

FIELD DESIGNATION

0893 2014-05-01 TABER FIELD

POOL DESIGNATION

0893 158001 2014-04-01 MILK RIVER A

0893 160001 2013-09-01 COLORADO A
0893 160003 2014-05-01 COLORADO C

0893 162001 2014-05-01 FIRST WHITE SPECKS A

0893 164001 2014-04-01 MEDICINE HAT A
0893 164002 2014-05-01 MEDICINE HAT B
0893 164003 2014-05-01 MEDICINE HAT C

0893 186006 2006-01-01 SECOND WHITE SPECKS F
0893 186007 2010-04-01 SECOND WHITE SPECKS G
0893 186008 2013-01-01 SECOND WHITE SPECKS H
0893 186009 2014-05-01 SECOND WHITE SPECKS I
0893 186010 2014-07-01 SECOND WHITE SPECKS J

0893 204001 2001-03-01 BARONS A
0893 204002 2001-03-01 BARONS B
0893 204003 2001-03-01 BARONS C
0893 204004 2001-03-01 BARONS D
0893 204005 2001-03-01 BARONS E
0893 204006 2001-03-01 BARONS F
0893 204007 2002-02-01 BARONS G
0893 204008 2008-05-01 BARONS H
0893 204009 2011-05-01 BARONS I
0893 204010 2014-05-01 BARONS J
0893 204011 2014-05-01 BARONS K
0893 204012 2014-05-01 BARONS L
0893 204013 2014-05-01 BARONS M

0893 213002 2001-02-01 BOW ISLAND B

POOL DESIGNATION (cont'd)

0893 213003 2001-02-01	BOW ISLAND C
0893 213004 2004-08-01	BOW ISLAND D
0893 213005 2008-05-01	BOW ISLAND E
0893 213006 2014-01-01	BOW ISLAND F
0893 300001 2001-02-01	GLAUCONITIC A
0893 300002 2001-02-01	GLAUCONITIC B
0893 300003 2001-02-01	GLAUCONITIC C
0893 300004 2011-09-01	GLAUCONITIC D
0893 300005 2004-08-01	GLAUCONITIC E
0893 300006 2011-09-01	GLAUCONITIC F
0893 300007 2001-02-01	GLAUCONITIC G
0893 300008 2001-02-01	GLAUCONITIC H
0893 300009 2001-02-01	GLAUCONITIC I
0893 300010 2001-02-01	GLAUCONITIC J
0893 300011 2011-09-01	GLAUCONITIC K
0893 300013 2014-05-01	GLAUCONITIC M
0893 346001 2017-07-01	TABER A
0893 346002 2001-02-01	TABER B
0893 346003 2001-02-01	TABER C
0893 346005 2001-02-01	TABER E
0893 346006 2001-10-01	TABER F
0893 346007 2001-02-01	TABER G
0893 346008 2001-09-01	TABER H
0893 346009 2011-09-01	TABER I
0893 346011 2001-02-01	TABER K
0893 346012 2015-03-01	TABER L
0893 346013 2001-02-01	TABER M
0893 346014 2011-09-01	TABER N
0893 346015 2001-02-01	TABER O
0893 346016 2001-02-01	TABER P
0893 346017 2016-04-01	TABER Q
0893 346018 2001-02-01	TABER R
0893 346020 2001-02-01	TABER T
0893 346021 2001-02-01	TABER U
0893 346022 2001-02-01	TABER V
0893 346024 2001-02-01	TABER X

POOL DESIGNATION (cont'd)

0893 346025 2001-02-01	TABER Y
0893 346028 2002-01-01	TABER BB
0893 346029 2001-02-01	TABER CC
0893 346030 2001-02-01	TABER DD
0893 346032 2001-02-01	TABER FF
0893 346035 2001-02-01	TABER II
0893 346036 2001-02-01	TABER JJ
0893 346037 2002-01-01	TABER KK
0893 346041 2003-01-01	TABER OO
0893 346042 2003-01-01	TABER PP
0893 346044 2017-07-01	TABER RR
0893 346045 2013-07-01	TABER SS
0893 346046 2013-07-01	TABER TT
0893 346047 2014-05-01	TABER UU
0893 346048 2014-05-01	TABER VV
0893 346049 2014-05-01	TABER WW
0893 346050 2014-05-01	TABER XX
0893 346051 2014-05-01	TABER YY
0893 428001 2001-02-01	SAWTOOTH A
0893 428002 2001-09-01	SAWTOOTH B
0893 428003 2013-07-01	SAWTOOTH C
0893 628001 2001-02-01	LIVINGSTONE A
0893 628002 2012-03-01	LIVINGSTONE B
0893 628003 2016-12-01	LIVINGSTONE C
0893 694001 2013-07-01	ARCS A
0893 854100 2010-04-01	MFP8541 2WS

SPACING PATTERN

SU 2782 1 Oct 1996
 SU 2782A 13 Mar 1997
 SU 2782B 21 May 1997
 SU 2782C 21 Oct 1997
 SU 2782D 5 Mar 1998
 SU 2782E 19 Aug 1998
 SU 2782F 17 Sep 2004
 SU 2782G 18 May 2006

MISCELLANEOUS ORDERS

MISC 91121 21 Oct 1991
 Facility clean-up

COMMINGLED PRODUCTION

MU 932 17 Aug 1992

**EXEMPTION FROM GAS
MEASUREMENT**

GE 11 16 Dec 1969
 GE 11A 16 Nov 1970
 GE 11B 16 Dec 1971
 Mannville A

GE 27 8 Dec 1983
 GE 27A 2 Aug 1984
 Mannville D

ENHANCED RECOVERY SCHEMES

App 8227E 18 Apr 2016
 Waterflood
 Taber XX
 Canadian Natural Resources Limited

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

App 3765L 29 May 2017
 Waterflood
 Taber UU
 Canadian Natural Resources Limited

App 10976F 17 Jul 2015
 Waterflood
 Taber UU
 Canadian Natural Resources Limited

App 8439D 11 Jan 2017
 Waterflood
 Taber P
 Canadian Natural Resources Limited

App 8563D 13 Apr 2015
 Waterflood
 Taber L
 Canadian Natural Resources Limited

App 9968C 29 Jul 2016
 Waterflood
 Taber N
 Canadian Natural Resources Limited

App 10860H 12 Dec 2016
 Chemical
 Glauconitic K
 Canadian Natural Resources Limited

App 11497C 18 Nov 2014
 Waterflood
 Taber I
 Canadian Natural Resources Limited

ENHANCED RECOVERY SCHEMES
(cont'd)

App 12654 2 Aug 2017
Waterflood
Taber A
Canadian Natural Resources Limited

SUBSURFACE DISPOSAL SCHEMES

App 7862A 11 Jul 2014
Class Ib
Newalta Corporation

App 4332 25 Sep 1984
Class II
Anadarko Petroleum of Canada, Ltd.

App 7816A 18 Sep 2012
Class II
Taber Water Disposal Inc.

App 10896A 9 Mar 2010
Class II
Strategic Oil & Gas Ltd.

App 10952G 10 Jul 2014
Class II
Canadian Natural Resources Limited

FIELD DESIGNATION

0894 2015-05-01 TABER NORTH FIELD

POOL DESIGNATION

0894 158001 2014-04-01 MILK RIVER A
0894 162001 2014-05-01 FIRST WHITE SPECKS A
0894 164001 2014-05-01 MEDICINE HAT A
0894 204001 2018-04-01 BARONS A
0894 204002 2008-06-01 BARONS B
0894 213001 2008-03-01 BOW ISLAND A
0894 250001 2001-02-01 UPPER MANNVILLE A

0894 300001 2008-02-01 GLAUCONITIC A
0894 300003 2001-02-01 GLAUCONITIC C
0894 300004 2001-02-01 GLAUCONITIC D
0894 300005 2011-09-01 GLAUCONITIC E
0894 300011 2001-02-01 GLAUCONITIC K
0894 300012 2001-02-01 GLAUCONITIC L
0894 300013 2002-03-01 GLAUCONITIC M
0894 300014 2012-09-01 GLAUCONITIC N
0894 300015 2013-07-01 GLAUCONITIC O
0894 300016 2013-07-01 GLAUCONITIC P

0894 316001 2001-02-01 OSTRACOD A
0894 316002 2001-02-01 OSTRACOD B

0894 346001 2003-03-01 TABER A
0894 346002 2010-04-01 TABER B
0894 346003 2001-02-01 TABER C
0894 346004 2013-10-01 TABER D
0894 346005 2013-09-01 TABER E

POOL DESIGNATION (cont'd)

0894 346009 2001-10-01	TABER I
0894 346010 2001-02-01	TABER J
0894 346011 2001-10-01	TABER K
0894 346012 2001-02-01	TABER L
0894 346013 2001-02-01	TABER M
0894 346015 2018-04-01	TABER O
0894 346019 2001-02-01	TABER S
0894 346021 2001-02-01	TABER U
0894 346022 2011-09-01	TABER V
0894 346023 2001-10-01	TABER W
0894 346025 2001-02-01	TABER Y
0894 346027 2001-02-01	TABER AA
0894 346028 2001-02-01	TABER BB
0894 346029 2001-02-01	TABER CC
0894 346030 2001-02-01	TABER DD
0894 346031 2001-02-01	TABER EE
0894 346032 2001-02-01	TABER FF
0894 346033 2001-02-01	TABER GG
0894 346035 2001-02-01	TABER II
0894 346036 2001-02-01	TABER JJ
0894 346038 2001-02-01	TABER LL
0894 346039 2014-02-01	TABER MM
0894 346040 2017-05-01	TABER NN
0894 346043 2001-02-01	TABER QQ
0894 346044 2008-02-01	TABER RR
0894 346045 2001-02-01	TABER SS
0894 346046 2012-01-01	TABER TT
0894 346047 2001-02-01	TABER UU
0894 346048 2008-10-01	TABER VV
0894 346049 2008-10-01	TABER WW
0894 346050 2011-05-01	TABER XX
0894 346051 2012-02-01	TABER YY
0894 346052 2012-01-01	TABER ZZ
0894 346101 2013-08-01	TABER AAA
0894 428001 2001-02-01	SAWTOOTH A
0894 428002 2001-02-01	SAWTOOTH B
0894 428003 2001-02-01	SAWTOOTH C

POOL DESIGNATION (cont'd)

0894 428004 2001-02-01 SAWTOOTH D
 0894 428005 2001-02-01 SAWTOOTH E
 0894 428006 2001-02-01 SAWTOOTH F

 0894 628001 2013-08-01 LIVINGSTONE A
 0894 628002 2016-10-01 LIVINGSTONE B

SPACING PATTERN

SU 2927 27 Apr 1999
 SU 2927A 19 Oct 1999
 SU 2927B 3 Jan 2001
 SU 2927C 30 Jul 2001
 SU 2927D 16 May 2002
 SU 2927E 13 Dec 2005
 SU 2927F 28 Sep 2007

COMMINGLED PRODUCTION

MU 7501 6 Aug 2010

ENHANCED RECOVERY SCHEMES

App 8528E 9 Apr 2015
 Waterflood
 Taber A
 Canadian Natural Resources Limited

 App 10304J 19 Jun 2017
 Other
 Glauconitic A
 Canadian Natural Resources Limited

 App 10760C 30 Oct 2014
 Waterflood
 Glauconitic A
 Canadian Natural Resources Limited

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

App 10793C 7 Jul 2016
 Waterflood
 Glauconitic A
 Canadian Natural Resources Limited

 App 10814A 7 Jul 2016
 Waterflood
 Glauconitic C
 Canadian Natural Resources Limited

 App 11476F 21 Nov 2014
 Waterflood
 Glauconitic E
 Canadian Natural Resources Limited

 App 11478C 13 Oct 2017
 Waterflood
 Taber K
 Canadian Natural Resources Limited

 App 11520B 7 Jan 2015
 Waterflood
 Taber RR
 Canadian Natural Resources Limited

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

App 11521B 29 Mar 2017
Waterflood
Taber V
Canadian Natural Resources Limited

SUBSURFACE DISPOSAL SCHEMES

App 8688A 22 Jan 2018
Class II
Luxur Resources Inc.

App 9996B 16 Jul 2014
Class II
Canadian Oil and Gas International Inc.

App 10415B 5 Feb 2016
Class Ib
Taber Water Disposal Inc.

App 10832J 10 Apr 2018
Class II
Canadian Natural Resources Limited

FIELD DESIGNATION

0895 2014-05-01 TABER SOUTH FIELD

POOL DESIGNATION

0895 158001 2011-07-01 MILK RIVER A

0895 204001 2014-01-01 BARONS A

0895 204007 2006-01-01 BARONS G

0895 204008 2013-12-01 BARONS H

0895 213001 2010-04-01 BOW ISLAND A

0895 213004 2001-02-01 BOW ISLAND D

0895 213005 2001-02-01 BOW ISLAND E

0895 213006 2001-02-01 BOW ISLAND F

0895 213008 2011-09-01 BOW ISLAND H

0895 213009 2004-04-01 BOW ISLAND I

0895 213010 2011-09-01 BOW ISLAND J

0895 213011 2003-12-01 BOW ISLAND K

0895 213012 2003-12-01 BOW ISLAND L

0895 213013 2013-10-01 BOW ISLAND M

0895 213014 2005-02-01 BOW ISLAND N

0895 213015 2006-01-01 BOW ISLAND O

0895 213016 2006-10-01 BOW ISLAND P

0895 213017 2011-06-01 BOW ISLAND Q

0895 248001 2012-10-01 MANNVILLE A

0895 248002 2010-04-01 MANNVILLE B

0895 248004 2010-04-01 MANNVILLE D

0895 248008 2001-02-01 MANNVILLE H

0895 248012 2012-10-01 MANNVILLE L

0895 248014 2001-02-01 MANNVILLE N

0895 248016 2001-02-01 MANNVILLE P

0895 248018 2001-02-01 MANNVILLE R

0895 248019 2001-02-01 MANNVILLE S

0895 248021 2011-09-01 MANNVILLE U

0895 248022 2013-07-01 MANNVILLE V

POOL DESIGNATION (cont'd)

0895 300001 2012-06-01 GLAUCONITIC A
 0895 300002 2001-02-01 GLAUCONITIC B
 0895 300003 2015-02-01 GLAUCONITIC C
 0895 300007 2001-06-01 GLAUCONITIC G
 0895 300008 2001-02-01 GLAUCONITIC H
 0895 300009 2001-02-01 GLAUCONITIC I
 0895 300010 2001-02-01 GLAUCONITIC J
 0895 300011 2003-10-01 GLAUCONITIC K
 0895 300012 2007-09-01 GLAUCONITIC L
 0895 300013 2013-07-01 GLAUCONITIC M

0895 346001 2001-02-01 TABER A
 0895 346002 2014-03-01 TABER B
 0895 346003 2001-02-01 TABER C
 0895 346041 2001-08-01 TABER OO
 0895 346042 2003-10-01 TABER PP
 0895 346043 2006-04-01 TABER QQ

0895 428001 2010-04-01 SAWTOOTH A
 0895 428002 2001-02-01 SAWTOOTH B

0895 628001 2001-02-01 LIVINGSTONE A
 0895 628002 2013-03-01 LIVINGSTONE B

0895 630001 2001-02-01 TURNER VALLEY A

SPACING PATTERN

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

COMMINGLED PRODUCTION

MU 4165 7 Mar 2005

ENHANCED RECOVERY SCHEMES

App 5751A 11 Jul 2014
 Waterflood
 Mannville A
 Lomalta Petroleums Ltd.

 App 6557G 24 Jan 2017
 Waterflood
 Mannville D
 Zargon Oil & Gas Ltd.

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

App 6862G 15 Jun 2015
Waterflood
Mannville A
Zargon Oil & Gas Ltd.

App 7491P 6 Jun 2017
Waterflood
Mannville A
Canadian Natural Resources Limited

App 8246E 16 Mar 2016
Waterflood
Mannville P, S and Sawtooth B
Canadian Natural Resources Limited

App 8247H 28 Jul 2016
Waterflood
Taber B
Canadian Natural Resources Limited

App 8267E 22 Feb 2017
Waterflood
Mannville N, and Mannville U
Canadian Natural Resources Limited

App 9980B 26 Aug 2014
Waterflood
Mannville A
Husky Oil Operations Limited

App 10418K 28 Jul 2016
Chemical
Mannville B
Canadian Natural Resources Limited

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

App 11662B 19 Sep 2016
Waterflood
Glaucconitic G
Canadian Natural Resources Limited

SUBSURFACE DISPOSAL SCHEMES

App 10509 22 Mar 2006
Class II
Zargon Oil & Gas Ltd.

FIELD DESIGNATION

0896 2014-01-01 TABER SOUTHEAST FIELD

POOL DESIGNATION

0896 213001 2008-03-01 BOW ISLAND A

0896 248001 2001-02-01 MANNVILLE A

0896 248002 2010-04-01 MANNVILLE B

0896 248003 2010-04-01 MANNVILLE C

0896 248004 2001-02-01 MANNVILLE D

SPACING PATTERN

SU 2526 8 Feb 1996

SU 2526A 6 May 1998

**EXEMPTION FROM GAS
MEASUREMENT**

GE 30 29 Nov 1984

Mannville A

SUBSURFACE DISPOSAL SCHEMES

App 7163F 8 Jun 2015

Class II

Arrow Point Oil & Gas Ltd.

FIELD DESIGNATION

1324 2008-10-01 TALBOT LAKE FIELD

POOL DESIGNATION

1324 304002 2010-04-01 BLUESKY B
1324 304003 2010-11-01 BLUESKY C
1324 304004 2001-02-01 BLUESKY D
1324 304005 2001-02-01 BLUESKY E
1324 304006 2010-04-01 BLUESKY F
1324 304007 2002-09-01 BLUESKY G
1324 304008 2010-04-01 BLUESKY H
1324 304009 2003-08-01 BLUESKY I
1324 304010 2005-11-01 BLUESKY J
1324 304011 2007-06-01 BLUESKY K
1324 304012 2005-02-01 BLUESKY L
1324 304013 2007-08-01 BLUESKY M
1324 304014 2005-02-01 BLUESKY N
1324 304015 2008-11-01 BLUESKY O
1324 304016 2007-04-01 BLUESKY P
1324 304017 2007-04-01 BLUESKY Q
1324 304018 2007-04-01 BLUESKY R
1324 304019 2007-04-01 BLUESKY S
1324 304020 2010-04-01 BLUESKY T
1324 304021 2010-04-01 BLUESKY U
1324 304022 2007-11-01 BLUESKY V
1324 304023 2007-11-01 BLUESKY W
1324 304024 2008-08-01 BLUESKY X
1324 304025 2009-07-01 BLUESKY Y

1324 305001 2004-11-01 BLUESKY-GETHING A

1324 326001 2001-02-01 GETHING A
1324 326002 2005-03-01 GETHING B
1324 326003 2007-11-01 GETHING C
1324 326004 2010-04-01 GETHING D

POOL DESIGNATION (cont'd)

1324 658001 2009-03-01 WABAMUN A

1324 758001 2008-10-01 SLAVE POINT A

SPACING PATTERN

SU 2915 12 Jan 1999

SU 2915A 4 Jan 2001

COMMINGLED PRODUCTION

MU 6264 18 Nov 2006

FIELD DESIGNATION

0899 2008-05-01 TANGENT FIELD

POOL DESIGNATION

0899 228001 2010-04-01 PEACE RIVER A
0899 228002 2007-01-01 PEACE RIVER B
0899 228003 2007-09-01 PEACE RIVER C
0899 228004 2008-05-01 PEACE RIVER D
0899 228005 2011-11-01 PEACE RIVER E
0899 228006 2010-07-01 PEACE RIVER F

0899 264001 2001-02-01 SPIRIT RIVER A
0899 264002 2006-06-01 SPIRIT RIVER B
0899 264003 2001-11-01 SPIRIT RIVER C
0899 264004 2001-02-01 SPIRIT RIVER D
0899 264005 2001-02-01 SPIRIT RIVER E
0899 264006 2001-02-01 SPIRIT RIVER F
0899 264009 2006-10-01 SPIRIT RIVER I
0899 264010 2006-12-01 SPIRIT RIVER J
0899 264011 2002-02-01 SPIRIT RIVER K
0899 264012 2003-01-01 SPIRIT RIVER L
0899 264013 2010-05-01 SPIRIT RIVER M
0899 264014 2005-02-01 SPIRIT RIVER N
0899 264015 2004-01-01 SPIRIT RIVER O
0899 264016 2004-02-01 SPIRIT RIVER P
0899 264017 2005-12-01 SPIRIT RIVER Q
0899 264018 2006-06-01 SPIRIT RIVER R
0899 264019 2007-01-01 SPIRIT RIVER S
0899 264020 2007-03-01 SPIRIT RIVER T
0899 264021 2007-09-01 SPIRIT RIVER U
0899 264022 2007-09-01 SPIRIT RIVER V
0899 264023 2008-02-01 SPIRIT RIVER W
0899 264024 2007-12-01 SPIRIT RIVER X

0899 304001 2001-02-01 BLUESKY A
0899 304002 2003-02-01 BLUESKY B

POOL DESIGNATION (cont'd)

0899 304003 2001-02-01 BLUESKY C
0899 304004 2004-01-01 BLUESKY D
0899 304005 2003-05-01 BLUESKY E
0899 304006 2002-03-01 BLUESKY F
0899 304007 2003-01-01 BLUESKY G
0899 304008 2004-09-01 BLUESKY H
0899 304009 2005-12-01 BLUESKY I
0899 304010 2010-04-01 BLUESKY J
0899 304011 2007-09-01 BLUESKY K
0899 304012 2007-12-01 BLUESKY L
0899 304013 2008-10-01 BLUESKY M

0899 326003 2001-02-01 GETHING C
0899 326004 2001-02-01 GETHING D
0899 326005 2003-03-01 GETHING E
0899 326006 2001-02-01 GETHING F
0899 326007 2001-02-01 GETHING G
0899 326008 2001-02-01 GETHING H
0899 326009 2001-03-01 GETHING I
0899 326010 2006-12-01 GETHING J
0899 326011 2010-04-01 GETHING K
0899 326012 2004-01-01 GETHING L
0899 326013 2004-07-01 GETHING M
0899 326014 2005-07-01 GETHING N
0899 326015 2006-03-01 GETHING O
0899 326016 2006-03-01 GETHING P
0899 326017 2010-04-01 GETHING Q
0899 326018 2010-04-01 GETHING R
0899 326019 2007-09-01 GETHING S
0899 326020 2007-09-01 GETHING T

0899 500001 2006-06-01 TRIASSIC A
0899 500002 2001-02-01 TRIASSIC B
0899 500003 2001-02-01 TRIASSIC C
0899 500004 2001-02-01 TRIASSIC D
0899 500005 2001-02-01 TRIASSIC E
0899 500006 2001-02-01 TRIASSIC F
0899 500007 2009-05-01 TRIASSIC G

POOL DESIGNATION (cont'd)

0899 500008	2001-02-01	TRIASSIC H
0899 500009	2013-04-01	TRIASSIC I
0899 500010	2010-04-01	TRIASSIC J
0899 500011	2002-05-01	TRIASSIC K
0899 500012	2002-04-01	TRIASSIC L
0899 524001	2009-05-01	MONTNEY A
0899 524003	2002-04-01	MONTNEY C
0899 524004	2005-05-01	MONTNEY D
0899 524005	2006-12-01	MONTNEY E
0899 524006	2010-05-01	MONTNEY F
0899 524009	2011-02-01	MONTNEY I
0899 524010	2007-10-01	MONTNEY J
0899 524011	2008-10-01	MONTNEY K
0899 524013	2015-05-01	MONTNEY M
0899 524015	2008-06-01	MONTNEY O
0899 524016	2008-09-01	MONTNEY P
0899 524017	2009-06-01	MONTNEY Q
0899 524018	2015-04-01	MONTNEY R
0899 524019	2014-01-01	MONTNEY S
0899 556001	2001-02-01	BELLOY A
0899 606001	2001-02-01	KISKATINAW A
0899 612001	2005-05-01	DEBOLT A
0899 612002	2001-02-01	DEBOLT B
0899 612003	2010-04-01	DEBOLT C
0899 612004	2005-05-01	DEBOLT D
0899 612005	2003-02-01	DEBOLT E
0899 612006	2003-02-01	DEBOLT F
0899 612009	2010-04-01	DEBOLT I
0899 612010	2010-04-01	DEBOLT J
0899 612011	2008-05-01	DEBOLT K
0899 612012	2010-04-01	DEBOLT L
0899 612013	2008-04-01	DEBOLT M
0899 612014	2006-10-01	DEBOLT N
0899 612015	2006-10-01	DEBOLT O

POOL DESIGNATION (cont'd)

0899 612016 2009-12-01	DEBOLT P
0899 638001 2013-07-01	ELKTON A
0899 644001 2016-07-01	BANFF A
0899 644002 2002-06-01	BANFF B
0899 644003 2002-11-01	BANFF C
0899 644004 2010-04-01	BANFF D
0899 658001 2001-02-01	D-1 A
0899 658002 2001-02-01	D-1 B
0899 658003 2001-02-01	D-1 C
0899 658004 2001-02-01	D-1 D
0899 658005 2001-02-01	D-1 E
0899 658006 2001-02-01	D-1 F
0899 658007 2001-02-01	D-1 G
0899 658008 2010-04-01	D-1 H
0899 658009 2001-02-01	D-1 I
0899 658010 2001-02-01	D-1 J
0899 658011 2001-02-01	D-1 K
0899 658012 2001-02-01	D-1 L
0899 658013 2001-02-01	D-1 M
0899 658014 2001-02-01	D-1 N
0899 658015 2001-02-01	D-1 O
0899 658016 2001-02-01	D-1 P
0899 658017 2001-02-01	D-1 Q
0899 658018 2001-02-01	D-1 R
0899 658019 2001-02-01	D-1 S
0899 658020 2001-02-01	D-1 T
0899 658021 2001-02-01	D-1 U
0899 658022 2001-02-01	D-1 V
0899 658023 2001-02-01	D-1 W
0899 658024 2001-02-01	D-1 X
0899 658025 2001-02-01	D-1 Y
0899 658026 2001-02-01	D-1 Z
0899 658027 2001-02-01	D-1 AA
0899 658028 2012-01-01	D-1 BB
0899 658029 2001-02-01	D-1 CC

POOL DESIGNATION (cont'd)

0899 658030	2001-02-01	D-1 DD
0899 658031	2001-02-01	D-1 EE
0899 658032	2001-02-01	D-1 FF
0899 658033	2001-02-01	D-1 GG
0899 658034	2001-02-01	D-1 HH
0899 658035	2001-02-01	D-1 II
0899 658036	2001-02-01	D-1 JJ
0899 658037	2001-02-01	D-1 KK
0899 658038	2001-02-01	D-1 LL
0899 658039	2001-02-01	D-1 MM
0899 658040	2001-02-01	D-1 NN
0899 658041	2001-02-01	D-1 OO
0899 658042	2001-02-01	D-1 PP
0899 658043	2010-04-01	D-1 QQ
0899 658044	2001-11-01	D-1 RR
0899 658045	2001-02-01	D-1 SS
0899 658046	2001-02-01	D-1 TT
0899 658047	2001-02-01	D-1 UU
0899 658048	2001-02-01	D-1 VV
0899 658049	2001-02-01	D-1 WW
0899 658050	2001-02-01	D-1 XX
0899 658051	2001-02-01	D-1 YY
0899 658052	2001-02-01	D-1 ZZ
0899 658101	2001-02-01	D-1 AAA
0899 658102	2001-02-01	D-1 BBB
0899 658103	2001-02-01	D-1 CCC
0899 658104	2001-02-01	D-1 DDD
0899 658105	2001-02-01	D-1 EEE
0899 658106	2001-02-01	D-1 FFF
0899 658107	2001-02-01	D-1 GGG
0899 658108	2001-02-01	D-1 HHH
0899 658109	2001-02-01	D-1 III
0899 658110	2001-02-01	D-1 JJJ
0899 658111	2001-02-01	D-1 KKK
0899 658112	2001-02-01	D-1 LLL
0899 658113	2001-02-01	D-1 MMM
0899 658114	2001-02-01	D-1 NNN
0899 658115	2001-02-01	D-1 OOO

POOL DESIGNATION (cont'd)

0899 658116 2001-02-01 D-1 PPP
0899 658117 2001-02-01 D-1 QQQ
0899 658118 2001-02-01 D-1 RRR
0899 658119 2001-05-01 D-1 SSS
0899 658120 2007-10-01 D-1 TTT
0899 658121 2007-08-01 D-1 UUU
0899 658122 2008-08-01 D-1 VVV
0899 658123 2009-04-01 D-1 WWW
0899 658124 2018-03-01 D-1 XXX

SPACING PATTERN

SU 2527B 7 Mar 2001
SU 2527C 13 Aug 2001
SU 2527D 16 Sep 2002
SU 2527E 4 Nov 2004

COMMINGLED PRODUCTION

MU 5196 31 Jan 2006
MU 7896 30 May 2011

ENHANCED RECOVERY SCHEMES

App 12233B 1 Feb 2018
Waterflood
Montney R
Rising Star Resources Ltd.

App 12524A 14 Sep 2016
Waterflood
Montney F
Rising Star Resources Ltd.

SUBSURFACE DISPOSAL SCHEMES

App 8587C 12 Sep 2017
Class II
Obsidian Energy Ltd.

App 12140B 21 Apr 2015
Class II
Petrus Resources Ltd.

FIELD DESIGNATION

1332 2001-02-01 TANGHE FIELD

POOL DESIGNATION

1332 612001 2003-08-01 DEBOLT A

FIELD DESIGNATION

1271 2015-07-01 TAR FIELD

POOL DESIGNATION

1271 262001 2001-02-01 GRAND RAPIDS A
1271 262002 2001-02-01 GRAND RAPIDS B
1271 262003 2002-10-01 GRAND RAPIDS C
1271 262004 2010-04-01 GRAND RAPIDS D
1271 262005 2010-04-01 GRAND RAPIDS E
1271 262008 2008-09-01 GRAND RAPIDS H
1271 262009 2008-09-01 GRAND RAPIDS I

1271 280001 2007-07-01 CLEARWATER A

1271 306011 2004-01-01 WABISKAW K
1271 306012 2015-07-01 WABISKAW L
1271 306014 2015-07-01 WABISKAW N
1271 306015 2015-07-01 WABISKAW O
1271 306018 2015-07-01 WABISKAW R
1271 306019 2004-01-01 WABISKAW S
1271 306023 2006-03-01 WABISKAW W
1271 306025 2007-11-01 WABISKAW Y
1271 306026 2007-11-01 WABISKAW Z
1271 306027 2008-10-01 WABISKAW AA
1271 306028 2013-02-01 WABISKAW BB
1271 306029 2015-07-01 WABISKAW CC
1271 306031 2013-03-01 WABISKAW EE
1271 306035 2013-03-01 WABISKAW II
1271 306036 2015-07-01 WABISKAW JJ

1271 328015 2006-03-01 MCMURRAY O
1271 328016 2006-03-01 MCMURRAY P

COMMINGLED PRODUCTION

MU 8740 6 Jul 2015

FIELD DESIGNATION

1273 2005-10-01 TATE FIELD

POOL DESIGNATION

1273 758001 2001-07-01 SLAVE POINT A
1273 758002 2003-09-01 SLAVE POINT B
1273 758003 2003-06-01 SLAVE POINT C
1273 758004 2010-04-01 SLAVE POINT D

1273 767501 2008-06-01 SULPHUR POINT A
1273 767502 2010-04-01 SULPHUR POINT B
1273 767503 2008-06-01 SULPHUR POINT C
1273 767504 2010-04-01 SULPHUR POINT D
1273 767505 2008-06-01 SULPHUR POINT E

COMMINGLED PRODUCTION

MU 3339 13 Feb 2004

FIELD DESIGNATION

0944 2001-02-01 TAWATINAW FIELD

POOL DESIGNATION

0944 262001 2001-02-01 GRAND RAPIDS A

FIELD DESIGNATION

0904 2011-02-01 TEEPEE FIELD

POOL DESIGNATION

0904 192001 2009-09-01 DUNVEGAN A

0904 310001 2001-02-01 LOWER MANNVILLE A
0904 310002 2001-02-01 LOWER MANNVILLE B
0904 310003 2002-06-01 LOWER MANNVILLE C
0904 310004 2003-11-01 LOWER MANNVILLE D
0904 310005 2008-12-01 LOWER MANNVILLE E
0904 310006 2009-09-01 LOWER MANNVILLE F
0904 310007 2009-09-01 LOWER MANNVILLE G

0904 508001 2001-02-01 CHARLIE LAKE A
0904 508002 2001-10-01 CHARLIE LAKE B
0904 508003 2001-02-01 CHARLIE LAKE C
0904 508005 2001-07-01 CHARLIE LAKE E
0904 508006 2002-02-01 CHARLIE LAKE F
0904 508007 2010-04-01 CHARLIE LAKE G
0904 508008 2003-05-01 CHARLIE LAKE H
0904 508009 2004-01-01 CHARLIE LAKE I
0904 508010 2006-11-01 CHARLIE LAKE J
0904 508011 2006-01-01 CHARLIE LAKE K
0904 508012 2006-08-01 CHARLIE LAKE L
0904 508013 2007-10-01 CHARLIE LAKE M

0904 520001 2010-04-01 DOIG A
0904 520002 2010-04-01 DOIG B
0904 520006 2010-04-01 DOIG F
0904 520007 2009-02-01 DOIG G
0904 520009 2009-09-01 DOIG I

0904 524001 2001-02-01 MONTNEY A

0904 606001 2001-02-01 KISKATINAW A

POOL DESIGNATION (cont'd)

0904 606002 2001-02-01 KISKATINAW B

0904 658003 2001-02-01 WABAMUN C

0904 658004 2001-02-01 WABAMUN D

SPACING PATTERN

SU 2830 14 Oct 1997

SU 2830A 13 Jan 1998

SU 2830B 21 Aug 2007

SUBSURFACE DISPOSAL SCHEMES

App 7179A 9 Apr 2012

Class II

Canadian Natural Resources Limited

App 8352A 28 May 2012

Class II

ARC Resources Ltd.

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May 2018

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POOL DESIGNATION

0900 218001 2003-03-01 VIKING A

0900 218002 2002-05-01 VIKING B

0900 644001 2001-11-01 BANFF A

0900 644002 2001-02-01 BANFF B

0900 644003 2001-03-01 BANFF C

FIELD DESIGNATION

0898 2002-04-01 TEMPLETON FIELD

POOL DESIGNATION

0898 213001 2005-09-01 BOW ISLAND A
0898 213002 2005-09-01 BOW ISLAND B
0898 213003 2009-06-01 BOW ISLAND C
0898 213004 2009-06-01 BOW ISLAND D
0898 213005 2009-06-01 BOW ISLAND E

0898 332001 2001-02-01 SUNBURST A
0898 332002 2002-04-01 SUNBURST B
0898 332004 2008-03-01 SUNBURST D

0898 610001 2005-05-01 RUNDLE A

SPACING PATTERN

SU 2527 8 Feb 1996
SU 2527A 26 Jan 2001

FIELD DESIGNATION

0901 2011-06-01 THERIEN FIELD

POOL DESIGNATION

0901 218002 2004-10-01 VIKING B
0901 218003 2005-02-01 VIKING C
0901 218004 2010-11-01 VIKING D
0901 218005 2011-02-01 VIKING E
0901 218006 2011-05-01 VIKING F
0901 218007 2012-03-01 VIKING G

0901 250001 2001-02-01 UPPER MANNVILLE A
0901 250002 2010-04-01 UPPER MANNVILLE B
0901 250004 2010-04-01 UPPER MANNVILLE D
0901 250005 2001-02-01 UPPER MANNVILLE E
0901 250006 2010-04-01 UPPER MANNVILLE F
0901 250007 2010-04-01 UPPER MANNVILLE G
0901 250008 2001-02-01 UPPER MANNVILLE H
0901 250009 2001-02-01 UPPER MANNVILLE I
0901 250010 2001-02-01 UPPER MANNVILLE J
0901 250013 2010-04-01 UPPER MANNVILLE M
0901 250015 2001-02-01 UPPER MANNVILLE O
0901 250016 2001-02-01 UPPER MANNVILLE P
0901 250017 2001-02-01 UPPER MANNVILLE Q
0901 250018 2001-02-01 UPPER MANNVILLE R
0901 250019 2001-02-01 UPPER MANNVILLE S
0901 250020 2010-04-01 UPPER MANNVILLE T
0901 250021 2006-11-01 UPPER MANNVILLE U
0901 250022 2001-02-01 UPPER MANNVILLE V
0901 250023 2001-02-01 UPPER MANNVILLE W
0901 250026 2001-02-01 UPPER MANNVILLE Z
0901 250027 2001-02-01 UPPER MANNVILLE AA
0901 250028 2010-04-01 UPPER MANNVILLE BB
0901 250029 2001-03-01 UPPER MANNVILLE CC
0901 250030 2003-07-01 UPPER MANNVILLE DD
0901 250031 2003-07-01 UPPER MANNVILLE EE

POOL DESIGNATION (cont'd)

0901 250032	2003-07-01	UPPER MANNVILLE FF
0901 250033	2003-07-01	UPPER MANNVILLE GG
0901 250034	2003-07-01	UPPER MANNVILLE HH
0901 250035	2003-07-01	UPPER MANNVILLE II
0901 250036	2003-07-01	UPPER MANNVILLE JJ
0901 250037	2003-08-01	UPPER MANNVILLE KK
0901 250038	2003-10-01	UPPER MANNVILLE LL
0901 250039	2011-06-01	UPPER MANNVILLE MM
0901 250040	2004-11-01	UPPER MANNVILLE NN
0901 250041	2007-09-01	UPPER MANNVILLE OO
0901 250042	2012-06-01	UPPER MANNVILLE PP
0901 310001	2001-02-01	LOWER MANNVILLE A
0901 310002	2001-02-01	LOWER MANNVILLE B

SPACING PATTERN

SU 2745 2 May 1996

COMMINGLED PRODUCTION

MU 5429 24 Mar 2006

FIELD DESIGNATION

0903 2011-08-01 THORHILD FIELD

POOL DESIGNATION

0903 186001 2006-12-01 SECOND WHITE SPECKS A
0903 186002 2010-04-01 SECOND WHITE SPECKS B
0903 186003 2001-02-01 SECOND WHITE SPECKS C
0903 186004 2010-04-01 SECOND WHITE SPECKS D

0903 218001 2001-02-01 VIKING A
0903 218002 2001-02-01 VIKING B
0903 218003 2001-02-01 VIKING C
0903 218004 2001-02-01 VIKING D
0903 218005 2014-10-01 VIKING E
0903 218006 2009-07-01 VIKING F

0903 248001 2001-02-01 MANNVILLE A
0903 248003 2001-02-01 MANNVILLE C
0903 248004 2001-02-01 MANNVILLE D
0903 248005 2001-02-01 MANNVILLE E
0903 248006 2001-02-01 MANNVILLE F
0903 248007 2010-04-01 MANNVILLE G
0903 248008 2001-02-01 MANNVILLE H
0903 248009 2001-02-01 MANNVILLE I
0903 248010 2001-02-01 MANNVILLE J
0903 248011 2011-08-01 MANNVILLE K
0903 248012 2001-02-01 MANNVILLE L
0903 248013 2001-02-01 MANNVILLE M
0903 248014 2001-02-01 MANNVILLE N
0903 248015 2010-04-01 MANNVILLE O
0903 248016 2001-02-01 MANNVILLE P
0903 248017 2001-02-01 MANNVILLE Q
0903 248018 2011-03-01 MANNVILLE R
0903 248019 2011-02-01 MANNVILLE S
0903 248020 2001-02-01 MANNVILLE T
0903 248021 2001-02-01 MANNVILLE U

POOL DESIGNATION (cont'd)

0903 248022	2001-02-01	MANNVILLE V
0903 248023	2010-04-01	MANNVILLE W
0903 248024	2001-02-01	MANNVILLE X
0903 248025	2001-02-01	MANNVILLE Y
0903 248026	2001-02-01	MANNVILLE Z
0903 248028	2001-02-01	MANNVILLE BB
0903 248029	2001-02-01	MANNVILLE CC
0903 248030	2001-02-01	MANNVILLE DD
0903 248031	2001-02-01	MANNVILLE EE
0903 248032	2001-02-01	MANNVILLE FF
0903 248033	2011-02-01	MANNVILLE GG
0903 248034	2001-02-01	MANNVILLE HH
0903 248036	2001-02-01	MANNVILLE JJ
0903 248037	2001-02-01	MANNVILLE KK
0903 248038	2001-02-01	MANNVILLE LL
0903 248039	2009-03-01	MANNVILLE MM
0903 248040	2001-02-01	MANNVILLE NN
0903 248041	2001-02-01	MANNVILLE OO
0903 248042	2001-02-01	MANNVILLE PP
0903 248043	2010-04-01	MANNVILLE QQ
0903 248044	2001-02-01	MANNVILLE RR
0903 248046	2001-02-01	MANNVILLE TT
0903 248047	2001-02-01	MANNVILLE UU
0903 248048	2001-02-01	MANNVILLE VV
0903 248049	2010-04-01	MANNVILLE WW
0903 248050	2001-02-01	MANNVILLE XX
0903 248051	2015-03-01	MANNVILLE YY
0903 248052	2001-02-01	MANNVILLE ZZ
0903 248102	2001-11-01	MANNVILLE BBB
0903 248103	2001-02-01	MANNVILLE CCC
0903 248104	2001-02-01	MANNVILLE DDD
0903 248105	2001-02-01	MANNVILLE EEE
0903 248106	2001-02-01	MANNVILLE FFF
0903 248107	2001-02-01	MANNVILLE GGG
0903 248108	2001-02-01	MANNVILLE HHH
0903 248109	2001-02-01	MANNVILLE III
0903 248110	2001-02-01	MANNVILLE JJJ
0903 248111	2001-02-01	MANNVILLE KKK

POOL DESIGNATION (cont'd)

0903 248112 2001-03-01	MANNVILLE LLL
0903 248113 2001-03-01	MANNVILLE MMM
0903 248114 2001-03-01	MANNVILLE NNN
0903 248115 2014-01-01	MANNVILLE OOO
0903 248116 2001-03-01	MANNVILLE PPP
0903 248117 2001-03-01	MANNVILLE QQQ
0903 248118 2005-10-01	MANNVILLE RRR
0903 248119 2001-03-01	MANNVILLE SSS
0903 248120 2001-03-01	MANNVILLE TTT
0903 248121 2015-03-01	MANNVILLE UUU
0903 248122 2004-06-01	MANNVILLE VVV
0903 248123 2001-11-01	MANNVILLE WWW
0903 248124 2002-01-01	MANNVILLE XXX
0903 248125 2016-01-01	MANNVILLE YYY
0903 248126 2010-04-01	MANNVILLE ZZZ
0903 248127 2002-12-01	MANNVILLE A2A
0903 248128 2002-12-01	MANNVILLE B2B
0903 248129 2004-08-01	MANNVILLE C2C
0903 248130 2003-11-01	MANNVILLE D2D
0903 248132 2004-09-01	MANNVILLE F2F
0903 248133 2004-09-01	MANNVILLE G2G
0903 248134 2005-03-01	MANNVILLE H2H
0903 248135 2010-04-01	MANNVILLE I2I
0903 248136 2005-10-01	MANNVILLE J2J
0903 248137 2005-11-01	MANNVILLE K2K
0903 248138 2007-02-01	MANNVILLE L2L
0903 248139 2007-05-01	MANNVILLE M2M
0903 248140 2007-09-01	MANNVILLE N2N
0903 248141 2007-09-01	MANNVILLE O2O
0903 248142 2007-11-01	MANNVILLE P2P
0903 248143 2015-03-01	MANNVILLE Q2Q
0903 248144 2008-11-01	MANNVILLE R2R
0903 248145 2007-12-01	MANNVILLE S2S
0903 248146 2009-05-01	MANNVILLE T2T
0903 248147 2010-04-01	MANNVILLE U2U
0903 248148 2010-04-01	MANNVILLE V2V
0903 248149 2009-11-01	MANNVILLE W2W
0903 248150 2010-06-01	MANNVILLE X2X

POOL DESIGNATION (cont'd)

0903 248151 2011-03-01 MANNVILLE Y2Y
0903 248152 2011-04-01 MANNVILLE Z2Z
0903 248201 2011-08-01 MANNVILLE A3A
0903 248202 2011-08-01 MANNVILLE B3B
0903 248203 2011-12-01 MANNVILLE C3C
0903 248204 2012-01-01 MANNVILLE D3D
0903 248205 2012-01-01 MANNVILLE E3E

0903 336001 2001-02-01 ELLERSLIE A
0903 336003 2001-02-01 ELLERSLIE C
0903 336004 2006-05-01 ELLERSLIE D
0903 336005 2007-09-01 ELLERSLIE E

0903 658001 2001-02-01 WABAMUN A
0903 658002 2001-02-01 WABAMUN B
0903 658003 2001-02-01 WABAMUN C
0903 658004 2001-02-01 WABAMUN D
0903 658006 2001-02-01 WABAMUN F
0903 658008 2001-02-01 WABAMUN H
0903 658009 2001-02-01 WABAMUN I
0903 658010 2001-02-01 WABAMUN J
0903 658011 2011-01-01 WABAMUN K

SPACING PATTERN

SU 2537 23 Jan 1996

COMMINGLED PRODUCTION

MU 5945 18 Aug 2006

FIELD DESIGNATION

0945 2010-03-01 THORNBURY FIELD

POOL DESIGNATION

0945 262001 2010-04-01 GRAND RAPIDS A
0945 262002 2011-02-01 GRAND RAPIDS B
0945 262003 2001-02-01 GRAND RAPIDS C
0945 262004 2001-02-01 GRAND RAPIDS D
0945 262014 2010-04-01 GRAND RAPIDS N
0945 262015 2001-02-01 GRAND RAPIDS O
0945 262016 2005-11-01 GRAND RAPIDS P
0945 262017 2004-06-01 GRAND RAPIDS Q
0945 262018 2004-07-01 GRAND RAPIDS R
0945 262019 2001-03-01 GRAND RAPIDS S
0945 262020 2001-03-01 GRAND RAPIDS T
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0945 262025 2001-09-01 GRAND RAPIDS Y
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0945 262029 2004-06-01 GRAND RAPIDS CC
0945 262030 2003-11-01 GRAND RAPIDS DD
0945 262031 2004-01-01 GRAND RAPIDS EE
0945 262032 2010-04-01 GRAND RAPIDS FF
0945 262033 2004-09-01 GRAND RAPIDS GG
0945 262034 2004-09-01 GRAND RAPIDS HH
0945 262035 2004-09-01 GRAND RAPIDS II
0945 262036 2004-12-01 GRAND RAPIDS JJ
0945 262037 2010-04-01 GRAND RAPIDS KK
0945 262038 2006-08-01 GRAND RAPIDS LL
0945 262039 2006-08-01 GRAND RAPIDS MM
0945 262040 2008-03-01 GRAND RAPIDS NN
0945 262041 2010-03-01 GRAND RAPIDS OO

POOL DESIGNATION (cont'd)

0945 262042 2011-10-01	GRAND RAPIDS PP
0945 280001 2004-07-01	CLEARWATER A
0945 280002 2001-03-01	CLEARWATER B
0945 280003 2004-08-01	CLEARWATER C
0945 280004 2005-03-01	CLEARWATER D
0945 328001 2010-04-01	MCMURRAY A
0945 328003 2010-04-01	MCMURRAY C
0945 328007 2010-04-01	MCMURRAY G
0945 328008 2001-02-01	MCMURRAY H
0945 328009 2009-09-01	MCMURRAY I
0945 328010 2001-06-01	MCMURRAY J
0945 328011 2010-04-01	MCMURRAY K
0945 328012 2001-06-01	MCMURRAY L
0945 328013 2010-04-01	MCMURRAY M
0945 328014 2001-02-01	MCMURRAY N
0945 328015 2001-02-01	MCMURRAY O
0945 328016 2001-02-01	MCMURRAY P
0945 328017 2001-02-01	MCMURRAY Q
0945 328018 2010-04-01	MCMURRAY R
0945 328019 2001-02-01	MCMURRAY S
0945 328020 2002-10-01	MCMURRAY T
0945 328021 2001-02-01	MCMURRAY U
0945 328022 2001-02-01	MCMURRAY V
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0945 328024 2001-02-01	MCMURRAY X
0945 328025 2010-04-01	MCMURRAY Y
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0945 328027 2001-02-01	MCMURRAY AA
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0945 328035 2001-06-01	MCMURRAY II
0945 328036 2001-06-01	MCMURRAY JJ

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0945 328037 2010-04-01	MCMURRAY KK
0945 328038 2008-06-01	MCMURRAY LL
0945 328039 2001-02-01	MCMURRAY MM
0945 328040 2014-03-01	MCMURRAY NN
0945 328041 2001-06-01	MCMURRAY OO
0945 328042 2009-09-01	MCMURRAY PP
0945 328043 2001-02-01	MCMURRAY QQ
0945 328045 2001-02-01	MCMURRAY SS
0945 328046 2001-02-01	MCMURRAY TT
0945 328047 2001-02-01	MCMURRAY UU
0945 328048 2008-07-01	MCMURRAY VV
0945 328050 2010-04-01	MCMURRAY XX
0945 328051 2004-01-01	MCMURRAY YY
0945 328604 2010-04-01	MCMURRAY DDD
0945 328605 2001-02-01	MCMURRAY EEE
0945 328606 2008-07-01	MCMURRAY FFF
0945 328607 2004-01-01	MCMURRAY GGG
0945 328608 2004-09-01	MCMURRAY HHH
0945 328609 2001-03-01	MCMURRAY III
0945 328610 2001-03-01	MCMURRAY JJJ
0945 328611 2014-05-01	MCMURRAY KKK
0945 328612 2001-02-01	MCMURRAY LLL
0945 328617 2004-09-01	MCMURRAY QQQ
0945 328620 2005-05-01	MCMURRAY TTT
0945 328623 2001-02-01	MCMURRAY WWW
0945 328624 2001-02-01	MCMURRAY XXX
0945 328626 2010-04-01	MCMURRAY ZZZ
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0945 328630 2004-01-01	MCMURRAY D2D
0945 328631 2001-02-01	MCMURRAY E2E
0945 328633 2010-04-01	MCMURRAY G2G
0945 328635 2011-08-01	MCMURRAY I2I
0945 328636 2001-02-01	MCMURRAY J2J
0945 328637 2001-02-01	MCMURRAY K2K
0945 328638 2010-04-01	MCMURRAY L2L
0945 328639 2010-04-01	MCMURRAY M2M
0945 328640 2001-02-01	MCMURRAY N2N
0945 328641 2001-02-01	MCMURRAY O2O

POOL DESIGNATION (cont'd)

0945 328642 2001-02-01	MCMURRAY P2P
0945 328643 2001-02-01	MCMURRAY Q2Q
0945 328644 2001-02-01	MCMURRAY R2R
0945 328650 2010-04-01	MCMURRAY X2X
0945 328651 2001-02-01	MCMURRAY Y2Y
0945 328652 2001-02-01	MCMURRAY Z2Z
0945 328906 2001-02-01	MCMURRAY F3F
0945 328907 2001-02-01	MCMURRAY G3G
0945 328908 2001-02-01	MCMURRAY H3H
0945 328909 2001-02-01	MCMURRAY I3I
0945 328910 2001-02-01	MCMURRAY J3J
0945 328911 2001-06-01	MCMURRAY K3K
0945 328912 2001-02-01	MCMURRAY L3L
0945 328914 2008-07-01	MCMURRAY N3N
0945 328915 2001-02-01	MCMURRAY O3O
0945 328916 2001-02-01	MCMURRAY P3P
0945 328917 2001-02-01	MCMURRAY Q3Q
0945 328918 2010-04-01	MCMURRAY R3R
0945 328919 2001-02-01	MCMURRAY S3S
0945 328920 2010-04-01	MCMURRAY T3T
0945 328922 2001-02-01	MCMURRAY V3V
0945 328924 2001-02-01	MCMURRAY X3X
0945 328925 2001-02-01	MCMURRAY Y3Y
0945 328926 2001-02-01	MCMURRAY Z3Z
0945 328927 2001-02-01	MCMURRAY A4A
0945 328928 2001-03-01	MCMURRAY B4B
0945 328929 2010-04-01	MCMURRAY C4C
0945 328930 2003-04-01	MCMURRAY D4D
0945 328931 2002-06-01	MCMURRAY E4E
0945 328932 2001-06-01	MCMURRAY F4F
0945 328933 2001-08-01	MCMURRAY G4G
0945 328934 2002-04-01	MCMURRAY H4H
0945 328935 2001-09-01	MCMURRAY I4I
0945 328936 2003-12-01	MCMURRAY J4J
0945 328937 2002-02-01	MCMURRAY K4K
0945 328938 2002-09-01	MCMURRAY L4L
0945 328939 2003-02-01	MCMURRAY M4M
0945 328940 2002-09-01	MCMURRAY N4N

POOL DESIGNATION (cont'd)

0945 328941 2002-10-01	MCMURRAY O4O
0945 328943 2003-02-01	MCMURRAY Q4Q
0945 328944 2003-03-01	MCMURRAY R4R
0945 328945 2003-04-01	MCMURRAY S4S
0945 328946 2003-04-01	MCMURRAY T4T
0945 328947 2004-04-01	MCMURRAY U4U
0945 328950 2010-04-01	MCMURRAY X4X
0945 328951 2003-12-01	MCMURRAY Y4Y
0945 329001 2003-12-01	MCMURRAY A5A
0945 329002 2004-09-01	MCMURRAY B5B
0945 329003 2003-12-01	MCMURRAY C5C
0945 329004 2007-02-01	MCMURRAY D5D
0945 329005 2004-07-01	MCMURRAY E5E
0945 329006 2010-04-01	MCMURRAY F5F
0945 329008 2010-04-01	MCMURRAY H5H
0945 329009 2003-12-01	MCMURRAY I5I
0945 329010 2005-05-01	MCMURRAY J5J
0945 329011 2010-04-01	MCMURRAY K5K
0945 329013 2010-04-01	MCMURRAY M5M
0945 329014 2004-01-01	MCMURRAY N5N
0945 329015 2004-01-01	MCMURRAY O5O
0945 329016 2004-01-01	MCMURRAY P5P
0945 329017 2010-04-01	MCMURRAY Q5Q
0945 329018 2004-01-01	MCMURRAY R5R
0945 329019 2004-01-01	MCMURRAY S5S
0945 329020 2004-08-01	MCMURRAY T5T
0945 329021 2004-01-01	MCMURRAY U5U
0945 329022 2004-01-01	MCMURRAY V5V
0945 329023 2004-01-01	MCMURRAY W5W
0945 329025 2004-01-01	MCMURRAY Y5Y
0945 329026 2004-01-01	MCMURRAY Z5Z
0945 329027 2004-01-01	MCMURRAY A6A
0945 329028 2010-04-01	MCMURRAY B6B
0945 329029 2012-08-01	MCMURRAY C6C
0945 329030 2004-08-01	MCMURRAY D6D
0945 329031 2005-07-01	MCMURRAY E6E
0945 329032 2005-06-01	MCMURRAY F6F
0945 329033 2005-09-01	MCMURRAY G6G

POOL DESIGNATION (cont'd)

0945 329034 2005-11-01	MCMURRAY H6H
0945 329035 2005-12-01	MCMURRAY I6I
0945 329036 2007-02-01	MCMURRAY J6J
0945 329038 2006-09-01	MCMURRAY L6L
0945 329039 2006-12-01	MCMURRAY M6M
0945 329040 2007-09-01	MCMURRAY N6N
0945 329041 2008-06-01	MCMURRAY O6O
0945 329042 2008-08-01	MCMURRAY P6P
0945 329043 2008-08-01	MCMURRAY Q6Q
0945 329044 2008-08-01	MCMURRAY R6R
0945 329046 2008-09-01	MCMURRAY T6T
0945 329047 2008-09-01	MCMURRAY U6U
0945 329048 2008-09-01	MCMURRAY V6V
0945 329049 2010-09-01	MCMURRAY W6W
0945 329050 2009-10-01	MCMURRAY X6X
0945 329051 2011-12-01	MCMURRAY Y6Y
0945 329052 2014-04-01	MCMURRAY Z6Z
0945 329101 2014-04-01	MCMURRAY A7A
0945 329102 2014-04-01	MCMURRAY B7B

SPACING PATTERN

SU 2616	13 Mar 1996
SU 2616A	12 Jul 2005
SU 2616B	30 Jun 2006

COMMINGLED PRODUCTION

MU 7169	22 May 2009
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SUBSURFACE DISPOSAL SCHEMES

App 8857	1 Aug 2001
Class II	
Husky Oil Operations Limited	

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

App 9591	16 Sep 2003
Class II	
Canadian Natural Resources Limited	

FIELD DESIGNATION

0964 2014-03-01 THORSBY FIELD

POOL DESIGNATION

0964 118801 2011-07-01 LOWER EDMONTON A
0964 118802 2011-12-01 LOWER EDMONTON B

0964 126002 2009-03-01 BELLY RIVER B
0964 126003 2010-04-01 BELLY RIVER C
0964 126004 2011-12-01 BELLY RIVER D

0964 250001 2018-05-01 UPPER MANNVILLE A

0964 300001 2001-02-01 GLAUCONITIC A
0964 300002 2010-04-01 GLAUCONITIC B
0964 300004 2015-12-01 GLAUCONITIC D
0964 300005 2010-04-01 GLAUCONITIC E
0964 300008 2001-02-01 GLAUCONITIC H
0964 300009 2001-02-01 GLAUCONITIC I
0964 300010 2001-02-01 GLAUCONITIC J
0964 300011 2010-04-01 GLAUCONITIC K
0964 300012 2001-02-01 GLAUCONITIC L
0964 300013 2001-02-01 GLAUCONITIC M
0964 300014 2001-02-01 GLAUCONITIC N
0964 300015 2001-03-01 GLAUCONITIC O
0964 300016 2001-03-01 GLAUCONITIC P
0964 300017 2002-01-01 GLAUCONITIC Q
0964 300018 2002-01-01 GLAUCONITIC R
0964 300019 2003-05-01 GLAUCONITIC S
0964 300020 2010-05-01 GLAUCONITIC T
0964 300021 2012-04-01 GLAUCONITIC U
0964 300022 2016-01-01 GLAUCONITIC V

0964 310002 2010-04-01 LOWER MANNVILLE B
0964 310003 2010-04-01 LOWER MANNVILLE C
0964 310005 2001-02-01 LOWER MANNVILLE E

POOL DESIGNATION (cont'd)

0964 310006	2001-02-01	LOWER MANNVILLE F
0964 310007	2001-02-01	LOWER MANNVILLE G
0964 310008	2001-02-01	LOWER MANNVILLE H
0964 310009	2001-02-01	LOWER MANNVILLE I
0964 310010	2001-02-01	LOWER MANNVILLE J
0964 310011	2001-03-01	LOWER MANNVILLE K
0964 310012	2003-09-01	LOWER MANNVILLE L
0964 310013	2010-04-01	LOWER MANNVILLE M
0964 310014	2006-04-01	LOWER MANNVILLE N
0964 310015	2013-09-01	LOWER MANNVILLE O

0964 316001	2001-02-01	OSTRACOD A
0964 316002	2002-02-01	OSTRACOD B
0964 316003	2004-12-01	OSTRACOD C

SPACING PATTERN

SU 2170	13 Apr 1995
SU 2170A	29 Aug 2000
SU 2170B	1 Nov 2000
SU 2170C	21 Nov 2000
SU 2170D	23 Jan 2001
SU 2170E	23 Feb 2001
SU 2170F	20 Jul 2005
SU 2170G	3 Aug 2006

COMMINGLED PRODUCTION

MU 8255	5 Dec 2011
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**ENHANCED RECOVERY SCHEMES &
CONCURRENT PRODUCTION**

App 6720J 4 Nov 2016
Waterflood & concurrent production
Glauconic A
Petrus Resources Corp.

FIELD DESIGNATION

0906 2011-01-01 THREE HILLS CREEK FIELD

POOL DESIGNATION

0906 106003 2006-05-01 EDMONTON C
0906 106005 2013-04-01 EDMONTON E
0906 106006 2013-04-01 EDMONTON F

0906 118801 2013-02-01 LOWER EDMONTON A
0906 118802 2017-04-01 LOWER EDMONTON B
0906 118803 2006-11-01 LOWER EDMONTON C
0906 118804 2014-05-01 LOWER EDMONTON D
0906 118805 2013-04-01 LOWER EDMONTON E
0906 118806 2013-04-01 LOWER EDMONTON F
0906 118807 2013-04-01 LOWER EDMONTON G
0906 118808 2017-05-01 LOWER EDMONTON H

0906 126010 2001-02-01 BELLY RIVER J
0906 126044 2003-10-01 BELLY RIVER RR
0906 126050 2005-10-01 BELLY RIVER XX
0906 126052 2005-12-01 BELLY RIVER ZZ
0906 126303 2006-08-01 BELLY RIVER CCC
0906 126311 2011-03-01 BELLY RIVER KKK
0906 126312 2013-02-01 BELLY RIVER LLL

0906 134008 2013-10-01 BASAL BELLY RIVER H
0906 134009 2005-06-01 BASAL BELLY RIVER I
0906 134010 2005-06-01 BASAL BELLY RIVER J
0906 134031 2011-01-01 BASAL BELLY RIVER EE
0906 134047 2013-04-01 BASAL BELLY RIVER UU

0906 218001 2010-04-01 VIKING A
0906 218002 2001-02-01 VIKING B
0906 218003 2010-04-01 VIKING C
0906 218004 2001-02-01 VIKING D
0906 218006 2010-08-01 VIKING F

POOL DESIGNATION (cont'd)

0906 218007 2001-02-01	VIKING G
0906 218008 2001-02-01	VIKING H
0906 218009 2010-04-01	VIKING I
0906 218012 2001-02-01	VIKING L
0906 218013 2012-02-01	VIKING M
0906 218015 2001-02-01	VIKING O
0906 218018 2010-04-01	VIKING R
0906 218020 2014-02-01	VIKING T
0906 218022 2012-06-01	VIKING V
0906 218023 2008-11-01	VIKING W
0906 218024 2001-02-01	VIKING X
0906 218025 2001-02-01	VIKING Y
0906 218026 2001-02-01	VIKING Z
0906 218027 2001-02-01	VIKING AA
0906 218028 2017-11-01	VIKING BB
0906 218029 2013-05-01	VIKING CC
0906 218032 2004-01-01	VIKING FF
0906 218033 2002-05-01	VIKING GG
0906 218034 2010-04-01	VIKING HH
0906 218035 2014-06-01	VIKING II
0906 218036 2004-07-01	VIKING JJ
0906 218037 2007-09-01	VIKING KK
0906 218038 2008-07-01	VIKING LL
0906 218039 2010-04-01	VIKING MM
0906 218041 2011-11-01	VIKING OO
0906 218042 2013-04-01	VIKING PP
0906 300001 2010-04-01	GLAUCONITIC A
0906 300002 2010-04-01	GLAUCONITIC B
0906 300003 2001-02-01	GLAUCONITIC C
0906 300004 2001-02-01	GLAUCONITIC D
0906 300005 2001-02-01	GLAUCONITIC E
0906 300010 2001-02-01	GLAUCONITIC J
0906 300011 2010-04-01	GLAUCONITIC K
0906 336001 2005-05-01	ELLERSLIE A
0906 336002 2001-02-01	ELLERSLIE B
0906 336003 2001-02-01	ELLERSLIE C

POOL DESIGNATION (cont'd)

0906 336004	2001-12-01	ELLERSLIE D
0906 336005	2001-02-01	ELLERSLIE E
0906 336006	2001-02-01	ELLERSLIE F
0906 336007	2010-04-01	ELLERSLIE G
0906 336008	2001-02-01	ELLERSLIE H
0906 336009	2001-02-01	ELLERSLIE I
0906 336010	2010-04-01	ELLERSLIE J
0906 336011	2001-02-01	ELLERSLIE K
0906 336012	2001-02-01	ELLERSLIE L
0906 336013	2001-02-01	ELLERSLIE M
0906 336014	2001-02-01	ELLERSLIE N
0906 336015	2001-02-01	ELLERSLIE O
0906 336016	2001-02-01	ELLERSLIE P
0906 336017	2001-02-01	ELLERSLIE Q
0906 336018	2009-10-01	ELLERSLIE R
0906 336019	2001-02-01	ELLERSLIE S
0906 336020	2001-02-01	ELLERSLIE T
0906 336021	2001-02-01	ELLERSLIE U
0906 336022	2001-02-01	ELLERSLIE V
0906 336023	2001-02-01	ELLERSLIE W
0906 336024	2002-05-01	ELLERSLIE X
0906 336026	2002-06-01	ELLERSLIE Z
0906 336027	2002-10-01	ELLERSLIE AA
0906 336028	2003-03-01	ELLERSLIE BB
0906 336029	2003-10-01	ELLERSLIE CC
0906 336030	2003-12-01	ELLERSLIE DD
0906 336031	2010-04-01	ELLERSLIE EE
0906 336032	2010-04-01	ELLERSLIE FF
0906 336033	2005-08-01	ELLERSLIE GG
0906 336034	2006-12-01	ELLERSLIE HH
0906 336035	2006-12-01	ELLERSLIE II
0906 336036	2007-09-01	ELLERSLIE JJ
0906 336037	2009-03-01	ELLERSLIE KK
0906 336038	2009-03-01	ELLERSLIE LL
0906 336039	2013-04-01	ELLERSLIE MM
0906 336040	2013-07-01	ELLERSLIE NN
0906 642000	2014-06-01	PEKISKO

POOL DESIGNATION (cont'd)

0906 642002 2010-04-01	PEKISKO B
0906 642003 2001-02-01	PEKISKO C
0906 642004 2010-04-01	PEKISKO D
0906 642005 2001-02-01	PEKISKO E
0906 642006 2014-07-01	PEKISKO F
0906 644001 2001-02-01	BANFF A
0906 644002 2002-11-01	BANFF B
0906 696002 2001-02-01	D-2 B
0906 696003 2001-02-01	D-2 C
0906 696004 2001-02-01	D-2 D
0906 720001 2001-02-01	D-3 A
0906 720002 2001-02-01	D-3 B
0906 720003 2010-04-01	D-3 C
0906 720004 2013-07-01	D-3 D
0906 850600 2013-11-01	MFP8506 BELLY RIVER
0906 856000 2011-01-01	MFP8560 BSL BELLY RIV
0906 960500 2012-11-01	MFP9605 CBM LARD
0906 960600 2012-11-01	MFP9606 CBM CARB
0906 960700 2012-11-01	MFP9607 CBM UHSC
0906 960800 2012-06-01	MFP9608 CBM WAYN
0906 960900 2012-06-01	MFP9609 CBM RS
0906 961000 2012-11-01	MFP9610 CBM DBSL
0906 961300 2011-05-01	MFP9613 CBM RBSL
0906 961400 2013-06-01	MFP9614 CBM LETH

POOL DESIGNATION (cont'd)

0906 961500 2011-05-01 MFP9615 CBM TABR

0906 961600 2012-11-01 MFP9616 CBM MCKY

SPACING PATTERN

SU 2415 23 Nov 1995
SU 2415A 14 Oct 1997
SU 2415B 26 Nov 2003
SU 2415C 3 Nov 2004
SU 2415D 19 Nov 2004
SU 2415E 3 Mar 2005
SU 2415F 24 Mar 2005
SU 2415G 11 Jun 2005
SU 2415H 29 Jun 2005
SU 2415I 14 Oct 2005
SU 2415J 10 Jan 2006
SU 2415K 21 Mar 2006
SU 2415L 6 Apr 2006
SU 2415M 3 Aug 2007
SU 2415N 9 Aug 2007

COMPULSORY POOLING

P 212 17 Oct 2001
Gas
35-035-25W4M
Artemis Energy Limited

P 358 23 May 2008
P 358A 26 Nov 2008
P 358B 27 Jun 2016
Gas
19-036-26W4M
Quicksilver Resources Canada Inc.

P 422 15 Apr 2011
P422A 13 Oct 2017
Gas
22-037-25W4M
Regent Resources Ltd.

COMMINGLED PRODUCTION

MU 8148 19 Oct 2011

CONCURRENT PRODUCTION

App 1216 1 Oct 1960

App 1216A 16 Oct 1969
Pekisko
Amoco Canada Petroleum Company Ltd.

FIELD DESIGNATION

0807 2006-10-01 THUNDER FIELD

POOL DESIGNATION

0807 126001 2001-02-01 BELLY RIVER A

0807 218001 2009-03-01 VIKING A

0807 250001 2008-11-01 UPPER MANNVILLE A

0807 300001 2010-04-01 GLAUCONITIC A

0807 300002 2001-10-01 GLAUCONITIC B

0807 300003 2005-12-01 GLAUCONITIC C

0807 444001 2001-02-01 NORDEGG A

0807 444002 2001-02-01 NORDEGG B

0807 444003 2004-09-01 NORDEGG C

0807 644001 2012-02-01 BANFF A

SPACING PATTERN

SU 3090 8 Feb 2002
SU 3090A 15 Oct 2003
SU 3090B 17 Mar 2004
SU 3090C 26 Mar 2005
SU 3090D 23 Mar 2007
SU 3090E 28 Sep 2007
SU 3090F 19 Oct 2007

COMMINGLED PRODUCTION

MU 1719 27 Jan 1999

SUBSURFACE DISPOSAL SCHEMES

App 11265B 16 Feb 2012
Class II
Trident Exploration (alberta) Corp.

App 11310B 13 Jan 2015
Class II
Nexen Energy ULC

COMPULSORY POOLING

P 419 19 Jan 2011
Gas
13-060-06W5M
Fort Energy Corp.

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TIM

TIMBERWOLF FIELD

0954

May 2018

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FIELD DESIGNATION

0954 2001-02-01

TIMBERWOLF FIELD

FIELD DESIGNATION

0974 2002-06-01 TIMEU FIELD

POOL DESIGNATION

0974 250001 2001-02-01 UPPER MANNVILLE A
0974 250002 2004-07-01 UPPER MANNVILLE B
0974 250003 2011-12-01 UPPER MANNVILLE C
0974 250004 2011-12-01 UPPER MANNVILLE D

0974 300001 2001-04-01 GLAUCONITIC A
0974 300002 2002-06-01 GLAUCONITIC B

0974 316001 2001-02-01 OSTRACOD A

0974 336001 2001-04-01 ELLERSLIE A
0974 336002 2002-06-01 ELLERSLIE B
0974 336003 2002-06-01 ELLERSLIE C

SPACING PATTERN

SU 4373 18 Oct 2007

FIELD DESIGNATION

0981 2009-11-01 TINDASTOLL FIELD

POOL DESIGNATION

0981 118812 2010-06-01 LOWER EDMONTON L

0981 126008 2008-05-01 BELLY RIVER H
0981 126009 2013-07-01 BELLY RIVER I

0981 134001 2010-04-01 BASAL BELLY RIVER A
0981 134002 2005-07-01 BASAL BELLY RIVER B
0981 134003 2005-07-01 BASAL BELLY RIVER C
0981 134004 2005-07-01 BASAL BELLY RIVER D
0981 134005 2005-07-01 BASAL BELLY RIVER E
0981 134006 2005-07-01 BASAL BELLY RIVER F
0981 134007 2014-06-01 BASAL BELLY RIVER G

0981 218001 2001-02-01 VIKING A
0981 218002 2010-04-01 VIKING B
0981 218003 2010-04-01 VIKING C
0981 218004 2009-07-01 VIKING D
0981 218005 2012-09-01 VIKING E

0981 310001 2001-02-01 LOWER MANNVILLE A
0981 310002 2010-04-01 LOWER MANNVILLE B
0981 310003 2001-02-01 LOWER MANNVILLE C
0981 310004 2001-02-01 LOWER MANNVILLE D
0981 310005 2005-11-01 LOWER MANNVILLE E
0981 310006 2009-02-01 LOWER MANNVILLE F
0981 310007 2013-02-01 LOWER MANNVILLE G

0981 642001 2004-07-01 PEKISKO A
0981 642002 2002-09-01 PEKISKO B
0981 642003 2008-10-01 PEKISKO C
0981 642004 2010-01-01 PEKISKO D
0981 642005 2014-03-01 PEKISKO E

POOL DESIGNATION (cont'd)

0981 856200 2011-10-01 MFP8562 EDMONTON
0981 856300 2013-12-01 MFP8563 LWR EDMONTON
0981 960500 2011-01-01 MFP9605 CBM LARD
0981 960600 2011-05-01 MFP9606 CBM CARB
0981 960700 2011-01-01 MFP9607 CBM UHSC
0981 960800 2011-01-01 MFP9608 CBM WAYN
0981 960900 2011-01-01 MFP9609 CBM RS
0981 961000 2011-01-01 MFP9610 CBM DBSL
0981 961300 2011-01-01 MFP9613 CBM RBSL
0981 961400 2011-01-01 MFP9614 CBM LETH

SPACING PATTERN

SU 2856 11 Mar 1998
SU 2856A 6 Apr 2005
SU 2856B 12 Jul 2005
SU 2856C 18 Nov 2005
SU 2856D 23 Jan 2006
SU 2856E 10 Feb 2006
SU 2856F 8 Mar 2006
SU 2856G 4 Apr 2006
SU 2856H 16 Nov 2006
SU 2856I 22 Jun 2007
SU 2856J 11 Sep 2007
SU 2856K 19 Oct 2007

COMMINGLED PRODUCTION

MU 7707 31 Jan 2011

ENHANCED RECOVERY SCHEMES

App 11606B 14 Jan 2015
Waterflood
Basal Belly River A
Summerland Energy Inc.

SUBSURFACE DISPOSAL SCHEMES

App 7546C 3 Jun 2010
Class II
Harvest Operations Corp.
App 11178C 2 Jan 2013
Class II
Summerland Energy Inc.

FIELD DESIGNATION

1276 2009-09-01 TODD FIELD

POOL DESIGNATION

1276 244001 2010-04-01 BLAIRMORE A

1276 244002 2010-04-01 BLAIRMORE B

1276 244003 2010-04-01 BLAIRMORE C

1276 244004 2010-04-01 BLAIRMORE D

1276 244005 2010-04-01 BLAIRMORE E

1276 348001 2010-07-01 CADOMIN A

FIELD DESIGNATION

0905 2007-11-01 TOFIELD FIELD

POOL DESIGNATION

0905 300002 2001-02-01 GLAUCONITIC B

0905 300005 2001-02-01 GLAUCONITIC E

0905 310001 2001-02-01 LOWER MANNVILLE A

0905 310002 2001-02-01 LOWER MANNVILLE B

0905 310003 2006-06-01 LOWER MANNVILLE C

0905 310004 2007-10-01 LOWER MANNVILLE D

0905 310005 2007-10-01 LOWER MANNVILLE E

0905 310006 2007-11-01 LOWER MANNVILLE F

0905 310007 2008-04-01 LOWER MANNVILLE G

0905 310008 2014-03-01 LOWER MANNVILLE H

FIELD DESIGNATION

0773 2001-02-01 TOMAHAWK FIELD

POOL DESIGNATION

0773 176001 2001-02-01 CARDIUM A
0773 176002 2001-02-01 CARDIUM B

0773 218001 2001-02-01 VIKING A

0773 250001 2012-04-01 UPPER MANNVILLE A

0773 300001 2001-02-01 GLAUCONITIC A

0773 316001 2010-04-01 OSTRACOD A
0773 316002 2001-02-01 OSTRACOD B
0773 316003 2001-02-01 OSTRACOD C
0773 316004 2010-04-01 OSTRACOD D
0773 316005 2010-04-01 OSTRACOD E
0773 316006 2001-02-01 OSTRACOD F
0773 316007 2001-02-01 OSTRACOD G
0773 316009 2001-02-01 OSTRACOD I
0773 316010 2001-02-01 OSTRACOD J
0773 316011 2001-02-01 OSTRACOD K
0773 316012 2001-02-01 OSTRACOD L
0773 316013 2001-02-01 OSTRACOD M
0773 316014 2001-02-01 OSTRACOD N
0773 316015 2001-03-01 OSTRACOD O
0773 316016 2003-07-01 OSTRACOD P
0773 316017 2009-02-01 OSTRACOD Q
0773 316018 2011-04-01 OSTRACOD R
0773 316019 2011-04-01 OSTRACOD S

0773 336001 2001-02-01 ELLERSLIE A
0773 336002 2001-02-01 ELLERSLIE B
0773 336003 2009-02-01 ELLERSLIE C

POOL DESIGNATION (cont'd)

0773 444001 2010-04-01 NORDEGG A
0773 444002 2012-11-01 NORDEGG B
0773 444003 2006-06-01 NORDEGG C
0773 444004 2003-07-01 NORDEGG D
0773 444005 2008-10-01 NORDEGG E
0773 444006 2008-11-01 NORDEGG F
0773 444007 2009-07-01 NORDEGG G
0773 444009 2013-07-01 NORDEGG I

0773 644001 2001-02-01 BANFF A
0773 644002 2001-02-01 BANFF B
0773 644003 2001-02-01 BANFF C
0773 644004 2001-02-01 BANFF D
0773 644005 2001-02-01 BANFF E
0773 644006 2005-11-01 BANFF F
0773 644007 2013-07-01 BANFF G

SPACING PATTERN

SU 2535 23 Jan 1996
SU 2535A 8 May 1997

COMMINGLED PRODUCTION

MU 1020 27 Sep 1993

ENHANCED RECOVERY SCHEMES

App 12651 25 Jul 2017
Sweet gas
Ostracod D and E
Adanac Oil & Gas Limited

SUBSURFACE DISPOSAL SCHEMES

App 8577 14 Dec 1999
Class II
Adanac Oil & Gas Limited

FIELD DESIGNATION

0907 2001-02-01 TOMATO FIELD

POOL DESIGNATION

0907 262001 2010-04-01 GRAND RAPIDS A
0907 262002 2002-06-01 GRAND RAPIDS B
0907 262004 2001-02-01 GRAND RAPIDS D
0907 262005 2001-02-01 GRAND RAPIDS E
0907 262006 2001-02-01 GRAND RAPIDS F
0907 262007 2003-05-01 GRAND RAPIDS G
0907 262008 2008-12-01 GRAND RAPIDS H
0907 262009 2006-03-01 GRAND RAPIDS I

0907 350001 2001-02-01 DETRITAL A
0907 350002 2010-04-01 DETRITAL B
0907 350003 2001-02-01 DETRITAL C

0907 658001 2010-04-01 WABAMUN A
0907 658002 2001-02-01 WABAMUN B

COMMINGLED PRODUCTION

MU 7062 16 Oct 2008

SUBSURFACE DISPOSAL SCHEMES

App 9451 8 May 2003
Class II
Canadian Natural Resources Limited

FIELD DESIGNATION

0947 2017-07-01 TONY CREEK NORTH FIELD

POOL DESIGNATION

0947 176001 2001-02-01 CARDIUM A

0947 192001 2009-09-01 DUNVEGAN A

0947 218001 2001-02-01 VIKING A

0947 218002 2001-02-01 VIKING B

0947 218003 2001-02-01 VIKING C

0947 264001 2001-02-01 SPIRIT RIVER A

0947 264002 2012-02-01 SPIRIT RIVER B

0947 264004 2012-05-01 SPIRIT RIVER D

0947 266001 2008-03-01 NOTIKEWIN A

0947 326001 2013-07-01 GETHING A

0947 326002 2001-02-01 GETHING B

0947 326003 2001-02-01 GETHING C

0947 326004 2001-02-01 GETHING D

0947 326005 2012-02-01 GETHING E

0947 326009 2002-03-01 GETHING I

0947 326011 2008-11-01 GETHING K

0947 326015 2007-10-01 GETHING O

0947 326018 2010-04-01 GETHING R

0947 326019 2008-12-01 GETHING S

0947 326020 2012-03-01 GETHING T

0947 326022 2011-11-01 GETHING V

0947 524001 2011-11-01 MONTNEY A

0947 728003 2014-02-01 DUVERNAY C

0947 728005 2015-01-01 DUVERNAY E

0947 728007 2015-03-01 DUVERNAY G

POOL DESIGNATION (cont'd)

0947 728008	2015-02-01	DUVERNAY H
0947 728009	2015-02-01	DUVERNAY I
0947 728010	2015-03-01	DUVERNAY J

FIELD DESIGNATION

1281 2003-02-01 TRACY FIELD

POOL DESIGNATION

1281 304001 2002-08-01 BLUESKY A

1281 304002 2010-04-01 BLUESKY B

1281 304003 2002-09-01 BLUESKY C

1281 304004 2002-09-01 BLUESKY D

1281 304005 2003-02-01 BLUESKY E

1281 326001 2002-09-01 GETHING A

1281 326002 2002-09-01 GETHING B

1281 326003 2003-04-01 GETHING C

FIELD DESIGNATION

0908 2014-06-01 TROCHU FIELD

POOL DESIGNATION

0908 118801 2010-12-01 LOWER EDMONTON A
0908 118802 2013-03-01 LOWER EDMONTON B
0908 118803 2013-04-01 LOWER EDMONTON C
0908 118804 2013-04-01 LOWER EDMONTON D
0908 118805 2013-04-01 LOWER EDMONTON E

0908 134007 2012-04-01 BASAL BELLY RIVER G

0908 248002 2001-02-01 MANNVILLE B
0908 248006 2001-02-01 MANNVILLE F
0908 248007 2001-02-01 MANNVILLE G
0908 248008 2001-02-01 MANNVILLE H
0908 248009 2010-04-01 MANNVILLE I
0908 248013 2001-02-01 MANNVILLE M
0908 248017 2001-02-01 MANNVILLE Q
0908 248018 2001-02-01 MANNVILLE R
0908 248019 2002-10-01 MANNVILLE S
0908 248021 2013-07-01 MANNVILLE U

0908 334004 2001-02-01 BASAL QUARTZ D

0908 850600 2014-06-01 MFP8506 BELLY RIVER

0908 853500 2014-06-01 MFP8535 BSL BELLY RIV

SPACING PATTERN

SU 2824	16 Jul 1997
SU 2824A	22 Dec 2003
SU 2824B	8 Jul 2004
SU 2824C	13 Dec 2004
SU 2824D	11 Apr 2005
SU 2824E	1 Sep 2005
SU 2824F	22 Sep 2005
SU 2824G	29 Nov 2005
SU 2824H	4 Jan 2006
SU 2824I	30 Jan 2006
SU 2824J	10 Apr 2006
SU 2824K	25 May 2006
SU 2824L	23 Nov 2006

COMMINGLED PRODUCTION

MU 8172	25 Oct 2011
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FIELD DESIGNATION

0763 2005-06-01 TROUT FIELD

POOL DESIGNATION

0763 305001 2004-10-01 BLUESKY-GETHING A

0763 306001 2002-06-01 WABISKAW A

0763 658001 2001-02-01 WABAMUN A

0763 658002 2010-04-01 WABAMUN B

0763 772101 2011-01-01 KEG RIVER A

0763 772103 2008-06-01 KEG RIVER C

0763 772104 2008-06-01 KEG RIVER D

0763 772107 2010-04-01 KEG RIVER G

0763 772108 2008-06-01 KEG RIVER H

0763 772110 2008-06-01 KEG RIVER J

0763 772111 2008-06-01 KEG RIVER K

0763 772114 2010-04-01 KEG RIVER N

0763 772115 2008-06-01 KEG RIVER O

0763 772116 2010-04-01 KEG RIVER P

0763 772118 2008-06-01 KEG RIVER R

0763 772119 2008-06-01 KEG RIVER S

0763 772120 2008-06-01 KEG RIVER T

0763 772121 2008-06-01 KEG RIVER U

0763 772122 2008-06-01 KEG RIVER V

0763 772123 2008-06-01 KEG RIVER W

0763 772124 2008-06-01 KEG RIVER X

0763 772126 2008-06-01 KEG RIVER Z

0763 772127 2008-06-01 KEG RIVER AA

0763 772130 2010-04-01 KEG RIVER DD

0763 772131 2008-06-01 KEG RIVER EE

0763 772132 2008-06-01 KEG RIVER FF

0763 772133 2008-06-01 KEG RIVER GG

0763 772135 2008-06-01 KEG RIVER II

0763 772136 2008-06-01 KEG RIVER JJ

POOL DESIGNATION (cont'd)

0763 772137 2008-06-01 KEG RIVER KK
0763 772138 2010-04-01 KEG RIVER LL
0763 772139 2008-06-01 KEG RIVER MM
0763 772140 2008-06-01 KEG RIVER NN

0763 773901 2010-04-01 KEG RIV-GRAN WASH A
0763 773902 2008-06-01 KEG RIV-GRAN WASH B

SPACING PATTERN

SU 2505 25 Jan 1996
SU 2505A 1 Mar 2000
SU 2505B 1 Mar 2002

ENHANCED RECOVERY SCHEMES

App 10929C 3 Feb 2015
Waterflood
Keg River A
Predator Oil Ltd.

SUBSURFACE DISPOSAL SCHEMES

App 7034A 26 Aug 2014
Class II
Canadian Roxy Petroleum Ltd.

App 7037D 30 Jun 2016
Class II
Summerland Energy Inc.

App 8554 13 Sep 1999
Class II
Ventus Energy Ltd.

App 10939B 22 Jan 2016
Class II
Predator Oil Ltd.

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TROUT CREEK AREA

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May 2018

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SPACING PATTERN

SU 2533 23 Jan 1996

FIELD DESIGNATION

0914 2001-02-01 TUCKER LAKE FIELD

POOL DESIGNATION

0914 256001 2001-02-01 COLONY A
0914 256002 2001-02-01 COLONY B
0914 256003 2001-02-01 COLONY C

0914 262001 2001-02-01 GRAND RAPIDS A
0914 262002 2001-02-01 GRAND RAPIDS B
0914 262003 2001-02-01 GRAND RAPIDS C
0914 262004 2001-02-01 GRAND RAPIDS D

SUBSURFACE DISPOSAL SCHEMES

App 8618B 19 June 2014
Class II
Renaissance Energy Ltd.

COMPULSORY POOLING

P 406 13 Jan 2010
Gas
23-033-25W4M
Pengrowth Corporation

FIELD DESIGNATION

0909 2011-03-01 TURNER VALLEY FIELD

POOL DESIGNATION

0909 176001 2016-09-01 CARDIUM A

0909 186001 2004-02-01 SECOND WHITE SPECKS A

0909 244002 2001-02-01 BLAIRMORE B
0909 244010 2005-03-01 BLAIRMORE J
0909 244012 2001-02-01 BLAIRMORE L
0909 244017 2001-02-01 BLAIRMORE Q
0909 244032 2010-08-01 BLAIRMORE FF
0909 244033 2005-03-01 BLAIRMORE GG
0909 244046 2002-11-01 BLAIRMORE TT
0909 244049 2009-05-01 BLAIRMORE WW
0909 244050 2005-12-01 BLAIRMORE XX
0909 244052 2009-01-01 BLAIRMORE ZZ
0909 244101 2009-01-01 BLAIRMORE AAA
0909 244102 2009-09-01 BLAIRMORE BBB

0909 342001 2013-07-01 DALHOUSIE A
0909 342002 2005-10-01 DALHOUSIE B
0909 342003 2009-01-01 DALHOUSIE C
0909 342004 2010-09-01 DALHOUSIE D
0909 342005 2010-09-01 DALHOUSIE E

0909 411001 2002-10-01 MORRISSEY A
0909 411002 2011-02-01 MORRISSEY B
0909 411003 2002-10-01 MORRISSEY C
0909 411004 2003-07-01 MORRISSEY D
0909 411005 2002-10-01 MORRISSEY E
0909 411006 2002-10-01 MORRISSEY F
0909 411007 2002-10-01 MORRISSEY G
0909 411008 2002-10-01 MORRISSEY H
0909 411009 2010-04-01 MORRISSEY I

POOL DESIGNATION (cont'd)

0909 411010 2004-01-01 MORRISSEY J
0909 411011 2005-10-01 MORRISSEY K
0909 411012 2009-01-01 MORRISSEY L
0909 411013 2010-09-01 MORRISSEY M
0909 411014 2010-09-01 MORRISSEY N
0909 411015 2010-10-01 MORRISSEY O

0909 610000 2012-12-01 RUNDLE
0909 610002 2001-02-01 RUNDLE B
0909 610003 2001-02-01 RUNDLE C
0909 610004 2001-02-01 RUNDLE D
0909 610005 2010-04-01 RUNDLE E
0909 610006 2002-09-01 RUNDLE F
0909 610007 2005-04-01 RUNDLE G
0909 610008 2002-10-01 RUNDLE H
0909 610009 2004-01-01 RUNDLE I
0909 610010 2011-03-01 RUNDLE J
0909 610011 2011-08-01 RUNDLE K
0909 610012 2011-10-01 RUNDLE L

SPACING PATTERN

SU 2532 13 Feb 1996
SU 2532A 22 Aug 2000

MISCELLANEOUS ORDERS

MISC 5711 8 Nov 1957
MISC 5711A 14 Jan 1958
Homestead No. 1

MISC 6103 2 Mar 1961
Wells in Turner Valley Unit No. 5
exempt from sec 10(l)(b) of
D & P Regs

MISC 7107 14 Jul 1971
control of flow East Crest #3

MISCELLANEOUS ORDERS (cont'd)

MISC 7208 28 Jul 1972
Section 6.100 - wells completed
without casing bowl

COMMINGLED PRODUCTION

MU 6680 16 Aug 2007

COMPULSORY POOLING

P 275 10 Jun 2005
Gas
32-018-02W5M
Talisman Energy Canada

COMPULSORY POOLING (cont'd)

P 276 10 Jun 2005
Oil
NE/4 32-018-02W5M
Talisman Energy Canada

P 313 22 Mar 2007
Oil & Gas
NW/4 28-18-2W5M
Talisman Energy Inc.

TURNER VALLEY ALLOWABLES

TV 1380 22 Aug 1967
TV 1380A 14 Aug 1970
Allowable schedule oil wells

TV 1393 1 Dec 1973

TURNER VALLEY UNITS

TVU 3 20 Nov 1992
TVU 3A 5 May 1994
TVU 3B 1 Mar 1995
TVU 3C 18 Apr 1996
TVU 3D 5 Mar 2002
TVU 3E 29 Dec 2003
TVU3F 25 Feb 2005
TVU 3G 12 Apr 2005
(Rewrite comes into force 1 Dec 1992)
TVU 3H 9 May 2005
TVU 3I 9 Jun 2005
TVU 3J 11 Jan 2007
TVU 3K 8 Jul 2010
TVU 3L 8 Dec 2010
TVU 3M 21 Aug 2015
TVU 3N 19 Apr 2016
TVU 3O 10 Mar 2016
TVU 3P 2 Nov 2016
TVU 3Q 17 Nov 2016
Turner Valley Unit No. 3
Crescent Point Energy Corp.

TVU 4 20 Nov 1992
TVU 4A 5 May 1994
TVU 4B 1 Mar 1995
TVU 4C 18 Apr 1996
TVU 4D 6 Nov 2001
TVU 4E 5 Mar 2002
TVU 4F 23 Oct 2002
TVU 4G 2 Dec 2002
TVU 4H 29 Dec 2003
(Rewrite comes into force 1 Dec 1992)
TVU 4I 25 Feb 2005
TVU 4J 8 Jul 2010
TVU 4K 8 Dec 2010
TVU 4L 19 Apr 2016
Turner Valley Unit No. 4
Crescent Point Energy Corp.

TURNER VALLEY UNITS (cont'd)

TVU 5 20 Nov 1992
 TVU 5A 5 May 1994
 TVU 5B 1 Mar 1995
 TVU 5C 18 Apr 1996
 TVU 5D 5 Mar 2002
 TVU 5E 13 Dec 2002
 TVU 5F 9 Oct 2003
 TVU 5G 29 Dec 2003
 TVU 5H 8 Mar 2004
 TVU 5I 7 Dec 2004
 TVU 5J 28 Mar 2005
 TVU 5K 16 Nov 2005
 (Rewrite comes into force 1 Oct 1990)
 TVU 5L 9 Jun 2006
 TVU 5M 8 Jan 2008
 TVU 5N 8 Jul 2010
 TVU 5O 8 Dec 2010
 TVU 5P 12 Jan 2011
 TVU 5Q 19 Nov 2013
 TVU 5R 14 Oct 2014
 TVU 5S 10 Dec 2014
 TVU 5T 20 May 2015
 TVU 5U 16 Jul 2015
 TVU 5V 21 Aug 2015
 TVU 5W 21 Mar 2016
 TVU 5X 10 May 2016
 TVU 5Y 6 Jul 2016
 TVU Unit No. 5
 Crescent Point Energy Corp.

TVU 6 20 Nov 1992
 TVU 6A 5 May 1994
 TVU 6B 1 Mar 1995
 TVU 6C 23 Jun 1999
 TVU 6D 29 Jul 1999
 (Rewrite comes into force 1 Dec 1992)
 TVU Unit No. 6
 Anderson Exploration Ltd.

TURNER VALLEY UNITS (cont'd)

TVU 7 20 Nov 1992
 TVU 7A 5 May 1994
 TVU 7B 1 Mar 1995
 TVU 7C 18 Apr 1996
 TVU 7D 5 Mar 2002
 TVU 7E 29 Dec 2003
 TVU 7F 9 Jun 2006
 TVU 7G 4 Jun 2007
 TVU 7H 5 Feb 2008
 TVU 7I 27 Aug 2008
 (Rewrite comes into force 1 Dec 1992)
 TVU Unit No. 7
 Talisman Energy Inc.

FIELD DESIGNATION

0912 2010-05-01 TWEEDIE FIELD

POOL DESIGNATION

0912 218002 2001-03-01 VIKING B
0912 218004 2001-02-01 VIKING D
0912 218005 2001-02-01 VIKING E
0912 218006 2010-04-01 VIKING F
0912 218007 2001-02-01 VIKING G
0912 218008 2010-04-01 VIKING H
0912 218010 2002-01-01 VIKING J
0912 218011 2010-05-01 VIKING K
0912 218012 2007-03-01 VIKING L
0912 218013 2003-08-01 VIKING M
0912 218014 2010-04-01 VIKING N
0912 218015 2005-12-01 VIKING O
0912 218016 2008-02-01 VIKING P
0912 218017 2010-05-01 VIKING Q
0912 218018 2012-06-01 VIKING R

0912 262002 2001-02-01 GRAND RAPIDS B
0912 262003 2001-02-01 GRAND RAPIDS C
0912 262004 2010-04-01 GRAND RAPIDS D
0912 262006 2001-02-01 GRAND RAPIDS F
0912 262007 2001-02-01 GRAND RAPIDS G
0912 262008 2009-11-01 GRAND RAPIDS H
0912 262009 2001-02-01 GRAND RAPIDS I
0912 262010 2001-02-01 GRAND RAPIDS J
0912 262012 2001-02-01 GRAND RAPIDS L
0912 262013 2001-02-01 GRAND RAPIDS M
0912 262014 2001-02-01 GRAND RAPIDS N
0912 262016 2001-02-01 GRAND RAPIDS P
0912 262017 2001-02-01 GRAND RAPIDS Q
0912 262018 2001-02-01 GRAND RAPIDS R
0912 262019 2010-04-01 GRAND RAPIDS S
0912 262020 2001-02-01 GRAND RAPIDS T

POOL DESIGNATION (cont'd)

0912 262022 2001-02-01	GRAND RAPIDS V
0912 262023 2001-02-01	GRAND RAPIDS W
0912 262024 2010-04-01	GRAND RAPIDS X
0912 262025 2001-02-01	GRAND RAPIDS Y
0912 262026 2001-02-01	GRAND RAPIDS Z
0912 262030 2001-02-01	GRAND RAPIDS DD
0912 262032 2001-02-01	GRAND RAPIDS FF
0912 262033 2009-11-01	GRAND RAPIDS GG
0912 262034 2001-02-01	GRAND RAPIDS HH
0912 262035 2001-02-01	GRAND RAPIDS II
0912 262036 2001-02-01	GRAND RAPIDS JJ
0912 262037 2001-02-01	GRAND RAPIDS KK
0912 262039 2010-04-01	GRAND RAPIDS MM
0912 262041 2010-04-01	GRAND RAPIDS OO
0912 262042 2001-02-01	GRAND RAPIDS PP
0912 262043 2001-02-01	GRAND RAPIDS QQ
0912 262044 2001-02-01	GRAND RAPIDS RR
0912 262045 2003-10-01	GRAND RAPIDS SS
0912 262046 2010-04-01	GRAND RAPIDS TT
0912 262047 2005-03-01	GRAND RAPIDS UU
0912 262048 2009-07-01	GRAND RAPIDS VV
0912 262049 2001-10-01	GRAND RAPIDS WW
0912 262050 2001-02-01	GRAND RAPIDS XX
0912 262051 2010-04-01	GRAND RAPIDS YY
0912 262052 2009-12-01	GRAND RAPIDS ZZ
0912 262501 2001-02-01	GRAND RAPIDS AAA
0912 262502 2001-02-01	GRAND RAPIDS BBB
0912 262503 2001-02-01	GRAND RAPIDS CCC
0912 262504 2001-02-01	GRAND RAPIDS DDD
0912 262505 2001-02-01	GRAND RAPIDS EEE
0912 262506 2001-02-01	GRAND RAPIDS FFF
0912 262507 2001-02-01	GRAND RAPIDS GGG
0912 262508 2001-03-01	GRAND RAPIDS HHH
0912 262509 2001-03-01	GRAND RAPIDS III
0912 262510 2001-03-01	GRAND RAPIDS JJJ
0912 262511 2001-03-01	GRAND RAPIDS KKK
0912 262512 2001-06-01	GRAND RAPIDS LLL
0912 262513 2001-07-01	GRAND RAPIDS MMM

POOL DESIGNATION (cont'd)

0912 262514	2001-10-01	GRAND RAPIDS NNN
0912 262515	2002-02-01	GRAND RAPIDS OOO
0912 262516	2002-04-01	GRAND RAPIDS PPP
0912 262517	2002-05-01	GRAND RAPIDS QQQ
0912 262518	2010-04-01	GRAND RAPIDS RRR
0912 262519	2009-07-01	GRAND RAPIDS SSS
0912 262520	2004-02-01	GRAND RAPIDS TTT
0912 262521	2005-07-01	GRAND RAPIDS UUU
0912 262522	2007-12-01	GRAND RAPIDS VVV
0912 262523	2008-03-01	GRAND RAPIDS WWW
0912 262524	2010-04-01	GRAND RAPIDS XXX
0912 262525	2008-03-01	GRAND RAPIDS YYY
0912 262526	2010-04-01	GRAND RAPIDS ZZZ
0912 262527	2009-08-01	GRAND RAPIDS A2A
0912 262528	2010-04-01	GRAND RAPIDS B2B
0912 262529	2010-04-01	GRAND RAPIDS C2C
0912 262530	2014-04-01	GRAND RAPIDS D2D
0912 280001	2003-12-01	CLEARWATER A
0912 328001	2001-02-01	MCMURRAY A
0912 328002	2006-06-01	MCMURRAY B
0912 328008	2010-04-01	MCMURRAY H
0912 328012	2010-04-01	MCMURRAY L
0912 328015	2001-02-01	MCMURRAY O
0912 328016	2001-02-01	MCMURRAY P
0912 328017	2001-02-01	MCMURRAY Q
0912 328020	2001-02-01	MCMURRAY T
0912 328021	2001-02-01	MCMURRAY U
0912 328022	2010-05-01	MCMURRAY V
0912 328024	2010-05-01	MCMURRAY X
0912 328025	2001-02-01	MCMURRAY Y
0912 328026	2001-02-01	MCMURRAY Z
0912 328028	2010-04-01	MCMURRAY BB
0912 328029	2007-06-01	MCMURRAY CC
0912 328030	2002-11-01	MCMURRAY DD
0912 328034	2010-04-01	MCMURRAY HH
0912 328035	2001-02-01	MCMURRAY II

POOL DESIGNATION (cont'd)

0912 328036 2001-02-01	MCMURRAY JJ
0912 328037 2006-09-01	MCMURRAY KK
0912 328038 2001-02-01	MCMURRAY LL
0912 328039 2001-02-01	MCMURRAY MM
0912 328041 2001-02-01	MCMURRAY OO
0912 328042 2001-07-01	MCMURRAY PP
0912 328043 2001-07-01	MCMURRAY QQ
0912 328044 2001-07-01	MCMURRAY RR
0912 328045 2001-07-01	MCMURRAY SS
0912 328046 2001-08-01	MCMURRAY TT
0912 328047 2010-04-01	MCMURRAY UU
0912 328048 2005-05-01	MCMURRAY VV
0912 328049 2001-08-01	MCMURRAY WW
0912 328050 2002-02-01	MCMURRAY XX
0912 328051 2001-10-01	MCMURRAY YY
0912 328052 2001-11-01	MCMURRAY ZZ
0912 328601 2001-11-01	MCMURRAY AAA
0912 328602 2002-04-01	MCMURRAY BBB
0912 328603 2002-01-01	MCMURRAY CCC
0912 328606 2002-02-01	MCMURRAY FFF
0912 328607 2002-03-01	MCMURRAY GGG
0912 328608 2002-03-01	MCMURRAY HHH
0912 328609 2002-05-01	MCMURRAY III
0912 328610 2002-11-01	MCMURRAY JJJ
0912 328611 2002-11-01	MCMURRAY KKK
0912 328612 2003-03-01	MCMURRAY LLL
0912 328613 2003-03-01	MCMURRAY MMM
0912 328614 2003-04-01	MCMURRAY NNN
0912 328615 2010-05-01	MCMURRAY OOO
0912 328616 2003-08-01	MCMURRAY PPP
0912 328618 2005-12-01	MCMURRAY RRR
0912 328619 2010-04-01	MCMURRAY SSS
0912 328620 2006-05-01	MCMURRAY TTT
0912 328621 2010-04-01	MCMURRAY UUU
0912 328622 2006-05-01	MCMURRAY VVV
0912 328623 2006-08-01	MCMURRAY WWW
0912 328624 2006-12-01	MCMURRAY XXX

POOL DESIGNATION (cont'd)

0912 716001 2010-04-01 GROSMONT A
0912 716002 2001-02-01 GROSMONT B

SPACING PATTERN

SU 2468 9 Jan 1996
SU 2468A 19 Jan 1998
SU 2468B 27 May 1998
SU 2468C 8 Dec 1998
SU 2468D 15 Jun 2000
SU 2468E 2 Feb 2001
SU 2468F 5 Jun 2001
SU 2468G 7 Apr 2006

COMMINGLED PRODUCTION

MU 7217 21 Aug 2009

SUBSURFACE DISPOSAL SCHEMES

App 8708B 23 Jul 2013
Class II
Harvest Operations Corp.

App 9807 22 Mar 2004
Class II
Canadian Natural Resources Limited

FIELD DESIGNATION

0913 2011-12-01 TWINING FIELD

POOL DESIGNATION

0913 118803 2011-02-01 LOWER EDMONTON C
0913 118807 2009-06-01 LOWER EDMONTON G
0913 118808 2010-04-01 LOWER EDMONTON H
0913 118812 2010-04-01 LOWER EDMONTON L
0913 118813 2009-02-01 LOWER EDMONTON M
0913 118816 2010-06-01 LOWER EDMONTON P
0913 118817 2009-11-01 LOWER EDMONTON Q
0913 118818 2010-04-01 LOWER EDMONTON R
0913 118819 2010-04-01 LOWER EDMONTON S
0913 118820 2011-02-01 LOWER EDMONTON T
0913 118821 2011-05-01 LOWER EDMONTON U
0913 118822 2017-05-01 LOWER EDMONTON V
0913 118823 2011-09-01 LOWER EDMONTON W
0913 118824 2011-12-01 LOWER EDMONTON X
0913 118825 2011-12-01 LOWER EDMONTON Y
0913 118826 2012-04-01 LOWER EDMONTON Z
0913 118827 2013-04-01 LOWER EDMONTON AA
0913 118828 2013-04-01 LOWER EDMONTON BB
0913 118829 2013-04-01 LOWER EDMONTON CC
0913 118830 2013-04-01 LOWER EDMONTON DD
0913 118831 2013-04-01 LOWER EDMONTON EE
0913 118832 2013-04-01 LOWER EDMONTON FF
0913 118833 2013-04-01 LOWER EDMONTON GG
0913 118834 2017-03-01 LOWER EDMONTON HH

0913 134001 2005-07-01 BASAL BELLY RIVER A
0913 134017 2018-05-01 BASAL BELLY RIVER Q
0913 134024 2009-11-01 BASAL BELLY RIVER X

0913 218001 2012-05-01 VIKING A
0913 218002 2001-02-01 VIKING B
0913 218004 2010-04-01 VIKING D

POOL DESIGNATION (cont'd)

0913 218005	2001-02-01	VIKING E
0913 218006	2001-02-01	VIKING F
0913 218007	2001-02-01	VIKING G
0913 218009	2012-12-01	VIKING I
0913 218010	2001-02-01	VIKING J
0913 218011	2001-02-01	VIKING K
0913 218012	2001-02-01	VIKING L
0913 218014	2001-02-01	VIKING N
0913 218015	2001-02-01	VIKING O
0913 218016	2001-02-01	VIKING P
0913 218018	2010-04-01	VIKING R
0913 218019	2003-09-01	VIKING S
0913 218020	2001-02-01	VIKING T
0913 218021	2001-02-01	VIKING U
0913 218022	2012-01-01	VIKING V
0913 218023	2001-02-01	VIKING W
0913 218024	2012-01-01	VIKING X
0913 218025	2001-02-01	VIKING Y
0913 218027	2001-02-01	VIKING AA
0913 218029	2001-03-01	VIKING CC
0913 218030	2001-12-01	VIKING DD
0913 218032	2002-10-01	VIKING FF
0913 218033	2002-12-01	VIKING GG
0913 218038	2010-04-01	VIKING LL
0913 218039	2010-04-01	VIKING MM
0913 218040	2010-04-01	VIKING NN
0913 218041	2006-09-01	VIKING OO
0913 218042	2006-09-01	VIKING PP
0913 218043	2006-09-01	VIKING QQ
0913 218044	2006-11-01	VIKING RR
0913 218045	2006-11-01	VIKING SS
0913 218046	2006-12-01	VIKING TT
0913 218047	2007-12-01	VIKING UU
0913 218048	2008-12-01	VIKING VV
0913 218049	2010-02-01	VIKING WW
0913 250001	2001-02-01	UPPER MANNVILLE A
0913 250002	2001-02-01	UPPER MANNVILLE B

POOL DESIGNATION (cont'd)

0913 250003	2001-02-01	UPPER MANNVILLE C
0913 250005	2001-02-01	UPPER MANNVILLE E
0913 250006	2001-02-01	UPPER MANNVILLE F
0913 250008	2001-02-01	UPPER MANNVILLE H
0913 250009	2001-02-01	UPPER MANNVILLE I
0913 250010	2001-02-01	UPPER MANNVILLE J
0913 250012	2001-02-01	UPPER MANNVILLE L
0913 250013	2001-02-01	UPPER MANNVILLE M
0913 250014	2001-02-01	UPPER MANNVILLE N
0913 250015	2011-08-01	UPPER MANNVILLE O
0913 250016	2005-03-01	UPPER MANNVILLE P
0913 250017	2007-10-01	UPPER MANNVILLE Q
0913 300001	2001-02-01	GLAUCONITIC A
0913 300002	2001-02-01	GLAUCONITIC B
0913 300003	2012-01-01	GLAUCONITIC C
0913 300004	2001-03-01	GLAUCONITIC D
0913 300005	2010-04-01	GLAUCONITIC E
0913 300006	2002-04-01	GLAUCONITIC F
0913 300007	2004-09-01	GLAUCONITIC G
0913 300008	2009-03-01	GLAUCONITIC H
0913 300009	2010-04-01	GLAUCONITIC I
0913 300010	2007-12-01	GLAUCONITIC J
0913 300011	2010-04-01	GLAUCONITIC K
0913 300012	2010-02-01	GLAUCONITIC L
0913 300013	2010-04-01	GLAUCONITIC M
0913 300014	2014-02-01	GLAUCONITIC N
0913 300015	2013-09-01	GLAUCONITIC O
0913 310001	2001-02-01	LOWER MANNVILLE A
0913 310002	2010-04-01	LOWER MANNVILLE B
0913 310003	2007-09-01	LOWER MANNVILLE C
0913 310004	2001-02-01	LOWER MANNVILLE D
0913 310005	2001-02-01	LOWER MANNVILLE E
0913 310006	2001-02-01	LOWER MANNVILLE F
0913 310007	2001-02-01	LOWER MANNVILLE G
0913 310008	2001-02-01	LOWER MANNVILLE H
0913 310010	2010-04-01	LOWER MANNVILLE J

POOL DESIGNATION (cont'd)

0913 310012 2001-02-01	LOWER MANNVILLE L
0913 310013 2001-02-01	LOWER MANNVILLE M
0913 310014 2001-02-01	LOWER MANNVILLE N
0913 310015 2001-02-01	LOWER MANNVILLE O
0913 310016 2001-02-01	LOWER MANNVILLE P
0913 310017 2001-02-01	LOWER MANNVILLE Q
0913 310018 2014-04-01	LOWER MANNVILLE R
0913 310019 2001-02-01	LOWER MANNVILLE S
0913 310022 2001-02-01	LOWER MANNVILLE V
0913 310025 2001-02-01	LOWER MANNVILLE Y
0913 310026 2003-04-01	LOWER MANNVILLE Z
0913 310027 2001-02-01	LOWER MANNVILLE AA
0913 310030 2007-03-01	LOWER MANNVILLE DD
0913 310031 2001-02-01	LOWER MANNVILLE EE
0913 310032 2003-01-01	LOWER MANNVILLE FF
0913 310033 2010-04-01	LOWER MANNVILLE GG
0913 310034 2006-07-01	LOWER MANNVILLE HH
0913 310035 2006-07-01	LOWER MANNVILLE II
0913 310036 2006-11-01	LOWER MANNVILLE JJ
0913 310037 2006-11-01	LOWER MANNVILLE KK
0913 310038 2006-11-01	LOWER MANNVILLE LL
0913 310039 2008-03-01	LOWER MANNVILLE MM
0913 310040 2007-12-01	LOWER MANNVILLE NN
0913 310041 2008-01-01	LOWER MANNVILLE OO
0913 310042 2008-02-01	LOWER MANNVILLE PP
0913 310043 2009-04-01	LOWER MANNVILLE QQ
0913 310044 2011-06-01	LOWER MANNVILLE RR
0913 310045 2011-08-01	LOWER MANNVILLE SS
0913 310046 2012-02-01	LOWER MANNVILLE TT
0913 310047 2012-11-01	LOWER MANNVILLE UU
0913 310048 2012-11-01	LOWER MANNVILLE VV
0913 310049 2013-06-01	LOWER MANNVILLE WW
0913 310050 2013-11-01	LOWER MANNVILLE XX
0913 320001 2015-02-01	BASAL MANNVILLE A
0913 610001 2012-01-01	RUNDLE A
0913 610004 2001-02-01	RUNDLE D

POOL DESIGNATION (cont'd)

0913 610006 2001-02-01	RUNDLE F
0913 610007 2001-02-01	RUNDLE G
0913 610008 2001-02-01	RUNDLE H
0913 610009 2001-02-01	RUNDLE I
0913 610010 2001-02-01	RUNDLE J
0913 610011 2001-02-01	RUNDLE K
0913 610013 2010-04-01	RUNDLE M
0913 610014 2001-02-01	RUNDLE N
0913 610016 2001-02-01	RUNDLE P
0913 610017 2002-12-01	RUNDLE Q
0913 610018 2003-07-01	RUNDLE R
0913 610019 2004-04-01	RUNDLE S
0913 610020 2005-04-01	RUNDLE T
0913 642001 2009-02-01	PEKISKO A
0913 642002 2008-03-01	PEKISKO B
0913 642003 2008-05-01	PEKISKO C
0913 642004 2009-02-01	PEKISKO D
0913 642005 2013-07-01	PEKISKO E
0913 644001 2008-10-01	BANFF A
0913 644002 2013-07-01	BANFF B
0913 658001 2006-09-01	WABAMUN A
0913 658002 2008-06-01	WABAMUN B
0913 658003 2017-08-01	WABAMUN C
0913 658004 2018-04-01	WABAMUN D
0913 658005 2018-05-01	WABAMUN E
0913 696001 2009-08-01	NISKU A
0913 696002 2010-11-01	NISKU B
0913 696003 2010-11-01	NISKU C
0913 696004 2012-10-01	NISKU D
0913 696005 2011-02-01	NISKU E
0913 696006 2011-12-01	NISKU F
0913 696007 2013-05-01	NISKU G
0913 696008 2014-02-01	NISKU H

POOL DESIGNATION (cont'd)

0913 728001 2017-09-01	DUVERNAY A
0913 728002 2018-01-01	DUVERNAY B
0913 728003 2018-04-01	DUVERNAY C
0913 728004 2018-02-01	DUVERNAY D
0913 728005 2018-02-01	DUVERNAY E
0913 728006 2018-02-01	DUVERNAY F
0913 728007 2018-02-01	DUVERNAY G
0913 728008 2018-02-01	DUVERNAY H
0913 850600 2012-11-01	MFP8506 BELLY RIVER
0913 855900 2009-08-01	MFP8559 LWR EDMONTON
0913 856000 2011-02-01	MFP8560 BSL BELLY RIV
0913 859000 2011-01-01	MFP8590 BSL BELLY RIV
0913 960500 2012-11-01	MFP9605 CBM LARD
0913 960600 2012-11-01	MFP9606 CBM CARB
0913 960700 2012-11-01	MFP9607 CBM UHSC
0913 960800 2012-06-01	MFP9608 CBM WAYN
0913 960900 2012-06-01	MFP9609 CBM RS
0913 961000 2012-11-01	MFP9610 CBM DBSL
0913 961100 2017-12-01	MFP9611 CBM WNRS
0913 961300 2010-05-01	MFP9613 CBM RBSL
0913 961400 2013-05-01	MFP9614 CBM LETH
0913 961500 2012-06-01	MFP9615 CBM TABR
0913 961600 2012-11-01	MFP9616 CBM MCKY

SPACING PATTERN

SU 4252 11 Jan 2005
 SU 4252A 20 Jan 2005
 SU 4252B 1 Feb 2005
 SU 4252C 9 Apr 2005
 SU 4252D 28 Apr 2005
 SU 4252E 27 May 2005
 SU 4252F 11 Aug 2005
 SU 4252G 6 Sep 2005
 SU 4252H 17 Oct 2005
 SU 4252I 23 Nov 2005
 SU 4252J 13 Dec 2005
 SU 4252K 19 Jan 2006
 SU 4252L 16 Mar 2006
 SU 4252M 6 Jun 2006

COMMINGLED PRODUCTION

MU 8165 26 Oct 2011

ENHANCED RECOVERY SCHEMES

App 10469J 6 Aug 2015
 Waterflood
 Lower Mannville B
 Canadian Oil & Gas International Inc.

App 12669 16 Oct 2017
 Waterflood
 Rundle A
 Artis Exploration Ltd.

CONCURRENT PRODUCTION

MISC 94013 18 May 1994
 Concurrent production
 Twining L Mann A &
 Rundle A

SUBSURFACE DISPOSAL SCHEMES

App 7414C 17 Aug 2015
 Class II
 Canadian Natural Resources Limited

App 8833D 3 Oct 2016
 Class II
 Eagle Energy Inc.

App 11780B 19 Mar 2015
 Class II
 Caltex Resources Ltd.

COMPULSORY POOLING

P 215 29 Jan 2002
 Gas
 07-032-24W4M
 Bumper Development Corporation Ltd.

P47A 12 Jun 2015
 Oil
 SE/4 35-031-24W4M
 Ember Resources Inc.

P 86 31 Dec 1986
 Gas
 17-033-23W4M
 Canadian Pioneer Oils Ltd.

P 318 28 Mar 2007
 Gas
 31-032-23W4M
 EnCana Corporation

COMPULSORY POOLING (cont'd)

P 445 7 Oct 2013
Gas
34-031-24W4M
Bumper Development Corporation Ltd.

FIELD DESIGNATION

0915 2015-02-01 TWO CREEK FIELD

POOL DESIGNATION

0915 218001 2010-04-01 VIKING A
0915 218002 2001-03-01 VIKING B
0915 218003 2007-05-01 VIKING C

0915 250001 2010-04-01 UPPER MANNVILLE A
0915 250002 2004-07-01 UPPER MANNVILLE B

0915 266001 2010-04-01 NOTIKEWIN A
0915 266002 2003-08-01 NOTIKEWIN B
0915 266003 2002-02-01 NOTIKEWIN C

0915 326001 2001-02-01 GETHING A
0915 326002 2001-02-01 GETHING B
0915 326003 2001-02-01 GETHING C
0915 326004 2001-03-01 GETHING D
0915 326005 2001-11-01 GETHING E
0915 326006 2007-07-01 GETHING F
0915 326007 2009-01-01 GETHING G
0915 326008 2011-12-01 GETHING H
0915 326009 2013-07-01 GETHING I
0915 326010 2013-09-01 GETHING J

0915 446001 2002-01-01 JURASSIC A
0915 446002 2001-04-01 JURASSIC B
0915 446003 2008-01-01 JURASSIC C

0915 728002 2014-03-01 DUVERNAY B
0915 728003 2015-05-01 DUVERNAY C
0915 728004 2017-04-01 DUVERNAY D
0915 728005 2015-03-01 DUVERNAY E

SPACING PATTERN

SU 2946 18 Nov 1999
SU 2946A 26 Oct 2000
SU 2946B 22 Feb 2002
SU 2946C 20 Nov 2006

**COMMON
CARRIER/PURCHASER/PROCESSOR**

MISC 95097 23 Jan 1996
Common Carrier
Viking A
Paramount Resources Ltd.
MISC 95097A 8 Sep 2006
Common Carrier
Viking A
Trilogy Energy Ltd.

ENHANCED RECOVERY SCHEMES

App 9633G 21 May 2015
Waterflood
Jurassic A
Anterra Energy Inc.

App 12413 30 Jun 2015
Gas
Jurassic B
Anterra Energy Inc.