2007-02-01	LOWER MANNVILLE LL
0941 310039 2010-04-01	LOWER MANNVILLE MM
0941 310040 2007-10-01	LOWER MANNVILLE NN
0941 310041 2010-04-01	LOWER MANNVILLE OO
0941 310042 2010-04-01	LOWER MANNVILLE PP
0941 310043 2011-12-01	LOWER MANNVILLE QQ
0941 310044 2010-04-01	LOWER MANNVILLE RR
0941 310045 2009-08-01	LOWER MANNVILLE SS
0941 310047 2012-01-01	LOWER MANNVILLE UU
0941 310048 2012-01-01	LOWER MANNVILLE VV
0941 310049 2012-01-01	LOWER MANNVILLE WW
0941 316001 2005-01-01	OSTRACOD A

**POOL DESIGNATION (cont'd)**

0941 316002 2006-01-01    OSTRACOD B  
0941 658001 2010-04-01    WABAMUN A  
0941 720000 2003-09-01    D-3

**SPACING PATTERN**

SU 4144        19 Jan 2004  
SU 4144A      22 Mar 2004  
SU 4144B      12 May 2004  
SU 4144C      23 Apr 2005  
SU 4144D      26 Aug 2005  
SU 4144E      15 Dec 2005  
SU 4144F      27 Apr 2006  
SU 4144G      18 Apr 2007  
SU 4144H      11 Jul 2007  
SU 4144I      28 Aug 2007

**COMMINGLED PRODUCTION**

MU 6758       23 Oct 2007

**ENHANCED RECOVERY SCHEMES**

App 8621       11 Aug 2000  
App 8621A      6 Aug 2002  
App 8621B      28 Oct 2002  
Other  
Banff B  
Penn West Petroleum Ltd.

**CONCURRENT PRODUCTION**

App 8285       2 Mar 1998  
App 8285A      8 Oct 1999  
App 8285B      9 Nov 1999  
App 8285C      1 Feb 2002  
App 8285D      26 Aug 2003  
D-3  
ConocoPhillips Canada Resources Corp.

**SUBSURFACE DISPOSAL SCHEMES**

App 9562       27 Aug 2003  
Class II  
ConocoPhillips Canada Resources Corp.

**FIELD DESIGNATION**

0943 2010-12-01 WESTEROSE SOUTH FIELD

**POOL DESIGNATION**

0943 064001 2005-05-01 PASKAPOO A  
0943 064002 2007-07-01 PASKAPOO B  
0943 064003 2005-06-01 PASKAPOO C  
0943 064004 2008-05-01 PASKAPOO D  
0943 064005 2010-06-01 PASKAPOO E

0943 106011 2004-05-01 EDMONTON K  
0943 106610 2010-04-01 EDMONTON JJJ  
0943 106611 2010-06-01 EDMONTON KKK

0943 118801 2006-11-01 LOWER EDMONTON A  
0943 118819 2006-11-01 LOWER EDMONTON S  
0943 118822 2007-02-01 LOWER EDMONTON V  
0943 118833 2009-02-01 LOWER EDMONTON GG  
0943 118834 2010-06-01 LOWER EDMONTON HH

0943 126002 2001-02-01 BELLY RIVER B  
0943 126004 2004-11-01 BELLY RIVER D  
0943 126005 2010-06-01 BELLY RIVER E  
0943 126006 2010-04-01 BELLY RIVER F  
0943 126007 2010-04-01 BELLY RIVER G  
0943 126009 2010-04-01 BELLY RIVER I  
0943 126010 2006-12-01 BELLY RIVER J  
0943 126011 2010-09-01 BELLY RIVER K  
0943 126012 2006-09-01 BELLY RIVER L  
0943 126013 2010-04-01 BELLY RIVER M  
0943 126014 2010-04-01 BELLY RIVER N  
0943 126015 2008-05-01 BELLY RIVER O  
0943 126016 2010-04-01 BELLY RIVER P  
0943 126017 2010-07-01 BELLY RIVER Q

0943 134001 2010-09-01 BASAL BELLY RIVER A

**POOL DESIGNATION (cont'd)**

0943 134002 2005-07-01	BASAL BELLY RIVER B
0943 134005 2010-04-01	BASAL BELLY RIVER E
0943 134006 2007-01-01	BASAL BELLY RIVER F
0943 186001 2001-11-01	SECOND WHITE SPECKS A
0943 218001 2003-10-01	VIKING A
0943 218002 2001-02-01	VIKING B
0943 218003 2002-02-01	VIKING C
0943 218004 2002-06-01	VIKING D
0943 218005 2007-04-01	VIKING E
0943 218006 2009-05-01	VIKING F
0943 218007 2011-02-01	VIKING G
0943 218008 2011-11-01	VIKING H
0943 250001 2010-04-01	UPPER MANNVILLE A
0943 250002 2004-02-01	UPPER MANNVILLE B
0943 250003 2010-04-01	UPPER MANNVILLE C
0943 250004 2005-01-01	UPPER MANNVILLE D
0943 250005 2005-07-01	UPPER MANNVILLE E
0943 250006 2008-06-01	UPPER MANNVILLE F
0943 250007 2006-02-01	UPPER MANNVILLE G
0943 250008 2006-04-01	UPPER MANNVILLE H
0943 250009 2006-07-01	UPPER MANNVILLE I
0943 250010 2010-04-01	UPPER MANNVILLE J
0943 250011 2010-04-01	UPPER MANNVILLE K
0943 250012 2007-12-01	UPPER MANNVILLE L
0943 250013 2010-04-01	UPPER MANNVILLE M
0943 250014 2010-04-01	UPPER MANNVILLE N
0943 250015 2010-04-01	UPPER MANNVILLE O
0943 250016 2010-04-01	UPPER MANNVILLE P
0943 250017 2009-03-01	UPPER MANNVILLE Q
0943 250018 2009-10-01	UPPER MANNVILLE R
0943 250019 2011-02-01	UPPER MANNVILLE S
0943 300001 2011-12-01	GLAUCONITIC A
0943 300002 2001-02-01	GLAUCONITIC B
0943 300003 2010-04-01	GLAUCONITIC C

**POOL DESIGNATION (cont'd)**

0943 300004	2001-02-01	GLAUCONITIC D
0943 300005	2010-12-01	GLAUCONITIC E
0943 300006	2005-05-01	GLAUCONITIC F
0943 300007	2001-02-01	GLAUCONITIC G
0943 300008	2001-02-01	GLAUCONITIC H
0943 300009	2001-02-01	GLAUCONITIC I
0943 300010	2009-03-01	GLAUCONITIC J
0943 300011	2009-05-01	GLAUCONITIC K
0943 300012	2001-08-01	GLAUCONITIC L
0943 300013	2003-05-01	GLAUCONITIC M
0943 300014	2003-10-01	GLAUCONITIC N
0943 300015	2004-01-01	GLAUCONITIC O
0943 300016	2010-04-01	GLAUCONITIC P
0943 300019	2006-03-01	GLAUCONITIC S
0943 300020	2010-04-01	GLAUCONITIC T
0943 300021	2005-06-01	GLAUCONITIC U
0943 300023	2005-06-01	GLAUCONITIC W
0943 300024	2005-10-01	GLAUCONITIC X
0943 300025	2010-04-01	GLAUCONITIC Y
0943 300026	2005-11-01	GLAUCONITIC Z
0943 300027	2006-01-01	GLAUCONITIC AA
0943 300028	2006-05-01	GLAUCONITIC BB
0943 300029	2010-04-01	GLAUCONITIC CC
0943 300030	2010-04-01	GLAUCONITIC DD
0943 300031	2006-05-01	GLAUCONITIC EE
0943 300032	2007-03-01	GLAUCONITIC FF
0943 300033	2007-06-01	GLAUCONITIC GG
0943 300034	2007-12-01	GLAUCONITIC HH
0943 300035	2010-04-01	GLAUCONITIC II
0943 300036	2008-09-01	GLAUCONITIC JJ
0943 300037	2009-07-01	GLAUCONITIC KK
0943 300038	2009-07-01	GLAUCONITIC LL
0943 300039	2010-04-01	GLAUCONITIC MM
0943 300040	2009-10-01	GLAUCONITIC NN
0943 300041	2010-04-01	GLAUCONITIC OO
0943 300042	2010-04-01	GLAUCONITIC PP
0943 300043	2010-05-01	GLAUCONITIC QQ
0943 300044	2011-02-01	GLAUCONITIC RR

**POOL DESIGNATION (cont'd)**

0943 316001 2001-02-01	OSTRACOD A
0943 316002 2001-02-01	OSTRACOD B
0943 316003 2005-06-01	OSTRACOD C
0943 316004 2006-04-01	OSTRACOD D
0943 316005 2009-01-01	OSTRACOD E
0943 334001 2001-02-01	BASAL QUARTZ A
0943 334002 2001-02-01	BASAL QUARTZ B
0943 334003 2005-06-01	BASAL QUARTZ C
0943 334004 2001-02-01	BASAL QUARTZ D
0943 334005 2001-02-01	BASAL QUARTZ E
0943 334006 2010-04-01	BASAL QUARTZ F
0943 334007 2001-02-01	BASAL QUARTZ G
0943 334008 2001-02-01	BASAL QUARTZ H
0943 334009 2004-08-01	BASAL QUARTZ I
0943 334011 2001-02-01	BASAL QUARTZ K
0943 334013 2001-02-01	BASAL QUARTZ M
0943 334014 2002-01-01	BASAL QUARTZ N
0943 334015 2001-02-01	BASAL QUARTZ O
0943 334016 2001-02-01	BASAL QUARTZ P
0943 334017 2010-08-01	BASAL QUARTZ Q
0943 334018 2001-02-01	BASAL QUARTZ R
0943 334020 2002-01-01	BASAL QUARTZ T
0943 334021 2002-07-01	BASAL QUARTZ U
0943 334022 2002-06-01	BASAL QUARTZ V
0943 334023 2003-08-01	BASAL QUARTZ W
0943 334024 2003-05-01	BASAL QUARTZ X
0943 334025 2003-09-01	BASAL QUARTZ Y
0943 334026 2010-04-01	BASAL QUARTZ Z
0943 334027 2003-09-01	BASAL QUARTZ AA
0943 334028 2004-04-01	BASAL QUARTZ BB
0943 334029 2004-04-01	BASAL QUARTZ CC
0943 334030 2010-04-01	BASAL QUARTZ DD
0943 334031 2005-01-01	BASAL QUARTZ EE
0943 334032 2004-07-01	BASAL QUARTZ FF
0943 334033 2004-07-01	BASAL QUARTZ GG
0943 334034 2010-04-01	BASAL QUARTZ HH
0943 334035 2010-04-01	BASAL QUARTZ II

**POOL DESIGNATION (cont'd)**

0943 334036 2010-04-01	BASAL QUARTZ JJ
0943 334037 2010-04-01	BASAL QUARTZ KK
0943 334038 2010-04-01	BASAL QUARTZ LL
0943 334039 2005-02-01	BASAL QUARTZ MM
0943 334040 2005-08-01	BASAL QUARTZ NN
0943 334041 2006-11-01	BASAL QUARTZ OO
0943 334042 2010-04-01	BASAL QUARTZ PP
0943 334043 2005-11-01	BASAL QUARTZ QQ
0943 334044 2006-01-01	BASAL QUARTZ RR
0943 334046 2006-04-01	BASAL QUARTZ TT
0943 334047 2006-05-01	BASAL QUARTZ UU
0943 334048 2006-08-01	BASAL QUARTZ VV
0943 334049 2010-04-01	BASAL QUARTZ WW
0943 334050 2010-04-01	BASAL QUARTZ XX
0943 334051 2010-04-01	BASAL QUARTZ YY
0943 334052 2010-04-01	BASAL QUARTZ ZZ
0943 334101 2007-03-01	BASAL QUARTZ AAA
0943 334102 2007-11-01	BASAL QUARTZ BBB
0943 334103 2010-04-01	BASAL QUARTZ CCC
0943 334104 2008-05-01	BASAL QUARTZ DDD
0943 334105 2008-05-01	BASAL QUARTZ EEE
0943 334106 2008-05-01	BASAL QUARTZ FFF
0943 334107 2010-04-01	BASAL QUARTZ GGG
0943 334108 2008-06-01	BASAL QUARTZ HHH
0943 334109 2010-04-01	BASAL QUARTZ III
0943 334110 2010-04-01	BASAL QUARTZ JJJ
0943 334111 2010-04-01	BASAL QUARTZ KKK
0943 334112 2010-04-01	BASAL QUARTZ LLL
0943 334113 2010-04-01	BASAL QUARTZ MMM
0943 334114 2010-04-01	BASAL QUARTZ NNN
0943 334115 2010-04-01	BASAL QUARTZ OOO
0943 334116 2009-03-01	BASAL QUARTZ PPP
0943 334117 2009-05-01	BASAL QUARTZ QQQ
0943 334118 2010-04-01	BASAL QUARTZ RRR
0943 334119 2010-04-01	BASAL QUARTZ SSS
0943 334120 2009-09-01	BASAL QUARTZ TTT
0943 334121 2009-10-01	BASAL QUARTZ UUU
0943 334122 2010-04-01	BASAL QUARTZ VVV

**POOL DESIGNATION (cont'd)**

0943 334123 2010-04-01	BASAL QUARTZ WWW
0943 334124 2011-09-01	BASAL QUARTZ XXX
0943 642001 2004-03-01	PEKISKO A
0943 642002 2010-04-01	PEKISKO B
0943 644001 2001-02-01	BANFF A
0943 644002 2009-06-01	BANFF B
0943 644003 2001-06-01	BANFF C
0943 644004 2001-02-01	BANFF D
0943 644005 2002-09-01	BANFF E
0943 644006 2001-02-01	BANFF F
0943 644009 2001-06-01	BANFF I
0943 644010 2001-03-01	BANFF J
0943 644011 2001-06-01	BANFF K
0943 644012 2001-06-01	BANFF L
0943 644013 2003-12-01	BANFF M
0943 644014 2008-06-01	BANFF N
0943 644015 2008-10-01	BANFF O
0943 644016 2010-04-01	BANFF P
0943 658001 2001-02-01	D-1 A
0943 658002 2001-03-01	D-1 B
0943 658003 2002-02-01	D-1 C
0943 658004 2005-06-01	D-1 D
0943 720001 2010-04-01	D-3 A
0943 856400 2010-08-01	MFP8564 EDMONTON
0943 856500 2010-08-01	MFP8565 LWR EDMONTON

**SPACING PATTERN**

SU 4232 20 Nov 2004  
SU 4232A 3 Dec 2004  
SU 4232B 12 Jan 2005  
SU 4232C 11 Feb 2005  
SU 4232D 26 Mar 2005  
SU 4232E 16 Apr 2005  
SU 4232F 6 May 2005  
SU 4232G 12 Jul 2005  
SU 4232H 21 Jul 2005  
SU 4232I 26 Aug 2005  
SU 4232J 14 Dec 2005  
SU 4232K 6 Feb 2006  
SU 4232L 20 Mar 2006  
SU 4232M 11 Apr 2006  
SU 4232N 15 Jun 2006  
SU 4232O 8 Sep 2006  
SU 4232P 16 Nov 2006

**COMPULSORY POOLING**

P 164 13 Nov 1997  
Sec 8-44-3 W5M  
Crestar Energy Inc.

**COMMINGLED PRODUCTION**

MU 7583 2 Nov 2010

**ENHANCED RECOVERY SCHEMES**

App 10442D 10 Jan 2012  
Waterflood  
Banff C  
Longview Oil Corp.

**SUBSURFACE DISPOSAL SCHEMES**

App 9556 27 Aug 2003  
Class II  
ConocoPhillips Canada Resources Corp.

**FIELD DESIGNATION**

0946 2011-08-01 WESTLOCK FIELD

**POOL DESIGNATION**

0946 126001 2001-02-01 BELLY RIVER A  
0946 126002 2010-04-01 BELLY RIVER B  
0946 126003 2010-06-01 BELLY RIVER C

0946 186001 2008-03-01 SECOND WHITE SPECKS A

0946 218000 2011-08-01 VIKING  
0946 218002 2010-04-01 VIKING B  
0946 218006 2010-04-01 VIKING F  
0946 218007 2010-04-01 VIKING G  
0946 218009 2010-04-01 VIKING I  
0946 218010 2003-02-01 VIKING J  
0946 218011 2001-02-01 VIKING K  
0946 218012 2010-04-01 VIKING L  
0946 218013 2010-04-01 VIKING M  
0946 218014 2011-08-01 VIKING N  
0946 218016 2001-02-01 VIKING P  
0946 218017 2001-02-01 VIKING Q  
0946 218018 2010-04-01 VIKING R  
0946 218019 2001-02-01 VIKING S  
0946 218020 2010-04-01 VIKING T  
0946 218021 2012-01-01 VIKING U  
0946 218022 2010-04-01 VIKING V  
0946 218023 2001-02-01 VIKING W  
0946 218025 2003-10-01 VIKING Y  
0946 218026 2001-02-01 VIKING Z  
0946 218027 2001-02-01 VIKING AA  
0946 218028 2001-02-01 VIKING BB  
0946 218029 2001-02-01 VIKING CC  
0946 218030 2006-03-01 VIKING DD  
0946 218031 2001-02-01 VIKING EE  
0946 218032 2006-03-01 VIKING FF

**POOL DESIGNATION (cont'd)**

0946 218033	2001-02-01	VIKING GG
0946 218034	2004-05-01	VIKING HH
0946 218035	2004-11-01	VIKING II
0946 218036	2005-05-01	VIKING JJ
0946 218037	2006-02-01	VIKING KK
0946 218038	2006-07-01	VIKING LL
0946 218039	2007-12-01	VIKING MM
0946 218040	2007-12-01	VIKING NN
0946 218041	2007-12-01	VIKING OO
0946 218042	2010-05-01	VIKING PP
0946 218043	2010-06-01	VIKING QQ
0946 218044	2011-05-01	VIKING RR
0946 218045	2011-06-01	VIKING SS
0946 221002	2010-04-01	MIDDLE VIKING B
0946 250001	2001-02-01	UPPER MANNVILLE A
0946 250002	2001-02-01	UPPER MANNVILLE B
0946 250003	2001-02-01	UPPER MANNVILLE C
0946 250004	2001-02-01	UPPER MANNVILLE D
0946 250005	2001-02-01	UPPER MANNVILLE E
0946 250007	2001-02-01	UPPER MANNVILLE G
0946 250008	2001-02-01	UPPER MANNVILLE H
0946 250009	2010-04-01	UPPER MANNVILLE I
0946 250010	2010-04-01	UPPER MANNVILLE J
0946 250011	2001-02-01	UPPER MANNVILLE K
0946 250012	2001-02-01	UPPER MANNVILLE L
0946 250013	2001-02-01	UPPER MANNVILLE M
0946 250014	2001-02-01	UPPER MANNVILLE N
0946 250015	2001-02-01	UPPER MANNVILLE O
0946 250016	2001-02-01	UPPER MANNVILLE P
0946 250017	2005-11-01	UPPER MANNVILLE Q
0946 250018	2001-02-01	UPPER MANNVILLE R
0946 250019	2001-02-01	UPPER MANNVILLE S
0946 250020	2001-02-01	UPPER MANNVILLE T
0946 250021	2001-02-01	UPPER MANNVILLE U
0946 250022	2008-08-01	UPPER MANNVILLE V
0946 250024	2001-02-01	UPPER MANNVILLE X

**POOL DESIGNATION (cont'd)**

0946 250025	2001-02-01	UPPER MANNVILLE Y
0946 250026	2001-02-01	UPPER MANNVILLE Z
0946 250027	2001-02-01	UPPER MANNVILLE AA
0946 250028	2001-02-01	UPPER MANNVILLE BB
0946 250029	2001-02-01	UPPER MANNVILLE CC
0946 250030	2001-02-01	UPPER MANNVILLE DD
0946 250031	2001-02-01	UPPER MANNVILLE EE
0946 250032	2001-02-01	UPPER MANNVILLE FF
0946 250033	2001-02-01	UPPER MANNVILLE GG
0946 250034	2001-02-01	UPPER MANNVILLE HH
0946 250035	2010-04-01	UPPER MANNVILLE II
0946 250036	2001-02-01	UPPER MANNVILLE JJ
0946 250037	2001-03-01	UPPER MANNVILLE KK
0946 250038	2001-10-01	UPPER MANNVILLE LL
0946 250039	2001-09-01	UPPER MANNVILLE MM
0946 250040	2001-12-01	UPPER MANNVILLE NN
0946 250041	2007-01-01	UPPER MANNVILLE OO
0946 250042	2002-05-01	UPPER MANNVILLE PP
0946 250043	2010-04-01	UPPER MANNVILLE QQ
0946 250044	2002-05-01	UPPER MANNVILLE RR
0946 250045	2002-07-01	UPPER MANNVILLE SS
0946 250046	2002-05-01	UPPER MANNVILLE TT
0946 250047	2002-11-01	UPPER MANNVILLE UU
0946 250048	2009-05-01	UPPER MANNVILLE VV
0946 250049	2003-06-01	UPPER MANNVILLE WW
0946 250050	2006-08-01	UPPER MANNVILLE XX
0946 250051	2004-03-01	UPPER MANNVILLE YY
0946 250052	2004-05-01	UPPER MANNVILLE ZZ
0946 250701	2004-05-01	UPPER MANNVILLE AAA
0946 250702	2004-06-01	UPPER MANNVILLE BBB
0946 250703	2004-10-01	UPPER MANNVILLE CCC
0946 250704	2008-02-01	UPPER MANNVILLE DDD
0946 250705	2005-03-01	UPPER MANNVILLE EEE
0946 250706	2005-02-01	UPPER MANNVILLE FFF
0946 250707	2005-05-01	UPPER MANNVILLE GGG
0946 250708	2006-10-01	UPPER MANNVILLE HHH
0946 250709	2005-10-01	UPPER MANNVILLE III
0946 250710	2010-04-01	UPPER MANNVILLE JJJ

**POOL DESIGNATION (cont'd)**

0946 250711 2007-10-01	UPPER MANNVILLE KKK
0946 250712 2010-12-01	UPPER MANNVILLE LLL
0946 250713 2006-05-01	UPPER MANNVILLE MMM
0946 250714 2006-05-01	UPPER MANNVILLE NNN
0946 250715 2006-05-01	UPPER MANNVILLE OOO
0946 250716 2006-07-01	UPPER MANNVILLE PPP
0946 250717 2006-08-01	UPPER MANNVILLE QQQ
0946 250718 2006-10-01	UPPER MANNVILLE RRR
0946 250719 2006-10-01	UPPER MANNVILLE SSS
0946 250720 2008-07-01	UPPER MANNVILLE TTT
0946 250721 2007-12-01	UPPER MANNVILLE UUU
0946 250722 2007-12-01	UPPER MANNVILLE VVV
0946 250723 2007-12-01	UPPER MANNVILLE WWW
0946 250724 2007-12-01	UPPER MANNVILLE XXX
0946 250725 2007-12-01	UPPER MANNVILLE YYY
0946 250726 2007-12-01	UPPER MANNVILLE ZZZ
0946 250727 2007-12-01	UPPER MANNVILLE A2A
0946 250728 2007-12-01	UPPER MANNVILLE B2B
0946 250729 2007-12-01	UPPER MANNVILLE C2C
0946 250730 2011-12-01	UPPER MANNVILLE D2D
0946 250731 2007-12-01	UPPER MANNVILLE E2E
0946 250732 2007-12-01	UPPER MANNVILLE F2F
0946 250733 2007-12-01	UPPER MANNVILLE G2G
0946 250734 2007-12-01	UPPER MANNVILLE H2H
0946 250735 2008-01-01	UPPER MANNVILLE I2I
0946 250736 2008-01-01	UPPER MANNVILLE J2J
0946 250737 2010-04-01	UPPER MANNVILLE K2K
0946 250738 2008-01-01	UPPER MANNVILLE L2L
0946 250739 2011-08-01	UPPER MANNVILLE M2M
0946 250743 2008-02-01	UPPER MANNVILLE Q2Q
0946 250744 2008-09-01	UPPER MANNVILLE R2R
0946 250745 2010-01-01	UPPER MANNVILLE S2S
0946 250746 2010-06-01	UPPER MANNVILLE T2T
0946 250747 2012-01-01	UPPER MANNVILLE U2U
0946 250748 2010-10-01	UPPER MANNVILLE V2V
0946 250749 2010-12-01	UPPER MANNVILLE W2W
0946 250750 2011-01-01	UPPER MANNVILLE X2X
0946 250751 2011-05-01	UPPER MANNVILLE Y2Y

**POOL DESIGNATION (cont'd)**

0946 310002 2001-02-01	LOWER MANNVILLE B
0946 310003 2001-02-01	LOWER MANNVILLE C
0946 310004 2002-04-01	LOWER MANNVILLE D
0946 310006 2001-02-01	LOWER MANNVILLE F
0946 310007 2001-02-01	LOWER MANNVILLE G
0946 310008 2001-02-01	LOWER MANNVILLE H
0946 310009 2001-02-01	LOWER MANNVILLE I
0946 310010 2003-04-01	LOWER MANNVILLE J
0946 310011 2001-02-01	LOWER MANNVILLE K
0946 310012 2001-02-01	LOWER MANNVILLE L
0946 310016 2001-02-01	LOWER MANNVILLE P
0946 310017 2001-02-01	LOWER MANNVILLE Q
0946 310018 2001-02-01	LOWER MANNVILLE R
0946 310019 2001-02-01	LOWER MANNVILLE S
0946 310020 2001-02-01	LOWER MANNVILLE T
0946 310021 2001-02-01	LOWER MANNVILLE U
0946 310022 2001-02-01	LOWER MANNVILLE V
0946 310023 2001-02-01	LOWER MANNVILLE W
0946 310024 2001-02-01	LOWER MANNVILLE X
0946 310025 2001-02-01	LOWER MANNVILLE Y
0946 310026 2001-02-01	LOWER MANNVILLE Z
0946 310027 2001-02-01	LOWER MANNVILLE AA
0946 310028 2001-02-01	LOWER MANNVILLE BB
0946 310029 2001-02-01	LOWER MANNVILLE CC
0946 310030 2001-02-01	LOWER MANNVILLE DD
0946 310031 2001-02-01	LOWER MANNVILLE EE
0946 310032 2001-02-01	LOWER MANNVILLE FF
0946 310033 2001-02-01	LOWER MANNVILLE GG
0946 310034 2001-02-01	LOWER MANNVILLE HH
0946 310035 2001-02-01	LOWER MANNVILLE II
0946 310036 2001-02-01	LOWER MANNVILLE JJ
0946 310037 2001-02-01	LOWER MANNVILLE KK
0946 310038 2001-03-01	LOWER MANNVILLE LL
0946 310039 2001-03-01	LOWER MANNVILLE MM
0946 310040 2006-02-01	LOWER MANNVILLE NN
0946 310041 2002-10-01	LOWER MANNVILLE OO
0946 310042 2003-05-01	LOWER MANNVILLE PP
0946 310043 2003-07-01	LOWER MANNVILLE QQ

**POOL DESIGNATION (cont'd)**

0946 310044	2004-10-01	LOWER MANNVILLE RR
0946 310045	2005-02-01	LOWER MANNVILLE SS
0946 310046	2005-05-01	LOWER MANNVILLE TT
0946 310047	2005-09-01	LOWER MANNVILLE UU
0946 310048	2005-10-01	LOWER MANNVILLE VV
0946 310049	2005-11-01	LOWER MANNVILLE WW
0946 310050	2006-02-01	LOWER MANNVILLE XX
0946 310051	2006-01-01	LOWER MANNVILLE YY
0946 310052	2006-02-01	LOWER MANNVILLE ZZ
0946 310102	2006-03-01	LOWER MANNVILLE BBB
0946 310103	2006-04-01	LOWER MANNVILLE CCC
0946 310104	2006-08-01	LOWER MANNVILLE DDD
0946 310105	2007-12-01	LOWER MANNVILLE EEE
0946 310106	2007-12-01	LOWER MANNVILLE FFF
0946 310107	2007-12-01	LOWER MANNVILLE GGG
0946 310108	2007-12-01	LOWER MANNVILLE HHH
0946 310109	2007-12-01	LOWER MANNVILLE III
0946 310110	2007-12-01	LOWER MANNVILLE JJJ
0946 310111	2008-12-01	LOWER MANNVILLE KKK
0946 310112	2009-09-01	LOWER MANNVILLE LLL
0946 310113	2011-01-01	LOWER MANNVILLE MMM
0946 644001	2003-08-01	BANFF A
0946 658001	2001-02-01	WABAMUN A
0946 658002	2007-10-01	WABAMUN B
0946 658003	2006-02-01	WABAMUN C
0946 658004	2008-02-01	WABAMUN D
0946 658005	2008-03-01	WABAMUN E

**SPACING PATTERN**

SU 2323A	25 Feb 2004
SU 2323B	1 Feb 2006
SU 2323C	30 Mar 2007

**COMMINGLED PRODUCTION**

MU 6067	27 Sep 2006
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**SUBSURFACE DISPOSAL SCHEMES**

App 8498     23 Apr 1999  
Class II  
Canadian Natural Resources Limited

App 10406    14 Nov 2005  
Class II  
Apache Canada Ltd.

App 9645A    27 Jan 2009  
Class II  
Penn West Petroleum Ltd.

**FIELD DESIGNATION**

0942 2012-01-01 WESTPEM FIELD

**POOL DESIGNATION**

0942 176002 2010-04-01 CARDIUM B  
0942 176003 2010-01-01 CARDIUM C  
0942 176004 2010-04-01 CARDIUM D  
0942 176006 2012-02-01 CARDIUM F

0942 186002 2005-02-01 SECOND WHITE SPECKS B  
0942 186003 2005-05-01 SECOND WHITE SPECKS C  
0942 186004 2007-03-01 SECOND WHITE SPECKS D  
0942 186005 2011-12-01 SECOND WHITE SPECKS E

0942 218001 2011-02-01 VIKING A  
0942 218003 2011-04-01 VIKING C  
0942 218004 2002-04-01 VIKING D  
0942 218006 2010-04-01 VIKING F  
0942 218009 2005-11-01 VIKING I  
0942 218010 2008-07-01 VIKING J  
0942 218011 2008-08-01 VIKING K  
0942 218012 2007-12-01 VIKING L  
0942 218019 2011-02-01 VIKING S  
0942 218020 2011-06-01 VIKING T

0942 250001 2011-05-01 UPPER MANNVILLE A  
0942 250002 2001-03-01 UPPER MANNVILLE B  
0942 250003 2004-04-01 UPPER MANNVILLE C  
0942 250004 2006-01-01 UPPER MANNVILLE D  
0942 250005 2012-02-01 UPPER MANNVILLE E  
0942 250007 2006-01-01 UPPER MANNVILLE G  
0942 250009 2006-01-01 UPPER MANNVILLE I  
0942 250010 2007-01-01 UPPER MANNVILLE J  
0942 250012 2007-10-01 UPPER MANNVILLE L  
0942 250013 2007-12-01 UPPER MANNVILLE M  
0942 250014 2010-04-01 UPPER MANNVILLE N

**POOL DESIGNATION (cont'd)**

0942 250015 2010-04-01	UPPER MANNVILLE O
0942 250016 2010-04-01	UPPER MANNVILLE P
0942 250020 2010-04-01	UPPER MANNVILLE T
0942 250022 2011-06-01	UPPER MANNVILLE V
0942 250023 2011-04-01	UPPER MANNVILLE W
0942 250024 2009-09-01	UPPER MANNVILLE X
0942 250025 2010-10-01	UPPER MANNVILLE Y
0942 250026 2010-04-01	UPPER MANNVILLE Z
0942 250027 2010-04-01	UPPER MANNVILLE AA
0942 250028 2010-04-01	UPPER MANNVILLE BB
0942 250029 2009-12-01	UPPER MANNVILLE CC
0942 250031 2010-02-01	UPPER MANNVILLE EE
0942 250746 2011-02-01	UPPER MANNVILLE T2T
0942 250747 2011-02-01	UPPER MANNVILLE U2U
0942 250748 2011-04-01	UPPER MANNVILLE V2V
0942 250750 2011-05-01	UPPER MANNVILLE X2X
0942 250751 2011-05-01	UPPER MANNVILLE Y2Y
0942 250752 2011-06-01	UPPER MANNVILLE Z2Z
0942 251101 2011-06-01	UPPER MANNVILLE A3A
0942 251102 2011-06-01	UPPER MANNVILLE B3B
0942 251104 2011-10-01	UPPER MANNVILLE D3D
0942 251105 2011-10-01	UPPER MANNVILLE E3E
0942 251106 2012-01-01	UPPER MANNVILLE F3F
0942 310113 2011-01-01	LOWER MANNVILLE MMM
0942 310114 2011-01-01	LOWER MANNVILLE NNN
0942 310115 2011-01-01	LOWER MANNVILLE OOO
0942 316002 2005-11-01	OSTRACOD B
0942 316003 2005-07-01	OSTRACOD C
0942 316004 2001-02-01	OSTRACOD D
0942 316006 2010-04-01	OSTRACOD F
0942 316007 2010-04-01	OSTRACOD G
0942 316008 2001-02-01	OSTRACOD H
0942 316009 2001-02-01	OSTRACOD I
0942 316011 2001-07-01	OSTRACOD K
0942 316012 2010-12-01	OSTRACOD L
0942 316013 2001-02-01	OSTRACOD M

**POOL DESIGNATION (cont'd)**

0942 316014 2001-02-01	OSTRACOD N
0942 316016 2002-01-01	OSTRACOD P
0942 316017 2008-03-01	OSTRACOD Q
0942 316018 2004-12-01	OSTRACOD R
0942 316019 2009-04-01	OSTRACOD S
0942 316020 2010-04-01	OSTRACOD T
0942 316021 2011-03-01	OSTRACOD U
0942 316022 2011-08-01	OSTRACOD V
0942 326002 2010-04-01	GETHING B
0942 326003 2004-08-01	GETHING C
0942 326004 2011-02-01	GETHING D
0942 336003 2001-02-01	ELLERSLIE C
0942 336004 2001-02-01	ELLERSLIE D
0942 336006 2010-04-01	ELLERSLIE F
0942 336007 2001-03-01	ELLERSLIE G
0942 336008 2001-09-01	ELLERSLIE H
0942 336009 2001-12-01	ELLERSLIE I
0942 336010 2002-02-01	ELLERSLIE J
0942 336011 2010-12-01	ELLERSLIE K
0942 336012 2003-04-01	ELLERSLIE L
0942 336014 2002-11-01	ELLERSLIE N
0942 336016 2010-04-01	ELLERSLIE P
0942 336018 2003-09-01	ELLERSLIE R
0942 336019 2010-04-01	ELLERSLIE S
0942 336020 2003-11-01	ELLERSLIE T
0942 336021 2004-04-01	ELLERSLIE U
0942 336022 2010-04-01	ELLERSLIE V
0942 336023 2010-04-01	ELLERSLIE W
0942 336027 2006-11-01	ELLERSLIE AA
0942 336028 2006-11-01	ELLERSLIE BB
0942 336032 2008-04-01	ELLERSLIE FF
0942 336033 2010-05-01	ELLERSLIE GG
0942 336034 2007-12-01	ELLERSLIE HH
0942 336035 2010-04-01	ELLERSLIE II
0942 336037 2008-05-01	ELLERSLIE KK
0942 336038 2010-04-01	ELLERSLIE LL

**POOL DESIGNATION (cont'd)**

0942 336039 2010-12-01	ELLERSLIE MM
0942 336040 2010-04-01	ELLERSLIE NN
0942 336042 2008-12-01	ELLERSLIE PP
0942 336043 2009-09-01	ELLERSLIE QQ
0942 336044 2010-10-01	ELLERSLIE RR
0942 336047 2011-06-01	ELLERSLIE UU
0942 336048 2011-02-01	ELLERSLIE VV
0942 336049 2011-03-01	ELLERSLIE WW
0942 336050 2011-06-01	ELLERSLIE XX
0942 432001 2010-04-01	ROCK CREEK A
0942 432002 2011-08-01	ROCK CREEK B
0942 432004 2011-10-01	ROCK CREEK D
0942 432005 2007-06-01	ROCK CREEK E
0942 432006 2012-02-01	ROCK CREEK F
0942 432009 2004-02-01	ROCK CREEK I
0942 432011 2001-08-01	ROCK CREEK K
0942 432012 2001-11-01	ROCK CREEK L
0942 432020 2003-01-01	ROCK CREEK T
0942 432025 2004-08-01	ROCK CREEK Y
0942 432028 2009-02-01	ROCK CREEK BB
0942 432031 2011-08-01	ROCK CREEK EE
0942 432033 2009-05-01	ROCK CREEK GG
0942 432034 2007-10-01	ROCK CREEK HH
0942 432035 2007-12-01	ROCK CREEK II
0942 432036 2007-12-01	ROCK CREEK JJ
0942 432037 2007-12-01	ROCK CREEK KK
0942 432045 2008-11-01	ROCK CREEK SS
0942 432047 2010-04-01	ROCK CREEK UU
0942 432048 2009-04-01	ROCK CREEK VV
0942 432052 2010-04-01	ROCK CREEK ZZ
0942 432501 2011-01-01	ROCK CREEK AAA
0942 432502 2011-02-01	ROCK CREEK BBB
0942 432503 2011-02-01	ROCK CREEK CCC
0942 432504 2011-02-01	ROCK CREEK DDD
0942 432505 2011-02-01	ROCK CREEK EEE
0942 432507 2012-02-01	ROCK CREEK GGG

**COMMINGLED PRODUCTION**

MU 8246      30 Nov 2011

**GAS CYCLING**

App 10039B    15 Feb 2008  
By gas blowdown  
Nisku E  
Penn West Petroleum Ltd.

**ENHANCED RECOVERY SCHEMES**

App 7144F    11 Jul 2011  
Other  
Nisku H2H  
Penn West Petroleum Ltd.

App 7147F    3 May 2011  
Other  
Nisku P2P  
Penn West Petroleum Ltd.

App 7148      14 Apr 1993  
App 7148A    6 Aug 1998  
App 7148B    26 Oct 2000  
App 7148C    25 Aug 2004

App 7148F    21 Feb 2008  
Other  
Nisku D  
Penn West Petroleum Ltd.

**FIELD DESIGNATION**

0972 2006-11-01                      WETASKIWIN FIELD

**POOL DESIGNATION**

0972 126001 2001-02-01      BELLY RIVER A  
0972 126003 2007-08-01      BELLY RIVER C  
0972 126005 2002-06-01      BELLY RIVER E  
0972 126006 2003-06-01      BELLY RIVER F  
0972 126010 2010-04-01      BELLY RIVER J  
0972 126011 2012-01-01      BELLY RIVER K  
0972 126012 2010-11-01      BELLY RIVER L

0972 134001 2010-04-01      BASAL BELLY RIVER A

0972 218001 2001-02-01      VIKING A  
0972 218002 2001-03-01      VIKING B

0972 300001 2001-09-01      GLAUCONITIC A  
0972 300002 2004-08-01      GLAUCONITIC B  
0972 300003 2001-02-01      GLAUCONITIC C  
0972 300004 2001-02-01      GLAUCONITIC D  
0972 300005 2001-02-01      GLAUCONITIC E  
0972 300006 2001-02-01      GLAUCONITIC F  
0972 300007 2001-03-01      GLAUCONITIC G  
0972 300008 2006-01-01      GLAUCONITIC H  
0972 300009 2006-08-01      GLAUCONITIC I  
0972 300010 2007-03-01      GLAUCONITIC J  
0972 300011 2007-12-01      GLAUCONITIC K  
0972 300012 2010-06-01      GLAUCONITIC L  
0972 300013 2007-12-01      GLAUCONITIC M  
0972 300014 2007-12-01      GLAUCONITIC N  
0972 300015 2007-12-01      GLAUCONITIC O  
0972 300016 2007-12-01      GLAUCONITIC P  
0972 300017 2008-04-01      GLAUCONITIC Q  
0972 300018 2008-10-01      GLAUCONITIC R  
0972 300019 2010-10-01      GLAUCONITIC S

**POOL DESIGNATION (cont'd)**

0972 300020	2010-10-01	GLAUCONITIC T
0972 300021	2011-05-01	GLAUCONITIC U
0972 336001	2004-02-01	ELLERSLIE A
0972 336002	2001-02-01	ELLERSLIE B
0972 336003	2001-06-01	ELLERSLIE C
0972 336004	2003-09-01	ELLERSLIE D
0972 336007	2004-02-01	ELLERSLIE G
0972 336008	2004-05-01	ELLERSLIE H
0972 336009	2004-09-01	ELLERSLIE I
0972 336010	2007-12-01	ELLERSLIE J
0972 336011	2007-12-01	ELLERSLIE K
0972 336012	2007-12-01	ELLERSLIE L
0972 336013	2009-03-01	ELLERSLIE M
0972 336014	2009-12-01	ELLERSLIE N
0972 336015	2010-10-01	ELLERSLIE O

**SPACING PATTERN**

SU 4056	26 Feb 2003
SU 4056A	20 Jan 2004
SU 4056B	6 Dec 2005

**COMMINGLED PRODUCTION**

MU 7580	27 Oct 2010
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**SUBSURFACE DISPOSAL SCHEMES**

App 10561	17 Jul 2006
Class II	
Trafina Energy Ltd.	

**COMPULSORY POOLING**

P 264	1 Feb 2005
Section 1-047-24W4M	
Gas, Lower Mannville	
MGV Energy Inc.	

P 377	26 Nov 2008
Sec 08-045-23W4	
Gas all zones to the Base of the Mannville	
Group	
Nexen Inc.	

P 401	11 Jun 2009
Sec 12-45-23W4	
Gas all zones to the Base of the Mannville	
Group	
Nexen Inc.	

**COMPULSORY POOLING (cont'd)**

P 408            19 Feb 2010

P 408A          1 Mar 2010

Section 3-45-23W4

Gas from all zones to the base of the Belly  
River

Quicksilver Resources Canada Inc.

**FIELD DESIGNATION**

0950 2001-02-01                      WHISKEY FIELD

**POOL DESIGNATION**

0950 610001 2010-04-01      RUNDLE A  
0950 610002 2001-04-01      RUNDLE B  
0950 610003 2003-01-01      RUNDLE C

**SPACING PATTERN**

SU 2822            27 Jun 1997  
SU 2822A          23 Mar 2001

**COMMINGLED PRODUCTION**

MU 1320            3 Jun 1996

**SUBSURFACE DISPOSAL SCHEMES**

App 3968            21 Sep 1983  
Class II  
Shell Canada Resources Limited

**FIELD DESIGNATION**

0951 2009-11-01            WHITECOURT FIELD

**POOL DESIGNATION**

0951 106001 2007-10-01    EDMONTON A

0951 126001 2010-05-01    BELLY RIVER A  
0951 126002 2007-10-01    BELLY RIVER B

0951 218001 2001-02-01    VIKING A  
0951 218002 2010-04-01    VIKING B  
0951 218003 2003-01-01    VIKING C  
0951 218004 2001-02-01    VIKING D  
0951 218005 2011-03-01    VIKING E  
0951 218006 2001-11-01    VIKING F  
0951 218007 2011-03-01    VIKING G  
0951 218008 2007-05-01    VIKING H  
0951 218009 2007-05-01    VIKING I

0951 248003 2008-08-01    MANNVILLE C  
0951 248005 2008-11-01    MANNVILLE E

0951 250001 2001-07-01    UPPER MANNVILLE A  
0951 250002 2008-06-01    UPPER MANNVILLE B  
0951 250003 2010-05-01    UPPER MANNVILLE C  
0951 250004 2009-06-01    UPPER MANNVILLE D  
0951 250005 2009-09-01    UPPER MANNVILLE E  
0951 250006 2009-09-01    UPPER MANNVILLE F  
0951 250007 2009-10-01    UPPER MANNVILLE G  
0951 250008 2011-04-01    UPPER MANNVILLE H

0951 300001 2001-03-01    GLAUCONITIC A  
0951 300002 2006-03-01    GLAUCONITIC B  
0951 300003 2007-05-01    GLAUCONITIC C  
0951 300004 2005-05-01    GLAUCONITIC D

**POOL DESIGNATION (cont'd)**

0951 310001 2008-02-01	LOWER MANNVILLE A
0951 326001 2003-04-01	GETHING A
0951 336001 2010-04-01	ELLERSLIE A
0951 336002 2001-03-01	ELLERSLIE B
0951 336003 2007-10-01	ELLERSLIE C
0951 336004 2008-12-01	ELLERSLIE D
0951 446001 2001-02-01	JURASSIC A
0951 446003 2001-02-01	JURASSIC C
0951 446004 2009-04-01	JURASSIC D
0951 446005 2010-04-01	JURASSIC E
0951 446006 2004-08-01	JURASSIC F
0951 446007 2001-02-01	JURASSIC G
0951 446009 2001-02-01	JURASSIC I
0951 446011 2001-02-01	JURASSIC K
0951 446012 2001-02-01	JURASSIC L
0951 446013 2001-12-01	JURASSIC M
0951 446014 2001-02-01	JURASSIC N
0951 446015 2001-02-01	JURASSIC O
0951 446016 2011-12-01	JURASSIC P
0951 446017 2005-04-01	JURASSIC Q
0951 446018 2008-02-01	JURASSIC R
0951 446019 2006-03-01	JURASSIC S
0951 446020 2005-05-01	JURASSIC T
0951 446021 2005-06-01	JURASSIC U
0951 446022 2006-03-01	JURASSIC V
0951 446023 2006-03-01	JURASSIC W
0951 642005 2010-04-01	PEKISKO E
0951 642006 2001-02-01	PEKISKO F
0951 642007 2001-02-01	PEKISKO G
0951 642008 2002-04-01	PEKISKO H
0951 642009 2001-03-01	PEKISKO I
0951 642010 2001-11-01	PEKISKO J
0951 642011 2007-03-01	PEKISKO K
0951 642012 2007-04-01	PEKISKO L

**POOL DESIGNATION (cont'd)**

0951 642013 2008-10-01 PEKISKO M  
0951 642014 2009-12-01 PEKISKO N

**SPACING PATTERN**

SU 2751 9 Apr 1996  
SU 2751A 8 Feb 2006  
SU 2751B 27 Sep 2007  
SU 2751C 18 Oct 2007

**COMMINGLED PRODUCTION**

MU 7288 8 Feb 2010

**SUBSURFACE DISPOSAL SCHEMES**

App 1499B 10 Aug 2011  
Class II  
Taqa North Ltd.

App 9881A 17 Jun 2011  
Class II  
Conocophillips Canada Operations Ltd.

**COMPULSORY POOLING**

P 77 31 Mar 1986  
Sec 20-60-11W5M  
Champlin Canada Ltd.

**FIELD DESIGNATION**

0970 2006-09-01                      WHITEHORSE FIELD

**POOL DESIGNATION**

0970 176001 2001-02-01            CARDIUM A  
0970 176002 2006-11-01            CARDIUM B  
0970 176003 2001-02-01            CARDIUM C  
0970 176004 2002-10-01            CARDIUM D  
0970 176005 2011-02-01            CARDIUM E  
0970 176006 2001-08-01            CARDIUM F  
0970 176007 2002-09-01            CARDIUM G  
0970 176008 2002-03-01            CARDIUM H  
0970 176009 2010-04-01            CARDIUM I  
0970 176010 2010-04-01            CARDIUM J  
0970 176011 2008-03-01            CARDIUM K  
0970 176012 2008-03-01            CARDIUM L  
0970 176013 2010-03-01            CARDIUM M

0970 186001 2003-11-01            SECOND WHITE SPECKS A

0970 218001 2010-04-01            VIKING A

0970 250001 2012-02-01            UPPER MANNVILLE A  
0970 250002 2011-05-01            UPPER MANNVILLE B  
0970 250005 2005-01-01            UPPER MANNVILLE E  
0970 250006 2007-01-01            UPPER MANNVILLE F  
0970 250007 2010-04-01            UPPER MANNVILLE G  
0970 250008 2010-04-01            UPPER MANNVILLE H  
0970 250009 2010-04-01            UPPER MANNVILLE I  
0970 250010 2010-04-01            UPPER MANNVILLE J  
0970 250011 2010-04-01            UPPER MANNVILLE K  
0970 250014 2011-06-01            UPPER MANNVILLE N  
0970 250015 2011-06-01            UPPER MANNVILLE O  
0970 250016 2011-06-01            UPPER MANNVILLE P

0970 316001 2003-09-01            OSTRACOD A

**POOL DESIGNATION (cont'd)**

0970 316002 2006-05-01	OSTRACOD B
0970 316004 2007-12-01	OSTRACOD D
0970 316005 2010-04-01	OSTRACOD E
0970 316006 2010-04-01	OSTRACOD F
0970 316007 2010-04-01	OSTRACOD G
0970 326002 2001-02-01	GETHING B
0970 326003 2001-02-01	GETHING C
0970 326004 2001-02-01	GETHING D
0970 326005 2002-09-01	GETHING E
0970 326006 2010-04-01	GETHING F
0970 326007 2008-09-01	GETHING G
0970 326008 2010-04-01	GETHING H
0970 326009 2010-04-01	GETHING I
0970 326010 2010-04-01	GETHING J
0970 326011 2010-04-01	GETHING K
0970 336001 2001-02-01	ELLERSLIE A
0970 336002 2010-04-01	ELLERSLIE B
0970 336003 2004-03-01	ELLERSLIE C
0970 336004 2007-07-01	ELLERSLIE D
0970 336005 2009-10-01	ELLERSLIE E
0970 336006 2011-06-01	ELLERSLIE F
0970 432002 2012-01-01	ROCK CREEK B
0970 432004 2011-03-01	ROCK CREEK D
0970 432016 2010-04-01	ROCK CREEK P
0970 432022 2010-03-01	ROCK CREEK V
0970 658001 2009-03-01	WABAMUN A
0970 696001 2001-02-01	NISKU A
0970 696002 2001-02-01	NISKU B
0970 696003 2001-02-01	NISKU C

**SPACING PATTERN**

SU 2944	26 Oct 1999
SU 2944A	22 Nov 2000
SU 2944B	23 Aug 2004
SU 2944C	1 Mar 2006
SU 2944D	4 Apr 2007
SU 2944E	18 Oct 2007

**COMMINGLED PRODUCTION**

MU 8310	24 Jan 2012
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**FIELD DESIGNATION**

0952 2001-02-01 WHITELAW FIELD

**POOL DESIGNATION**

0952 228001 2010-04-01 PEACE RIVER A  
0952 228002 2001-02-01 PEACE RIVER B  
0952 228003 2001-02-01 PEACE RIVER C  
0952 228004 2006-02-01 PEACE RIVER D  
0952 228005 2008-02-01 PEACE RIVER E

0952 232001 2009-01-01 CADOTTE A

0952 264001 2011-09-01 SPIRIT RIVER A  
0952 264002 2010-04-01 SPIRIT RIVER B  
0952 264003 2001-02-01 SPIRIT RIVER C  
0952 264004 2001-02-01 SPIRIT RIVER D  
0952 264005 2001-02-01 SPIRIT RIVER E  
0952 264006 2007-08-01 SPIRIT RIVER F  
0952 264007 2007-08-01 SPIRIT RIVER G  
0952 264008 2010-04-01 SPIRIT RIVER H  
0952 264009 2001-02-01 SPIRIT RIVER I  
0952 264010 2001-02-01 SPIRIT RIVER J  
0952 264011 2001-02-01 SPIRIT RIVER K  
0952 264012 2001-02-01 SPIRIT RIVER L  
0952 264013 2001-02-01 SPIRIT RIVER M  
0952 264014 2010-04-01 SPIRIT RIVER N  
0952 264015 2001-02-01 SPIRIT RIVER O  
0952 264016 2007-12-01 SPIRIT RIVER P  
0952 264017 2007-12-01 SPIRIT RIVER Q  
0952 264018 2007-12-01 SPIRIT RIVER R  
0952 264019 2007-12-01 SPIRIT RIVER S  
0952 264020 2007-12-01 SPIRIT RIVER T  
0952 264021 2007-12-01 SPIRIT RIVER U  
0952 264022 2007-12-01 SPIRIT RIVER V  
0952 264023 2010-04-01 SPIRIT RIVER W  
0952 264024 2009-02-01 SPIRIT RIVER X

**POOL DESIGNATION (cont'd)**

0952 264025 2008-02-01	SPIRIT RIVER Y
0952 264026 2008-02-01	SPIRIT RIVER Z
0952 304001 2010-04-01	BLUESKY A
0952 304002 2001-02-01	BLUESKY B
0952 304003 2008-10-01	BLUESKY C
0952 326001 2010-04-01	GETHING A
0952 326002 2010-04-01	GETHING B
0952 326003 2001-02-01	GETHING C
0952 326004 2010-04-01	GETHING D
0952 326005 2001-12-01	GETHING E
0952 326006 2004-05-01	GETHING F
0952 326007 2006-04-01	GETHING G
0952 326008 2007-12-01	GETHING H
0952 326009 2008-10-01	GETHING I
0952 326010 2008-08-01	GETHING J
0952 326011 2008-03-01	GETHING K
0952 326012 2011-06-01	GETHING L
0952 500001 2010-05-01	TRIASSIC A
0952 500002 2010-04-01	TRIASSIC B
0952 500003 2001-02-01	TRIASSIC C
0952 500004 2010-04-01	TRIASSIC D
0952 500005 2006-02-01	TRIASSIC E
0952 500006 2005-06-01	TRIASSIC F
0952 500007 2007-05-01	TRIASSIC G
0952 500008 2007-12-01	TRIASSIC H
0952 500009 2010-05-01	TRIASSIC I
0952 500010 2010-05-01	TRIASSIC J
0952 500011 2007-12-01	TRIASSIC K
0952 500012 2007-12-01	TRIASSIC L
0952 500013 2007-12-01	TRIASSIC M
0952 500014 2008-08-01	TRIASSIC N
0952 500015 2010-04-01	TRIASSIC O
0952 500016 2010-04-01	TRIASSIC P
0952 500017 2009-02-01	TRIASSIC Q

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**WHITELAW FIELD**  
**February 2012**

**0952**  
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**POOL DESIGNATION (cont'd)**

0952 500018 2010-10-01 TRIASSIC R

0952 556001 2009-01-01 BELLOY A

**SPACING PATTERN**

SU 2569 22 Feb 1996

**COMMINGLED PRODUCTION**

MU 5100 18 Jan 2006

**SUBSURFACE DISPOSAL SCHEMES**

App 9346A 13 Jan 2012  
Class II  
Bonavista Energy Corporation

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**WHITEMUD FIELD**

**0955**

**February 2012**

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**FIELD DESIGNATION**

0955 2001-02-01                      WHITEMUD FIELD

**POOL DESIGNATION**

0955 244000 2010-04-01              BLAIRMORE

0955 336001 2010-04-01              ELLERSLIE A

**FIELD DESIGNATION**

0957 2011-05-01                      WHITFORD FIELD

**POOL DESIGNATION**

0957 218001 2011-06-01            VIKING A  
0957 218003 2010-12-01            VIKING C  
0957 218004 2006-10-01            VIKING D  
0957 218005 2006-06-01            VIKING E  
0957 218006 2006-10-01            VIKING F  
0957 218007 2006-11-01            VIKING G  
0957 218008 2007-12-01            VIKING H  
0957 218009 2007-12-01            VIKING I  
0957 218010 2008-05-01            VIKING J  
0957 218011 2011-04-01            VIKING K

0957 250001 2001-03-01            UPPER MANNVILLE A  
0957 250002 2003-10-01            UPPER MANNVILLE B  
0957 250003 2001-02-01            UPPER MANNVILLE C  
0957 250004 2001-02-01            UPPER MANNVILLE D  
0957 250005 2001-02-01            UPPER MANNVILLE E  
0957 250006 2003-09-01            UPPER MANNVILLE F  
0957 250007 2001-02-01            UPPER MANNVILLE G  
0957 250008 2001-02-01            UPPER MANNVILLE H  
0957 250009 2010-04-01            UPPER MANNVILLE I  
0957 250010 2001-02-01            UPPER MANNVILLE J  
0957 250011 2001-02-01            UPPER MANNVILLE K  
0957 250012 2001-02-01            UPPER MANNVILLE L  
0957 250013 2001-02-01            UPPER MANNVILLE M  
0957 250015 2010-09-01            UPPER MANNVILLE O  
0957 250016 2001-02-01            UPPER MANNVILLE P  
0957 250017 2001-02-01            UPPER MANNVILLE Q  
0957 250018 2001-02-01            UPPER MANNVILLE R  
0957 250019 2001-02-01            UPPER MANNVILLE S  
0957 250020 2001-02-01            UPPER MANNVILLE T  
0957 250021 2001-02-01            UPPER MANNVILLE U  
0957 250022 2001-03-01            UPPER MANNVILLE V

**POOL DESIGNATION (cont'd)**

0957 250023 2004-05-01	UPPER MANNVILLE W
0957 250024 2004-05-01	UPPER MANNVILLE X
0957 250025 2004-09-01	UPPER MANNVILLE Y
0957 250026 2006-07-01	UPPER MANNVILLE Z
0957 250027 2006-08-01	UPPER MANNVILLE AA
0957 250028 2007-12-01	UPPER MANNVILLE BB
0957 250029 2010-04-01	UPPER MANNVILLE CC
0957 250030 2008-04-01	UPPER MANNVILLE DD
0957 250031 2008-04-01	UPPER MANNVILLE EE
0957 250032 2011-04-01	UPPER MANNVILLE FF
0957 250033 2011-05-01	UPPER MANNVILLE GG
0957 250034 2011-05-01	UPPER MANNVILLE HH
0957 250035 2011-09-01	UPPER MANNVILLE II
0957 256002 2010-04-01	COLONY B
0957 256004 2001-02-01	COLONY D
0957 256005 2011-07-01	COLONY E
0957 256006 2007-05-01	COLONY F
0957 256007 2001-02-01	COLONY G
0957 256008 2010-04-01	COLONY H
0957 256009 2001-02-01	COLONY I
0957 256010 2001-02-01	COLONY J
0957 256011 2011-03-01	COLONY K
0957 256012 2001-02-01	COLONY L
0957 256013 2001-02-01	COLONY M
0957 256014 2001-02-01	COLONY N
0957 256015 2009-09-01	COLONY O
0957 256016 2001-02-01	COLONY P
0957 256017 2001-02-01	COLONY Q
0957 256018 2001-06-01	COLONY R
0957 256019 2002-01-01	COLONY S
0957 256020 2010-05-01	COLONY T
0957 256021 2007-12-01	COLONY U
0957 276001 2001-02-01	SPARKY A
0957 276002 2001-02-01	SPARKY B
0957 276004 2010-04-01	SPARKY D
0957 276005 2010-04-01	SPARKY E

**POOL DESIGNATION (cont'd)**

0957 276006	2001-02-01	SPARKY F
0957 276007	2001-02-01	SPARKY G
0957 276008	2001-02-01	SPARKY H
0957 276009	2001-02-01	SPARKY I
0957 276010	2004-01-01	SPARKY J
0957 276011	2001-02-01	SPARKY K
0957 276012	2001-02-01	SPARKY L
0957 276013	2001-02-01	SPARKY M
0957 276014	2001-02-01	SPARKY N
0957 276015	2004-05-01	SPARKY O
0957 276016	2001-02-01	SPARKY P
0957 276017	2001-03-01	SPARKY Q
0957 276018	2001-09-01	SPARKY R
0957 276019	2010-04-01	SPARKY S
0957 276020	2010-04-01	SPARKY T
0957 276021	2006-08-01	SPARKY U
0957 276022	2006-07-01	SPARKY V
0957 276023	2007-12-01	SPARKY W
0957 276024	2007-12-01	SPARKY X
0957 276025	2008-03-01	SPARKY Y
0957 276026	2008-07-01	SPARKY Z
0957 276027	2009-10-01	SPARKY AA
0957 276028	2011-09-01	SPARKY BB
0957 300001	2001-02-01	GLAUCONITIC A
0957 300002	2001-02-01	GLAUCONITIC B
0957 300006	2001-02-01	GLAUCONITIC F
0957 300007	2001-02-01	GLAUCONITIC G
0957 300008	2001-02-01	GLAUCONITIC H
0957 300009	2001-02-01	GLAUCONITIC I
0957 300010	2006-06-01	GLAUCONITIC J
0957 300011	2010-04-01	GLAUCONITIC K
0957 300012	2001-02-01	GLAUCONITIC L
0957 300013	2001-02-01	GLAUCONITIC M
0957 300014	2001-02-01	GLAUCONITIC N
0957 300015	2001-02-01	GLAUCONITIC O
0957 300016	2001-02-01	GLAUCONITIC P
0957 300017	2001-02-01	GLAUCONITIC Q

**POOL DESIGNATION (cont'd)**

0957 300018	2001-02-01	GLAUCONITIC R
0957 300019	2001-02-01	GLAUCONITIC S
0957 300020	2001-02-01	GLAUCONITIC T
0957 300021	2001-02-01	GLAUCONITIC U
0957 300022	2001-02-01	GLAUCONITIC V
0957 300023	2001-02-01	GLAUCONITIC W
0957 300024	2001-02-01	GLAUCONITIC X
0957 300025	2001-02-01	GLAUCONITIC Y
0957 300026	2005-05-01	GLAUCONITIC Z
0957 300027	2005-11-01	GLAUCONITIC AA
0957 300028	2006-04-01	GLAUCONITIC BB
0957 300029	2007-12-01	GLAUCONITIC CC
0957 300030	2008-07-01	GLAUCONITIC DD
0957 300031	2008-12-01	GLAUCONITIC EE
0957 306001	2001-02-01	WABISKAW A
0957 310003	2011-05-01	LOWER MANNVILLE C
0957 336002	2007-12-01	ELLERSLIE B
0957 696001	2001-02-01	NISKU A
0957 696003	2001-02-01	NISKU C
0957 696004	2001-02-01	NISKU D
0957 696005	2001-08-01	NISKU E
0957 696006	2005-11-01	NISKU F
0957 696007	2007-12-01	NISKU G
0957 696008	2007-12-01	NISKU H
0957 852500	2010-04-01	MFP8525 COLONY

**SPACING PATTERN**

SU 2750      2 Apr 1996  
SU 2750A     13 Sep 2007

**COMMINGLED PRODUCTION**

MU 5876      10 Aug 2006

**FIELD DESIGNATION**

0771 2009-08-01                      WIDEWATER FIELD

**POOL DESIGNATION**

0771 304001 2008-07-01      BLUESKY A  
0771 304002 2008-09-01      BLUESKY B

0771 310001 2008-07-01      LOWER MANNVILLE A  
0771 310002 2009-08-01      LOWER MANNVILLE B

0771 336001 2010-04-01      ELLERSLIE A  
0771 336002 2007-12-01      ELLERSLIE B  
0771 336003 2007-12-01      ELLERSLIE C  
0771 336004 2007-12-01      ELLERSLIE D  
0771 336005 2007-12-01      ELLERSLIE E

0771 765501 2008-06-01      GILWOOD A  
0771 765502 2009-12-01      GILWOOD B

0771 773501 2008-05-01      KEG RIVER SAND A  
0771 773502 2008-05-01      KEG RIVER SAND B  
0771 773503 2008-05-01      KEG RIVER SAND C  
0771 773504 2008-05-01      KEG RIVER SAND D

**SPACING PATTERN**

SU 2567            13 Feb 1996  
SU 2567A          13 Apr 1999

**SUBSURFACE DISPOSAL SCHEMES**

App 7413A    6 Dec 2010  
Class II  
Canadian Natural Resources Limited

App 10564    12 Jul 2006  
Class II  
Grey Wolf Exploration Inc.

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**FIELD DESIGNATION**

0962 2012-01-01                      WILD RIVER FIELD

**POOL DESIGNATION**

0962 126001 2005-11-01            BELLY RIVER A

0962 176001 2010-04-01            CARDIUM A  
0962 176002 2010-04-01            CARDIUM B  
0962 176003 2004-04-01            CARDIUM C  
0962 176004 2010-04-01            CARDIUM D  
0962 176007 2010-12-01            CARDIUM G  
0962 176008 2011-10-01            CARDIUM H  
0962 176010 2011-10-01            CARDIUM J  
0962 176014 2010-04-01            CARDIUM N  
0962 176015 2010-04-01            CARDIUM O  
0962 176016 2010-04-01            CARDIUM P  
0962 176017 2011-04-01            CARDIUM Q  
0962 176018 2011-02-01            CARDIUM R  
0962 176024 2010-04-01            CARDIUM X  
0962 176025 2011-12-01            CARDIUM Y  
0962 176027 2010-04-01            CARDIUM AA  
0962 176028 2010-12-01            CARDIUM BB  
0962 176029 2007-12-01            CARDIUM CC  
0962 176031 2008-12-01            CARDIUM EE  
0962 176047 2011-02-01            CARDIUM UU  
0962 176049 2011-03-01            CARDIUM WW  
0962 176051 2009-03-01            CARDIUM YY  
0962 176052 2009-03-01            CARDIUM ZZ  
0962 176304 2010-04-01            CARDIUM DDD  
0962 176305 2009-03-01            CARDIUM EEE  
0962 176310 2009-11-01            CARDIUM JJJ  
0962 176312 2010-10-01            CARDIUM LLL  
0962 176315 2010-04-01            CARDIUM OOO  
0962 176316 2011-03-01            CARDIUM PPP  
0962 176317 2011-04-01            CARDIUM QQQ  
0962 176318 2011-09-01            CARDIUM RRR

**POOL DESIGNATION (cont'd)**

0962 176319 2011-09-01	CARDIUM SSS
0962 186001 2010-04-01	SECOND WHITE SPECKS A
0962 186002 2010-04-01	SECOND WHITE SPECKS B
0962 186003 2010-04-01	SECOND WHITE SPECKS C
0962 190001 2009-11-01	DOE CREEK A
0962 190002 2009-11-01	DOE CREEK B
0962 190003 2011-11-01	DOE CREEK C
0962 192033 2011-05-01	DUNVEGAN GG
0962 192042 2011-03-01	DUNVEGAN PP
0962 195813 2010-04-01	DUNVEGAN MMM
0962 195824 2009-11-01	DUNVEGAN XXX
0962 195825 2011-06-01	DUNVEGAN YYY
0962 195830 2010-04-01	DUNVEGAN D2D
0962 195835 2011-03-01	DUNVEGAN I2I
0962 195836 2011-04-01	DUNVEGAN J2J
0962 195837 2011-04-01	DUNVEGAN K2K
0962 218003 2011-06-01	VIKING C
0962 218008 2003-06-01	VIKING H
0962 218009 2005-02-01	VIKING I
0962 218012 2006-04-01	VIKING L
0962 218013 2010-04-01	VIKING M
0962 218014 2006-09-01	VIKING N
0962 218015 2010-04-01	VIKING O
0962 218017 2010-04-01	VIKING Q
0962 218018 2011-09-01	VIKING R
0962 218021 2011-12-01	VIKING U
0962 218022 2009-11-01	VIKING V
0962 218024 2010-04-01	VIKING X
0962 218025 2011-03-01	VIKING Y
0962 228001 2010-04-01	PEACE RIVER A
0962 228002 2009-09-01	PEACE RIVER B
0962 228003 2010-03-01	PEACE RIVER C
0962 228004 2010-10-01	PEACE RIVER D

**POOL DESIGNATION (cont'd)**

0962 228005 2010-10-01	PEACE RIVER E
0962 250049 2010-04-01	UPPER MANNVILLE WW
0962 250701 2011-10-01	UPPER MANNVILLE AAA
0962 250746 2010-04-01	UPPER MANNVILLE T2T
0962 251109 2011-09-01	UPPER MANNVILLE I3I
0962 251144 2012-02-01	UPPER MANNVILLE R4R
0962 264019 2011-09-01	SPIRIT RIVER S
0962 264025 2012-02-01	SPIRIT RIVER Y
0962 264035 2011-06-01	SPIRIT RIVER II
0962 264042 2009-11-01	SPIRIT RIVER PP
0962 264101 2010-04-01	SPIRIT RIVER AAA
0962 264102 2011-09-01	SPIRIT RIVER BBB
0962 264107 2011-06-01	SPIRIT RIVER GGG
0962 264108 2010-04-01	SPIRIT RIVER HHH
0962 264113 2011-04-01	SPIRIT RIVER MMM
0962 264114 2011-03-01	SPIRIT RIVER NNN
0962 264115 2011-06-01	SPIRIT RIVER OOO
0962 264116 2011-05-01	SPIRIT RIVER PPP
0962 304001 2011-07-01	BLUESKY A
0962 304002 2011-05-01	BLUESKY B
0962 304016 2010-04-01	BLUESKY P
0962 304025 2007-12-01	BLUESKY Y
0962 304037 2009-11-01	BLUESKY KK
0962 304038 2009-06-01	BLUESKY LL
0962 304040 2010-04-01	BLUESKY NN
0962 304045 2011-04-01	BLUESKY SS
0962 304046 2011-03-01	BLUESKY TT
0962 304047 2011-04-01	BLUESKY UU
0962 326001 2011-08-01	GETHING A
0962 326007 2011-07-01	GETHING G
0962 326008 2011-10-01	GETHING H
0962 326014 2011-03-01	GETHING N
0962 326015 2011-07-01	GETHING O
0962 326017 2011-03-01	GETHING Q

**POOL DESIGNATION (cont'd)**

0962 326018 2011-10-01	GETHING R
0962 326020 2011-08-01	GETHING T
0962 326021 2011-06-01	GETHING U
0962 326032 2010-04-01	GETHING FF
0962 326050 2011-05-01	GETHING XX
0962 326603 2011-03-01	GETHING CCC
0962 326624 2010-04-01	GETHING XXX
0962 326629 2011-03-01	GETHING C2C
0962 326630 2007-09-01	GETHING D2D
0962 326632 2007-12-01	GETHING F2F
0962 326643 2010-04-01	GETHING Q2Q
0962 326644 2011-06-01	GETHING R2R
0962 326651 2011-02-01	GETHING Y2Y
0962 327303 2009-01-01	GETHING C3C
0962 327304 2010-04-01	GETHING D3D
0962 327305 2011-03-01	GETHING E3E
0962 327320 2009-08-01	GETHING T3T
0962 327321 2010-10-01	GETHING U3U
0962 327329 2011-04-01	GETHING C4C
0962 327330 2011-03-01	GETHING D4D
0962 327331 2011-10-01	GETHING E4E
0962 348001 2011-06-01	CADOMIN A
0962 348002 2011-07-01	CADOMIN B
0962 348020 2010-04-01	CADOMIN T
0962 348034 2010-04-01	CADOMIN HH
0962 348036 2011-03-01	CADOMIN JJ
0962 348051 2007-12-01	CADOMIN YY
0962 348717 2011-02-01	CADOMIN QQQ
0962 348718 2009-01-01	CADOMIN RRR
0962 348730 2011-02-01	CADOMIN D2D
0962 348742 2011-04-01	CADOMIN P2P
0962 348743 2011-03-01	CADOMIN Q2Q
0962 408002 2010-07-01	NIKANASSIN B
0962 408007 2007-12-01	NIKANASSIN G
0962 408008 2007-12-01	NIKANASSIN H
0962 408010 2008-04-01	NIKANASSIN J

**POOL DESIGNATION (cont'd)**

0962 408011 2011-09-01	NIKANASSIN K
0962 408012 2011-10-01	NIKANASSIN L
0962 408014 2009-11-01	NIKANASSIN N
0962 408015 2009-11-01	NIKANASSIN O
0962 408016 2011-11-01	NIKANASSIN P
0962 408017 2011-11-01	NIKANASSIN Q
0962 432001 2010-04-01	ROCK CREEK A
0962 432002 2007-06-01	ROCK CREEK B
0962 444001 2007-05-01	NORDEGG A
0962 444002 2010-04-01	NORDEGG B
0962 644001 2008-07-01	BANFF A
0962 658001 2001-02-01	WABAMUN A
0962 658002 2004-07-01	WABAMUN B
0962 658003 2005-01-01	WABAMUN C
0962 658004 2011-03-01	WABAMUN D
0962 680001 2010-05-01	BLUERIDGE A
0962 696002 2010-01-01	NISKU B
0962 696003 2007-12-01	NISKU C
0962 720001 2001-02-01	LEDUC A
0962 720002 2001-02-01	LEDUC B
0962 720003 2001-02-01	LEDUC C
0962 720004 2001-02-01	LEDUC D
0962 720005 2001-02-01	LEDUC E
0962 720006 2003-06-01	LEDUC F
0962 720007 2001-06-01	LEDUC G
0962 720008 2002-09-01	LEDUC H
0962 720009 2005-05-01	LEDUC I
0962 720010 2005-02-01	LEDUC J
0962 720011 2010-04-01	LEDUC K
0962 720012 2007-12-01	LEDUC L

**POOL DESIGNATION (cont'd)**

0962 855400 2011-12-01 MFP8554 DUNVEGAN

0962 857300 2011-12-01 MFP8573 SPIRIT RIVER

**SPACING PATTERN**

SU 2622 26 Mar 1996  
SU 2622A 1 Feb 2005  
SU 2622B 9 Apr 2005  
SU 2622C 8 Dec 2006  
SU 2622D 18 Apr 2007  
From Colt Field Dec.1,07

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

App 11605 28 Apr 2011  
Class Ib  
Secure Energy Services Inc.

SU 4271 24 Jan 2005  
SU 4271A 1 Feb 2005  
SU 4271B 1 Jun 2005  
SU 4271C 29 Aug 2005  
SU 4271D 16 Jan 2006  
SU 4271E 10 Feb 2006  
SU 4271F 17 Mar 2006  
SU 4271G 3 Apr 2006  
SU 4271H 8 Dec 2006  
SU 4271I 10 Jan 2007  
SU 4271J 20 Mar 2007

**COMMINGLED PRODUCTION**

MU 7892 31 May 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 11028C 9 Nov 2011  
Class II  
Lone Pine Resources Canada Ltd.

App 11280 24 Jan 2009  
Class Ib  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

0958 2009-10-01 WILDCAT HILLS FIELD

**POOL DESIGNATION**

0958 176002 2010-08-01 CARDIUM B  
0958 176003 2010-08-01 CARDIUM C  
0958 176004 2010-04-01 CARDIUM D  
0958 176005 2010-04-01 CARDIUM E  
0958 176006 2010-04-01 CARDIUM F  
0958 176007 2010-04-01 CARDIUM G  
0958 176008 2010-04-01 CARDIUM H

0958 202001 2010-11-01 FISH SCALE A

0958 218002 2001-02-01 VIKING B  
0958 218005 2001-02-01 VIKING E  
0958 218016 2003-11-01 VIKING P  
0958 218017 2003-07-01 VIKING Q  
0958 218018 2010-04-01 VIKING R  
0958 218019 2010-04-01 VIKING S  
0958 218020 2010-04-01 VIKING T  
0958 218021 2005-02-01 VIKING U  
0958 218022 2008-08-01 VIKING V  
0958 218023 2005-05-01 VIKING W  
0958 218024 2006-02-01 VIKING X  
0958 218025 2006-04-01 VIKING Y  
0958 218029 2006-11-01 VIKING CC  
0958 218030 2006-11-01 VIKING DD  
0958 218031 2007-08-01 VIKING EE  
0958 218032 2006-12-01 VIKING FF  
0958 218033 2006-12-01 VIKING GG  
0958 218034 2007-03-01 VIKING HH  
0958 218035 2009-03-01 VIKING II  
0958 218036 2010-11-01 VIKING JJ

0958 223101 2010-04-01 VIKING-BLAIRMORE A

**POOL DESIGNATION (cont'd)**

0958 223102 2009-02-01	VIKING-BLAIRMORE B
0958 223103 2001-05-01	VIKING-BLAIRMORE C
0958 223104 2010-04-01	VIKING-BLAIRMORE D
0958 223105 2001-05-01	VIKING-BLAIRMORE E
0958 223106 2001-05-01	VIKING-BLAIRMORE F
0958 223107 2010-08-01	VIKING-BLAIRMORE G
0958 223108 2001-10-01	VIKING-BLAIRMORE H
0958 223109 2002-02-01	VIKING-BLAIRMORE I
0958 223110 2009-05-01	VIKING-BLAIRMORE J
0958 223111 2003-02-01	VIKING-BLAIRMORE K
0958 223112 2010-04-01	VIKING-BLAIRMORE L
0958 223113 2010-04-01	VIKING-BLAIRMORE M
0958 223114 2003-07-01	VIKING-BLAIRMORE N
0958 223115 2010-04-01	VIKING-BLAIRMORE O
0958 223116 2010-04-01	VIKING-BLAIRMORE P
0958 223117 2004-12-01	VIKING-BLAIRMORE Q
0958 223118 2008-04-01	VIKING-BLAIRMORE R
0958 223119 2009-05-01	VIKING-BLAIRMORE S
0958 244005 2011-12-01	BLAIRMORE E
0958 244007 2010-08-01	BLAIRMORE G
0958 244009 2010-11-01	BLAIRMORE I
0958 610001 2010-04-01	RUNDLE A
0958 610002 2010-04-01	RUNDLE B
0958 610003 2001-12-01	RUNDLE C
0958 610004 2010-04-01	RUNDLE D
0958 610006 2001-02-01	RUNDLE F
0958 610007 2010-04-01	RUNDLE G
0958 610010 2001-03-01	RUNDLE J
0958 610015 2001-11-01	RUNDLE O
0958 610016 2009-10-01	RUNDLE P

**SPACING PATTERN**

SU 2749      7 May 1996  
SU 2749A    21 Oct 1998  
SU 2749B    8 Apr 1999  
SU 2749C    26 Jan 2000  
SU 2749D    2 Feb 2001  
SU 2749E    17 Oct 2001

**COMMINGLED PRODUCTION**

MU 7477      28 Jun 2010

**SUBSURFACE DISPOSAL SCHEMES**

App 7583B    18 Nov 2010  
Class Ib  
Direct Energy Marketing Limited

**FIELD DESIGNATION**

1301 2012-01-01 WILDHAY FIELD

**POOL DESIGNATION**

1301 126002 2010-04-01 BELLY RIVER B  
1301 126003 2010-01-01 BELLY RIVER C

1301 176003 2011-12-01 CARDIUM C  
1301 176020 2007-05-01 CARDIUM T  
1301 176028 2010-12-01 CARDIUM BB

1301 186001 2006-06-01 SECOND WHITE SPECKS A

1301 192004 2010-04-01 DUNVEGAN D  
1301 192005 2007-08-01 DUNVEGAN E  
1301 192012 2011-03-01 DUNVEGAN L  
1301 192013 2010-04-01 DUNVEGAN M  
1301 192015 2011-03-01 DUNVEGAN O  
1301 192016 2011-05-01 DUNVEGAN P  
1301 192017 2011-12-01 DUNVEGAN Q  
1301 192018 2011-12-01 DUNVEGAN R

1301 218001 2010-04-01 VIKING A  
1301 218002 2011-12-01 VIKING B  
1301 218004 2007-12-01 VIKING D  
1301 218005 2011-05-01 VIKING E  
1301 218008 2011-03-01 VIKING H

1301 250002 2012-02-01 UPPER MANNVILLE B  
1301 250006 2011-12-01 UPPER MANNVILLE F  
1301 250007 2010-12-01 UPPER MANNVILLE G  
1301 250008 2010-04-01 UPPER MANNVILLE H  
1301 250010 2011-02-01 UPPER MANNVILLE J  
1301 250011 2011-12-01 UPPER MANNVILLE K  
1301 250012 2011-12-01 UPPER MANNVILLE L

**POOL DESIGNATION (cont'd)**

1301 266006 2005-05-01	NOTIKWIN F
1301 271508 2011-03-01	FALHER H
1301 304002 2011-12-01	BLUESKY B
1301 304003 2011-12-01	BLUESKY C
1301 326001 2010-04-01	GETHING A
1301 326002 2011-02-01	GETHING B
1301 326005 2010-04-01	GETHING E
1301 326013 2011-02-01	GETHING M
1301 326014 2010-04-01	GETHING N
1301 326016 2011-02-01	GETHING P
1301 326017 2011-03-01	GETHING Q
1301 326018 2011-03-01	GETHING R
1301 348001 2010-12-01	CADOMIN A
1301 348032 2010-12-01	CADOMIN FF
1301 348033 2010-04-01	CADOMIN GG
1301 348036 2011-02-01	CADOMIN JJ
1301 348037 2011-03-01	CADOMIN KK
1301 348038 2011-12-01	CADOMIN LL
1301 408001 2010-04-01	NIKANASSIN A
1301 408002 2009-12-01	NIKANASSIN B
1301 408006 2011-12-01	NIKANASSIN F
1301 432001 2010-04-01	ROCK CREEK A
1301 855400 2011-12-01	MFP8554 DUNVEGAN

**SPACING PATTERN**

SU 3017	11 Jan 2001
SU 3017A	26 Feb 2003
SU 3017B	15 Sep 2003
SU 3017C	13 Jan 2004
SU 3017D	7 May 2004
SU 3017E	1 Jun 2005
SU 3017F	8 Feb 2006
SU 3017G	13 Apr 2006

**COMMINGLED PRODUCTION**

MU 8004	18 Aug 2011
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**WILDHORSE CREEK FIELD**  
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**FIELD DESIGNATION**

0961 2001-02-01                      WILDHORSE CREEK FIELD

**POOL DESIGNATION**

0961 610001 2010-04-01              RUNDLE A

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**FIELD DESIGNATION**

0963 2011-06-01                      WILDMERE FIELD

**POOL DESIGNATION**

0963 160001 2011-07-01            COLORADO A  
0963 160002 2011-07-01            COLORADO B  
0963 160003 2011-07-01            COLORADO C

0963 186001 2001-02-01            SECOND WHITE SPECKS A  
0963 186002 2009-11-01            SECOND WHITE SPECKS B

0963 202001 2006-04-01            FISH SCALE A  
0963 202002 2009-11-01            FISH SCALE B  
0963 202003 2011-05-01            FISH SCALE C

0963 250001 2001-02-01            UPPER MANNVILLE A  
0963 250002 2001-02-01            UPPER MANNVILLE B  
0963 250003 2001-02-01            UPPER MANNVILLE C  
0963 250004 2001-02-01            UPPER MANNVILLE D  
0963 250005 2010-04-01            UPPER MANNVILLE E

0963 256001 2004-03-01            COLONY A  
0963 256002 2001-02-01            COLONY B  
0963 256003 2001-02-01            COLONY C  
0963 256004 2001-02-01            COLONY D  
0963 256006 2010-12-01            COLONY F  
0963 256007 2001-02-01            COLONY G  
0963 256008 2006-07-01            COLONY H  
0963 256009 2010-10-01            COLONY I  
0963 256011 2001-02-01            COLONY K  
0963 256012 2001-02-01            COLONY L  
0963 256013 2001-02-01            COLONY M  
0963 256014 2010-04-01            COLONY N  
0963 256015 2001-02-01            COLONY O  
0963 256017 2001-02-01            COLONY Q  
0963 256018 2001-02-01            COLONY R

**POOL DESIGNATION (cont'd)**

0963 256020	2001-02-01	COLONY T
0963 256021	2010-04-01	COLONY U
0963 256022	2001-02-01	COLONY V
0963 256025	2010-04-01	COLONY Y
0963 256026	2001-02-01	COLONY Z
0963 256028	2001-10-01	COLONY BB
0963 256029	2001-02-01	COLONY CC
0963 256030	2005-01-01	COLONY DD
0963 256031	2001-02-01	COLONY EE
0963 256032	2010-04-01	COLONY FF
0963 256033	2001-02-01	COLONY GG
0963 256035	2001-02-01	COLONY II
0963 256036	2001-02-01	COLONY JJ
0963 256037	2001-02-01	COLONY KK
0963 256038	2001-02-01	COLONY LL
0963 256040	2001-02-01	COLONY NN
0963 256041	2001-02-01	COLONY OO
0963 256042	2001-04-01	COLONY PP
0963 256043	2001-02-01	COLONY QQ
0963 256044	2001-02-01	COLONY RR
0963 256045	2001-02-01	COLONY SS
0963 256046	2001-02-01	COLONY TT
0963 256047	2001-02-01	COLONY UU
0963 256048	2001-02-01	COLONY VV
0963 256049	2001-02-01	COLONY WW
0963 256050	2001-02-01	COLONY XX
0963 256051	2001-02-01	COLONY YY
0963 256401	2001-02-01	COLONY AAA
0963 256402	2001-02-01	COLONY BBB
0963 256403	2001-02-01	COLONY CCC
0963 256404	2002-08-01	COLONY DDD
0963 256405	2001-02-01	COLONY EEE
0963 256407	2007-01-01	COLONY GGG
0963 256408	2001-02-01	COLONY HHH
0963 256409	2001-02-01	COLONY III
0963 256410	2001-02-01	COLONY JJJ
0963 256411	2001-02-01	COLONY KKK
0963 256412	2004-04-01	COLONY LLL

**POOL DESIGNATION (cont'd)**

0963 256413 2001-02-01	COLONY MMM
0963 256414 2001-02-01	COLONY NNN
0963 256415 2001-02-01	COLONY OOO
0963 256416 2001-02-01	COLONY PPP
0963 256417 2001-02-01	COLONY QQQ
0963 256418 2001-02-01	COLONY RRR
0963 256419 2001-02-01	COLONY SSS
0963 256420 2001-02-01	COLONY TTT
0963 256422 2001-02-01	COLONY VVV
0963 256423 2004-01-01	COLONY WWW
0963 256424 2001-02-01	COLONY XXX
0963 256425 2001-02-01	COLONY YYY
0963 256426 2001-02-01	COLONY ZZZ
0963 256427 2001-02-01	COLONY A2A
0963 256428 2001-02-01	COLONY B2B
0963 256429 2001-02-01	COLONY C2C
0963 256430 2001-02-01	COLONY D2D
0963 256432 2001-03-01	COLONY F2F
0963 256434 2002-04-01	COLONY H2H
0963 256435 2010-04-01	COLONY I2I
0963 256437 2003-12-01	COLONY K2K
0963 256438 2005-07-01	COLONY L2L
0963 256440 2003-05-01	COLONY N2N
0963 256441 2004-02-01	COLONY O2O
0963 256442 2004-02-01	COLONY P2P
0963 256448 2011-12-01	COLONY V2V
0963 256449 2005-02-01	COLONY W2W
0963 256450 2005-02-01	COLONY X2X
0963 256451 2005-06-01	COLONY Y2Y
0963 258701 2006-02-01	COLONY A3A
0963 258702 2006-04-01	COLONY B3B
0963 258703 2006-04-01	COLONY C3C
0963 258704 2006-07-01	COLONY D3D
0963 258705 2006-12-01	COLONY E3E
0963 258706 2009-04-01	COLONY F3F
0963 258707 2006-08-01	COLONY G3G
0963 258708 2011-08-01	COLONY H3H
0963 258709 2006-10-01	COLONY I3I

**POOL DESIGNATION (cont'd)**

0963 258710 2008-12-01	COLONY J3J
0963 258712 2010-04-01	COLONY L3L
0963 258713 2007-01-01	COLONY M3M
0963 258714 2007-05-01	COLONY N3N
0963 258715 2007-05-01	COLONY O3O
0963 258716 2007-05-01	COLONY P3P
0963 258717 2007-05-01	COLONY Q3Q
0963 258718 2007-05-01	COLONY R3R
0963 258719 2007-05-01	COLONY S3S
0963 258720 2007-11-01	COLONY T3T
0963 258721 2007-12-01	COLONY U3U
0963 258722 2008-02-01	COLONY V3V
0963 258723 2008-02-01	COLONY W3W
0963 258724 2009-03-01	COLONY X3X
0963 258725 2008-06-01	COLONY Y3Y
0963 258726 2008-10-01	COLONY Z3Z
0963 258727 2008-10-01	COLONY A4A
0963 258728 2008-10-01	COLONY B4B
0963 258729 2008-10-01	COLONY C4C
0963 258730 2008-12-01	COLONY D4D
0963 258731 2009-02-01	COLONY E4E
0963 258732 2011-03-01	COLONY F4F
0963 258733 2010-03-01	COLONY G4G
0963 258734 2010-08-01	COLONY H4H
0963 258735 2011-08-01	COLONY I4I
0963 258736 2011-12-01	COLONY J4J
0963 258737 2011-06-01	COLONY K4K
0963 258738 2011-10-01	COLONY L4L
0963 268001 2008-03-01	MCLAREN A
0963 268002 2001-02-01	MCLAREN B
0963 268003 2001-02-01	MCLAREN C
0963 268004 2001-02-01	MCLAREN D
0963 268005 2001-02-01	MCLAREN E
0963 268006 2011-11-01	MCLAREN F
0963 268007 2001-02-01	MCLAREN G
0963 268008 2002-09-01	MCLAREN H
0963 268009 2003-01-01	MCLAREN I

**POOL DESIGNATION (cont'd)**

0963 268010 2003-08-01	MCLAREN J
0963 268012 2004-03-01	MCLAREN L
0963 268013 2004-05-01	MCLAREN M
0963 268014 2004-05-01	MCLAREN N
0963 268015 2005-08-01	MCLAREN O
0963 268016 2007-03-01	MCLAREN P
0963 268017 2006-09-01	MCLAREN Q
0963 268018 2007-10-01	MCLAREN R
0963 268019 2008-05-01	MCLAREN S
0963 268020 2011-12-01	MCLAREN T
0963 270001 2004-07-01	WASECA A
0963 270002 2008-03-01	WASECA B
0963 270003 2004-03-01	WASECA C
0963 270004 2004-07-01	WASECA D
0963 270005 2006-12-01	WASECA E
0963 270006 2010-01-01	WASECA F
0963 270007 2011-10-01	WASECA G
0963 276002 2006-05-01	SPARKY B
0963 276003 2001-02-01	SPARKY C
0963 276004 2001-02-01	SPARKY D
0963 276005 2010-04-01	SPARKY E
0963 276007 2011-01-01	SPARKY G
0963 276009 2011-10-01	SPARKY I
0963 276010 2010-02-01	SPARKY J
0963 276012 2001-02-01	SPARKY L
0963 276013 2001-02-01	SPARKY M
0963 276014 2007-08-01	SPARKY N
0963 276015 2010-04-01	SPARKY O
0963 276017 2001-02-01	SPARKY Q
0963 276018 2006-07-01	SPARKY R
0963 276019 2001-02-01	SPARKY S
0963 276020 2001-02-01	SPARKY T
0963 276021 2001-02-01	SPARKY U
0963 276022 2001-02-01	SPARKY V
0963 276023 2007-01-01	SPARKY W
0963 276024 2001-02-01	SPARKY X

**POOL DESIGNATION (cont'd)**

0963 276025 2001-02-01	SPARKY Y
0963 276026 2001-02-01	SPARKY Z
0963 276028 2004-01-01	SPARKY BB
0963 276029 2001-02-01	SPARKY CC
0963 276030 2008-11-01	SPARKY DD
0963 276031 2001-02-01	SPARKY EE
0963 276033 2007-05-01	SPARKY GG
0963 276034 2001-02-01	SPARKY HH
0963 276036 2001-02-01	SPARKY JJ
0963 276037 2001-02-01	SPARKY KK
0963 276039 2011-04-01	SPARKY MM
0963 276040 2001-11-01	SPARKY NN
0963 276041 2010-10-01	SPARKY OO
0963 276042 2005-04-01	SPARKY PP
0963 276043 2003-10-01	SPARKY QQ
0963 276045 2010-05-01	SPARKY SS
0963 276046 2003-11-01	SPARKY TT
0963 276048 2004-08-01	SPARKY VV
0963 276049 2005-08-01	SPARKY WW
0963 276051 2005-04-01	SPARKY YY
0963 276052 2005-06-01	SPARKY ZZ
0963 276201 2005-10-01	SPARKY AAA
0963 276202 2006-01-01	SPARKY BBB
0963 276203 2006-02-01	SPARKY CCC
0963 276204 2010-06-01	SPARKY DDD
0963 276205 2008-10-01	SPARKY EEE
0963 276206 2008-11-01	SPARKY FFF
0963 276208 2010-05-01	SPARKY HHH
0963 276210 2010-01-01	SPARKY JJJ
0963 276212 2010-11-01	SPARKY LLL
0963 276213 2011-06-01	SPARKY MMM
0963 276214 2011-12-01	SPARKY NNN
0963 286001 2010-04-01	GENERAL PETROLEUM A
0963 286002 2011-10-01	GENERAL PETROLEUM B
0963 286003 2010-04-01	GENERAL PETROLEUM C
0963 286005 2001-02-01	GENERAL PETROLEUM E
0963 286006 2010-04-01	GENERAL PETROLEUM F

**POOL DESIGNATION (cont'd)**

0963 286007 2010-04-01 GENERAL PETROLEUM G  
0963 286008 2001-02-01 GENERAL PETROLEUM H  
0963 286010 2010-04-01 GENERAL PETROLEUM J  
0963 286011 2001-02-01 GENERAL PETROLEUM K  
0963 286012 2001-03-01 GENERAL PETROLEUM L  
0963 286013 2002-09-01 GENERAL PETROLEUM M  
0963 286014 2003-05-01 GENERAL PETROLEUM N  
0963 286015 2010-04-01 GENERAL PETROLEUM O  
0963 286016 2010-04-01 GENERAL PETROLEUM P  
0963 286017 2009-12-01 GENERAL PETROLEUM Q

0963 288001 2001-02-01 REX A  
0963 288002 2001-02-01 REX B  
0963 288003 2005-12-01 REX C  
0963 288004 2001-02-01 REX D  
0963 288006 2001-02-01 REX F  
0963 288007 2007-02-01 REX G  
0963 288008 2005-07-01 REX H  
0963 288009 2007-11-01 REX I

0963 294001 2011-10-01 LLOYDMINSTER A  
0963 294002 2001-02-01 LLOYDMINSTER B  
0963 294003 2012-02-01 LLOYDMINSTER C  
0963 294006 2001-02-01 LLOYDMINSTER F  
0963 294007 2001-02-01 LLOYDMINSTER G  
0963 294008 2001-02-01 LLOYDMINSTER H  
0963 294009 2008-11-01 LLOYDMINSTER I  
0963 294010 2004-06-01 LLOYDMINSTER J  
0963 294011 2011-04-01 LLOYDMINSTER K  
0963 294022 2010-04-01 LLOYDMINSTER V  
0963 294024 2001-02-01 LLOYDMINSTER X  
0963 294027 2007-02-01 LLOYDMINSTER AA  
0963 294028 2001-02-01 LLOYDMINSTER BB  
0963 294029 2001-02-01 LLOYDMINSTER CC  
0963 294030 2001-02-01 LLOYDMINSTER DD  
0963 294031 2003-03-01 LLOYDMINSTER EE  
0963 294032 2001-02-01 LLOYDMINSTER FF  
0963 294033 2001-02-01 LLOYDMINSTER GG

**POOL DESIGNATION (cont'd)**

0963 294034 2006-02-01	LLOYDMINSTER HH
0963 294035 2007-01-01	LLOYDMINSTER II
0963 294036 2001-02-01	LLOYDMINSTER JJ
0963 294037 2001-02-01	LLOYDMINSTER KK
0963 294038 2001-02-01	LLOYDMINSTER LL
0963 294039 2010-04-01	LLOYDMINSTER MM
0963 294042 2003-02-01	LLOYDMINSTER PP
0963 294044 2008-06-01	LLOYDMINSTER RR
0963 294045 2003-11-01	LLOYDMINSTER SS
0963 294046 2004-05-01	LLOYDMINSTER TT
0963 294049 2004-07-01	LLOYDMINSTER WW
0963 294050 2005-06-01	LLOYDMINSTER XX
0963 294052 2005-11-01	LLOYDMINSTER ZZ
0963 294301 2005-11-01	LLOYDMINSTER AAA
0963 294302 2005-11-01	LLOYDMINSTER BBB
0963 294303 2007-11-01	LLOYDMINSTER CCC
0963 294304 2011-02-01	LLOYDMINSTER DDD
0963 294305 2007-04-01	LLOYDMINSTER EEE
0963 294306 2006-09-01	LLOYDMINSTER FFF
0963 294307 2007-11-01	LLOYDMINSTER GGG
0963 294308 2011-11-01	LLOYDMINSTER HHH
0963 294309 2010-07-01	LLOYDMINSTER III
0963 294310 2011-05-01	LLOYDMINSTER JJJ
0963 302001 2001-02-01	CUMMINGS A
0963 302002 2001-02-01	CUMMINGS B
0963 302003 2001-10-01	CUMMINGS C
0963 302004 2001-02-01	CUMMINGS D
0963 302005 2001-12-01	CUMMINGS E
0963 302006 2005-12-01	CUMMINGS F
0963 302007 2007-10-01	CUMMINGS G
0963 302008 2008-07-01	CUMMINGS H
0963 302009 2010-04-01	CUMMINGS I

**SPACING PATTERN**

SU 4157 17 Mar 2004  
SU 4157A 21 Jul 2004  
SU 4157B 25 Jul 2005  
SU 4157C 5 Dec 2005  
SU 4157D 28 Sep 2006  
SU 4157E 12 Dec 2006  
SU 4157F 25 Apr 2007

**COMMINGLED PRODUCTION**

MU 7497 5 Aug 2010

**ENHANCED RECOVERY SCHEMES**

App 8257C 18 Dec 2009  
Waterflood  
Sparky B  
Husky Oil Operations Limited

App 9336G 20 Oct 2011  
Other  
Lloydminster A & Sparky E  
Enerplus Corporation

App 9929C 15 Sep 2011  
Waterflood  
Lloydminster A  
Husky Oil Operations Limited

App 9971C 6 Apr 2011  
Waterflood  
General Petroleum G  
Bonavista Energy Corporation

**SUBSURFACE DISPOSAL SCHEMES**

App 9184A 13 Jan 2012  
Class II  
Enerplus Corporation

App 9659F 23 Jan 2012  
Class II  
Husky Oil Operations Limited

App 10068 30 Sep 2004  
Class II  
Flowing Energy Corporation

App 10833A 23 Mar 2009  
Class II  
Devon Canada Corporation

App 11303B 30 May 2011  
Class II  
Bonavista Energy Corporation

App 11332B 31 Oct 2011  
Class II  
Gear Energy Ltd.

**COMPULSORY POOLING**

P 233 10 Dec 2002  
Section 31-50-6W4M  
Gas to base McLaren  
Glencoe Resources Ltd.

P 411 9 Apr 2010  
Section 33-050-06W4M  
Mannville Group  
611890 Alberta Inc.

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**FIELD DESIGNATION**

0965 2009-01-01                      WILDUNN CREEK FIELD

**POOL DESIGNATION**

0965 134001 2005-07-01      BASAL BELLY RIVER A  
0965 134002 2005-07-01      BASAL BELLY RIVER B  
0965 134003 2005-07-01      BASAL BELLY RIVER C

0965 218001 2010-04-01      VIKING A  
0965 218002 2005-03-01      VIKING B  
0965 218003 2001-02-01      VIKING C

0965 250002 2007-10-01      UPPER MANNVILLE B  
0965 250003 2009-01-01      UPPER MANNVILLE C

0965 316001 2001-02-01      OSTRACOD A

**SPACING PATTERN**

SU 2573            13 Feb 1996  
SU 2573A          20 Sep 2002

**FIELD DESIGNATION**

0809 2011-02-01 WILDWOOD FIELD

**POOL DESIGNATION**

0809 106001 2006-04-01 EDMONTON A

0809 218001 2007-10-01 VIKING A

0809 250001 2002-05-01 UPPER MANNVILLE A  
0809 250002 2003-01-01 UPPER MANNVILLE B  
0809 250003 2004-02-01 UPPER MANNVILLE C

0809 316001 2003-01-01 OSTRACOD A

0809 334001 2003-09-01 BASAL QUARTZ A  
0809 334002 2002-02-01 BASAL QUARTZ B  
0809 334003 2002-05-01 BASAL QUARTZ C  
0809 334004 2007-01-01 BASAL QUARTZ D

0809 444002 2004-09-01 NORDEGG B  
0809 444003 2007-10-01 NORDEGG C  
0809 444004 2008-02-01 NORDEGG D  
0809 444005 2011-02-01 NORDEGG E

0809 642001 2001-02-01 PEKISKO A  
0809 642002 2001-07-01 PEKISKO B  
0809 642003 2002-09-01 PEKISKO C  
0809 642004 2008-04-01 PEKISKO D  
0809 642005 2008-10-01 PEKISKO E  
0809 642006 2011-05-01 PEKISKO F  
0809 642007 2011-02-01 PEKISKO G

0809 644001 2011-05-01 BANFF A

0809 696001 2008-10-01 D-2 A

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SU 2574      13 Feb 1996

**COMMINGLED PRODUCTION**

MU 7716      4 Feb 2011

**FIELD DESIGNATION**

0967 2011-12-01 WILLESDEN GREEN FIELD

**POOL DESIGNATION**

0967 064001 2009-09-01 PASKAPOO A  
0967 064002 2009-09-01 PASKAPOO B  
0967 064003 2010-05-01 PASKAPOO C  
0967 064005 2010-03-01 PASKAPOO E

0967 105001 2009-03-01 SCOLLARD A  
0967 105002 2009-03-01 SCOLLARD B

0967 106003 2004-05-01 EDMONTON C  
0967 106006 2005-07-01 EDMONTON F  
0967 106007 2006-01-01 EDMONTON G  
0967 106008 2008-05-01 EDMONTON H  
0967 106011 2006-05-01 EDMONTON K  
0967 106013 2006-05-01 EDMONTON M  
0967 106015 2007-02-01 EDMONTON O  
0967 106017 2007-01-01 EDMONTON Q  
0967 106018 2007-01-01 EDMONTON R  
0967 106019 2010-11-01 EDMONTON S  
0967 106020 2007-01-01 EDMONTON T  
0967 106021 2009-01-01 EDMONTON U  
0967 106022 2010-04-01 EDMONTON V  
0967 106023 2007-12-01 EDMONTON W  
0967 106024 2010-04-01 EDMONTON X  
0967 106025 2007-12-01 EDMONTON Y  
0967 106026 2008-03-01 EDMONTON Z  
0967 106028 2008-03-01 EDMONTON BB  
0967 106029 2010-04-01 EDMONTON CC  
0967 106032 2010-04-01 EDMONTON FF  
0967 106033 2008-06-01 EDMONTON GG  
0967 106034 2010-04-01 EDMONTON HH  
0967 106035 2010-04-01 EDMONTON II  
0967 106036 2008-09-01 EDMONTON JJ

**POOL DESIGNATION (cont'd)**

0967 106037 2008-12-01	EDMONTON KK
0967 106038 2011-06-01	EDMONTON LL
0967 106039 2008-12-01	EDMONTON MM
0967 106040 2008-12-01	EDMONTON NN
0967 106041 2009-01-01	EDMONTON OO
0967 106042 2010-04-01	EDMONTON PP
0967 106043 2010-04-01	EDMONTON QQ
0967 106044 2009-06-01	EDMONTON RR
0967 106045 2010-04-01	EDMONTON SS
0967 106047 2009-09-01	EDMONTON UU
0967 106048 2009-09-01	EDMONTON VV
0967 106050 2009-10-01	EDMONTON XX
0967 106051 2009-10-01	EDMONTON YY
0967 106052 2009-10-01	EDMONTON ZZ
0967 106602 2009-11-01	EDMONTON BBB
0967 106603 2010-01-01	EDMONTON CCC
0967 106604 2010-04-01	EDMONTON DDD
0967 106605 2010-04-01	EDMONTON EEE
0967 106606 2010-10-01	EDMONTON FFF
0967 106608 2011-02-01	EDMONTON HHH
0967 106609 2011-03-01	EDMONTON III
0967 106610 2011-07-01	EDMONTON JJJ
0967 106611 2011-09-01	EDMONTON KKK
0967 106612 2011-09-01	EDMONTON LLL
0967 106613 2011-11-01	EDMONTON MMM
0967 118801 2006-11-01	LOWER EDMONTON A
0967 118802 2006-11-01	LOWER EDMONTON B
0967 118804 2006-11-01	LOWER EDMONTON D
0967 118805 2006-11-01	LOWER EDMONTON E
0967 118806 2007-02-01	LOWER EDMONTON F
0967 118807 2006-12-01	LOWER EDMONTON G
0967 118808 2007-01-01	LOWER EDMONTON H
0967 118809 2007-01-01	LOWER EDMONTON I
0967 118810 2010-04-01	LOWER EDMONTON J
0967 118811 2010-04-01	LOWER EDMONTON K
0967 118812 2008-05-01	LOWER EDMONTON L
0967 118813 2008-08-01	LOWER EDMONTON M

**POOL DESIGNATION (cont'd)**

0967 118815 2010-04-01	LOWER EDMONTON O
0967 118817 2010-04-01	LOWER EDMONTON Q
0967 118818 2008-11-01	LOWER EDMONTON R
0967 118819 2008-11-01	LOWER EDMONTON S
0967 118821 2010-04-01	LOWER EDMONTON U
0967 118822 2009-03-01	LOWER EDMONTON V
0967 118823 2010-04-01	LOWER EDMONTON W
0967 118824 2010-04-01	LOWER EDMONTON X
0967 118825 2010-04-01	LOWER EDMONTON Y
0967 118827 2009-09-01	LOWER EDMONTON AA
0967 118828 2009-09-01	LOWER EDMONTON BB
0967 118829 2010-03-01	LOWER EDMONTON CC
0967 118830 2009-10-01	LOWER EDMONTON DD
0967 118831 2009-10-01	LOWER EDMONTON EE
0967 118832 2009-11-01	LOWER EDMONTON FF
0967 118833 2010-02-01	LOWER EDMONTON GG
0967 118834 2010-04-01	LOWER EDMONTON HH
0967 118835 2010-04-01	LOWER EDMONTON II
0967 118836 2010-10-01	LOWER EDMONTON JJ
0967 118837 2010-07-01	LOWER EDMONTON KK
0967 118838 2010-05-01	LOWER EDMONTON LL
0967 118839 2011-07-01	LOWER EDMONTON MM
0967 118840 2011-11-01	LOWER EDMONTON NN
0967 126005 2001-02-01	BELLY RIVER E
0967 126006 2006-06-01	BELLY RIVER F
0967 126013 2001-02-01	BELLY RIVER M
0967 126017 2001-02-01	BELLY RIVER Q
0967 126019 2010-08-01	BELLY RIVER S
0967 126022 2010-08-01	BELLY RIVER V
0967 126027 2010-04-01	BELLY RIVER AA
0967 126028 2001-02-01	BELLY RIVER BB
0967 126029 2001-02-01	BELLY RIVER CC
0967 126030 2001-02-01	BELLY RIVER DD
0967 126034 2001-02-01	BELLY RIVER HH
0967 126039 2001-02-01	BELLY RIVER MM
0967 126046 2010-04-01	BELLY RIVER TT
0967 126049 2001-02-01	BELLY RIVER WW

**POOL DESIGNATION (cont'd)**

0967 126051 2001-02-01	BELLY RIVER YY
0967 126052 2001-02-01	BELLY RIVER ZZ
0967 126302 2001-02-01	BELLY RIVER BBB
0967 126306 2001-02-01	BELLY RIVER FFF
0967 126309 2010-04-01	BELLY RIVER III
0967 126310 2010-04-01	BELLY RIVER JJJ
0967 126312 2001-02-01	BELLY RIVER LLL
0967 126314 2001-02-01	BELLY RIVER NNN
0967 126316 2001-02-01	BELLY RIVER PPP
0967 126318 2001-02-01	BELLY RIVER RRR
0967 126325 2001-02-01	BELLY RIVER YYY
0967 126326 2004-08-01	BELLY RIVER ZZZ
0967 126329 2007-07-01	BELLY RIVER C2C
0967 126330 2003-06-01	BELLY RIVER D2D
0967 126334 2006-02-01	BELLY RIVER H2H
0967 126336 2004-05-01	BELLY RIVER J2J
0967 126337 2004-12-01	BELLY RIVER K2K
0967 126338 2005-03-01	BELLY RIVER L2L
0967 126339 2004-12-01	BELLY RIVER M2M
0967 126340 2010-08-01	BELLY RIVER N2N
0967 126342 2005-03-01	BELLY RIVER P2P
0967 126343 2005-04-01	BELLY RIVER Q2Q
0967 126344 2005-08-01	BELLY RIVER R2R
0967 126345 2005-07-01	BELLY RIVER S2S
0967 126347 2005-09-01	BELLY RIVER U2U
0967 126348 2006-02-01	BELLY RIVER V2V
0967 126349 2005-12-01	BELLY RIVER W2W
0967 126350 2006-03-01	BELLY RIVER X2X
0967 126351 2010-04-01	BELLY RIVER Y2Y
0967 126352 2010-04-01	BELLY RIVER Z2Z
0967 126401 2006-08-01	BELLY RIVER A3A
0967 126402 2006-12-01	BELLY RIVER B3B
0967 126403 2007-01-01	BELLY RIVER C3C
0967 126404 2007-08-01	BELLY RIVER D3D
0967 126405 2007-08-01	BELLY RIVER E3E
0967 126407 2010-04-01	BELLY RIVER G3G
0967 126408 2010-04-01	BELLY RIVER H3H
0967 126409 2008-03-01	BELLY RIVER I3I

**POOL DESIGNATION (cont'd)**

0967 126410 2008-12-01	BELLY RIVER J3J
0967 126411 2008-12-01	BELLY RIVER K3K
0967 126412 2009-02-01	BELLY RIVER L3L
0967 126413 2009-04-01	BELLY RIVER M3M
0967 126414 2010-07-01	BELLY RIVER N3N
0967 126415 2009-08-01	BELLY RIVER O3O
0967 126416 2009-10-01	BELLY RIVER P3P
0967 126417 2010-02-01	BELLY RIVER Q3Q
0967 126418 2010-04-01	BELLY RIVER R3R
0967 126419 2011-12-01	BELLY RIVER S3S
0967 134001 2010-04-01	BASAL BELLY RIVER A
0967 134002 2010-04-01	BASAL BELLY RIVER B
0967 134003 2005-05-01	BASAL BELLY RIVER C
0967 134004 2005-05-01	BASAL BELLY RIVER D
0967 134005 2010-04-01	BASAL BELLY RIVER E
0967 134006 2010-04-01	BASAL BELLY RIVER F
0967 134007 2005-05-01	BASAL BELLY RIVER G
0967 134008 2005-05-01	BASAL BELLY RIVER H
0967 134009 2010-01-01	BASAL BELLY RIVER I
0967 134010 2005-05-01	BASAL BELLY RIVER J
0967 134011 2010-04-01	BASAL BELLY RIVER K
0967 134012 2005-05-01	BASAL BELLY RIVER L
0967 134013 2009-09-01	BASAL BELLY RIVER M
0967 134014 2005-05-01	BASAL BELLY RIVER N
0967 134015 2005-05-01	BASAL BELLY RIVER O
0967 134016 2005-05-01	BASAL BELLY RIVER P
0967 134017 2005-05-01	BASAL BELLY RIVER Q
0967 134018 2006-06-01	BASAL BELLY RIVER R
0967 134019 2005-05-01	BASAL BELLY RIVER S
0967 134020 2005-05-01	BASAL BELLY RIVER T
0967 134021 2005-05-01	BASAL BELLY RIVER U
0967 134022 2005-05-01	BASAL BELLY RIVER V
0967 134023 2005-05-01	BASAL BELLY RIVER W
0967 134024 2010-04-01	BASAL BELLY RIVER X
0967 134025 2007-04-01	BASAL BELLY RIVER Y
0967 134026 2010-04-01	BASAL BELLY RIVER Z
0967 134027 2005-05-01	BASAL BELLY RIVER AA

**POOL DESIGNATION (cont'd)**

0967 134028 2005-05-01	BASAL BELLY RIVER BB
0967 134029 2010-04-01	BASAL BELLY RIVER CC
0967 134030 2005-05-01	BASAL BELLY RIVER DD
0967 134031 2005-05-01	BASAL BELLY RIVER EE
0967 134032 2010-08-01	BASAL BELLY RIVER FF
0967 134033 2005-05-01	BASAL BELLY RIVER GG
0967 134034 2005-05-01	BASAL BELLY RIVER HH
0967 134035 2008-07-01	BASAL BELLY RIVER II
0967 134036 2005-05-01	BASAL BELLY RIVER JJ
0967 134037 2010-04-01	BASAL BELLY RIVER KK
0967 134038 2005-05-01	BASAL BELLY RIVER LL
0967 134039 2005-05-01	BASAL BELLY RIVER MM
0967 134040 2005-05-01	BASAL BELLY RIVER NN
0967 134041 2005-05-01	BASAL BELLY RIVER OO
0967 134042 2005-05-01	BASAL BELLY RIVER PP
0967 134043 2005-05-01	BASAL BELLY RIVER QQ
0967 134044 2005-05-01	BASAL BELLY RIVER RR
0967 134045 2010-04-01	BASAL BELLY RIVER SS
0967 134046 2005-05-01	BASAL BELLY RIVER TT
0967 134047 2005-05-01	BASAL BELLY RIVER UU
0967 134048 2005-05-01	BASAL BELLY RIVER VV
0967 134049 2005-05-01	BASAL BELLY RIVER WW
0967 134050 2005-05-01	BASAL BELLY RIVER XX
0967 134051 2005-05-01	BASAL BELLY RIVER YY
0967 134052 2005-05-01	BASAL BELLY RIVER ZZ
0967 134101 2005-05-01	BASAL BELLY RIVER AAA
0967 134103 2006-05-01	BASAL BELLY RIVER CCC
0967 134104 2006-06-01	BASAL BELLY RIVER DDD
0967 134105 2006-10-01	BASAL BELLY RIVER EEE
0967 134106 2007-12-01	BASAL BELLY RIVER FFF
0967 134107 2008-11-01	BASAL BELLY RIVER GGG
0967 134108 2009-08-01	BASAL BELLY RIVER HHH
0967 134109 2010-04-01	BASAL BELLY RIVER III
0967 134110 2011-06-01	BASAL BELLY RIVER JJJ
0967 176001 2012-02-01	CARDIUM A
0967 176004 2001-02-01	CARDIUM D
0967 176005 2010-04-01	CARDIUM E

**POOL DESIGNATION (cont'd)**

0967 176007 2001-02-01	CARDIUM G
0967 176008 2001-02-01	CARDIUM H
0967 176009 2001-02-01	CARDIUM I
0967 176010 2010-04-01	CARDIUM J
0967 176012 2001-02-01	CARDIUM L
0967 176013 2001-02-01	CARDIUM M
0967 176014 2001-02-01	CARDIUM N
0967 176015 2001-02-01	CARDIUM O
0967 176016 2002-05-01	CARDIUM P
0967 176019 2001-02-01	CARDIUM S
0967 176020 2001-02-01	CARDIUM T
0967 176021 2010-04-01	CARDIUM U
0967 176022 2001-03-01	CARDIUM V
0967 176024 2010-06-01	CARDIUM X
0967 176025 2007-07-01	CARDIUM Y
0967 176027 2005-03-01	CARDIUM AA
0967 176028 2005-04-01	CARDIUM BB
0967 176029 2009-06-01	CARDIUM CC
0967 176030 2006-03-01	CARDIUM DD
0967 176031 2010-04-01	CARDIUM EE
0967 176032 2008-03-01	CARDIUM FF
0967 176034 2009-04-01	CARDIUM HH
0967 176036 2009-08-01	CARDIUM JJ
0967 176037 2010-10-01	CARDIUM KK
0967 176038 2011-12-01	CARDIUM LL
0967 176039 2011-06-01	CARDIUM MM
0967 176040 2011-06-01	CARDIUM NN
0967 186001 2001-02-01	SECOND WHITE SPECKS A
0967 186002 2001-02-01	SECOND WHITE SPECKS B
0967 186004 2010-04-01	SECOND WHITE SPECKS D
0967 186005 2001-02-01	SECOND WHITE SPECKS E
0967 186006 2010-04-01	SECOND WHITE SPECKS F
0967 186007 2010-03-01	SECOND WHITE SPECKS G
0967 186008 2001-02-01	SECOND WHITE SPECKS H
0967 186009 2010-04-01	SECOND WHITE SPECKS I
0967 186012 2010-04-01	SECOND WHITE SPECKS L
0967 186013 2001-02-01	SECOND WHITE SPECKS M

**POOL DESIGNATION (cont'd)**

0967 186014 2004-10-01	SECOND WHITE SPECKS N
0967 186015 2001-05-01	SECOND WHITE SPECKS O
0967 186016 2010-05-01	SECOND WHITE SPECKS P
0967 186017 2001-02-01	SECOND WHITE SPECKS Q
0967 186018 2001-02-01	SECOND WHITE SPECKS R
0967 186019 2001-02-01	SECOND WHITE SPECKS S
0967 186020 2001-02-01	SECOND WHITE SPECKS T
0967 186021 2001-08-01	SECOND WHITE SPECKS U
0967 186022 2003-05-01	SECOND WHITE SPECKS V
0967 186023 2005-04-01	SECOND WHITE SPECKS W
0967 186024 2010-04-01	SECOND WHITE SPECKS X
0967 186025 2010-03-01	SECOND WHITE SPECKS Y
0967 186026 2008-01-01	SECOND WHITE SPECKS Z
0967 186027 2008-03-01	SECOND WHITE SPCKS AA
0967 186028 2009-09-01	SECOND WHITE SPCKS BB
0967 186029 2010-04-01	SECOND WHITE SPCKS CC
0967 186030 2012-01-01	SECOND WHITE SPCKS DD
0967 218001 2010-04-01	VIKING A
0967 218002 2010-04-01	VIKING B
0967 218007 2010-04-01	VIKING G
0967 218008 2010-04-01	VIKING H
0967 218012 2001-02-01	VIKING L
0967 218013 2010-04-01	VIKING M
0967 218017 2001-02-01	VIKING Q
0967 218018 2010-04-01	VIKING R
0967 218019 2001-02-01	VIKING S
0967 218020 2001-02-01	VIKING T
0967 218022 2001-02-01	VIKING V
0967 218023 2001-02-01	VIKING W
0967 218025 2008-03-01	VIKING Y
0967 218026 2010-04-01	VIKING Z
0967 218030 2001-02-01	VIKING DD
0967 218031 2001-02-01	VIKING EE
0967 218032 2001-02-01	VIKING FF
0967 218033 2001-02-01	VIKING GG
0967 218034 2001-02-01	VIKING HH

**POOL DESIGNATION (cont'd)**

0967 218035 2001-02-01	VIKING II
0967 218036 2010-04-01	VIKING JJ
0967 218037 2011-07-01	VIKING KK
0967 218038 2001-02-01	VIKING LL
0967 218040 2001-11-01	VIKING NN
0967 218041 2003-04-01	VIKING OO
0967 218042 2010-04-01	VIKING PP
0967 218043 2005-02-01	VIKING QQ
0967 218044 2010-04-01	VIKING RR
0967 218045 2006-09-01	VIKING SS
0967 218046 2006-11-01	VIKING TT
0967 218047 2006-08-01	VIKING UU
0967 218048 2006-09-01	VIKING VV
0967 218049 2009-02-01	VIKING WW
0967 218050 2008-10-01	VIKING XX
0967 218051 2008-10-01	VIKING YY
0967 218052 2009-01-01	VIKING ZZ
0967 220401 2009-10-01	VIKING AAA
0967 220402 2009-10-01	VIKING BBB
0967 220403 2009-10-01	VIKING CCC
0967 220404 2009-10-01	VIKING DDD
0967 220405 2010-04-01	VIKING EEE
0967 220407 2010-04-01	VIKING GGG
0967 250001 2010-04-01	UPPER MANNVILLE A
0967 250002 2010-04-01	UPPER MANNVILLE B
0967 250003 2010-04-01	UPPER MANNVILLE C
0967 250004 2010-04-01	UPPER MANNVILLE D
0967 250005 2007-11-01	UPPER MANNVILLE E
0967 250006 2007-12-01	UPPER MANNVILLE F
0967 250007 2010-04-01	UPPER MANNVILLE G
0967 250008 2007-12-01	UPPER MANNVILLE H
0967 250009 2009-05-01	UPPER MANNVILLE I
0967 250010 2010-04-01	UPPER MANNVILLE J
0967 250011 2010-04-01	UPPER MANNVILLE K
0967 250012 2008-05-01	UPPER MANNVILLE L
0967 250013 2010-04-01	UPPER MANNVILLE M
0967 250014 2011-05-01	UPPER MANNVILLE N

**POOL DESIGNATION (cont'd)**

0967 250015 2010-04-01 UPPER MANNVILLE O  
0967 250016 2011-11-01 UPPER MANNVILLE P  
0967 250017 2011-03-01 UPPER MANNVILLE Q  
0967 250018 2009-03-01 UPPER MANNVILLE R  
0967 250019 2009-12-01 UPPER MANNVILLE S  
0967 250020 2010-04-01 UPPER MANNVILLE T  
0967 250021 2010-01-01 UPPER MANNVILLE U  
0967 250022 2010-10-01 UPPER MANNVILLE V  
0967 250023 2010-04-01 UPPER MANNVILLE W  
0967 250024 2010-10-01 UPPER MANNVILLE X  
0967 250025 2010-10-01 UPPER MANNVILLE Y  
0967 250029 2011-06-01 UPPER MANNVILLE CC  
0967 250030 2011-09-01 UPPER MANNVILLE DD  
0967 250032 2011-11-01 UPPER MANNVILLE FF  
0967 250033 2012-01-01 UPPER MANNVILLE GG

0967 300001 2010-04-01 GLAUCONITIC A  
0967 300002 2001-02-01 GLAUCONITIC B  
0967 300003 2012-01-01 GLAUCONITIC C  
0967 300004 2011-09-01 GLAUCONITIC D  
0967 300005 2001-02-01 GLAUCONITIC E  
0967 300006 2011-05-01 GLAUCONITIC F  
0967 300010 2010-04-01 GLAUCONITIC J  
0967 300011 2010-03-01 GLAUCONITIC K  
0967 300013 2011-09-01 GLAUCONITIC M  
0967 300014 2010-04-01 GLAUCONITIC N  
0967 300016 2010-12-01 GLAUCONITIC P  
0967 300018 2004-06-01 GLAUCONITIC R  
0967 300023 2005-07-01 GLAUCONITIC W  
0967 300024 2010-04-01 GLAUCONITIC X  
0967 300025 2006-03-01 GLAUCONITIC Y  
0967 300026 2008-02-01 GLAUCONITIC Z  
0967 300028 2010-04-01 GLAUCONITIC BB  
0967 300031 2007-04-01 GLAUCONITIC EE  
0967 300033 2010-04-01 GLAUCONITIC GG  
0967 300034 2007-11-01 GLAUCONITIC HH  
0967 300036 2007-12-01 GLAUCONITIC JJ  
0967 300037 2009-05-01 GLAUCONITIC KK

**POOL DESIGNATION (cont'd)**

0967 300045 2011-12-01	GLAUCONITIC SS
0967 300046 2009-03-01	GLAUCONITIC TT
0967 300047 2010-04-01	GLAUCONITIC UU
0967 300048 2010-04-01	GLAUCONITIC VV
0967 300051 2010-04-01	GLAUCONITIC YY
0967 300901 2009-10-01	GLAUCONITIC AAA
0967 300902 2011-01-01	GLAUCONITIC BBB
0967 300903 2010-01-01	GLAUCONITIC CCC
0967 300905 2010-12-01	GLAUCONITIC EEE
0967 300906 2010-12-01	GLAUCONITIC FFF
0967 300907 2011-10-01	GLAUCONITIC GGG
0967 300908 2011-10-01	GLAUCONITIC HHH
0967 300909 2012-01-01	GLAUCONITIC III
0967 300910 2012-02-01	GLAUCONITIC JJJ
0967 310001 2010-04-01	LOWER MANNVILLE A
0967 310002 2006-01-01	LOWER MANNVILLE B
0967 310003 2006-04-01	LOWER MANNVILLE C
0967 310004 2010-04-01	LOWER MANNVILLE D
0967 310005 2009-07-01	LOWER MANNVILLE E
0967 310007 2010-04-01	LOWER MANNVILLE G
0967 310008 2011-04-01	LOWER MANNVILLE H
0967 316001 2010-04-01	OSTRACOD A
0967 316002 2004-11-01	OSTRACOD B
0967 316003 2001-02-01	OSTRACOD C
0967 316004 2010-04-01	OSTRACOD D
0967 316005 2009-04-01	OSTRACOD E
0967 316006 2001-02-01	OSTRACOD F
0967 316008 2010-08-01	OSTRACOD H
0967 316010 2009-04-01	OSTRACOD J
0967 316011 2001-02-01	OSTRACOD K
0967 316012 2001-04-01	OSTRACOD L
0967 316013 2002-02-01	OSTRACOD M
0967 316014 2002-02-01	OSTRACOD N
0967 316015 2002-04-01	OSTRACOD O
0967 316016 2005-09-01	OSTRACOD P
0967 316017 2010-04-01	OSTRACOD Q

**POOL DESIGNATION (cont'd)**

0967 316018 2005-10-01	OSTRACOD R
0967 316020 2006-09-01	OSTRACOD T
0967 316021 2007-04-01	OSTRACOD U
0967 316022 2010-04-01	OSTRACOD V
0967 316023 2007-12-01	OSTRACOD W
0967 316025 2010-04-01	OSTRACOD Y
0967 316026 2010-04-01	OSTRACOD Z
0967 316028 2010-04-01	OSTRACOD BB
0967 316029 2011-04-01	OSTRACOD CC
0967 336002 2001-02-01	ELLERSLIE B
0967 336004 2001-02-01	ELLERSLIE D
0967 336005 2001-02-01	ELLERSLIE E
0967 336006 2001-02-01	ELLERSLIE F
0967 336007 2011-04-01	ELLERSLIE G
0967 336008 2010-04-01	ELLERSLIE H
0967 336009 2009-06-01	ELLERSLIE I
0967 336011 2001-02-01	ELLERSLIE K
0967 336012 2011-12-01	ELLERSLIE L
0967 336014 2010-04-01	ELLERSLIE N
0967 336016 2001-04-01	ELLERSLIE P
0967 336017 2010-04-01	ELLERSLIE Q
0967 336019 2001-02-01	ELLERSLIE S
0967 336020 2010-04-01	ELLERSLIE T
0967 336022 2011-12-01	ELLERSLIE V
0967 336023 2004-06-01	ELLERSLIE W
0967 336024 2001-06-01	ELLERSLIE X
0967 336026 2001-12-01	ELLERSLIE Z
0967 336027 2010-04-01	ELLERSLIE AA
0967 336028 2002-05-01	ELLERSLIE BB
0967 336029 2002-06-01	ELLERSLIE CC
0967 336030 2003-03-01	ELLERSLIE DD
0967 336031 2003-04-01	ELLERSLIE EE
0967 336032 2003-12-01	ELLERSLIE FF
0967 336033 2010-04-01	ELLERSLIE GG
0967 336035 2009-01-01	ELLERSLIE II
0967 336036 2004-06-01	ELLERSLIE JJ
0967 336037 2004-06-01	ELLERSLIE KK

**POOL DESIGNATION (cont'd)**

0967 336038 2005-09-01	ELLERSLIE LL
0967 336039 2010-04-01	ELLERSLIE MM
0967 336040 2010-06-01	ELLERSLIE NN
0967 336041 2005-07-01	ELLERSLIE OO
0967 336042 2010-04-01	ELLERSLIE PP
0967 336043 2006-01-01	ELLERSLIE QQ
0967 336044 2006-05-01	ELLERSLIE RR
0967 336045 2006-05-01	ELLERSLIE SS
0967 336046 2010-04-01	ELLERSLIE TT
0967 336047 2010-04-01	ELLERSLIE UU
0967 336048 2010-04-01	ELLERSLIE VV
0967 336049 2010-04-01	ELLERSLIE WW
0967 336050 2007-02-01	ELLERSLIE XX
0967 336051 2010-04-01	ELLERSLIE YY
0967 336501 2010-05-01	ELLERSLIE AAA
0967 336502 2010-04-01	ELLERSLIE BBB
0967 336503 2007-01-01	ELLERSLIE CCC
0967 336504 2007-01-01	ELLERSLIE DDD
0967 336505 2007-01-01	ELLERSLIE EEE
0967 336506 2007-03-01	ELLERSLIE FFF
0967 336507 2010-04-01	ELLERSLIE GGG
0967 336509 2007-12-01	ELLERSLIE III
0967 336511 2007-12-01	ELLERSLIE KKK
0967 336512 2010-04-01	ELLERSLIE LLL
0967 336514 2010-04-01	ELLERSLIE NNN
0967 336516 2008-03-01	ELLERSLIE PPP
0967 336517 2008-09-01	ELLERSLIE QQQ
0967 336518 2010-04-01	ELLERSLIE RRR
0967 336520 2008-11-01	ELLERSLIE TTT
0967 336521 2008-12-01	ELLERSLIE UUU
0967 336523 2010-04-01	ELLERSLIE WWW
0967 336524 2010-04-01	ELLERSLIE XXX
0967 336526 2009-03-01	ELLERSLIE ZZZ
0967 336527 2009-05-01	ELLERSLIE A2A
0967 336529 2009-06-01	ELLERSLIE C2C
0967 336530 2009-06-01	ELLERSLIE D2D
0967 336531 2009-09-01	ELLERSLIE E2E
0967 336532 2009-08-01	ELLERSLIE F2F

**POOL DESIGNATION (cont'd)**

0967 336533 2009-08-01	ELLERSLIE G2G
0967 336534 2009-09-01	ELLERSLIE H2H
0967 336535 2009-09-01	ELLERSLIE I2I
0967 336536 2009-09-01	ELLERSLIE J2J
0967 336537 2009-10-01	ELLERSLIE K2K
0967 336538 2011-05-01	ELLERSLIE L2L
0967 336539 2011-05-01	ELLERSLIE M2M
0967 336540 2010-04-01	ELLERSLIE N2N
0967 336541 2010-05-01	ELLERSLIE O2O
0967 336542 2010-12-01	ELLERSLIE P2P
0967 336543 2011-05-01	ELLERSLIE Q2Q
0967 432001 2011-09-01	ROCK CREEK A
0967 432002 2001-02-01	ROCK CREEK B
0967 432003 2001-02-01	ROCK CREEK C
0967 432005 2010-04-01	ROCK CREEK E
0967 432006 2007-10-01	ROCK CREEK F
0967 432007 2002-02-01	ROCK CREEK G
0967 432009 2011-04-01	ROCK CREEK I
0967 432010 2009-10-01	ROCK CREEK J
0967 432011 2010-04-01	ROCK CREEK K
0967 432012 2001-02-01	ROCK CREEK L
0967 432014 2001-06-01	ROCK CREEK N
0967 432016 2001-02-01	ROCK CREEK P
0967 432018 2010-04-01	ROCK CREEK R
0967 432021 2010-04-01	ROCK CREEK U
0967 432022 2001-02-01	ROCK CREEK V
0967 432023 2001-02-01	ROCK CREEK W
0967 432024 2010-04-01	ROCK CREEK X
0967 432025 2010-04-01	ROCK CREEK Y
0967 432026 2001-02-01	ROCK CREEK Z
0967 432027 2010-11-01	ROCK CREEK AA
0967 432028 2001-03-01	ROCK CREEK BB
0967 432029 2001-03-01	ROCK CREEK CC
0967 432030 2010-04-01	ROCK CREEK DD
0967 432031 2007-06-01	ROCK CREEK EE
0967 432032 2007-01-01	ROCK CREEK FF
0967 432033 2008-05-01	ROCK CREEK GG

**POOL DESIGNATION (cont'd)**

0967 432034 2010-04-01	ROCK CREEK HH
0967 432035 2001-12-01	ROCK CREEK II
0967 432038 2002-06-01	ROCK CREEK LL
0967 432039 2006-05-01	ROCK CREEK MM
0967 432040 2003-05-01	ROCK CREEK NN
0967 432042 2010-09-01	ROCK CREEK PP
0967 432043 2008-04-01	ROCK CREEK QQ
0967 432045 2010-08-01	ROCK CREEK SS
0967 432046 2009-01-01	ROCK CREEK TT
0967 432047 2007-08-01	ROCK CREEK UU
0967 432048 2004-05-01	ROCK CREEK VV
0967 432049 2010-04-01	ROCK CREEK WW
0967 432050 2004-09-01	ROCK CREEK XX
0967 432052 2005-02-01	ROCK CREEK ZZ
0967 432501 2005-07-01	ROCK CREEK AAA
0967 432504 2005-05-01	ROCK CREEK DDD
0967 432505 2005-05-01	ROCK CREEK EEE
0967 432506 2010-04-01	ROCK CREEK FFF
0967 432507 2005-07-01	ROCK CREEK GGG
0967 432508 2005-05-01	ROCK CREEK HHH
0967 432509 2009-10-01	ROCK CREEK III
0967 432510 2005-12-01	ROCK CREEK JJJ
0967 432511 2005-06-01	ROCK CREEK KKK
0967 432512 2005-06-01	ROCK CREEK LLL
0967 432513 2005-06-01	ROCK CREEK MMM
0967 432514 2005-06-01	ROCK CREEK NNN
0967 432515 2010-11-01	ROCK CREEK OOO
0967 432516 2006-01-01	ROCK CREEK PPP
0967 432517 2005-07-01	ROCK CREEK QQQ
0967 432518 2005-07-01	ROCK CREEK RRR
0967 432519 2005-08-01	ROCK CREEK SSS
0967 432520 2007-06-01	ROCK CREEK TTT
0967 432521 2005-08-01	ROCK CREEK UUU
0967 432523 2010-04-01	ROCK CREEK WWW
0967 432524 2005-08-01	ROCK CREEK XXX
0967 432525 2007-03-01	ROCK CREEK YYY
0967 432526 2006-12-01	ROCK CREEK ZZZ
0967 432527 2005-10-01	ROCK CREEK A2A

**POOL DESIGNATION (cont'd)**

0967 432530	2010-04-01	ROCK CREEK D2D
0967 432531	2010-04-01	ROCK CREEK E2E
0967 432532	2006-02-01	ROCK CREEK F2F
0967 432533	2006-01-01	ROCK CREEK G2G
0967 432535	2006-03-01	ROCK CREEK I2I
0967 432536	2008-10-01	ROCK CREEK J2J
0967 432537	2010-04-01	ROCK CREEK K2K
0967 432538	2006-04-01	ROCK CREEK L2L
0967 432539	2006-05-01	ROCK CREEK M2M
0967 432540	2006-06-01	ROCK CREEK N2N
0967 432541	2006-06-01	ROCK CREEK O2O
0967 432542	2010-04-01	ROCK CREEK P2P
0967 432543	2010-04-01	ROCK CREEK Q2Q
0967 432545	2007-02-01	ROCK CREEK S2S
0967 432546	2010-05-01	ROCK CREEK T2T
0967 432548	2011-04-01	ROCK CREEK V2V
0967 432549	2007-05-01	ROCK CREEK W2W
0967 432551	2010-04-01	ROCK CREEK Y2Y
0967 432601	2011-09-01	ROCK CREEK A3A
0967 432602	2007-02-01	ROCK CREEK B3B
0967 432604	2007-03-01	ROCK CREEK D3D
0967 432605	2010-04-01	ROCK CREEK E3E
0967 432607	2010-06-01	ROCK CREEK G3G
0967 432611	2007-08-01	ROCK CREEK K3K
0967 432612	2009-02-01	ROCK CREEK L3L
0967 432613	2008-03-01	ROCK CREEK M3M
0967 432614	2007-09-01	ROCK CREEK N3N
0967 432618	2010-04-01	ROCK CREEK R3R
0967 432619	2010-04-01	ROCK CREEK S3S
0967 432620	2011-10-01	ROCK CREEK T3T
0967 432621	2007-11-01	ROCK CREEK U3U
0967 432622	2007-12-01	ROCK CREEK V3V
0967 432625	2010-04-01	ROCK CREEK Y3Y
0967 432626	2010-04-01	ROCK CREEK Z3Z
0967 432629	2009-09-01	ROCK CREEK C4C
0967 432630	2009-07-01	ROCK CREEK D4D
0967 432632	2008-03-01	ROCK CREEK F4F
0967 432633	2008-05-01	ROCK CREEK G4G

**POOL DESIGNATION (cont'd)**

0967 432634 2008-05-01	ROCK CREEK H4H
0967 432636 2008-12-01	ROCK CREEK J4J
0967 432637 2008-10-01	ROCK CREEK K4K
0967 432639 2008-09-01	ROCK CREEK M4M
0967 432642 2010-04-01	ROCK CREEK P4P
0967 432643 2009-01-01	ROCK CREEK Q4Q
0967 432645 2009-01-01	ROCK CREEK S4S
0967 432647 2008-11-01	ROCK CREEK U4U
0967 432649 2010-04-01	ROCK CREEK W4W
0967 432651 2008-11-01	ROCK CREEK Y4Y
0967 432652 2008-12-01	ROCK CREEK Z4Z
0967 432702 2009-01-01	ROCK CREEK B5B
0967 432703 2010-09-01	ROCK CREEK C5C
0967 432705 2009-04-01	ROCK CREEK E5E
0967 432708 2009-10-01	ROCK CREEK H5H
0967 432709 2010-11-01	ROCK CREEK I5I
0967 432710 2009-02-01	ROCK CREEK J5J
0967 432713 2010-04-01	ROCK CREEK M5M
0967 432714 2010-04-01	ROCK CREEK N5N
0967 432715 2009-06-01	ROCK CREEK O5O
0967 432717 2009-07-01	ROCK CREEK Q5Q
0967 432718 2009-08-01	ROCK CREEK R5R
0967 432720 2009-08-01	ROCK CREEK T5T
0967 432721 2009-08-01	ROCK CREEK U5U
0967 432722 2010-05-01	ROCK CREEK V5V
0967 432724 2010-08-01	ROCK CREEK X5X
0967 432726 2009-12-01	ROCK CREEK Z5Z
0967 432727 2010-01-01	ROCK CREEK A6A
0967 432729 2010-01-01	ROCK CREEK C6C
0967 432731 2010-10-01	ROCK CREEK E6E
0967 432732 2010-11-01	ROCK CREEK F6F
0967 432733 2010-05-01	ROCK CREEK G6G
0967 432734 2010-05-01	ROCK CREEK H6H
0967 432735 2010-06-01	ROCK CREEK I6I
0967 432737 2010-12-01	ROCK CREEK K6K
0967 432739 2011-06-01	ROCK CREEK M6M
0967 432740 2011-10-01	ROCK CREEK N6N
0967 432741 2011-12-01	ROCK CREEK O6O

**POOL DESIGNATION (cont'd)**

0967 432742 2012-01-01	ROCK CREEK P6P
0967 444001 2009-10-01	NORDEGG A
0967 444002 2001-02-01	NORDEGG B
0967 444003 2009-09-01	NORDEGG C
0967 444004 2002-07-01	NORDEGG D
0967 444006 2010-02-01	NORDEGG F
0967 444007 2004-01-01	NORDEGG G
0967 444009 2004-11-01	NORDEGG I
0967 444010 2008-09-01	NORDEGG J
0967 444011 2010-04-01	NORDEGG K
0967 444014 2009-09-01	NORDEGG N
0967 444015 2007-06-01	NORDEGG O
0967 444016 2010-04-01	NORDEGG P
0967 444017 2010-04-01	NORDEGG Q
0967 444018 2007-11-01	NORDEGG R
0967 444019 2007-11-01	NORDEGG S
0967 444020 2008-11-01	NORDEGG T
0967 444021 2010-04-01	NORDEGG U
0967 444022 2010-04-01	NORDEGG V
0967 444023 2010-03-01	NORDEGG W
0967 444024 2011-08-01	NORDEGG X
0967 640001 2010-04-01	SHUNDA A
0967 640002 2001-02-01	SHUNDA B
0967 642001 2010-04-01	PEKISKO A
0967 642002 2010-04-01	PEKISKO B
0967 642003 2002-05-01	PEKISKO C
0967 642004 2004-11-01	PEKISKO D
0967 644001 2010-04-01	BANFF A
0967 644004 2001-08-01	BANFF D
0967 644005 2001-08-01	BANFF E
0967 696001 2001-11-01	NISKU A
0967 859900 2011-09-01	MFP8599 UPPER MANN

**SPACING PATTERN**

SU 4230 4 Nov 2004  
 SU 4230A 13 Dec 2004  
 SU 4230B 11 Feb 2005  
 SU 4230C 3 Mar 2005  
 SU 4230D 16 Apr 2005  
 SU 4230E 2 May 2005  
 SU 4230F 5 Aug 2005  
 SU 4230G 25 Aug 2005  
 SU 4230H 26 Oct 2005  
 SU 4230I 12 Jan 2006  
 SU 4230J 8 Feb 2006  
 SU 4230K 24 Mar 2006  
 SU 4230L 4 Apr 2006  
 SU 4230M 18 Apr 2006  
 SU 4230N 30 Jan 2007  
 SU 4230O 30 Mar 2007  
 SU 4230P 24 Sep 2007  
 SU 4230Q 19 Oct 2007

**MISCELLANEOUS ORDERS**

MISC 8803 4 Feb 1988  
 Concurrent production  
 Viking H

**COMMINGLED PRODUCTION**

MU 8287 16 Jan 2012

**ENHANCED RECOVERY SCHEMES**

App 547E 24 Mar 2011  
 Waterflood  
 Cardium A  
 Penn West Petroleum Ltd.

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

App 677H 2 Feb 2011  
 Waterflood  
 Cardium A  
 Penn West Petroleum Ltd.

App 738B 1 Feb 2011  
 Waterflood  
 Cardium A  
 Penn West Petroleum Ltd.

App 918F 17 Feb 2011  
 Waterflood  
 Cardium A  
 Penn West Petroleum Ltd.

App 950F 22 Jun 2011  
 Waterflood  
 Cardium A  
 Harvest Operations Corp.

App 1004B 17 Jun 2011  
 Class II  
 Cardium A  
 Penn West Petroleum Ltd.

App 1067 13 Sep 1968  
 App 1067A 15 Jan 1969  
 App 1067B 5 Dec 1972  
 Waterflood  
 Glauconitic A  
 Murphy Oil Company Ltd.

App 2709E 28 Apr 2011  
 Waterflood  
 Cardium A  
 Bonavista Energy Corporation

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

App 6506E 21 Feb 2008  
Waterflood  
Cardium A  
Penn West Petroleum Ltd.

App 7065F 25 Oct 2009  
Waterflood  
Cardium A  
Penn West Petroleum Ltd.

App 7835C 28 Apr 2011  
Waterflood  
Cardium A  
Bonavista Energy Corporation

App 7836C 2 May 2011  
Waterflood  
Cardium A  
Bonavista Energy Corporation

App 9951C 12 Oct 2010  
Waterflood  
Cardium U  
Taqa North Ltd.

App 10172C 25 Oct 2009  
Waterflood  
Cardium A  
Penn West Petroleum Ltd.

App 10809A 15 Feb 2008  
Waterflood  
Cardium A  
Penn West Petroleum Ltd.

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

App 10979A 28 Apr 2011  
Waterflood  
Cardium A  
Bonavista Energy Corporation

App 10981A 28 Apr 2011  
Waterflood  
Cardium A  
Bonavista Energy Corporation

App 10983B 28 Apr 2011  
Waterflood  
Basal Belly River A  
Bonavista Energy Corporation

App 1160 6 Jul 2011  
Waterflood  
Commingled Pool 7  
Penn West Petroleum Ltd.

**CONCURRENT PRODUCTION**

App 4159 5 Apr 1984  
App 4159A 14 Nov 2000  
Belly River H  
Penn West Petroleum Ltd.

App 4739 30 Dec 1985  
Viking A  
Sienna Resources Limited

**COMPULSORY POOLING**

P 147 26 Dec 1996  
Gas production/section 34-41-5 W5M  
Tarragon Oil & Gas Ltd.

**COMPULSORY POOLING (cont'd)**

P 397            10 Jun 2009  
Sec 24-40-05W5  
Gas production from the Edmonton sands  
Poplar Point Energy Inc.

P 398            3 Jul 2009  
Sec 25-040-05W5  
Gas production from the Edmonton sands  
Poplar Point Energy Inc.

**FIELD DESIGNATION**

0969 2011-04-01 WILLINGDON FIELD

**POOL DESIGNATION**

0969 218002 2001-02-01	VIKING B
0969 218004 2001-02-01	VIKING D
0969 218005 2001-02-01	VIKING E
0969 218007 2004-08-01	VIKING G
0969 218008 2001-02-01	VIKING H
0969 218009 2001-02-01	VIKING I
0969 218010 2001-02-01	VIKING J
0969 218011 2001-02-01	VIKING K
0969 218012 2001-02-01	VIKING L
0969 218013 2010-04-01	VIKING M
0969 218014 2010-06-01	VIKING N
0969 218015 2010-06-01	VIKING O
0969 218016 2011-04-01	VIKING P
0969 248002 2010-04-01	MANNVILLE B
0969 248003 2001-02-01	MANNVILLE C
0969 248004 2001-02-01	MANNVILLE D
0969 248005 2010-04-01	MANNVILLE E
0969 248007 2001-02-01	MANNVILLE G
0969 248008 2001-02-01	MANNVILLE H
0969 248009 2001-02-01	MANNVILLE I
0969 248010 2001-02-01	MANNVILLE J
0969 248012 2001-02-01	MANNVILLE L
0969 248013 2001-02-01	MANNVILLE M
0969 248016 2001-02-01	MANNVILLE P
0969 248020 2001-02-01	MANNVILLE T
0969 248021 2001-02-01	MANNVILLE U
0969 248022 2001-02-01	MANNVILLE V
0969 248023 2001-02-01	MANNVILLE W
0969 248026 2001-02-01	MANNVILLE Z
0969 248027 2001-02-01	MANNVILLE AA
0969 248028 2001-02-01	MANNVILLE BB

**POOL DESIGNATION (cont'd)**

0969 248029 2001-02-01	MANNVILLE CC
0969 248032 2001-02-01	MANNVILLE FF
0969 248033 2001-02-01	MANNVILLE GG
0969 248034 2001-02-01	MANNVILLE HH
0969 248035 2001-02-01	MANNVILLE II
0969 248036 2010-04-01	MANNVILLE JJ
0969 248037 2001-02-01	MANNVILLE KK
0969 248038 2001-02-01	MANNVILLE LL
0969 248039 2001-02-01	MANNVILLE MM
0969 248040 2010-04-01	MANNVILLE NN
0969 248042 2001-02-01	MANNVILLE PP
0969 248043 2001-02-01	MANNVILLE QQ
0969 248044 2010-05-01	MANNVILLE RR
0969 248045 2001-02-01	MANNVILLE SS
0969 248046 2010-04-01	MANNVILLE TT
0969 248047 2010-12-01	MANNVILLE UU
0969 248048 2001-02-01	MANNVILLE VV
0969 248049 2001-02-01	MANNVILLE WW
0969 248050 2001-02-01	MANNVILLE XX
0969 248051 2006-08-01	MANNVILLE YY
0969 248052 2001-02-01	MANNVILLE ZZ
0969 248101 2001-02-01	MANNVILLE AAA
0969 248103 2001-02-01	MANNVILLE CCC
0969 248104 2001-02-01	MANNVILLE DDD
0969 248106 2001-02-01	MANNVILLE FFF
0969 248107 2001-02-01	MANNVILLE GGG
0969 248108 2003-05-01	MANNVILLE HHH
0969 248109 2001-02-01	MANNVILLE III
0969 248110 2001-02-01	MANNVILLE JJJ
0969 248111 2001-02-01	MANNVILLE KKK
0969 248112 2001-02-01	MANNVILLE LLL
0969 248113 2005-11-01	MANNVILLE MMM
0969 248114 2001-02-01	MANNVILLE NNN
0969 248115 2001-02-01	MANNVILLE OOO
0969 248116 2001-02-01	MANNVILLE PPP
0969 248117 2006-12-01	MANNVILLE QQQ
0969 248118 2010-04-01	MANNVILLE RRR
0969 248119 2001-02-01	MANNVILLE SSS

**POOL DESIGNATION (cont'd)**

0969 248120 2001-02-01	MANNVILLE TTT
0969 248121 2001-02-01	MANNVILLE UUU
0969 248122 2001-02-01	MANNVILLE VVV
0969 248123 2001-02-01	MANNVILLE WWW
0969 248124 2001-02-01	MANNVILLE XXX
0969 248125 2001-02-01	MANNVILLE YYY
0969 248126 2001-02-01	MANNVILLE ZZZ
0969 248127 2006-08-01	MANNVILLE A2A
0969 248128 2001-02-01	MANNVILLE B2B
0969 248129 2001-02-01	MANNVILLE C2C
0969 248130 2001-02-01	MANNVILLE D2D
0969 248131 2001-02-01	MANNVILLE E2E
0969 248135 2001-02-01	MANNVILLE I2I
0969 248136 2001-02-01	MANNVILLE J2J
0969 248137 2010-04-01	MANNVILLE K2K
0969 248138 2010-04-01	MANNVILLE L2L
0969 248139 2001-02-01	MANNVILLE M2M
0969 248140 2010-04-01	MANNVILLE N2N
0969 248141 2001-03-01	MANNVILLE O2O
0969 248142 2001-03-01	MANNVILLE P2P
0969 248143 2001-03-01	MANNVILLE Q2Q
0969 248144 2001-03-01	MANNVILLE R2R
0969 248145 2001-03-01	MANNVILLE S2S
0969 248146 2005-09-01	MANNVILLE T2T
0969 248147 2001-09-01	MANNVILLE U2U
0969 248148 2001-11-01	MANNVILLE V2V
0969 248149 2010-04-01	MANNVILLE W2W
0969 248150 2004-08-01	MANNVILLE X2X
0969 248151 2003-03-01	MANNVILLE Y2Y
0969 248152 2003-11-01	MANNVILLE Z2Z
0969 248201 2003-12-01	MANNVILLE A3A
0969 248202 2005-02-01	MANNVILLE B3B
0969 248203 2005-02-01	MANNVILLE C3C
0969 248204 2005-10-01	MANNVILLE D3D
0969 248205 2005-08-01	MANNVILLE E3E
0969 248206 2005-08-01	MANNVILLE F3F
0969 248207 2005-09-01	MANNVILLE G3G
0969 248208 2005-09-01	MANNVILLE H3H

**POOL DESIGNATION (cont'd)**

0969 248209 2011-08-01	MANNVILLE I3I
0969 248210 2005-09-01	MANNVILLE J3J
0969 248211 2011-02-01	MANNVILLE K3K
0969 248212 2010-04-01	MANNVILLE L3L
0969 248213 2005-10-01	MANNVILLE M3M
0969 248214 2010-04-01	MANNVILLE N3N
0969 248215 2010-04-01	MANNVILLE O3O
0969 248216 2006-01-01	MANNVILLE P3P
0969 248217 2006-02-01	MANNVILLE Q3Q
0969 248218 2006-03-01	MANNVILLE R3R
0969 248219 2006-04-01	MANNVILLE S3S
0969 248220 2006-04-01	MANNVILLE T3T
0969 248221 2010-04-01	MANNVILLE U3U
0969 248222 2010-04-01	MANNVILLE V3V
0969 248223 2010-04-01	MANNVILLE W3W
0969 248224 2006-06-01	MANNVILLE X3X
0969 248225 2006-07-01	MANNVILLE Y3Y
0969 248226 2006-07-01	MANNVILLE Z3Z
0969 248227 2010-04-01	MANNVILLE A4A
0969 248228 2006-08-01	MANNVILLE B4B
0969 248229 2006-08-01	MANNVILLE C4C
0969 248230 2006-08-01	MANNVILLE D4D
0969 248231 2006-09-01	MANNVILLE E4E
0969 248232 2010-04-01	MANNVILLE F4F
0969 248233 2007-01-01	MANNVILLE G4G
0969 248234 2007-01-01	MANNVILLE H4H
0969 248235 2007-01-01	MANNVILLE I4I
0969 248236 2007-01-01	MANNVILLE J4J
0969 248237 2007-02-01	MANNVILLE K4K
0969 248238 2011-06-01	MANNVILLE L4L
0969 248239 2010-04-01	MANNVILLE M4M
0969 248240 2010-04-01	MANNVILLE N4N
0969 248241 2007-11-01	MANNVILLE O4O
0969 248242 2007-12-01	MANNVILLE P4P
0969 248243 2007-12-01	MANNVILLE Q4Q
0969 248244 2008-01-01	MANNVILLE R4R
0969 248245 2008-01-01	MANNVILLE S4S
0969 248246 2012-01-01	MANNVILLE T4T

**POOL DESIGNATION (cont'd)**

0969 248247 2007-12-01	MANNVILLE U4U
0969 248248 2007-12-01	MANNVILLE V4V
0969 248249 2010-04-01	MANNVILLE W4W
0969 248250 2010-04-01	MANNVILLE X4X
0969 248251 2007-12-01	MANNVILLE Y4Y
0969 248252 2007-12-01	MANNVILLE Z4Z
0969 248301 2007-12-01	MANNVILLE A5A
0969 248302 2007-12-01	MANNVILLE B5B
0969 248303 2007-12-01	MANNVILLE C5C
0969 248304 2007-12-01	MANNVILLE D5D
0969 248305 2007-12-01	MANNVILLE E5E
0969 248306 2007-12-01	MANNVILLE F5F
0969 248307 2007-12-01	MANNVILLE G5G
0969 248308 2007-12-01	MANNVILLE H5H
0969 248309 2007-12-01	MANNVILLE I5I
0969 248310 2007-12-01	MANNVILLE J5J
0969 248311 2007-12-01	MANNVILLE K5K
0969 248312 2007-12-01	MANNVILLE L5L
0969 248313 2008-01-01	MANNVILLE M5M
0969 248314 2008-10-01	MANNVILLE N5N
0969 248315 2008-10-01	MANNVILLE O5O
0969 248316 2008-05-01	MANNVILLE P5P
0969 248317 2008-07-01	MANNVILLE Q5Q
0969 248318 2008-07-01	MANNVILLE R5R
0969 248319 2010-04-01	MANNVILLE S5S
0969 248320 2010-04-01	MANNVILLE T5T
0969 248321 2009-02-01	MANNVILLE U5U
0969 248322 2009-10-01	MANNVILLE V5V
0969 248323 2012-01-01	MANNVILLE W5W
0969 248324 2010-04-01	MANNVILLE X5X
0969 248325 2010-04-01	MANNVILLE Y5Y
0969 248326 2010-04-01	MANNVILLE Z5Z
0969 248327 2009-10-01	MANNVILLE A6A
0969 248328 2009-10-01	MANNVILLE B6B
0969 248329 2010-04-01	MANNVILLE C6C
0969 248330 2011-08-01	MANNVILLE D6D
0969 248331 2010-12-01	MANNVILLE E6E
0969 248332 2011-02-01	MANNVILLE F6F

**POOL DESIGNATION (cont'd)**

0969 248333	2011-02-01	MANNVILLE G6G
0969 248334	2011-04-01	MANNVILLE H6H
0969 248335	2011-06-01	MANNVILLE I6I
0969 248336	2011-07-01	MANNVILLE J6J
0969 248337	2011-07-01	MANNVILLE K6K
0969 248338	2012-02-01	MANNVILLE L6L
0969 696001	2001-02-01	D-2 A
0969 696002	2001-02-01	D-2 B
0969 708001	2001-02-01	CAMROSE A
0969 708002	2005-09-01	CAMROSE B
0969 708003	2008-02-01	CAMROSE C
0969 720001	2010-04-01	D-3 A
0969 720002	2001-02-01	D-3 B
0969 850800	2010-04-01	MFP8508 VIKING

**SPACING PATTERN**

SU 2748      9 May 1996

**COMMINGLED PRODUCTION**

MU 7941      16 Jun 2011

**COMMON  
CARRIER/PURCHASER/PROCESSOR**

MISC 8302    2 Mar 1983  
Westmin Resources Ltd.  
Common carrier of gas produced from  
Willingdon & Hairy Hill Fields  
Lower Mannville GG

**SUBSURFACE DISPOSAL SCHEMES**

App 3227      27 Jan 1981  
App 3227A    9 Jun 1994  
Class II  
Norcen Energy Resources Limited  
  
App 8785      30 May 2001  
Class II  
Norranco Oil & Gas Ltd.

**FIELD DESIGNATION**

0973 2011-12-01 WILSON CREEK FIELD

**POOL DESIGNATION**

0973 064001 2001-02-01 PASKAPOO A  
0973 064002 2008-04-01 PASKAPOO B

0973 106011 2010-05-01 EDMONTON K  
0973 106018 2010-06-01 EDMONTON R  
0973 106038 2011-10-01 EDMONTON LL  
0973 106039 2011-03-01 EDMONTON MM  
0973 106040 2011-04-01 EDMONTON NN

0973 118804 2010-07-01 LOWER EDMONTON D  
0973 118820 2008-09-01 LOWER EDMONTON T  
0973 118833 2011-04-01 LOWER EDMONTON GG

0973 126004 2010-09-01 BELLY RIVER D  
0973 126007 2001-02-01 BELLY RIVER G  
0973 126008 2010-04-01 BELLY RIVER H  
0973 126009 2010-04-01 BELLY RIVER I  
0973 126011 2001-02-01 BELLY RIVER K  
0973 126013 2011-12-01 BELLY RIVER M  
0973 126015 2001-02-01 BELLY RIVER O  
0973 126020 2001-09-01 BELLY RIVER T  
0973 126021 2002-05-01 BELLY RIVER U  
0973 126023 2005-05-01 BELLY RIVER W  
0973 126025 2004-11-01 BELLY RIVER Y  
0973 126030 2005-06-01 BELLY RIVER DD  
0973 126033 2006-02-01 BELLY RIVER GG  
0973 126034 2006-09-01 BELLY RIVER HH  
0973 126035 2008-04-01 BELLY RIVER II  
0973 126038 2007-03-01 BELLY RIVER LL  
0973 126039 2007-04-01 BELLY RIVER MM  
0973 126040 2007-06-01 BELLY RIVER NN  
0973 126042 2007-05-01 BELLY RIVER PP

**POOL DESIGNATION (cont'd)**

0973 126043 2008-04-01	BELLY RIVER QQ
0973 126044 2007-12-01	BELLY RIVER RR
0973 126045 2007-12-01	BELLY RIVER SS
0973 126046 2008-02-01	BELLY RIVER TT
0973 126047 2008-05-01	BELLY RIVER UU
0973 126048 2008-05-01	BELLY RIVER VV
0973 126049 2008-05-01	BELLY RIVER WW
0973 126050 2009-02-01	BELLY RIVER XX
0973 126051 2010-04-01	BELLY RIVER YY
0973 126052 2010-04-01	BELLY RIVER ZZ
0973 126301 2010-04-01	BELLY RIVER AAA
0973 126302 2010-02-01	BELLY RIVER BBB
0973 126304 2010-08-01	BELLY RIVER DDD
0973 126305 2010-08-01	BELLY RIVER EEE
0973 126306 2011-12-01	BELLY RIVER FFF
0973 126307 2011-12-01	BELLY RIVER GGG
0973 126308 2011-12-01	BELLY RIVER HHH
0973 126309 2011-12-01	BELLY RIVER III
0973 134003 2011-03-01	BASAL BELLY RIVER C
0973 134004 2005-04-01	BASAL BELLY RIVER D
0973 134007 2005-07-01	BASAL BELLY RIVER G
0973 134008 2010-04-01	BASAL BELLY RIVER H
0973 134009 2005-07-01	BASAL BELLY RIVER I
0973 134010 2005-07-01	BASAL BELLY RIVER J
0973 134011 2006-02-01	BASAL BELLY RIVER K
0973 134012 2006-02-01	BASAL BELLY RIVER L
0973 134013 2010-07-01	BASAL BELLY RIVER M
0973 134014 2007-03-01	BASAL BELLY RIVER N
0973 176001 2011-02-01	CARDIUM A
0973 176002 2011-11-01	CARDIUM B
0973 176003 2001-02-01	CARDIUM C
0973 176004 2003-07-01	CARDIUM D
0973 176005 2005-04-01	CARDIUM E
0973 176008 2011-03-01	CARDIUM H
0973 186001 2001-02-01	SECOND WHITE SPECKS A

**POOL DESIGNATION (cont'd)**

0973 186002 2001-02-01	SECOND WHITE SPECKS B
0973 186003 2001-02-01	SECOND WHITE SPECKS C
0973 218001 2010-04-01	VIKING A
0973 218002 2010-04-01	VIKING B
0973 218003 2009-08-01	VIKING C
0973 250001 2001-02-01	UPPER MANNVILLE A
0973 250002 2007-06-01	UPPER MANNVILLE B
0973 250003 2010-04-01	UPPER MANNVILLE C
0973 250004 2005-05-01	UPPER MANNVILLE D
0973 250005 2005-09-01	UPPER MANNVILLE E
0973 250006 2010-04-01	UPPER MANNVILLE F
0973 250007 2007-03-01	UPPER MANNVILLE G
0973 250008 2009-10-01	UPPER MANNVILLE H
0973 250009 2010-04-01	UPPER MANNVILLE I
0973 250010 2010-08-01	UPPER MANNVILLE J
0973 300001 2011-11-01	GLAUCONITIC A
0973 300002 2010-04-01	GLAUCONITIC B
0973 300005 2001-02-01	GLAUCONITIC E
0973 300007 2010-04-01	GLAUCONITIC G
0973 300009 2010-04-01	GLAUCONITIC I
0973 300010 2001-03-01	GLAUCONITIC J
0973 300011 2002-09-01	GLAUCONITIC K
0973 300012 2004-08-01	GLAUCONITIC L
0973 300013 2005-02-01	GLAUCONITIC M
0973 300014 2009-08-01	GLAUCONITIC N
0973 300015 2009-09-01	GLAUCONITIC O
0973 300016 2005-11-01	GLAUCONITIC P
0973 300017 2006-02-01	GLAUCONITIC Q
0973 300018 2006-04-01	GLAUCONITIC R
0973 300019 2006-04-01	GLAUCONITIC S
0973 300020 2008-05-01	GLAUCONITIC T
0973 300021 2009-01-01	GLAUCONITIC U
0973 300022 2009-06-01	GLAUCONITIC V
0973 300023 2009-08-01	GLAUCONITIC W
0973 300024 2010-04-01	GLAUCONITIC X

**POOL DESIGNATION (cont'd)**

0973 300025 2010-04-01	GLAUCONITIC Y
0973 300026 2011-09-01	GLAUCONITIC Z
0973 300027 2011-09-01	GLAUCONITIC AA
0973 300028 2011-11-01	GLAUCONITIC BB
0973 310001 2001-02-01	LOWER MANNVILLE A
0973 310002 2001-02-01	LOWER MANNVILLE B
0973 310005 2001-02-01	LOWER MANNVILLE E
0973 310006 2010-04-01	LOWER MANNVILLE F
0973 310008 2010-04-01	LOWER MANNVILLE H
0973 310009 2010-04-01	LOWER MANNVILLE I
0973 310010 2010-04-01	LOWER MANNVILLE J
0973 310011 2001-09-01	LOWER MANNVILLE K
0973 310012 2002-09-01	LOWER MANNVILLE L
0973 310013 2003-09-01	LOWER MANNVILLE M
0973 310014 2010-04-01	LOWER MANNVILLE N
0973 310016 2004-09-01	LOWER MANNVILLE P
0973 310017 2004-08-01	LOWER MANNVILLE Q
0973 310018 2005-02-01	LOWER MANNVILLE R
0973 310019 2010-04-01	LOWER MANNVILLE S
0973 310020 2005-06-01	LOWER MANNVILLE T
0973 310021 2005-11-01	LOWER MANNVILLE U
0973 310022 2006-02-01	LOWER MANNVILLE V
0973 310023 2010-04-01	LOWER MANNVILLE W
0973 310024 2010-04-01	LOWER MANNVILLE X
0973 310025 2010-04-01	LOWER MANNVILLE Y
0973 310026 2007-10-01	LOWER MANNVILLE Z
0973 310027 2010-04-01	LOWER MANNVILLE AA
0973 310028 2008-05-01	LOWER MANNVILLE BB
0973 310029 2009-02-01	LOWER MANNVILLE CC
0973 310030 2009-02-01	LOWER MANNVILLE DD
0973 310031 2010-04-01	LOWER MANNVILLE EE
0973 310032 2010-04-01	LOWER MANNVILLE FF
0973 310033 2009-06-01	LOWER MANNVILLE GG
0973 310034 2009-11-01	LOWER MANNVILLE HH
0973 310035 2010-04-01	LOWER MANNVILLE II
0973 310036 2010-04-01	LOWER MANNVILLE JJ
0973 310037 2009-11-01	LOWER MANNVILLE KK

**POOL DESIGNATION (cont'd)**

0973 310038 2010-01-01	LOWER MANNVILLE LL
0973 316001 2001-02-01	OSTRACOD A
0973 316002 2009-02-01	OSTRACOD B
0973 316003 2010-04-01	OSTRACOD C
0973 316004 2005-09-01	OSTRACOD D
0973 316005 2008-10-01	OSTRACOD E
0973 316006 2006-02-01	OSTRACOD F
0973 316007 2006-02-01	OSTRACOD G
0973 316008 2006-11-01	OSTRACOD H
0973 316009 2007-10-01	OSTRACOD I
0973 316010 2009-08-01	OSTRACOD J
0973 336201 2009-11-01	ELLERSLIE-ROCK CK A
0973 336202 2010-04-01	ELLERSLIE-ROCK CK B
0973 336203 2010-04-01	ELLERSLIE-ROCK CK C
0973 336204 2010-04-01	ELLERSLIE-ROCK CK D
0973 432001 2001-02-01	ROCK CREEK A
0973 432002 2001-02-01	ROCK CREEK B
0973 432003 2006-03-01	ROCK CREEK C
0973 432004 2011-08-01	ROCK CREEK D
0973 432007 2004-01-01	ROCK CREEK G
0973 432008 2009-10-01	ROCK CREEK H
0973 432009 2003-10-01	ROCK CREEK I
0973 432010 2004-12-01	ROCK CREEK J
0973 432011 2010-04-01	ROCK CREEK K
0973 432012 2011-12-01	ROCK CREEK L
0973 432013 2007-06-01	ROCK CREEK M
0973 432014 2010-12-01	ROCK CREEK N
0973 432015 2005-09-01	ROCK CREEK O
0973 432017 2005-06-01	ROCK CREEK Q
0973 432019 2010-04-01	ROCK CREEK S
0973 432021 2006-06-01	ROCK CREEK U
0973 432023 2009-01-01	ROCK CREEK W
0973 432024 2010-04-01	ROCK CREEK X
0973 432025 2009-10-01	ROCK CREEK Y
0973 432026 2010-01-01	ROCK CREEK Z

**POOL DESIGNATION (cont'd)**

0973 432027 2010-04-01	ROCK CREEK AA
0973 432028 2010-04-01	ROCK CREEK BB
0973 444001 2001-02-01	NORDEGG A
0973 444002 2010-04-01	NORDEGG B
0973 444003 2001-02-01	NORDEGG C
0973 444004 2003-09-01	NORDEGG D
0973 444005 2004-05-01	NORDEGG E
0973 444007 2004-09-01	NORDEGG G
0973 444008 2011-04-01	NORDEGG H
0973 444009 2010-03-01	NORDEGG I
0973 446001 2009-09-01	JURASSIC A
0973 446002 2009-09-01	JURASSIC B
0973 446003 2010-03-01	JURASSIC C
0973 446004 2010-03-01	JURASSIC D
0973 642001 2011-01-01	PEKISKO A
0973 642002 2010-04-01	PEKISKO B
0973 642004 2010-04-01	PEKISKO D
0973 642006 2001-03-01	PEKISKO F
0973 642007 2001-04-01	PEKISKO G
0973 642008 2005-05-01	PEKISKO H
0973 642009 2004-06-01	PEKISKO I
0973 642010 2011-12-01	PEKISKO J
0973 644001 2001-02-01	BANFF A
0973 644002 2001-02-01	BANFF B
0973 644003 2001-09-01	BANFF C
0973 644004 2001-02-01	BANFF D
0973 644005 2001-02-01	BANFF E
0973 644006 2001-02-01	BANFF F
0973 644008 2011-04-01	BANFF H
0973 856400 2011-08-01	MFP8564 EDMONTON
0973 856500 2011-08-01	MFP8565 LWR EDMONTON

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**SPACING PATTERN**

SU 4357      25 Apr 2007  
SU 4357A     1 Oct 2007

**COMMINGLED PRODUCTION**

MU 8268      12 Dec 2011

**CONCURRENT PRODUCTION**

MISC 9401    13 Sep 1990  
Belly River A

**FIELD DESIGNATION**

0976 2011-01-01 WIMBORNE FIELD

**POOL DESIGNATION**

0976 106001 2006-04-01 EDMONTON A  
0976 106003 2010-04-01 EDMONTON C

0976 118802 2010-04-01 LOWER EDMONTON B  
0976 118804 2008-01-01 LOWER EDMONTON D  
0976 118806 2010-04-01 LOWER EDMONTON F  
0976 118808 2009-11-01 LOWER EDMONTON H  
0976 118809 2009-11-01 LOWER EDMONTON I  
0976 118810 2009-11-01 LOWER EDMONTON J  
0976 118811 2011-03-01 LOWER EDMONTON K  
0976 118812 2011-12-01 LOWER EDMONTON L  
0976 118813 2011-12-01 LOWER EDMONTON M

0976 218001 2006-02-01 VIKING A  
0976 218002 2001-02-01 VIKING B  
0976 218003 2001-02-01 VIKING C  
0976 218004 2007-03-01 VIKING D  
0976 218005 2001-11-01 VIKING E

0976 250001 2010-02-01 UPPER MANNVILLE A

0976 300002 2001-02-01 GLAUCONITIC B  
0976 300003 2001-02-01 GLAUCONITIC C  
0976 300004 2003-09-01 GLAUCONITIC D  
0976 300005 2005-06-01 GLAUCONITIC E  
0976 300006 2010-04-01 GLAUCONITIC F  
0976 300007 2006-12-01 GLAUCONITIC G  
0976 300008 2007-10-01 GLAUCONITIC H  
0976 300009 2007-10-01 GLAUCONITIC I  
0976 300010 2008-08-01 GLAUCONITIC J

0976 336001 2001-02-01 ELLERSLIE A

**POOL DESIGNATION (cont'd)**

0976 336002 2001-02-01	ELLERSLIE B
0976 336003 2010-04-01	ELLERSLIE C
0976 642001 2001-02-01	PEKISKO A
0976 642002 2001-02-01	PEKISKO B
0976 642003 2001-02-01	PEKISKO C
0976 642004 2001-02-01	PEKISKO D
0976 642005 2004-08-01	PEKISKO E
0976 642006 2005-10-01	PEKISKO F
0976 642007 2008-11-01	PEKISKO G
0976 642008 2010-03-01	PEKISKO H
0976 658001 2001-06-01	D-1 A
0976 658002 2001-10-01	D-1 B
0976 658003 2007-10-01	D-1 C
0976 658004 2010-04-01	D-1 D
0976 696001 2010-04-01	D-2 A
0976 696002 2011-09-01	D-2 B
0976 696006 2001-07-01	D-2 F
0976 696007 2008-10-01	D-2 G
0976 720001 2011-09-01	D-3 A
0976 850600 2011-01-01	MFP8506 BELLY RIVER
0976 855900 2009-10-01	MFP8559 LWR EDMONTON
0976 856000 2011-01-01	MFP8560 BSL BELLY RIV
0976 960500 2011-07-01	MFP9605 CBM LARD
0976 960600 2011-05-01	MFP9606 CBM CARB
0976 960700 2011-04-01	MFP9607 CBM UHSC
0976 960800 2011-07-01	MFP9608 CBM WAYN

**POOL DESIGNATION (cont'd)**

0976 960900 2011-04-01 MFP9609 CBM RS  
0976 961000 2011-04-01 MFP9610 CBM DBSL  
0976 961300 2011-07-01 MFP9613 CBM RBSL  
0976 961400 2011-07-01 MFP9614 CBM LETH  
0976 961500 2011-07-01 MFP9615 CBM TABR  
0976 961600 2011-09-01 MFP9616 CBM MCKY

**SPACING PATTERN**

SU 4283 9 Apr 2005  
SU 4283A 11 Jun 2005  
SU 4283B 28 Jun 2005  
SU 4283C 14 Jul 2005  
SU 4283D 6 Oct 2005  
SU 4283E 5 Dec 2005  
SU 4283F 14 Jan 2006  
SU 4283G 20 Dec 2006

**COMMINGLED PRODUCTION**

MU 8176 26 Oct 2011

**COMMON  
CARRIER/PURCHASER/PROCESSOR**

MISC 95086 20 Jul 1995  
Common Carrier  
Czar Resources Ltd.

MISC 95087 20 Jul 1995  
Common Processor  
Czar Resources Ltd.

**GAS ALLOWABLE**

GA 337 3 Apr 1995

**SUBSURFACE DISPOSAL SCHEMES**

App 6871C 20 May 2009  
Class II  
Penn West Petroleum Ltd.

App 7549B 20 May 2009  
Class Ib  
Penn West Petroleum Ltd.

**COMPULSORY POOLING**

P 378 5 Jan 2009  
Sec 07-035-26W4  
Gas from all zones to the base of the Belly  
River  
Apache Canada Ltd.

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**FIELD DESIGNATION**

0986 2001-02-01            WINAGAMI FIELD

**POOL DESIGNATION**

0986 304001 2010-04-01    BLUESKY A

0986 326001 2001-03-01    GETHING A

0986 326002 2002-07-01    GETHING B

0986 326003 2002-07-01    GETHING C

0986 556001 2008-04-01    BELLOY A

0986 797501 2008-12-01    GRANITE WASH A

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**WINCHELL COULEE FIELD**  
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**FIELD DESIGNATION**

0978 2001-02-01                      WINCHELL COULEE FIELD

**POOL DESIGNATION**

0978 176001 2001-02-01      CARDIUM A  
0978 176002 2001-02-01      CARDIUM B  
0978 176003 2001-02-01      CARDIUM C  
0978 176004 2001-02-01      CARDIUM D  
0978 176005 2002-02-01      CARDIUM E

0978 218001 2005-06-01      VIKING A  
0978 218002 2005-06-01      VIKING B

0978 300001 2001-02-01      GLAUCONITIC A

**SPACING PATTERN**

SU 4050              24 Jan 2003

**FIELD DESIGNATION**

0979 2010-04-01 WINDFALL FIELD

**POOL DESIGNATION**

0979 106001 2002-01-01 EDMONTON A  
0979 106002 2004-12-01 EDMONTON B  
0979 106003 2010-04-01 EDMONTON C  
0979 106004 2006-04-01 EDMONTON D  
0979 106005 2006-09-01 EDMONTON E

0979 118801 2007-01-01 LOWER EDMONTON A  
0979 118802 2007-03-01 LOWER EDMONTON B  
0979 118803 2009-09-01 LOWER EDMONTON C

0979 126001 2001-03-01 BELLY RIVER A  
0979 126002 2001-10-01 BELLY RIVER B  
0979 126003 2005-08-01 BELLY RIVER C  
0979 126004 2008-03-01 BELLY RIVER D  
0979 126005 2010-01-01 BELLY RIVER E

0979 176001 2006-04-01 CARDIUM A

0979 218001 2009-12-01 VIKING A  
0979 218002 2001-02-01 VIKING B  
0979 218003 2001-02-01 VIKING C  
0979 218004 2001-02-01 VIKING D  
0979 218005 2002-09-01 VIKING E  
0979 218007 2010-11-01 VIKING G

0979 250001 2010-04-01 UPPER MANNVILLE A  
0979 250003 2004-01-01 UPPER MANNVILLE C  
0979 250004 2001-02-01 UPPER MANNVILLE D  
0979 250005 2009-08-01 UPPER MANNVILLE E  
0979 250007 2010-12-01 UPPER MANNVILLE G  
0979 250008 2005-03-01 UPPER MANNVILLE H  
0979 250009 2010-04-01 UPPER MANNVILLE I

**POOL DESIGNATION (cont'd)**

0979 250010 2003-05-01 UPPER MANNVILLE J  
0979 250011 2010-07-01 UPPER MANNVILLE K  
0979 250012 2005-02-01 UPPER MANNVILLE L  
0979 250013 2006-10-01 UPPER MANNVILLE M  
0979 250014 2010-04-01 UPPER MANNVILLE N  
0979 250016 2006-12-01 UPPER MANNVILLE P  
0979 250018 2010-04-01 UPPER MANNVILLE R  
0979 250019 2008-05-01 UPPER MANNVILLE S  
0979 250020 2008-11-01 UPPER MANNVILLE T  
0979 250022 2012-01-01 UPPER MANNVILLE V

0979 304001 2012-01-01 BLUESKY A  
0979 304002 2004-04-01 BLUESKY B  
0979 304003 2005-07-01 BLUESKY C  
0979 304004 2006-01-01 BLUESKY D  
0979 304005 2006-09-01 BLUESKY E  
0979 304006 2011-05-01 BLUESKY F  
0979 304007 2008-02-01 BLUESKY G  
0979 304008 2010-02-01 BLUESKY H

0979 326002 2001-02-01 GETHING B  
0979 326004 2001-02-01 GETHING D  
0979 326006 2001-02-01 GETHING F  
0979 326007 2001-02-01 GETHING G  
0979 326008 2001-02-01 GETHING H  
0979 326009 2001-02-01 GETHING I  
0979 326010 2010-08-01 GETHING J  
0979 326011 2001-02-01 GETHING K  
0979 326012 2001-02-01 GETHING L  
0979 326013 2001-02-01 GETHING M  
0979 326014 2001-02-01 GETHING N  
0979 326015 2001-02-01 GETHING O  
0979 326016 2009-08-01 GETHING P  
0979 326017 2010-04-01 GETHING Q  
0979 326018 2005-03-01 GETHING R  
0979 326019 2001-02-01 GETHING S  
0979 326020 2001-02-01 GETHING T  
0979 326021 2001-02-01 GETHING U

**POOL DESIGNATION (cont'd)**

0979 326022	2001-02-01	GETHING V
0979 326023	2001-11-01	GETHING W
0979 326024	2009-08-01	GETHING X
0979 326025	2002-05-01	GETHING Y
0979 326026	2002-09-01	GETHING Z
0979 326027	2002-07-01	GETHING AA
0979 326028	2003-10-01	GETHING BB
0979 326029	2003-09-01	GETHING CC
0979 326030	2003-09-01	GETHING DD
0979 326031	2003-09-01	GETHING EE
0979 326032	2004-04-01	GETHING FF
0979 326033	2011-08-01	GETHING GG
0979 326034	2004-02-01	GETHING HH
0979 326035	2004-10-01	GETHING II
0979 326037	2005-03-01	GETHING KK
0979 326038	2004-12-01	GETHING LL
0979 326039	2010-04-01	GETHING MM
0979 326040	2005-09-01	GETHING NN
0979 326041	2006-11-01	GETHING OO
0979 326042	2006-12-01	GETHING PP
0979 326043	2007-11-01	GETHING QQ
0979 326044	2007-11-01	GETHING RR
0979 326046	2009-11-01	GETHING TT
0979 326047	2012-01-01	GETHING UU
0979 326048	2012-02-01	GETHING VV
0979 326049	2012-02-01	GETHING WW
0979 432001	2012-02-01	ROCK CREEK A
0979 444001	2001-02-01	NORDEGG A
0979 444002	2008-03-01	NORDEGG B
0979 444003	2007-11-01	NORDEGG C
0979 444004	2009-10-01	NORDEGG D
0979 444005	2009-12-01	NORDEGG E
0979 610001	2001-02-01	RUNDLE A
0979 610003	2010-04-01	RUNDLE C
0979 610004	2001-02-01	RUNDLE D

**POOL DESIGNATION (cont'd)**

0979 610005 2001-02-01	RUNDLE E
0979 610006 2001-02-01	RUNDLE F
0979 610007 2008-06-01	RUNDLE G
0979 638001 2001-02-01	ELKTON A
0979 640001 2008-11-01	SHUNDA A
0979 642001 2001-02-01	PEKISKO A
0979 642002 2001-02-01	PEKISKO B
0979 642003 2001-02-01	PEKISKO C
0979 642004 2001-02-01	PEKISKO D
0979 644001 2010-04-01	BANFF A
0979 670001 2009-11-01	WINTERBURN A
0979 670003 2001-03-01	WINTERBURN C
0979 670004 2001-03-01	WINTERBURN D
0979 696001 2010-04-01	D-2 A
0979 720001 2010-04-01	D-3 A
0979 720002 2010-04-01	D-3 B
0979 720003 2001-02-01	D-3 C
0979 720005 2001-02-01	D-3 E
0979 720006 2001-02-01	D-3 F
0979 720007 2001-02-01	D-3 G
0979 720008 2001-02-01	D-3 H
0979 720009 2010-04-01	D-3 I
0979 720010 2001-02-01	D-3 J
0979 720011 2001-02-01	D-3 K
0979 720012 2001-02-01	D-3 L
0979 720013 2001-09-01	D-3 M
0979 851700 2011-11-01	MFP8517 GETHING

**SPACING PATTERN**

SU 2576 7 Feb 1996  
SU 2576A 19 Dec 1996  
SU 2576B 9 May 1997  
SU 2576C 9 Dec 1998  
SU 2576D 19 Jan 1999  
SU 2576E 23 Feb 2001  
SU 2576F 22 Jan 2003  
SU 2576G 16 Apr 2005  
SU 2576H 18 Nov 2005  
SU 2576I 28 Sep 2007

**COMMINGLED PRODUCTION**

MU 6542 10 Apr 2007

**GAS CYCLING**

App 5101 1 Dec 1986  
App 5101A 4 Oct 1989  
By gas blowdown  
D-3 A  
Amoco Canada Petroleum Co. Ltd.  
Petro-Canada Inc.

**ENHANCED RECOVERY SCHEMES**

App 11707 20 Oct 2011  
Waterflood  
Bluesky A  
Surge Energy Inc.

**ENHANCED RECOVERY SCHEMES &  
CONCURRENT PRODUCTION**

App 2924 11 Sep 1979  
ER by gas injection &  
concurrent production  
Windfall D-3 C  
Petrofina Canada Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 1630 5 Nov 1971  
App 1630A 24 Feb 1972  
Class Ib  
Petrofina Canada Ltd.

App 7117 10 Feb 1993  
App 7117A 19 Dec 1995  
Class II  
Genesis Exploration Ltd.

App 8930 12 Oct 2001  
Class II  
Vintage Petroleum Canada Inc.

App 9094 24 May 2002  
Class II  
Talisman Energy Inc.

App 9702 23 Feb 2004  
Class II  
BP Canada Energy Company

App 9703 23 Feb 2004  
Class Ib  
BP Canada Energy Company

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**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 10407 18 Nov 2005

Class II

NAL Resources Limited

**FIELD DESIGNATION**

0980 2011-11-01            WINDY FIELD

**POOL DESIGNATION**

0980 256001 2001-02-01    COLONY A  
0980 256002 2001-02-01    COLONY B  
0980 256003 2010-04-01    COLONY C  
0980 256004 2010-04-01    COLONY D  
0980 256005 2010-04-01    COLONY E  
0980 256006 2001-02-01    COLONY F  
0980 256007 2001-02-01    COLONY G  
0980 256008 2001-03-01    COLONY H  
0980 256009 2003-02-01    COLONY I  
0980 256010 2007-10-01    COLONY J  
0980 256011 2007-10-01    COLONY K  
0980 256012 2009-03-01    COLONY L  
0980 256013 2009-05-01    COLONY M  
0980 256014 2009-10-01    COLONY N

0980 268001 2001-02-01    MCLAREN A  
0980 268002 2005-09-01    MCLAREN B  
0980 268004 2005-11-01    MCLAREN D  
0980 268005 2008-12-01    MCLAREN E  
0980 268006 2009-04-01    MCLAREN F

0980 270001 2001-02-01    WASECA A  
0980 270002 2001-03-01    WASECA B

0980 276001 2001-02-01    SPARKY A  
0980 276002 2001-02-01    SPARKY B  
0980 276003 2001-02-01    SPARKY C  
0980 276004 2002-08-01    SPARKY D  
0980 276005 2010-04-01    SPARKY E  
0980 276006 2005-05-01    SPARKY F

0980 286001 2001-02-01    GENERAL PETROLEUM A

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**POOL DESIGNATION (cont'd)**

0980 286002 2001-02-01 GENERAL PETROLEUM B  
0980 286003 2002-08-01 GENERAL PETROLEUM C  
0980 286004 2001-02-01 GENERAL PETROLEUM D  
0980 286005 2001-02-01 GENERAL PETROLEUM E  
0980 286006 2005-05-01 GENERAL PETROLEUM F  
0980 286007 2009-01-01 GENERAL PETROLEUM G

0980 288001 2001-02-01 REX A  
0980 288002 2001-02-01 REX B

0980 294001 2001-02-01 LLOYDMINSTER A  
0980 294002 2001-02-01 LLOYDMINSTER B  
0980 294003 2001-02-01 LLOYDMINSTER C  
0980 294004 2004-12-01 LLOYDMINSTER D  
0980 294005 2007-08-01 LLOYDMINSTER E  
0980 294006 2011-12-01 LLOYDMINSTER F

**SPACING PATTERN**

SU 2577 7 Feb 1996

**COMMINGLED PRODUCTION**

MU 4318 26 Apr 2005

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**FIELD DESIGNATION**

0982 2011-09-01 WINTERING HILLS FIELD

**POOL DESIGNATION**

0982 134002 2005-05-01 BASAL BELLY RIVER B  
0982 134003 2010-08-01 BASAL BELLY RIVER C  
0982 134008 2005-05-01 BASAL BELLY RIVER H  
0982 134014 2005-05-01 BASAL BELLY RIVER N  
0982 134017 2008-05-01 BASAL BELLY RIVER Q  
0982 134020 2010-04-01 BASAL BELLY RIVER T  
0982 134021 2010-03-01 BASAL BELLY RIVER U

0982 160001 2002-02-01 COLORADO A  
0982 160002 2004-12-01 COLORADO B  
0982 160003 2011-12-01 COLORADO C  
0982 160004 2012-02-01 COLORADO D

0982 186008 2005-03-01 SECOND WHITE SPECKS H

0982 202001 2005-03-01 FISH SCALE A  
0982 202002 2011-02-01 FISH SCALE B  
0982 202003 2010-04-01 FISH SCALE C  
0982 202004 2010-04-01 FISH SCALE D  
0982 202005 2009-09-01 FISH SCALE E

0982 213001 2009-09-01 BOW ISLAND A

0982 218001 2010-04-01 VIKING A  
0982 218004 2001-02-01 VIKING D  
0982 218005 2010-04-01 VIKING E  
0982 218006 2010-04-01 VIKING F  
0982 218008 2005-02-01 VIKING H  
0982 218009 2001-02-01 VIKING I  
0982 218010 2006-10-01 VIKING J  
0982 218012 2001-02-01 VIKING L  
0982 218013 2001-02-01 VIKING M

**POOL DESIGNATION (cont'd)**

0982 218016	2001-02-01	VIKING P
0982 218017	2001-02-01	VIKING Q
0982 218018	2001-02-01	VIKING R
0982 218019	2001-02-01	VIKING S
0982 218023	2001-02-01	VIKING W
0982 218024	2001-02-01	VIKING X
0982 218025	2001-02-01	VIKING Y
0982 218026	2001-02-01	VIKING Z
0982 218027	2004-02-01	VIKING AA
0982 218028	2001-03-01	VIKING BB
0982 218029	2001-03-01	VIKING CC
0982 218031	2010-04-01	VIKING EE
0982 218032	2005-09-01	VIKING FF
0982 218033	2010-04-01	VIKING GG
0982 218034	2004-10-01	VIKING HH
0982 218035	2005-05-01	VIKING II
0982 218036	2009-03-01	VIKING JJ
0982 218037	2010-04-01	VIKING KK
0982 218038	2010-04-01	VIKING LL
0982 218039	2010-04-01	VIKING MM
0982 218041	2010-04-01	VIKING OO
0982 218042	2006-03-01	VIKING PP
0982 218043	2010-04-01	VIKING QQ
0982 218046	2010-04-01	VIKING TT
0982 218047	2010-04-01	VIKING UU
0982 218048	2010-04-01	VIKING VV
0982 218049	2006-06-01	VIKING WW
0982 218050	2006-10-01	VIKING XX
0982 218051	2010-04-01	VIKING YY
0982 218052	2010-04-01	VIKING ZZ
0982 220402	2010-04-01	VIKING BBB
0982 220403	2010-04-01	VIKING CCC
0982 220404	2007-12-01	VIKING DDD
0982 220405	2009-05-01	VIKING EEE
0982 220406	2009-10-01	VIKING FFF
0982 220407	2010-04-01	VIKING GGG
0982 220408	2010-04-01	VIKING HHH
0982 220409	2010-03-01	VIKING III

**POOL DESIGNATION (cont'd)**

0982 220410	2010-07-01	VIKING JJJ
0982 220411	2011-05-01	VIKING KKK
0982 242001	2001-02-01	BASAL COLORADO A
0982 250001	2001-02-01	UPPER MANNVILLE A
0982 250002	2010-04-01	UPPER MANNVILLE B
0982 250003	2001-02-01	UPPER MANNVILLE C
0982 250004	2001-02-01	UPPER MANNVILLE D
0982 250006	2001-02-01	UPPER MANNVILLE F
0982 250007	2004-09-01	UPPER MANNVILLE G
0982 250008	2001-02-01	UPPER MANNVILLE H
0982 250009	2010-04-01	UPPER MANNVILLE I
0982 250010	2001-02-01	UPPER MANNVILLE J
0982 250013	2001-02-01	UPPER MANNVILLE M
0982 250014	2004-08-01	UPPER MANNVILLE N
0982 250015	2001-02-01	UPPER MANNVILLE O
0982 250018	2001-02-01	UPPER MANNVILLE R
0982 250019	2001-02-01	UPPER MANNVILLE S
0982 250021	2001-02-01	UPPER MANNVILLE U
0982 250022	2001-02-01	UPPER MANNVILLE V
0982 250023	2001-02-01	UPPER MANNVILLE W
0982 250024	2001-02-01	UPPER MANNVILLE X
0982 250025	2010-04-01	UPPER MANNVILLE Y
0982 250027	2001-03-01	UPPER MANNVILLE AA
0982 250028	2010-06-01	UPPER MANNVILLE BB
0982 250031	2006-11-01	UPPER MANNVILLE EE
0982 250032	2002-05-01	UPPER MANNVILLE FF
0982 250033	2002-05-01	UPPER MANNVILLE GG
0982 250034	2002-07-01	UPPER MANNVILLE HH
0982 250035	2002-07-01	UPPER MANNVILLE II
0982 250036	2002-10-01	UPPER MANNVILLE JJ
0982 250037	2002-10-01	UPPER MANNVILLE KK
0982 250038	2002-11-01	UPPER MANNVILLE LL
0982 250039	2002-12-01	UPPER MANNVILLE MM
0982 250040	2010-03-01	UPPER MANNVILLE NN
0982 250042	2003-01-01	UPPER MANNVILLE PP
0982 250043	2005-01-01	UPPER MANNVILLE QQ

**POOL DESIGNATION (cont'd)**

0982 250045 2003-07-01	UPPER MANNVILLE SS
0982 250046 2003-10-01	UPPER MANNVILLE TT
0982 250047 2003-10-01	UPPER MANNVILLE UU
0982 250048 2003-10-01	UPPER MANNVILLE VV
0982 250050 2004-05-01	UPPER MANNVILLE XX
0982 250704 2005-02-01	UPPER MANNVILLE DDD
0982 250705 2012-01-01	UPPER MANNVILLE EEE
0982 250706 2005-02-01	UPPER MANNVILLE FFF
0982 250707 2005-05-01	UPPER MANNVILLE GGG
0982 250708 2005-05-01	UPPER MANNVILLE HHH
0982 250709 2010-04-01	UPPER MANNVILLE III
0982 250710 2008-04-01	UPPER MANNVILLE JJJ
0982 250711 2010-04-01	UPPER MANNVILLE KKK
0982 250712 2010-04-01	UPPER MANNVILLE LLL
0982 250713 2010-04-01	UPPER MANNVILLE MMM
0982 250714 2006-01-01	UPPER MANNVILLE NNN
0982 250715 2006-01-01	UPPER MANNVILLE OOO
0982 250716 2010-04-01	UPPER MANNVILLE PPP
0982 250717 2006-02-01	UPPER MANNVILLE QQQ
0982 250718 2010-04-01	UPPER MANNVILLE RRR
0982 250719 2010-04-01	UPPER MANNVILLE SSS
0982 250720 2006-04-01	UPPER MANNVILLE TTT
0982 250721 2010-04-01	UPPER MANNVILLE UUU
0982 250722 2006-09-01	UPPER MANNVILLE VVV
0982 250723 2011-02-01	UPPER MANNVILLE WWW
0982 250725 2010-04-01	UPPER MANNVILLE YYY
0982 250726 2010-04-01	UPPER MANNVILLE ZZZ
0982 250727 2010-04-01	UPPER MANNVILLE A2A
0982 250729 2007-11-01	UPPER MANNVILLE C2C
0982 250730 2007-12-01	UPPER MANNVILLE D2D
0982 250731 2008-03-01	UPPER MANNVILLE E2E
0982 250733 2008-03-01	UPPER MANNVILLE G2G
0982 250734 2010-04-01	UPPER MANNVILLE H2H
0982 250735 2008-06-01	UPPER MANNVILLE I2I
0982 250736 2008-06-01	UPPER MANNVILLE J2J
0982 250737 2010-04-01	UPPER MANNVILLE K2K
0982 250738 2008-11-01	UPPER MANNVILLE L2L
0982 250739 2008-12-01	UPPER MANNVILLE M2M

**POOL DESIGNATION (cont'd)**

0982 250740 2010-04-01	UPPER MANNVILLE N2N
0982 250741 2010-04-01	UPPER MANNVILLE O2O
0982 250743 2009-03-01	UPPER MANNVILLE Q2Q
0982 250744 2009-03-01	UPPER MANNVILLE R2R
0982 250745 2009-04-01	UPPER MANNVILLE S2S
0982 250746 2009-04-01	UPPER MANNVILLE T2T
0982 250747 2009-04-01	UPPER MANNVILLE U2U
0982 250748 2009-05-01	UPPER MANNVILLE V2V
0982 250750 2009-07-01	UPPER MANNVILLE X2X
0982 250751 2010-04-01	UPPER MANNVILLE Y2Y
0982 250752 2009-07-01	UPPER MANNVILLE Z2Z
0982 251101 2010-04-01	UPPER MANNVILLE A3A
0982 251102 2010-01-01	UPPER MANNVILLE B3B
0982 251103 2010-04-01	UPPER MANNVILLE C3C
0982 251104 2010-03-01	UPPER MANNVILLE D3D
0982 251105 2010-05-01	UPPER MANNVILLE E3E
0982 251106 2010-09-01	UPPER MANNVILLE F3F
0982 251107 2011-02-01	UPPER MANNVILLE G3G
0982 251108 2011-11-01	UPPER MANNVILLE H3H
0982 251109 2011-12-01	UPPER MANNVILLE I3I
0982 251110 2011-12-01	UPPER MANNVILLE J3J
0982 251111 2012-02-01	UPPER MANNVILLE K3K
0982 310001 2011-09-01	LOWER MANNVILLE A
0982 310002 2001-02-01	LOWER MANNVILLE B
0982 310003 2010-05-01	LOWER MANNVILLE C
0982 310004 2001-02-01	LOWER MANNVILLE D
0982 310009 2001-02-01	LOWER MANNVILLE I
0982 310011 2010-04-01	LOWER MANNVILLE K
0982 310012 2001-02-01	LOWER MANNVILLE L
0982 310014 2001-02-01	LOWER MANNVILLE N
0982 310017 2001-02-01	LOWER MANNVILLE Q
0982 310018 2001-02-01	LOWER MANNVILLE R
0982 310019 2001-02-01	LOWER MANNVILLE S
0982 310020 2003-08-01	LOWER MANNVILLE T
0982 310022 2001-02-01	LOWER MANNVILLE V
0982 310023 2010-04-01	LOWER MANNVILLE W
0982 310025 2001-02-01	LOWER MANNVILLE Y

**POOL DESIGNATION (cont'd)**

0982 310027 2004-02-01	LOWER MANNVILLE AA
0982 310028 2001-02-01	LOWER MANNVILLE BB
0982 310030 2010-04-01	LOWER MANNVILLE DD
0982 310031 2001-02-01	LOWER MANNVILLE EE
0982 310032 2010-03-01	LOWER MANNVILLE FF
0982 310033 2010-04-01	LOWER MANNVILLE GG
0982 310034 2001-02-01	LOWER MANNVILLE HH
0982 310035 2010-03-01	LOWER MANNVILLE II
0982 310037 2010-03-01	LOWER MANNVILLE KK
0982 310038 2001-06-01	LOWER MANNVILLE LL
0982 310040 2001-09-01	LOWER MANNVILLE NN
0982 310041 2009-01-01	LOWER MANNVILLE OO
0982 310042 2002-01-01	LOWER MANNVILLE PP
0982 310043 2002-02-01	LOWER MANNVILLE QQ
0982 310044 2002-03-01	LOWER MANNVILLE RR
0982 310045 2010-05-01	LOWER MANNVILLE SS
0982 310046 2011-08-01	LOWER MANNVILLE TT
0982 310047 2002-11-01	LOWER MANNVILLE UU
0982 310048 2003-07-01	LOWER MANNVILLE VV
0982 310049 2002-12-01	LOWER MANNVILLE WW
0982 310050 2002-12-01	LOWER MANNVILLE XX
0982 310051 2003-08-01	LOWER MANNVILLE YY
0982 310052 2003-01-01	LOWER MANNVILLE ZZ
0982 310101 2003-02-01	LOWER MANNVILLE AAA
0982 310102 2003-03-01	LOWER MANNVILLE BBB
0982 310103 2010-04-01	LOWER MANNVILLE CCC
0982 310104 2003-06-01	LOWER MANNVILLE DDD
0982 310105 2003-06-01	LOWER MANNVILLE EEE
0982 310106 2003-06-01	LOWER MANNVILLE FFF
0982 310107 2010-04-01	LOWER MANNVILLE GGG
0982 310109 2004-05-01	LOWER MANNVILLE III
0982 310110 2004-08-01	LOWER MANNVILLE JJJ
0982 310111 2010-04-01	LOWER MANNVILLE KKK
0982 310112 2010-04-01	LOWER MANNVILLE LLL
0982 310113 2011-02-01	LOWER MANNVILLE MMM
0982 310114 2006-04-01	LOWER MANNVILLE NNN
0982 310115 2010-04-01	LOWER MANNVILLE OOO
0982 310116 2010-04-01	LOWER MANNVILLE PPP

**POOL DESIGNATION (cont'd)**

0982 310117 2010-04-01 LOWER MANNVILLE QQQ  
0982 310118 2010-04-01 LOWER MANNVILLE RRR  
0982 310119 2010-04-01 LOWER MANNVILLE SSS  
0982 310120 2010-04-01 LOWER MANNVILLE TTT  
0982 310121 2008-06-01 LOWER MANNVILLE UUU  
0982 310122 2008-10-01 LOWER MANNVILLE VVV  
0982 310123 2010-04-01 LOWER MANNVILLE WWW  
0982 310124 2010-05-01 LOWER MANNVILLE XXX  
0982 310125 2010-08-01 LOWER MANNVILLE YYY  
0982 310126 2011-12-01 LOWER MANNVILLE ZZZ  
0982 310127 2012-01-01 LOWER MANNVILLE A2A  
0982 310128 2012-01-01 LOWER MANNVILLE B2B  
0982 310129 2012-02-01 LOWER MANNVILLE C2C

0982 336003 2006-04-01 ELLERSLIE C  
0982 336004 2006-04-01 ELLERSLIE D  
0982 336005 2010-04-01 ELLERSLIE E  
0982 336006 2006-04-01 ELLERSLIE F  
0982 336007 2010-04-01 ELLERSLIE G  
0982 336008 2006-06-01 ELLERSLIE H  
0982 336009 2006-11-01 ELLERSLIE I  
0982 336010 2007-05-01 ELLERSLIE J  
0982 336011 2007-08-01 ELLERSLIE K  
0982 336012 2008-02-01 ELLERSLIE L  
0982 336013 2008-02-01 ELLERSLIE M  
0982 336014 2008-03-01 ELLERSLIE N  
0982 336015 2010-04-01 ELLERSLIE O  
0982 336016 2009-01-01 ELLERSLIE P  
0982 336019 2010-01-01 ELLERSLIE S  
0982 336020 2010-04-01 ELLERSLIE T  
0982 336021 2010-04-01 ELLERSLIE U  
0982 336022 2010-08-01 ELLERSLIE V  
0982 336023 2011-09-01 ELLERSLIE W  
0982 336024 2011-02-01 ELLERSLIE X  
0982 336025 2011-11-01 ELLERSLIE Y  
0982 336026 2011-11-01 ELLERSLIE Z  
0982 336027 2011-10-01 ELLERSLIE AA  
0982 336028 2011-09-01 ELLERSLIE BB

**POOL DESIGNATION (cont'd)**

0982 336029 2011-10-01	ELLERSLIE CC
0982 336030 2011-11-01	ELLERSLIE DD
0982 336031 2011-11-01	ELLERSLIE EE
0982 336032 2012-02-01	ELLERSLIE FF
0982 350001 2001-03-01	DETRITAL A
0982 350002 2010-04-01	DETRITAL B
0982 350003 2008-07-01	DETRITAL C
0982 610001 2010-04-01	RUNDLE A
0982 642001 2002-01-01	PEKISKO A
0982 642002 2010-04-01	PEKISKO B
0982 850100 2010-05-01	MFP8501 MILK RIVER
0982 850200 2011-09-01	MFP8502 MED HAT
0982 850500 2010-04-01	MFP8505 2WS
0982 850600 2011-09-01	MFP8506 BELLY RIVER
0982 851300 2009-10-01	MFP8513 BOW ISLAND
0982 851900 2008-07-01	MFP8519 GLAUCONITIC
0982 852600 2010-04-01	MFP8526 ELLERSLIE
0982 854300 2011-04-01	MFP8543 BSL BELLY RIV
0982 854400 2011-12-01	MFP8544 1WS
0982 856100 2010-06-01	MFP8561 UPPER MANN

**SPACING PATTERN**

SU 4184 17 May 2004  
SU 4184A 23 Jun 2004  
SU 4184B 28 Oct 2004  
SU 4184C 20 Nov 2004  
SU 4184D 15 Dec 2004  
SU 4184E 12 Mar 2005  
SU 4184F 5 Apr 2005  
SU 4184G 21 Sep 2005  
SU 4184H 31 Oct 2005  
SU 4184I 23 Feb 2006  
SU 4184J 15 Mar 2006  
SU 4184K 12 May 2006  
SU 4184L 5 Apr 2007  
SU 4184M 6 Sep 2007

**COMMINGLED PRODUCTION**

MU 8003 18 Aug 2011

**ENHANCED RECOVERY SCHEMES**

App 11682 29 Aug 2011  
Other  
Lower Mannville CC  
Cenovus Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 2529 2 Sep 1977  
App 2529A 30 Jun 1994  
App 2529B 4 Feb 1997  
Class II  
Omen Resources Ltd.

App 4640 15 Oct 1985  
Class II  
Pethelen Resources (1973) Ltd.

**FIELD DESIGNATION**

0985 2004-02-01 WIZARD LAKE FIELD

**POOL DESIGNATION**

0985 106001 2007-03-01 EDMONTON A  
0985 126002 2011-01-01 BELLY RIVER B  
0985 218001 2001-02-01 VIKING A  
0985 250001 2010-04-01 UPPER MANNVILLE A  
0985 300001 2001-02-01 GLAUCONITIC A  
0985 300002 2001-02-01 GLAUCONITIC B  
0985 300003 2010-04-01 GLAUCONITIC C  
0985 300004 2001-05-01 GLAUCONITIC D  
0985 300005 2010-04-01 GLAUCONITIC E  
0985 300006 2003-05-01 GLAUCONITIC F  
0985 300007 2004-02-01 GLAUCONITIC G  
0985 310001 2010-04-01 LOWER MANNVILLE A  
0985 334001 2001-02-01 BASAL QUARTZ A  
0985 334002 2001-02-01 BASAL QUARTZ B  
0985 334003 2001-02-01 BASAL QUARTZ C  
0985 334004 2010-04-01 BASAL QUARTZ D  
0985 334005 2001-02-01 BASAL QUARTZ E  
0985 334006 2001-02-01 BASAL QUARTZ F  
0985 334007 2010-04-01 BASAL QUARTZ G  
0985 334008 2001-03-01 BASAL QUARTZ H  
0985 334009 2001-03-01 BASAL QUARTZ I  
0985 334010 2010-04-01 BASAL QUARTZ J  
0985 334011 2004-02-01 BASAL QUARTZ K  
0985 334012 2005-02-01 BASAL QUARTZ L  
0985 334013 2007-03-01 BASAL QUARTZ M

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**WIZ**

**WIZARD LAKE FIELD**  
**February 2012**

**0985**  
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**POOL DESIGNATION (cont'd)**

0985 696001 2010-04-01 D-2 A

0985 720001 2010-04-01 D-3 A

0985 720002 2010-04-01 D-3 B

**SPACING PATTERN**

SU 2568 7 Feb 1996

SU 2568A 16 Mar 1999

**MISCELLANEOUS ORDERS**

MISC 5910 16 Mar 1959

Wizard Lake D-3 Unit

Application of sec 10, sub (1)

clause (b) of Drilling & Prod Regs

suspended

**COMMINGLED PRODUCTION**

MU 6424 7 Feb 2007

**ENHANCED RECOVERY SCHEMES**

App 9870A 3 Apr 2009

Chemical

D-3 A

Imperial Oil Resources Limited

**FIELD DESIGNATION**

0987 2009-10-01            WOKING FIELD

**POOL DESIGNATION**

0987 230001 2010-04-01    PADDY A  
0987 230002 2001-02-01    PADDY B  
0987 230003 2002-05-01    PADDY C

0987 232001 2001-02-01    CADOTTE A  
0987 232002 2006-07-01    CADOTTE B

0987 264001 2001-02-01    SPIRIT RIVER A

0987 266001 2001-02-01    NOTIKEWIN A  
0987 266002 2004-07-01    NOTIKEWIN B  
0987 266003 2005-02-01    NOTIKEWIN C

0987 304002 2001-02-01    BLUESKY B

0987 326001 2001-02-01    GETHING A  
0987 326002 2001-02-01    GETHING B  
0987 326003 2001-02-01    GETHING C  
0987 326004 2001-02-01    GETHING D  
0987 326005 2001-02-01    GETHING E  
0987 326006 2001-02-01    GETHING F  
0987 326007 2001-02-01    GETHING G  
0987 326008 2001-02-01    GETHING H  
0987 326009 2001-02-01    GETHING I  
0987 326010 2002-02-01    GETHING J  
0987 326011 2005-03-01    GETHING K

0987 348001 2001-02-01    CADOMIN A  
0987 348002 2001-02-01    CADOMIN B  
0987 348003 2001-02-01    CADOMIN C  
0987 348004 2005-08-01    CADOMIN D  
0987 348005 2009-02-01    CADOMIN E

**POOL DESIGNATION (cont'd)**

0987 508001 2001-02-01 CHARLIE LAKE A  
0987 516001 2010-04-01 HALFWAY A  
0987 516002 2010-04-01 HALFWAY B  
0987 556001 2001-02-01 BELLOY A  
0987 605001 2008-07-01 TAYLOR FLAT A  
0987 606001 2001-02-01 KISKATINAW A

**SPACING PATTERN**

SU 2586 13 Feb 1996

**ENHANCED RECOVERY SCHEMES**

App 11378A 7 Dec 2010  
Waterflood  
Halfway B  
Transaction Oil & Gas Ventures Inc.

**FIELD DESIGNATION**

0993 2011-08-01                      WOLF SOUTH FIELD

**POOL DESIGNATION**

0993 176001 2001-02-01          CARDIUM A  
0993 176002 2004-05-01          CARDIUM B  
0993 176003 2005-11-01          CARDIUM C

0993 218002 2010-04-01          VIKING B

0993 250001 2010-04-01          UPPER MANNVILLE A  
0993 250002 2010-04-01          UPPER MANNVILLE B  
0993 250003 2006-12-01          UPPER MANNVILLE C  
0993 250004 2007-10-01          UPPER MANNVILLE D

0993 266002 2003-11-01          NOTIKEWIN B

0993 326001 2001-02-01          GETHING A  
0993 326002 2010-04-01          GETHING B  
0993 326003 2007-03-01          GETHING C  
0993 326005 2010-04-01          GETHING E  
0993 326006 2010-04-01          GETHING F  
0993 326007 2008-05-01          GETHING G  
0993 326008 2008-12-01          GETHING H  
0993 326009 2009-05-01          GETHING I

0993 336005 2006-12-01          ELLERSLIE E  
0993 336006 2006-12-01          ELLERSLIE F  
0993 336007 2010-02-01          ELLERSLIE G  
0993 336008 2011-04-01          ELLERSLIE H

0993 432002 2006-04-01          ROCK CREEK B  
0993 432004 2011-02-01          ROCK CREEK D  
0993 432011 2007-10-01          ROCK CREEK K  
0993 432012 2008-12-01          ROCK CREEK L

**POOL DESIGNATION (cont'd)**

0993 444001	2005-05-01	NORDEGG A
0993 444002	2004-10-01	NORDEGG B
0993 640001	2001-02-01	SHUNDA A
0993 640002	2001-10-01	SHUNDA B

**SPACING PATTERN**

SU 2937	11 Aug 1999
SU 2937A	7 May 2004
SU 2937B	7 Jun 2004
SU 2937C	12 Apr 2005
SU 2937D	22 Mar 2007
SU 2937E	13 Aug 2007

**COMMINGLED PRODUCTION**

MU 7893	1 Jun 2011
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**FIELD DESIGNATION**

0765 2005-12-01                      WOLVERINE FIELD

**POOL DESIGNATION**

0765 304001 2010-04-01      BLUESKY A  
0765 304003 2010-04-01      BLUESKY C  
0765 304004 2001-03-01      BLUESKY D  
0765 304005 2005-12-01      BLUESKY E  
0765 304006 2005-12-01      BLUESKY F  
0765 304007 2011-07-01      BLUESKY G

0765 326801 2010-04-01      GETHING-WABAMUN A  
0765 326802 2005-12-01      GETHING-WABAMUN B

**SPACING PATTERN**

SU 2605            7 Mar 1996  
SU 2605A          30 Jan 1997

**COMMINGLED PRODUCTION**

MU 1760          15 Apr 1999

**SUBSURFACE DISPOSAL SCHEMES**

App 9750A      9 Nov 2011  
Class II  
Lone Pine Resources Canada Ltd.

**FIELD DESIGNATION**

0988 2011-05-01            WOOD RIVER FIELD

**POOL DESIGNATION**

0988 118801 2011-12-01    LOWER EDMONTON A

0988 126001 2001-02-01    BELLY RIVER A

0988 126002 2001-02-01    BELLY RIVER B

0988 126003 2001-02-01    BELLY RIVER C

0988 126019 2011-02-01    BELLY RIVER S

0988 134002 2005-07-01    BASAL BELLY RIVER B

0988 134003 2005-07-01    BASAL BELLY RIVER C

0988 134004 2007-08-01    BASAL BELLY RIVER D

0988 134005 2005-07-01    BASAL BELLY RIVER E

0988 134008 2006-06-01    BASAL BELLY RIVER H

0988 134010 2009-11-01    BASAL BELLY RIVER J

0988 250001 2001-02-01    UPPER MANNVILLE A

0988 250002 2001-02-01    UPPER MANNVILLE B

0988 250003 2008-03-01    UPPER MANNVILLE C

0988 310001 2001-02-01    LOWER MANNVILLE A

0988 310002 2008-07-01    LOWER MANNVILLE B

0988 310003 2001-02-01    LOWER MANNVILLE C

0988 310006 2001-02-01    LOWER MANNVILLE F

0988 310007 2001-02-01    LOWER MANNVILLE G

0988 310008 2001-02-01    LOWER MANNVILLE H

0988 310009 2001-02-01    LOWER MANNVILLE I

0988 310010 2001-02-01    LOWER MANNVILLE J

0988 310011 2001-02-01    LOWER MANNVILLE K

0988 310012 2001-02-01    LOWER MANNVILLE L

0988 310013 2001-02-01    LOWER MANNVILLE M

0988 310014 2001-02-01    LOWER MANNVILLE N

0988 310015 2001-02-01    LOWER MANNVILLE O

0988 310016 2001-02-01    LOWER MANNVILLE P

**POOL DESIGNATION (cont'd)**

0988 310017	2001-02-01	LOWER MANNVILLE Q
0988 310018	2001-02-01	LOWER MANNVILLE R
0988 310019	2001-02-01	LOWER MANNVILLE S
0988 310020	2001-02-01	LOWER MANNVILLE T
0988 310021	2001-02-01	LOWER MANNVILLE U
0988 310022	2011-04-01	LOWER MANNVILLE V
0988 310023	2001-08-01	LOWER MANNVILLE W
0988 310024	2005-05-01	LOWER MANNVILLE X
0988 310025	2004-11-01	LOWER MANNVILLE Y
0988 310026	2007-02-01	LOWER MANNVILLE Z
0988 310027	2007-08-01	LOWER MANNVILLE AA
0988 310028	2006-10-01	LOWER MANNVILLE BB
0988 310029	2007-11-01	LOWER MANNVILLE CC
0988 310030	2007-11-01	LOWER MANNVILLE DD
0988 696001	2010-04-01	D-2 A
0988 696003	2001-02-01	D-2 C
0988 696004	2012-02-01	D-2 D
0988 696007	2001-02-01	D-2 G
0988 720001	2001-02-01	D-3 A
0988 720002	2001-02-01	D-3 B
0988 720003	2001-02-01	D-3 C
0988 720004	2001-03-01	D-3 D
0988 720005	2006-05-01	D-3 E
0988 720006	2008-08-01	D-3 F
0988 850900	2011-05-01	MFP8509 BELLY RIVER

**SPACING PATTERN**

SU 4080 22 Dec 2003  
SU 4080A 22 Apr 2004  
SU 4080B 21 Jul 2004  
SU 4080C 12 Apr 2005  
SU 4080D 31 Aug 2005  
SU 4080E 17 Nov 2005  
SU 4080F 20 Dec 2005  
SU 4080G 15 Feb 2006  
SU 4080H 18 Oct 2007

**COMMINGLED PRODUCTION**

MU 7826 2 Jun 2011

**ENHANCED RECOVERY SCHEMES**

App 5105 14 Nov 1986  
App 5105A 6 Dec 1989  
App 5105B 31 Jan 1990  
App 5105C 15 Jun 1992  
App 5105D 6 Apr 2001  
App 5105E 30 Jul 2002  
Waterflood  
D-2 C  
Fairborne Energy Ltd.  
  
App 6861 16 Jul 1992  
App 6861A 6 Apr 2001  
App 6861B 30 Jul 2002  
Waterflood  
D-2 E  
Fairborne Energy Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 7798 10 Aug 1995  
Class II  
Pyramid Resources Ltd.

App 9155 30 Jul 2002  
Class II  
Fairborne Energy Ltd.

**COMPULSORY POOLING**

P 204 19 Apr 2001  
P 204A 19 Aug 2003  
Section 13-43-24W4M  
Belly River & Detrital Gas  
Canadian Natural Resources Limited

P 330 29 Aug 2007  
P 330A 7 Jul 2009  
Section 32-42-23W4M  
Horseshoe Canyon Coals Gas  
Fairborne Energy Ltd.

P 350 2 Jul 2008  
Section 8-43-24W4M  
All sands and coals to the base of the Belly  
River - Gas  
Response Energy Corporation

P 376 26 Nov 2008  
P 376A 16 Jun 2009  
P 376B 10 Mar 2010  
Sec 09-043-24W4M  
Gas from Sands & Coals to the Base of the  
Belly River  
Quicksilver Resources Canada Inc.

**FIELD DESIGNATION**

1303 2004-11-01                      WOODENHOUSE FIELD

**POOL DESIGNATION**

1303 280001 2010-04-01      CLEARWATER A  
1303 280004 2005-04-01      CLEARWATER D  
1303 280007 2007-05-01      CLEARWATER G

1303 306001 2002-02-01      WABISKAW A  
1303 306002 2003-08-01      WABISKAW B  
1303 306003 2004-09-01      WABISKAW C  
1303 306004 2004-11-01      WABISKAW D  
1303 306005 2010-04-01      WABISKAW E  
1303 306006 2009-04-01      WABISKAW F

1303 328001 2002-02-01      MCMURRAY A  
1303 328002 2010-04-01      MCMURRAY B  
1303 328003 2007-05-01      MCMURRAY C

1303 350001 2001-02-01      DETRITAL A

1303 696002 2003-04-01      NISKU B  
1303 696003 2010-04-01      NISKU C  
1303 696006 2001-03-01      NISKU F  
1303 696008 2001-03-01      NISKU H  
1303 696009 2003-09-01      NISKU I  
1303 696010 2004-02-01      NISKU J  
1303 696011 2007-11-01      NISKU K

**COMMINGLED PRODUCTION**

MU 7650            5 Jan 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 7913            14 Jun 1996  
App 7913A          8 Apr 2010  
Class Ib  
Paramount Energy Operating Corp.

**FIELD DESIGNATION**

0989 2011-03-01            WOODLAND FIELD

**POOL DESIGNATION**

0989 218001 2010-06-01    VIKING A

0989 250001 2001-02-01    UPPER MANNVILLE A  
0989 250002 2010-04-01    UPPER MANNVILLE B  
0989 250003 2001-02-01    UPPER MANNVILLE C  
0989 250004 2001-02-01    UPPER MANNVILLE D  
0989 250005 2001-02-01    UPPER MANNVILLE E  
0989 250006 2001-02-01    UPPER MANNVILLE F  
0989 250007 2001-03-01    UPPER MANNVILLE G  
0989 250008 2010-04-01    UPPER MANNVILLE H  
0989 250009 2011-12-01    UPPER MANNVILLE I  
0989 250010 2011-12-01    UPPER MANNVILLE J  
0989 250011 2011-12-01    UPPER MANNVILLE K

0989 262001 2001-02-01    GRAND RAPIDS A  
0989 262002 2006-12-01    GRAND RAPIDS B  
0989 262003 2008-04-01    GRAND RAPIDS C

0989 300001 2001-02-01    GLAUCONITIC A  
0989 300002 2001-02-01    GLAUCONITIC B  
0989 300004 2001-02-01    GLAUCONITIC D  
0989 300005 2001-02-01    GLAUCONITIC E

0989 658001 2001-02-01    WABAMUN A  
0989 658002 2001-02-01    WABAMUN B

**COMMINGLED PRODUCTION**

MU 5189      17 Apr 2006

**SUBSURFACE DISPOSAL SCHEMES**

App 7232      9 May 1994  
Class II  
Pacalta Resources Ltd.

**FIELD DESIGNATION**

0990 2011-02-01                      WORKMAN FIELD

**POOL DESIGNATION**

0990 118801 2010-04-01            LOWER EDMONTON A  
0990 118802 2010-04-01            LOWER EDMONTON B  
0990 118803 2006-11-01            LOWER EDMONTON C  
0990 118805 2007-08-01            LOWER EDMONTON E

0990 218001 2008-11-01            VIKING A  
0990 218003 2001-02-01            VIKING C  
0990 218004 2006-09-01            VIKING D

0990 850600 2011-01-01            MFP8506 BELLY RIVER

0990 855900 2010-09-01            MFP8559 LWR EDMONTON

0990 856000 2011-01-01            MFP8560 BSL BELLY RIV

0990 960500 2010-07-01            MFP9605 CBM LARD

0990 960600 2011-05-01            MFP9606 CBM CARB

0990 960700 2010-09-01            MFP9607 CBM UHSC

0990 960800 2010-09-01            MFP9608 CBM WAYN

0990 960900 2010-07-01            MFP9609 CBM RS

0990 961000 2010-07-01            MFP9610 CBM DBSL

0990 961300 2010-09-01            MFP9613 CBM RBSL

0990 961400 2010-09-01            MFP9614 CBM LETH

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**WORKMAN FIELD**

**0990**

**February 2012**

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**POOL DESIGNATION (cont'd)**

0990 961500 2011-04-01 MFP9615 CBM TABR

0990 961600 2011-04-01 MFP9616 CBM MCKY

**SPACING PATTERN**

SU 4289 14 Mar 2005

SU 4289A 11 Aug 2005

SU 4289B 24 Nov 2005

SU 4289C 12 Jun 2006

**COMMINGLED PRODUCTION**

MU 8110 13 Oct 2011

**FIELD DESIGNATION**

0991 2011-03-01            WORSLEY FIELD

**POOL DESIGNATION**

0991 264001 2008-02-01    SPIRIT RIVER A

0991 271501 2001-02-01    FALHER A

0991 304001 2001-02-01    BLUESKY A  
0991 304002 2001-02-01    BLUESKY B  
0991 304003 2001-02-01    BLUESKY C  
0991 304004 2003-01-01    BLUESKY D  
0991 304005 2001-02-01    BLUESKY E  
0991 304006 2001-02-01    BLUESKY F  
0991 304008 2001-02-01    BLUESKY H  
0991 304009 2001-02-01    BLUESKY I  
0991 304010 2001-03-01    BLUESKY J  
0991 304011 2003-07-01    BLUESKY K  
0991 304012 2004-10-01    BLUESKY L  
0991 304013 2006-10-01    BLUESKY M  
0991 304014 2007-11-01    BLUESKY N  
0991 304015 2007-11-01    BLUESKY O  
0991 304016 2010-01-01    BLUESKY P  
0991 304017 2011-06-01    BLUESKY Q

0991 326001 2001-02-01    GETHING A  
0991 326002 2001-02-01    GETHING B  
0991 326003 2001-02-01    GETHING C  
0991 326004 2010-08-01    GETHING D  
0991 326005 2005-11-01    GETHING E  
0991 326006 2001-02-01    GETHING F  
0991 326007 2001-02-01    GETHING G  
0991 326008 2001-02-01    GETHING H  
0991 326009 2001-02-01    GETHING I  
0991 326010 2010-04-01    GETHING J  
0991 326011 2010-04-01    GETHING K

**POOL DESIGNATION (cont'd)**

0991 326012 2001-03-01	GETHING L
0991 326013 2001-03-01	GETHING M
0991 326014 2002-03-01	GETHING N
0991 326015 2002-04-01	GETHING O
0991 326016 2002-05-01	GETHING P
0991 326017 2002-12-01	GETHING Q
0991 326018 2006-01-01	GETHING R
0991 326019 2003-03-01	GETHING S
0991 326020 2004-02-01	GETHING T
0991 326021 2004-03-01	GETHING U
0991 326022 2004-06-01	GETHING V
0991 326023 2006-10-01	GETHING W
0991 326024 2010-12-01	GETHING X
0991 326025 2007-11-01	GETHING Y
0991 326026 2007-11-01	GETHING Z
0991 326028 2007-11-01	GETHING BB
0991 326029 2008-06-01	GETHING CC
0991 326030 2008-06-01	GETHING DD
0991 326031 2008-06-01	GETHING EE
0991 326032 2009-02-01	GETHING FF
0991 326033 2008-11-01	GETHING GG
0991 326034 2010-04-01	GETHING HH
0991 326035 2010-05-01	GETHING II
0991 326036 2010-09-01	GETHING JJ
0991 326037 2011-02-01	GETHING KK
0991 326038 2011-06-01	GETHING LL
0991 326039 2011-11-01	GETHING MM
0991 326701 2011-04-01	GETHING-MONTNEY A
0991 508001 2010-04-01	CHARLIE LAKE A
0991 508002 2010-04-01	CHARLIE LAKE B
0991 508003 2006-09-01	CHARLIE LAKE C
0991 508004 2009-09-01	CHARLIE LAKE D
0991 508005 2001-02-01	CHARLIE LAKE E
0991 508007 2010-11-01	CHARLIE LAKE G
0991 508008 2011-09-01	CHARLIE LAKE H
0991 508010 2011-08-01	CHARLIE LAKE J

**POOL DESIGNATION (cont'd)**

0991 508011 2001-02-01 CHARLIE LAKE K  
0991 508012 2001-02-01 CHARLIE LAKE L  
0991 508014 2001-02-01 CHARLIE LAKE N  
0991 508015 2001-02-01 CHARLIE LAKE O  
0991 508016 2010-04-01 CHARLIE LAKE P  
0991 508017 2004-02-01 CHARLIE LAKE Q  
0991 508019 2009-05-01 CHARLIE LAKE S  
0991 508021 2005-03-01 CHARLIE LAKE U  
0991 508027 2010-04-01 CHARLIE LAKE AA  
0991 508031 2007-03-01 CHARLIE LAKE EE  
0991 508034 2007-03-01 CHARLIE LAKE HH  
0991 508036 2007-02-01 CHARLIE LAKE JJ  
0991 508037 2007-04-01 CHARLIE LAKE KK  
0991 508038 2011-09-01 CHARLIE LAKE LL  
0991 508039 2010-09-01 CHARLIE LAKE MM  
0991 508040 2009-06-01 CHARLIE LAKE NN  
0991 508041 2007-12-01 CHARLIE LAKE OO  
0991 508042 2008-02-01 CHARLIE LAKE PP  
0991 508044 2010-08-01 CHARLIE LAKE RR  
0991 508046 2008-08-01 CHARLIE LAKE TT  
0991 508047 2008-09-01 CHARLIE LAKE UU  
0991 508048 2008-10-01 CHARLIE LAKE VV  
0991 508049 2010-02-01 CHARLIE LAKE WW  
0991 508050 2009-01-01 CHARLIE LAKE XX  
0991 508051 2010-04-01 CHARLIE LAKE YY  
0991 508052 2010-04-01 CHARLIE LAKE ZZ  
0991 508701 2010-08-01 CHARLIE LAKE AAA  
0991 508702 2011-11-01 CHARLIE LAKE BBB

0991 524001 2010-04-01 MONTNEY A  
0991 524002 2001-12-01 MONTNEY B  
0991 524003 2010-04-01 MONTNEY C  
0991 524004 2002-09-01 MONTNEY D  
0991 524005 2003-02-01 MONTNEY E  
0991 524007 2005-10-01 MONTNEY G  
0991 524008 2007-12-01 MONTNEY H  
0991 524009 2007-12-01 MONTNEY I  
0991 524010 2007-12-01 MONTNEY J

**POOL DESIGNATION (cont'd)**

0991 524012 2010-11-01	MONTNEY L
0991 556001 2005-12-01	BELLOY A
0991 612001 2005-04-01	DEBOLT A
0991 658001 2001-02-01	D-1 A
0991 658002 2010-04-01	D-1 B
0991 658003 2009-04-01	D-1 C
0991 658004 2008-10-01	D-1 D
0991 658005 2010-08-01	D-1 E
0991 670001 2001-02-01	WINTERBURN A
0991 670002 2008-07-01	WINTERBURN B
0991 670003 2010-05-01	WINTERBURN C
0991 696001 2010-04-01	D-2 A
0991 696002 2001-02-01	D-2 B
0991 696003 2010-07-01	D-2 C
0991 720001 2001-02-01	D-3 A
0991 720002 2010-04-01	D-3 B
0991 720003 2001-02-01	D-3 C
0991 720004 2001-02-01	D-3 D
0991 720005 2001-02-01	D-3 E
0991 720006 2008-09-01	D-3 F
0991 720007 2001-02-01	D-3 G
0991 720008 2001-02-01	D-3 H
0991 720009 2001-02-01	D-3 I
0991 720010 2001-02-01	D-3 J
0991 720011 2001-02-01	D-3 K
0991 720012 2001-02-01	D-3 L
0991 720013 2009-01-01	D-3 M
0991 720014 2001-02-01	D-3 N
0991 720015 2001-02-01	D-3 O
0991 720016 2001-02-01	D-3 P
0991 720017 2001-02-01	D-3 Q
0991 720018 2001-02-01	D-3 R

**POOL DESIGNATION (cont'd)**

0991 720019 2001-02-01 D-3 S  
0991 720020 2001-02-01 D-3 T  
0991 720021 2001-02-01 D-3 U  
0991 720022 2010-04-01 D-3 V  
0991 720023 2001-02-01 D-3 W  
0991 720024 2006-11-01 D-3 X  
0991 720025 2006-09-01 D-3 Y  
0991 720026 2007-05-01 D-3 Z  
0991 720027 2007-12-01 D-3 AA  
0991 720028 2007-12-01 D-3 BB  
0991 720029 2008-09-01 D-3 CC  
0991 720030 2010-02-01 D-3 DD  
0991 720031 2011-04-01 D-3 EE  
0991 720032 2011-10-01 D-3 FF  
0991 720033 2011-10-01 D-3 GG

0991 797501 2008-06-01 GRANITE WASH A  
0991 797502 2008-06-01 GRANITE WASH B  
0991 797503 2008-06-01 GRANITE WASH C  
0991 797504 2008-06-01 GRANITE WASH D  
0991 797505 2008-06-01 GRANITE WASH E  
0991 797506 2008-06-01 GRANITE WASH F

**SPACING PATTERN**

SU 2352 18 Oct 1995  
SU 2352A 21 May 1997  
SU 2352B 10 Dec 1997  
SU 2352C 27 Jun 2000  
SU 2352D 14 Jul 2000  
SU 2352E 20 Jul 2001  
SU 2352F 16 Jun 2004  
SU 2352G 18 Aug 2005  
SU 2352H 5 Dec 2005  
SU 2352I 5 Jun 2006  
SU 2352J 24 Sep 2007

**COMMINGLED PRODUCTION**

MU 7276 20 Nov 2009

**ENHANCED RECOVERY SCHEMES**

App 10241H 16 Sep 2011  
Waterflood  
Charlie Lake H and J  
Birchcliff Energy Ltd.

App 10583D 6 Jul 2010  
Waterflood  
Charlie Lake S  
Crescent Point Energy Corp.

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

App 10921B 1 Dec 2010  
Waterflood  
Charlie Lake H and J  
Crescent Point Energy Corp.

App 11505B 17 Aug 2011  
Waterflood  
Gething - Montney A  
Barrick Energy Inc.

App 11652 17 Jun 2011  
Waterflood  
Montney L  
Ravenwood Energy Corp.

**SUBSURFACE DISPOSAL SCHEMES**

App 3534 12 Apr 1982  
Class II  
Prodeco Oil & Gas Ltd.

App 6017 31 Jul 1989  
App 6017A 23 Apr 1999  
Class II  
Canadian Natural Resources Limited

App 6601B 24 Nov 2011  
Class II  
Crescent Point Energy Corp.

App 6776 13 Mar 1992  
Class II  
Omega Hydrocarbons Ltd.

App 8453A 13 Jan 2012  
Class II  
Bonavista Petroleum Ltd.

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

App 8904 11 Oct 2001  
Class II  
Calpine Canada Resources Ltd.

App 11300A 26 Mar 2009  
Class II  
Black Sea Oil & Gas Ltd.

App 11380A 1 Jun 2011  
Class II  
Sydco Energy Inc.

App 11414A 24 May 2011  
Class II  
Birchcliff Energy Ltd.

App 11436B 4 Oct 2010  
Class II  
Venturion Natural Resources Limited

**FIELD DESIGNATION**

0992 2009-11-01                      WRENTHAM FIELD

**POOL DESIGNATION**

0992 204001 2001-02-01      BARONS A  
0992 204002 2001-03-01      BARONS B

0992 213001 2001-02-01      BOW ISLAND A  
0992 213002 2005-05-01      BOW ISLAND B

0992 300002 2011-09-01      GLAUCONITIC B  
0992 300003 2001-02-01      GLAUCONITIC C

0992 310002 2001-02-01      LOWER MANNVILLE B  
0992 310003 2010-04-01      LOWER MANNVILLE C  
0992 310005 2011-04-01      LOWER MANNVILLE E  
0992 310006 2010-04-01      LOWER MANNVILLE F  
0992 310007 2011-02-01      LOWER MANNVILLE G  
0992 310009 2010-04-01      LOWER MANNVILLE I

0992 346001 2001-02-01      TABER A

**SPACING PATTERN**

SU 4112            15 Sep 2003  
SU 4112A          27 Sep 2004  
SU 4112B          3 Dec 2004  
SU 4112C          8 Dec 2004  
SU 4112D          1 Dec 2005  
SU 4112E          5 Apr 2006

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

**ENHANCED RECOVERY SCHEMES**

App 3184          3 Dec 1980  
App 3184A        1 Mar 1991  
Waterflood  
Lower Mannville C  
Harbour Petroleum Company Limited

App 8166I        8 Apr 2011  
Waterflood  
Lower Mannville F  
Husky Oil Operations Limited

App 8228          7 Oct 1997  
App 8228A        13 Feb 1998  
App 8228B        7 Feb 2001  
Waterflood  
Lower Mannville G  
Husky Oil Operations Limited

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

App 8715B 31 Jul 2009  
Waterflood  
Lower Mannville C  
Husky Oil Operations Limited

App 8716C 31 Jul 2009  
Waterflood  
Lower Mannville B  
Husky Oil Operations Limited

App 10230B 4 Jan 2011  
Waterflood  
Lower Mannville E  
Husky Oil Operations Limited

**SUBSURFACE DISPOSAL SCHEMES**

App 4243 21 Jun 1984  
App 4243A 26 Oct 1984  
App 4243B 29 Sep 1988  
Class II  
Anadarko Petroleum of Canada Ltd.

App 7336 13 Oct 1993  
App 7336A 13 Nov 1998  
Class II  
Renaissance Energy Ltd.

App 8916 11 Oct 2001  
Class II  
Husky Oil Operations Limited