

FIELD DESIGNATION

0812 2014-06-01 SADDLE HILLS FIELD

POOL DESIGNATION

0812 192001 2001-02-01 DUNVEGAN A
0812 192002 2001-02-01 DUNVEGAN B

0812 230002 2001-02-01 PADDY B

0812 232004 2010-04-01 CADOTTE D
0812 232005 2007-08-01 CADOTTE E

0812 304002 2001-02-01 BLUESKY B
0812 304003 2001-02-01 BLUESKY C
0812 304004 2011-04-01 BLUESKY D
0812 304006 2002-05-01 BLUESKY F
0812 304007 2007-06-01 BLUESKY G
0812 304008 2009-09-01 BLUESKY H

0812 326001 2001-02-01 GETHING A
0812 326002 2003-06-01 GETHING B

0812 348001 2001-02-01 CADOMIN A
0812 348002 2001-02-01 CADOMIN B
0812 348004 2001-02-01 CADOMIN D
0812 348005 2010-04-01 CADOMIN E
0812 348006 2009-07-01 CADOMIN F
0812 348007 2010-06-01 CADOMIN G

0812 508001 2010-04-01 CHARLIE LAKE A
0812 508002 2001-02-01 CHARLIE LAKE B
0812 508003 2003-01-01 CHARLIE LAKE C
0812 508004 2001-02-01 CHARLIE LAKE D
0812 508005 2001-02-01 CHARLIE LAKE E
0812 508006 2010-04-01 CHARLIE LAKE F
0812 508007 2004-04-01 CHARLIE LAKE G

POOL DESIGNATION (cont'd)

0812 516002 2001-02-01 HALFWAY B
0812 524001 2001-02-01 MONTNEY A
0812 556001 2002-12-01 BELLOY A
0812 556002 2003-01-01 BELLOY B
0812 556003 2003-05-01 BELLOY C
0812 606001 2004-12-01 KISKATINAW A
0812 606002 2010-08-01 KISKATINAW B
0812 606003 2009-07-01 KISKATINAW C
0812 658001 2007-08-01 WABAMUN A
0812 658002 2006-05-01 WABAMUN B

SPACING PATTERN

SU 3038 13 Jul 2001
SU 3038A 18 Jan 2002
SU 3038B 19 Mar 2002
SU 3038C 29 Jul 2003
SU 3038D 4 Apr 2006

COMMINGLED PRODUCTION

MU 6849 22 Apr 2008

SUBSURFACE DISPOSAL SCHEMES

App 10840A 4 Sep 2009
Class II
Canadian Natural Resources Limited

FIELD DESIGNATION

0814 2008-10-01 SAKWATAMAU FIELD

POOL DESIGNATION

0814 106001 2005-08-01 EDMONTON A
0814 106002 2008-05-01 EDMONTON B
0814 106003 2008-10-01 EDMONTON C
0814 106004 2009-01-01 EDMONTON D

0814 126001 2001-02-01 BELLY RIVER A
0814 126002 2001-02-01 BELLY RIVER B
0814 126003 2001-02-01 BELLY RIVER C
0814 126004 2001-03-01 BELLY RIVER D
0814 126005 2002-11-01 BELLY RIVER E

0814 218001 2002-05-01 VIKING A
0814 218002 2004-02-01 VIKING B
0814 218003 2005-03-01 VIKING C
0814 218004 2005-11-01 VIKING D
0814 218005 2010-05-01 VIKING E

0814 250001 2001-02-01 UPPER MANNVILLE A
0814 250002 2010-05-01 UPPER MANNVILLE B
0814 250003 2010-04-01 UPPER MANNVILLE C
0814 250004 2005-11-01 UPPER MANNVILLE D
0814 250005 2006-05-01 UPPER MANNVILLE E
0814 250006 2007-09-01 UPPER MANNVILLE F
0814 250007 2008-02-01 UPPER MANNVILLE G
0814 250008 2008-11-01 UPPER MANNVILLE H
0814 250009 2008-10-01 UPPER MANNVILLE I

0814 326001 2001-02-01 GETHING A
0814 326002 2001-02-01 GETHING B
0814 326003 2001-02-01 GETHING C
0814 326004 2001-02-01 GETHING D
0814 326005 2001-02-01 GETHING E

POOL DESIGNATION (cont'd)

0814 326006 2010-04-01	GETHING F
0814 326007 2002-06-01	GETHING G
0814 326008 2002-06-01	GETHING H
0814 326009 2002-06-01	GETHING I
0814 326010 2003-06-01	GETHING J
0814 326011 2004-11-01	GETHING K
0814 326012 2006-02-01	GETHING L
0814 326013 2013-07-01	GETHING M
0814 524001 2003-07-01	MONTNEY A
0814 556001 2001-02-01	BELLOY A
0814 556002 2001-02-01	BELLOY B
0814 556003 2013-07-01	BELLOY C
0814 640001 2001-02-01	SHUNDA A
0814 744001 2016-01-01	BEAVERHILL LAKE A
0814 744002 2001-02-01	BEAVERHILL LAKE B
0814 744004 2010-04-01	BEAVERHILL LAKE D
0814 744005 2004-12-01	BEAVERHILL LAKE E
0814 744006 2006-06-01	BEAVERHILL LAKE F
0814 744007 2006-06-01	BEAVERHILL LAKE G
0814 744008 2014-03-01	BEAVERHILL LAKE H

SPACING PATTERN

SU 2978 12 May 2000

COMMINGLED PRODUCTION

MU 2763 1 Nov 2002

SUBSURFACE DISPOSAL SCHEMES

App 9441A 25 May 2012
Class II
Anterra Energy Inc.

FIELD DESIGNATION

0811 2010-03-01 SALESKI FIELD

POOL DESIGNATION

0811 306001 2010-04-01 WABISKAW A

0811 328001 2010-04-01 MCMURRAY A

0811 328002 2012-12-01 MCMURRAY B

0811 328003 2008-04-01 MCMURRAY C

0811 716001 2010-04-01 GROSMONT A

0811 716002 2010-04-01 GROSMONT B

0811 716003 2001-05-01 GROSMONT C

0811 716005 2001-11-01 GROSMONT E

0811 716006 2011-08-01 GROSMONT F

SPACING PATTERN

SU 2741 7 May 1996

COMMINGLED PRODUCTION

MU 1089 1 Jun 1994

SUBSURFACE DISPOSAL SCHEMES

App 7728A 8 Mar 2012

Class II

Perpetual Energy Operating Corp.

App 9598 16 Sep 2003

Class II

Canadian Natural Resources Limited

FIELD DESIGNATION

1241 2008-08-01 SALT CREEK FIELD

POOL DESIGNATION

1241 758001 2001-02-01 SLAVE POINT A

1241 765501 2008-06-01 GILWOOD A

1241 765502 2009-03-01 GILWOOD B

SPACING PATTERN

SU 4270 28 Jan 2005

SUBSURFACE DISPOSAL SCHEMES

App 2802A 16 Jul 2014
Class II
Prince Resource Corporation

EXPERIMENTAL SCHEMES

App 12009 21 Jan 2013
Pekisko
Barrick Energy Inc.
Expires 1 Feb 2015

FIELD DESIGNATION

0815 2002-06-01 SALTER FIELD

POOL DESIGNATION

0815 610001 2010-04-01 RUNDLE A

0815 610002 2002-06-01 RUNDLE B

FIELD DESIGNATION

0816 2010-03-01 SAMSON FIELD

POOL DESIGNATION

0816 124001 2002-09-01 BEARPAW A
0816 124002 2002-07-01 BEARPAW B
0816 124003 2002-07-01 BEARPAW C
0816 124004 2002-07-01 BEARPAW D
0816 124005 2003-02-01 BEARPAW E

0816 126002 2001-02-01 BELLY RIVER B
0816 126003 2001-02-01 BELLY RIVER C
0816 126004 2001-02-01 BELLY RIVER D
0816 126008 2002-06-01 BELLY RIVER H
0816 126009 2003-05-01 BELLY RIVER I

0816 134001 2010-04-01 BASAL BELLY RIVER A

0816 244001 2001-06-01 BLAIRMORE A
0816 244003 2001-02-01 BLAIRMORE C
0816 244004 2001-02-01 BLAIRMORE D
0816 244005 2001-02-01 BLAIRMORE E
0816 244006 2001-02-01 BLAIRMORE F
0816 244007 2010-04-01 BLAIRMORE G
0816 244008 2001-02-01 BLAIRMORE H
0816 244009 2001-02-01 BLAIRMORE I
0816 244010 2001-08-01 BLAIRMORE J
0816 244011 2002-02-01 BLAIRMORE K
0816 244012 2001-07-01 BLAIRMORE L
0816 244013 2002-02-01 BLAIRMORE M
0816 244014 2002-02-01 BLAIRMORE N
0816 244015 2001-10-01 BLAIRMORE O
0816 244016 2001-10-01 BLAIRMORE P
0816 244017 2002-02-01 BLAIRMORE Q
0816 244018 2002-06-01 BLAIRMORE R
0816 244019 2002-09-01 BLAIRMORE S

POOL DESIGNATION (cont'd)

0816 250001	2009-03-01	UPPER MANNVILLE A
0816 250002	2013-02-01	UPPER MANNVILLE B
0816 300001	2010-04-01	GLAUCONITIC A
0816 300002	2001-03-01	GLAUCONITIC B
0816 300003	2001-06-01	GLAUCONITIC C
0816 336001	2011-12-01	ELLERSLIE A

SPACING PATTERN

SU 2939	14 Sep 1999
SU 2939A	8 Jan 2001
SU 2939B	12 Feb 2001
SU 2939C	13 Jul 2001
SU 2939D	19 Nov 2001

COMMINGLED PRODUCTION

MU 6730	4 Oct 2007
---------	------------

SUBSURFACE DISPOSAL SCHEMES

App 12652A 8 Sep 2017
Class II
Enercapita Energy Ltd.

App 3435A 16 Jul 2014
Class II
Samson Oil and Gas Inc.

App 11101 8 Jan 2008
Class II
Canadian Natural Resources Limited

FIELD DESIGNATION

0818 2008-04-01 SANDY FIELD

POOL DESIGNATION

0818 262001 2008-06-01 GRAND RAPIDS A

0818 306001 2001-02-01 WABISKAW A

0818 306002 2008-04-01 WABISKAW B

0818 306003 2008-05-01 WABISKAW C

FIELD DESIGNATION

0817 2011-09-01 SANGUDO FIELD

POOL DESIGNATION

0817 444001 2001-02-01 NORDEGG A
0817 444002 2010-04-01 NORDEGG B
0817 444003 2001-02-01 NORDEGG C
0817 444004 2010-04-01 NORDEGG D
0817 444005 2001-03-01 NORDEGG E

0817 644001 2011-04-01 BANFF A
0817 644002 2001-02-01 BANFF B
0817 644003 2013-07-01 BANFF C

MISCELLANEOUS ORDERS

MISC 6203 1 Feb 1972
Gas production allow
Shell Home Sarcee No. 1

COMMINGLED PRODUCTION

MU 1697 5 Jan 1999

FIELD DESIGNATION

0819 2008-01-01 SARAH FIELD

POOL DESIGNATION

0819 326001 2010-04-01 GETHING A

0819 326002 2008-04-01 GETHING B

0819 336001 2004-11-01 ELLERSLIE A

FIELD DESIGNATION

0820 2006-06-01 SARCEE FIELD

POOL DESIGNATION

0820 134001 2005-07-01 BASAL BELLY RIVER A

0820 176001 2002-07-01 CARDIUM A

0820 244001 2009-03-01 BLAIRMORE A

0820 610001 2010-04-01 RUNDLE A

0820 610002 2001-02-01 RUNDLE B

SPACING PATTERN

SU 2735B 3 Aug 2005

FIELD DESIGNATION

0823 2009-06-01 SAUNDERS FIELD

POOL DESIGNATION

0823 610002 2010-04-01 RUNDLE B

FIELD DESIGNATION

0824 2001-02-01 SAVANNA CREEK FIELD

POOL DESIGNATION

0824 610001 2010-04-01 RUNDLE A
0824 610002 2014-03-01 RUNDLE B
0824 610003 2007-09-01 RUNDLE C
0824 610004 2007-09-01 RUNDLE D
0824 610005 2011-02-01 RUNDLE E
0824 610006 2009-04-01 RUNDLE F

SPACING PATTERN

SU 2738 3 Apr 1996

COMMINGLED PRODUCTION

MU 4154 7 Mar 2005

FIELD DESIGNATION

0825 2008-07-01 SAWDY FIELD

POOL DESIGNATION

0825 262001 2001-02-01 GRAND RAPIDS A
0825 262002 2001-02-01 GRAND RAPIDS B
0825 262003 2001-02-01 GRAND RAPIDS C
0825 262004 2001-02-01 GRAND RAPIDS D
0825 262005 2004-07-01 GRAND RAPIDS E
0825 262006 2013-05-01 GRAND RAPIDS F
0825 262007 2005-01-01 GRAND RAPIDS G
0825 262008 2005-01-01 GRAND RAPIDS H
0825 262009 2005-01-01 GRAND RAPIDS I
0825 262010 2005-01-01 GRAND RAPIDS J
0825 262011 2005-01-01 GRAND RAPIDS K
0825 262012 2010-04-01 GRAND RAPIDS L
0825 262013 2006-04-01 GRAND RAPIDS M
0825 262014 2007-12-01 GRAND RAPIDS N
0825 262015 2008-01-01 GRAND RAPIDS O
0825 262016 2011-01-01 GRAND RAPIDS P
0825 262017 2013-06-01 GRAND RAPIDS Q
0825 262018 2013-07-01 GRAND RAPIDS R
0825 262019 2013-07-01 GRAND RAPIDS S

0825 276001 2013-05-01 SPARKY A
0825 276002 2007-09-01 SPARKY B

0825 658001 2006-04-01 WABAMUN A

COMMINGLED PRODUCTION

MU 5265 9 Feb 2006

FIELD DESIGNATION

0766 2012-12-01 SAWN LAKE FIELD

POOL DESIGNATION

0766 658001 2004-12-01 WABAMUN A

0766 758001 2010-04-01 SLAVE POINT A
0766 758010 2015-04-01 SLAVE POINT J
0766 758017 2008-10-01 SLAVE POINT Q
0766 758018 2008-10-01 SLAVE POINT R
0766 758019 2013-04-01 SLAVE POINT S
0766 758020 2013-07-01 SLAVE POINT T

0766 765501 2008-06-01 GILWOOD A

SPACING PATTERN

SU 2471 24 Jan 1996
SU 2471A 12 Jun 1997
SU 2471B 18 Nov 1997
SU 2471C 21 Jan 2002
SU 2471D 9 Jul 2004

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

App 12165D 17 Apr 2017
Waterflood
Slave Point J Pool
Mount Bastion Oil & Gas

ENHANCED RECOVERY SCHEMES

App 9271G 30 May 2016
Waterflood
Slave Point J
Mount Bastion Oil & Gas

App 10941D 27 May 2016
Waterflood
Slave Point A
Mount Bastion Oil & Gas

SUBSURFACE DISPOSAL SCHEMES

App 12169 8 Nov 2013
Waterflood
Wabamun A
Andora Energy Corporation

App 12376 11 Mar 2015
Waterflood
Slave Point J
Mancal Energy Inc.

FIELD DESIGNATION

1244 2015-03-01 SAXON FIELD

POOL DESIGNATION

1244 176001 2010-04-01 CARDIUM A

1244 192008 2010-04-01 DUNVEGAN H

1244 192015 2011-03-01 DUNVEGAN O

1244 326006 2010-04-01 GETHING F

1244 326008 2007-08-01 GETHING H

1244 326019 2011-02-01 GETHING S

FIELD DESIGNATION

0827 2005-10-01 SEAL FIELD

POOL DESIGNATION

0827 228001 2011-01-01 PEACE RIVER A

0827 264001 2011-03-01 SPIRIT RIVER A

0827 264002 2005-09-01 SPIRIT RIVER B

0827 264003 2007-11-01 SPIRIT RIVER C

0827 264004 2010-04-01 SPIRIT RIVER D

0827 264005 2004-06-01 SPIRIT RIVER E

0827 264006 2007-10-01 SPIRIT RIVER F

0827 264007 2007-10-01 SPIRIT RIVER G

0827 264008 2008-05-01 SPIRIT RIVER H

0827 264009 2010-05-01 SPIRIT RIVER I

0827 304001 2007-10-01 BLUESKY A

0827 612001 2010-04-01 DEBOLT A

0827 612002 2001-02-01 DEBOLT B

0827 612003 2001-02-01 DEBOLT C

0827 612004 2010-04-01 DEBOLT D

0827 612005 2010-04-01 DEBOLT E

0827 612006 2010-04-01 DEBOLT F

0827 612007 2004-01-01 DEBOLT G

0827 612008 2004-08-01 DEBOLT H

0827 612009 2005-10-01 DEBOLT I

0827 612010 2008-05-01 DEBOLT J

0827 758001 2010-04-01 SLAVE POINT A

0827 758002 2010-04-01 SLAVE POINT B

0827 758003 2003-07-01 SLAVE POINT C

0827 758004 2010-04-01 SLAVE POINT D

0827 758005 2001-02-01 SLAVE POINT E

0827 758006 2001-02-01 SLAVE POINT F

0827 758007 2006-12-01 SLAVE POINT G

POOL DESIGNATION (cont'd)

0827 758008 2010-04-01	SLAVE POINT H
0827 758009 2001-02-01	SLAVE POINT I
0827 758010 2001-02-01	SLAVE POINT J
0827 758011 2001-02-01	SLAVE POINT K
0827 758012 2001-10-01	SLAVE POINT L
0827 758013 2001-02-01	SLAVE POINT M
0827 758014 2004-02-01	SLAVE POINT N
0827 758015 2003-10-01	SLAVE POINT O

SPACING PATTERN

SU 2496 17 Jan 1996

COMMINGLED PRODUCTION

MU 8023 2 Sep 2011

SUBSURFACE DISPOSAL SCHEMES

App 11058E 17 Nov 2015
Class II
Summerland Energy Inc.

App 11353C 31 Oct 2012
Class II
Murphy Oil Company Ltd.

FIELD DESIGNATION

0828 2016-10-01 SEDALIA FIELD

POOL DESIGNATION

0828 126001 2003-01-01 BELLY RIVER A
0828 126002 2001-02-01 BELLY RIVER B
0828 126004 2006-01-01 BELLY RIVER D
0828 126008 2001-02-01 BELLY RIVER H
0828 126010 2010-04-01 BELLY RIVER J
0828 126011 2001-02-01 BELLY RIVER K
0828 126014 2001-02-01 BELLY RIVER N
0828 126015 2001-02-01 BELLY RIVER O
0828 126016 2001-02-01 BELLY RIVER P
0828 126017 2001-02-01 BELLY RIVER Q
0828 126019 2001-02-01 BELLY RIVER S
0828 126020 2001-02-01 BELLY RIVER T
0828 126021 2001-02-01 BELLY RIVER U
0828 126022 2001-02-01 BELLY RIVER V
0828 126023 2001-02-01 BELLY RIVER W
0828 126024 2001-02-01 BELLY RIVER X
0828 126025 2001-02-01 BELLY RIVER Y
0828 126026 2001-02-01 BELLY RIVER Z
0828 126027 2001-03-01 BELLY RIVER AA
0828 126028 2001-03-01 BELLY RIVER BB
0828 126029 2003-11-01 BELLY RIVER CC
0828 126030 2003-02-01 BELLY RIVER DD
0828 126032 2004-02-01 BELLY RIVER FF
0828 126033 2004-11-01 BELLY RIVER GG
0828 126034 2005-02-01 BELLY RIVER HH
0828 126035 2005-10-01 BELLY RIVER II
0828 126036 2005-10-01 BELLY RIVER JJ
0828 126037 2006-05-01 BELLY RIVER KK
0828 126038 2006-10-01 BELLY RIVER LL
0828 126039 2009-03-01 BELLY RIVER MM
0828 126040 2010-02-01 BELLY RIVER NN
0828 126041 2015-07-01 BELLY RIVER OO

POOL DESIGNATION (cont'd)

0828 126042 2015-07-01	BELLY RIVER PP
0828 134001 2010-04-01	BASAL BELLY RIVER A
0828 134002 2005-07-01	BASAL BELLY RIVER B
0828 134003 2006-10-01	BASAL BELLY RIVER C
0828 136001 2001-02-01	VICTORIA A
0828 136002 2001-02-01	VICTORIA B
0828 136003 2001-02-01	VICTORIA C
0828 158004 2010-03-01	MILK RIVER D
0828 160001 2010-12-01	COLORADO A
0828 164001 2009-10-01	MEDICINE HAT A
0828 186001 2009-12-01	SECOND WHITE SPECKS A
0828 186002 2012-07-01	SECOND WHITE SPECKS B
0828 186003 2015-07-01	SECOND WHITE SPECKS C
0828 186004 2015-07-01	SECOND WHITE SPECKS D
0828 202001 2010-12-01	FISH SCALE A
0828 218002 2010-04-01	VIKING B
0828 218003 2010-04-01	VIKING C
0828 218004 2001-02-01	VIKING D
0828 218005 2010-04-01	VIKING E
0828 218006 2010-02-01	VIKING F
0828 218007 2008-12-01	VIKING G
0828 218008 2001-02-01	VIKING H
0828 218009 2001-02-01	VIKING I
0828 218010 2002-10-01	VIKING J
0828 218011 2010-04-01	VIKING K
0828 218012 2001-03-01	VIKING L
0828 218013 2003-03-01	VIKING M
0828 218014 2003-08-01	VIKING N
0828 218015 2004-05-01	VIKING O
0828 218016 2006-03-01	VIKING P

POOL DESIGNATION (cont'd)

0828 218017 2004-07-01	VIKING Q
0828 218018 2005-02-01	VIKING R
0828 218019 2005-10-01	VIKING S
0828 218020 2006-02-01	VIKING T
0828 218021 2006-05-01	VIKING U
0828 218022 2007-05-01	VIKING V
0828 218023 2008-11-01	VIKING W
0828 218024 2009-01-01	VIKING X
0828 218025 2009-03-01	VIKING Y
0828 218026 2010-03-01	VIKING Z
0828 218027 2010-11-01	VIKING AA
0828 218028 2012-12-01	VIKING BB
0828 218029 2016-12-01	VIKING CC
0828 218030 2013-09-01	VIKING DD
0828 218031 2015-07-01	VIKING EE
0828 218032 2015-07-01	VIKING FF
0828 218033 2015-07-01	VIKING GG
0828 218034 2015-07-01	VIKING HH
0828 218035 2015-07-01	VIKING II
0828 218036 2015-07-01	VIKING JJ
0828 218037 2015-07-01	VIKING KK
0828 218038 2015-07-01	VIKING LL
0828 218039 2015-07-01	VIKING MM
0828 218040 2015-07-01	VIKING NN
0828 218041 2015-07-01	VIKING OO
0828 250004 2005-09-01	UPPER MANNVILLE D
0828 250007 2001-02-01	UPPER MANNVILLE G
0828 250008 2008-12-01	UPPER MANNVILLE H
0828 250009 2010-04-01	UPPER MANNVILLE I
0828 250011 2003-01-01	UPPER MANNVILLE K
0828 250012 2002-10-01	UPPER MANNVILLE L
0828 250013 2003-03-01	UPPER MANNVILLE M
0828 250014 2013-09-01	UPPER MANNVILLE N
0828 250015 2003-03-01	UPPER MANNVILLE O
0828 250017 2010-02-01	UPPER MANNVILLE Q
0828 250018 2004-07-01	UPPER MANNVILLE R
0828 250019 2004-07-01	UPPER MANNVILLE S

POOL DESIGNATION (cont'd)

0828 250020 2004-07-01	UPPER MANNVILLE T
0828 250021 2005-02-01	UPPER MANNVILLE U
0828 250022 2005-02-01	UPPER MANNVILLE V
0828 250023 2005-02-01	UPPER MANNVILLE W
0828 250024 2005-02-01	UPPER MANNVILLE X
0828 250025 2010-02-01	UPPER MANNVILLE Y
0828 250026 2005-07-01	UPPER MANNVILLE Z
0828 250027 2005-12-01	UPPER MANNVILLE AA
0828 250028 2006-05-01	UPPER MANNVILLE BB
0828 250029 2006-05-01	UPPER MANNVILLE CC
0828 250030 2007-09-01	UPPER MANNVILLE DD
0828 250031 2007-09-01	UPPER MANNVILLE EE
0828 250032 2008-10-01	UPPER MANNVILLE FF
0828 250033 2010-03-01	UPPER MANNVILLE GG
0828 250034 2010-03-01	UPPER MANNVILLE HH
0828 250035 2010-05-01	UPPER MANNVILLE II
0828 250036 2011-06-01	UPPER MANNVILLE JJ
0828 250037 2015-07-01	UPPER MANNVILLE KK
0828 250038 2015-07-01	UPPER MANNVILLE LL
0828 250039 2015-07-01	UPPER MANNVILLE MM
0828 250040 2015-07-01	UPPER MANNVILLE NN
0828 250041 2015-07-01	UPPER MANNVILLE OO
0828 250042 2015-07-01	UPPER MANNVILLE PP
0828 250043 2015-07-01	UPPER MANNVILLE QQ
0828 250044 2015-07-01	UPPER MANNVILLE RR
0828 250045 2015-07-01	UPPER MANNVILLE SS
0828 250046 2015-07-01	UPPER MANNVILLE TT
0828 250047 2015-07-01	UPPER MANNVILLE UU
0828 256001 2015-07-01	COLONY A
0828 256002 2015-07-01	COLONY B
0828 256004 2015-07-01	COLONY D
0828 256005 2015-07-01	COLONY E
0828 256008 2015-07-01	COLONY H
0828 256009 2015-07-01	COLONY I
0828 256010 2015-07-01	COLONY J
0828 256011 2015-07-01	COLONY K

POOL DESIGNATION (cont'd)

0828 300001	2015-07-01	GLAUCONITIC A
0828 300002	2015-07-01	GLAUCONITIC B
0828 310001	2001-02-01	LOWER MANNVILLE A
0828 310002	2010-09-01	LOWER MANNVILLE B
0828 310003	2001-02-01	LOWER MANNVILLE C
0828 310004	2004-02-01	LOWER MANNVILLE D
0828 310005	2005-02-01	LOWER MANNVILLE E
0828 310006	2005-10-01	LOWER MANNVILLE F
0828 310007	2010-03-01	LOWER MANNVILLE G
0828 350001	2015-07-01	DETRITAL A
0828 350002	2015-07-01	DETRITAL B
0828 350003	2015-07-01	DETRITAL C
0828 350004	2015-07-01	DETRITAL D
0828 350005	2015-07-01	DETRITAL E
0828 350006	2015-07-01	DETRITAL F
0828 350007	2015-07-01	DETRITAL G
0828 350008	2015-07-01	DETRITAL H
0828 350009	2015-07-01	DETRITAL I
0828 350010	2015-07-01	DETRITAL J
0828 350011	2015-07-01	DETRITAL K
0828 350012	2015-07-01	DETRITAL L
0828 644001	2001-02-01	BANFF A
0828 644002	2015-07-01	BANFF B
0828 644003	2015-07-01	BANFF C
0828 646001	2010-06-01	BAKKEN A
0828 646002	2015-07-01	BAKKEN B
0828 646003	2015-07-01	BAKKEN C
0828 646004	2015-07-01	BAKKEN D
0828 646005	2015-07-01	BAKKEN E
0828 646006	2015-07-01	BAKKEN F
0828 646007	2015-07-01	BAKKEN G
0828 646008	2015-07-01	BAKKEN H
0828 646009	2015-07-01	BAKKEN I
0828 646010	2015-07-01	BAKKEN J

POOL DESIGNATION (cont'd)

0828 646011	2015-07-01	BAKKEN K
0828 646012	2015-07-01	BAKKEN L
0828 646013	2015-07-01	BAKKEN M
0828 646015	2015-07-01	BAKKEN O
0828 646016	2015-07-01	BAKKEN P
0828 646017	2015-07-01	BAKKEN Q
0828 853600	2012-07-01	MFP8536 MILK RIVER

SPACING PATTERN

SU 2755	1 May 1996
SU 2755A	22 Oct 2004
SU 2755B	17 Dec 2004
SU 2755C	17 Jan 2005

COMMINGLED PRODUCTION

MU 8744	7 Jul 2015
---------	------------

FIELD DESIGNATION

0832 2007-12-01 SEDGEWICK FIELD

POOL DESIGNATION

0832 218001 2010-04-01 VIKING A
0832 218002 2012-04-01 VIKING B

0832 250001 2001-02-01 UPPER MANNVILLE A
0832 250002 2002-09-01 UPPER MANNVILLE B
0832 250003 2004-12-01 UPPER MANNVILLE C
0832 250005 2006-12-01 UPPER MANNVILLE E
0832 250006 2007-08-01 UPPER MANNVILLE F
0832 250007 2010-04-01 UPPER MANNVILLE G

0832 320003 2001-06-01 BASAL MANNVILLE C
0832 320004 2001-02-01 BASAL MANNVILLE D
0832 320005 2001-02-01 BASAL MANNVILLE E
0832 320006 2002-09-01 BASAL MANNVILLE F
0832 320007 2010-04-01 BASAL MANNVILLE G
0832 320008 2014-05-01 BASAL MANNVILLE H

0832 851800 2011-12-01 MFP8518 U&M VIKING

SPACING PATTERN

SU 2818 17 Jun 1997
SU 2818A 10 Dec 1997
SU 2818B 26 Jul 2002
SU 2818C 20 Sep 2002
SU 2818D 25 Apr 2003
SU 2818E 15 Mar 2004
SU 2818F 22 Aug 2006

ENHANCED RECOVERY SCHEMES

App 9121H 6 Jun 2017
Waterflood
Basal Mannville C
Cleo Energy Corp.

SUBSURFACE DISPOSAL SCHEMES

App 1337 17 Aug 1970

COMMINGLED PRODUCTION

MU 6421 8 Mar 2007

FIELD DESIGNATION

0840 2012-11-01 SEIU LAKE FIELD

POOL DESIGNATION

0840 158001 2011-01-01 MILK RIVER A

0840 218001 2001-02-01 VIKING A

0840 218002 2001-02-01 VIKING B

0840 218003 2010-04-01 VIKING C

0840 218005 2001-02-01 VIKING E

0840 218006 2001-02-01 VIKING F

0840 218007 2002-06-01 VIKING G

0840 218008 2005-01-01 VIKING H

0840 218009 2002-06-01 VIKING I

0840 218011 2010-04-01 VIKING K

0840 218012 2013-07-01 VIKING L

0840 242001 2001-07-01 BASAL COLORADO A

0840 250001 2010-08-01 UPPER MANNVILLE A

0840 250002 2001-02-01 UPPER MANNVILLE B

0840 250006 2010-10-01 UPPER MANNVILLE F

0840 250008 2001-12-01 UPPER MANNVILLE H

0840 250012 2002-04-01 UPPER MANNVILLE L

0840 250013 2002-11-01 UPPER MANNVILLE M

0840 250014 2002-12-01 UPPER MANNVILLE N

0840 250022 2010-04-01 UPPER MANNVILLE V

0840 250023 2010-04-01 UPPER MANNVILLE W

0840 250024 2008-11-01 UPPER MANNVILLE X

0840 250027 2009-04-01 UPPER MANNVILLE AA

0840 250029 2009-06-01 UPPER MANNVILLE CC

0840 250030 2009-11-01 UPPER MANNVILLE DD

0840 250031 2010-03-01 UPPER MANNVILLE EE

0840 250032 2011-12-01 UPPER MANNVILLE FF

0840 250033 2013-04-01 UPPER MANNVILLE GG

POOL DESIGNATION (cont'd)

0840 310004 2001-02-01	LOWER MANNVILLE D
0840 310006 2010-08-01	LOWER MANNVILLE F
0840 310007 2001-02-01	LOWER MANNVILLE G
0840 310010 2001-02-01	LOWER MANNVILLE J
0840 310011 2001-02-01	LOWER MANNVILLE K
0840 310012 2001-02-01	LOWER MANNVILLE L
0840 310013 2001-03-01	LOWER MANNVILLE M
0840 310014 2001-03-01	LOWER MANNVILLE N
0840 310015 2001-04-01	LOWER MANNVILLE O
0840 310016 2001-12-01	LOWER MANNVILLE P
0840 310017 2001-12-01	LOWER MANNVILLE Q
0840 310019 2002-01-01	LOWER MANNVILLE S
0840 310020 2002-02-01	LOWER MANNVILLE T
0840 310022 2002-02-01	LOWER MANNVILLE V
0840 310023 2002-11-01	LOWER MANNVILLE W
0840 310024 2002-12-01	LOWER MANNVILLE X
0840 310025 2010-04-01	LOWER MANNVILLE Y
0840 310026 2010-04-01	LOWER MANNVILLE Z
0840 310029 2011-09-01	LOWER MANNVILLE CC
0840 310030 2009-01-01	LOWER MANNVILLE DD
0840 310031 2011-12-01	LOWER MANNVILLE EE
0840 310032 2009-10-01	LOWER MANNVILLE FF
0840 310033 2010-02-01	LOWER MANNVILLE GG
0840 310034 2010-02-01	LOWER MANNVILLE HH
0840 310035 2010-05-01	LOWER MANNVILLE II
0840 310036 2011-12-01	LOWER MANNVILLE JJ
0840 310037 2011-12-01	LOWER MANNVILLE KK
0840 310038 2013-02-01	LOWER MANNVILLE LL
0840 310039 2013-01-01	LOWER MANNVILLE MM
0840 310040 2014-09-01	LOWER MANNVILLE NN
0840 642001 2001-02-01	PEKISKO A
0840 642002 2012-04-01	PEKISKO B
0840 850200 2011-09-01	MFP8502 MED HAT
0840 850600 2011-09-01	MFP8506 BELLY RIVER

POOL DESIGNATION (cont'd)

0840 851900 2012-03-01 MFP8519 GLAUCONITIC

0840 854300 2011-09-01 MFP8543 BSL BELLY RIV

SPACING PATTERN

SU 4125 13 Nov 2003

SU 4125A 30 Apr 2004

SU 4125B 23 Jun 2004

SU 4125C 5 Apr 2005

SU 4125D 31 Oct 2005

SU 4125E 16 Nov 2005

SU 4125F 23 Feb 2006

SU 4125G 6 Sep 2007

COMMINGLED PRODUCTION

MU 8452 26 Nov 2012

FIELD DESIGNATION

0834 2007-10-01 SENEX FIELD

POOL DESIGNATION

0834 304001 2005-11-01 BLUESKY A
0834 304002 2005-11-01 BLUESKY B
0834 304003 2006-08-01 BLUESKY C
0834 304004 2008-02-01 BLUESKY D

0834 758001 2010-04-01 SLAVE POINT A
0834 758002 2010-07-01 SLAVE POINT B
0834 758003 2005-09-01 SLAVE POINT C
0834 758004 2010-04-01 SLAVE POINT D

0834 772101 2008-06-01 KEG RIVER A
0834 772102 2010-04-01 KEG RIVER B
0834 772103 2010-04-01 KEG RIVER C
0834 772108 2010-04-01 KEG RIVER H
0834 772109 2010-04-01 KEG RIVER I
0834 772111 2008-06-01 KEG RIVER K
0834 772112 2008-06-01 KEG RIVER L
0834 772113 2008-06-01 KEG RIVER M
0834 772114 2010-07-01 KEG RIVER N
0834 772115 2008-06-01 KEG RIVER O
0834 772116 2008-06-01 KEG RIVER P
0834 772118 2008-06-01 KEG RIVER R
0834 772119 2010-04-01 KEG RIVER S
0834 772120 2008-06-01 KEG RIVER T
0834 772121 2008-06-01 KEG RIVER U
0834 772122 2008-06-01 KEG RIVER V
0834 772123 2008-06-01 KEG RIVER W
0834 772125 2008-06-01 KEG RIVER Y
0834 772126 2008-06-01 KEG RIVER Z
0834 772128 2008-06-01 KEG RIVER BB
0834 772129 2008-06-01 KEG RIVER CC
0834 772130 2010-04-01 KEG RIVER DD

POOL DESIGNATION (cont'd)

0834 772131 2010-04-01	KEG RIVER EE
0834 772132 2008-06-01	KEG RIVER FF
0834 772135 2010-04-01	KEG RIVER II
0834 772136 2010-04-01	KEG RIVER JJ
0834 772137 2008-06-01	KEG RIVER KK
0834 772138 2008-06-01	KEG RIVER LL
0834 772139 2008-06-01	KEG RIVER MM
0834 772140 2008-06-01	KEG RIVER NN
0834 772141 2008-06-01	KEG RIVER OO
0834 772142 2008-06-01	KEG RIVER PP
0834 772143 2008-06-01	KEG RIVER QQ
0834 772144 2008-06-01	KEG RIVER RR
0834 772145 2010-04-01	KEG RIVER SS
0834 772146 2008-06-01	KEG RIVER TT
0834 772148 2008-06-01	KEG RIVER VV
0834 772149 2008-06-01	KEG RIVER WW
0834 772150 2012-04-01	KEG RIVER XX
0834 772151 2008-06-01	KEG RIVER YY
0834 772152 2008-06-01	KEG RIVER ZZ
0834 772201 2008-06-01	KEG RIVER AAA
0834 772202 2008-06-01	KEG RIVER BBB
0834 772203 2010-04-01	KEG RIVER CCC
0834 772204 2008-06-01	KEG RIVER DDD
0834 772205 2010-03-01	KEG RIVER EEE
0834 772206 2010-07-01	KEG RIVER FFF
0834 772207 2013-07-01	KEG RIVER GGG
0834 797501 2008-06-01	GRANITE WASH A

SPACING PATTERN

SU 2950	9 Dec 1999
SU 2950A	6 Jan 2000
SU 2950B	23 Feb 2000
SU 2950C	23 Mar 2000
SU 2950D	9 Nov 2000
SU 2950E	18 Oct 2001
SU 2950F	23 Apr 2004

COMMINGLED PRODUCTION

MU 1893	30 Mar 2000
---------	-------------

ENHANCED RECOVERY SCHEMES

SUBSURFACE DISPOSAL SCHEMES

App 7628G 10 Nov 2015
Waterflood
Keg River B & K
Predator Oil Ltd.

Class II
Great Plains Development Company of
Canada, Ltd.

App 8197G 10 Nov 2015
Waterflood
Keg River KK
Predator Oil Ltd.

App 7030A 7 May 2012
Class II
ConocoPhillips Canada Resources Corp.

App 8455E 2 Oct 2014
Waterflood
Keg River OO
Predator Oil Ltd.

App 12120B 19 Sep 2013
Class II
Pengrowth Energy Corporation

App 8600G 3 Feb 2015
Waterflood
Keg River M
Predator Oil Ltd.

App 9350G 10 Nov 2015
Waterflood
Keg River TT
Pengrowth Energy Corporation

App 9418E 10 Nov 2015
Waterflood
Keg River DD, EE, II, JJ, SS, & YY
Predator Oil Ltd.

App 9966G 10 Nov 2015
Waterflood
Keg River C
Predator Oil Ltd.

FIELD DESIGNATION

0079 2004-04-01 SHADOW FIELD

POOL DESIGNATION

0079 264001 2004-03-01 SPIRIT RIVER A

0079 264002 2004-03-01 SPIRIT RIVER B

0079 524001 2010-04-01 MONTNEY A

0079 524002 2009-01-01 MONTNEY B

0079 765501 2008-06-01 GILWOOD A

0079 765502 2008-06-01 GILWOOD B

0079 765503 2008-06-01 GILWOOD C

0079 765504 2008-06-01 GILWOOD D

0079 765505 2008-06-01 GILWOOD E

0079 765506 2008-06-01 GILWOOD F

0079 765507 2008-06-01 GILWOOD G

0079 765508 2010-04-01 GILWOOD H

0079 765509 2008-06-01 GILWOOD I

0079 765510 2008-06-01 GILWOOD J

0079 765511 2008-06-01 GILWOOD K

0079 765512 2008-06-01 GILWOOD L

0079 765513 2008-06-01 GILWOOD M

0079 765514 2010-04-01 GILWOOD N

0079 765515 2008-06-01 GILWOOD O

0079 765516 2008-06-01 GILWOOD P

0079 765518 2008-06-01 GILWOOD R

0079 765519 2008-06-01 GILWOOD S

0079 765520 2008-06-01 GILWOOD T

0079 765521 2008-06-01 GILWOOD U

0079 765522 2008-06-01 GILWOOD V

0079 765523 2008-06-01 GILWOOD W

0079 765524 2008-06-01 GILWOOD X

0079 765525 2008-06-01 GILWOOD Y

0079 765526 2008-06-01 GILWOOD Z

0079 765527 2008-06-01 GILWOOD AA

POOL DESIGNATION (cont'd)

0079 765528 2008-06-01	GILWOOD BB
0079 765529 2008-06-01	GILWOOD CC
0079 765530 2008-06-01	GILWOOD DD
0079 765531 2008-06-01	GILWOOD EE
0079 765532 2008-06-01	GILWOOD FF
0079 765533 2008-06-01	GILWOOD GG
0079 765534 2008-06-01	GILWOOD HH
0079 765535 2008-06-01	GILWOOD II
0079 765536 2008-06-01	GILWOOD JJ
0079 765537 2008-06-01	GILWOOD KK
0079 765538 2008-06-01	GILWOOD LL
0079 765539 2008-06-01	GILWOOD MM
0079 765540 2008-06-01	GILWOOD NN
0079 765541 2013-05-01	GILWOOD OO
0079 765542 2013-05-01	GILWOOD PP
0079 797501 2008-06-01	GRANITE WASH A

SPACING PATTERN

SU 2478 31 Jan 1996

SUBSURFACE DISPOSAL SCHEMES

App 9310B 12 Sep 2017
Class II
Obsidian Energy Ltd.

FIELD DESIGNATION

0837 2011-03-01 SHANE FIELD

POOL DESIGNATION

0837 192001 2006-03-01 DUNVEGAN A
0837 192002 2006-05-01 DUNVEGAN B
0837 192003 2006-06-01 DUNVEGAN C
0837 192004 2007-09-01 DUNVEGAN D

0837 304001 2008-02-01 BLUESKY A

0837 326001 2001-02-01 GETHING A
0837 326002 2003-10-01 GETHING B
0837 326003 2004-09-01 GETHING C
0837 326004 2004-10-01 GETHING D
0837 326005 2006-05-01 GETHING E
0837 326006 2008-02-01 GETHING F
0837 326007 2008-08-01 GETHING G

0837 508001 2003-07-01 CHARLIE LAKE A

0837 520001 2011-11-01 DOIG A

0837 524001 2002-08-01 MONTNEY A
0837 524002 2002-09-01 MONTNEY B
0837 524003 2004-10-01 MONTNEY C
0837 524004 2008-02-01 MONTNEY D

0837 556001 2002-12-01 BELLOY A

0837 606001 2002-09-01 KISKATINAW A
0837 606002 2010-04-01 KISKATINAW B
0837 606003 2010-04-01 KISKATINAW C
0837 606004 2003-03-01 KISKATINAW D
0837 606005 2004-05-01 KISKATINAW E
0837 606006 2006-09-01 KISKATINAW F

POOL DESIGNATION (cont'd)

0837 612001 2007-01-01	DEBOLT A
0837 612002 2007-01-01	DEBOLT B
0837 612003 2008-05-01	DEBOLT C
0837 612004 2011-06-01	DEBOLT D
0837 658001 2001-02-01	WABAMUN A
0837 658002 2001-02-01	WABAMUN B
0837 658003 2012-03-01	WABAMUN C
0837 658004 2001-02-01	WABAMUN D
0837 658005 2009-03-01	WABAMUN E
0837 658006 2013-07-01	WABAMUN F

SPACING PATTERN

SU 2497 10 Jan 1996

GAS ALLOWABLE

GA 338 31 Mar 1995

GA 359 10 Jun 2003

GA 360 18 Jun 2003
Amending duplicate GA 359 issued 10 Jun
2003 to
change Order No. to GA 360

FIELD DESIGNATION

0830 2009-07-01 SHANNON FIELD

POOL DESIGNATION

0830 126002 2003-02-01 BELLY RIVER B
0830 126003 2005-08-01 BELLY RIVER C
0830 126004 2010-10-01 BELLY RIVER D
0830 126005 2010-10-01 BELLY RIVER E

0830 134001 2010-12-01 BASAL BELLY RIVER A

0830 218001 2001-02-01 VIKING A
0830 218002 2001-02-01 VIKING B
0830 218003 2001-02-01 VIKING C
0830 218004 2001-03-01 VIKING D

0830 242001 2001-02-01 BASAL COLORADO A

0830 250001 2005-10-01 UPPER MANNVILLE A
0830 250002 2009-01-01 UPPER MANNVILLE B
0830 250003 2008-08-01 UPPER MANNVILLE C
0830 250004 2010-05-01 UPPER MANNVILLE D
0830 250005 2010-11-01 UPPER MANNVILLE E

0830 310001 2001-02-01 LOWER MANNVILLE A
0830 310002 2001-02-01 LOWER MANNVILLE B
0830 310003 2010-04-01 LOWER MANNVILLE C
0830 310004 2001-04-01 LOWER MANNVILLE D
0830 310005 2014-02-01 LOWER MANNVILLE E

COMMINGLED PRODUCTION

MU 1323 10 Jun 1996

FIELD DESIGNATION

0838 2010-03-01 SHAW FIELD

POOL DESIGNATION

0838 176001 2001-02-01 CARDIUM A

0838 176002 2001-02-01 CARDIUM B

0838 176003 2001-03-01 CARDIUM C

0838 176004 2005-02-01 CARDIUM D

0838 512001 2010-04-01 SPRAY RIVER A

0838 610001 2010-04-01 RUNDLE A

SPACING PATTERN

SU 2766 15 May 1996

SU 2766A 3 Jul 1996

COMMINGLED PRODUCTION

MU 6850 22 Apr 2008

FIELD DESIGNATION

0835 2007-03-01 SHEKILIE FIELD

POOL DESIGNATION

0835 702001 2007-04-01 JEAN MARIE A

0835 758001 2001-02-01 SLAVE POINT A

0835 758002 2001-02-01 SLAVE POINT B

0835 758003 2004-04-01 SLAVE POINT C

0835 758004 2003-12-01 SLAVE POINT D

0835 758005 2007-09-01 SLAVE POINT E

0835 758006 2007-09-01 SLAVE POINT F

0835 758007 2007-09-01 SLAVE POINT G

0835 758008 2007-09-01 SLAVE POINT H

0835 758009 2010-04-01 SLAVE POINT I

0835 767501 2008-06-01 SULPHUR POINT A

0835 767502 2008-06-01 SULPHUR POINT B

0835 767503 2008-06-01 SULPHUR POINT C

0835 767504 2008-06-01 SULPHUR POINT D

0835 767505 2013-07-01 SULPHUR POINT E

0835 767506 2008-06-01 SULPHUR POINT F

0835 767507 2008-06-01 SULPHUR POINT G

0835 767508 2008-06-01 SULPHUR POINT H

0835 767509 2008-06-01 SULPHUR POINT I

0835 767510 2008-06-01 SULPHUR POINT J

0835 767511 2008-06-01 SULPHUR POINT K

0835 767512 2008-06-01 SULPHUR POINT L

0835 767513 2008-06-01 SULPHUR POINT M

0835 767514 2008-06-01 SULPHUR POINT N

0835 767515 2008-06-01 SULPHUR POINT O

0835 767516 2008-06-01 SULPHUR POINT P

0835 767517 2011-11-01 SULPHUR POINT Q

0835 767518 2008-06-01 SULPHUR POINT R

0835 767519 2008-06-01 SULPHUR POINT S

0835 767520 2008-06-01 SULPHUR POINT T

POOL DESIGNATION (cont'd)

0835 767521 2008-06-01	SULPHUR POINT U
0835 767522 2008-06-01	SULPHUR POINT V
0835 767523 2008-07-01	SULPHUR POINT W
0835 767524 2010-04-01	SULPHUR POINT X
0835 767525 2008-09-01	SULPHUR POINT Y
0835 767526 2008-10-01	SULPHUR POINT Z
0835 767527 2009-08-01	SULPHUR POINT AA
0835 767528 2009-09-01	SULPHUR POINT BB
0835 767529 2009-10-01	SULPHUR POINT CC
0835 767530 2010-04-01	SULPHUR POINT DD
0835 767531 2009-12-01	SULPHUR POINT EE
0835 767532 2013-07-01	SULPHUR POINT FF
0835 767533 2013-07-01	SULPHUR POINT GG
0835 767534 2013-07-01	SULPHUR POINT HH

0835 768501 2008-06-01	MUSKEG A
0835 768503 2008-06-01	MUSKEG C
0835 768504 2008-06-01	MUSKEG D
0835 768505 2008-06-01	MUSKEG E
0835 768506 2008-06-01	MUSKEG F
0835 768507 2010-04-01	MUSKEG G
0835 768508 2008-06-01	MUSKEG H
0835 768509 2008-06-01	MUSKEG I
0835 768510 2008-06-01	MUSKEG J
0835 768511 2008-06-01	MUSKEG K
0835 768513 2013-10-01	MUSKEG M
0835 768515 2008-06-01	MUSKEG O
0835 768516 2008-06-01	MUSKEG P
0835 768517 2008-06-01	MUSKEG Q
0835 768518 2008-06-01	MUSKEG R
0835 768519 2011-11-01	MUSKEG S
0835 768520 2011-11-01	MUSKEG T
0835 768521 2011-11-01	MUSKEG U
0835 768523 2008-06-01	MUSKEG W
0835 768524 2008-06-01	MUSKEG X
0835 768525 2008-06-01	MUSKEG Y
0835 768526 2008-06-01	MUSKEG Z
0835 768527 2010-04-01	MUSKEG AA

POOL DESIGNATION (cont'd)

0835 768528 2010-04-01	MUSKEG BB
0835 768529 2008-06-01	MUSKEG CC
0835 768530 2009-05-01	MUSKEG DD
0835 768531 2011-04-01	MUSKEG EE
0835 768532 2010-07-01	MUSKEG FF
0835 768533 2010-07-01	MUSKEG GG
0835 768534 2010-08-01	MUSKEG HH
0835 768535 2010-10-01	MUSKEG II
0835 768536 2013-07-01	MUSKEG JJ
0835 768537 2013-07-01	MUSKEG KK
0835 768538 2013-07-01	MUSKEG LL
0835 768539 2013-07-01	MUSKEG MM
0835 768540 2013-07-01	MUSKEG NN
0835 768541 2013-07-01	MUSKEG OO
0835 768542 2013-07-01	MUSKEG PP
0835 768901 2010-04-01	MUSKEG-KEG RIVER A
0835 772101 2008-06-01	KEG RIVER A
0835 772102 2008-06-01	KEG RIVER B
0835 772103 2008-06-01	KEG RIVER C
0835 772104 2010-04-01	KEG RIVER D
0835 772105 2008-06-01	KEG RIVER E
0835 772106 2008-06-01	KEG RIVER F
0835 772107 2008-06-01	KEG RIVER G
0835 772108 2008-06-01	KEG RIVER H
0835 772109 2008-06-01	KEG RIVER I
0835 772110 2010-04-01	KEG RIVER J
0835 772111 2008-06-01	KEG RIVER K
0835 772112 2008-06-01	KEG RIVER L
0835 772113 2008-06-01	KEG RIVER M
0835 772114 2008-06-01	KEG RIVER N
0835 772115 2008-06-01	KEG RIVER O
0835 772116 2008-06-01	KEG RIVER P
0835 772117 2008-06-01	KEG RIVER Q
0835 772118 2008-06-01	KEG RIVER R
0835 772119 2008-06-01	KEG RIVER S
0835 772120 2010-04-01	KEG RIVER T

POOL DESIGNATION (cont'd)

0835 772121 2010-04-01	KEG RIVER U
0835 772122 2008-06-01	KEG RIVER V
0835 772123 2008-06-01	KEG RIVER W
0835 772124 2008-06-01	KEG RIVER X
0835 772125 2010-04-01	KEG RIVER Y
0835 772126 2011-11-01	KEG RIVER Z
0835 772127 2008-06-01	KEG RIVER AA
0835 772128 2008-06-01	KEG RIVER BB
0835 772129 2010-04-01	KEG RIVER CC
0835 772131 2013-10-01	KEG RIVER EE
0835 772132 2013-07-01	KEG RIVER FF
0835 772133 2008-06-01	KEG RIVER GG
0835 772134 2008-06-01	KEG RIVER HH
0835 772135 2008-06-01	KEG RIVER II
0835 772136 2008-06-01	KEG RIVER JJ
0835 772137 2008-06-01	KEG RIVER KK
0835 772138 2008-06-01	KEG RIVER LL
0835 772139 2008-06-01	KEG RIVER MM
0835 772140 2008-06-01	KEG RIVER NN
0835 772142 2008-06-01	KEG RIVER PP
0835 772143 2008-06-01	KEG RIVER QQ
0835 772144 2008-06-01	KEG RIVER RR
0835 772145 2008-06-01	KEG RIVER SS
0835 772146 2008-06-01	KEG RIVER TT
0835 772147 2008-06-01	KEG RIVER UU
0835 772148 2008-06-01	KEG RIVER VV
0835 772149 2008-06-01	KEG RIVER WW
0835 772150 2008-06-01	KEG RIVER XX
0835 772151 2008-06-01	KEG RIVER YY
0835 772152 2008-06-01	KEG RIVER ZZ
0835 772201 2008-06-01	KEG RIVER AAA
0835 772202 2008-06-01	KEG RIVER BBB
0835 772203 2008-06-01	KEG RIVER CCC
0835 772204 2008-06-01	KEG RIVER DDD
0835 772205 2008-06-01	KEG RIVER EEE
0835 772206 2008-06-01	KEG RIVER FFF
0835 772207 2008-06-01	KEG RIVER GGG
0835 772208 2008-06-01	KEG RIVER HHH

POOL DESIGNATION (cont'd)

0835 772209 2010-04-01	KEG RIVER III
0835 772210 2008-06-01	KEG RIVER JJJ
0835 772211 2008-06-01	KEG RIVER KKK
0835 772212 2008-06-01	KEG RIVER LLL
0835 772213 2008-06-01	KEG RIVER MMM
0835 772214 2008-06-01	KEG RIVER NNN
0835 772215 2010-04-01	KEG RIVER OOO
0835 772216 2008-06-01	KEG RIVER PPP
0835 772217 2011-11-01	KEG RIVER QQQ
0835 772219 2008-06-01	KEG RIVER SSS
0835 772220 2008-06-01	KEG RIVER TTT
0835 772221 2008-06-01	KEG RIVER UUU
0835 772222 2008-06-01	KEG RIVER VVV
0835 772223 2008-06-01	KEG RIVER WWW
0835 772224 2008-06-01	KEG RIVER XXX
0835 772225 2008-06-01	KEG RIVER YYY
0835 772226 2008-06-01	KEG RIVER ZZZ
0835 772227 2008-06-01	KEG RIVER A2A
0835 772228 2008-06-01	KEG RIVER B2B
0835 772229 2008-06-01	KEG RIVER C2C
0835 772230 2008-06-01	KEG RIVER D2D
0835 772231 2008-06-01	KEG RIVER E2E
0835 772232 2010-04-01	KEG RIVER F2F
0835 772233 2008-06-01	KEG RIVER G2G
0835 772234 2008-06-01	KEG RIVER H2H
0835 772235 2008-06-01	KEG RIVER I2I
0835 772236 2008-06-01	KEG RIVER J2J
0835 772237 2008-06-01	KEG RIVER K2K
0835 772238 2008-06-01	KEG RIVER L2L
0835 772239 2008-06-01	KEG RIVER M2M
0835 772240 2009-02-01	KEG RIVER N2N
0835 772241 2008-06-01	KEG RIVER O2O
0835 772242 2008-06-01	KEG RIVER P2P
0835 772243 2008-06-01	KEG RIVER Q2Q
0835 772244 2008-06-01	KEG RIVER R2R
0835 772245 2008-06-01	KEG RIVER S2S
0835 772246 2008-06-01	KEG RIVER T2T
0835 772247 2008-06-01	KEG RIVER U2U

POOL DESIGNATION (cont'd)

0835 772248	2008-06-01	KEG RIVER V2V
0835 772249	2008-06-01	KEG RIVER W2W
0835 772250	2010-04-01	KEG RIVER X2X
0835 772251	2008-06-01	KEG RIVER Y2Y
0835 772252	2010-04-01	KEG RIVER Z2Z
0835 772301	2008-06-01	KEG RIVER A3A
0835 772302	2012-02-01	KEG RIVER B3B
0835 772303	2009-03-01	KEG RIVER C3C
0835 772304	2010-04-01	KEG RIVER D3D
0835 772305	2008-06-01	KEG RIVER E3E
0835 772306	2008-06-01	KEG RIVER F3F
0835 772307	2008-06-01	KEG RIVER G3G
0835 772308	2008-06-01	KEG RIVER H3H
0835 772309	2008-11-01	KEG RIVER I3I
0835 772310	2008-06-01	KEG RIVER J3J
0835 772311	2008-06-01	KEG RIVER K3K
0835 772312	2009-01-01	KEG RIVER L3L
0835 772313	2008-06-01	KEG RIVER M3M
0835 772314	2008-06-01	KEG RIVER N3N
0835 772315	2010-04-01	KEG RIVER O3O
0835 772316	2011-02-01	KEG RIVER P3P
0835 772317	2010-05-01	KEG RIVER Q3Q
0835 772318	2011-04-01	KEG RIVER R3R
0835 772319	2011-02-01	KEG RIVER S3S

SPACING PATTERN

SU 2885	19 Aug 1998
SU 2885A	2 Dec 1998
SU 2885B	20 Jan 1999
SU 2885C	7 Nov 2000
SU 2885D	26 Oct 2005
SU 2885E	21 Nov 2006
SU 2885F	28 Mar 2007
SU 2885G	18 Apr 2007

COMMINGLED PRODUCTION

MU 6624	14 Jun 2007
---------	-------------

ENHANCED RECOVERY SCHEMES

App 5509F	10 Mar 2015
Waterflood	
Keg River UUU	
NuVista Energy Ltd.	

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

App 7177C 10 Jun 2015
Waterflood
Keg River N2N
Apache Canada Ltd.

App 7401C 10 Jun 2015
Waterflood
Keg River I2I
Apache Canada Ltd.

App 9358E 10 Jun 2015
Waterflood
Keg River B
Apache Canada Ltd.

App 9903B 10 Jun 2015
Waterflood
Keg River Z2Z
Apache Canada Ltd.

App 10076C 3 Jun 2015
Waterflood
Keg River S2S and Y2Y
Apache Canada Ltd.

SUBSURFACE DISPOSAL SCHEMES

App 10566C 19 Aug 2011
Class II
Apache Canada Ltd.

COMPULSORY POOLING

P 321 8 May 2007
Gas
07-119-06W6M
Apache Canada Ltd.

FIELD DESIGNATION

1338 2006-08-01 SHEKILIE WEST FIELD

POOL DESIGNATION

1338 304002 2007-10-01 BLUESKY B

1338 644001 2007-09-01 BANFF A

1338 702001 2003-12-01 JEAN MARIE A

1338 702002 2009-11-01 JEAN MARIE B

1338 758001 2001-02-01 SLAVE POINT A

1338 758002 2001-02-01 SLAVE POINT B

1338 758003 2001-02-01 SLAVE POINT C

1338 758004 2001-03-01 SLAVE POINT D

1338 758005 2001-03-01 SLAVE POINT E

1338 758006 2010-04-01 SLAVE POINT F

1338 758007 2001-03-01 SLAVE POINT G

SPACING PATTERN

SU 2797 19 Dec 1996

SUBSURFACE DISPOSAL SCHEMES

App 8622 5 Apr 2000
Class II
Shenandoah Resources Ltd.

FIELD DESIGNATION

0897 2008-12-01 SHELDON FIELD

POOL DESIGNATION

0897 304001 2010-04-01 BLUESKY A

0897 524001 2013-12-01 MONTNEY A

0897 765501 2008-06-01 GILWOOD A

0897 765502 2008-12-01 GILWOOD B

FIELD DESIGNATION

0841 2006-10-01 SHETLAND FIELD

POOL DESIGNATION

0841 304001 2004-11-01 BLUESKY A

0841 304002 2006-10-01 BLUESKY B

0841 612001 2002-03-01 DEBOLT A

0841 612002 2006-02-01 DEBOLT B

0841 612003 2006-03-01 DEBOLT C

0841 612004 2008-01-01 DEBOLT D

0841 640001 2009-03-01 SHUNDA A

FIELD DESIGNATION

1249 2001-02-01 SHOAL FIELD

POOL DESIGNATION

1249 797501 2008-06-01 GRANITE WASH A

FIELD DESIGNATION

0805 2010-06-01 SHOULDICE FIELD

POOL DESIGNATION

0805 118801 2007-10-01 LOWER EDMONTON A

0805 118802 2014-05-01 LOWER EDMONTON B

0805 134014 2011-06-01 BASAL BELLY RIVER N

0805 158002 2005-09-01 MILK RIVER B

0805 158004 2008-10-01 MILK RIVER D

0805 158005 2010-04-01 MILK RIVER E

0805 158006 2011-12-01 MILK RIVER F

0805 186001 2009-03-01 SECOND WHITE SPECKS A

0805 213001 2001-02-01 BOW ISLAND A

0805 213002 2001-02-01 BOW ISLAND B

0805 213003 2001-02-01 BOW ISLAND C

0805 213004 2015-06-01 BOW ISLAND D

0805 213005 2003-08-01 BOW ISLAND E

0805 213006 2003-08-01 BOW ISLAND F

0805 213007 2006-05-01 BOW ISLAND G

0805 213008 2007-09-01 BOW ISLAND H

0805 213009 2011-12-01 BOW ISLAND I

0805 300002 2001-02-01 GLAUCONITIC B

0805 300005 2010-04-01 GLAUCONITIC E

0805 300007 2001-02-01 GLAUCONITIC G

0805 300008 2001-02-01 GLAUCONITIC H

0805 300009 2001-02-01 GLAUCONITIC I

0805 300010 2001-02-01 GLAUCONITIC J

0805 300011 2001-02-01 GLAUCONITIC K

0805 300012 2001-02-01 GLAUCONITIC L

0805 300013 2001-02-01 GLAUCONITIC M

0805 300014 2001-02-01 GLAUCONITIC N

POOL DESIGNATION (cont'd)

0805 300015 2001-02-01	GLAUCONITIC O
0805 300016 2001-02-01	GLAUCONITIC P
0805 300017 2001-02-01	GLAUCONITIC Q
0805 300018 2004-06-01	GLAUCONITIC R
0805 300020 2001-02-01	GLAUCONITIC T
0805 300023 2001-02-01	GLAUCONITIC W
0805 300026 2001-02-01	GLAUCONITIC Z
0805 300027 2001-02-01	GLAUCONITIC AA
0805 300029 2001-06-01	GLAUCONITIC CC
0805 300031 2007-09-01	GLAUCONITIC EE
0805 300032 2013-07-01	GLAUCONITIC FF
0805 336001 2001-02-01	ELLERSLIE A
0805 336002 2001-02-01	ELLERSLIE B
0805 336003 2010-04-01	ELLERSLIE C
0805 336005 2001-02-01	ELLERSLIE E
0805 336006 2009-07-01	ELLERSLIE F
0805 336007 2001-02-01	ELLERSLIE G
0805 336008 2001-02-01	ELLERSLIE H
0805 336009 2001-02-01	ELLERSLIE I
0805 336010 2001-02-01	ELLERSLIE J
0805 336011 2001-02-01	ELLERSLIE K
0805 336012 2001-02-01	ELLERSLIE L
0805 336013 2001-02-01	ELLERSLIE M
0805 336014 2001-02-01	ELLERSLIE N
0805 336015 2001-02-01	ELLERSLIE O
0805 336016 2001-02-01	ELLERSLIE P
0805 336017 2001-02-01	ELLERSLIE Q
0805 336018 2001-02-01	ELLERSLIE R
0805 336019 2001-02-01	ELLERSLIE S
0805 336020 2001-02-01	ELLERSLIE T
0805 336022 2001-12-01	ELLERSLIE V
0805 336023 2007-09-01	ELLERSLIE W
0805 336025 2008-11-01	ELLERSLIE Y
0805 336026 2008-11-01	ELLERSLIE Z
0805 336027 2009-01-01	ELLERSLIE AA
0805 336028 2014-08-01	ELLERSLIE BB

POOL DESIGNATION (cont'd)

0805 642001 2001-02-01 PEKISKO A
0805 850200 2011-02-01 MFP8502 MED HAT
0805 850600 2012-02-01 MFP8506 BELLY RIVER
0805 854300 2011-04-01 MFP8543 BSL BELLY RIV

SPACING PATTERN

SU 4064 26 Feb 2003
SU 4064A 24 Jul 2003
SU 4064B 15 Sep 2003
SU 4064C 14 Oct 2003
SU 4064D 12 Jan 2004
SU 4064E 10 Jun 2004
SU 4064F 17 Sep 2004
SU 4064G 10 Aug 2005
SU 4064H 3 Apr 2006

COMMINGLED PRODUCTION

MU 7597 17 Nov 2010

COMPULSORY POOLING

P 396 10 Jun 2009
Gas
30-020-22W4M
Husky Oil Operations Ltd.

FIELD DESIGNATION

0836 2001-02-01 SIBBALD FIELD

POOL DESIGNATION

0836 126001 2001-02-01 BELLY RIVER A
0836 126002 2001-02-01 BELLY RIVER B
0836 126003 2001-02-01 BELLY RIVER C
0836 126005 2001-02-01 BELLY RIVER E
0836 126006 2001-02-01 BELLY RIVER F
0836 126007 2001-02-01 BELLY RIVER G
0836 126008 2001-02-01 BELLY RIVER H
0836 126009 2001-02-01 BELLY RIVER I
0836 126010 2001-06-01 BELLY RIVER J
0836 126011 2005-09-01 BELLY RIVER K
0836 126012 2006-02-01 BELLY RIVER L
0836 126013 2008-10-01 BELLY RIVER M
0836 126014 2010-03-01 BELLY RIVER N

0836 134001 2005-07-01 BASAL BELLY RIVER A

0836 218001 2010-04-01 VIKING A
0836 218003 2009-05-01 VIKING C
0836 218004 2002-10-01 VIKING D
0836 218005 2001-02-01 VIKING E
0836 218007 2001-02-01 VIKING G
0836 218008 2010-07-01 VIKING H
0836 218009 2001-02-01 VIKING I
0836 218010 2001-02-01 VIKING J
0836 218011 2001-10-01 VIKING K
0836 218013 2007-10-01 VIKING M
0836 218014 2006-12-01 VIKING N
0836 218015 2007-10-01 VIKING O
0836 218016 2014-02-01 VIKING P

0836 242001 2010-04-01 BASAL COLORADO A

POOL DESIGNATION (cont'd)

0836 250001	2001-02-01	UPPER MANNVILLE A
0836 250002	2001-02-01	UPPER MANNVILLE B
0836 250003	2010-04-01	UPPER MANNVILLE C
0836 250006	2001-02-01	UPPER MANNVILLE F
0836 250007	2001-02-01	UPPER MANNVILLE G
0836 250008	2001-02-01	UPPER MANNVILLE H
0836 250009	2001-03-01	UPPER MANNVILLE I
0836 250010	2001-09-01	UPPER MANNVILLE J
0836 250011	2005-05-01	UPPER MANNVILLE K
0836 250012	2010-04-01	UPPER MANNVILLE L
0836 250013	2010-12-01	UPPER MANNVILLE M
0836 250015	2006-12-01	UPPER MANNVILLE O
0836 250016	2007-09-01	UPPER MANNVILLE P
0836 250017	2007-09-01	UPPER MANNVILLE Q
0836 250018	2007-09-01	UPPER MANNVILLE R
0836 250019	2010-02-01	UPPER MANNVILLE S
0836 250020	2009-01-01	UPPER MANNVILLE T
0836 250021	2010-08-01	UPPER MANNVILLE U
0836 250022	2010-11-01	UPPER MANNVILLE V
0836 310001	2003-07-01	LOWER MANNVILLE A
0836 310003	2004-04-01	LOWER MANNVILLE C
0836 646001	2001-02-01	BAKKEN A
0836 646003	2002-07-01	BAKKEN C
0836 646004	2001-09-01	BAKKEN D
0836 646005	2002-02-01	BAKKEN E
0836 646006	2003-01-01	BAKKEN F
0836 646007	2006-05-01	BAKKEN G
0836 646008	2008-08-01	BAKKEN H
0836 646009	2010-07-01	BAKKEN I
0836 696001	2001-02-01	NISKU A

SPACING PATTERN

SU 2509 23 Jan 1996
SU 2509A 10 Feb 1998
SU 2509B 27 Aug 1998
SU 2509C 27 Jun 2002
SU 2509D 30 Nov 2005

COMMINGLED PRODUCTION

MU 5048 10 Jan 2006

ENHANCED RECOVERY SCHEMES

App 8306E 29 Jul 2010
Waterflood
Upper Mannville C
Surge Energy Inc.

App 10302C 26 Feb 2015
Waterflood
Upper Mannville C
Penn West Petroleum Ltd.

SUBSURFACE DISPOSAL SCHEMES

App 10869A 3 Oct 2012
Class II
Surge Energy Inc.

FIELD DESIGNATION

0821 2010-03-01 SILER FIELD

POOL DESIGNATION

0821 218001 2005-02-01 VIKING A
0821 218002 2007-11-01 VIKING B
0821 218003 2009-01-01 VIKING C
0821 218004 2009-08-01 VIKING D
0821 218005 2011-05-01 VIKING E
0821 218006 2011-05-01 VIKING F
0821 218007 2012-03-01 VIKING G

0821 256003 2001-02-01 COLONY C
0821 256004 2006-05-01 COLONY D
0821 256005 2001-02-01 COLONY E
0821 256006 2001-02-01 COLONY F
0821 256007 2001-02-01 COLONY G
0821 256008 2010-04-01 COLONY H
0821 256009 2010-04-01 COLONY I
0821 256010 2004-04-01 COLONY J
0821 256011 2001-02-01 COLONY K
0821 256012 2001-02-01 COLONY L
0821 256013 2002-06-01 COLONY M
0821 256014 2010-04-01 COLONY N
0821 256015 2010-04-01 COLONY O
0821 256016 2008-11-01 COLONY P
0821 256017 2010-04-01 COLONY Q

0821 262002 2001-02-01 GRAND RAPIDS B
0821 262003 2004-02-01 GRAND RAPIDS C
0821 262004 2010-04-01 GRAND RAPIDS D
0821 262005 2010-04-01 GRAND RAPIDS E
0821 262006 2007-11-01 GRAND RAPIDS F

0821 268001 2002-09-01 MCLAREN A
0821 268002 2007-09-01 MCLAREN B

POOL DESIGNATION (cont'd)

0821 270001	2002-06-01	WASECA A
0821 270002	2004-05-01	WASECA B
0821 270003	2010-04-01	WASECA C
0821 270004	2009-01-01	WASECA D
0821 276001	2004-06-01	SPARKY A
0821 280001	2001-02-01	CLEARWATER A
0821 294001	2001-02-01	LLOYDMINSTER A

SPACING PATTERN

SU 2735	9 May 1996
SU 2735A	21 Mar 2001

COMMINGLED PRODUCTION

MU 5087	18 Jan 2006
MU 5455	3 Apr 2006

SUBSURFACE DISPOSAL SCHEMES

App 9342	26 Feb 2003
Class II	
Canadian Natural Resources Limited	

FIELD DESIGNATION

0813 2011-01-01 SILVER FIELD

POOL DESIGNATION

0813 202001 2013-09-01 FISH SCALE A

0813 213001 2009-09-01 BOW ISLAND A

0813 630001 2001-02-01 TURNER VALLEY A

0813 630002 2001-02-01 TURNER VALLEY B

0813 658001 2015-03-01 WABAMUN A

0813 850600 2011-01-01 MFP8506 BELLY RIVER

0813 859600 2011-02-01 MFP8596 LWR EDMONTON

SPACING PATTERN

SU 4147 20 Jan 2004

SU 4147A 23 Nov 2005

COMPULSORY POOLING

P 251 23 Mar 2004

P 251A 23 Aug 2004

Gas

26-017-28W4M

Esprit Exploration Ltd.

FIELD DESIGNATION

0844 2015-03-01 SIMONETTE FIELD

POOL DESIGNATION

0844 192001 2001-02-01 DUNVEGAN A
0844 192006 2016-07-01 DUNVEGAN F
0844 192008 2007-11-01 DUNVEGAN H
0844 192010 2001-02-01 DUNVEGAN J
0844 192011 2017-02-01 DUNVEGAN K
0844 192012 2004-08-01 DUNVEGAN L
0844 192013 2001-02-01 DUNVEGAN M
0844 192014 2001-02-01 DUNVEGAN N
0844 192016 2007-05-01 DUNVEGAN P
0844 192018 2007-02-01 DUNVEGAN R
0844 192019 2011-03-01 DUNVEGAN S
0844 192021 2008-01-01 DUNVEGAN U
0844 192022 2009-02-01 DUNVEGAN V
0844 192023 2008-10-01 DUNVEGAN W
0844 192027 2009-03-01 DUNVEGAN AA
0844 192028 2009-06-01 DUNVEGAN BB
0844 192029 2010-04-01 DUNVEGAN CC
0844 192030 2010-04-01 DUNVEGAN DD
0844 192031 2010-04-01 DUNVEGAN EE
0844 192032 2009-11-01 DUNVEGAN FF
0844 192033 2011-10-01 DUNVEGAN GG
0844 192034 2013-10-01 DUNVEGAN HH
0844 192035 2014-07-01 DUNVEGAN II
0844 192036 2013-07-01 DUNVEGAN JJ

0844 228001 2010-04-01 PEACE RIVER A
0844 228003 2008-03-01 PEACE RIVER C

0844 230001 2013-09-01 PADDY A

0844 232006 2010-04-01 CADOTTE F
0844 232007 2010-04-01 CADOTTE G

POOL DESIGNATION (cont'd)

0844 266001 2010-04-01	NOTIKWIN A
0844 271502 2010-04-01	FALHER B
0844 271503 2014-03-01	FALHER C
0844 304001 2001-02-01	BLUESKY A
0844 304002 2001-02-01	BLUESKY B
0844 304003 2001-02-01	BLUESKY C
0844 304004 2012-08-01	BLUESKY D
0844 304005 2010-07-01	BLUESKY E
0844 326001 2011-02-01	GETHING A
0844 326004 2009-06-01	GETHING D
0844 326006 2001-02-01	GETHING F
0844 326014 2010-09-01	GETHING N
0844 326019 2006-05-01	GETHING S
0844 326035 2010-04-01	GETHING II
0844 326048 2012-08-01	GETHING VV
0844 326050 2009-10-01	GETHING XX
0844 326051 2009-11-01	GETHING YY
0844 326052 2009-11-01	GETHING ZZ
0844 326601 2009-11-01	GETHING AAA
0844 326602 2009-11-01	GETHING BBB
0844 326604 2013-07-01	GETHING DDD
0844 348001 2001-02-01	CADOMIN A
0844 348002 2001-02-01	CADOMIN B
0844 444001 2001-02-01	NORDEGG A
0844 444002 2006-04-01	NORDEGG B
0844 444003 2012-07-01	NORDEGG C
0844 444004 2012-12-01	NORDEGG D
0844 524001 2012-09-01	MONTNEY A
0844 524002 2012-11-01	MONTNEY B
0844 524003 2015-02-01	MONTNEY C
0844 524004 2013-01-01	MONTNEY D
0844 524005 2012-10-01	MONTNEY E

POOL DESIGNATION (cont'd)

0844 524006 2013-03-01	MONTNEY F
0844 524007 2016-08-01	MONTNEY G
0844 524008 2013-04-01	MONTNEY H
0844 524009 2013-08-01	MONTNEY I
0844 524011 2014-02-01	MONTNEY K
0844 524012 2013-12-01	MONTNEY L
0844 524013 2013-06-01	MONTNEY M
0844 524016 2014-03-01	MONTNEY P
0844 524017 2015-01-01	MONTNEY Q
0844 524019 2015-02-01	MONTNEY S
0844 524020 2015-04-01	MONTNEY T
0844 524021 2015-04-01	MONTNEY U
0844 524022 2016-01-01	MONTNEY V
0844 524023 2017-09-01	MONTNEY W
0844 658001 2010-04-01	WABAMUN A
0844 658002 2001-02-01	WABAMUN B
0844 658003 2010-04-01	WABAMUN C
0844 658004 2001-02-01	WABAMUN D
0844 658005 2010-04-01	WABAMUN E
0844 658006 2001-02-01	WABAMUN F
0844 670001 2001-02-01	WINTERBURN A
0844 720000 2010-04-01	D-3
0844 720002 2001-02-01	D-3 B
0844 720003 2010-04-01	D-3 C
0844 720004 2001-02-01	D-3 D
0844 720005 2001-02-01	D-3 E
0844 728001 2015-06-01	DUVERNAY A
0844 728002 2017-05-01	DUVERNAY B
0844 744001 2010-04-01	BEAVERHILL LAKE A
0844 744002 2001-12-01	BEAVERHILL LAKE B

SPACING PATTERN

SU 4102 16 Sep 2003
SU 4102A 20 Jan 2004
SU 4102B 11 Mar 2004
SU 4102C 22 Oct 2005
SU 4102D 10 Feb 2006
SU 4102E 20 Oct 2006
SU 4102F 10 Oct 2007

COMMINGLED PRODUCTION

MU 8809 12 Jan 2017

ENHANCED RECOVERY SCHEMES

App 10028B 20 Jan 2015
Waterflood
Beaverhill Lake B
Trilogy Energy Ltd.

App 10031C 20 Jan 2015
Waterflood
Beaverhill Lake A
Trilogy Energy Ltd.

CONCURRENT PRODUCTION

MISC 95043 17 Feb 1995
Dunvegan A

SUBSURFACE DISPOSAL SCHEMES

App 12503 21 Apr 2016
Class II
Canadian International Oil Operating
Corporation

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

App 12562 23 Sep 2016
Class II
Cequence Energy Ltd.

COMPULSORY POOLING

P 403 2 Oct 2009
Gas
09-063-25W5M
Nu Vista Energy Ltd.

FIELD DESIGNATION

1251 2013-09-01 SIMONETTE NORTH FIELD

POOL DESIGNATION

1251 326001 2007-08-01 GETHING A

1251 524001 2014-01-01 MONTNEY A

1251 658001 2001-02-01 WABAMUN A

1251 658002 2009-09-01 WABAMUN B

FIELD DESIGNATION

0845 2016-11-01 SINCLAIR FIELD

POOL DESIGNATION

0845 190002 2010-04-01 DOE CREEK B
0845 190003 2011-04-01 DOE CREEK C
0845 190004 2014-10-01 DOE CREEK D
0845 190008 2003-06-01 DOE CREEK H
0845 190009 2010-03-01 DOE CREEK I
0845 190010 2010-04-01 DOE CREEK J
0845 190011 2001-02-01 DOE CREEK K
0845 190014 2010-04-01 DOE CREEK N
0845 190015 2004-08-01 DOE CREEK O
0845 190019 2001-03-01 DOE CREEK S
0845 190020 2012-11-01 DOE CREEK T
0845 190021 2001-03-01 DOE CREEK U
0845 190022 2001-04-01 DOE CREEK V
0845 190023 2009-10-01 DOE CREEK W
0845 190024 2006-12-01 DOE CREEK X
0845 190025 2011-02-01 DOE CREEK Y
0845 190026 2004-07-01 DOE CREEK Z
0845 190027 2010-04-01 DOE CREEK AA
0845 190029 2009-01-01 DOE CREEK CC
0845 190032 2010-04-01 DOE CREEK FF
0845 190033 2016-11-01 DOE CREEK GG
0845 190038 2011-01-01 DOE CREEK LL
0845 190039 2011-06-01 DOE CREEK MM
0845 190040 2012-10-01 DOE CREEK NN
0845 190041 2012-10-01 DOE CREEK OO
0845 190042 2013-07-01 DOE CREEK PP
0845 190043 2013-09-01 DOE CREEK QQ
0845 190044 2014-10-01 DOE CREEK RR

0845 192001 2011-05-01 DUNVEGAN A
0845 192002 2001-02-01 DUNVEGAN B
0845 192003 2001-02-01 DUNVEGAN C

POOL DESIGNATION (cont'd)

0845 192005 2004-08-01	DUNVEGAN E
0845 192007 2001-12-01	DUNVEGAN G
0845 192008 2001-03-01	DUNVEGAN H
0845 192011 2010-04-01	DUNVEGAN K
0845 192015 2009-11-01	DUNVEGAN O
0845 192016 2013-09-01	DUNVEGAN P
0845 192017 2008-12-01	DUNVEGAN Q
0845 192018 2009-02-01	DUNVEGAN R
0845 192019 2009-01-01	DUNVEGAN S
0845 192020 2010-04-01	DUNVEGAN T
0845 192021 2010-04-01	DUNVEGAN U
0845 192022 2010-04-01	DUNVEGAN V
0845 192023 2010-04-01	DUNVEGAN W
0845 192024 2010-10-01	DUNVEGAN X
0845 192025 2011-05-01	DUNVEGAN Y
0845 192026 2011-11-01	DUNVEGAN Z
0845 192027 2012-12-01	DUNVEGAN AA
0845 192028 2013-03-01	DUNVEGAN BB
0845 192029 2013-09-01	DUNVEGAN CC
0845 192030 2013-09-01	DUNVEGAN DD

0845 230001 2004-08-01	PADDY A
0845 230002 2011-05-01	PADDY B
0845 230003 2013-08-01	PADDY C
0845 230004 2010-04-01	PADDY D
0845 230005 2001-02-01	PADDY E
0845 230006 2001-02-01	PADDY F
0845 230008 2010-04-01	PADDY H
0845 230009 2010-04-01	PADDY I
0845 230010 2002-01-01	PADDY J
0845 230011 2004-04-01	PADDY K
0845 230012 2011-03-01	PADDY L
0845 230015 2010-04-01	PADDY O
0845 230016 2010-10-01	PADDY P
0845 230017 2011-03-01	PADDY Q
0845 230018 2011-05-01	PADDY R
0845 230019 2011-06-01	PADDY S
0845 230020 2011-06-01	PADDY T

POOL DESIGNATION (cont'd)

0845 230021 2011-10-01	PADDY U
0845 230022 2012-10-01	PADDY V
0845 232001 2001-02-01	CADOTTE A
0845 232002 2001-02-01	CADOTTE B
0845 232004 2009-11-01	CADOTTE D
0845 232005 2008-12-01	CADOTTE E
0845 232006 2010-04-01	CADOTTE F
0845 232007 2011-01-01	CADOTTE G
0845 264001 2009-03-01	SPIRIT RIVER A
0845 264002 2012-01-01	SPIRIT RIVER B
0845 266001 2007-07-01	NOTIKEWIN A
0845 266002 2001-02-01	NOTIKEWIN B
0845 266005 2010-04-01	NOTIKEWIN E
0845 266006 2012-12-01	NOTIKEWIN F
0845 271501 2015-05-01	FALHER A
0845 271506 2001-02-01	FALHER F
0845 271511 2012-03-01	FALHER K
0845 271517 2012-04-01	FALHER Q
0845 271522 2009-01-01	FALHER V
0845 271526 2010-10-01	FALHER Z
0845 271527 2011-12-01	FALHER AA
0845 304002 2009-04-01	BLUESKY B
0845 304003 2001-02-01	BLUESKY C
0845 304005 2001-02-01	BLUESKY E
0845 304006 2001-02-01	BLUESKY F
0845 304007 2001-02-01	BLUESKY G
0845 304008 2001-02-01	BLUESKY H
0845 304009 2012-03-01	BLUESKY I
0845 304012 2010-04-01	BLUESKY L
0845 304014 2010-04-01	BLUESKY N
0845 304017 2004-09-01	BLUESKY Q
0845 304018 2009-11-01	BLUESKY R
0845 304019 2011-04-01	BLUESKY S

POOL DESIGNATION (cont'd)

0845 304021 2011-04-01	BLUESKY U
0845 304022 2009-02-01	BLUESKY V
0845 304025 2010-04-01	BLUESKY Y
0845 304026 2009-12-01	BLUESKY Z
0845 304027 2010-10-01	BLUESKY AA
0845 304028 2010-10-01	BLUESKY BB
0845 304029 2011-04-01	BLUESKY CC
0845 304030 2012-03-01	BLUESKY DD

0845 326004 2010-11-01	GETHING D
0845 326005 2009-12-01	GETHING E
0845 326007 2001-02-01	GETHING G
0845 326011 2014-03-01	GETHING K
0845 326014 2001-02-01	GETHING N
0845 326016 2004-06-01	GETHING P
0845 326017 2001-02-01	GETHING Q
0845 326018 2001-02-01	GETHING R
0845 326019 2001-02-01	GETHING S
0845 326020 2010-11-01	GETHING T
0845 326022 2001-06-01	GETHING V
0845 326023 2009-09-01	GETHING W
0845 326024 2012-10-01	GETHING X
0845 326026 2005-09-01	GETHING Z
0845 326029 2006-07-01	GETHING CC
0845 326035 2010-04-01	GETHING II
0845 326036 2010-04-01	GETHING JJ
0845 326037 2011-06-01	GETHING KK

0845 348002 2007-10-01	CADOMIN B
0845 348003 2001-02-01	CADOMIN C
0845 348004 2010-04-01	CADOMIN D
0845 348005 2006-07-01	CADOMIN E
0845 348006 2009-12-01	CADOMIN F
0845 348007 2014-02-01	CADOMIN G

0845 408001 2014-03-01	NIKANASSIN A
0845 408003 2011-02-01	NIKANASSIN C
0845 408004 2010-04-01	NIKANASSIN D

POOL DESIGNATION (cont'd)

0845 408005 2001-02-01	NIKANASSIN E
0845 408010 2007-10-01	NIKANASSIN J
0845 408011 2006-04-01	NIKANASSIN K
0845 408016 2010-09-01	NIKANASSIN P
0845 408030 2009-06-01	NIKANASSIN DD
0845 408032 2010-05-01	NIKANASSIN FF
0845 408034 2010-04-01	NIKANASSIN HH
0845 408035 2011-06-01	NIKANASSIN II
0845 408036 2011-06-01	NIKANASSIN JJ
0845 408037 2011-09-01	NIKANASSIN KK
0845 508001 2005-03-01	CHARLIE LAKE A
0845 508002 2007-09-01	CHARLIE LAKE B
0845 508003 2009-06-01	CHARLIE LAKE C
0845 508004 2012-07-01	CHARLIE LAKE D
0845 516001 2001-02-01	HALFWAY A
0845 516002 2010-04-01	HALFWAY B
0845 516003 2010-04-01	HALFWAY C
0845 516004 2001-02-01	HALFWAY D
0845 516005 2001-02-01	HALFWAY E
0845 516006 2001-02-01	HALFWAY F
0845 516007 2007-05-01	HALFWAY G
0845 516009 2001-02-01	HALFWAY I
0845 516010 2001-08-01	HALFWAY J
0845 516011 2004-09-01	HALFWAY K
0845 516012 2005-11-01	HALFWAY L
0845 516013 2005-05-01	HALFWAY M
0845 516015 2004-12-01	HALFWAY O
0845 516016 2005-05-01	HALFWAY P
0845 516017 2005-06-01	HALFWAY Q
0845 516018 2010-04-01	HALFWAY R
0845 516019 2007-04-01	HALFWAY S
0845 516020 2005-10-01	HALFWAY T
0845 516021 2006-04-01	HALFWAY U
0845 516022 2006-02-01	HALFWAY V
0845 516023 2006-11-01	HALFWAY W
0845 516024 2006-10-01	HALFWAY X

POOL DESIGNATION (cont'd)

0845 516025 2006-09-01	HALFWAY Y
0845 516026 2006-10-01	HALFWAY Z
0845 516027 2007-09-01	HALFWAY AA
0845 516028 2007-09-01	HALFWAY BB
0845 516029 2007-09-01	HALFWAY CC
0845 516030 2007-09-01	HALFWAY DD
0845 516031 2007-09-01	HALFWAY EE
0845 516032 2008-02-01	HALFWAY FF
0845 516033 2007-10-01	HALFWAY GG
0845 516034 2007-12-01	HALFWAY HH
0845 516035 2008-11-01	HALFWAY II
0845 516036 2008-11-01	HALFWAY JJ
0845 516038 2009-01-01	HALFWAY LL
0845 516039 2009-06-01	HALFWAY MM
0845 516041 2013-11-01	HALFWAY OO

0845 520001 2010-04-01	DOIG A
0845 520002 2004-12-01	DOIG B
0845 520003 2011-03-01	DOIG C
0845 520004 2010-04-01	DOIG D
0845 520005 2010-04-01	DOIG E
0845 520006 2010-04-01	DOIG F
0845 520007 2008-11-01	DOIG G
0845 520008 2010-10-01	DOIG H
0845 520009 2010-12-01	DOIG I
0845 520010 2011-04-01	DOIG J
0845 520011 2011-03-01	DOIG K
0845 520012 2011-12-01	DOIG L
0845 520013 2012-12-01	DOIG M
0845 520014 2013-09-01	DOIG N

0845 524001 2010-04-01	MONTNEY A
0845 524003 2010-04-01	MONTNEY C
0845 524004 2008-04-01	MONTNEY D
0845 524005 2001-02-01	MONTNEY E
0845 524006 2001-02-01	MONTNEY F
0845 524008 2001-10-01	MONTNEY H
0845 524010 2003-09-01	MONTNEY J

POOL DESIGNATION (cont'd)

0845 524011	2004-07-01	MONTNEY K
0845 524012	2004-06-01	MONTNEY L
0845 524013	2012-07-01	MONTNEY M
0845 524014	2005-08-01	MONTNEY N
0845 524019	2007-09-01	MONTNEY S
0845 524022	2007-10-01	MONTNEY V
0845 524024	2009-03-01	MONTNEY X
0845 524025	2010-04-01	MONTNEY Y
0845 524026	2010-05-01	MONTNEY Z
0845 524027	2010-02-01	MONTNEY AA
0845 524028	2013-04-01	MONTNEY BB
0845 524029	2010-10-01	MONTNEY CC
0845 524030	2011-11-01	MONTNEY DD
0845 524031	2011-04-01	MONTNEY EE
0845 524032	2012-03-01	MONTNEY FF
0845 524033	2013-04-01	MONTNEY GG
0845 524034	2012-09-01	MONTNEY HH
0845 524035	2013-06-01	MONTNEY II
0845 524036	2015-02-01	MONTNEY JJ
0845 852200	2010-04-01	MFP8522 CADOMIN

SPACING PATTERN

SU 4244	3 Dec 2004
SU 4244A	8 Mar 2005
SU 4244B	24 May 2005
SU 4244C	19 Aug 2005
SU 4244D	4 Jan 2006
SU 4244E	17 Jan 2006
SU 4244F	17 Apr 2006
SU 4244G	28 Sep 2006
SU 4244H	26 Oct 2006
SU 4244I	23 Mar 2007
SU 4244J	17 Apr 2007
SU 4244K	14 Sep 2007
SU 4244L	4 Oct 2007

COMMINGLED PRODUCTION

MU 8645	9 Jun 2014
---------	------------

GAS STORAGE SCHEMES

App 4118	30 Mar 1984
App 4118A	3 Sep 1999
App 4118B	20 Sep 2002
App 4118C	9 Apr 2003
App 4118D	3 Mar 2004

GAS STORAGE SCHEMES (cont'd)

App 4118E 17 Apr 2004

App 4118F 28 Jun 2007
Gething D
EnCana Corporation

App 8891 27 Aug 2001

App 8891A 4 Jul 2002

App 8891B 9 Apr 2003

App 8891C 3 Mar 2004

App 8891D 17 Apr 2004

App 8891E 28 Jun 2007
Paddy C
EnCana Corporation

ENHANCED RECOVERY SCHEMES

App 8602H 1 Apr 2016
Waterflood
Doe Creek D
Glenogle Energy Inc.

App 10248C 5 Feb 2015
Waterflood
Doe Creek T
Sinopec Daylight Energy Ltd.

App 11360E 5 Jan 2016
Waterflood
Paddy L
ConocoPhillips Canada Resources Corp.

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

App 12309 18 Nov 2014
Waterflood
Doe Creek D
Glenogle Energy Inc.

App 12472A 29 May 2017
Waterflood
Doe Creek GG
Shield Energy Ltd.

SUBSURFACE DISPOSAL SCHEMES

App 12417A 5 Oct 2015
Class II
Advantage Oil & Gas

FIELD DESIGNATION

1252 2008-05-01 SIPHON FIELD

POOL DESIGNATION

1252 304001 2008-05-01 BLUESKY A

1252 304002 2008-05-01 BLUESKY B

1252 326001 2008-05-01 GETHING A

FIELD DESIGNATION

0848 2001-02-01 SKARO FIELD

POOL DESIGNATION

0848 250001 2001-02-01 UPPER MANNVILLE A

0848 300001 2001-03-01 GLAUCONITIC A

0848 300002 2010-04-01 GLAUCONITIC B

0848 300003 2010-04-01 GLAUCONITIC C

0848 334001 2010-04-01 BASAL QUARTZ A

0848 334002 2001-02-01 BASAL QUARTZ B

0848 334003 2010-04-01 BASAL QUARTZ C

0848 334004 2001-03-01 BASAL QUARTZ D

0848 334005 2004-07-01 BASAL QUARTZ E

0848 334006 2004-07-01 BASAL QUARTZ F

0848 334007 2004-06-01 BASAL QUARTZ G

0848 732000 2010-04-01 COOKING LAKE

SPACING PATTERN

SU 2510 23 Jan 1996

SU 2510A 22 Mar 2004

SU 2510B 1 Nov 2005

SUBSURFACE DISPOSAL SCHEMES

App 5863E 2 Nov 2016

Class II

C Group Energy Inc.

App 10368D 1 Jun 2017

Class II

Point Bar Resources Inc.

FIELD DESIGNATION

0839 2003-05-01 SLAVE FIELD

POOL DESIGNATION

0839 304001 2001-02-01 BLUESKY A

0839 304002 2001-02-01 BLUESKY B

0839 304003 2001-03-01 BLUESKY C

0839 304004 2001-03-01 BLUESKY D

0839 612001 2001-11-01 DEBOLT A

0839 612002 2003-01-01 DEBOLT B

0839 640001 2010-01-01 SHUNDA A

0839 640002 2010-04-01 SHUNDA B

0839 640003 2001-02-01 SHUNDA C

0839 640004 2001-03-01 SHUNDA D

0839 640005 2001-02-01 SHUNDA E

0839 640006 2002-05-01 SHUNDA F

0839 640007 2003-02-01 SHUNDA G

0839 640008 2003-06-01 SHUNDA H

0839 640009 2002-06-01 SHUNDA I

0839 640010 2003-05-01 SHUNDA J

0839 758008 2001-02-01 SLAVE POINT H

0839 758012 2001-02-01 SLAVE POINT L

0839 758014 2001-02-01 SLAVE POINT N

0839 758015 2001-02-01 SLAVE POINT O

0839 758016 2001-02-01 SLAVE POINT P

0839 758017 2001-02-01 SLAVE POINT Q

0839 758019 2004-06-01 SLAVE POINT S

0839 758020 2001-02-01 SLAVE POINT T

0839 758021 2004-10-01 SLAVE POINT U

0839 758022 2001-02-01 SLAVE POINT V

0839 758024 2001-02-01 SLAVE POINT X

0839 758026 2001-02-01 SLAVE POINT Z

0839 758027 2001-02-01 SLAVE POINT AA

POOL DESIGNATION (cont'd)

0839 758028 2001-02-01	SLAVE POINT BB
0839 758029 2001-02-01	SLAVE POINT CC
0839 758030 2001-02-01	SLAVE POINT DD
0839 758031 2013-07-01	SLAVE POINT EE
0839 758101 2004-02-01	SLAVE PT-GRAN WASH A
0839 797502 2008-06-01	GRANITE WASH B
0839 797504 2008-06-01	GRANITE WASH D
0839 797505 2008-06-01	GRANITE WASH E
0839 797506 2008-06-01	GRANITE WASH F
0839 797507 2008-06-01	GRANITE WASH G

SPACING PATTERN

SU 2513 13 Feb 1996

COMMINGLED PRODUCTION

MU 1040 8 Dec 1993

SUBSURFACE DISPOSAL SCHEMES

App 8999B 6 Aug 2014
Class II
Nordegg Resources Inc.

App 10111B 2 May 2012
Class II
Storm Resources Ltd.

App 10146A 7 Aug 2014
Class II
Murphy Oil Company Ltd.

App 10946A 17 Nov 2015
Class II
Summerland Energy Inc.

FIELD DESIGNATION

0850 2004-10-01 SMITH FIELD

POOL DESIGNATION

0850 262001 2003-12-01 GRAND RAPIDS A
0850 262002 2001-02-01 GRAND RAPIDS B
0850 262003 2001-02-01 GRAND RAPIDS C
0850 262004 2001-02-01 GRAND RAPIDS D
0850 262005 2009-01-01 GRAND RAPIDS E
0850 262006 2001-02-01 GRAND RAPIDS F
0850 262007 2003-08-01 GRAND RAPIDS G
0850 262008 2010-04-01 GRAND RAPIDS H
0850 262009 2003-08-01 GRAND RAPIDS I
0850 262010 2001-02-01 GRAND RAPIDS J
0850 262011 2001-02-01 GRAND RAPIDS K
0850 262012 2010-04-01 GRAND RAPIDS L
0850 262013 2010-04-01 GRAND RAPIDS M
0850 262014 2001-02-01 GRAND RAPIDS N
0850 262015 2010-04-01 GRAND RAPIDS O
0850 262016 2001-02-01 GRAND RAPIDS P
0850 262017 2001-02-01 GRAND RAPIDS Q
0850 262018 2001-02-01 GRAND RAPIDS R
0850 262019 2001-02-01 GRAND RAPIDS S
0850 262020 2001-02-01 GRAND RAPIDS T
0850 262021 2001-03-01 GRAND RAPIDS U
0850 262022 2001-03-01 GRAND RAPIDS V
0850 262023 2010-04-01 GRAND RAPIDS W
0850 262024 2001-03-01 GRAND RAPIDS X
0850 262025 2001-03-01 GRAND RAPIDS Y
0850 262026 2001-03-01 GRAND RAPIDS Z
0850 262027 2001-03-01 GRAND RAPIDS AA
0850 262028 2001-07-01 GRAND RAPIDS BB
0850 262029 2001-12-01 GRAND RAPIDS CC
0850 262031 2002-05-01 GRAND RAPIDS EE
0850 262032 2004-01-01 GRAND RAPIDS FF
0850 262033 2007-03-01 GRAND RAPIDS GG

POOL DESIGNATION (cont'd)

0850 262034 2009-01-01	GRAND RAPIDS HH
0850 262035 2002-05-01	GRAND RAPIDS II
0850 262036 2006-08-01	GRAND RAPIDS JJ
0850 262037 2002-06-01	GRAND RAPIDS KK
0850 262038 2002-07-01	GRAND RAPIDS LL
0850 262039 2002-10-01	GRAND RAPIDS MM
0850 262040 2003-03-01	GRAND RAPIDS NN
0850 262041 2014-02-01	GRAND RAPIDS OO
0850 262042 2014-02-01	GRAND RAPIDS PP
0850 262043 2004-01-01	GRAND RAPIDS QQ
0850 262044 2004-03-01	GRAND RAPIDS RR
0850 262045 2004-08-01	GRAND RAPIDS SS
0850 262046 2004-10-01	GRAND RAPIDS TT
0850 262047 2010-04-01	GRAND RAPIDS UU
0850 262048 2005-05-01	GRAND RAPIDS VV
0850 262049 2007-09-01	GRAND RAPIDS WW
0850 262050 2007-09-01	GRAND RAPIDS XX
0850 262051 2011-06-01	GRAND RAPIDS YY
0850 262052 2008-02-01	GRAND RAPIDS ZZ
0850 262501 2010-04-01	GRAND RAPIDS AAA
0850 262502 2014-05-01	GRAND RAPIDS BBB
0850 262503 2014-05-01	GRAND RAPIDS CCC
0850 262504 2014-05-01	GRAND RAPIDS DDD
0850 280001 2010-04-01	CLEARWATER A
0850 280002 2007-06-01	CLEARWATER B
0850 280003 2002-03-01	CLEARWATER C
0850 280004 2010-04-01	CLEARWATER D
0850 280005 2004-03-01	CLEARWATER E
0850 280006 2004-12-01	CLEARWATER F
0850 306001 2002-03-01	WABISKAW A
0850 306002 2010-04-01	WABISKAW B
0850 306003 2001-02-01	WABISKAW C
0850 306004 2001-02-01	WABISKAW D
0850 306005 2001-02-01	WABISKAW E
0850 306006 2001-02-01	WABISKAW F
0850 306007 2001-02-01	WABISKAW G

POOL DESIGNATION (cont'd)

0850 306008 2001-07-01	WABISKAW H
0850 306009 2002-06-01	WABISKAW I
0850 328001 2001-10-01	MCMURRAY A
0850 328002 2010-04-01	MCMURRAY B
0850 328003 2010-04-01	MCMURRAY C
0850 350001 2001-02-01	DETRITAL A
0850 350002 2001-02-01	DETRITAL B
0850 658002 2001-02-01	WABAMUN B
0850 658004 2001-02-01	WABAMUN D
0850 658005 2001-02-01	WABAMUN E
0850 658006 2001-02-01	WABAMUN F
0850 658007 2002-05-01	WABAMUN G

COMMINGLED PRODUCTION

MU 8624 23 May 2014

SUBSURFACE DISPOSAL SCHEMES

App 10613 11 Jul 2006
Class II
Canadian Natural Resources Limited

FIELD DESIGNATION

0852 2013-11-01 SMITH COULEE FIELD

POOL DESIGNATION

0852 164001 2001-03-01 MEDICINE HAT A

0852 213001 2010-04-01 BOW ISLAND A

0852 853100 2013-11-01 MFP8531 2WS

SPACING PATTERN

SU 4212 21 Jul 2004

SU 4212A 1 Nov 2005

SU 4212B 4 Oct 2007

FIELD DESIGNATION

1253 2015-03-01 SMOKY FIELD

POOL DESIGNATION

1253 126001 2005-02-01 BELLY RIVER A
1253 126002 2010-01-01 BELLY RIVER B

1253 176001 2012-03-01 CARDIUM A
1253 176008 2010-04-01 CARDIUM H
1253 176009 2012-05-01 CARDIUM I
1253 176010 2013-08-01 CARDIUM J
1253 176013 2003-09-01 CARDIUM M
1253 176016 2011-07-01 CARDIUM P
1253 176306 2010-04-01 CARDIUM FFF
1253 176307 2010-04-01 CARDIUM GGG
1253 176312 2010-04-01 CARDIUM LLL
1253 176316 2013-12-01 CARDIUM PPP
1253 176319 2013-04-01 CARDIUM SSS
1253 176320 2014-02-01 CARDIUM TTT
1253 176321 2014-03-01 CARDIUM UUU
1253 176322 2014-02-01 CARDIUM VVV
1253 176323 2014-08-01 CARDIUM WWW
1253 176324 2014-08-01 CARDIUM XXX
1253 176325 2014-08-01 CARDIUM YYY
1253 176326 2014-08-01 CARDIUM ZZZ
1253 176327 2014-08-01 CARDIUM A2A
1253 176328 2014-08-01 CARDIUM B2B
1253 176329 2014-08-01 CARDIUM C2C
1253 176330 2014-08-01 CARDIUM D2D
1253 176331 2014-08-01 CARDIUM E2E
1253 176332 2017-02-01 CARDIUM F2F

1253 190001 2010-04-01 DOE CREEK A
1253 190002 2010-04-01 DOE CREEK B
1253 190003 2013-09-01 DOE CREEK C
1253 190004 2012-01-01 DOE CREEK D

POOL DESIGNATION (cont'd)

1253 190005 2012-02-01	DOE CREEK E
1253 190006 2012-09-01	DOE CREEK F
1253 190007 2012-12-01	DOE CREEK G
1253 190008 2014-02-01	DOE CREEK H
1253 190009 2014-08-01	DOE CREEK I
1253 190010 2014-08-01	DOE CREEK J
1253 190011 2014-08-01	DOE CREEK K
1253 190012 2014-08-01	DOE CREEK L
1253 190013 2014-08-01	DOE CREEK M
1253 192004 2011-12-01	DUNVEGAN D
1253 192008 2013-11-01	DUNVEGAN H
1253 192010 2010-04-01	DUNVEGAN J
1253 192011 2007-12-01	DUNVEGAN K
1253 192013 2007-12-01	DUNVEGAN M
1253 192014 2010-04-01	DUNVEGAN N
1253 192015 2014-01-01	DUNVEGAN O
1253 192018 2012-07-01	DUNVEGAN R
1253 192021 2010-04-01	DUNVEGAN U
1253 192024 2016-04-01	DUNVEGAN X
1253 192027 2016-04-01	DUNVEGAN AA
1253 192028 2009-12-01	DUNVEGAN BB
1253 192029 2013-09-01	DUNVEGAN CC
1253 192031 2011-10-01	DUNVEGAN EE
1253 192032 2014-02-01	DUNVEGAN FF
1253 192033 2014-02-01	DUNVEGAN GG
1253 192034 2014-08-01	DUNVEGAN HH
1253 192035 2014-08-01	DUNVEGAN II
1253 192036 2014-08-01	DUNVEGAN JJ
1253 192037 2014-08-01	DUNVEGAN KK
1253 192038 2014-08-01	DUNVEGAN LL
1253 192039 2014-08-01	DUNVEGAN MM
1253 192040 2014-08-01	DUNVEGAN NN
1253 192041 2014-08-01	DUNVEGAN OO
1253 192042 2014-08-01	DUNVEGAN PP
1253 192043 2014-08-01	DUNVEGAN QQ
1253 192044 2014-08-01	DUNVEGAN RR
1253 192045 2014-08-01	DUNVEGAN SS

POOL DESIGNATION (cont'd)

1253 192046 2014-08-01	DUNVEGAN TT
1253 228001 2013-09-01	PEACE RIVER A
1253 228004 2011-12-01	PEACE RIVER D
1253 228005 2011-09-01	PEACE RIVER E
1253 228006 2014-02-01	PEACE RIVER F
1253 228007 2014-08-01	PEACE RIVER G
1253 230001 2010-04-01	PADDY A
1253 232003 2013-04-01	CADOTTE C
1253 232004 2010-04-01	CADOTTE D
1253 232005 2010-04-01	CADOTTE E
1253 232012 2009-08-01	CADOTTE L
1253 232013 2010-04-01	CADOTTE M
1253 232014 2014-08-01	CADOTTE N
1253 232015 2014-08-01	CADOTTE O
1253 232017 2014-08-01	CADOTTE Q
1253 232018 2014-08-01	CADOTTE R
1253 232019 2014-08-01	CADOTTE S
1253 232020 2014-08-01	CADOTTE T
1253 232021 2014-08-01	CADOTTE U
1253 232022 2014-08-01	CADOTTE V
1253 232023 2014-08-01	CADOTTE W
1253 232024 2014-08-01	CADOTTE X
1253 250001 2008-01-01	UPPER MANNVILLE A
1253 250002 2017-05-01	UPPER MANNVILLE B
1253 250004 2016-01-01	UPPER MANNVILLE D
1253 250005 2016-01-01	UPPER MANNVILLE E
1253 250006 2016-01-01	UPPER MANNVILLE F
1253 250007 2016-01-01	UPPER MANNVILLE G
1253 250008 2016-02-01	UPPER MANNVILLE H
1253 264001 2017-05-01	SPIRIT RIVER A
1253 264002 2014-02-01	SPIRIT RIVER B
1253 264003 2014-02-01	SPIRIT RIVER C

POOL DESIGNATION (cont'd)

1253 266001	2010-04-01	NOTIKEWIN A
1253 266004	2012-08-01	NOTIKEWIN D
1253 266005	2010-04-01	NOTIKEWIN E
1253 266006	2010-04-01	NOTIKEWIN F
1253 266007	2012-12-01	NOTIKEWIN G
1253 266008	2013-10-01	NOTIKEWIN H
1253 266009	2014-08-01	NOTIKEWIN I
1253 266010	2014-08-01	NOTIKEWIN J
1253 271502	2010-04-01	FALHER B
1253 271507	2010-04-01	FALHER G
1253 271509	2010-04-01	FALHER I
1253 271512	2010-04-01	FALHER L
1253 271517	2010-04-01	FALHER Q
1253 271521	2013-03-01	FALHER U
1253 271522	2010-04-01	FALHER V
1253 271524	2010-02-01	FALHER X
1253 271526	2016-04-01	FALHER Z
1253 271527	2011-10-01	FALHER AA
1253 271528	2014-02-01	FALHER BB
1253 271529	2014-04-01	FALHER CC
1253 271530	2014-08-01	FALHER DD
1253 271531	2014-08-01	FALHER EE
1253 271532	2014-08-01	FALHER FF
1253 271533	2014-08-01	FALHER GG
1253 271534	2014-08-01	FALHER HH
1253 271535	2014-08-01	FALHER II
1253 271536	2014-08-01	FALHER JJ
1253 271537	2014-08-01	FALHER KK
1253 271538	2014-08-01	FALHER LL
1253 271539	2014-08-01	FALHER MM
1253 271540	2014-08-01	FALHER NN
1253 271541	2016-02-01	FALHER OO
1253 304003	2011-03-01	BLUESKY C
1253 304004	2010-04-01	BLUESKY D
1253 304007	2009-06-01	BLUESKY G
1253 304008	2011-03-01	BLUESKY H

POOL DESIGNATION (cont'd)

1253 304009 2012-03-01	BLUESKY I
1253 304010 2011-11-01	BLUESKY J
1253 304011 2014-02-01	BLUESKY K
1253 304012 2014-08-01	BLUESKY L
1253 304013 2014-08-01	BLUESKY M
1253 304014 2014-08-01	BLUESKY N
1253 304015 2014-08-01	BLUESKY O
1253 326003 2012-08-01	GETHING C
1253 326010 2010-04-01	GETHING J
1253 326013 2007-12-01	GETHING M
1253 326015 2010-04-01	GETHING O
1253 326019 2010-04-01	GETHING S
1253 326021 2014-02-01	GETHING U
1253 326025 2011-08-01	GETHING Y
1253 326026 2010-04-01	GETHING Z
1253 326027 2013-12-01	GETHING AA
1253 326028 2011-09-01	GETHING BB
1253 326030 2011-09-01	GETHING DD
1253 326031 2011-11-01	GETHING EE
1253 326032 2013-06-01	GETHING FF
1253 326033 2013-09-01	GETHING GG
1253 326034 2014-04-01	GETHING HH
1253 326035 2014-02-01	GETHING II
1253 326036 2014-08-01	GETHING JJ
1253 326037 2014-08-01	GETHING KK
1253 326038 2014-08-01	GETHING LL
1253 326039 2014-08-01	GETHING MM
1253 326040 2014-08-01	GETHING NN
1253 326041 2014-08-01	GETHING OO
1253 326042 2014-08-01	GETHING PP
1253 326043 2014-08-01	GETHING QQ
1253 326044 2014-08-01	GETHING RR
1253 326045 2014-08-01	GETHING SS
1253 348002 2010-04-01	CADOMIN B
1253 348005 2010-04-01	CADOMIN E
1253 348006 2008-06-01	CADOMIN F

POOL DESIGNATION (cont'd)

1253 348008 2011-12-01	CADOMIN H
1253 348009 2013-04-01	CADOMIN I
1253 348010 2010-04-01	CADOMIN J
1253 348011 2010-04-01	CADOMIN K
1253 348012 2011-03-01	CADOMIN L
1253 348013 2011-07-01	CADOMIN M
1253 348015 2011-10-01	CADOMIN O
1253 348016 2014-02-01	CADOMIN P
1253 348017 2013-09-01	CADOMIN Q
1253 348018 2014-02-01	CADOMIN R
1253 348019 2014-02-01	CADOMIN S
1253 348020 2014-08-01	CADOMIN T
1253 348021 2014-08-01	CADOMIN U
1253 348022 2014-08-01	CADOMIN V
1253 348023 2014-08-01	CADOMIN W
1253 408001 2010-04-01	NIKANASSIN A
1253 408002 2012-01-01	NIKANASSIN B
1253 408003 2014-02-01	NIKANASSIN C
1253 408004 2014-02-01	NIKANASSIN D
1253 524001 2013-06-01	MONTNEY A
1253 524002 2014-02-01	MONTNEY B
1253 524003 2013-08-01	MONTNEY C
1253 524004 2014-08-01	MONTNEY D
1253 524005 2014-08-01	MONTNEY E
1253 524006 2014-08-01	MONTNEY F
1253 524007 2014-08-01	MONTNEY G
1253 524008 2015-03-01	MONTNEY H
1253 524009 2015-02-01	MONTNEY I
1253 524011 2015-03-01	MONTNEY K
1253 524012 2015-03-01	MONTNEY L
1253 720001 2003-03-01	LEDUC A
1253 855500 2012-03-01	MFP8555 GETHING
1253 857500 2014-05-01	MFP8575 FALHER

SPACING PATTERN

SU 3013 9 Nov 2000
SU 3013A 21 Mar 2001
SU 3013B 21 Mar 2003
SU 3013C 13 Nov 2003
SU 3013D 9 Jan 2004
SU 3013E 20 Jan 2004
SU 3013F 17 Mar 2003
SU 3013G 8 Mar 2007

COMMINGLED PRODUCTION

MU 8674 13 Aug 2014

SUBSURFACE DISPOSAL SCHEMES

App 11709A 8 Aug 2014
Class Ib
XTO Energy Canada ULC

App 12626 31 May 2017
Class II
Cequence Energy Ltd.

FIELD DESIGNATION

0856 2010-03-01 SNIPE LAKE FIELD

POOL DESIGNATION

0856 326001 2005-06-01 GETHING A

0856 744000 2013-08-01 BEAVERHILL LAKE
0856 744002 2001-02-01 BEAVERHILL LAKE B

0856 765501 2008-06-01 GILWOOD A

SPACING PATTERN

SU 2512 31 Jan 1996
SU 2512A 22 Jan 2003

ENHANCED RECOVERY SCHEMES

App 9931N 9 Nov 2015
Waterflood
Beaverhill Lake
Long Run Exploration Ltd.

SUBSURFACE DISPOSAL SCHEMES

App 10512B 28 Nov 2013
Class II
Long Run Exploration Ltd.

INDEX OF AER ORDERS AND APPROVALS

SNO

SNOWFALL FIELD
October 2017

1256
Page 1 of 1

FIELD DESIGNATION

1256 2004-10-01 SNOWFALL FIELD

POOL DESIGNATION

1256 350802 2001-11-01 DETRITAL-DEBOLT B

1256 612001 2010-04-01 DEBOLT A

1256 612003 2005-02-01 DEBOLT C

1256 612004 2006-02-01 DEBOLT D

1256 612005 2009-03-01 DEBOLT E

1256 758002 2003-07-01 SLAVE POINT B

1256 758003 2003-03-01 SLAVE POINT C

1256 758004 2004-03-01 SLAVE POINT D

SPACING PATTERN

SU 2733A 23 Jun 2006

FIELD DESIGNATION

1339 2005-02-01 SOLOMON FIELD

POOL DESIGNATION

1339 176001 2001-02-01 CARDIUM A
1339 176002 2001-02-01 CARDIUM B
1339 176003 2001-03-01 CARDIUM C
1339 176004 2001-03-01 CARDIUM D
1339 176005 2001-03-01 CARDIUM E
1339 176007 2012-07-01 CARDIUM G

1339 192001 2010-04-01 DUNVEGAN A
1339 192002 2011-11-01 DUNVEGAN B

1339 264003 2011-11-01 SPIRIT RIVER C
1339 264004 2012-04-01 SPIRIT RIVER D

1339 326001 2010-12-01 GETHING A
1339 326003 2011-11-01 GETHING C

1339 348001 2009-03-01 CADOMIN A
1339 348003 2011-11-01 CADOMIN C

1339 408001 2011-05-01 NIKANASSIN A

1339 524001 2003-06-01 MONTNEY A
1339 524002 2005-04-01 MONTNEY B
1339 524003 2006-06-01 MONTNEY C

SPACING PATTERN

SU 2861 6 Apr 1998
SU 2861A 29 May 2001
SU 2861B 30 Oct 2006

FIELD DESIGNATION

0857 2008-11-01 SOUNDING FIELD

POOL DESIGNATION

0857 126003 2001-02-01 BELLY RIVER C
0857 126004 2004-07-01 BELLY RIVER D
0857 126005 2004-07-01 BELLY RIVER E
0857 126006 2007-10-01 BELLY RIVER F
0857 126007 2010-08-01 BELLY RIVER G
0857 126008 2009-03-01 BELLY RIVER H
0857 126009 2009-03-01 BELLY RIVER I

0857 134001 2010-04-01 BASAL BELLY RIVER A
0857 134002 2010-04-01 BASAL BELLY RIVER B
0857 134003 2012-12-01 BASAL BELLY RIVER C

0857 202001 2010-04-01 FISH SCALE A

0857 218001 2008-04-01 VIKING A
0857 218002 2008-09-01 VIKING B
0857 218003 2009-03-01 VIKING C
0857 218004 2010-03-01 VIKING D

0857 250001 2001-02-01 UPPER MANNVILLE A
0857 250002 2001-02-01 UPPER MANNVILLE B
0857 250003 2001-02-01 UPPER MANNVILLE C
0857 250004 2007-04-01 UPPER MANNVILLE D
0857 250005 2001-02-01 UPPER MANNVILLE E
0857 250006 2001-02-01 UPPER MANNVILLE F
0857 250010 2007-04-01 UPPER MANNVILLE J
0857 250011 2008-11-01 UPPER MANNVILLE K
0857 250012 2009-03-01 UPPER MANNVILLE L
0857 250013 2009-04-01 UPPER MANNVILLE M

0857 853600 2010-04-01 MFP8536 MILK RIVER

SPACING PATTERN

SU 4059	13 Feb 2003
SU 4059A	12 Dec 2005
SU 4059B	18 Jan 2007
SU 4059C	23 Mar 2007

COMMINGLED PRODUCTION

MU 5272	5 Apr 2006
---------	------------

FIELD DESIGNATION

0858 2010-11-01 SOUSA FIELD

POOL DESIGNATION

0858 000901 2012-05-01 DRIFT A
0858 000902 2012-05-01 DRIFT B
0858 000903 2003-08-01 DRIFT C
0858 000904 2012-05-01 DRIFT D
0858 000905 2012-05-01 DRIFT E
0858 000906 2004-03-01 DRIFT F
0858 000907 2004-11-01 DRIFT G
0858 000908 2005-04-01 DRIFT H
0858 000909 2009-03-01 DRIFT I
0858 000910 2009-03-01 DRIFT J
0858 000911 2009-12-01 DRIFT K
0858 000912 2009-03-01 DRIFT L
0858 000913 2009-04-01 DRIFT M
0858 000914 2009-06-01 DRIFT N
0858 000915 2009-06-01 DRIFT O

0858 304007 2010-06-01 BLUESKY G
0858 304009 2001-12-01 BLUESKY I
0858 304010 2001-12-01 BLUESKY J
0858 304011 2001-12-01 BLUESKY K
0858 304013 2015-09-01 BLUESKY M
0858 304026 2007-09-01 BLUESKY Z
0858 304027 2010-04-01 BLUESKY AA
0858 304029 2008-11-01 BLUESKY CC
0858 304030 2011-09-01 BLUESKY DD

0858 326001 2008-11-01 GETHING A
0858 326002 2010-07-01 GETHING B
0858 326003 2008-12-01 GETHING C
0858 326004 2010-04-01 GETHING D
0858 326005 2009-02-01 GETHING E
0858 326006 2010-03-01 GETHING F

POOL DESIGNATION (cont'd)

0858 658001 2003-10-01	WABAMUN A
0858 658002 2011-06-01	WABAMUN B
0858 658003 2013-02-01	WABAMUN C
0858 658004 2014-07-01	WABAMUN D
0858 743501 2013-03-01	MUSKWA A
0858 758001 2001-02-01	SLAVE POINT A
0858 758002 2001-02-01	SLAVE POINT B
0858 758003 2001-02-01	SLAVE POINT C
0858 758004 2001-08-01	SLAVE POINT D
0858 758005 2001-10-01	SLAVE POINT E
0858 758006 2002-05-01	SLAVE POINT F
0858 758007 2002-05-01	SLAVE POINT G
0858 758008 2003-10-01	SLAVE POINT H
0858 758009 2008-03-01	SLAVE POINT I
0858 758010 2008-04-01	SLAVE POINT J
0858 767502 2008-06-01	SULPHUR POINT B
0858 767503 2008-06-01	SULPHUR POINT C
0858 767504 2008-06-01	SULPHUR POINT D
0858 767505 2008-06-01	SULPHUR POINT E
0858 767506 2008-06-01	SULPHUR POINT F
0858 767507 2008-06-01	SULPHUR POINT G
0858 767508 2010-04-01	SULPHUR POINT H
0858 767509 2008-06-01	SULPHUR POINT I
0858 767510 2008-06-01	SULPHUR POINT J
0858 767511 2008-06-01	SULPHUR POINT K
0858 767512 2008-06-01	SULPHUR POINT L
0858 767513 2008-06-01	SULPHUR POINT M
0858 767514 2008-06-01	SULPHUR POINT N
0858 767515 2008-06-01	SULPHUR POINT O
0858 768501 2008-06-01	MUSKEG A
0858 768502 2008-06-01	MUSKEG B
0858 768503 2008-06-01	MUSKEG C
0858 768504 2010-04-01	MUSKEG D
0858 768505 2008-06-01	MUSKEG E

POOL DESIGNATION (cont'd)

0858 768506 2013-07-01	MUSKEG F
0858 772101 2008-06-01	KEG RIVER A
0858 772102 2008-06-01	KEG RIVER B
0858 772103 2008-06-01	KEG RIVER C
0858 772104 2008-06-01	KEG RIVER D
0858 772105 2008-06-01	KEG RIVER E
0858 772106 2011-12-01	KEG RIVER F
0858 772107 2008-06-01	KEG RIVER G
0858 772108 2008-06-01	KEG RIVER H
0858 772109 2008-06-01	KEG RIVER I
0858 772110 2011-12-01	KEG RIVER J
0858 772111 2008-06-01	KEG RIVER K
0858 772112 2008-06-01	KEG RIVER L
0858 772113 2010-04-01	KEG RIVER M
0858 772114 2008-06-01	KEG RIVER N
0858 772115 2008-06-01	KEG RIVER O
0858 772116 2008-06-01	KEG RIVER P
0858 772117 2008-06-01	KEG RIVER Q
0858 772118 2008-06-01	KEG RIVER R
0858 772119 2008-06-01	KEG RIVER S
0858 772121 2008-06-01	KEG RIVER U
0858 772123 2010-04-01	KEG RIVER W
0858 772124 2008-06-01	KEG RIVER X
0858 772125 2008-06-01	KEG RIVER Y
0858 772126 2008-06-01	KEG RIVER Z
0858 772127 2010-04-01	KEG RIVER AA
0858 772128 2008-06-01	KEG RIVER BB
0858 772129 2010-04-01	KEG RIVER CC
0858 772130 2008-06-01	KEG RIVER DD
0858 772131 2008-06-01	KEG RIVER EE
0858 772132 2008-06-01	KEG RIVER FF
0858 772133 2008-06-01	KEG RIVER GG
0858 772134 2008-06-01	KEG RIVER HH
0858 772135 2008-06-01	KEG RIVER II
0858 772136 2008-06-01	KEG RIVER JJ
0858 772137 2008-06-01	KEG RIVER KK
0858 772138 2010-04-01	KEG RIVER LL

POOL DESIGNATION (cont'd)

0858 772139 2008-06-01	KEG RIVER MM
0858 772140 2008-06-01	KEG RIVER NN
0858 772141 2008-06-01	KEG RIVER OO
0858 772142 2008-06-01	KEG RIVER PP
0858 772143 2008-06-01	KEG RIVER QQ
0858 772144 2008-06-01	KEG RIVER RR
0858 772145 2008-06-01	KEG RIVER SS
0858 772146 2008-06-01	KEG RIVER TT
0858 772147 2008-06-01	KEG RIVER UU
0858 772148 2008-06-01	KEG RIVER VV
0858 772149 2008-06-01	KEG RIVER WW
0858 772150 2008-06-01	KEG RIVER XX
0858 772151 2008-06-01	KEG RIVER YY
0858 772152 2008-06-01	KEG RIVER ZZ
0858 772201 2008-06-01	KEG RIVER AAA
0858 772202 2008-06-01	KEG RIVER BBB
0858 772203 2008-06-01	KEG RIVER CCC
0858 772204 2008-06-01	KEG RIVER DDD
0858 772205 2008-06-01	KEG RIVER EEE
0858 772206 2008-06-01	KEG RIVER FFF
0858 772207 2008-06-01	KEG RIVER GGG
0858 772208 2008-06-01	KEG RIVER HHH
0858 772209 2008-06-01	KEG RIVER III
0858 772210 2010-04-01	KEG RIVER JJJ
0858 772211 2008-06-01	KEG RIVER KKK
0858 772212 2008-06-01	KEG RIVER LLL
0858 772213 2008-06-01	KEG RIVER MMM
0858 772214 2008-06-01	KEG RIVER NNN
0858 772215 2009-09-01	KEG RIVER OOO
0858 772216 2011-01-01	KEG RIVER PPP
0858 772217 2011-03-01	KEG RIVER QQQ
0858 772218 2011-03-01	KEG RIVER RRR
0858 772219 2011-02-01	KEG RIVER SSS
0858 772220 2013-07-01	KEG RIVER TTT
0858 852800 2011-08-01	MFP8528 BLUESKY

SPACING PATTERN

SU 3081 10 Jan 2002
SU 3081A 27 Feb 2002
SU 3081B 26 Feb 2003
SU 3081C 14 Mar 2003
SU 3081D 5 Feb 2004
SU 3081E 22 Apr 2004
SU 3081F 18 Oct 2004
SU 3081G 9 Feb 2005
SU 3081H 24 Aug 2005
SU 3081I 8 Dec 2005
SU 3081J 28 Aug 2006
SU 3081K 1 Nov 2006
SU 3081L 28 Mar 2007
SU 3081M 25 Apr 2007

COMMINGLED PRODUCTION

MU 6673 13 Aug 2007

SUBSURFACE DISPOSAL SCHEMES

App 7948B 11 Jan 2017
Class II
Ouro Petro Resources Inc.

App 10984B 27 Feb 2012
Class II & III
NuVista Energy Ltd.

COMMINGLED PRODUCTION

MU 7490 9 Aug 2010

FIELD DESIGNATION

0803 2003-07-01 SPENCER FIELD

POOL DESIGNATION

0803 256001 2004-02-01 COLONY A

FIELD DESIGNATION

0831 2001-02-01 SPIERS FIELD

POOL DESIGNATION

0831 134001 2005-07-01 BASAL BELLY RIVER A
0831 134002 2005-07-01 BASAL BELLY RIVER B

0831 218001 2003-07-01 VIKING A
0831 218002 2003-07-01 VIKING B
0831 218003 2001-02-01 VIKING C
0831 218004 2001-02-01 VIKING D
0831 218005 2001-02-01 VIKING E
0831 218006 2001-03-01 VIKING F
0831 218007 2008-08-01 VIKING G

0831 250001 2001-12-01 UPPER MANNVILLE A
0831 250002 2001-03-01 UPPER MANNVILLE B
0831 250003 2003-03-01 UPPER MANNVILLE C
0831 250004 2008-02-01 UPPER MANNVILLE D
0831 250005 2010-02-01 UPPER MANNVILLE E

0831 300003 2001-02-01 GLAUCONITIC C
0831 300004 2001-02-01 GLAUCONITIC D
0831 300005 2001-02-01 GLAUCONITIC E

0831 644001 2001-02-01 BANFF A
0831 644002 2009-05-01 BANFF B

SPACING PATTERN

SU 4249 10 Dec 2004

COMMINGLED PRODUCTION

MU 5248 9 Feb 2006

FIELD DESIGNATION

0860 2008-10-01 SPRING COULEE FIELD

POOL DESIGNATION

0860 186001 2001-02-01 SECOND WHITE SPECKS A

0860 610000 2010-04-01 RUNDLE

0860 644001 2008-10-01 BANFF A

0860 649001 2013-03-01 LWR BANFF-EXSHAW-BV A

SPACING PATTERN

SU 2529 13 Feb 1996

COMPULSORY POOLING

P 298 15 May 2006

P 298A 31 Jan 2007

Gas

32-008-25W4M

Compton Petroleum Corporation

FIELD DESIGNATION

0806 2010-09-01 SPRUCE GROVE FIELD

POOL DESIGNATION

0806 336001 2001-02-01 ELLERSLIE A
0806 336002 2001-02-01 ELLERSLIE B
0806 336003 2001-08-01 ELLERSLIE C
0806 336004 2002-06-01 ELLERSLIE D
0806 336005 2002-06-01 ELLERSLIE E
0806 336006 2008-01-01 ELLERSLIE F
0806 336024 2008-10-01 ELLERSLIE X
0806 336025 2010-09-01 ELLERSLIE Y

0806 350001 2010-04-01 DETRITAL A

0806 658001 2007-02-01 WABAMUN A

SPACING PATTERN

SU 4141 19 Dec 2003

FIELD DESIGNATION

0846 2006-02-01 SPUR FIELD

POOL DESIGNATION

0846 250001 2012-01-01 UPPER MANNVILLE A
0846 250002 2001-02-01 UPPER MANNVILLE B
0846 250003 2010-04-01 UPPER MANNVILLE C
0846 250004 2007-04-01 UPPER MANNVILLE D
0846 250005 2010-04-01 UPPER MANNVILLE E
0846 250006 2017-09-01 UPPER MANNVILLE F
0846 250007 2002-02-01 UPPER MANNVILLE G
0846 250008 2001-02-01 UPPER MANNVILLE H
0846 250009 2001-02-01 UPPER MANNVILLE I
0846 250011 2001-02-01 UPPER MANNVILLE K
0846 250012 2001-02-01 UPPER MANNVILLE L
0846 250013 2001-02-01 UPPER MANNVILLE M
0846 250014 2001-03-01 UPPER MANNVILLE N
0846 250015 2001-03-01 UPPER MANNVILLE O
0846 250016 2002-06-01 UPPER MANNVILLE P
0846 250017 2006-09-01 UPPER MANNVILLE Q
0846 250018 2005-03-01 UPPER MANNVILLE R
0846 250021 2011-12-01 UPPER MANNVILLE U
0846 250022 2012-01-01 UPPER MANNVILLE V
0846 250023 2010-04-01 UPPER MANNVILLE W
0846 250024 2010-04-01 UPPER MANNVILLE X
0846 250025 2012-01-01 UPPER MANNVILLE Y
0846 250026 2010-05-01 UPPER MANNVILLE Z
0846 250027 2012-02-01 UPPER MANNVILLE AA

0846 262001 2009-09-01 GRAND RAPIDS A
0846 262003 2009-09-01 GRAND RAPIDS C
0846 262004 2010-11-01 GRAND RAPIDS D

0846 280001 2001-02-01 CLEARWATER A
0846 280002 2013-11-01 CLEARWATER B
0846 280003 2002-03-01 CLEARWATER C

POOL DESIGNATION (cont'd)

0846 280004 2007-01-01 CLEARWATER D
0846 280005 2008-10-01 CLEARWATER E
0846 280006 2009-01-01 CLEARWATER F

0846 306001 2012-01-01 WABISKAW A
0846 306002 2001-02-01 WABISKAW B
0846 306003 2010-04-01 WABISKAW C
0846 306004 2001-02-01 WABISKAW D
0846 306005 2001-02-01 WABISKAW E
0846 306006 2001-02-01 WABISKAW F
0846 306007 2002-05-01 WABISKAW G
0846 306008 2001-03-01 WABISKAW H

0846 328001 2001-02-01 MCMURRAY A

0846 658001 2006-03-01 WABAMUN A

SPACING PATTERN

SU 2732 20 Mar 1996

COMMINGLED PRODUCTION

MU 6135 9 Oct 2006

SUBSURFACE DISPOSAL SCHEMES

App 9294 11 Feb 2003
Class II
Tiger Calcium Services Inc.

FIELD DESIGNATION

0804 2003-10-01 ST ALBERT-BIG LAKE FIELD

POOL DESIGNATION

0804 126003 2002-10-01 BELLY RIVER C

0804 134001 2005-07-01 BASAL BELLY RIVER A

0804 134002 2005-07-01 BASAL BELLY RIVER B

0804 218001 2001-02-01 VIKING A

0804 218002 2001-08-01 VIKING B

0804 218003 2011-02-01 VIKING C

0804 300001 2010-04-01 GLAUCONITIC A

0804 300002 2001-02-01 GLAUCONITIC B

0804 300003 2001-02-01 GLAUCONITIC C

0804 300004 2001-02-01 GLAUCONITIC D

0804 300005 2001-02-01 GLAUCONITIC E

0804 300006 2001-02-01 GLAUCONITIC F

0804 316001 2010-04-01 OSTRACOD A

0804 334001 2002-01-01 BASAL QUARTZ A

0804 334002 2001-02-01 BASAL QUARTZ B

0804 334003 2001-02-01 BASAL QUARTZ C

0804 334006 2001-02-01 BASAL QUARTZ F

0804 334007 2001-05-01 BASAL QUARTZ G

0804 334008 2001-02-01 BASAL QUARTZ H

0804 334009 2001-02-01 BASAL QUARTZ I

0804 334010 2001-02-01 BASAL QUARTZ J

0804 334011 2001-02-01 BASAL QUARTZ K

0804 334012 2001-02-01 BASAL QUARTZ L

0804 334013 2015-01-01 BASAL QUARTZ M

0804 334014 2002-04-01 BASAL QUARTZ N

0804 658001 2001-11-01 D-1 A

POOL DESIGNATION (cont'd)

0804 658004	2001-02-01	D-1 D
0804 658005	2001-02-01	D-1 E
0804 696001	2001-11-01	D-2 A
0804 696002	2010-04-01	D-2 B
0804 720001	2001-11-01	D-3 A
0804 720002	2010-04-01	D-3 B

SPACING PATTERN

SU 2502	24 Jan 1996
SU 2502A	28 Feb 2007

COMMINGLED PRODUCTION

MU 6830	27 Mar 2008
---------	-------------

SUBSURFACE DISPOSAL SCHEMES

App 5917F 5 Sep 2017
Class III Acid Gas
Obsidian Energy Ltd.

App 7749B 23 Feb 2012
Class II
Sinopec Daylight Energy Ltd.

FIELD DESIGNATION

0854 2011-03-01 ST ANNE FIELD

POOL DESIGNATION

0854 126001 2001-03-01 BELLY RIVER A

0854 126005 2010-04-01 BELLY RIVER E

0854 134001 2005-07-01 BASAL BELLY RIVER A

0854 134002 2005-07-01 BASAL BELLY RIVER B

0854 134003 2005-07-01 BASAL BELLY RIVER C

0854 218001 2008-12-01 VIKING A

0854 218002 2011-03-01 VIKING B

0854 218003 2011-03-01 VIKING C

0854 218004 2011-08-01 VIKING D

0854 250001 2001-03-01 UPPER MANNVILLE A

0854 250002 2008-07-01 UPPER MANNVILLE B

0854 250003 2001-12-01 UPPER MANNVILLE C

0854 250004 2004-06-01 UPPER MANNVILLE D

0854 250005 2006-04-01 UPPER MANNVILLE E

0854 250006 2006-08-01 UPPER MANNVILLE F

0854 250007 2009-09-01 UPPER MANNVILLE G

0854 250008 2011-03-01 UPPER MANNVILLE H

0854 300001 2001-02-01 GLAUCONITIC A

0854 300002 2001-02-01 GLAUCONITIC B

0854 300003 2001-03-01 GLAUCONITIC C

0854 300004 2010-04-01 GLAUCONITIC D

0854 300005 2011-03-01 GLAUCONITIC E

0854 316001 2011-03-01 OSTRACOD A

0854 316002 2016-09-01 OSTRACOD B

0854 444001 2011-03-01 NORDEGG A

0854 444002 2001-02-01 NORDEGG B

POOL DESIGNATION (cont'd)

0854 444003	2011-03-01	NORDEGG C
0854 444004	2011-03-01	NORDEGG D
0854 644001	2007-12-01	BANFF A
0854 644002	2001-02-01	BANFF B
0854 644003	2001-02-01	BANFF C
0854 644004	2001-02-01	BANFF D
0854 644006	2001-02-01	BANFF F
0854 644007	2001-02-01	BANFF G
0854 644008	2010-04-01	BANFF H
0854 644009	2001-02-01	BANFF I
0854 644011	2007-04-01	BANFF K
0854 644012	2001-02-01	BANFF L
0854 644013	2013-07-01	BANFF M
0854 644014	2011-03-01	BANFF N

SPACING PATTERN

SU 2246	21 Jun 1995
SU 2246A	14 Apr 1998
SU 2246B	20 Oct 1999
SU 2246C	13 Sep 2007

SUBSURFACE DISPOSAL SCHEMES

App 4282C	25 Jul 2011
Class II	
Taqqa North Ltd.	

COMMINGLED PRODUCTION

MU 628	22 Feb 1988
--------	-------------

ENHANCED RECOVERY SCHEMES

App 11392A	8 Jul 2011
Waterflood	
Banff M	
Harvest Operations Corp.	

FIELD DESIGNATION

0808 2012-02-01 ST PAUL FIELD

POOL DESIGNATION

0808 218001 2012-02-01 VIKING A
0808 218003 2011-05-01 VIKING C
0808 218004 2007-12-01 VIKING D
0808 218005 2011-02-01 VIKING E
0808 218006 2011-02-01 VIKING F
0808 218007 2011-05-01 VIKING G
0808 218008 2011-05-01 VIKING H
0808 218009 2011-05-01 VIKING I
0808 218010 2012-01-01 VIKING J

0808 250001 2001-02-01 UPPER MANNVILLE A
0808 250002 2001-02-01 UPPER MANNVILLE B
0808 250003 2001-02-01 UPPER MANNVILLE C
0808 250004 2005-11-01 UPPER MANNVILLE D
0808 250006 2001-02-01 UPPER MANNVILLE F
0808 250007 2001-02-01 UPPER MANNVILLE G
0808 250008 2017-03-01 UPPER MANNVILLE H
0808 250010 2001-02-01 UPPER MANNVILLE J
0808 250011 2001-02-01 UPPER MANNVILLE K
0808 250012 2001-02-01 UPPER MANNVILLE L
0808 250014 2001-02-01 UPPER MANNVILLE N
0808 250015 2001-02-01 UPPER MANNVILLE O
0808 250016 2017-03-01 UPPER MANNVILLE P
0808 250017 2001-02-01 UPPER MANNVILLE Q
0808 250020 2001-02-01 UPPER MANNVILLE T
0808 250022 2001-02-01 UPPER MANNVILLE V
0808 250023 2001-02-01 UPPER MANNVILLE W
0808 250024 2005-10-01 UPPER MANNVILLE X
0808 250025 2005-12-01 UPPER MANNVILLE Y
0808 250026 2001-02-01 UPPER MANNVILLE Z
0808 250027 2001-02-01 UPPER MANNVILLE AA
0808 250028 2001-02-01 UPPER MANNVILLE BB

POOL DESIGNATION (cont'd)

0808 250029 2004-05-01	UPPER MANNVILLE CC
0808 250030 2001-02-01	UPPER MANNVILLE DD
0808 250031 2001-02-01	UPPER MANNVILLE EE
0808 250032 2001-02-01	UPPER MANNVILLE FF
0808 250033 2007-04-01	UPPER MANNVILLE GG
0808 250034 2001-02-01	UPPER MANNVILLE HH
0808 250035 2001-02-01	UPPER MANNVILLE II
0808 250036 2001-03-01	UPPER MANNVILLE JJ
0808 250037 2001-03-01	UPPER MANNVILLE KK
0808 250038 2001-03-01	UPPER MANNVILLE LL
0808 250039 2001-03-01	UPPER MANNVILLE MM
0808 250040 2001-03-01	UPPER MANNVILLE NN
0808 250041 2001-03-01	UPPER MANNVILLE OO
0808 250042 2001-03-01	UPPER MANNVILLE PP
0808 250043 2001-03-01	UPPER MANNVILLE QQ
0808 250044 2001-03-01	UPPER MANNVILLE RR
0808 250045 2001-03-01	UPPER MANNVILLE SS
0808 250046 2001-03-01	UPPER MANNVILLE TT
0808 250047 2001-03-01	UPPER MANNVILLE UU
0808 250048 2001-03-01	UPPER MANNVILLE VV
0808 250049 2001-03-01	UPPER MANNVILLE WW
0808 250050 2002-05-01	UPPER MANNVILLE XX
0808 250051 2010-04-01	UPPER MANNVILLE YY
0808 250052 2003-05-01	UPPER MANNVILLE ZZ
0808 250701 2003-09-01	UPPER MANNVILLE AAA
0808 250702 2003-09-01	UPPER MANNVILLE BBB
0808 250703 2004-01-01	UPPER MANNVILLE CCC
0808 250704 2010-04-01	UPPER MANNVILLE DDD
0808 250705 2004-05-01	UPPER MANNVILLE EEE
0808 250707 2004-12-01	UPPER MANNVILLE GGG
0808 250708 2005-06-01	UPPER MANNVILLE HHH
0808 250709 2005-10-01	UPPER MANNVILLE III
0808 250710 2005-12-01	UPPER MANNVILLE JJJ
0808 250711 2006-07-01	UPPER MANNVILLE KKK
0808 250712 2006-04-01	UPPER MANNVILLE LLL
0808 250713 2006-04-01	UPPER MANNVILLE MMM
0808 250714 2006-04-01	UPPER MANNVILLE NNN
0808 250715 2007-09-01	UPPER MANNVILLE OOO

POOL DESIGNATION (cont'd)

0808 250716 2007-09-01	UPPER MANNVILLE PPP
0808 250717 2007-09-01	UPPER MANNVILLE QQQ
0808 250718 2010-04-01	UPPER MANNVILLE RRR
0808 250719 2007-09-01	UPPER MANNVILLE SSS
0808 250720 2008-10-01	UPPER MANNVILLE TTT
0808 250721 2008-12-01	UPPER MANNVILLE UUU
0808 250722 2011-06-01	UPPER MANNVILLE VVV
0808 250723 2015-03-01	UPPER MANNVILLE WWW
0808 250724 2016-12-01	UPPER MANNVILLE XXX
0808 250725 2016-12-01	UPPER MANNVILLE YYY
0808 310001 2001-02-01	LOWER MANNVILLE A

SPACING PATTERN

SU 2716 20 Mar 1996

COMMINGLED PRODUCTION

MU 6404 25 Jan 2007

INDEX OF AER ORDERS AND APPROVALS

STA

STANDOFF FIELD

1262

October 2017

Page 1 of 1

FIELD DESIGNATION

1262 2001-02-01 STANDOFF FIELD

POOL DESIGNATION

1262 610001 2001-02-01 RUNDLE A

FIELD DESIGNATION

0864 2017-04-01 STANMORE FIELD

POOL DESIGNATION

0864 126001 2001-02-01 BELLY RIVER A
0864 126002 2001-02-01 BELLY RIVER B
0864 126003 2001-02-01 BELLY RIVER C
0864 126004 2001-02-01 BELLY RIVER D
0864 126007 2001-02-01 BELLY RIVER G
0864 126008 2005-10-01 BELLY RIVER H
0864 126009 2005-11-01 BELLY RIVER I
0864 126010 2010-04-01 BELLY RIVER J
0864 126011 2006-11-01 BELLY RIVER K
0864 126012 2011-04-01 BELLY RIVER L
0864 126013 2011-01-01 BELLY RIVER M
0864 126014 2011-09-01 BELLY RIVER N
0864 126015 2017-07-01 BELLY RIVER O

0864 134002 2005-07-01 BASAL BELLY RIVER B
0864 134003 2017-07-01 BASAL BELLY RIVER C
0864 134004 2017-07-01 BASAL BELLY RIVER D

0864 218001 2010-04-01 VIKING A
0864 218002 2010-04-01 VIKING B
0864 218004 2010-04-01 VIKING D
0864 218005 2001-02-01 VIKING E
0864 218007 2001-02-01 VIKING G
0864 218010 2001-02-01 VIKING J
0864 218012 2001-02-01 VIKING L
0864 218013 2001-02-01 VIKING M
0864 218014 2001-02-01 VIKING N
0864 218016 2001-02-01 VIKING P
0864 218017 2001-02-01 VIKING Q
0864 218018 2001-02-01 VIKING R
0864 218019 2001-02-01 VIKING S
0864 218020 2010-04-01 VIKING T

POOL DESIGNATION (cont'd)

0864 218021 2001-02-01	VIKING U
0864 218022 2002-06-01	VIKING V
0864 218023 2001-10-01	VIKING W
0864 218024 2001-03-01	VIKING X
0864 218025 2001-03-01	VIKING Y
0864 218026 2001-03-01	VIKING Z
0864 218027 2001-12-01	VIKING AA
0864 218028 2002-04-01	VIKING BB
0864 218029 2002-10-01	VIKING CC
0864 218031 2005-02-01	VIKING EE
0864 218032 2006-03-01	VIKING FF
0864 218033 2006-10-01	VIKING GG
0864 218034 2007-05-01	VIKING HH
0864 218035 2007-09-01	VIKING II
0864 218036 2008-05-01	VIKING JJ
0864 218037 2008-08-01	VIKING KK
0864 218038 2009-03-01	VIKING LL
0864 218039 2009-03-01	VIKING MM
0864 218040 2009-03-01	VIKING NN
0864 218041 2013-03-01	VIKING OO
0864 242001 2001-03-01	BASAL COLORADO A
0864 250001 2001-02-01	UPPER MANNVILLE A
0864 250002 2010-04-01	UPPER MANNVILLE B
0864 250003 2001-02-01	UPPER MANNVILLE C
0864 250007 2001-02-01	UPPER MANNVILLE G
0864 250008 2010-02-01	UPPER MANNVILLE H
0864 250009 2010-04-01	UPPER MANNVILLE I
0864 250010 2001-02-01	UPPER MANNVILLE J
0864 250012 2001-02-01	UPPER MANNVILLE L
0864 250014 2001-02-01	UPPER MANNVILLE N
0864 250015 2001-02-01	UPPER MANNVILLE O
0864 250016 2017-04-01	UPPER MANNVILLE P
0864 250020 2001-02-01	UPPER MANNVILLE T
0864 250022 2001-02-01	UPPER MANNVILLE V
0864 250023 2001-02-01	UPPER MANNVILLE W
0864 250024 2005-11-01	UPPER MANNVILLE X

POOL DESIGNATION (cont'd)

0864 250025 2001-02-01	UPPER MANNVILLE Y
0864 250026 2002-06-01	UPPER MANNVILLE Z
0864 250027 2010-04-01	UPPER MANNVILLE AA
0864 250029 2001-02-01	UPPER MANNVILLE CC
0864 250031 2001-02-01	UPPER MANNVILLE EE
0864 250032 2005-09-01	UPPER MANNVILLE FF
0864 250033 2010-04-01	UPPER MANNVILLE GG
0864 250034 2001-02-01	UPPER MANNVILLE HH
0864 250035 2001-02-01	UPPER MANNVILLE II
0864 250036 2001-02-01	UPPER MANNVILLE JJ
0864 250037 2001-02-01	UPPER MANNVILLE KK
0864 250038 2001-02-01	UPPER MANNVILLE LL
0864 250039 2001-02-01	UPPER MANNVILLE MM
0864 250040 2001-02-01	UPPER MANNVILLE NN
0864 250042 2001-02-01	UPPER MANNVILLE PP
0864 250043 2001-02-01	UPPER MANNVILLE QQ
0864 250044 2004-08-01	UPPER MANNVILLE RR
0864 250045 2002-06-01	UPPER MANNVILLE SS
0864 250046 2001-02-01	UPPER MANNVILLE TT
0864 250047 2001-02-01	UPPER MANNVILLE UU
0864 250049 2001-02-01	UPPER MANNVILLE WW
0864 250050 2001-02-01	UPPER MANNVILLE XX
0864 250051 2001-02-01	UPPER MANNVILLE YY
0864 250052 2001-02-01	UPPER MANNVILLE ZZ
0864 250701 2010-04-01	UPPER MANNVILLE AAA
0864 250702 2002-09-01	UPPER MANNVILLE BBB
0864 250703 2001-02-01	UPPER MANNVILLE CCC
0864 250705 2001-02-01	UPPER MANNVILLE EEE
0864 250706 2001-02-01	UPPER MANNVILLE FFF
0864 250707 2001-02-01	UPPER MANNVILLE GGG
0864 250708 2001-02-01	UPPER MANNVILLE HHH
0864 250709 2003-07-01	UPPER MANNVILLE III
0864 250711 2001-02-01	UPPER MANNVILLE KKK
0864 250712 2001-02-01	UPPER MANNVILLE LLL
0864 250713 2001-02-01	UPPER MANNVILLE MMM
0864 250714 2001-02-01	UPPER MANNVILLE NNN
0864 250715 2005-11-01	UPPER MANNVILLE OOO
0864 250717 2001-03-01	UPPER MANNVILLE QQQ

POOL DESIGNATION (cont'd)

0864 250718 2001-03-01	UPPER MANNVILLE RRR
0864 250719 2010-04-01	UPPER MANNVILLE SSS
0864 250720 2012-06-01	UPPER MANNVILLE TTT
0864 250721 2001-10-01	UPPER MANNVILLE UUU
0864 250722 2010-04-01	UPPER MANNVILLE VVV
0864 250725 2010-04-01	UPPER MANNVILLE YYY
0864 250729 2002-06-01	UPPER MANNVILLE C2C
0864 250730 2002-06-01	UPPER MANNVILLE D2D
0864 250732 2003-02-01	UPPER MANNVILLE F2F
0864 250733 2002-06-01	UPPER MANNVILLE G2G
0864 250735 2002-06-01	UPPER MANNVILLE I2I
0864 250736 2002-06-01	UPPER MANNVILLE J2J
0864 250737 2002-06-01	UPPER MANNVILLE K2K
0864 250738 2002-06-01	UPPER MANNVILLE L2L
0864 250739 2002-06-01	UPPER MANNVILLE M2M
0864 250740 2002-06-01	UPPER MANNVILLE N2N
0864 250741 2002-07-01	UPPER MANNVILLE O2O
0864 250742 2002-07-01	UPPER MANNVILLE P2P
0864 250743 2002-07-01	UPPER MANNVILLE Q2Q
0864 250745 2002-07-01	UPPER MANNVILLE S2S
0864 250746 2010-04-01	UPPER MANNVILLE T2T
0864 250747 2003-01-01	UPPER MANNVILLE U2U
0864 250748 2003-01-01	UPPER MANNVILLE V2V
0864 250749 2003-03-01	UPPER MANNVILLE W2W
0864 250750 2003-10-01	UPPER MANNVILLE X2X
0864 250751 2004-02-01	UPPER MANNVILLE Y2Y
0864 250752 2004-05-01	UPPER MANNVILLE Z2Z
0864 251101 2004-11-01	UPPER MANNVILLE A3A
0864 251103 2005-09-01	UPPER MANNVILLE C3C
0864 251104 2010-04-01	UPPER MANNVILLE D3D
0864 251105 2005-12-01	UPPER MANNVILLE E3E
0864 251106 2006-01-01	UPPER MANNVILLE F3F
0864 251107 2009-02-01	UPPER MANNVILLE G3G
0864 251108 2006-02-01	UPPER MANNVILLE H3H
0864 251109 2006-10-01	UPPER MANNVILLE I3I
0864 251111 2008-05-01	UPPER MANNVILLE K3K
0864 251112 2008-11-01	UPPER MANNVILLE L3L
0864 251113 2009-03-01	UPPER MANNVILLE M3M

POOL DESIGNATION (cont'd)

0864 251114 2009-06-01	UPPER MANNVILLE N3N
0864 251115 2009-10-01	UPPER MANNVILLE O3O
0864 251116 2010-03-01	UPPER MANNVILLE P3P
0864 251117 2010-03-01	UPPER MANNVILLE Q3Q
0864 251118 2010-04-01	UPPER MANNVILLE R3R
0864 251119 2010-05-01	UPPER MANNVILLE S3S
0864 251120 2011-11-01	UPPER MANNVILLE T3T
0864 251121 2012-07-01	UPPER MANNVILLE U3U
0864 251122 2016-05-01	UPPER MANNVILLE V3V
0864 251123 2016-05-01	UPPER MANNVILLE W3W
0864 251124 2013-03-01	UPPER MANNVILLE X3X
0864 310008 2001-02-01	LOWER MANNVILLE H
0864 310011 2001-02-01	LOWER MANNVILLE K
0864 310023 2001-02-01	LOWER MANNVILLE W
0864 310030 2014-05-01	LOWER MANNVILLE DD
0864 310032 2010-04-01	LOWER MANNVILLE FF
0864 310033 2001-02-01	LOWER MANNVILLE GG
0864 310035 2001-02-01	LOWER MANNVILLE II
0864 310036 2001-02-01	LOWER MANNVILLE JJ
0864 310038 2001-02-01	LOWER MANNVILLE LL
0864 310039 2001-03-01	LOWER MANNVILLE MM
0864 310040 2004-01-01	LOWER MANNVILLE NN
0864 310042 2006-02-01	LOWER MANNVILLE PP
0864 310043 2009-03-01	LOWER MANNVILLE QQ
0864 310044 2010-05-01	LOWER MANNVILLE RR
0864 310045 2011-11-01	LOWER MANNVILLE SS
0864 310046 2013-06-01	LOWER MANNVILLE TT
0864 316003 2001-02-01	OSTRACOD C
0864 350001 2006-03-01	DETRITAL A
0864 350002 2010-02-01	DETRITAL B
0864 644001 2001-02-01	BANFF A
0864 644002 2008-07-01	BANFF B
0864 644003 2010-03-01	BANFF C
0864 644004 2013-07-01	BANFF D

POOL DESIGNATION (cont'd)

0864 853600 2010-04-01 MFP8536 MILK RIVER

0864 854800 2008-11-01 MFP8548 MILK RIVER

SPACING PATTERN

SU 2953 6 Jan 2000
SU 2953A 18 May 2000
SU 2953B 18 Jan 2001
SU 2953C 12 Dec 2005
SU 2953D 26 Apr 2006
SU 2953E 18 Jan 2007
SU 2953F 23 Mar 2007

COMMINGLED PRODUCTION

MU 8601 12 Mar 2014

ENHANCED RECOVERY SCHEMES

App 8803G 9 Feb 2015
Waterflood
Upper Mannville SSS
Pengrowth Energy Corporation

SUBSURFACE DISPOSAL SCHEMES

App 10748B 13 Apr 2012
Class Ib
Tervita Corporation

FIELD DESIGNATION

0862 2014-01-01 STEELE FIELD

POOL DESIGNATION

0862 218001 2001-02-01 VIKING A
0862 218002 2001-02-01 VIKING B
0862 218003 2001-02-01 VIKING C
0862 218004 2004-01-01 VIKING D
0862 218005 2001-02-01 VIKING E
0862 218006 2001-02-01 VIKING F
0862 218007 2001-02-01 VIKING G
0862 218008 2002-03-01 VIKING H

0862 250001 2001-02-01 UPPER MANNVILLE A
0862 250002 2001-02-01 UPPER MANNVILLE B
0862 250003 2001-02-01 UPPER MANNVILLE C
0862 250004 2001-02-01 UPPER MANNVILLE D
0862 250005 2010-04-01 UPPER MANNVILLE E
0862 250007 2001-02-01 UPPER MANNVILLE G
0862 250009 2011-03-01 UPPER MANNVILLE I
0862 250011 2001-02-01 UPPER MANNVILLE K
0862 250012 2001-02-01 UPPER MANNVILLE L
0862 250013 2001-02-01 UPPER MANNVILLE M
0862 250014 2001-02-01 UPPER MANNVILLE N
0862 250015 2010-04-01 UPPER MANNVILLE O
0862 250016 2015-03-01 UPPER MANNVILLE P
0862 250017 2007-05-01 UPPER MANNVILLE Q
0862 250018 2001-02-01 UPPER MANNVILLE R
0862 250019 2001-03-01 UPPER MANNVILLE S
0862 250020 2017-09-01 UPPER MANNVILLE T
0862 250021 2001-03-01 UPPER MANNVILLE U
0862 250022 2009-02-01 UPPER MANNVILLE V
0862 250025 2006-03-01 UPPER MANNVILLE Y
0862 250026 2006-04-01 UPPER MANNVILLE Z
0862 250028 2007-05-01 UPPER MANNVILLE BB
0862 250029 2013-02-01 UPPER MANNVILLE CC

POOL DESIGNATION (cont'd)

0862 250031 2008-11-01	UPPER MANNVILLE EE
0862 250032 2017-09-01	UPPER MANNVILLE FF
0862 250033 2012-05-01	UPPER MANNVILLE GG
0862 250034 2014-01-01	UPPER MANNVILLE HH
0862 262001 2010-04-01	GRAND RAPIDS A
0862 262003 2001-02-01	GRAND RAPIDS C
0862 262004 2001-02-01	GRAND RAPIDS D
0862 262005 2001-02-01	GRAND RAPIDS E
0862 262006 2001-02-01	GRAND RAPIDS F
0862 262007 2001-02-01	GRAND RAPIDS G
0862 262008 2001-02-01	GRAND RAPIDS H
0862 262009 2001-02-01	GRAND RAPIDS I
0862 262010 2001-02-01	GRAND RAPIDS J
0862 262011 2001-02-01	GRAND RAPIDS K
0862 262012 2001-02-01	GRAND RAPIDS L
0862 262013 2001-02-01	GRAND RAPIDS M
0862 262014 2001-02-01	GRAND RAPIDS N
0862 262015 2003-06-01	GRAND RAPIDS O
0862 262016 2015-03-01	GRAND RAPIDS P
0862 262017 2001-02-01	GRAND RAPIDS Q
0862 262018 2001-02-01	GRAND RAPIDS R
0862 262019 2013-02-01	GRAND RAPIDS S
0862 262020 2010-04-01	GRAND RAPIDS T
0862 262021 2001-02-01	GRAND RAPIDS U
0862 262022 2001-02-01	GRAND RAPIDS V
0862 262023 2001-02-01	GRAND RAPIDS W
0862 262025 2001-02-01	GRAND RAPIDS Y
0862 262026 2001-02-01	GRAND RAPIDS Z
0862 262027 2001-02-01	GRAND RAPIDS AA
0862 262028 2001-02-01	GRAND RAPIDS BB
0862 262029 2001-02-01	GRAND RAPIDS CC
0862 262030 2004-11-01	GRAND RAPIDS DD
0862 262031 2001-02-01	GRAND RAPIDS EE
0862 262032 2001-02-01	GRAND RAPIDS FF
0862 262033 2001-02-01	GRAND RAPIDS GG
0862 262034 2001-03-01	GRAND RAPIDS HH
0862 262036 2010-04-01	GRAND RAPIDS JJ

POOL DESIGNATION (cont'd)

0862 262037 2004-11-01 GRAND RAPIDS KK
0862 262038 2013-07-01 GRAND RAPIDS LL
0862 262039 2007-05-01 GRAND RAPIDS MM
0862 262040 2011-03-01 GRAND RAPIDS NN
0862 262041 2010-04-01 GRAND RAPIDS OO
0862 262042 2008-03-01 GRAND RAPIDS PP

0862 328001 2001-02-01 MCMURRAY A
0862 328002 2001-02-01 MCMURRAY B
0862 328003 2001-02-01 MCMURRAY C
0862 328005 2001-02-01 MCMURRAY E
0862 328006 2001-02-01 MCMURRAY F
0862 328007 2001-02-01 MCMURRAY G
0862 328008 2004-10-01 MCMURRAY H
0862 328009 2007-03-01 MCMURRAY I
0862 328010 2007-03-01 MCMURRAY J

0862 658003 2001-02-01 WABAMUN C
0862 658004 2003-11-01 WABAMUN D
0862 658005 2001-02-01 WABAMUN E
0862 658006 2001-02-01 WABAMUN F
0862 658008 2010-04-01 WABAMUN H
0862 658009 2001-02-01 WABAMUN I
0862 658010 2001-02-01 WABAMUN J
0862 658011 2001-02-01 WABAMUN K

SPACING PATTERN

SU 2187 15 May 1995
SU 2187A 14 Dec 1995
SU 2187B 30 May 1996
SU 2187C 3 Dec 1996
SU 2187D 5 Sep 2003

COMMINGLED PRODUCTION

MU 8689 28 Oct 2014
MU 5263 9 Feb 2006

SUBSURFACE DISPOSAL SCHEMES

App 6093A 17 Sep 2012
Class II
Husky Oil Operations Limited

FIELD DESIGNATION

0875 2005-10-01 STEEN FIELD

POOL DESIGNATION

0875 000901 2003-07-01 DRIFT A

0875 000902 2005-10-01 DRIFT B

0875 304003 2010-04-01 BLUESKY C

SPACING PATTERN

SU 4040 16 Dec 2002

SU 4040A 5 Nov 2004

SU 4040B 16 Jan 2006

SUBSURFACE DISPOSAL SCHEMES

App 9439B 2 Sept 2014
Class II
Four Winds Energy Services Ltd.

App 12293A 17 Feb 2015
Class II & Ib
Four Winds Energy Services Ltd.

INDEX OF AER ORDERS AND APPROVALS

STE

STEEP BANK AREA

1263

October 2017

Page 1 of 1

SUBSURFACE DISPOSAL SCHEMES

App 6616A 24 July 2012

Class II

Chevron Canada Limited

FIELD DESIGNATION

0866 2010-11-01 STETTLER FIELD

POOL DESIGNATION

0866 106001 2001-03-01 EDMONTON A
0866 106006 2006-06-01 EDMONTON F

0866 126002 2007-06-01 BELLY RIVER B
0866 126003 2011-02-01 BELLY RIVER C
0866 126004 2011-04-01 BELLY RIVER D
0866 126005 2014-07-01 BELLY RIVER E

0866 218001 2010-04-01 VIKING A
0866 218002 2008-09-01 VIKING B

0866 250004 2010-04-01 UPPER MANNVILLE D
0866 250005 2010-04-01 UPPER MANNVILLE E
0866 250006 2001-02-01 UPPER MANNVILLE F
0866 250007 2001-12-01 UPPER MANNVILLE G
0866 250008 2001-12-01 UPPER MANNVILLE H
0866 250009 2001-12-01 UPPER MANNVILLE I
0866 250010 2003-12-01 UPPER MANNVILLE J
0866 250011 2007-09-01 UPPER MANNVILLE K
0866 250012 2008-02-01 UPPER MANNVILLE L

0866 310001 2001-02-01 LOWER MANNVILLE A

0866 658001 2015-02-01 D-1 A

0866 696001 2010-04-01 D-2 A
0866 696002 2001-02-01 D-2 B
0866 696003 2001-02-01 D-2 C

0866 720001 2011-07-01 D-3 A
0866 720002 2010-04-01 D-3 B
0866 720004 2001-10-01 D-3 D

POOL DESIGNATION (cont'd)

0866 720005 2001-10-01 D-3 E
 0866 720006 2001-02-01 D-3 F
 0866 720007 2001-02-01 D-3 G

0866 850600 2011-03-01 MFP8506 BELLY RIVER

0866 853500 2011-01-01 MFP8535 BSL BELLY RIV

0866 853900 2011-03-01 MFP8539 LWR EDMONTON

SPACING PATTERN

SU 2271 28 Jun 1995
 SU 2271A 12 Sep 1996
 SU 2271B 16 Nov 1999
 SU 2271C 19 Sep 2005
 SU 2271D 16 Nov 2005
 SU 2271E 28 Feb 2006
 SU 2271F 15 May 2006

SUBSURFACE DISPOSAL SCHEMES

App 3620A 9 Oct 2012
 Class II
 Wolf Coulee Resources Inc.

 App 7630A 15 Dec 2010
 Class Ib
 Newalta Corporation

COMMINGLED PRODUCTION

MU 8123 19 Oct 2011

App 8389 11 Sep 1998

App 8389A 3 Feb 2000
 Class II
 Bearspaw Petroleum Ltd.

ENHANCED RECOVERY SCHEMES

App 5695F 16 Jun 2016
 Waterflood
 D-2 A
 Bearspaw Petroleum Ltd.

App 10308 30 May 2005
 Class II disposal
 Terroco Industries Ltd.

COMPULSORY POOLING

App 9852 12 May 2004
 Other
 D-3 A
 Bearspaw Petroleum Ltd.

P 184 6 Oct 1999
 Gas
 23-038-20W4M
 Bearspaw Petroleum Ltd.

COMPULSORY POOLING (cont'd)

P 245 15 Dec 2003
Gas
02-038-20W4M
MGV Energy Inc.

P 417 10 Nov 2010
P 417A 5 Apr 2011
P 417B 2 May 2014
Gas
05-038-20W4M
Bears paw Petroleum Ltd.

FIELD DESIGNATION

0867 2011-09-01 STETTLER NORTH FIELD

POOL DESIGNATION

0867 134001 2005-07-01 BASAL BELLY RIVER A
0867 134002 2011-09-01 BASAL BELLY RIVER B
0867 134003 2011-09-01 BASAL BELLY RIVER C
0867 134004 2011-09-01 BASAL BELLY RIVER D

0867 218001 2001-02-01 VIKING A
0867 218002 2004-03-01 VIKING B
0867 218003 2010-11-01 VIKING C

0867 250001 2014-06-01 UPPER MANNVILLE A
0867 250004 2001-02-01 UPPER MANNVILLE D
0867 250005 2001-03-01 UPPER MANNVILLE E
0867 250006 2006-04-01 UPPER MANNVILLE F
0867 250007 2010-04-01 UPPER MANNVILLE G
0867 250008 2011-12-01 UPPER MANNVILLE H
0867 250009 2010-11-01 UPPER MANNVILLE I
0867 250010 2013-11-01 UPPER MANNVILLE J

0867 310002 2001-02-01 LOWER MANNVILLE B
0867 310003 2001-02-01 LOWER MANNVILLE C
0867 310004 2001-02-01 LOWER MANNVILLE D
0867 310005 2001-02-01 LOWER MANNVILLE E
0867 310006 2001-02-01 LOWER MANNVILLE F
0867 310007 2001-02-01 LOWER MANNVILLE G
0867 310008 2004-11-01 LOWER MANNVILLE H
0867 310009 2001-06-01 LOWER MANNVILLE I
0867 310010 2010-04-01 LOWER MANNVILLE J
0867 310011 2013-01-01 LOWER MANNVILLE K
0867 310012 2013-07-01 LOWER MANNVILLE L

0867 853900 2010-11-01 MFP8539 LWR EDMONTON

SPACING PATTERN

SU 2520 17 Jan 1996

SU 4330 21 Feb 2006

SU 4330A 10 Oct 2007

COMMINGLED PRODUCTION

MU 5743 20 Jun 2006

COMPULSORY POOLING

P 327 18 Oct 2007

P 327A 29 Apr 2008

Gas

08-039-19W4M

Bearspaw Petroleum Ltd.

FIELD DESIGNATION

0865 2001-02-01 STEVE FIELD

POOL DESIGNATION

0865 256001 2010-04-01 COLONY A
0865 256002 2001-02-01 COLONY B
0865 256003 2010-04-01 COLONY C
0865 256004 2001-02-01 COLONY D
0865 256005 2001-02-01 COLONY E
0865 256006 2001-02-01 COLONY F
0865 256007 2001-02-01 COLONY G
0865 256008 2008-01-01 COLONY H

0865 262001 2001-02-01 GRAND RAPIDS A
0865 262002 2001-02-01 GRAND RAPIDS B

SPACING PATTERN

SU 2746 9 May 1996

FIELD DESIGNATION

0849 2012-09-01 STEWART FIELD

POOL DESIGNATION

0849 106005 2010-04-01 EDMONTON E
0849 106006 2008-01-01 EDMONTON F
0849 106007 2012-01-01 EDMONTON G
0849 106008 2011-03-01 EDMONTON H
0849 106009 2013-04-01 EDMONTON I
0849 106010 2013-04-01 EDMONTON J

0849 118801 2013-07-01 LOWER EDMONTON A
0849 118802 2017-05-01 LOWER EDMONTON B
0849 118804 2008-03-01 LOWER EDMONTON D
0849 118805 2010-04-01 LOWER EDMONTON E
0849 118806 2008-01-01 LOWER EDMONTON F
0849 118807 2008-01-01 LOWER EDMONTON G
0849 118808 2009-07-01 LOWER EDMONTON H
0849 118809 2009-07-01 LOWER EDMONTON I
0849 118810 2009-07-01 LOWER EDMONTON J
0849 118811 2012-01-01 LOWER EDMONTON K
0849 118812 2009-07-01 LOWER EDMONTON L
0849 118813 2009-07-01 LOWER EDMONTON M
0849 118814 2009-07-01 LOWER EDMONTON N
0849 118815 2014-05-01 LOWER EDMONTON O
0849 118816 2009-11-01 LOWER EDMONTON P
0849 118817 2009-11-01 LOWER EDMONTON Q
0849 118818 2010-03-01 LOWER EDMONTON R
0849 118819 2011-03-01 LOWER EDMONTON S
0849 118820 2013-04-01 LOWER EDMONTON T
0849 118821 2013-04-01 LOWER EDMONTON U
0849 118822 2013-04-01 LOWER EDMONTON V
0849 118823 2013-04-01 LOWER EDMONTON W
0849 118824 2013-04-01 LOWER EDMONTON X
0849 118825 2017-05-01 LOWER EDMONTON Y
0849 118826 2013-04-01 LOWER EDMONTON Z

POOL DESIGNATION (cont'd)

0849 118827 2016-05-01	LOWER EDMONTON AA
0849 118828 2013-04-01	LOWER EDMONTON BB
0849 118829 2013-04-01	LOWER EDMONTON CC
0849 118830 2013-04-01	LOWER EDMONTON DD
0849 118831 2013-04-01	LOWER EDMONTON EE
0849 118832 2013-04-01	LOWER EDMONTON FF
0849 118833 2013-04-01	LOWER EDMONTON GG
0849 118834 2013-04-01	LOWER EDMONTON HH
0849 118835 2013-04-01	LOWER EDMONTON II
0849 118836 2013-04-01	LOWER EDMONTON JJ
0849 118837 2013-06-01	LOWER EDMONTON KK
0849 118838 2015-02-01	LOWER EDMONTON LL
0849 126017 2009-11-01	BELLY RIVER Q
0849 134001 2005-07-01	BASAL BELLY RIVER A
0849 134002 2005-07-01	BASAL BELLY RIVER B
0849 134003 2007-09-01	BASAL BELLY RIVER C
0849 134021 2015-02-01	BASAL BELLY RIVER U
0849 218001 2007-05-01	VIKING A
0849 218002 2010-04-01	VIKING B
0849 218004 2001-02-01	VIKING D
0849 218005 2009-11-01	VIKING E
0849 218006 2007-09-01	VIKING F
0849 218007 2008-03-01	VIKING G
0849 218008 2009-07-01	VIKING H
0849 218009 2009-07-01	VIKING I
0849 218010 2010-04-01	VIKING J
0849 218011 2009-07-01	VIKING K
0849 218012 2009-07-01	VIKING L
0849 218013 2009-07-01	VIKING M
0849 218014 2009-07-01	VIKING N
0849 218015 2013-03-01	VIKING O
0849 300002 2009-07-01	GLAUCONITIC B
0849 336001 2001-02-01	ELLERSLIE A

POOL DESIGNATION (cont'd)

0849 336002 2007-12-01	ELLERSLIE B
0849 336003 2007-09-01	ELLERSLIE C
0849 336004 2009-11-01	ELLERSLIE D
0849 336005 2014-06-01	ELLERSLIE E
0849 642001 2010-04-01	PEKISKO A
0849 642002 2009-07-01	PEKISKO B
0849 642003 2009-07-01	PEKISKO C
0849 642004 2009-07-01	PEKISKO D
0849 642005 2009-07-01	PEKISKO E
0849 696001 2013-07-01	NISKU A
0849 850600 2012-09-01	MFP8506 BELLY RIVER
0849 856000 2012-09-01	MFP8560 BSL BELLY RIV
0849 960500 2011-08-01	MFP9605 CBM LARD
0849 960600 2012-09-01	MFP9606 CBM CARB
0849 960700 2011-08-01	MFP9607 CBM UHSC
0849 960800 2011-08-01	MFP9608 CBM WAYN
0849 961300 2011-08-01	MFP9613 CBM RBSL
0849 961400 2013-06-01	MFP9614 CBM LETH
0849 961500 2011-08-01	MFP9615 CBM TABR
0849 961600 2011-08-01	MFP9616 CBM MCKY

SPACING PATTERN

SU 4277 12 Apr 2005
SU 4277A 7 May 2005
SU 4277B 9 Aug 2005
SU 4277C 6 Sep 2005
SU 4277D 9 Dec 2005

COMMINGLED PRODUCTION

MU 8364 27 Jun 2012

FIELD DESIGNATION

0869 2014-02-01 STIRLING FIELD

POOL DESIGNATION

0869 158001 2004-02-01 MILK RIVER A
0869 158002 2008-05-01 MILK RIVER B

0869 164001 2010-04-01 MEDICINE HAT A
0869 164003 2011-10-01 MEDICINE HAT C

0869 204004 2010-04-01 BARONS D
0869 204005 2011-04-01 BARONS E
0869 204006 2010-04-01 BARONS F
0869 204007 2014-01-01 BARONS G
0869 204008 2006-07-01 BARONS H
0869 204010 2014-02-01 BARONS J

0869 213001 2010-04-01 BOW ISLAND A
0869 213002 2014-04-01 BOW ISLAND B
0869 213005 2010-04-01 BOW ISLAND E
0869 213014 2010-04-01 BOW ISLAND N
0869 213015 2010-04-01 BOW ISLAND O
0869 213016 2007-09-01 BOW ISLAND P
0869 213017 2007-09-01 BOW ISLAND Q
0869 213018 2007-09-01 BOW ISLAND R
0869 213019 2014-01-01 BOW ISLAND S
0869 213020 2011-04-01 BOW ISLAND T
0869 213021 2011-05-01 BOW ISLAND U
0869 213022 2014-02-01 BOW ISLAND V
0869 213023 2014-02-01 BOW ISLAND W

0869 855200 2010-04-01 MFP8552 BOW ISLAND

SPACING PATTERN

SU 2731 2 May 1996

COMMINGLED PRODUCTION

MU 7545 5 Oct 2010

FIELD DESIGNATION

0870 2016-01-01 STOLBERG FIELD

POOL DESIGNATION

0870 176001 2001-10-01 CARDIUM A

0870 176002 2001-03-01 CARDIUM B

0870 176003 2013-07-01 CARDIUM C

0870 176004 2013-03-01 CARDIUM D

0870 176005 2013-02-01 CARDIUM E

0870 176006 2016-04-01 CARDIUM F

0870 176007 2016-03-01 CARDIUM G

0870 176008 2015-04-01 CARDIUM H

0870 176009 2013-07-01 CARDIUM I

0870 176012 2014-11-01 CARDIUM L

0870 176013 2014-11-01 CARDIUM M

0870 176014 2016-07-01 CARDIUM N

0870 176015 2015-02-01 CARDIUM O

0870 176016 2015-09-01 CARDIUM P

0870 176017 2015-12-01 CARDIUM Q

0870 176018 2016-01-01 CARDIUM R

0870 176019 2016-01-01 CARDIUM S

0870 176020 2016-01-01 CARDIUM T

0870 176021 2016-01-01 CARDIUM U

0870 176022 2016-01-01 CARDIUM V

0870 176023 2016-01-01 CARDIUM W

0870 176024 2016-01-01 CARDIUM X

0870 176025 2016-01-01 CARDIUM Y

0870 248001 2016-01-01 MANNVILLE A

0870 248002 2016-01-01 MANNVILLE B

0870 250001 2005-02-01 UPPER MANNVILLE A

0870 250002 2005-02-01 UPPER MANNVILLE B

0870 250003 2016-03-01 UPPER MANNVILLE C

0870 250004 2016-07-01 UPPER MANNVILLE D

POOL DESIGNATION (cont'd)

0870 266001 2010-04-01	NOTIKEWIN A
0870 316001 2010-04-01	OSTRACOD A
0870 316002 2012-07-01	OSTRACOD B
0870 610001 2002-12-01	RUNDLE A
0870 610002 2010-04-01	RUNDLE B
0870 610003 2001-02-01	RUNDLE C
0870 610004 2010-04-01	RUNDLE D
0870 610005 2008-11-01	RUNDLE E
0870 610006 2001-02-01	RUNDLE F
0870 610007 2012-01-01	RUNDLE G
0870 610008 2010-04-01	RUNDLE H
0870 610009 2008-10-01	RUNDLE I
0870 610010 2003-05-01	RUNDLE J
0870 610011 2004-04-01	RUNDLE K
0870 610012 2007-03-01	RUNDLE L
0870 630001 2016-01-01	TURNER VALLEY A
0870 630002 2016-01-01	TURNER VALLEY B
0870 630003 2016-01-01	TURNER VALLEY C
0870 630004 2016-01-01	TURNER VALLEY D
0870 630006 2016-01-01	TURNER VALLEY F
0870 630007 2016-01-01	TURNER VALLEY G
0870 630009 2016-01-01	TURNER VALLEY I
0870 630011 2016-01-01	TURNER VALLEY K
0870 630012 2016-01-01	TURNER VALLEY L
0870 630013 2016-01-01	TURNER VALLEY M
0870 630014 2016-01-01	TURNER VALLEY N
0870 630015 2016-01-01	TURNER VALLEY O
0870 630016 2016-01-01	TURNER VALLEY P
0870 630017 2016-01-01	TURNER VALLEY Q
0870 630018 2016-01-01	TURNER VALLEY R
0870 630019 2016-01-01	TURNER VALLEY S
0870 630020 2016-01-01	TURNER VALLEY T
0870 630021 2016-01-01	TURNER VALLEY U
0870 630022 2016-01-01	TURNER VALLEY V
0870 630023 2016-01-01	TURNER VALLEY W

POOL DESIGNATION (cont'd)

0870 630024 2016-01-01 TURNER VALLEY X
0870 630029 2016-01-01 TURNER VALLEY CC

SPACING PATTERN

SU 2809 7 Apr 1997
SU 2809A 13 Mar 1998

COMMINGLED PRODUCTION

MU 8773 13 Jan 2016

SUBSURFACE DISPOSAL SCHEMES

App 6582B 6 Jan 2016
Class II
Husky Oil Operations Limited

FIELD DESIGNATION

1266 2003-12-01 STOWE FIELD

POOL DESIGNATION

1266 304001 2002-12-01 BLUESKY A
1266 304002 2003-04-01 BLUESKY B
1266 304003 2003-12-01 BLUESKY C
1266 304004 2004-04-01 BLUESKY D
1266 304005 2004-01-01 BLUESKY E
1266 304006 2004-01-01 BLUESKY F

FIELD DESIGNATION

0861 2001-03-01 STRY FIELD

POOL DESIGNATION

0861 218001 2010-04-01 VIKING A
0861 218002 2010-04-01 VIKING B
0861 218003 2010-12-01 VIKING C

0861 250001 2014-04-01 UPPER MANNVILLE A
0861 250002 2010-04-01 UPPER MANNVILLE B
0861 250003 2010-04-01 UPPER MANNVILLE C
0861 250004 2001-02-01 UPPER MANNVILLE D
0861 250005 2001-02-01 UPPER MANNVILLE E
0861 250006 2010-04-01 UPPER MANNVILLE F
0861 250007 2010-04-01 UPPER MANNVILLE G
0861 250009 2010-04-01 UPPER MANNVILLE I
0861 250011 2014-02-01 UPPER MANNVILLE K
0861 250012 2014-02-01 UPPER MANNVILLE L
0861 250013 2007-08-01 UPPER MANNVILLE M
0861 250014 2001-02-01 UPPER MANNVILLE N
0861 250016 2001-02-01 UPPER MANNVILLE P
0861 250017 2001-02-01 UPPER MANNVILLE Q
0861 250018 2014-04-01 UPPER MANNVILLE R
0861 250019 2001-02-01 UPPER MANNVILLE S
0861 250020 2001-02-01 UPPER MANNVILLE T
0861 250021 2001-02-01 UPPER MANNVILLE U
0861 250023 2001-02-01 UPPER MANNVILLE W
0861 250024 2001-02-01 UPPER MANNVILLE X
0861 250025 2001-02-01 UPPER MANNVILLE Y
0861 250026 2001-02-01 UPPER MANNVILLE Z
0861 250027 2001-02-01 UPPER MANNVILLE AA
0861 250028 2001-02-01 UPPER MANNVILLE BB
0861 250029 2001-02-01 UPPER MANNVILLE CC
0861 250030 2001-03-01 UPPER MANNVILLE DD
0861 250031 2001-03-01 UPPER MANNVILLE EE
0861 250032 2008-09-01 UPPER MANNVILLE FF

POOL DESIGNATION (cont'd)

0861 250033	2004-01-01	UPPER MANNVILLE GG
0861 250034	2006-04-01	UPPER MANNVILLE HH
0861 250035	2005-12-01	UPPER MANNVILLE II
0861 250036	2005-10-01	UPPER MANNVILLE JJ
0861 250037	2014-02-01	UPPER MANNVILLE KK
0861 250038	2006-04-01	UPPER MANNVILLE LL
0861 250039	2014-02-01	UPPER MANNVILLE MM
0861 250040	2006-08-01	UPPER MANNVILLE NN
0861 250041	2006-11-01	UPPER MANNVILLE OO
0861 250042	2007-09-01	UPPER MANNVILLE PP
0861 250043	2007-09-01	UPPER MANNVILLE QQ
0861 250044	2007-09-01	UPPER MANNVILLE RR
0861 250045	2008-10-01	UPPER MANNVILLE SS
0861 250048	2010-04-01	UPPER MANNVILLE VV
0861 250049	2010-04-01	UPPER MANNVILLE WW
0861 250050	2010-01-01	UPPER MANNVILLE XX
0861 250051	2010-06-01	UPPER MANNVILLE YY
0861 250701	2014-03-01	UPPER MANNVILLE AAA
0861 250702	2014-03-01	UPPER MANNVILLE BBB
0861 250703	2014-05-01	UPPER MANNVILLE CCC
0861 281001	2015-01-01	CLEARWATER A

SPACING PATTERN

SU 2728	2 Apr 1996
SU 2187E	3 Dec 2004

FIELD DESIGNATION

1267 2007-01-01 STUMP FIELD

POOL DESIGNATION

1267 326001 2005-04-01 GETHING A

1267 336001 2009-03-01 ELLERSLIE A

1267 524001 2004-01-01 MONTNEY A

1267 524002 2006-12-01 MONTNEY B

1267 524004 2004-01-01 MONTNEY D

1267 524005 2010-04-01 MONTNEY E

1267 524006 2007-01-01 MONTNEY F

1267 524007 2007-03-01 MONTNEY G

SPACING PATTERN

SU 4116 14 Oct 2003

SU 4116A 6 Jul 2005

FIELD DESIGNATION

0874 2002-11-01 STURGEON LAKE FIELD

POOL DESIGNATION

0874 304001 2013-07-01 BLUESKY A
0874 304002 2002-11-01 BLUESKY B

0874 326001 2010-04-01 GETHING A
0874 326002 2002-12-01 GETHING B
0874 326003 2004-02-01 GETHING C
0874 326004 2013-07-01 GETHING D

0874 432001 2001-02-01 ROCK CREEK A

0874 524001 2004-07-01 MONTNEY A

0874 556001 2004-08-01 BELLOY A

0874 658001 2001-02-01 D-1 A
0874 658002 2013-08-01 D-1 B

0874 670001 2001-02-01 WINTERBURN A

0874 720000 2011-12-01 D-3
0874 720002 2001-02-01 D-3 B
0874 720003 2001-02-01 D-3 C
0874 720004 2001-02-01 D-3 D

SPACING PATTERN

SU 2518 31 Jan 1996
SU 2518A 16 Jun 2000

MISCELLANEOUS ORDERS

MISC 7018 2 Oct 1970
Sturgeon Lake D-3 Pool Wells
exempt Provo Subsec 3 (a) (c),
of Sec 604 Oil & Gas Cons Regs

SUBSURFACE DISPOSAL SCHEMES

App 8897D 1 Nov 2013

Class II

Canadian Natural Resources Limited

FIELD DESIGNATION

0876 2011-07-01 STURGEON LAKE SOUTH FIELD

POOL DESIGNATION

0876 166001 2003-05-01 BADHEART A

0876 228001 2006-04-01 PEACE RIVER A

0876 232001 2002-11-01 CADOTTE A

0876 232002 2010-01-01 CADOTTE B

0876 264001 2004-01-01 SPIRIT RIVER A

0876 266001 2003-10-01 NOTIKWIN A

0876 271501 2003-10-01 FALHER A

0876 271502 2016-05-01 FALHER B

0876 271503 2010-01-01 FALHER C

0876 271504 2010-02-01 FALHER D

0876 304001 2004-01-01 BLUESKY A

0876 304002 2004-01-01 BLUESKY B

0876 304003 2009-03-01 BLUESKY C

0876 304004 2016-05-01 BLUESKY D

0876 326001 2003-05-01 GETHING A

0876 326002 2016-05-01 GETHING B

0876 326003 2010-04-01 GETHING C

0876 326004 2010-04-01 GETHING D

0876 326005 2015-02-01 GETHING E

0876 326006 2001-02-01 GETHING F

0876 326007 2001-02-01 GETHING G

0876 326008 2001-07-01 GETHING H

0876 326009 2001-09-01 GETHING I

0876 326010 2002-03-01 GETHING J

0876 326011 2003-06-01 GETHING K

POOL DESIGNATION (cont'd)

0876 326012 2003-09-01	GETHING L
0876 326013 2006-01-01	GETHING M
0876 326014 2005-03-01	GETHING N
0876 326015 2008-03-01	GETHING O
0876 326016 2008-07-01	GETHING P
0876 326017 2012-01-01	GETHING Q
0876 444001 2011-09-01	NORDEGG A
0876 500001 2010-04-01	TRIASSIC A
0876 500002 2010-04-01	TRIASSIC B
0876 500003 2001-02-01	TRIASSIC C
0876 500004 2001-02-01	TRIASSIC D
0876 500005 2001-02-01	TRIASSIC E
0876 500006 2011-02-01	TRIASSIC F
0876 500007 2002-11-01	TRIASSIC G
0876 500008 2007-04-01	TRIASSIC H
0876 500009 2007-09-01	TRIASSIC I
0876 500010 2007-09-01	TRIASSIC J
0876 500011 2009-10-01	TRIASSIC K
0876 500012 2010-03-01	TRIASSIC L
0876 500013 2011-08-01	TRIASSIC M
0876 500014 2013-07-01	TRIASSIC N
0876 524001 2015-08-01	MONTNEY A
0876 556001 2001-02-01	BELLOY A
0876 658001 2010-04-01	D-1 A
0876 658002 2001-07-01	D-1 B
0876 658003 2006-08-01	D-1 C
0876 658004 2007-09-01	D-1 D
0876 680001 2008-06-01	BLUERIDGE A
0876 696002 2001-02-01	D-2 B
0876 696003 2010-04-01	D-2 C
0876 696004 2010-04-01	D-2 D

POOL DESIGNATION (cont'd)

0876 696005 2001-04-01 D-2 E

0876 720000 2011-08-01 D-3

0876 720002 2010-04-01 D-3 B

0876 720003 2001-02-01 D-3 C

0876 720004 2001-02-01 D-3 D

0876 720005 2010-04-01 D-3 E

0876 720006 2001-02-01 D-3 F

0876 744001 2003-11-01 BEAVERHILL LAKE A

SPACING PATTERN

SU 4092 10 Jul 2003

SU 4092A 17 Feb 2005

SU 4092B 13 Sep 2007

MISCELLANEOUS ORDERS

MISC 7015 11 Sep 1970
Stur Lk D-3 Pool wells exempt
from Subsec (3) clauses (a) and (c) of Sec
604 of Regs.

MISC 8705 10 Jul 1987
Facility clean-up
Valley Oil Cleaning & Salvage

MISC 9036 28 Aug 1990
Facility clean-up
Valley Oil Cleaning & Salvage

COMMINGLED PRODUCTION

MU 3062 15 Sep 2003

ENHANCED RECOVERY SCHEMES

App 8854D 19 Sep 2016
Waterflood
Triassic F
NAL Resources Limited

App 11322H 8 Aug 2017
Waterflood
Triassic A
Canadian Natural Resources Limited

SUBSURFACE DISPOSAL SCHEMES

App 1221 22 Sep 1969

App 1221A 25 Sep 1973
Class II
Amerada Minerals Corporation of Canada
Ltd.

App 1613 1 Nov 1971

App 1613A 25 Sep 1973

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

App 1613B 8 Aug 1980
Class II
Amerada Minerals Corporation of Canada
Ltd.

App 5810 7 Dec 1988

App 5810A 8 Nov 1990

App 5810B 6 Feb 1991

App 5810C 29 Jun 1994

App 5810D 3 Jun 1998
Class Ib
Newalta Corporation

App 6533E 13 Apr 2012
Class Ib
Tervita Corporation

App 7932A 13 Feb 2012
Class II
NAL Resources Limited

App 11174E 1 Nov 2013
Class II
Canadian Natural Resources Limited

FIELD DESIGNATION

0877 2011-11-01 SUFFIELD FIELD

POOL DESIGNATION

0877 126001 2010-12-01 BELLY RIVER A
0877 126002 2007-02-01 BELLY RIVER B
0877 126003 2001-02-01 BELLY RIVER C

0877 160007 2004-08-01 COLORADO G
0877 160009 2004-08-01 COLORADO I
0877 160012 2001-11-01 COLORADO L
0877 160014 2001-11-01 COLORADO N
0877 160020 2010-04-01 COLORADO T
0877 160021 2001-11-01 COLORADO U
0877 160022 2001-11-01 COLORADO V
0877 160023 2001-11-01 COLORADO W
0877 160027 2010-04-01 COLORADO AA
0877 160032 2004-11-01 COLORADO FF
0877 160033 2009-04-01 COLORADO GG
0877 160034 2010-11-01 COLORADO HH
0877 160035 2013-07-01 COLORADO II
0877 160036 2014-03-01 COLORADO JJ

0877 162001 2009-04-01 FIRST WHITE SPECKS A
0877 162002 2011-01-01 FIRST WHITE SPECKS B
0877 162003 2011-01-01 FIRST WHITE SPECKS C
0877 162004 2011-01-01 FIRST WHITE SPECKS D

0877 202001 2010-04-01 FISH SCALE A

0877 213003 2001-02-01 BOW ISLAND C
0877 213004 2001-02-01 BOW ISLAND D
0877 213006 2001-02-01 BOW ISLAND F
0877 213007 2010-04-01 BOW ISLAND G
0877 213008 2002-05-01 BOW ISLAND H
0877 213009 2001-02-01 BOW ISLAND I

POOL DESIGNATION (cont'd)

0877 213012 2001-02-01	BOW ISLAND L
0877 213013 2001-02-01	BOW ISLAND M
0877 213014 2010-04-01	BOW ISLAND N
0877 213015 2010-05-01	BOW ISLAND O
0877 213016 2010-04-01	BOW ISLAND P
0877 213017 2001-07-01	BOW ISLAND Q
0877 213018 2001-02-01	BOW ISLAND R
0877 213019 2001-02-01	BOW ISLAND S
0877 213020 2003-09-01	BOW ISLAND T
0877 213021 2006-09-01	BOW ISLAND U
0877 213022 2001-02-01	BOW ISLAND V
0877 213023 2001-02-01	BOW ISLAND W
0877 213024 2001-02-01	BOW ISLAND X
0877 213025 2001-02-01	BOW ISLAND Y
0877 213026 2001-02-01	BOW ISLAND Z
0877 213027 2001-02-01	BOW ISLAND AA
0877 213028 2010-04-01	BOW ISLAND BB
0877 213029 2005-08-01	BOW ISLAND CC
0877 213030 2003-03-01	BOW ISLAND DD
0877 213031 2001-02-01	BOW ISLAND EE
0877 213032 2010-04-01	BOW ISLAND FF
0877 213033 2001-02-01	BOW ISLAND GG
0877 213034 2001-02-01	BOW ISLAND HH
0877 213035 2001-02-01	BOW ISLAND II
0877 213037 2001-02-01	BOW ISLAND KK
0877 213038 2001-02-01	BOW ISLAND LL
0877 213040 2001-02-01	BOW ISLAND NN
0877 213041 2001-02-01	BOW ISLAND OO
0877 213042 2001-02-01	BOW ISLAND PP
0877 213043 2001-11-01	BOW ISLAND QQ
0877 213048 2001-02-01	BOW ISLAND VV
0877 213050 2001-02-01	BOW ISLAND XX
0877 213052 2001-02-01	BOW ISLAND ZZ
0877 213401 2001-02-01	BOW ISLAND AAA
0877 213402 2001-02-01	BOW ISLAND BBB
0877 213403 2001-02-01	BOW ISLAND CCC
0877 213404 2001-02-01	BOW ISLAND DDD
0877 213405 2001-02-01	BOW ISLAND EEE

POOL DESIGNATION (cont'd)

0877 213406 2001-02-01	BOW ISLAND FFF
0877 213407 2013-07-01	BOW ISLAND GGG
0877 213408 2001-08-01	BOW ISLAND HHH
0877 213409 2010-04-01	BOW ISLAND III
0877 213410 2001-08-01	BOW ISLAND JJJ
0877 213411 2001-08-01	BOW ISLAND KKK
0877 213412 2001-06-01	BOW ISLAND LLL
0877 213413 2001-12-01	BOW ISLAND MMM
0877 213414 2014-01-01	BOW ISLAND NNN
0877 213415 2003-07-01	BOW ISLAND OOO
0877 213416 2001-07-01	BOW ISLAND PPP
0877 213417 2001-08-01	BOW ISLAND QQQ
0877 213418 2002-03-01	BOW ISLAND RRR
0877 213419 2002-03-01	BOW ISLAND SSS
0877 213420 2010-04-01	BOW ISLAND TTT
0877 213421 2002-11-01	BOW ISLAND UUU
0877 213422 2003-02-01	BOW ISLAND VVV
0877 213423 2014-01-01	BOW ISLAND WWW
0877 213424 2003-11-01	BOW ISLAND XXX
0877 213425 2003-11-01	BOW ISLAND YYY
0877 213426 2005-07-01	BOW ISLAND ZZZ
0877 213427 2005-08-01	BOW ISLAND A2A
0877 213428 2006-01-01	BOW ISLAND B2B
0877 213429 2006-06-01	BOW ISLAND C2C
0877 213430 2006-08-01	BOW ISLAND D2D
0877 213431 2007-09-01	BOW ISLAND E2E
0877 213432 2010-04-01	BOW ISLAND F2F
0877 213433 2008-10-01	BOW ISLAND G2G
0877 213434 2009-08-01	BOW ISLAND H2H
0877 213435 2009-12-01	BOW ISLAND I2I
0877 213436 2010-01-01	BOW ISLAND J2J
0877 213437 2010-01-01	BOW ISLAND K2K
0877 213438 2010-03-01	BOW ISLAND L2L
0877 213439 2010-03-01	BOW ISLAND M2M
0877 213440 2010-04-01	BOW ISLAND N2N
0877 213441 2010-04-01	BOW ISLAND O2O
0877 213442 2010-04-01	BOW ISLAND P2P
0877 213443 2010-04-01	BOW ISLAND Q2Q

POOL DESIGNATION (cont'd)

0877 213444 2010-04-01	BOW ISLAND R2R
0877 213445 2010-05-01	BOW ISLAND S2S
0877 213446 2010-05-01	BOW ISLAND T2T
0877 213447 2014-01-01	BOW ISLAND U2U
0877 213449 2010-06-01	BOW ISLAND W2W
0877 213450 2010-06-01	BOW ISLAND X2X
0877 213451 2010-06-01	BOW ISLAND Y2Y
0877 213452 2012-06-01	BOW ISLAND Z2Z
0877 213901 2014-01-01	BOW ISLAND A3A
0877 213902 2014-02-01	BOW ISLAND B3B
0877 242001 2001-02-01	BASAL COLORADO A
0877 242002 2010-04-01	BASAL COLORADO B
0877 242003 2011-09-01	BASAL COLORADO C
0877 242004 2001-02-01	BASAL COLORADO D
0877 242005 2001-02-01	BASAL COLORADO E
0877 242007 2001-02-01	BASAL COLORADO G
0877 242008 2003-10-01	BASAL COLORADO H
0877 242009 2001-02-01	BASAL COLORADO I
0877 242010 2001-02-01	BASAL COLORADO J
0877 242015 2001-02-01	BASAL COLORADO O
0877 242016 2001-02-01	BASAL COLORADO P
0877 242017 2002-02-01	BASAL COLORADO Q
0877 242018 2010-04-01	BASAL COLORADO R
0877 242019 2002-06-01	BASAL COLORADO S
0877 242020 2002-10-01	BASAL COLORADO T
0877 242021 2003-03-01	BASAL COLORADO U
0877 242022 2004-08-01	BASAL COLORADO V
0877 242023 2004-11-01	BASAL COLORADO W
0877 242024 2006-05-01	BASAL COLORADO X
0877 242025 2010-04-01	BASAL COLORADO Y
0877 242026 2010-01-01	BASAL COLORADO Z
0877 242027 2010-01-01	BASAL COLORADO AA
0877 242028 2010-02-01	BASAL COLORADO BB
0877 242029 2013-11-01	BASAL COLORADO CC
0877 242030 2010-05-01	BASAL COLORADO DD
0877 242031 2010-05-01	BASAL COLORADO EE
0877 242032 2010-07-01	BASAL COLORADO FF

POOL DESIGNATION (cont'd)

0877 250001	2014-08-01	UPPER MANNVILLE A
0877 250004	2010-04-01	UPPER MANNVILLE D
0877 250008	2001-02-01	UPPER MANNVILLE H
0877 250009	2010-04-01	UPPER MANNVILLE I
0877 250010	2010-11-01	UPPER MANNVILLE J
0877 250011	2004-01-01	UPPER MANNVILLE K
0877 250013	2001-02-01	UPPER MANNVILLE M
0877 250014	2002-11-01	UPPER MANNVILLE N
0877 250015	2001-02-01	UPPER MANNVILLE O
0877 250018	2001-02-01	UPPER MANNVILLE R
0877 250019	2001-02-01	UPPER MANNVILLE S
0877 250020	2010-04-01	UPPER MANNVILLE T
0877 250021	2013-09-01	UPPER MANNVILLE U
0877 250022	2016-09-01	UPPER MANNVILLE V
0877 250023	2011-09-01	UPPER MANNVILLE W
0877 250024	2001-02-01	UPPER MANNVILLE X
0877 250025	2001-02-01	UPPER MANNVILLE Y
0877 250026	2001-02-01	UPPER MANNVILLE Z
0877 250027	2005-10-01	UPPER MANNVILLE AA
0877 250028	2001-02-01	UPPER MANNVILLE BB
0877 250032	2015-03-01	UPPER MANNVILLE FF
0877 250034	2002-01-01	UPPER MANNVILLE HH
0877 250035	2011-02-01	UPPER MANNVILLE II
0877 250037	2001-02-01	UPPER MANNVILLE KK
0877 250039	2001-02-01	UPPER MANNVILLE MM
0877 250040	2001-02-01	UPPER MANNVILLE NN
0877 250043	2001-02-01	UPPER MANNVILLE QQ
0877 250044	2001-02-01	UPPER MANNVILLE RR
0877 250045	2001-02-01	UPPER MANNVILLE SS
0877 250047	2015-01-01	UPPER MANNVILLE UU
0877 250048	2013-05-01	UPPER MANNVILLE VV
0877 250049	2010-04-01	UPPER MANNVILLE WW
0877 250050	2001-02-01	UPPER MANNVILLE XX
0877 250051	2001-03-01	UPPER MANNVILLE YY
0877 250701	2001-02-01	UPPER MANNVILLE AAA
0877 250703	2005-08-01	UPPER MANNVILLE CCC
0877 250705	2005-07-01	UPPER MANNVILLE EEE
0877 250706	2001-08-01	UPPER MANNVILLE FFF

POOL DESIGNATION (cont'd)

0877 250707 2008-06-01	UPPER MANNVILLE GGG
0877 250708 2004-06-01	UPPER MANNVILLE HHH
0877 250714 2010-04-01	UPPER MANNVILLE NNN
0877 250715 2010-04-01	UPPER MANNVILLE OOO
0877 250716 2011-09-01	UPPER MANNVILLE PPP
0877 250717 2011-09-01	UPPER MANNVILLE QQQ
0877 250719 2010-04-01	UPPER MANNVILLE SSS
0877 250720 2010-04-01	UPPER MANNVILLE TTT
0877 250721 2014-01-01	UPPER MANNVILLE UUU
0877 250722 2002-10-01	UPPER MANNVILLE VVV
0877 250723 2003-05-01	UPPER MANNVILLE WWW
0877 250724 2003-01-01	UPPER MANNVILLE XXX
0877 250725 2010-08-01	UPPER MANNVILLE YYY
0877 250726 2005-05-01	UPPER MANNVILLE ZZZ
0877 250727 2004-02-01	UPPER MANNVILLE A2A
0877 250729 2012-06-01	UPPER MANNVILLE C2C
0877 250730 2010-04-01	UPPER MANNVILLE D2D
0877 250732 2010-04-01	UPPER MANNVILLE F2F
0877 250733 2010-04-01	UPPER MANNVILLE G2G
0877 250734 2003-12-01	UPPER MANNVILLE H2H
0877 250735 2010-04-01	UPPER MANNVILLE I2I
0877 250736 2012-07-01	UPPER MANNVILLE J2J
0877 250737 2005-07-01	UPPER MANNVILLE K2K
0877 250738 2004-06-01	UPPER MANNVILLE L2L
0877 250739 2009-06-01	UPPER MANNVILLE M2M
0877 250740 2013-01-01	UPPER MANNVILLE N2N
0877 250741 2004-09-01	UPPER MANNVILLE O2O
0877 250743 2011-12-01	UPPER MANNVILLE Q2Q
0877 250744 2011-05-01	UPPER MANNVILLE R2R
0877 250750 2011-07-01	UPPER MANNVILLE X2X
0877 250751 2012-05-01	UPPER MANNVILLE Y2Y
0877 250752 2005-05-01	UPPER MANNVILLE Z2Z
0877 251101 2005-09-01	UPPER MANNVILLE A3A
0877 251102 2005-10-01	UPPER MANNVILLE B3B
0877 251103 2010-04-01	UPPER MANNVILLE C3C
0877 251104 2007-06-01	UPPER MANNVILLE D3D
0877 251105 2013-05-01	UPPER MANNVILLE E3E
0877 251106 2013-08-01	UPPER MANNVILLE F3F

POOL DESIGNATION (cont'd)

0877 251107 2011-09-01	UPPER MANNVILLE G3G
0877 251108 2011-09-01	UPPER MANNVILLE H3H
0877 251109 2012-02-01	UPPER MANNVILLE I3I
0877 251110 2006-06-01	UPPER MANNVILLE J3J
0877 251111 2006-06-01	UPPER MANNVILLE K3K
0877 251112 2006-06-01	UPPER MANNVILLE L3L
0877 251113 2012-05-01	UPPER MANNVILLE M3M
0877 251114 2012-07-01	UPPER MANNVILLE N3N
0877 251115 2010-04-01	UPPER MANNVILLE O3O
0877 251116 2011-08-01	UPPER MANNVILLE P3P
0877 251117 2007-02-01	UPPER MANNVILLE Q3Q
0877 251118 2007-05-01	UPPER MANNVILLE R3R
0877 251119 2014-04-01	UPPER MANNVILLE S3S
0877 251120 2008-09-01	UPPER MANNVILLE T3T
0877 251122 2013-07-01	UPPER MANNVILLE V3V
0877 251123 2010-04-01	UPPER MANNVILLE W3W
0877 251124 2012-02-01	UPPER MANNVILLE X3X
0877 251125 2011-11-01	UPPER MANNVILLE Y3Y
0877 251126 2011-11-01	UPPER MANNVILLE Z3Z
0877 251127 2013-07-01	UPPER MANNVILLE A4A
0877 251128 2013-07-01	UPPER MANNVILLE B4B
0877 251129 2013-07-01	UPPER MANNVILLE C4C
0877 251130 2013-07-01	UPPER MANNVILLE D4D
0877 251131 2013-07-01	UPPER MANNVILLE E4E
0877 251132 2013-12-01	UPPER MANNVILLE F4F
0877 251133 2015-03-01	UPPER MANNVILLE G4G
0877 310001 2001-02-01	LOWER MANNVILLE A
0877 310002 2001-02-01	LOWER MANNVILLE B
0877 310003 2001-02-01	LOWER MANNVILLE C
0877 310004 2015-09-01	LOWER MANNVILLE D
0877 310005 2001-02-01	LOWER MANNVILLE E
0877 310007 2001-02-01	LOWER MANNVILLE G
0877 310008 2001-02-01	LOWER MANNVILLE H
0877 310009 2001-02-01	LOWER MANNVILLE I
0877 310010 2013-06-01	LOWER MANNVILLE J
0877 310011 2001-02-01	LOWER MANNVILLE K
0877 310012 2001-02-01	LOWER MANNVILLE L

POOL DESIGNATION (cont'd)

0877 310013 2011-12-01	LOWER MANNVILLE M
0877 310015 2001-02-01	LOWER MANNVILLE O
0877 310016 2012-05-01	LOWER MANNVILLE P
0877 310017 2001-02-01	LOWER MANNVILLE Q
0877 310020 2001-02-01	LOWER MANNVILLE T
0877 310022 2013-06-01	LOWER MANNVILLE V
0877 310023 2001-07-01	LOWER MANNVILLE W
0877 310024 2001-08-01	LOWER MANNVILLE X
0877 310026 2003-09-01	LOWER MANNVILLE Z
0877 310027 2013-02-01	LOWER MANNVILLE AA
0877 310028 2004-10-01	LOWER MANNVILLE BB
0877 310029 2007-02-01	LOWER MANNVILLE CC
0877 310030 2011-02-01	LOWER MANNVILLE DD
0877 310031 2010-06-01	LOWER MANNVILLE EE
0877 310032 2011-03-01	LOWER MANNVILLE FF
0877 310035 2013-10-01	LOWER MANNVILLE II
0877 310036 2012-04-01	LOWER MANNVILLE JJ
0877 310037 2012-04-01	LOWER MANNVILLE KK
0877 310038 2012-04-01	LOWER MANNVILLE LL
0877 310039 2013-09-01	LOWER MANNVILLE MM
0877 310040 2014-03-01	LOWER MANNVILLE NN
0877 310041 2013-06-01	LOWER MANNVILLE OO
0877 310042 2013-06-01	LOWER MANNVILLE PP
0877 310043 2013-06-01	LOWER MANNVILLE QQ
0877 310044 2013-07-01	LOWER MANNVILLE RR
0877 310045 2014-01-01	LOWER MANNVILLE SS
0877 642001 2001-02-01	PEKISKO A
0877 850100 2011-11-01	MFP8501 MILK RIVER
0877 850200 2011-11-01	MFP8502 MED HAT
0877 850500 2011-11-01	MFP8505 2WS
0877 853300 2011-09-01	MFP8533 COLORADO

SPACING PATTERN

SU 4118 13 Nov 2003
 SU 4118A 12 Feb 2004
 SU 4118B 17 Mar 2004
 SU 4118C 21 Apr 2004
 SU 4118D 5 Mar 2005
 SU 4118E 9 Apr 2005
 SU 4118F 6 May 2005
 SU 4118G 1 Dec 2005
 SU 4118H 9 Jun 2006
 SU 4118I 9 Sep 2006

COMMINGLED PRODUCTION

MU 7566 5 Oct 2010

GAS STORAGE SCHEMES

App 9391E 15 Feb 2017
 Upper Mannville K
 Niska Gas Storage Ltd.

App 9392D 15 Feb 2017
 Bow Island BB
 Niska Gas Storage Canada ULC

App 9393H 15 Feb 2017
 Bow Island N
 Niska Gas Storage Ltd.

App 8732I 15 Feb 2017
 Upper Mannville I
 Niska Gas Storage Ltd.

App 8931G 15 Feb 2017
 Bow Island GGG
 Niska Gas Storage Ltd.

ENHANCED RECOVERY SCHEMES

App 8383F 24 Dec 2015
 Waterflood
 Upper Mannville FF, K2K
 Cenovus Energy Inc.

App 8561M 13 Jul 2015
 By water injection
 Upper Mannville U, W and HH
 Harvest Operations Corp.

App 9888D 14 May 2015
 Waterflood
 Upper Mannville HHH, L2L
 Cardinal Energy Ltd.

App 9963F 12 May 2015
 Waterflood
 Upper Mannville N2N
 Cenovus Energy Inc.

App 10240C 22 Jun 2015
 Waterflood
 Upper Mannville D2D
 Cenovus Energy Inc.

App 10307C 24 Dec 2015
 Waterflood
 Upper Mannville G2G
 Cenovus Energy Inc.

App 10879C 22 Jun 2015
 Upper Mannville Y2Y
 Waterflood
 Cenovus Energy Inc.

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

App 11249D 27 Apr 2017
Waterflood
Upper Mannville UU
Cenovus Energy Inc.

App 11262D 16 Oct 2015
Waterflood
Upper Mannville J2J, J3J
Cenovus Energy Inc.

App 11264I 18 Apr 2016
Waterflood
Upper Mannville A
Cenovus Energy Inc.

App 11328D 24 Jun 2015
Waterflood
Upper Mannville M2M, I3I
Harvest Operations Corp.

App 11357B 22 Jun 2015
Waterflood
Upper Mannville P3P
Cenovus Energy Inc.

App 11485C 26 Sep 2014
Chemical
Upper Mannville U
Harvest Operations Corp.

App 11875 21 Aug 2012
Waterflood
Upper Mannville V
Harvest Operations Corp.

**ENHANCED RECOVERY SCHEMES &
CONCURRENT PRODUCTION**

App 2527 26 Aug 1977

App 2527A 3 Nov 1978

App 2527B 12 Aug 1980

App 2527C 11 Sep 1990
By water injection & concurrent production
Upper Mannville A
Westcoast Petroleum Ltd.
Rescinded by App 2527C

App 8305F 24 Dec 2015
Waterflood
Upper Mannville N
Cenovus Energy Inc.

App 9300H 27 Apr 2017
By water,alkaline,surfactant and polymer
injection
Upper Mannville YYY
Cenovus Energy Inc.

App 9946F 24 Dec 2015
By water injection
Upper Mannville D & CCC
Cenovus Energy Inc.

App 9952 14 Jul 2004

App 9952A 18 Nov 2004

App 9952K 24 Dec 2015
Chemical
Upper Mannville J
Cenovus Energy Inc.

**ENHANCED RECOVERY SCHEMES &
CONCURRENT PRODUCTION (cont'd)**

App 10133D 16 Apr 2015
By water injection
Upper Mannville II
Cardinal Energy Ltd.

SUBSURFACE DISPOSAL SCHEMES

App 3053 31 Mar 1980
Class II
Westcoast Petroleum Ltd.

App 10155D 15 Feb 2017
Class II
Niska Gas Storage Ltd.

App 10519G 31 Dec 2013
Class II
Cardinal Energy Ltd.

App 10864F 13 May 2015
Class II
Cenovus Energy Inc.

App 11127C 14 Nov 2011
Class II
Harvest Operations Corp.

FIELD DESIGNATION

0881 2012-09-01 SUGDEN FIELD

POOL DESIGNATION

0881 218001 2012-03-01 VIKING A
0881 218003 2009-12-01 VIKING C
0881 218004 2001-02-01 VIKING D
0881 218011 2009-12-01 VIKING K
0881 218013 2009-12-01 VIKING M
0881 218014 2009-12-01 VIKING N
0881 218015 2009-12-01 VIKING O
0881 218016 2009-12-01 VIKING P
0881 218018 2009-12-01 VIKING R
0881 218019 2009-12-01 VIKING S
0881 218020 2009-12-01 VIKING T
0881 218021 2009-12-01 VIKING U
0881 218022 2009-12-01 VIKING V
0881 218023 2009-12-01 VIKING W
0881 218024 2011-06-01 VIKING X
0881 218025 2011-06-01 VIKING Y
0881 218026 2012-03-01 VIKING Z
0881 218027 2012-09-01 VIKING AA

0881 256002 2010-04-01 COLONY B
0881 256004 2010-04-01 COLONY D
0881 256006 2005-06-01 COLONY F
0881 256007 2001-02-01 COLONY G
0881 256008 2001-02-01 COLONY H
0881 256009 2001-02-01 COLONY I
0881 256012 2001-02-01 COLONY L
0881 256013 2010-04-01 COLONY M
0881 256014 2001-02-01 COLONY N
0881 256016 2010-04-01 COLONY P
0881 256017 2001-02-01 COLONY Q
0881 256018 2001-02-01 COLONY R
0881 256019 2005-11-01 COLONY S

POOL DESIGNATION (cont'd)

0881 256021	2001-02-01	COLONY U
0881 256022	2006-04-01	COLONY V
0881 256023	2001-02-01	COLONY W
0881 256024	2001-02-01	COLONY X
0881 256025	2001-02-01	COLONY Y
0881 256026	2010-04-01	COLONY Z
0881 256028	2008-11-01	COLONY BB
0881 256029	2001-02-01	COLONY CC
0881 256030	2001-02-01	COLONY DD
0881 256031	2015-02-01	COLONY EE
0881 256032	2001-02-01	COLONY FF
0881 256033	2001-02-01	COLONY GG
0881 256034	2001-02-01	COLONY HH
0881 256035	2001-02-01	COLONY II
0881 256036	2010-04-01	COLONY JJ
0881 256037	2001-02-01	COLONY KK
0881 256038	2008-05-01	COLONY LL
0881 256039	2001-02-01	COLONY MM
0881 256040	2001-02-01	COLONY NN
0881 256041	2001-02-01	COLONY OO
0881 256042	2001-02-01	COLONY PP
0881 256043	2001-02-01	COLONY QQ
0881 256044	2001-02-01	COLONY RR
0881 256045	2001-02-01	COLONY SS
0881 256046	2001-02-01	COLONY TT
0881 256047	2001-02-01	COLONY UU
0881 256048	2001-02-01	COLONY VV
0881 256049	2001-02-01	COLONY WW
0881 256050	2001-02-01	COLONY XX
0881 256051	2001-02-01	COLONY YY
0881 256052	2001-02-01	COLONY ZZ
0881 256401	2001-02-01	COLONY AAA
0881 256402	2001-02-01	COLONY BBB
0881 256403	2003-06-01	COLONY CCC
0881 256404	2007-03-01	COLONY DDD
0881 256405	2010-04-01	COLONY EEE
0881 256406	2001-02-01	COLONY FFF
0881 256407	2001-02-01	COLONY GGG

POOL DESIGNATION (cont'd)

0881 256408 2010-04-01	COLONY HHH
0881 256409 2001-02-01	COLONY III
0881 256410 2001-02-01	COLONY JJJ
0881 256411 2001-02-01	COLONY KKK
0881 256412 2001-02-01	COLONY LLL
0881 256413 2001-02-01	COLONY MMM
0881 256414 2001-02-01	COLONY NNN
0881 256416 2004-05-01	COLONY PPP
0881 256417 2001-02-01	COLONY QQQ
0881 256418 2001-02-01	COLONY RRR
0881 256419 2001-02-01	COLONY SSS
0881 256421 2010-04-01	COLONY UUU
0881 256422 2001-02-01	COLONY VVV
0881 256423 2001-02-01	COLONY WWW
0881 256424 2001-02-01	COLONY XXX
0881 256425 2010-04-01	COLONY YYY
0881 256427 2001-02-01	COLONY A2A
0881 256428 2001-02-01	COLONY B2B
0881 256429 2010-04-01	COLONY C2C
0881 256430 2001-02-01	COLONY D2D
0881 256431 2001-02-01	COLONY E2E
0881 256432 2010-04-01	COLONY F2F
0881 256433 2007-02-01	COLONY G2G
0881 256434 2001-02-01	COLONY H2H
0881 256435 2011-10-01	COLONY I2I
0881 256436 2001-02-01	COLONY J2J
0881 256437 2010-04-01	COLONY K2K
0881 256438 2001-02-01	COLONY L2L
0881 256439 2001-02-01	COLONY M2M
0881 256440 2003-12-01	COLONY N2N
0881 256441 2001-02-01	COLONY O2O
0881 256442 2001-02-01	COLONY P2P
0881 256443 2001-02-01	COLONY Q2Q
0881 256444 2001-02-01	COLONY R2R
0881 256445 2001-02-01	COLONY S2S
0881 256446 2001-02-01	COLONY T2T
0881 256447 2001-02-01	COLONY U2U
0881 256448 2004-03-01	COLONY V2V

POOL DESIGNATION (cont'd)

0881 256449 2001-02-01	COLONY W2W
0881 256450 2001-02-01	COLONY X2X
0881 256452 2001-03-01	COLONY Z2Z
0881 258701 2001-03-01	COLONY A3A
0881 258702 2001-03-01	COLONY B3B
0881 258703 2001-03-01	COLONY C3C
0881 258704 2001-03-01	COLONY D3D
0881 258705 2004-02-01	COLONY E3E
0881 258706 2010-04-01	COLONY F3F
0881 258707 2001-06-01	COLONY G3G
0881 258708 2001-06-01	COLONY H3H
0881 258709 2010-04-01	COLONY I3I
0881 258710 2001-10-01	COLONY J3J
0881 258711 2001-11-01	COLONY K3K
0881 258712 2003-01-01	COLONY L3L
0881 258713 2003-05-01	COLONY M3M
0881 258715 2003-10-01	COLONY O3O
0881 258716 2010-04-01	COLONY P3P
0881 258717 2003-11-01	COLONY Q3Q
0881 258718 2004-03-01	COLONY R3R
0881 258719 2004-07-01	COLONY S3S
0881 258720 2005-10-01	COLONY T3T
0881 258721 2005-06-01	COLONY U3U
0881 258722 2006-02-01	COLONY V3V
0881 258723 2006-09-01	COLONY W3W
0881 258724 2006-09-01	COLONY X3X
0881 258725 2007-09-01	COLONY Y3Y
0881 258726 2014-03-01	COLONY Z3Z
0881 258727 2014-03-01	COLONY A4A
0881 258728 2008-10-01	COLONY B4B
0881 258729 2009-02-01	COLONY C4C
0881 258731 2010-10-01	COLONY E4E
0881 258732 2012-10-01	COLONY F4F
0881 258733 2012-09-01	COLONY G4G
0881 262001 2015-02-01	GRAND RAPIDS A
0881 262002 2001-02-01	GRAND RAPIDS B
0881 262003 2010-04-01	GRAND RAPIDS C

POOL DESIGNATION (cont'd)

0881 262005 2010-04-01	GRAND RAPIDS E
0881 262006 2010-04-01	GRAND RAPIDS F
0881 262007 2010-04-01	GRAND RAPIDS G
0881 262008 2010-04-01	GRAND RAPIDS H
0881 262009 2010-04-01	GRAND RAPIDS I
0881 262010 2015-01-01	GRAND RAPIDS J
0881 262011 2015-01-01	GRAND RAPIDS K
0881 262012 2001-02-01	GRAND RAPIDS L
0881 262015 2015-02-01	GRAND RAPIDS O
0881 262016 2001-02-01	GRAND RAPIDS P
0881 262017 2001-02-01	GRAND RAPIDS Q
0881 262019 2001-04-01	GRAND RAPIDS S
0881 262023 2009-02-01	GRAND RAPIDS W
0881 262024 2010-04-01	GRAND RAPIDS X
0881 262025 2001-02-01	GRAND RAPIDS Y
0881 262026 2001-02-01	GRAND RAPIDS Z
0881 262027 2001-02-01	GRAND RAPIDS AA
0881 262028 2001-02-01	GRAND RAPIDS BB
0881 262029 2001-02-01	GRAND RAPIDS CC
0881 262030 2001-02-01	GRAND RAPIDS DD
0881 262031 2001-02-01	GRAND RAPIDS EE
0881 262032 2001-02-01	GRAND RAPIDS FF
0881 262033 2009-05-01	GRAND RAPIDS GG
0881 262034 2011-09-01	GRAND RAPIDS HH
0881 262035 2001-02-01	GRAND RAPIDS II
0881 262037 2001-02-01	GRAND RAPIDS KK
0881 262038 2001-02-01	GRAND RAPIDS LL
0881 262039 2008-03-01	GRAND RAPIDS MM
0881 262040 2001-02-01	GRAND RAPIDS NN
0881 262041 2001-02-01	GRAND RAPIDS OO
0881 262042 2009-04-01	GRAND RAPIDS PP
0881 262044 2010-04-01	GRAND RAPIDS RR
0881 262045 2001-02-01	GRAND RAPIDS SS
0881 262046 2001-02-01	GRAND RAPIDS TT
0881 262047 2005-06-01	GRAND RAPIDS UU
0881 262048 2008-09-01	GRAND RAPIDS VV
0881 262049 2001-02-01	GRAND RAPIDS WW
0881 262050 2001-02-01	GRAND RAPIDS XX

POOL DESIGNATION (cont'd)

0881 262051 2011-09-01	GRAND RAPIDS YY
0881 262052 2008-02-01	GRAND RAPIDS ZZ
0881 262503 2001-03-01	GRAND RAPIDS CCC
0881 262504 2001-06-01	GRAND RAPIDS DDD
0881 262505 2001-07-01	GRAND RAPIDS EEE
0881 262506 2001-07-01	GRAND RAPIDS FFF
0881 262508 2001-09-01	GRAND RAPIDS HHH
0881 262509 2001-11-01	GRAND RAPIDS III
0881 262510 2010-04-01	GRAND RAPIDS JJJ
0881 262511 2010-04-01	GRAND RAPIDS KKK
0881 262512 2002-11-01	GRAND RAPIDS LLL
0881 262513 2002-11-01	GRAND RAPIDS MMM
0881 262514 2003-05-01	GRAND RAPIDS NNN
0881 262515 2003-12-01	GRAND RAPIDS OOO
0881 262516 2011-02-01	GRAND RAPIDS PPP
0881 262517 2011-02-01	GRAND RAPIDS QQQ
0881 262518 2011-02-01	GRAND RAPIDS RRR
0881 262519 2004-02-01	GRAND RAPIDS SSS
0881 262521 2004-03-01	GRAND RAPIDS UUU
0881 262522 2015-01-01	GRAND RAPIDS VVV
0881 262523 2006-02-01	GRAND RAPIDS WWW
0881 262524 2007-09-01	GRAND RAPIDS XXX
0881 262526 2017-03-01	GRAND RAPIDS ZZZ
0881 262527 2008-12-01	GRAND RAPIDS A2A
0881 262528 2010-09-01	GRAND RAPIDS B2B
0881 262529 2012-09-01	GRAND RAPIDS C2C
0881 268001 2006-05-01	MCLAREN A
0881 270001 2004-06-01	WASECA A
0881 270002 2006-05-01	WASECA B
0881 270003 2010-04-01	WASECA C
0881 270004 2007-03-01	WASECA D
0881 270005 2015-02-01	WASECA E
0881 270006 2015-02-01	WASECA F
0881 270007 2015-02-01	WASECA G
0881 276001 2008-07-01	SPARKY A

POOL DESIGNATION (cont'd)

0881 280001	2001-02-01	CLEARWATER A
0881 280002	2010-04-01	CLEARWATER B
0881 280003	2001-02-01	CLEARWATER C
0881 280004	2001-02-01	CLEARWATER D
0881 280005	2001-02-01	CLEARWATER E
0881 280006	2010-04-01	CLEARWATER F
0881 280007	2003-06-01	CLEARWATER G
0881 280008	2010-04-01	CLEARWATER H
0881 280009	2001-02-01	CLEARWATER I
0881 280010	2001-02-01	CLEARWATER J
0881 280012	2001-03-01	CLEARWATER L
0881 280013	2010-04-01	CLEARWATER M
0881 280014	2010-04-01	CLEARWATER N
0881 280015	2002-06-01	CLEARWATER O
0881 280016	2002-08-01	CLEARWATER P
0881 280017	2005-05-01	CLEARWATER Q
0881 280018	2005-05-01	CLEARWATER R
0881 280019	2004-02-01	CLEARWATER S
0881 280020	2007-12-01	CLEARWATER T
0881 280022	2005-06-01	CLEARWATER V
0881 280023	2007-09-01	CLEARWATER W
0881 280024	2010-04-01	CLEARWATER X
0881 280025	2013-07-01	CLEARWATER Y
0881 280026	2015-09-01	CLEARWATER Z
0881 306002	2001-02-01	WABISKAW B
0881 306003	2001-02-01	WABISKAW C
0881 306004	2004-08-01	WABISKAW D
0881 306005	2001-03-01	WABISKAW E
0881 306006	2001-03-01	WABISKAW F
0881 306007	2004-06-01	WABISKAW G
0881 306008	2010-04-01	WABISKAW H
0881 306009	2005-06-01	WABISKAW I
0881 328001	2001-02-01	MCMURRAY A
0881 328002	2001-02-01	MCMURRAY B
0881 328003	2010-04-01	MCMURRAY C
0881 328005	2001-02-01	MCMURRAY E

POOL DESIGNATION (cont'd)

0881 328006	2001-02-01	MCMURRAY F
0881 328007	2001-02-01	MCMURRAY G
0881 328008	2001-02-01	MCMURRAY H
0881 328009	2001-02-01	MCMURRAY I
0881 328010	2001-02-01	MCMURRAY J
0881 328011	2001-02-01	MCMURRAY K
0881 328012	2001-02-01	MCMURRAY L
0881 328013	2001-02-01	MCMURRAY M
0881 328014	2001-02-01	MCMURRAY N
0881 328016	2001-03-01	MCMURRAY P
0881 328017	2006-01-01	MCMURRAY Q
0881 328018	2007-10-01	MCMURRAY R
0881 328019	2012-05-01	MCMURRAY S

SPACING PATTERN

SU 2743	8 May 1996
SU 2743A	21 Feb 2006
SU 2743B	25 Sep 2007

COMMINGLED PRODUCTION

MU 8717	31 Mar 2015
---------	-------------

SUBSURFACE DISPOSAL SCHEMES

App 8991	21 Dec 2001
Class II	
Canadian Natural Resources Limited	

App 9745	27 Jan 2004
Class II	
Canadian Natural Resources Limited	

FIELD DESIGNATION

0880 2008-08-01 SULLIVAN LAKE FIELD

POOL DESIGNATION

0880 134001 2005-07-01 BASAL BELLY RIVER A

0880 134002 2006-02-01 BASAL BELLY RIVER B

0880 186001 2003-06-01 SECOND WHITE SPECKS A

0880 218001 2010-07-01 VIKING A

0880 218002 2010-04-01 VIKING B

0880 218003 2010-04-01 VIKING C

0880 218005 2006-07-01 VIKING E

0880 218006 2010-04-01 VIKING F

0880 218007 2001-02-01 VIKING G

0880 218008 2001-02-01 VIKING H

0880 218009 2013-09-01 VIKING I

0880 218010 2001-02-01 VIKING J

0880 218011 2005-02-01 VIKING K

0880 218012 2007-05-01 VIKING L

0880 218013 2012-06-01 VIKING M

0880 218014 2008-08-01 VIKING N

0880 218015 2010-04-01 VIKING O

0880 250001 2001-02-01 UPPER MANNVILLE A

0880 250002 2001-02-01 UPPER MANNVILLE B

0880 250003 2003-05-01 UPPER MANNVILLE C

0880 250004 2004-05-01 UPPER MANNVILLE D

0880 250005 2015-09-01 UPPER MANNVILLE E

0880 250006 2007-03-01 UPPER MANNVILLE F

0880 250008 2010-02-01 UPPER MANNVILLE H

0880 250009 2008-10-01 UPPER MANNVILLE I

0880 250010 2010-04-01 UPPER MANNVILLE J

0880 250011 2009-09-01 UPPER MANNVILLE K

0880 250012 2010-02-01 UPPER MANNVILLE L

0880 250013 2010-04-01 UPPER MANNVILLE M

POOL DESIGNATION (cont'd)

0880 250014 2010-04-01 UPPER MANNVILLE N
0880 250015 2010-04-01 UPPER MANNVILLE O
0880 250016 2010-04-01 UPPER MANNVILLE P
0880 250017 2010-03-01 UPPER MANNVILLE Q
0880 250018 2010-12-01 UPPER MANNVILLE R
0880 250019 2012-12-01 UPPER MANNVILLE S
0880 250020 2013-08-01 UPPER MANNVILLE T

0880 334001 2001-02-01 BASAL QUARTZ A
0880 334002 2001-02-01 BASAL QUARTZ B
0880 334003 2001-02-01 BASAL QUARTZ C
0880 334004 2003-02-01 BASAL QUARTZ D
0880 334005 2009-03-01 BASAL QUARTZ E

0880 350002 2001-02-01 DETRITAL B

0880 644001 2001-02-01 BANFF A
0880 644002 2016-07-01 BANFF B
0880 644003 2015-08-01 BANFF C

0880 852700 2010-04-01 MFP8527 2WS

SPACING PATTERN

SU 4086 26 Jun 2003
SU 4086A 11 Sep 2003
SU 4086B 14 Oct 2003
SU 4086C 30 Sep 2005
SU 4086D 28 Feb 2006

COMMINGLED PRODUCTION

MU 7937 14 Jun 2011

FIELD DESIGNATION

1268 2014-02-01 SUNBURST FIELD

POOL DESIGNATION

1268 610001 2008-11-01 RUNDLE A

1268 649001 2013-07-01 LWR BANFF-EXSHAW-BV A

1268 649002 2014-02-01 LWR BANFF-EXSHAW-BV B

SPACING PATTERN

SU 4243 2 Dec 2004

FIELD DESIGNATION

0879 2016-04-01 SUNDANCE FIELD

POOL DESIGNATION

0879 126002 2004-07-01 BELLY RIVER B
0879 126003 2016-01-01 BELLY RIVER C
0879 126004 2002-07-01 BELLY RIVER D
0879 126006 2002-04-01 BELLY RIVER F
0879 126008 2002-12-01 BELLY RIVER H
0879 126009 2003-08-01 BELLY RIVER I
0879 126010 2003-06-01 BELLY RIVER J
0879 126013 2003-07-01 BELLY RIVER M
0879 126014 2003-09-01 BELLY RIVER N
0879 126016 2003-10-01 BELLY RIVER P
0879 126017 2004-05-01 BELLY RIVER Q
0879 126019 2004-09-01 BELLY RIVER S
0879 126020 2011-12-01 BELLY RIVER T
0879 126021 2005-02-01 BELLY RIVER U
0879 126022 2005-11-01 BELLY RIVER V
0879 126023 2010-04-01 BELLY RIVER W
0879 126024 2005-09-01 BELLY RIVER X
0879 126025 2010-04-01 BELLY RIVER Y
0879 126026 2005-10-01 BELLY RIVER Z
0879 126027 2005-10-01 BELLY RIVER AA
0879 126028 2005-11-01 BELLY RIVER BB
0879 126029 2009-04-01 BELLY RIVER CC
0879 126030 2010-04-01 BELLY RIVER DD
0879 126031 2011-12-01 BELLY RIVER EE
0879 126032 2007-06-01 BELLY RIVER FF
0879 126033 2008-05-01 BELLY RIVER GG
0879 126034 2008-05-01 BELLY RIVER HH
0879 126035 2015-06-01 BELLY RIVER II
0879 126036 2011-12-01 BELLY RIVER JJ
0879 126037 2012-01-01 BELLY RIVER KK
0879 126038 2012-10-01 BELLY RIVER LL
0879 126039 2013-09-01 BELLY RIVER MM

POOL DESIGNATION (cont'd)

0879 126040 2013-09-01	BELLY RIVER NN
0879 126041 2014-01-01	BELLY RIVER OO
0879 126042 2014-01-01	BELLY RIVER PP
0879 126043 2014-01-01	BELLY RIVER QQ
0879 126044 2014-01-01	BELLY RIVER RR
0879 126045 2014-01-01	BELLY RIVER SS
0879 126046 2014-01-01	BELLY RIVER TT
0879 126047 2016-01-01	BELLY RIVER UU
0879 134001 2005-07-01	BASAL BELLY RIVER A
0879 134002 2010-04-01	BASAL BELLY RIVER B
0879 134003 2005-07-01	BASAL BELLY RIVER C
0879 134004 2010-04-01	BASAL BELLY RIVER D
0879 166001 2013-09-01	BADHEART A
0879 176043 2010-04-01	CARDIUM QQ
0879 176051 2014-01-01	CARDIUM YY
0879 176052 2014-01-01	CARDIUM ZZ
0879 176301 2014-01-01	CARDIUM AAA
0879 176302 2014-01-01	CARDIUM BBB
0879 176303 2014-01-01	CARDIUM CCC
0879 176304 2014-01-01	CARDIUM DDD
0879 176305 2014-01-01	CARDIUM EEE
0879 176306 2014-01-01	CARDIUM FFF
0879 176307 2014-01-01	CARDIUM GGG
0879 176308 2014-01-01	CARDIUM HHH
0879 176309 2014-01-01	CARDIUM III
0879 176310 2014-01-01	CARDIUM JJJ
0879 176311 2014-01-01	CARDIUM KKK
0879 176312 2014-01-01	CARDIUM LLL
0879 176313 2014-01-01	CARDIUM MMM
0879 176314 2014-01-01	CARDIUM NNN
0879 176315 2014-01-01	CARDIUM OOO
0879 176316 2014-01-01	CARDIUM PPP
0879 176317 2014-01-01	CARDIUM QQQ
0879 176318 2014-01-01	CARDIUM RRR
0879 176319 2014-01-01	CARDIUM SSS

POOL DESIGNATION (cont'd)

0879 176320 2014-01-01	CARDIUM TTT
0879 176321 2014-01-01	CARDIUM UUU
0879 176322 2014-01-01	CARDIUM VVV
0879 176323 2014-01-01	CARDIUM WWW
0879 176324 2014-01-01	CARDIUM XXX
0879 176325 2014-01-01	CARDIUM YYY
0879 176326 2014-01-01	CARDIUM ZZZ
0879 176327 2014-01-01	CARDIUM A2A
0879 176328 2014-01-01	CARDIUM B2B
0879 176329 2014-01-01	CARDIUM C2C
0879 176330 2014-01-01	CARDIUM D2D
0879 176331 2014-02-01	CARDIUM E2E
0879 176332 2014-01-01	CARDIUM F2F
0879 176333 2014-01-01	CARDIUM G2G
0879 176334 2014-01-01	CARDIUM H2H
0879 176335 2014-01-01	CARDIUM I2I
0879 176336 2014-01-01	CARDIUM J2J
0879 176337 2016-05-01	CARDIUM K2K
0879 186001 2003-05-01	SECOND WHITE SPECKS A
0879 186002 2010-04-01	SECOND WHITE SPECKS B
0879 186003 2014-01-01	SECOND WHITE SPECKS C
0879 186004 2014-07-01	SECOND WHITE SPECKS D
0879 186005 2014-01-01	SECOND WHITE SPECKS E
0879 190001 2013-10-01	DOE CREEK A
0879 190002 2014-01-01	DOE CREEK B
0879 190003 2014-03-01	DOE CREEK C
0879 192001 2010-04-01	DUNVEGAN A
0879 192002 2010-04-01	DUNVEGAN B
0879 192003 2010-04-01	DUNVEGAN C
0879 192005 2013-10-01	DUNVEGAN E
0879 192013 2011-10-01	DUNVEGAN M
0879 192014 2012-02-01	DUNVEGAN N
0879 192017 2014-01-01	DUNVEGAN Q
0879 192018 2014-01-01	DUNVEGAN R
0879 192019 2014-01-01	DUNVEGAN S

POOL DESIGNATION (cont'd)

0879 192020 2014-01-01 DUNVEGAN T
0879 192021 2014-01-01 DUNVEGAN U
0879 192022 2014-01-01 DUNVEGAN V
0879 192023 2014-01-01 DUNVEGAN W
0879 192024 2014-01-01 DUNVEGAN X
0879 192025 2014-01-01 DUNVEGAN Y
0879 192036 2014-01-01 DUNVEGAN JJ
0879 192037 2014-01-01 DUNVEGAN KK

0879 218001 2014-01-01 VIKING A
0879 218002 2002-07-01 VIKING B
0879 218005 2010-01-01 VIKING E
0879 218006 2010-01-01 VIKING F
0879 218013 2007-12-01 VIKING M
0879 218014 2008-05-01 VIKING N
0879 218016 2013-10-01 VIKING P
0879 218018 2009-12-01 VIKING R
0879 218019 2011-10-01 VIKING S
0879 218020 2012-08-01 VIKING T
0879 218021 2013-03-01 VIKING U
0879 218022 2013-11-01 VIKING V
0879 218023 2014-01-01 VIKING W
0879 218024 2014-01-01 VIKING X
0879 218025 2014-01-01 VIKING Y
0879 218026 2014-01-01 VIKING Z
0879 218027 2014-01-01 VIKING AA
0879 218028 2014-01-01 VIKING BB
0879 218029 2014-01-01 VIKING CC

0879 228001 2010-04-01 PEACE RIVER A
0879 228002 2010-04-01 PEACE RIVER B
0879 228004 2014-01-01 PEACE RIVER D
0879 228005 2014-01-01 PEACE RIVER E
0879 228006 2014-01-01 PEACE RIVER F
0879 228007 2014-01-01 PEACE RIVER G
0879 228008 2014-01-01 PEACE RIVER H
0879 228009 2014-01-01 PEACE RIVER I
0879 228010 2014-01-01 PEACE RIVER J

POOL DESIGNATION (cont'd)

0879 228011 2014-01-01	PEACE RIVER K
0879 228012 2014-01-01	PEACE RIVER L
0879 228013 2014-01-01	PEACE RIVER M
0879 228014 2014-01-01	PEACE RIVER N
0879 250003 2003-09-01	UPPER MANNVILLE C
0879 250004 2016-04-01	UPPER MANNVILLE D
0879 250012 2006-02-01	UPPER MANNVILLE L
0879 250013 2006-02-01	UPPER MANNVILLE M
0879 250032 2014-06-01	UPPER MANNVILLE FF
0879 250037 2010-04-01	UPPER MANNVILLE KK
0879 250708 2013-02-01	UPPER MANNVILLE HHH
0879 250711 2013-08-01	UPPER MANNVILLE KKK
0879 250712 2013-09-01	UPPER MANNVILLE LLL
0879 250713 2016-04-01	UPPER MANNVILLE MMM
0879 250714 2014-01-01	UPPER MANNVILLE NNN
0879 250715 2014-01-01	UPPER MANNVILLE OOO
0879 250716 2015-11-01	UPPER MANNVILLE PPP
0879 250717 2015-11-01	UPPER MANNVILLE QQQ
0879 250718 2014-01-01	UPPER MANNVILLE RRR
0879 250720 2014-01-01	UPPER MANNVILLE TTT
0879 264023 2014-01-01	SPIRIT RIVER W
0879 264025 2014-01-01	SPIRIT RIVER Y
0879 264026 2014-01-01	SPIRIT RIVER Z
0879 264027 2014-06-01	SPIRIT RIVER AA
0879 264047 2014-01-01	SPIRIT RIVER UU
0879 264048 2014-01-01	SPIRIT RIVER VV
0879 264049 2014-01-01	SPIRIT RIVER WW
0879 264050 2014-01-01	SPIRIT RIVER XX
0879 264051 2014-01-01	SPIRIT RIVER YY
0879 264052 2014-01-01	SPIRIT RIVER ZZ
0879 264101 2014-01-01	SPIRIT RIVER AAA
0879 264102 2014-01-01	SPIRIT RIVER BBB
0879 304002 2016-04-01	BLUESKY B
0879 304004 2010-04-01	BLUESKY D
0879 304005 2014-12-01	BLUESKY E

POOL DESIGNATION (cont'd)

0879 304006 2010-12-01	BLUESKY F
0879 304007 2013-10-01	BLUESKY G
0879 304010 2011-10-01	BLUESKY J
0879 304011 2008-08-01	BLUESKY K
0879 304013 2010-04-01	BLUESKY M
0879 304017 2010-04-01	BLUESKY Q
0879 304019 2010-04-01	BLUESKY S
0879 304020 2010-04-01	BLUESKY T
0879 304022 2014-12-01	BLUESKY V
0879 304028 2011-10-01	BLUESKY BB
0879 304029 2013-03-01	BLUESKY CC
0879 304030 2013-09-01	BLUESKY DD
0879 304031 2014-01-01	BLUESKY EE
0879 304032 2014-01-01	BLUESKY FF
0879 304033 2014-01-01	BLUESKY GG
0879 304034 2014-01-01	BLUESKY HH
0879 304035 2014-01-01	BLUESKY II
0879 304036 2014-01-01	BLUESKY JJ
0879 304037 2014-01-01	BLUESKY KK
0879 304038 2014-01-01	BLUESKY LL
0879 304039 2014-01-01	BLUESKY MM
0879 304040 2014-01-01	BLUESKY NN
0879 304041 2014-01-01	BLUESKY OO
0879 304042 2014-01-01	BLUESKY PP
0879 304043 2014-01-01	BLUESKY QQ
0879 304044 2014-01-01	BLUESKY RR
0879 304045 2014-01-01	BLUESKY SS
0879 304046 2014-01-01	BLUESKY TT
0879 304047 2014-01-01	BLUESKY UU
0879 304048 2014-02-01	BLUESKY VV
0879 304049 2014-01-01	BLUESKY WW
0879 304050 2014-01-01	BLUESKY XX
0879 304051 2014-01-01	BLUESKY YY
0879 304052 2014-01-01	BLUESKY ZZ
0879 304101 2014-01-01	BLUESKY AAA
0879 304102 2014-01-01	BLUESKY BBB
0879 304103 2014-01-01	BLUESKY CCC

POOL DESIGNATION (cont'd)

0879 326001	2011-12-01	GETHING A
0879 326002	2010-12-01	GETHING B
0879 326003	2010-04-01	GETHING C
0879 326004	2010-04-01	GETHING D
0879 326005	2010-04-01	GETHING E
0879 326006	2010-04-01	GETHING F
0879 326007	2010-04-01	GETHING G
0879 326008	2013-10-01	GETHING H
0879 326011	2007-12-01	GETHING K
0879 326014	2011-10-01	GETHING N
0879 326026	2010-04-01	GETHING Z
0879 326036	2009-03-01	GETHING JJ
0879 326045	2010-12-01	GETHING SS
0879 326046	2011-10-01	GETHING TT
0879 326047	2012-02-01	GETHING UU
0879 326049	2013-09-01	GETHING WW
0879 326050	2013-09-01	GETHING XX
0879 326051	2014-01-01	GETHING YY
0879 326052	2014-01-01	GETHING ZZ
0879 326601	2014-01-01	GETHING AAA
0879 326602	2014-01-01	GETHING BBB
0879 326603	2014-01-01	GETHING CCC
0879 326604	2014-01-01	GETHING DDD
0879 326605	2014-01-01	GETHING EEE
0879 326606	2014-01-01	GETHING FFF
0879 326607	2014-01-01	GETHING GGG
0879 326608	2014-01-01	GETHING HHH
0879 326609	2014-01-01	GETHING III
0879 326610	2014-01-01	GETHING JJJ
0879 326611	2014-01-01	GETHING KKK
0879 326612	2014-01-01	GETHING LLL
0879 326613	2014-01-01	GETHING MMM
0879 326614	2014-01-01	GETHING NNN
0879 326615	2014-01-01	GETHING OOO
0879 326616	2014-01-01	GETHING PPP
0879 326617	2014-01-01	GETHING QQQ
0879 326618	2014-01-01	GETHING RRR
0879 326619	2014-01-01	GETHING SSS

POOL DESIGNATION (cont'd)

0879 326620 2014-01-01	GETHING TTT
0879 326621 2014-01-01	GETHING UUU
0879 326622 2014-01-01	GETHING VVV
0879 326623 2014-01-01	GETHING WWW
0879 326624 2014-01-01	GETHING XXX
0879 326626 2014-01-01	GETHING ZZZ
0879 326627 2014-01-01	GETHING A2A
0879 326628 2014-02-01	GETHING B2B
0879 326629 2014-01-01	GETHING C2C
0879 326630 2014-01-01	GETHING D2D
0879 326631 2014-01-01	GETHING E2E
0879 326632 2014-01-01	GETHING F2F
0879 326633 2014-01-01	GETHING G2G
0879 326634 2014-01-01	GETHING H2H
0879 326635 2014-01-01	GETHING I2I
0879 326636 2014-01-01	GETHING J2J
0879 326637 2014-01-01	GETHING K2K
0879 326638 2014-01-01	GETHING L2L
0879 348003 2012-03-01	CADOMIN C
0879 348004 2013-10-01	CADOMIN D
0879 348009 2010-04-01	CADOMIN I
0879 348011 2011-06-01	CADOMIN K
0879 348023 2013-03-01	CADOMIN W
0879 348024 2012-03-01	CADOMIN X
0879 348027 2010-04-01	CADOMIN AA
0879 348702 2010-12-01	CADOMIN BBB
0879 348703 2011-10-01	CADOMIN CCC
0879 348704 2013-10-01	CADOMIN DDD
0879 348705 2013-12-01	CADOMIN EEE
0879 348706 2014-01-01	CADOMIN FFF
0879 348707 2014-01-01	CADOMIN GGG
0879 348708 2014-01-01	CADOMIN HHH
0879 348709 2014-01-01	CADOMIN III
0879 348710 2014-01-01	CADOMIN JJJ
0879 348711 2014-01-01	CADOMIN KKK
0879 348712 2014-01-01	CADOMIN LLL
0879 348713 2014-01-01	CADOMIN MMM

POOL DESIGNATION (cont'd)

0879 348714 2014-01-01	CADOMIN NNN
0879 348715 2014-01-01	CADOMIN OOO
0879 348716 2014-01-01	CADOMIN PPP
0879 348717 2014-01-01	CADOMIN QQQ
0879 348718 2014-01-01	CADOMIN RRR
0879 348719 2014-01-01	CADOMIN SSS
0879 348720 2014-01-01	CADOMIN TTT
0879 348721 2014-01-01	CADOMIN UUU
0879 348722 2014-01-01	CADOMIN VVV
0879 348723 2014-01-01	CADOMIN WWW
0879 348725 2014-01-01	CADOMIN YYY
0879 348726 2014-01-01	CADOMIN ZZZ
0879 348727 2014-01-01	CADOMIN A2A
0879 348728 2014-01-01	CADOMIN B2B
0879 348729 2014-01-01	CADOMIN C2C
0879 348730 2014-01-01	CADOMIN D2D
0879 348731 2014-01-01	CADOMIN E2E
0879 348732 2014-01-01	CADOMIN F2F
0879 348733 2014-01-01	CADOMIN G2G
0879 348734 2014-01-01	CADOMIN H2H
0879 432002 2010-04-01	ROCK CREEK B
0879 432003 2014-01-01	ROCK CREEK C
0879 432004 2014-01-01	ROCK CREEK D
0879 432005 2014-01-01	ROCK CREEK E
0879 444001 2014-01-01	NORDEGG A
0879 444002 2014-01-01	NORDEGG B
0879 444003 2014-01-01	NORDEGG C
0879 444004 2014-01-01	NORDEGG D
0879 444005 2014-01-01	NORDEGG E
0879 500002 2001-12-01	TRIASSIC B
0879 500003 2014-01-01	TRIASSIC C
0879 524003 2008-08-01	MONTNEY C
0879 524004 2013-09-01	MONTNEY D
0879 524005 2014-01-01	MONTNEY E

POOL DESIGNATION (cont'd)

0879 612001 2014-01-01 DEBOLT A
0879 638001 2014-01-01 ELKTON A
0879 696002 2014-01-01 NISKU B
0879 696003 2014-01-01 NISKU C
0879 696006 2014-01-01 NISKU F
0879 696007 2014-01-01 NISKU G
0879 696008 2014-01-01 NISKU H
0879 696009 2014-01-01 NISKU I
0879 720002 2014-01-01 LEDUC B
0879 855400 2014-01-01 MFP8554 DUNVEGAN
0879 857300 2016-02-01 MFP8573 SPIRIT RIVER
0879 858300 2014-02-01 MFP8583 SPIRIT RIVER
0879 860200 2016-04-01 MFP8602 CARDIUM

SPACING PATTERN

SU 4234 2 Dec 2004
SU 4234A 10 Dec 2004
SU 4234B 11 Jan 2005
SU 4234C 25 Jan 2005
SU 4234D 26 Mar 2005
SU 4234E 26 May 2005
SU 4234F 29 Aug 2005
SU 4234G 13 Feb 2006
SU 4234H 6 Jul 2006
SU 4234I 16 Oct 2006
SU 4234J 17 May 2007
SU 4234K 5 Jul 2007
SU 4234L 9 Oct 2007

COMMINGLED PRODUCTION

MU 8780 9 Feb 2016

SUBSURFACE DISPOSAL SCHEMES

App 9581E 22 Aug 2017
Class II
Ceiba Energy Services Inc.

FIELD DESIGNATION

0883 2001-02-01 SUNNYNOOK FIELD

POOL DESIGNATION

0883 134001 2005-07-01 BASAL BELLY RIVER A
0883 134002 2005-07-01 BASAL BELLY RIVER B
0883 134003 2005-07-01 BASAL BELLY RIVER C
0883 134004 2006-12-01 BASAL BELLY RIVER D

0883 158003 2009-11-01 MILK RIVER C
0883 158004 2009-11-01 MILK RIVER D
0883 158005 2014-05-01 MILK RIVER E

0883 160001 2009-11-01 COLORADO A
0883 160002 2009-11-01 COLORADO B

0883 162001 2009-05-01 FIRST WHITE SPECKS A
0883 162002 2009-05-01 FIRST WHITE SPECKS B
0883 162003 2009-05-01 FIRST WHITE SPECKS C
0883 162004 2009-05-01 FIRST WHITE SPECKS D

0883 164001 2009-05-01 MEDICINE HAT A
0883 164002 2009-05-01 MEDICINE HAT B
0883 164003 2009-11-01 MEDICINE HAT C
0883 164004 2009-11-01 MEDICINE HAT D
0883 164005 2009-11-01 MEDICINE HAT E
0883 164006 2014-05-01 MEDICINE HAT F
0883 164007 2014-05-01 MEDICINE HAT G

0883 186001 2009-05-01 SECOND WHITE SPECKS A
0883 186002 2009-05-01 SECOND WHITE SPECKS B
0883 186003 2009-05-01 SECOND WHITE SPECKS C

0883 218001 2002-08-01 VIKING A
0883 218002 2010-04-01 VIKING B
0883 218004 2001-02-01 VIKING D

POOL DESIGNATION (cont'd)

0883 218005 2002-08-01	VIKING E
0883 218006 2001-02-01	VIKING F
0883 218007 2001-02-01	VIKING G
0883 218008 2001-02-01	VIKING H
0883 218009 2001-02-01	VIKING I
0883 218010 2010-04-01	VIKING J
0883 218011 2010-04-01	VIKING K
0883 218013 2010-05-01	VIKING M
0883 218014 2010-07-01	VIKING N
0883 218016 2001-02-01	VIKING P
0883 218017 2001-02-01	VIKING Q
0883 218018 2010-04-01	VIKING R
0883 218019 2010-04-01	VIKING S
0883 218020 2001-02-01	VIKING T
0883 218022 2001-03-01	VIKING V
0883 218023 2010-11-01	VIKING W
0883 218024 2010-04-01	VIKING X
0883 218025 2010-02-01	VIKING Y
0883 218026 2010-06-01	VIKING Z
0883 218028 2013-02-01	VIKING BB
0883 242001 2001-02-01	BASAL COLORADO A
0883 242002 2010-06-01	BASAL COLORADO B
0883 242003 2010-04-01	BASAL COLORADO C
0883 242004 2006-08-01	BASAL COLORADO D
0883 242005 2007-05-01	BASAL COLORADO E
0883 250001 2001-02-01	UPPER MANNVILLE A
0883 250002 2009-05-01	UPPER MANNVILLE B
0883 250003 2001-02-01	UPPER MANNVILLE C
0883 250005 2001-02-01	UPPER MANNVILLE E
0883 250006 2001-02-01	UPPER MANNVILLE F
0883 250007 2001-02-01	UPPER MANNVILLE G
0883 250008 2004-05-01	UPPER MANNVILLE H
0883 250010 2001-02-01	UPPER MANNVILLE J
0883 250011 2002-10-01	UPPER MANNVILLE K
0883 250012 2001-02-01	UPPER MANNVILLE L
0883 250013 2002-10-01	UPPER MANNVILLE M

POOL DESIGNATION (cont'd)

0883 250014	2001-02-01	UPPER MANNVILLE N
0883 250015	2002-10-01	UPPER MANNVILLE O
0883 250016	2001-02-01	UPPER MANNVILLE P
0883 250017	2001-02-01	UPPER MANNVILLE Q
0883 250018	2001-02-01	UPPER MANNVILLE R
0883 250020	2001-02-01	UPPER MANNVILLE T
0883 250021	2010-07-01	UPPER MANNVILLE U
0883 250023	2001-02-01	UPPER MANNVILLE W
0883 250024	2008-10-01	UPPER MANNVILLE X
0883 250025	2001-03-01	UPPER MANNVILLE Y
0883 250027	2002-09-01	UPPER MANNVILLE AA
0883 250028	2010-04-01	UPPER MANNVILLE BB
0883 250029	2010-07-01	UPPER MANNVILLE CC
0883 250030	2002-09-01	UPPER MANNVILLE DD
0883 250031	2002-09-01	UPPER MANNVILLE EE
0883 250032	2003-06-01	UPPER MANNVILLE FF
0883 250033	2004-05-01	UPPER MANNVILLE GG
0883 250034	2002-10-01	UPPER MANNVILLE HH
0883 250035	2002-10-01	UPPER MANNVILLE II
0883 250036	2010-04-01	UPPER MANNVILLE JJ
0883 250037	2002-10-01	UPPER MANNVILLE KK
0883 250038	2002-10-01	UPPER MANNVILLE LL
0883 250039	2002-10-01	UPPER MANNVILLE MM
0883 250040	2002-10-01	UPPER MANNVILLE NN
0883 250041	2002-10-01	UPPER MANNVILLE OO
0883 250042	2010-04-01	UPPER MANNVILLE PP
0883 250043	2002-10-01	UPPER MANNVILLE QQ
0883 250044	2002-10-01	UPPER MANNVILLE RR
0883 250045	2002-10-01	UPPER MANNVILLE SS
0883 250046	2002-10-01	UPPER MANNVILLE TT
0883 250047	2002-10-01	UPPER MANNVILLE UU
0883 250048	2003-03-01	UPPER MANNVILLE VV
0883 250049	2005-04-01	UPPER MANNVILLE WW
0883 250050	2005-02-01	UPPER MANNVILLE XX
0883 250051	2005-08-01	UPPER MANNVILLE YY
0883 250052	2006-01-01	UPPER MANNVILLE ZZ
0883 250701	2006-02-01	UPPER MANNVILLE AAA
0883 250702	2006-12-01	UPPER MANNVILLE BBB

POOL DESIGNATION (cont'd)

0883 250703 2006-12-01	UPPER MANNVILLE CCC
0883 250704 2007-05-01	UPPER MANNVILLE DDD
0883 250706 2007-09-01	UPPER MANNVILLE FFF
0883 250707 2010-04-01	UPPER MANNVILLE GGG
0883 250708 2008-11-01	UPPER MANNVILLE HHH
0883 250709 2008-11-01	UPPER MANNVILLE III
0883 250710 2009-01-01	UPPER MANNVILLE JJJ
0883 250711 2010-02-01	UPPER MANNVILLE KKK
0883 250712 2010-02-01	UPPER MANNVILLE LLL
0883 250713 2010-04-01	UPPER MANNVILLE MMM
0883 250714 2010-06-01	UPPER MANNVILLE NNN
0883 250715 2010-06-01	UPPER MANNVILLE OOO
0883 250716 2010-11-01	UPPER MANNVILLE PPP
0883 250717 2011-05-01	UPPER MANNVILLE QQQ
0883 250718 2011-11-01	UPPER MANNVILLE RRR
0883 250719 2012-03-01	UPPER MANNVILLE SSS
0883 250720 2012-12-01	UPPER MANNVILLE TTT
0883 250721 2013-10-01	UPPER MANNVILLE UUU
0883 320006 2001-02-01	BASAL MANNVILLE F
0883 320028 2001-02-01	BASAL MANNVILLE BB
0883 320030 2001-02-01	BASAL MANNVILLE DD
0883 320031 2001-02-01	BASAL MANNVILLE EE
0883 320032 2001-02-01	BASAL MANNVILLE FF
0883 320034 2006-12-01	BASAL MANNVILLE HH
0883 320035 2007-05-01	BASAL MANNVILLE II
0883 320036 2007-05-01	BASAL MANNVILLE JJ
0883 320037 2013-10-01	BASAL MANNVILLE KK
0883 644001 2001-02-01	BANFF A
0883 644002 2001-02-01	BANFF B
0883 644003 2001-02-01	BANFF C
0883 644004 2010-04-01	BANFF D
0883 644005 2013-07-01	BANFF E

COMMINGLED PRODUCTION

MU 5773 10 Jul 2006

FIELD DESIGNATION

0884 2008-02-01 SUNSET FIELD

POOL DESIGNATION

0884 192001 2008-02-01 DUNVEGAN A
0884 192002 2009-01-01 DUNVEGAN B

0884 304001 2017-09-01 BLUESKY A

0884 326001 2001-02-01 GETHING A
0884 326002 2008-11-01 GETHING B

0884 500001 2010-04-01 TRIASSIC A
0884 500002 2010-04-01 TRIASSIC B

0884 744001 2010-04-01 BEAVERHILL LAKE A
0884 744002 2001-02-01 BEAVERHILL LAKE B
0884 744003 2008-10-01 BEAVERHILL LAKE C

0884 756001 2008-10-01 SWAN HILLS A

SPACING PATTERN

SU 2516 17 Jan 1996
SU 2516A 7 Oct 1997
SU 2516B 26 Apr 2002

SUBSURFACE DISPOSAL SCHEMES

App 10661D 29 Sep 2016
Class II
Enercapita Energy Ltd.

ENHANCED RECOVERY SCHEMES

App 6491O 16 Dec 2016
Waterflood
Triassic A
Surge Energy Inc.

FIELD DESIGNATION

0885 2001-12-01 SUPERBA FIELD

POOL DESIGNATION

0885 126001 2001-02-01 BELLY RIVER A
0885 126003 2001-02-01 BELLY RIVER C
0885 126004 2010-02-01 BELLY RIVER D
0885 126005 2010-02-01 BELLY RIVER E

0885 134001 2005-07-01 BASAL BELLY RIVER A

0885 218001 2001-02-01 VIKING A
0885 218002 2001-02-01 VIKING B
0885 218003 2001-02-01 VIKING C
0885 218005 2009-04-01 VIKING E

0885 250001 2008-10-01 UPPER MANNVILLE A
0885 250002 2008-07-01 UPPER MANNVILLE B
0885 250003 2008-11-01 UPPER MANNVILLE C
0885 250004 2008-12-01 UPPER MANNVILLE D
0885 250005 2009-04-01 UPPER MANNVILLE E
0885 250006 2010-02-01 UPPER MANNVILLE F
0885 250007 2010-02-01 UPPER MANNVILLE G
0885 250008 2010-02-01 UPPER MANNVILLE H
0885 250009 2010-02-01 UPPER MANNVILLE I
0885 250010 2011-10-01 UPPER MANNVILLE J

0885 256001 2008-11-01 COLONY A

0885 300001 2001-02-01 GLAUCONITIC A
0885 300002 2001-02-01 GLAUCONITIC B
0885 300003 2001-02-01 GLAUCONITIC C
0885 300008 2001-02-01 GLAUCONITIC H
0885 300009 2001-02-01 GLAUCONITIC I
0885 300010 2003-06-01 GLAUCONITIC J
0885 300011 2006-01-01 GLAUCONITIC K

POOL DESIGNATION (cont'd)

0885 350001	2001-02-01	DETRITAL A
0885 350002	2001-12-01	DETRITAL B
0885 350003	2010-04-01	DETRITAL C
0885 350004	2001-02-01	DETRITAL D
0885 350005	2010-04-01	DETRITAL E
0885 350006	2007-09-01	DETRITAL F
0885 350007	2009-08-01	DETRITAL G
0885 350008	2009-04-01	DETRITAL H
0885 350009	2010-01-01	DETRITAL I
0885 350010	2010-02-01	DETRITAL J
0885 350011	2013-07-01	DETRITAL K
0885 350012	2015-02-01	DETRITAL L

SPACING PATTERN

SU 2744 2 May 1996

COMMINGLED PRODUCTION

MU 4763 28 Oct 2005

SUBSURFACE DISPOSAL SCHEMES

App 11177 28 Mar 2008
Class II
NuVista Energy Ltd.

FIELD DESIGNATION

0847 2001-12-01 SUTTON FIELD

POOL DESIGNATION

0847 304001 2001-02-01 BLUESKY A
0847 304002 2002-03-01 BLUESKY B
0847 304003 2003-09-01 BLUESKY C
0847 304004 2006-10-01 BLUESKY D
0847 304005 2001-09-01 BLUESKY E
0847 304006 2001-12-01 BLUESKY F
0847 304007 2008-11-01 BLUESKY G

0847 305001 2005-05-01 BLUESKY-GETHING A
0847 305002 2001-02-01 BLUESKY-GETHING B
0847 305004 2001-03-01 BLUESKY-GETHING D
0847 305005 2001-09-01 BLUESKY-GETHING E
0847 305006 2001-10-01 BLUESKY-GETHING F
0847 305007 2001-10-01 BLUESKY-GETHING G
0847 305008 2001-10-01 BLUESKY-GETHING H

0847 326002 2001-03-01 GETHING B

0847 612001 2010-04-01 DEBOLT A
0847 612002 2007-02-01 DEBOLT B

SPACING PATTERN

SU 2515 13 Feb 1996

SUBSURFACE DISPOSAL SCHEMES

App 9330B 6 Jan 2017
Class II
Sydco Energy Inc.

FIELD DESIGNATION

0886 2010-07-01 SWALWELL FIELD

POOL DESIGNATION

0886 118801 2008-06-01 LOWER EDMONTON A
0886 118804 2010-07-01 LOWER EDMONTON D
0886 118805 2010-07-01 LOWER EDMONTON E
0886 118806 2010-12-01 LOWER EDMONTON F
0886 118807 2011-10-01 LOWER EDMONTON G
0886 118808 2010-12-01 LOWER EDMONTON H
0886 118809 2011-12-01 LOWER EDMONTON I
0886 118810 2012-01-01 LOWER EDMONTON J
0886 118811 2015-05-01 LOWER EDMONTON K

0886 126310 2015-05-01 BELLY RIVER JJJ

0886 134009 2005-07-01 BASAL BELLY RIVER I

0886 218001 2010-04-01 VIKING A
0886 218005 2010-04-01 VIKING E
0886 218006 2009-05-01 VIKING F
0886 218007 2001-02-01 VIKING G
0886 218008 2001-02-01 VIKING H
0886 218009 2001-02-01 VIKING I
0886 218010 2001-02-01 VIKING J
0886 218011 2010-04-01 VIKING K
0886 218012 2009-04-01 VIKING L
0886 218013 2010-07-01 VIKING M
0886 218014 2009-08-01 VIKING N
0886 218015 2003-10-01 VIKING O
0886 218016 2005-12-01 VIKING P
0886 218017 2006-10-01 VIKING Q
0886 218018 2006-11-01 VIKING R
0886 218019 2007-08-01 VIKING S
0886 218020 2006-12-01 VIKING T
0886 218021 2009-02-01 VIKING U

POOL DESIGNATION (cont'd)

0886 218022 2010-07-01	VIKING V
0886 336001 2009-03-01	ELLERSLIE A
0886 640002 2001-02-01	SHUNDA B
0886 642001 2012-07-01	PEKISKO A
0886 642002 2010-04-01	PEKISKO B
0886 642004 2010-04-01	PEKISKO D
0886 642006 2010-04-01	PEKISKO F
0886 642008 2001-02-01	PEKISKO H
0886 642009 2001-02-01	PEKISKO I
0886 642010 2001-02-01	PEKISKO J
0886 642013 2002-10-01	PEKISKO M
0886 642014 2001-02-01	PEKISKO N
0886 642015 2001-02-01	PEKISKO O
0886 642016 2001-02-01	PEKISKO P
0886 642017 2001-02-01	PEKISKO Q
0886 642018 2002-01-01	PEKISKO R
0886 642019 2005-10-01	PEKISKO S
0886 642020 2010-05-01	PEKISKO T
0886 658001 2010-04-01	D-1 A
0886 658002 2002-05-01	D-1 B
0886 658003 2003-07-01	D-1 C
0886 658004 2009-09-01	D-1 D
0886 658005 2013-08-01	D-1 E
0886 696001 2010-04-01	D-2 A
0886 696003 2010-04-01	D-2 C
0886 696004 2010-04-01	D-2 D
0886 696006 2001-02-01	D-2 F
0886 696007 2001-02-01	D-2 G
0886 696008 2001-02-01	D-2 H
0886 696009 2001-02-01	D-2 I
0886 696010 2001-02-01	D-2 J
0886 720001 2001-02-01	D-3 A

POOL DESIGNATION (cont'd)

0886 720002 2008-10-01	D-3 B
0886 850600 2011-01-01	MFP8506 BELLY RIVER
0886 856000 2011-11-01	MFP8560 BSL BELLY RIV
0886 858600 2012-05-01	MFP8586 LWR EDMONTON
0886 859000 2011-01-01	MFP8590 BSL BELLY RIV
0886 960600 2011-05-01	MFP9606 CBM CARB
0886 960700 2010-05-01	MFP9607 CBM UHSC
0886 960800 2010-05-01	MFP9608 CBM WAYN
0886 960900 2010-06-01	MFP9609 CBM RS
0886 961000 2010-05-01	MFP9610 CBM DBSL
0886 961100 2010-05-01	MFP9611 CBM WNRS
0886 961300 2010-06-01	MFP9613 CBM RBSL
0886 961400 2013-06-01	MFP9614 CBM LETH
0886 961500 2013-06-01	MFP9615 CBM TABR

SPACING PATTERN

SU 4202	7 Sep 2004
SU 4202A	5 Oct 2004
SU 4202B	11 Jan 2005
SU 4202C	1 Feb 2005
SU 4202D	10 Feb 2005
SU 4202E	12 Mar 2005
SU 4202F	12 Aug 2005
SU 4202G	6 Sep 2005
SU 4202H	8 Nov 2005
SU 4202I	10 Jan 2006
SU 4202J	16 Mar 2006
SU 4202K	19 Sep 2007

COMMINGLED PRODUCTION

MU 7887	30 May 2011
---------	-------------

FIELD DESIGNATION

0887 2014-05-01 SWAN HILLS FIELD

POOL DESIGNATION

0887 126002 2004-12-01 BELLY RIVER B

0887 134001 2010-04-01 BASAL BELLY RIVER A
0887 134002 2005-07-01 BASAL BELLY RIVER B

0887 218001 2001-12-01 VIKING A
0887 218002 2004-01-01 VIKING B

0887 326001 2001-02-01 GETHING A
0887 326002 2002-11-01 GETHING B
0887 326004 2006-01-01 GETHING D
0887 326005 2008-05-01 GETHING E

0887 696001 2014-05-01 NISKU A

0887 744001 2016-06-01 BEAVERHILL LAKE A
0887 744002 2010-04-01 BEAVERHILL LAKE B
0887 744005 2001-02-01 BEAVERHILL LAKE E
0887 744007 2001-02-01 BEAVERHILL LAKE G
0887 744008 2012-12-01 BEAVERHILL LAKE H
0887 744010 2015-12-01 BEAVERHILL LAKE J
0887 744011 2014-05-01 BEAVERHILL LAKE K

0887 765501 2008-06-01 GILWOOD A

SPACING PATTERN

SU 2989 28 Aug 2000
 SU 2989A 26 Oct 2000
 SU 2989B 23 Nov 2000
 SU 2989C 21 Mar 2001
 SU 2989D 5 Mar 2002
 SU 2989E 25 Apr 2003
 SU 2989F 23 Jun 2003
 SU 2989G 30 Nov 2005
 SU 2989H 21 Mar 2006
 SU 2989I 25 Oct 2006

COMMINGLED PRODUCTION

MU 5083 18 Jan 2006

ENHANCED RECOVERY SCHEMES

App 11654I 26 Sep 2017
 Waterflood
 Beaverhill Lake J
 Aspenleaf Energy Limited

App 1993L 5 Jul 2017
 Waterflood
 Beaverhill Lake A
 Cardinal Energy Ltd.

App 2444F 5 Jul 2017
 Waterflood
 Beaverhill Lake A
 Cardinal Energy Ltd.

App 2955E 18 Apr 2017
 Waterflood
 Beaverhill Lake A & B
 Razor Energy Corp.

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

App 4504G 18 Apr 2017
 Waterflood
 Beaverhill Lake A & B
 Razor Energy Corp.

App 6012C 18 Feb 2014
 Waterflood
 Beaverhill Lake A & B
 ARC Resources Ltd.

App 7045I 9 Feb 2015
 Waterflood
 Beaverhill Lake A
 Pengrowth Energy Corporation

App 9453B 3 Jun 2015
 Waterflood
 Beaverhill Lake A & B
 ARC Resources Ltd.

App 9270U 5 Jul 2017
 Waterflood
 Beaverhill Lake A
 Cardinal Energy Ltd.

App 9492R 26 Oct 2015
 Chemical
 Beaverhill Lake A & B
 Canadian Natural Resources Limited

App 9629D 29 Jul 2015
 Waterflood
 Beaverhill Lake A & B
 Aspenleaf Energy Limited

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

App 9640C 5 Jul 2017
Waterflood
Beaverhill Lake A & B
Cardinal Energy Ltd.

App 10357E 5 Jul 2017
Waterflood
Beaverhill Lake A
Cardinal Energy Ltd.

App 10714S 14 Aug 2017
Waterflood
Beaverhill Lake A
Aspenleaf Energy Limited

App 11066B 4 Dec 2013
Waterflood
Beaverhill Lake B
Arcan Resources Ltd.

App 12468A 16 Feb 2017
Waterflood
Beaverhill Lake A
Ridgeback Resources Inc.

SUBSURFACE DISPOSAL SCHEMES

App 7742C 11 Jul 2014
Class Ia
Alberta Infrastructure

App 5416F 15 May 2017
Class II
Canadian Natural Resources Limited

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

App 8198B 18 Apr 2017
Class II
Razor Energy Corp.

App 10538 28 Apr 2006
Class II
ARC Resources Ltd.

App 11718B 28 Feb 2012
Class II
Crescent Point Energy Corp.

App 11905A 3 Mar 2015
Class Ib
Blendforce Energy Services Inc.

EXPERIMENTAL SCHEMES

App 11175C 27 Mar 2013
Swan Hills Synfuels Ltd.
Coal Gasification
Expires Apr 30, 2013

App 11274 20 Aug 2010
Syncrude Canada Limited
Mildred Lake

App 11284 1 Apr 2011
Shell Canada Energy
Jack Pine Mine

App 11627 31 May 2011
Teck Resources Limited
Devon Alberta

FIELD DESIGNATION

0889 2013-08-01 SWAN HILLS SOUTH FIELD

POOL DESIGNATION

0889 744001 2014-02-01 BEAVERHILL LAKE A
0889 744002 2012-10-01 BEAVERHILL LAKE B
0889 744003 2015-05-01 BEAVERHILL LAKE C
0889 744005 2012-10-01 BEAVERHILL LAKE E
0889 744006 2008-03-01 BEAVERHILL LAKE F
0889 744007 2014-11-01 BEAVERHILL LAKE G
0889 744010 2014-07-01 BEAVERHILL LAKE J
0889 744011 2013-01-01 BEAVERHILL LAKE K
0889 744012 2013-02-01 BEAVERHILL LAKE L
0889 744013 2012-11-01 BEAVERHILL LAKE M

SPACING PATTERN

SU 2525 7 Feb 1996
SU 2525A 9 Jul 1996
SU 2525B 2 May 2003
SU 2525C 16 Sep 2004
SU 2525D 10 Feb 2006
SU 2525E 2 May 2006

COMMINGLED PRODUCTION

MU 15 1 May 1965

ENHANCED RECOVERY SCHEMES

App 11507D 20 Apr 2017
Waterflood
Beaverhill Lake A and B
Razor Energy Corp.

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

App 11865F 29 Jul 2016
Waterflood
Beaverhill Lake C
Crescent Point Energy Corp.

App 12496C 16 Feb 2017
Immiscible gas
Beaverhill Lake A

SUBSURFACE DISPOSAL SCHEMES

Canadian Natural Resources Limited

App 12484 19 Feb 2016
Class II & Ib
Canadian Natural Resources Limited

FIELD DESIGNATION

0890 2007-11-01 SWEETGRASS FIELD

POOL DESIGNATION

0890 332001 2007-11-01 SUNBURST A
0890 332002 2007-11-01 SUNBURST B
0890 332003 2007-11-01 SUNBURST C

0890 344001 2001-02-01 CUTBANK A
0890 344002 2001-02-01 CUTBANK B
0890 344003 2008-01-01 CUTBANK C

0890 628001 2013-12-01 LIVINGSTONE A
0890 628002 2015-10-01 LIVINGSTONE B

FIELD DESIGNATION

0888 2010-02-01 SWIMMING FIELD

POOL DESIGNATION

0888 218001 2015-09-01 VIKING A
0888 218002 2013-09-01 VIKING B
0888 218003 2010-04-01 VIKING C
0888 218004 2013-11-01 VIKING D
0888 218027 2011-05-01 VIKING AA

0888 250001 2001-02-01 UPPER MANNVILLE A
0888 250002 2001-02-01 UPPER MANNVILLE B
0888 250003 2014-04-01 UPPER MANNVILLE C
0888 250004 2001-02-01 UPPER MANNVILLE D
0888 250005 2016-07-01 UPPER MANNVILLE E
0888 250006 2005-04-01 UPPER MANNVILLE F
0888 250007 2012-11-01 UPPER MANNVILLE G

0888 256001 2001-02-01 COLONY A
0888 256002 2005-06-01 COLONY B
0888 256003 2015-07-01 COLONY C
0888 256006 2010-04-01 COLONY F
0888 256007 2013-08-01 COLONY G
0888 256008 2001-02-01 COLONY H
0888 256009 2001-02-01 COLONY I
0888 256010 2001-02-01 COLONY J
0888 256011 2001-02-01 COLONY K
0888 256012 2002-04-01 COLONY L
0888 256013 2005-06-01 COLONY M
0888 256014 2006-10-01 COLONY N
0888 256015 2007-09-01 COLONY O
0888 256016 2007-09-01 COLONY P
0888 256017 2007-09-01 COLONY Q
0888 256018 2008-10-01 COLONY R
0888 256019 2009-02-01 COLONY S
0888 256020 2009-04-01 COLONY T

POOL DESIGNATION (cont'd)

0888 256021	2011-05-01	COLONY U
0888 256022	2013-07-01	COLONY V
0888 256023	2013-07-01	COLONY W
0888 262001	2001-02-01	GRAND RAPIDS A
0888 268001	2001-02-01	MCLAREN A
0888 268002	2001-02-01	MCLAREN B
0888 268003	2015-07-01	MCLAREN C
0888 268004	2015-05-01	MCLAREN D
0888 268006	2015-03-01	MCLAREN F
0888 276001	2001-02-01	SPARKY A
0888 276002	2014-11-01	SPARKY B
0888 276003	2001-02-01	SPARKY C
0888 276004	2010-04-01	SPARKY D
0888 276005	2001-02-01	SPARKY E
0888 276006	2001-02-01	SPARKY F
0888 276007	2005-01-01	SPARKY G
0888 276008	2015-10-01	SPARKY H
0888 276009	2005-09-01	SPARKY I
0888 276010	2010-04-01	SPARKY J
0888 276011	2014-01-01	SPARKY K
0888 276012	2008-02-01	SPARKY L
0888 276013	2016-05-01	SPARKY M
0888 276014	2012-11-01	SPARKY N
0888 276015	2015-11-01	SPARKY O
0888 276016	2012-11-01	SPARKY P
0888 276017	2012-11-01	SPARKY Q
0888 276018	2015-03-01	SPARKY R
0888 276019	2013-06-01	SPARKY S
0888 276020	2015-03-01	SPARKY T
0888 276021	2014-09-01	SPARKY U
0888 276022	2016-07-01	SPARKY V
0888 276023	2015-10-01	SPARKY W
0888 276024	2016-09-01	SPARKY X
0888 276025	2017-10-01	SPARKY Y

POOL DESIGNATION (cont'd)

0888 286001 2012-08-01	GENERAL PETROLEUM A
0888 286003 2016-05-01	GENERAL PETROLEUM C
0888 286004 2013-04-01	GENERAL PETROLEUM D
0888 286005 2012-11-01	GENERAL PETROLEUM E
0888 286006 2013-07-01	GENERAL PETROLEUM F
0888 288001 2005-07-01	REX A
0888 288002 2017-06-01	REX B
0888 288003 2017-08-01	REX C
0888 288004 2010-06-01	REX D
0888 288005 2014-05-01	REX E
0888 294001 2001-02-01	LLOYDMINSTER A
0888 294002 2006-09-01	LLOYDMINSTER B
0888 294003 2007-11-01	LLOYDMINSTER C
0888 294004 2008-11-01	LLOYDMINSTER D
0888 294005 2010-11-01	LLOYDMINSTER E
0888 302001 2001-02-01	CUMMINGS A
0888 302002 2001-02-01	CUMMINGS B
0888 302003 2010-11-01	CUMMINGS C
0888 302005 2017-09-01	CUMMINGS E
0888 322001 2004-12-01	DINA A
0888 322003 2013-05-01	DINA C
0888 322004 2006-06-01	DINA D
0888 322005 2008-10-01	DINA E
0888 322006 2009-01-01	DINA F
0888 322007 2012-08-01	DINA G
0888 322008 2012-11-01	DINA H
0888 322009 2016-05-01	DINA I
0888 322010 2014-08-01	DINA J
0888 322011 2016-05-01	DINA K
0888 322012 2016-04-01	DINA L
0888 322013 2016-06-01	DINA M

SPACING PATTERN

SU 2833 20 Oct 1997
SU 2833A 1 Oct 1998
SU 2833B 31 Jul 2001
SU 2833C 14 Feb 2002
SU 2833D 22 Nov 2002

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

App 11911 19 Sep 2012
Class II

MISCELLANEOUS ORDERS

MISC 8419 11 Jul 1984
Oil production from wells
associated with experimental scheme
(App 4269)

COMMINGLED PRODUCTION

MU 8642 30 May 2014

ENHANCED RECOVERY SCHEMES

App 11758C 16 Jan 2017
Waterflood
McLaren D
Husky Oil Operations Limited

App 12559A 4 Jul 2017
Waterflood
McLaren D
Husky Oil Operations Limited
Ridgeback Resources Inc.

SUBSURFACE DISPOSAL SCHEMES

App 9442D 2 Feb 2012
Class II
Husky Oil Operations Limited

FIELD DESIGNATION

0891 2012-02-01 SYLVAN LAKE FIELD

POOL DESIGNATION

0891 064002 2007-09-01 PASKAPOO B
0891 064003 2010-04-01 PASKAPOO C
0891 064004 2014-01-01 PASKAPOO D

0891 106614 2005-06-01 EDMONTON NNN
0891 106615 2005-06-01 EDMONTON OOO
0891 106616 2007-08-01 EDMONTON PPP
0891 106626 2013-11-01 EDMONTON ZZZ
0891 106910 2007-02-01 EDMONTON J3J

0891 118801 2010-07-01 LOWER EDMONTON A
0891 118803 2006-11-01 LOWER EDMONTON C
0891 118804 2012-01-01 LOWER EDMONTON D
0891 118805 2014-01-01 LOWER EDMONTON E
0891 118807 2006-11-01 LOWER EDMONTON G
0891 118810 2013-11-01 LOWER EDMONTON J
0891 118818 2006-11-01 LOWER EDMONTON R
0891 118825 2010-04-01 LOWER EDMONTON Y
0891 118828 2014-01-01 LOWER EDMONTON BB
0891 118838 2010-04-01 LOWER EDMONTON LL
0891 118843 2007-02-01 LOWER EDMONTON QQ
0891 118847 2008-01-01 LOWER EDMONTON UU
0891 118851 2008-05-01 LOWER EDMONTON YY
0891 119306 2010-07-01 LOWER EDMONTON FFF
0891 119307 2010-07-01 LOWER EDMONTON GGG

0891 126003 2007-09-01 BELLY RIVER C

0891 134001 2005-07-01 BASAL BELLY RIVER A
0891 134002 2010-04-01 BASAL BELLY RIVER B

0891 176001 2010-04-01 CARDIUM A

POOL DESIGNATION (cont'd)

0891 176002 2009-03-01	CARDIUM B
0891 176003 2001-02-01	CARDIUM C
0891 176006 2008-01-01	CARDIUM F
0891 176007 2008-02-01	CARDIUM G
0891 176008 2008-04-01	CARDIUM H
0891 176009 2008-05-01	CARDIUM I
0891 176010 2009-05-01	CARDIUM J
0891 176011 2009-10-01	CARDIUM K
0891 176013 2012-06-01	CARDIUM M
0891 176014 2010-09-01	CARDIUM N
0891 176016 2015-09-01	CARDIUM P
0891 186001 2014-04-01	SECOND WHITE SPECKS A
0891 186003 2014-04-01	SECOND WHITE SPECKS C
0891 186004 2015-08-01	SECOND WHITE SPECKS D
0891 186005 2001-02-01	SECOND WHITE SPECKS E
0891 186007 2013-07-01	SECOND WHITE SPECKS G
0891 202001 2001-05-01	FISH SCALE A
0891 218001 2011-01-01	VIKING A
0891 218002 2001-02-01	VIKING B
0891 218005 2013-02-01	VIKING E
0891 218007 2001-10-01	VIKING G
0891 218008 2001-10-01	VIKING H
0891 218010 2010-04-01	VIKING J
0891 218011 2001-02-01	VIKING K
0891 218012 2010-04-01	VIKING L
0891 218013 2001-02-01	VIKING M
0891 218015 2010-04-01	VIKING O
0891 218017 2001-02-01	VIKING Q
0891 218018 2001-02-01	VIKING R
0891 218019 2001-02-01	VIKING S
0891 218020 2001-02-01	VIKING T
0891 218021 2001-02-01	VIKING U
0891 218022 2001-02-01	VIKING V
0891 218023 2012-02-01	VIKING W
0891 218024 2010-04-01	VIKING X

POOL DESIGNATION (cont'd)

0891 218025 2001-02-01	VIKING Y
0891 218027 2001-02-01	VIKING AA
0891 218028 2001-02-01	VIKING BB
0891 218029 2010-04-01	VIKING CC
0891 218031 2001-12-01	VIKING EE
0891 218032 2001-02-01	VIKING FF
0891 218033 2001-02-01	VIKING GG
0891 218034 2001-02-01	VIKING HH
0891 218035 2001-02-01	VIKING II
0891 218036 2001-02-01	VIKING JJ
0891 218037 2002-11-01	VIKING KK
0891 218038 2004-03-01	VIKING LL
0891 218039 2007-03-01	VIKING MM
0891 218040 2012-11-01	VIKING NN
0891 250001 2004-08-01	UPPER MANNVILLE A
0891 250002 2001-02-01	UPPER MANNVILLE B
0891 250003 2001-06-01	UPPER MANNVILLE C
0891 250004 2002-04-01	UPPER MANNVILLE D
0891 250005 2001-11-01	UPPER MANNVILLE E
0891 250006 2003-05-01	UPPER MANNVILLE F
0891 250007 2004-05-01	UPPER MANNVILLE G
0891 250008 2005-06-01	UPPER MANNVILLE H
0891 250009 2007-10-01	UPPER MANNVILLE I
0891 250010 2009-01-01	UPPER MANNVILLE J
0891 250011 2009-07-01	UPPER MANNVILLE K
0891 250012 2010-10-01	UPPER MANNVILLE L
0891 250013 2012-11-01	UPPER MANNVILLE M
0891 250014 2013-06-01	UPPER MANNVILLE N
0891 250015 2013-09-01	UPPER MANNVILLE O
0891 300001 2001-02-01	GLAUCONITIC A
0891 300003 2001-02-01	GLAUCONITIC C
0891 300004 2001-02-01	GLAUCONITIC D
0891 300006 2001-02-01	GLAUCONITIC F
0891 300007 2001-02-01	GLAUCONITIC G
0891 300008 2001-02-01	GLAUCONITIC H
0891 300009 2001-02-01	GLAUCONITIC I

POOL DESIGNATION (cont'd)

0891 300010 2002-10-01	GLAUCONITIC J
0891 300011 2001-02-01	GLAUCONITIC K
0891 300012 2001-02-01	GLAUCONITIC L
0891 300013 2001-02-01	GLAUCONITIC M
0891 300014 2001-02-01	GLAUCONITIC N
0891 300015 2001-02-01	GLAUCONITIC O
0891 300016 2001-02-01	GLAUCONITIC P
0891 300017 2003-12-01	GLAUCONITIC Q
0891 300018 2011-04-01	GLAUCONITIC R
0891 300019 2005-04-01	GLAUCONITIC S
0891 300020 2006-01-01	GLAUCONITIC T
0891 300021 2010-04-01	GLAUCONITIC U
0891 300022 2009-08-01	GLAUCONITIC V
0891 300023 2012-07-01	GLAUCONITIC W
0891 300024 2009-11-01	GLAUCONITIC X
0891 300025 2015-10-01	GLAUCONITIC Y
0891 310001 2001-02-01	LOWER MANNVILLE A
0891 310002 2001-02-01	LOWER MANNVILLE B
0891 310004 2010-04-01	LOWER MANNVILLE D
0891 310005 2001-02-01	LOWER MANNVILLE E
0891 310008 2010-04-01	LOWER MANNVILLE H
0891 310010 2001-02-01	LOWER MANNVILLE J
0891 310011 2001-02-01	LOWER MANNVILLE K
0891 310013 2001-02-01	LOWER MANNVILLE M
0891 310014 2001-02-01	LOWER MANNVILLE N
0891 310015 2001-02-01	LOWER MANNVILLE O
0891 310018 2001-02-01	LOWER MANNVILLE R
0891 310019 2005-01-01	LOWER MANNVILLE S
0891 310024 2001-02-01	LOWER MANNVILLE X
0891 310025 2010-04-01	LOWER MANNVILLE Y
0891 310028 2010-11-01	LOWER MANNVILLE BB
0891 310029 2010-04-01	LOWER MANNVILLE CC
0891 310030 2010-04-01	LOWER MANNVILLE DD
0891 310032 2001-02-01	LOWER MANNVILLE FF
0891 310033 2001-02-01	LOWER MANNVILLE GG
0891 310036 2011-05-01	LOWER MANNVILLE JJ
0891 310037 2010-04-01	LOWER MANNVILLE KK

POOL DESIGNATION (cont'd)

0891 310038 2001-02-01	LOWER MANNVILLE LL
0891 310040 2003-08-01	LOWER MANNVILLE NN
0891 310041 2001-02-01	LOWER MANNVILLE OO
0891 310042 2001-02-01	LOWER MANNVILLE PP
0891 310043 2001-03-01	LOWER MANNVILLE QQ
0891 310044 2001-03-01	LOWER MANNVILLE RR
0891 310045 2001-09-01	LOWER MANNVILLE SS
0891 310046 2001-12-01	LOWER MANNVILLE TT
0891 310047 2003-09-01	LOWER MANNVILLE UU
0891 310048 2003-10-01	LOWER MANNVILLE VV
0891 310049 2008-04-01	LOWER MANNVILLE WW
0891 310050 2005-11-01	LOWER MANNVILLE XX
0891 310051 2006-04-01	LOWER MANNVILLE YY
0891 310052 2007-03-01	LOWER MANNVILLE ZZ
0891 310101 2007-05-01	LOWER MANNVILLE AAA
0891 310102 2007-06-01	LOWER MANNVILLE BBB
0891 310103 2008-05-01	LOWER MANNVILLE CCC
0891 310104 2010-04-01	LOWER MANNVILLE DDD
0891 310105 2009-05-01	LOWER MANNVILLE EEE
0891 310106 2010-07-01	LOWER MANNVILLE FFF
0891 310107 2010-07-01	LOWER MANNVILLE GGG
0891 310108 2015-09-01	LOWER MANNVILLE HHH
0891 310109 2010-12-01	LOWER MANNVILLE III
0891 310110 2011-01-01	LOWER MANNVILLE JJJ
0891 310111 2011-04-01	LOWER MANNVILLE KKK
0891 310112 2012-06-01	LOWER MANNVILLE LLL
0891 316003 2001-02-01	OSTRACOD C
0891 316005 2001-02-01	OSTRACOD E
0891 316006 2001-02-01	OSTRACOD F
0891 316009 2001-02-01	OSTRACOD I
0891 316010 2001-02-01	OSTRACOD J
0891 316011 2010-04-01	OSTRACOD K
0891 316013 2001-02-01	OSTRACOD M
0891 316014 2013-10-01	OSTRACOD N
0891 316015 2001-02-01	OSTRACOD O
0891 316017 2001-02-01	OSTRACOD Q
0891 316018 2001-02-01	OSTRACOD R

POOL DESIGNATION (cont'd)

0891 316019 2014-09-01	OSTRACOD S
0891 316020 2001-04-01	OSTRACOD T
0891 316021 2001-03-01	OSTRACOD U
0891 316022 2014-11-01	OSTRACOD V
0891 316023 2003-10-01	OSTRACOD W
0891 316024 2010-04-01	OSTRACOD X
0891 316025 2011-09-01	OSTRACOD Y
0891 316026 2004-06-01	OSTRACOD Z
0891 316027 2015-02-01	OSTRACOD AA
0891 316028 2008-08-01	OSTRACOD BB
0891 316029 2009-03-01	OSTRACOD CC
0891 316030 2010-07-01	OSTRACOD DD
0891 316031 2013-07-01	OSTRACOD EE
0891 316032 2013-10-01	OSTRACOD FF
0891 334001 2001-02-01	BASAL QUARTZ A
0891 334002 2001-02-01	BASAL QUARTZ B
0891 350002 2001-02-01	DETRITAL B
0891 350003 2001-02-01	DETRITAL C
0891 350004 2001-02-01	DETRITAL D
0891 350005 2010-07-01	DETRITAL E
0891 432051 2014-02-01	ROCK CREEK YY
0891 446001 2002-11-01	JURASSIC A
0891 446003 2010-04-01	JURASSIC C
0891 446004 2004-08-01	JURASSIC D
0891 446005 2001-02-01	JURASSIC E
0891 446006 2001-02-01	JURASSIC F
0891 446009 2001-10-01	JURASSIC I
0891 446011 2001-02-01	JURASSIC K
0891 446012 2001-02-01	JURASSIC L
0891 446013 2001-02-01	JURASSIC M
0891 446014 2010-04-01	JURASSIC N
0891 446016 2001-02-01	JURASSIC P
0891 446017 2010-04-01	JURASSIC Q
0891 446018 2001-02-01	JURASSIC R

POOL DESIGNATION (cont'd)

0891 446020 2001-02-01	JURASSIC T
0891 446021 2001-02-01	JURASSIC U
0891 446022 2001-02-01	JURASSIC V
0891 446023 2001-02-01	JURASSIC W
0891 446024 2001-02-01	JURASSIC X
0891 446025 2014-01-01	JURASSIC Y
0891 446026 2009-05-01	JURASSIC Z
0891 446027 2010-04-01	JURASSIC AA
0891 446029 2001-02-01	JURASSIC CC
0891 446031 2001-10-01	JURASSIC EE
0891 446032 2010-04-01	JURASSIC FF
0891 446033 2001-02-01	JURASSIC GG
0891 446034 2001-02-01	JURASSIC HH
0891 446035 2001-02-01	JURASSIC II
0891 446036 2001-02-01	JURASSIC JJ
0891 446037 2004-09-01	JURASSIC KK
0891 446038 2001-02-01	JURASSIC LL
0891 446039 2009-07-01	JURASSIC MM
0891 446040 2001-03-01	JURASSIC NN
0891 446041 2001-07-01	JURASSIC OO
0891 446042 2010-04-01	JURASSIC PP
0891 446043 2002-02-01	JURASSIC QQ
0891 446044 2002-06-01	JURASSIC RR
0891 446045 2002-10-01	JURASSIC SS
0891 446046 2004-06-01	JURASSIC TT
0891 446047 2005-07-01	JURASSIC UU
0891 446048 2007-07-01	JURASSIC VV
0891 446049 2008-11-01	JURASSIC WW
0891 446050 2009-06-01	JURASSIC XX
0891 446051 2010-01-01	JURASSIC YY
0891 446052 2015-08-01	JURASSIC ZZ
0891 446101 2010-07-01	JURASSIC-RUNDLE A
0891 450001 2001-02-01	JURASSIC DETRITAL A
0891 638005 2010-04-01	ELKTON E
0891 638006 2010-04-01	ELKTON F

POOL DESIGNATION (cont'd)

0891 638007 2001-02-01	ELKTON G
0891 638008 2001-02-01	ELKTON H
0891 638010 2001-02-01	ELKTON J
0891 638011 2010-04-01	ELKTON K
0891 638012 2001-02-01	ELKTON L
0891 638013 2003-08-01	ELKTON M
0891 638014 2001-02-01	ELKTON N
0891 638015 2001-02-01	ELKTON O
0891 638016 2001-02-01	ELKTON P
0891 638017 2001-02-01	ELKTON Q
0891 638018 2011-12-01	ELKTON R
0891 638019 2006-07-01	ELKTON S
0891 638020 2006-11-01	ELKTON T
0891 638021 2007-07-01	ELKTON U
0891 638022 2008-01-01	ELKTON V
0891 638023 2010-08-01	ELKTON W
0891 638024 2011-11-01	ELKTON X
0891 638025 2013-09-01	ELKTON Y
0891 639001 2010-04-01	ELKTON-SHUNDA A
0891 639002 2001-03-01	ELKTON-SHUNDA B
0891 639003 2001-02-01	ELKTON-SHUNDA C
0891 639004 2010-04-01	ELKTON-SHUNDA D
0891 639007 2001-03-01	ELKTON-SHUNDA G
0891 639008 2001-02-01	ELKTON-SHUNDA H
0891 639009 2001-03-01	ELKTON-SHUNDA I
0891 639010 2010-04-01	ELKTON-SHUNDA J
0891 639011 2011-05-01	ELKTON-SHUNDA K
0891 639012 2001-02-01	ELKTON-SHUNDA L
0891 639013 2001-02-01	ELKTON-SHUNDA M
0891 640001 2001-02-01	SHUNDA A
0891 640002 2001-02-01	SHUNDA B
0891 640003 2001-02-01	SHUNDA C
0891 640005 2001-02-01	SHUNDA E
0891 640007 2001-02-01	SHUNDA G
0891 640008 2001-02-01	SHUNDA H
0891 640009 2010-04-01	SHUNDA I

POOL DESIGNATION (cont'd)

0891 640010 2001-02-01	SHUNDA J
0891 640011 2001-02-01	SHUNDA K
0891 640012 2001-02-01	SHUNDA L
0891 640014 2001-02-01	SHUNDA N
0891 640015 2010-04-01	SHUNDA O
0891 640016 2001-02-01	SHUNDA P
0891 640017 2001-02-01	SHUNDA Q
0891 640018 2001-02-01	SHUNDA R
0891 640019 2013-10-01	SHUNDA S
0891 640020 2002-08-01	SHUNDA T
0891 640021 2002-11-01	SHUNDA U
0891 640022 2003-11-01	SHUNDA V
0891 640023 2003-10-01	SHUNDA W
0891 640024 2003-10-01	SHUNDA X
0891 640025 2010-04-01	SHUNDA Y
0891 640026 2015-07-01	SHUNDA Z
0891 640027 2009-12-01	SHUNDA AA
0891 640028 2013-07-01	SHUNDA BB
0891 640029 2013-07-01	SHUNDA CC
0891 642001 2011-05-01	PEKISKO A
0891 642002 2001-02-01	PEKISKO B
0891 642003 2001-02-01	PEKISKO C
0891 642004 2001-02-01	PEKISKO D
0891 642005 2001-02-01	PEKISKO E
0891 642007 2012-03-01	PEKISKO G
0891 642008 2001-02-01	PEKISKO H
0891 642009 2001-10-01	PEKISKO I
0891 642013 2001-02-01	PEKISKO M
0891 642014 2011-10-01	PEKISKO N
0891 642017 2001-02-01	PEKISKO Q
0891 642018 2001-02-01	PEKISKO R
0891 642019 2001-02-01	PEKISKO S
0891 642020 2002-01-01	PEKISKO T
0891 642021 2001-03-01	PEKISKO U
0891 642022 2001-02-01	PEKISKO V
0891 642023 2007-05-01	PEKISKO W
0891 642024 2001-02-01	PEKISKO X

POOL DESIGNATION (cont'd)

0891 642025 2001-02-01	PEKISKO Y
0891 642026 2001-02-01	PEKISKO Z
0891 642027 2008-07-01	PEKISKO AA
0891 642028 2001-02-01	PEKISKO BB
0891 642029 2010-04-01	PEKISKO CC
0891 642030 2010-04-01	PEKISKO DD
0891 642031 2001-02-01	PEKISKO EE
0891 642033 2011-02-01	PEKISKO GG
0891 642034 2001-02-01	PEKISKO HH
0891 642035 2001-02-01	PEKISKO II
0891 642036 2001-02-01	PEKISKO JJ
0891 642038 2001-02-01	PEKISKO LL
0891 642040 2002-02-01	PEKISKO NN
0891 642041 2011-01-01	PEKISKO OO
0891 642042 2003-09-01	PEKISKO PP
0891 642044 2004-06-01	PEKISKO RR
0891 642045 2006-05-01	PEKISKO SS
0891 642046 2008-03-01	PEKISKO TT
0891 642047 2009-02-01	PEKISKO UU
0891 642048 2009-10-01	PEKISKO VV
0891 642049 2010-07-01	PEKISKO WW
0891 642050 2010-07-01	PEKISKO XX
0891 642051 2011-02-01	PEKISKO YY
0891 642052 2013-07-01	PEKISKO ZZ
0891 720001 2010-04-01	D-3 A
0891 720002 2010-04-01	D-3 B
0891 720003 2005-05-01	D-3 C
0891 720004 2001-02-01	D-3 D
0891 720005 2001-02-01	D-3 E
0891 720006 2008-05-01	D-3 F
0891 720008 2007-10-01	D-3 H
0891 720009 2007-08-01	D-3 I
0891 720010 2008-08-01	D-3 J
0891 720011 2010-11-01	D-3 K
0891 720012 2012-10-01	D-3 L
0891 856200 2012-05-01	MFP8562 EDMONTON

POOL DESIGNATION (cont'd)

0891 856300 2013-12-01 MFP8563 LWR EDMONTON
0891 857100 2014-01-01 MFP8571 LWR EDMONTON

SPACING PATTERN

SU 4239 18 Jan 2005
SU 4239A 9 Feb 2005
SU 4239B 11 Feb 2005
SU 4239C 9 May 2005
SU 4239D 12 Jul 2005
SU 4239E 19 Aug 2005
SU 4239F 3 Jan 2006
SU 4239G 6 Feb 2006
SU 4239H 10 Feb 2006
SU 4239I 8 Mar 2006
SU 4239J 7 Nov 2006
SU 4239K 5 Jan 2007
SU 4239L 24 Apr 2007
SU 4239M 17 Jul 2007
SU 4239N 2 Oct 2007
SU 4239O 19 Oct 2007

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

App 10078D 8 Dec 2015
Waterflood
Pekisko G
Harvest Operations Corp.

CONCURRENT PRODUCTION

App 1991 27 Feb 1974
App 1991A 9 Oct 1974
App 1991B 14 Nov 1974
App 1991C 15 Apr 1991
Viking A
Amoco Canada Petroleum Company Ltd.

COMMINGLED PRODUCTION

MU 8756 3 Sep 2015

ENHANCED RECOVERY SCHEMES

App 7537F 3 Oct 2016
Waterflood
Pekisko B
ConocoPhillips Canada Resources Corp.

App 9950A 28 Apr 2015
Waterflood
Pekisko B
NAL Resources Limited

SUBSURFACE DISPOSAL SCHEMES

App 5717A 18 Oct 2011
Class II
Apache Canada Ltd.
App 7025C 5 Jan 2015
Class II
Penn West Petroleum Ltd.

App 7212H 17 Apr 2017
Class II
NAL Resources Limited

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

App 12604 17 Apr 2017
Class II
ConocoPhillips Canada Resources Corp.

COMPULSORY POOLING

P 13 1 Jun 1960

P 13 29 Mar 1961
Supplemental
Gas
09-038-02W5M
Canadian Oil Companies, Limited

P 332 10 Oct 2007
Gas
23-037-01W5M
Daylight Energy Ltd.

P 336 18 Oct 2007
P 336A 15 Apr 2008
P 336B 6 Aug 2008
Gas
07-038-02W5M
Anderson Energy Ltd.