

**FIELD DESIGNATION**

0309 2011-04-01 DALEHURST FIELD

**POOL DESIGNATION**

0309 176001 2011-09-01 CARDIUM A  
0309 176003 2010-04-01 CARDIUM C  
0309 176004 2010-04-01 CARDIUM D  
0309 176005 2011-02-01 CARDIUM E  
0309 176006 2011-12-01 CARDIUM F

0309 192001 2011-12-01 DUNVEGAN A

0309 250001 2016-01-01 UPPER MANNVILLE A  
0309 250003 2012-02-01 UPPER MANNVILLE C

0309 264001 2012-03-01 SPIRIT RIVER A

0309 326001 2011-02-01 GETHING A  
0309 326003 2014-09-01 GETHING C  
0309 326005 2010-04-01 GETHING E  
0309 326006 2010-12-01 GETHING F  
0309 326007 2011-02-01 GETHING G  
0309 326008 2011-12-01 GETHING H

0309 348001 2010-04-01 CADOMIN A  
0309 348002 2014-09-01 CADOMIN B  
0309 348003 2010-12-01 CADOMIN C  
0309 348004 2010-04-01 CADOMIN D  
0309 348005 2011-02-01 CADOMIN E  
0309 348006 2011-11-01 CADOMIN F

**SPACING PATTERN**

SU 2632 7 May 1996

**SUBSURFACE DISPOSAL SCHEMES**

App 12336 21 Jan 2015  
Class II & Ib  
Secure Energy Services Inc.



**FIELD DESIGNATION**

0295 2003-05-01                      DAPP FIELD

**POOL DESIGNATION**

0295 218001 2010-04-01            VIKING A

0295 218002 2004-07-01            VIKING B

0295 250001 2001-02-01            UPPER MANNVILLE A

0295 250002 2001-02-01            UPPER MANNVILLE B

0295 336001 2010-04-01            ELLERSLIE A

0295 336002 2001-02-01            ELLERSLIE B

0295 336003 2001-09-01            ELLERSLIE C

0295 336004 2009-01-01            ELLERSLIE D

0295 336005 2005-10-01            ELLERSLIE E

**SPACING PATTERN**

SU 2631            28 Mar 1996

**COMMINGLED PRODUCTION**

MU 1153            4 Jan 1995

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**DARWIN FIELD**

**0276**

**October 2017**

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**FIELD DESIGNATION**

0276 2010-08-01                      DARWIN FIELD

**POOL DESIGNATION**

0276 304001 2010-04-01      BLUESKY A

0276 304002 2009-01-01      BLUESKY B

0276 304003 2010-04-01      BLUESKY C

0276 304004 2011-02-01      BLUESKY D

**SUBSURFACE DISPOSAL SCHEMES**

App 8347      28 May 1998

Class II

Baytex Energy Ltd.

**FIELD DESIGNATION**

0272 2012-09-01                      DAVEY FIELD

**POOL DESIGNATION**

0272 106003 2006-05-01            EDMONTON C  
0272 106004 2010-07-01            EDMONTON D  
0272 106005 2013-04-01            EDMONTON E  
0272 106006 2013-04-01            EDMONTON F

0272 118801 2010-04-01            LOWER EDMONTON A  
0272 118802 2010-09-01            LOWER EDMONTON B  
0272 118803 2007-02-01            LOWER EDMONTON C  
0272 118805 2010-04-01            LOWER EDMONTON E  
0272 118806 2007-07-01            LOWER EDMONTON F  
0272 118808 2009-04-01            LOWER EDMONTON H  
0272 118809 2009-11-01            LOWER EDMONTON I  
0272 118810 2010-07-01            LOWER EDMONTON J  
0272 118811 2011-12-01            LOWER EDMONTON K  
0272 118812 2017-05-01            LOWER EDMONTON L  
0272 118813 2013-04-01            LOWER EDMONTON M  
0272 118814 2013-04-01            LOWER EDMONTON N  
0272 118815 2013-04-01            LOWER EDMONTON O  
0272 118816 2013-04-01            LOWER EDMONTON P  
0272 118817 2013-04-01            LOWER EDMONTON Q  
0272 118818 2013-04-01            LOWER EDMONTON R  
0272 118819 2013-04-01            LOWER EDMONTON S  
0272 118820 2013-04-01            LOWER EDMONTON T  
0272 118821 2013-04-01            LOWER EDMONTON U  
0272 118822 2013-11-01            LOWER EDMONTON V

0272 126016 2007-02-01            BELLY RIVER P

0272 134002 2009-01-01            BASAL BELLY RIVER B  
0272 134003 2010-04-01            BASAL BELLY RIVER C  
0272 134004 2012-01-01            BASAL BELLY RIVER D  
0272 134016 2013-05-01            BASAL BELLY RIVER P

**POOL DESIGNATION (cont'd)**

0272 218001 2008-05-01	VIKING A
0272 218002 2005-07-01	VIKING B
0272 218003 2001-10-01	VIKING C
0272 218004 2005-06-01	VIKING D
0272 218005 2007-05-01	VIKING E
0272 218006 2002-11-01	VIKING F
0272 218007 2007-03-01	VIKING G
0272 218008 2010-04-01	VIKING H
0272 218009 2011-04-01	VIKING I
0272 336001 2001-02-01	ELLERSLIE A
0272 336002 2001-02-01	ELLERSLIE B
0272 336003 2001-02-01	ELLERSLIE C
0272 336004 2012-06-01	ELLERSLIE D
0272 336005 2014-09-01	ELLERSLIE E
0272 336006 2015-04-01	ELLERSLIE F
0272 642001 2010-04-01	PEKISKO A
0272 642002 2001-02-01	PEKISKO B
0272 642003 2001-02-01	PEKISKO C
0272 642004 2001-02-01	PEKISKO D
0272 642005 2005-08-01	PEKISKO E
0272 642006 2011-02-01	PEKISKO F
0272 696001 2001-03-01	D-2 A
0272 696002 2010-04-01	D-2 B
0272 850600 2015-05-01	MFP8506 BELLY RIVER
0272 856000 2012-09-01	MFP8560 BSL BELLY RIV
0272 960500 2011-08-01	MFP9605 CBM LARD
0272 960600 2012-09-01	MFP9606 CBM CARB
0272 960700 2011-08-01	MFP9607 CBM UHSC
0272 960800 2011-08-01	MFP9608 CBM WAYN

**POOL DESIGNATION (cont'd)**

0272 961300 2011-08-01 MFP9613 CBM RBSL  
0272 961400 2013-06-01 MFP9614 CBM LETH  
0272 961500 2011-08-01 MFP9615 CBM TABR  
0272 961600 2011-08-01 MFP9616 CBM MCKY

**SPACING PATTERN**

SU 2671 1 May 1996  
SU 2671A 11 Jun 1997  
SU 2671B 12 Apr 2005  
SU 2671C 11 Jun 22005  
SU 2671D 7 Sep 2005  
SU 2671E 5 Apr 2006  
SU 2671F 12 Jun 2006

**COMMINGLED PRODUCTION**

MU 8106 13 Oct 2011

**ENHANCED RECOVERY SCHEMES**

App 7852J 10 Mar 2015  
Waterflood  
Basal Belly River B  
Nytis Exploration Company Inc.

**FIELD DESIGNATION**

1047 2001-04-01                      DAWN FIELD

**POOL DESIGNATION**

1047 612001 2001-04-01              DEBOLT A



**FIELD DESIGNATION**

0297 2012-10-01                      DAWSON FIELD

**POOL DESIGNATION**

0297 192001 2008-02-01              DUNVEGAN A

0297 230001 2005-11-01              PADDY A

0297 230002 2004-11-01              PADDY B

0297 230003 2004-02-01              PADDY C

0297 230004 2005-09-01              PADDY D

0297 230005 2006-01-01              PADDY E

0297 264001 2005-11-01              SPIRIT RIVER A

0297 264002 2002-04-01              SPIRIT RIVER B

0297 264003 2002-01-01              SPIRIT RIVER C

0297 264004 2010-04-01              SPIRIT RIVER D

0297 264005 2001-12-01              SPIRIT RIVER E

0297 264006 2002-03-01              SPIRIT RIVER F

0297 264007 2005-07-01              SPIRIT RIVER G

0297 264008 2003-01-01              SPIRIT RIVER H

0297 264009 2003-05-01              SPIRIT RIVER I

0297 264010 2003-05-01              SPIRIT RIVER J

0297 264011 2003-11-01              SPIRIT RIVER K

0297 264012 2004-05-01              SPIRIT RIVER L

0297 264013 2005-09-01              SPIRIT RIVER M

0297 264014 2010-04-01              SPIRIT RIVER N

0297 264015 2005-02-01              SPIRIT RIVER O

0297 264016 2006-03-01              SPIRIT RIVER P

0297 264017 2010-05-01              SPIRIT RIVER Q

0297 266001 2002-06-01              NOTIKWIN A

0297 266002 2010-04-01              NOTIKWIN B

0297 266003 2002-02-01              NOTIKWIN C

0297 266004 2003-04-01              NOTIKWIN D

0297 266005 2005-03-01              NOTIKWIN E

0297 266006 2007-05-01              NOTIKWIN F

**POOL DESIGNATION (cont'd)**

0297 266007 2005-07-01	NOTIKEWIN G
0297 266008 2007-08-01	NOTIKEWIN H
0297 266009 2008-02-01	NOTIKEWIN I
0297 304001 2001-02-01	BLUESKY A
0297 304002 2001-02-01	BLUESKY B
0297 304003 2007-04-01	BLUESKY C
0297 304004 2008-06-01	BLUESKY D
0297 304005 2010-04-01	BLUESKY E
0297 304007 2003-02-01	BLUESKY G
0297 304008 2004-05-01	BLUESKY H
0297 304009 2004-09-01	BLUESKY I
0297 304010 2004-09-01	BLUESKY J
0297 304011 2005-11-01	BLUESKY K
0297 304012 2007-07-01	BLUESKY L
0297 304013 2007-07-01	BLUESKY M
0297 304014 2007-08-01	BLUESKY N
0297 326001 2001-02-01	GETHING A
0297 326002 2001-09-01	GETHING B
0297 326003 2005-08-01	GETHING C
0297 326004 2002-02-01	GETHING D
0297 704001 2001-02-01	WOODBEND A
0297 744002 2001-02-01	BEAVERHILL LAKE B
0297 744003 2010-04-01	BEAVERHILL LAKE C
0297 758001 2001-02-01	SLAVE POINT A
0297 758002 2002-04-01	SLAVE POINT B
0297 758005 2001-02-01	SLAVE POINT E
0297 758006 2010-04-01	SLAVE POINT F
0297 758007 2001-02-01	SLAVE POINT G
0297 758008 2010-04-01	SLAVE POINT H
0297 758009 2001-02-01	SLAVE POINT I
0297 758010 2010-04-01	SLAVE POINT J
0297 758011 2017-06-01	SLAVE POINT K
0297 758012 2001-02-01	SLAVE POINT L

**POOL DESIGNATION (cont'd)**

0297 758013 2002-01-01	SLAVE POINT M
0297 758014 2010-04-01	SLAVE POINT N
0297 758015 2001-02-01	SLAVE POINT O
0297 758016 2002-12-01	SLAVE POINT P
0297 758017 2001-02-01	SLAVE POINT Q
0297 758018 2010-04-01	SLAVE POINT R
0297 758019 2010-04-01	SLAVE POINT S
0297 758020 2001-02-01	SLAVE POINT T
0297 758021 2001-02-01	SLAVE POINT U
0297 758025 2002-10-01	SLAVE POINT Y
0297 758026 2001-02-01	SLAVE POINT Z
0297 758027 2001-02-01	SLAVE POINT AA
0297 758028 2001-02-01	SLAVE POINT BB
0297 758029 2001-02-01	SLAVE POINT CC
0297 758031 2001-02-01	SLAVE POINT EE
0297 758032 2001-02-01	SLAVE POINT FF
0297 758033 2001-02-01	SLAVE POINT GG
0297 758034 2006-06-01	SLAVE POINT HH
0297 758035 2003-10-01	SLAVE POINT II
0297 758036 2002-02-01	SLAVE POINT JJ
0297 758037 2017-06-01	SLAVE POINT KK
0297 758038 2017-06-01	SLAVE POINT LL
0297 758039 2002-09-01	SLAVE POINT MM
0297 758040 2012-06-01	SLAVE POINT NN
0297 758042 2010-04-01	SLAVE POINT PP
0297 758043 2010-04-01	SLAVE POINT QQ
0297 758044 2005-04-01	SLAVE POINT RR
0297 758045 2002-05-01	SLAVE POINT SS
0297 758047 2010-04-01	SLAVE POINT UU
0297 758048 2002-10-01	SLAVE POINT VV
0297 758049 2003-03-01	SLAVE POINT WW
0297 758050 2003-02-01	SLAVE POINT XX
0297 758051 2010-04-01	SLAVE POINT YY
0297 758052 2003-04-01	SLAVE POINT ZZ
0297 758101 2010-04-01	SLAVE PT-GRAN WASH A
0297 758102 2010-04-01	SLAVE PT-GRAN WASH B
0297 758103 2010-04-01	SLAVE PT-GRAN WASH C

**POOL DESIGNATION (cont'd)**

0297 758601	2012-02-01	SLAVE POINT AAA
0297 758602	2010-04-01	SLAVE POINT BBB
0297 758603	2003-05-01	SLAVE POINT CCC
0297 758605	2010-04-01	SLAVE POINT EEE
0297 758606	2010-04-01	SLAVE POINT FFF
0297 758607	2003-08-01	SLAVE POINT GGG
0297 758608	2010-04-01	SLAVE POINT HHH
0297 758609	2010-04-01	SLAVE POINT III
0297 758610	2004-03-01	SLAVE POINT JJJ
0297 758611	2008-07-01	SLAVE POINT KKK
0297 758612	2004-05-01	SLAVE POINT LLL
0297 758614	2005-01-01	SLAVE POINT NNN
0297 758615	2017-06-01	SLAVE POINT OOO
0297 758616	2007-07-01	SLAVE POINT PPP
0297 758617	2010-07-01	SLAVE POINT QQQ
0297 758618	2008-10-01	SLAVE POINT RRR
0297 758619	2009-04-01	SLAVE POINT SSS
0297 758620	2011-02-01	SLAVE POINT TTT
0297 758621	2012-04-01	SLAVE POINT UUU
0297 758623	2012-06-01	SLAVE POINT WWW

0297 797501	2008-06-01	GRANITE WASH A
0297 797503	2008-06-01	GRANITE WASH C
0297 797504	2008-06-01	GRANITE WASH D
0297 797505	2008-06-01	GRANITE WASH E
0297 797506	2008-06-01	GRANITE WASH F
0297 797507	2008-06-01	GRANITE WASH G
0297 797508	2008-06-01	GRANITE WASH H
0297 797509	2013-11-01	GRANITE WASH I

**SPACING PATTERN**

SU 4314	20 Apr 2006
SU 4314A	18 Oct 2007

**MISCELLANEOUS ORDERS**

MISC 6211	5 Mar 1962
Oil production allowables	
Shell Reno No. 16-25-80-17	
Shell Imperial Springburn No. 1	

**COMMINGLED PRODUCTION**

MU 5161 24 Jan 2006

**ENHANCED RECOVERY SCHEMES**

App 8675F 26 Oct 2015  
Waterflood  
Slave Point N, Q, T, U, Y, Z, CC and GG  
Canadian Natural Resources Limited

App 10911B 24 Mar 2016  
Waterflood  
Slave Point II, NN, QQ  
Canadian Natural Resources Limited

App 11062B 18 May 2016  
Waterflood  
Slave Point AAA  
Canadian Natural Resources Limited

App 12614A 9 Jun 2017  
Waterflood  
Slave Point K, KK, LL, M, OOO, QQQ  
Summerland Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 9097 5 Jun 2002  
Class II  
Long Run Exploration Ltd.

App 10611 26 Jul 2006  
Class II  
Canadian Natural Resources Limited

App 11288F 24 May 2017  
Class II  
Summerland Energy Inc.

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

App 11681D 22 Jan 2013  
Class II  
Koch Oil Sands Operating ULC

App 11913A 12 Sep 2017  
Class II  
Obsidian Energy Ltd.

**SURFACE PIT DISPOSAL**

W 316 2 Feb 1969  
No pit disposal

**FIELD DESIGNATION**

0274 2008-01-01                      DEADWOOD FIELD

**POOL DESIGNATION**

0274 304001 2010-04-01              BLUESKY A

0274 304002 2001-02-01              BLUESKY B

0274 304003 2001-11-01              BLUESKY C

0274 304004 2008-01-01              BLUESKY D

0274 304701 2014-03-01              BLUESKY-TRIASSIC A

0274 612001 2001-03-01              DEBOLT A

0274 765501 2009-07-01              GILWOOD A

0274 765502 2008-06-01              GILWOOD B

**FIELD DESIGNATION**

0308 2009-06-01            DEANNE FIELD

**POOL DESIGNATION**

0308 126001 2006-04-01    BELLY RIVER A

0308 218001 2001-02-01    VIKING A

0308 300001 2002-07-01    GLAUCONITIC A

0308 300002 2001-02-01    GLAUCONITIC B

0308 300003 2010-04-01    GLAUCONITIC C

**SPACING PATTERN**

SU 2934            14 Jul 1999

SU 2934A          9 Feb 2001

**FIELD DESIGNATION**

0281 2008-07-01                      DECRENE FIELD

**POOL DESIGNATION**

0281 250001 2003-05-01            UPPER MANNVILLE A  
0281 250002 2001-02-01            UPPER MANNVILLE B  
0281 250004 2001-02-01            UPPER MANNVILLE D  
0281 250005 2010-04-01            UPPER MANNVILLE E  
0281 250006 2010-04-01            UPPER MANNVILLE F  
0281 250007 2010-04-01            UPPER MANNVILLE G  
0281 250008 2010-04-01            UPPER MANNVILLE H  
0281 250010 2010-04-01            UPPER MANNVILLE J  
0281 250011 2001-02-01            UPPER MANNVILLE K  
0281 250012 2001-02-01            UPPER MANNVILLE L  
0281 250013 2010-04-01            UPPER MANNVILLE M  
0281 250014 2001-03-01            UPPER MANNVILLE N  
0281 250015 2001-02-01            UPPER MANNVILLE O  
0281 250016 2001-02-01            UPPER MANNVILLE P  
0281 250017 2001-02-01            UPPER MANNVILLE Q  
0281 250018 2001-02-01            UPPER MANNVILLE R  
0281 250019 2001-03-01            UPPER MANNVILLE S  
0281 250020 2001-04-01            UPPER MANNVILLE T  
0281 250021 2002-01-01            UPPER MANNVILLE U  
0281 250022 2010-05-01            UPPER MANNVILLE V  
0281 250023 2005-03-01            UPPER MANNVILLE W  
0281 250024 2009-05-01            UPPER MANNVILLE X  
0281 250025 2008-02-01            UPPER MANNVILLE Y  
0281 250026 2010-04-01            UPPER MANNVILLE Z  
0281 250027 2008-12-01            UPPER MANNVILLE AA  
0281 250028 2009-04-01            UPPER MANNVILLE BB  
0281 250029 2010-05-01            UPPER MANNVILLE CC  
0281 250030 2012-02-01            UPPER MANNVILLE DD

0281 280001 2001-02-01            CLEARWATER A  
0281 280002 2010-04-01            CLEARWATER B  
0281 280003 2003-05-01            CLEARWATER C



**POOL DESIGNATION (cont'd)**

0281 280004 2006-05-01	CLEARWATER D
0281 280005 2008-01-01	CLEARWATER E
0281 306001 2010-04-01	WABISKAW A
0281 306002 2001-02-01	WABISKAW B
0281 306003 2001-02-01	WABISKAW C
0281 306004 2001-06-01	WABISKAW D
0281 328001 2001-02-01	MCMURRAY A
0281 328002 2001-02-01	MCMURRAY B
0281 328003 2001-02-01	MCMURRAY C
0281 328004 2001-02-01	MCMURRAY D
0281 658001 2008-12-01	WABAMUN A

**SPACING PATTERN**

SU 2301      28 Jul 1995

**COMMINGLED PRODUCTION**

MU 4698      11 Oct 2005

**SUBSURFACE DISPOSAL SCHEMES**

App 9315A    17 Jul 2014  
Class II  
Canadian Natural Resources Limited

App 9361      28 Mar 2003  
Class II  
Canadian Natural Resources Limited

App 10445    12 Jan 2006  
Class II  
Kor Energy Inc.

**FIELD DESIGNATION**

0279 2005-06-01 DEEP FIELD

**POOL DESIGNATION**

0279 250001 2001-02-01 UPPER MANNVILLE A  
0279 250002 2002-07-01 UPPER MANNVILLE B  
0279 250003 2005-06-01 UPPER MANNVILLE C

0279 316001 2001-02-01 OSTRACOD A

0279 336001 2010-04-01 ELLERSLIE A  
0279 336002 2001-02-01 ELLERSLIE B  
0279 336003 2001-02-01 ELLERSLIE C  
0279 336004 2002-07-01 ELLERSLIE D  
0279 336005 2010-04-01 ELLERSLIE E  
0279 336006 2001-02-01 ELLERSLIE F  
0279 336007 2001-02-01 ELLERSLIE G  
0279 336008 2013-01-01 ELLERSLIE H  
0279 336009 2001-02-01 ELLERSLIE I  
0279 336010 2002-07-01 ELLERSLIE J  
0279 336011 2005-06-01 ELLERSLIE K  
0279 336012 2007-10-01 ELLERSLIE L  
0279 336013 2007-10-01 ELLERSLIE M  
0279 336014 2007-08-01 ELLERSLIE N

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**DEL BONITA FIELD**  
**October 2017**

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**FIELD DESIGNATION**

0275 2012-06-01 DEL BONITA FIELD

**POOL DESIGNATION**

0275 610000 2013-06-01 RUNDLE

0275 649001 2012-08-01 LWR BANFF-EXSHAW-BV A  
0275 649002 2014-11-01 LWR BANFF-EXSHAW-BV B  
0275 649003 2013-03-01 LWR BANFF-EXSHAW-BV C  
0275 649004 2013-03-01 LWR BANFF-EXSHAW-BV D  
0275 649005 2013-03-01 LWR BANFF-EXSHAW-BV E

0275 704001 2008-11-01 WOODBEND A

**SPACING PATTERN**

SU 2300 28 Jul 1995

**FIELD DESIGNATION**

0285 2010-12-01 DELIA FIELD

**POOL DESIGNATION**

0285 118801 2007-02-01 LOWER EDMONTON A  
0285 118802 2010-04-01 LOWER EDMONTON B  
0285 118803 2011-03-01 LOWER EDMONTON C  
0285 118804 2012-12-01 LOWER EDMONTON D  
0285 118805 2013-06-01 LOWER EDMONTON E

0285 218001 2001-02-01 VIKING A  
0285 218002 2001-02-01 VIKING B

0285 250002 2001-02-01 UPPER MANNVILLE B  
0285 250003 2001-02-01 UPPER MANNVILLE C  
0285 250004 2002-04-01 UPPER MANNVILLE D  
0285 250005 2003-10-01 UPPER MANNVILLE E

0285 300002 2001-02-01 GLAUCONITIC B  
0285 300003 2006-06-01 GLAUCONITIC C  
0285 300004 2008-10-01 GLAUCONITIC D

0285 336001 2001-09-01 ELLERSLIE A  
0285 336002 2001-02-01 ELLERSLIE B  
0285 336003 2001-02-01 ELLERSLIE C  
0285 336004 2001-02-01 ELLERSLIE D  
0285 336005 2001-02-01 ELLERSLIE E  
0285 336006 2001-02-01 ELLERSLIE F  
0285 336007 2001-02-01 ELLERSLIE G  
0285 336008 2001-02-01 ELLERSLIE H

0285 350001 2001-02-01 DETRITAL A

0285 644003 2001-02-01 BANFF C

0285 850600 2011-01-01 MFP8506 BELLY RIVER

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**DELIA FIELD**  
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**POOL DESIGNATION (cont'd)**

0285 854000 2011-01-01 MFP8540 BSL BELLY RIV

0285 858900 2011-02-01 MFP8589 EDMONTON

**SPACING PATTERN**

SU 2630 7 Mar 1996  
SU 2630A 27 Sep 2004  
SU 2630B 29 Nov 2005  
SU 2630C 3 Mar 2006  
SU 2630D 21 Apr 2006  
SU 2630E 15 Jun 2007

**COMMINGLED PRODUCTION**

MU 8265 12 Dec 2011

**FIELD DESIGNATION**

0302 2007-08-01                      DEMAY FIELD

**POOL DESIGNATION**

0302 218001 2004-05-01              VIKING A

0302 250001 2001-02-01              UPPER MANNVILLE A  
0302 250002 2001-02-01              UPPER MANNVILLE B  
0302 250003 2001-02-01              UPPER MANNVILLE C  
0302 250004 2001-02-01              UPPER MANNVILLE D  
0302 250005 2001-02-01              UPPER MANNVILLE E

0302 310001 2001-02-01              LOWER MANNVILLE A  
0302 310002 2001-02-01              LOWER MANNVILLE B  
0302 310003 2004-05-01              LOWER MANNVILLE C  
0302 310004 2007-11-01              LOWER MANNVILLE D  
0302 310005 2008-03-01              LOWER MANNVILLE E

**FIELD DESIGNATION**

0303 2009-04-01 DERWENT FIELD

**POOL DESIGNATION**

0303 160001 2014-06-01 COLORADO A

0303 218001 2011-08-01 VIKING A

0303 218002 2014-06-01 VIKING B

0303 256001 2001-02-01 COLONY A

0303 256002 2001-02-01 COLONY B

0303 256003 2002-09-01 COLONY C

0303 256005 2001-02-01 COLONY E

0303 256006 2002-11-01 COLONY F

0303 256007 2003-08-01 COLONY G

0303 262001 2001-02-01 GRAND RAPIDS A

0303 262002 2001-02-01 GRAND RAPIDS B

0303 262003 2001-02-01 GRAND RAPIDS C

0303 262004 2001-02-01 GRAND RAPIDS D

0303 270001 2008-09-01 WASECA A

0303 270002 2002-01-01 WASECA B

0303 302002 2001-02-01 CUMMINGS B

**COMMINGLED PRODUCTION**

MU 5204 31 Jan 2006

**FIELD DESIGNATION**

0277 2005-04-01                      DESMARAIS FIELD

**POOL DESIGNATION**

0277 306003 2010-04-01      WABISKAW C

0277 306005 2007-04-01      WABISKAW E

0277 658003 2007-10-01      WABAMUN C

**COMMINGLED PRODUCTION**

MU 6506              8 Mar 2007



**FIELD DESIGNATION**

0304 2011-02-01                      DEVENISH FIELD

**POOL DESIGNATION**

0304 218001 2003-04-01          VIKING A  
0304 218002 2003-04-01          VIKING B  
  
0304 262001 2008-01-01          GRAND RAPIDS A  
0304 262002 2010-04-01          GRAND RAPIDS B  
0304 262003 2001-02-01          GRAND RAPIDS C  
0304 262007 2010-09-01          GRAND RAPIDS G  
  
0304 306001 2001-02-01          WABISKAW A

**FIELD DESIGNATION**

0293 2009-08-01           DEVIL FIELD

**POOL DESIGNATION**

0293 228001 2001-02-01   PEACE RIVER A  
0293 228002 2010-04-01   PEACE RIVER B  
0293 228003 2010-04-01   PEACE RIVER C  
0293 228004 2007-05-01   PEACE RIVER D  
0293 228006 2010-04-01   PEACE RIVER F  
0293 228007 2010-04-01   PEACE RIVER G  
0293 228008 2008-02-01   PEACE RIVER H

0293 304001 2011-01-01   BLUESKY A  
0293 304002 2007-07-01   BLUESKY B  
0293 304003 2010-01-01   BLUESKY C

0293 326001 2006-12-01   GETHING A  
0293 326002 2007-09-01   GETHING B  
0293 326003 2009-08-01   GETHING C  
0293 326004 2011-08-01   GETHING D

0293 612001 2006-12-01   DEBOLT A

**COMMINGLED PRODUCTION**

MU 6292      24 Nov 2006

**ENHANCED RECOVERY SCHEMES**

App 11194E   21 Apr 2014  
Waterflood  
Peace River G  
Pengrowth Energy Corporation

**FIELD DESIGNATION**

0287 2008-01-01 DEWBERRY FIELD

**POOL DESIGNATION**

0287 256001 2007-03-01 COLONY A  
0287 256002 2001-02-01 COLONY B  
0287 256003 2001-02-01 COLONY C  
0287 256004 2001-02-01 COLONY D  
0287 256005 2010-04-01 COLONY E  
0287 256006 2007-08-01 COLONY F  
0287 256007 2007-07-01 COLONY G  
0287 256008 2010-04-01 COLONY H  
0287 256009 2008-01-01 COLONY I  
0287 256010 2010-03-01 COLONY J  
0287 256011 2010-05-01 COLONY K

0287 262001 2001-02-01 GRAND RAPIDS A  
0287 262002 2001-02-01 GRAND RAPIDS B  
0287 262003 2001-02-01 GRAND RAPIDS C  
0287 262004 2001-02-01 GRAND RAPIDS D  
0287 262005 2007-01-01 GRAND RAPIDS E  
0287 262006 2007-03-01 GRAND RAPIDS F  
0287 262007 2007-03-01 GRAND RAPIDS G  
0287 262008 2007-03-01 GRAND RAPIDS H  
0287 262009 2007-04-01 GRAND RAPIDS I  
0287 262010 2007-08-01 GRAND RAPIDS J  
0287 262011 2007-08-01 GRAND RAPIDS K

0287 270001 2007-01-01 WASECA A  
0287 270002 2007-04-01 WASECA B

0287 276001 2010-04-01 SPARKY A  
0287 276003 2001-02-01 SPARKY C  
0287 276004 2009-12-01 SPARKY D  
0287 276005 2010-08-01 SPARKY E

**POOL DESIGNATION (cont'd)**

0287 286001	2001-02-01	GENERAL PETROLEUM A
0287 288001	2004-08-01	REX A
0287 288002	2009-05-01	REX B
0287 294001	2001-02-01	LLOYDMINSTER A
0287 294003	2007-03-01	LLOYDMINSTER C
0287 302001	2007-03-01	CUMMINGS A
0287 302002	2004-03-01	CUMMINGS B
0287 302003	2005-08-01	CUMMINGS C
0287 302004	2007-07-01	CUMMINGS D
0287 302005	2009-09-01	CUMMINGS E

**COMMINGLED PRODUCTION**

MU 7186      24 Jul 2009

**SUBSURFACE DISPOSAL SCHEMES**

App 12362      5 Feb 2015  
Class II  
Incipient Exploration Ltd.

**FIELD DESIGNATION**

0316 2015-04-01 DIMSDALE FIELD

**POOL DESIGNATION**

0316 192001 2011-12-01 DUNVEGAN A

0316 230001 2001-02-01 PADDY A

0316 408001 2013-09-01 NIKANASSIN A

0316 508001 2010-04-01 CHARLIE LAKE A  
0316 508002 2015-04-01 CHARLIE LAKE B

0316 516001 2003-08-01 HALFWAY A  
0316 516002 2003-08-01 HALFWAY B  
0316 516003 2002-11-01 HALFWAY C  
0316 516005 2006-07-01 HALFWAY E  
0316 516006 2008-03-01 HALFWAY F  
0316 516007 2011-02-01 HALFWAY G

**SPACING PATTERN**

SU 2297 28 Jul 1995

**GAS STORAGE SCHEMES**

App 12203C 12 Jul 2016  
Paddy A  
Tidewater Midstream And Infrastructure  
Ltd.

**GAS ALLOWABLE**

GA 332 27 Sep 1993

**FIELD DESIGNATION**

0280 2015-01-01            DINA FIELD

**POOL DESIGNATION**

0280 202001 2005-05-01    FISH SCALE A  
0280 202002 2005-06-01    FISH SCALE B  
0280 202003 2005-07-01    FISH SCALE C  
0280 202004 2009-05-01    FISH SCALE D  
0280 202005 2010-04-01    FISH SCALE E  
0280 202006 2014-01-01    FISH SCALE F  
0280 202008 2014-06-01    FISH SCALE H

0280 211001 2014-01-01    LOWER COLORADO A  
0280 211003 2004-08-01    LOWER COLORADO C  
0280 211004 2005-07-01    LOWER COLORADO D  
0280 211005 2009-05-01    LOWER COLORADO E  
0280 211006 2010-04-01    LOWER COLORADO F  
0280 211007 2010-04-01    LOWER COLORADO G  
0280 211008 2014-01-01    LOWER COLORADO H  
0280 211010 2014-06-01    LOWER COLORADO J

0280 218001 2004-10-01    VIKING A  
0280 218002 2010-04-01    VIKING B  
0280 218003 2005-03-01    VIKING C  
0280 218004 2010-04-01    VIKING D  
0280 218005 2010-04-01    VIKING E  
0280 218006 2011-05-01    VIKING F

0280 256001 2005-06-01    COLONY A  
0280 256002 2010-12-01    COLONY B

0280 276000 2010-11-01    SPARKY  
0280 276002 2001-02-01    SPARKY B  
0280 276003 2001-02-01    SPARKY C  
0280 276004 2016-10-01    SPARKY D  
0280 276007 2011-06-01    SPARKY G

**SPACING PATTERN**

SU 2298      27 Jul 1995  
SU 2298A     1 Nov 2001  
SU 2298B     1 Mar 2002  
SU 2298C     2 Sep 2003  
SU 2298D     26 Feb 2004  
SU 2298E     12 May 2004

**COMMINGLED PRODUCTION**

MU 7493      5 Aug 2010

**SURFACE PIT DISPOSAL**

W 203          19 Dec 1961  
No pit disposal

**FIELD DESIGNATION**

0306 2005-09-01            DINANT FIELD

**POOL DESIGNATION**

0306 134001 2005-06-01    BASAL BELLY RIVER A  
0306 134002 2005-06-01    BASAL BELLY RIVER B  
0306 134003 2013-03-01    BASAL BELLY RIVER C

0306 218005 2004-12-01    VIKING E  
0306 218006 2010-04-01    VIKING F  
0306 218007 2010-04-01    VIKING G  
0306 218008 2008-11-01    VIKING H  
0306 218009 2008-11-01    VIKING I

0306 300001 2001-02-01    GLAUCONITIC A  
0306 300002 2001-02-01    GLAUCONITIC B  
0306 300003 2001-02-01    GLAUCONITIC C  
0306 300004 2007-07-01    GLAUCONITIC D  
0306 300005 2012-06-01    GLAUCONITIC E

0306 310001 2012-06-01    LOWER MANNVILLE A

0306 336001 2001-02-01    ELLERSLIE A  
0306 336002 2001-02-01    ELLERSLIE B  
0306 336003 2006-02-01    ELLERSLIE C  
0306 336004 2012-05-01    ELLERSLIE D  
0306 336005 2010-04-01    ELLERSLIE E

0306 851800 2008-07-01    MFP8518 U&M VIKING

**SPACING PATTERN**

SU 4190            25 Jun 2004

**SUBSURFACE DISPOSAL SCHEMES**

App 7889A    6 Mar 2015  
Class II  
Ceiba Energy Services Inc.



**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 10114B 30 Jan 2017

Class II

Sequoia Resources Corp.

**COMPULSORY POOLING**

P 409 20 Jul 2010

P 409A 22 Aug 2013

P 409B 15 Oct 2014

Gas

15-047-19W4M

Nexen Inc.

**FIELD DESIGNATION**

1053 2001-02-01 DIVIDE FIELD

**POOL DESIGNATION**

1053 262001 2001-03-01 GRAND RAPIDS A  
1053 262003 2001-02-01 GRAND RAPIDS C  
1053 262004 2003-05-01 GRAND RAPIDS D  
1053 262005 2005-07-01 GRAND RAPIDS E  
1053 262006 2005-07-01 GRAND RAPIDS F

1053 328001 2010-04-01 MCMURRAY A  
1053 328004 2003-12-01 MCMURRAY D  
1053 328007 2001-02-01 MCMURRAY G  
1053 328008 2003-12-01 MCMURRAY H  
1053 328010 2001-02-01 MCMURRAY J  
1053 328011 2008-06-01 MCMURRAY K  
1053 328013 2010-04-01 MCMURRAY M  
1053 328015 2001-03-01 MCMURRAY O  
1053 328016 2001-07-01 MCMURRAY P  
1053 328017 2004-09-01 MCMURRAY Q  
1053 328018 2003-12-01 MCMURRAY R  
1053 328019 2003-12-01 MCMURRAY S  
1053 328020 2003-11-01 MCMURRAY T  
1053 328021 2003-12-01 MCMURRAY U  
1053 328022 2003-12-01 MCMURRAY V  
1053 328023 2003-12-01 MCMURRAY W  
1053 328024 2010-04-01 MCMURRAY X  
1053 328025 2006-01-01 MCMURRAY Y  
1053 328026 2003-12-01 MCMURRAY Z  
1053 328029 2004-01-01 MCMURRAY CC  
1053 328030 2003-12-01 MCMURRAY DD  
1053 328032 2006-10-01 MCMURRAY FF  
1053 328034 2003-12-01 MCMURRAY HH  
1053 328038 2006-01-01 MCMURRAY LL  
1053 328039 2011-09-01 MCMURRAY MM

**SPACING PATTERN**

SU 2629      13 Mar 1996

**COMMINGLED PRODUCTION**

MU 6601      19 Jun 2007

**FIELD DESIGNATION**

0282 2008-02-01                      DIXONVILLE FIELD

**POOL DESIGNATION**

0282 264001 2012-04-01              SPIRIT RIVER A  
0282 264002 2012-11-01              SPIRIT RIVER B  
0282 264003 2013-09-01              SPIRIT RIVER C  
0282 264005 2011-11-01              SPIRIT RIVER E  
0282 264006 2012-03-01              SPIRIT RIVER F  
0282 264007 2012-03-01              SPIRIT RIVER G  
0282 264008 2001-05-01              SPIRIT RIVER H  
0282 264009 2010-04-01              SPIRIT RIVER I  
0282 264010 2004-10-01              SPIRIT RIVER J  
0282 264011 2010-04-01              SPIRIT RIVER K  
0282 264012 2007-01-01              SPIRIT RIVER L  
0282 264013 2007-07-01              SPIRIT RIVER M  
0282 264014 2007-07-01              SPIRIT RIVER N  
0282 264015 2007-12-01              SPIRIT RIVER O  
0282 264016 2010-04-01              SPIRIT RIVER P  
0282 264017 2008-12-01              SPIRIT RIVER Q  
0282 264018 2009-04-01              SPIRIT RIVER R  
0282 264019 2012-03-01              SPIRIT RIVER S  
0282 264020 2012-03-01              SPIRIT RIVER T  
0282 264021 2012-03-01              SPIRIT RIVER U

0282 304002 2010-04-01              BLUESKY B  
0282 304003 2006-06-01              BLUESKY C  
0282 304004 2001-02-01              BLUESKY D  
0282 304005 2001-02-01              BLUESKY E  
0282 304006 2010-04-01              BLUESKY F  
0282 304008 2007-07-01              BLUESKY H  
0282 304009 2008-01-01              BLUESKY I  
0282 304010 2008-02-01              BLUESKY J

0282 326001 2010-04-01              GETHING A  
0282 326002 2006-06-01              GETHING B

**POOL DESIGNATION (cont'd)**

0282 326003 2012-07-01	GETHING C
0282 326004 2001-02-01	GETHING D
0282 326005 2001-02-01	GETHING E
0282 326006 2010-04-01	GETHING F
0282 326007 2001-03-01	GETHING G
0282 326008 2001-02-01	GETHING H
0282 326009 2001-02-01	GETHING I
0282 326010 2001-04-01	GETHING J
0282 326011 2006-03-01	GETHING K
0282 326013 2003-01-01	GETHING M
0282 326014 2003-01-01	GETHING N
0282 326015 2005-10-01	GETHING O
0282 326016 2007-05-01	GETHING P
0282 326017 2007-07-01	GETHING Q
0282 326018 2008-01-01	GETHING R
0282 326019 2008-01-01	GETHING S
0282 326020 2008-01-01	GETHING T
0282 326021 2008-05-01	GETHING U
0282 326022 2008-05-01	GETHING V
0282 326023 2008-06-01	GETHING W
0282 326024 2012-12-01	GETHING X
0282 444001 2006-01-01	NORDEGG A
0282 500003 2004-10-01	TRIASSIC C
0282 500004 2013-05-01	TRIASSIC D
0282 508001 2003-01-01	CHARLIE LAKE A
0282 508003 2010-04-01	CHARLIE LAKE C
0282 524001 2001-02-01	MONTNEY A
0282 524002 2001-12-01	MONTNEY B
0282 524003 2015-09-01	MONTNEY C
0282 524005 2004-10-01	MONTNEY E
0282 524008 2010-04-01	MONTNEY H
0282 524009 2008-01-01	MONTNEY I
0282 556001 2002-03-01	BELLOY A

**POOL DESIGNATION (cont'd)**

0282 720001 2001-02-01 LEDUC A  
0282 720002 2001-03-01 LEDUC B

**SPACING PATTERN**

SU 4257 17 Dec 2004  
SU 4257A 29 Nov 2005  
SU 4257B 19 Oct 2006  
SU 4257C 2 Nov 2006  
SU 4257D 4 Apr 2007  
Adamant Energy Inc.

**COMMINGLED PRODUCTION**

MU 5531 25 Apr 2006

**ENHANCED RECOVERY SCHEMES**

App 11861D 8 Jul 2016  
Waterflood  
Montney C  
Eagle Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 9055B 6 Jan 2017  
Class II  
Sydco Energy Inc.

App 9409D 14 Sep 2016  
Class II  
Eagle Energy Inc.

**FIELD DESIGNATION**

1054 2008-10-01                      DIZZY FIELD

**POOL DESIGNATION**

1054 758001 2010-04-01            SLAVE POINT A  
1054 758002 2001-02-01            SLAVE POINT B  
1054 758003 2001-02-01            SLAVE POINT C  
1054 758004 2001-04-01            SLAVE POINT D  
1054 758005 2001-02-01            SLAVE POINT E  
1054 758006 2001-02-01            SLAVE POINT F  
1054 758007 2001-03-01            SLAVE POINT G  
1054 758008 2001-04-01            SLAVE POINT H  
1054 758009 2001-05-01            SLAVE POINT I  
1054 758010 2004-04-01            SLAVE POINT J  
1054 758011 2008-08-01            SLAVE POINT K

1054 767501 2008-06-01            SULPHUR POINT A  
1054 767502 2008-06-01            SULPHUR POINT B  
1054 767503 2008-06-01            SULPHUR POINT C  
1054 767504 2008-06-01            SULPHUR POINT D  
1054 767505 2013-07-01            SULPHUR POINT E

1054 768501 2008-10-01            MUSKEG A

**COMMINGLED PRODUCTION**

MU 2212            1 Mar 2001

**SUBSURFACE DISPOSAL SCHEMES**

App 8468G    10 Aug 2016  
Class III Acid Gas  
Strategic Oil & Gas Ltd.

App 10565C    13 Mar 2015  
Class II  
Strategic Oil & Gas Ltd.

**FIELD DESIGNATION**

0283 2008-05-01 DOBSON FIELD

**POOL DESIGNATION**

0283 134001 2005-06-01 BASAL BELLY RIVER A

0283 134002 2017-07-01 BASAL BELLY RIVER B

0283 202001 2009-11-01 FISH SCALE A

0283 202002 2009-11-01 FISH SCALE B

0283 218001 2003-02-01 VIKING A

0283 218004 2010-04-01 VIKING D

0283 218005 2010-04-01 VIKING E

0283 218006 2009-03-01 VIKING F

0283 242001 2001-02-01 BASAL COLORADO A

0283 250001 2003-07-01 UPPER MANNVILLE A

0283 250002 2010-08-01 UPPER MANNVILLE B

0283 310001 2001-02-01 LOWER MANNVILLE A

0283 310002 2005-05-01 LOWER MANNVILLE B

0283 853600 2010-04-01 MFP8536 MILK RIVER

**SPACING PATTERN**

SU 4245 17 Dec 2004

SU 4309 12 Dec 2005

SU 4309A 18 Jan 2007

SU 4309B 5 Oct 2007



**FIELD DESIGNATION**

0294 2013-05-01 DOE FIELD

**POOL DESIGNATION**

0294 304001 2001-02-01 BLUESKY A

0294 326001 2013-07-01 GETHING A

0294 326002 2004-10-01 GETHING B

0294 326003 2007-07-01 GETHING C

0294 348001 2001-02-01 CADOMIN A

0294 348002 2001-03-01 CADOMIN B

0294 348003 2002-05-01 CADOMIN C

0294 348004 2013-07-01 CADOMIN D

0294 508001 2004-03-01 CHARLIE LAKE A

0294 508002 2009-12-01 CHARLIE LAKE B

0294 508003 2013-05-01 CHARLIE LAKE C

0294 510001 2001-02-01 BOUNDARY A

0294 510002 2001-02-01 BOUNDARY B

0294 510003 2010-04-01 BOUNDARY C

0294 510004 2002-03-01 BOUNDARY D

0294 510005 2002-01-01 BOUNDARY E

0294 516001 2015-03-01 HALFWAY A

0294 516002 2002-10-01 HALFWAY B

0294 516003 2002-12-01 HALFWAY C

0294 516004 2003-11-01 HALFWAY D

0294 516005 2003-12-01 HALFWAY E

0294 516006 2004-02-01 HALFWAY F

0294 520001 2016-08-01 DOIG A

0294 520002 2001-02-01 DOIG B

0294 520003 2001-02-01 DOIG C

0294 520005 2001-02-01 DOIG E

**POOL DESIGNATION (cont'd)**

0294 520007 2016-08-01 DOIG G  
0294 520008 2017-05-01 DOIG H  
0294 520009 2015-09-01 DOIG I  
0294 520012 2002-07-01 DOIG L  
0294 520013 2002-08-01 DOIG M  
0294 520014 2016-10-01 DOIG N  
0294 520015 2013-11-01 DOIG O  
0294 520016 2004-01-01 DOIG P  
0294 520017 2004-01-01 DOIG Q  
0294 520018 2004-05-01 DOIG R  
0294 520019 2004-09-01 DOIG S

0294 606001 2010-04-01 KISKATINAW A  
0294 606002 2001-02-01 KISKATINAW B  
0294 606003 2010-04-01 KISKATINAW C

**SPACING PATTERN**

SU 3079 6 Dec 2001  
SU 3079A 22 Feb 2002  
SU 3079B 26 Feb 2003  
SU 3079C 15 Sep 2003  
SU 3079D 4 Apr 2006

**SUBSURFACE DISPOSAL SCHEMES**

App 11460 24 Jun 2010  
Class III Acid Gas  
AltaGas Ltd.

**COMMINGLED PRODUCTION**

MU 7610 8 Dec 2010

**ENHANCED RECOVERY SCHEMES**

App 12578 19 Dec 2016  
Waterflood and reinjection  
Doig A  
Glenogle Energy Inc.

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**DOI**

**DOIG FIELD**

**0301**

**October 2017**

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**FIELD DESIGNATION**

0301 2001-02-01 DOIG FIELD

**POOL DESIGNATION**

0301 326001 2005-11-01 GETHING A

**FIELD DESIGNATION**

0313 2005-08-01 DOLCY FIELD

**POOL DESIGNATION**

0313 218001 2008-02-01 VIKING A

0313 218002 2008-02-01 VIKING B

0313 218003 2013-09-01 VIKING C

0313 256001 2001-02-01 COLONY A

0313 256002 2001-02-01 COLONY B

0313 256003 2001-11-01 COLONY C

0313 256004 2008-01-01 COLONY D

0313 256005 2005-08-01 COLONY E

0313 256006 2005-10-01 COLONY F

0313 256007 2006-09-01 COLONY G

0313 268001 2001-04-01 MCLAREN A

0313 268002 2006-09-01 MCLAREN B

0313 270001 2008-02-01 WASECA A

0313 288001 2001-04-01 REX A

0313 288002 2010-01-01 REX B

0313 294001 2007-06-01 LLOYDMINSTER A

0313 294003 2001-02-01 LLOYDMINSTER C

0313 294004 2001-02-01 LLOYDMINSTER D

0313 294005 2001-02-01 LLOYDMINSTER E

0313 294006 2006-06-01 LLOYDMINSTER F

0313 294007 2010-04-01 LLOYDMINSTER G

0313 294008 2009-04-01 LLOYDMINSTER H

0313 302001 2001-02-01 CUMMINGS A

0313 302002 2010-04-01 CUMMINGS B

0313 302003 2007-12-01 CUMMINGS C

0313 302004 2006-07-01 CUMMINGS D

**SPACING PATTERN**

SU 2792      12 Nov 1996  
SU 2792A     9 Dec 1997  
SU 2792B     6 Apr 2000  
SU 2792C     27 Jun 2000  
SU 2792D     19 May 2006

**COMMINGLED PRODUCTION**

MU 7223      24 Aug 2009

**ENHANCED RECOVERY SCHEMES**

App 8148H    24 Aug 2017  
Waterflood  
Lloydminster A  
Bow River Energy Ltd.

App 8149I    24 Aug 2017  
Waterflood  
Lloydminster C  
Bow River Energy Ltd.

**FIELD DESIGNATION**

0284 2011-05-01 DONALDA FIELD

**POOL DESIGNATION**

0284 118801 2008-11-01 LOWER EDMONTON A  
0284 118802 2010-04-01 LOWER EDMONTON B

0284 124001 2010-04-01 BEARPAW A  
0284 124002 2010-04-01 BEARPAW B

0284 126006 2001-02-01 BELLY RIVER F  
0284 126009 2001-03-01 BELLY RIVER I  
0284 126011 2001-04-01 BELLY RIVER K  
0284 126012 2001-06-01 BELLY RIVER L  
0284 126023 2002-05-01 BELLY RIVER W  
0284 126026 2002-08-01 BELLY RIVER Z  
0284 126031 2010-04-01 BELLY RIVER EE  
0284 126042 2006-09-01 BELLY RIVER PP  
0284 126043 2009-02-01 BELLY RIVER QQ  
0284 126044 2010-01-01 BELLY RIVER RR

0284 134001 2007-08-01 BASAL BELLY RIVER A  
0284 134002 2005-06-01 BASAL BELLY RIVER B  
0284 134003 2010-04-01 BASAL BELLY RIVER C  
0284 134006 2010-04-01 BASAL BELLY RIVER F  
0284 134008 2007-08-01 BASAL BELLY RIVER H  
0284 134009 2010-04-01 BASAL BELLY RIVER I  
0284 134010 2005-06-01 BASAL BELLY RIVER J  
0284 134011 2005-06-01 BASAL BELLY RIVER K  
0284 134014 2005-06-01 BASAL BELLY RIVER N  
0284 134016 2010-04-01 BASAL BELLY RIVER P  
0284 134017 2005-06-01 BASAL BELLY RIVER Q  
0284 134018 2006-05-01 BASAL BELLY RIVER R  
0284 134021 2007-07-01 BASAL BELLY RIVER U  
0284 134022 2010-04-01 BASAL BELLY RIVER V

**POOL DESIGNATION (cont'd)**

0284 160001 2013-02-01	COLORADO A
0284 164001 2010-04-01	MEDICINE HAT A
0284 186001 2009-12-01	SECOND WHITE SPECKS A
0284 218001 2010-04-01	VIKING A
0284 218003 2010-04-01	VIKING C
0284 218004 2010-04-01	VIKING D
0284 218005 2010-04-01	VIKING E
0284 218008 2001-02-01	VIKING H
0284 218009 2001-02-01	VIKING I
0284 218010 2001-02-01	VIKING J
0284 218011 2001-03-01	VIKING K
0284 218012 2010-04-01	VIKING L
0284 218013 2003-11-01	VIKING M
0284 218014 2006-01-01	VIKING N
0284 218015 2006-01-01	VIKING O
0284 218016 2008-10-01	VIKING P
0284 250001 2001-02-01	UPPER MANNVILLE A
0284 250002 2001-02-01	UPPER MANNVILLE B
0284 250003 2001-02-01	UPPER MANNVILLE C
0284 250004 2001-02-01	UPPER MANNVILLE D
0284 250005 2006-06-01	UPPER MANNVILLE E
0284 250006 2001-02-01	UPPER MANNVILLE F
0284 250007 2001-02-01	UPPER MANNVILLE G
0284 250008 2004-08-01	UPPER MANNVILLE H
0284 250009 2002-08-01	UPPER MANNVILLE I
0284 250010 2001-02-01	UPPER MANNVILLE J
0284 250011 2001-02-01	UPPER MANNVILLE K
0284 250012 2001-02-01	UPPER MANNVILLE L
0284 250013 2001-02-01	UPPER MANNVILLE M
0284 250014 2001-02-01	UPPER MANNVILLE N
0284 250015 2001-02-01	UPPER MANNVILLE O
0284 250016 2001-02-01	UPPER MANNVILLE P
0284 250017 2001-02-01	UPPER MANNVILLE Q
0284 250018 2001-02-01	UPPER MANNVILLE R

**POOL DESIGNATION (cont'd)**

0284 250019 2001-08-01	UPPER MANNVILLE S
0284 250020 2001-09-01	UPPER MANNVILLE T
0284 250021 2004-06-01	UPPER MANNVILLE U
0284 250022 2004-11-01	UPPER MANNVILLE V
0284 250024 2007-07-01	UPPER MANNVILLE X
0284 250025 2013-02-01	UPPER MANNVILLE Y
0284 310001 2010-04-01	LOWER MANNVILLE A
0284 310003 2010-04-01	LOWER MANNVILLE C
0284 310004 2001-02-01	LOWER MANNVILLE D
0284 310005 2001-02-01	LOWER MANNVILLE E
0284 310006 2001-02-01	LOWER MANNVILLE F
0284 310007 2001-02-01	LOWER MANNVILLE G
0284 310008 2001-02-01	LOWER MANNVILLE H
0284 310009 2001-02-01	LOWER MANNVILLE I
0284 310010 2001-02-01	LOWER MANNVILLE J
0284 310011 2001-02-01	LOWER MANNVILLE K
0284 310012 2001-02-01	LOWER MANNVILLE L
0284 310013 2001-02-01	LOWER MANNVILLE M
0284 310014 2001-02-01	LOWER MANNVILLE N
0284 310015 2010-04-01	LOWER MANNVILLE O
0284 310016 2001-02-01	LOWER MANNVILLE P
0284 310017 2001-02-01	LOWER MANNVILLE Q
0284 310018 2001-07-01	LOWER MANNVILLE R
0284 310019 2001-02-01	LOWER MANNVILLE S
0284 310020 2001-03-01	LOWER MANNVILLE T
0284 310021 2001-03-01	LOWER MANNVILLE U
0284 310022 2001-04-01	LOWER MANNVILLE V
0284 310023 2001-06-01	LOWER MANNVILLE W
0284 310024 2010-04-01	LOWER MANNVILLE X
0284 310025 2002-08-01	LOWER MANNVILLE Y
0284 310026 2004-11-01	LOWER MANNVILLE Z
0284 310027 2004-12-01	LOWER MANNVILLE AA
0284 310028 2005-11-01	LOWER MANNVILLE BB
0284 310029 2008-10-01	LOWER MANNVILLE CC
0284 310030 2009-02-01	LOWER MANNVILLE DD
0284 310031 2009-08-01	LOWER MANNVILLE EE



**POOL DESIGNATION (cont'd)**

0284 310032 2011-10-01 LOWER MANNVILLE FF

0284 850900 2010-12-01 MFP8509 BELLY RIVER

**SPACING PATTERN**

SU 4233 20 Nov 2004

SU 4233A 3 Dec 2004

SU 4233B 15 Jan 2005

SU 4233C 16 Apr 2005

SU 4233D 2 Aug 2005

SU 4233E 3 Feb 2006

SU 4233F 21 Sep 2007

**COMMINGLED PRODUCTION**

MU 7918 8 Jun 2011

**COMPULSORY POOLING**

P 214 29 Jan 2002

P 214A 23 Jun 2003

Gas

01-042-18W4M

True Energy

P 237 3 Apr 2003

Gas

23-041-19W4M

Alta Canada Energy Corp.

**FIELD DESIGNATION**

0032 2010-08-01                      DORENLEE FIELD

**POOL DESIGNATION**

0032 118801 2011-03-01            LOWER EDMONTON A

0032 126001 2001-02-01            BELLY RIVER A

0032 126002 2001-02-01            BELLY RIVER B

0032 126005 2001-12-01            BELLY RIVER E

0032 126006 2010-04-01            BELLY RIVER F

0032 126009 2017-02-01            BELLY RIVER I

0032 336001 2001-02-01            ELLERSLIE A

0032 336003 2001-02-01            ELLERSLIE C

0032 336006 2003-11-01            ELLERSLIE F

0032 336007 2004-01-01            ELLERSLIE G

0032 336008 2012-08-01            ELLERSLIE H

0032 850900 2010-07-01            MFP8509 BELLY RIVER

**SPACING PATTERN**

SU 4149            11 Mar 2004

SU 4149A          27 May 2004

SU 4149B          2 Sep 2004

SU 4149C          17 Sep 2004

SU 4149D          23 Feb 2005

SU 4149E          31 Aug 2005

**COMMINGLED PRODUCTION**

MU 7820            2 Jun 2011

**FIELD DESIGNATION**

0286 2009-02-01 DORIS FIELD

**POOL DESIGNATION**

0286 250001 2010-04-01 UPPER MANNVILLE A  
0286 250003 2001-02-01 UPPER MANNVILLE C  
0286 250004 2001-12-01 UPPER MANNVILLE D  
0286 250005 2004-05-01 UPPER MANNVILLE E  
0286 250006 2004-06-01 UPPER MANNVILLE F  
0286 250007 2005-02-01 UPPER MANNVILLE G  
0286 250008 2007-01-01 UPPER MANNVILLE H

0286 310001 2010-04-01 LOWER MANNVILLE A  
0286 310002 2001-02-01 LOWER MANNVILLE B  
0286 310003 2001-02-01 LOWER MANNVILLE C  
0286 310004 2001-12-01 LOWER MANNVILLE D  
0286 310007 2001-02-01 LOWER MANNVILLE G  
0286 310008 2001-02-01 LOWER MANNVILLE H  
0286 310009 2014-05-01 LOWER MANNVILLE I  
0286 310010 2002-01-01 LOWER MANNVILLE J  
0286 310011 2002-09-01 LOWER MANNVILLE K  
0286 310012 2002-09-01 LOWER MANNVILLE L  
0286 310013 2004-09-01 LOWER MANNVILLE M  
0286 310014 2004-10-01 LOWER MANNVILLE N  
0286 310015 2005-09-01 LOWER MANNVILLE O  
0286 310016 2007-05-01 LOWER MANNVILLE P  
0286 310017 2007-07-01 LOWER MANNVILLE Q  
0286 310018 2007-08-01 LOWER MANNVILLE R  
0286 310019 2013-09-01 LOWER MANNVILLE S  
0286 310020 2013-12-01 LOWER MANNVILLE T

0286 961700 2012-06-01 MFP9617 CBM MEDR

**SPACING PATTERN**

SU 4128 13 Nov 2003  
SU 4128A 28 Jan 2005  
SU 4128B 16 Apr 2005  
SU 4128C 8 Feb 2006  
SU 4128D 16 Nov 2006  
SU 4128E 21 Feb 2007  
SU 4128F 28 Mar 2007  
SU 4128G 2 Oct 2007  
SU 4128H 18 Oct 2007

**COMMINGLED PRODUCTION**

MU 2470 11 Jan 2002

**SUBSURFACE DISPOSAL SCHEMES**

App 9318A 21 Jun 2012  
Class II  
Bellatrix Exploration Ltd.

App 10980C 13 Jan 2015  
Class II  
Nexen Energy ULC

App 11639D 16 Feb 2012  
Class II  
Trident Exploration (alberta) Corp.

App 12408B 19 May 2016  
Class II  
RJ Oil Inc.

**FIELD DESIGNATION**

0288 2010-12-01 DOUCETTE FIELD

**POOL DESIGNATION**

0288 218001 2010-12-01 VIKING A  
0288 218002 2001-02-01 VIKING B  
0288 218003 2005-04-01 VIKING C  
0288 218004 2005-04-01 VIKING D  
0288 218005 2008-05-01 VIKING E

0288 250001 2010-04-01 UPPER MANNVILLE A

0288 262002 2010-04-01 GRAND RAPIDS B  
0288 262003 2004-02-01 GRAND RAPIDS C  
0288 262004 2005-04-01 GRAND RAPIDS D  
0288 262005 2005-04-01 GRAND RAPIDS E  
0288 262006 2005-04-01 GRAND RAPIDS F  
0288 262007 2007-03-01 GRAND RAPIDS G

0288 280001 2010-04-01 CLEARWATER A  
0288 280008 2005-04-01 CLEARWATER H  
0288 280014 2005-04-01 CLEARWATER N  
0288 280015 2008-05-01 CLEARWATER O  
0288 280016 2008-07-01 CLEARWATER P  
0288 280017 2008-07-01 CLEARWATER Q

0288 306001 2010-04-01 WABISKAW A  
0288 306002 2001-02-01 WABISKAW B  
0288 306003 2011-08-01 WABISKAW C  
0288 306004 2010-04-01 WABISKAW D  
0288 306005 2009-07-01 WABISKAW E

**COMMINGLED PRODUCTION**

MU 7973 25 Jul 2011

**INDEX OF AER ORDERS AND APPROVALS**

**DOV**

**DOVER AREA**

**1056**

**October 2017**

**Page 1 of 1**

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**SPACING PATTERN**

SU 2296      28 Jul 1995

**FIELD DESIGNATION**

0289 2001-02-01 DOWLING LAKE FIELD

**POOL DESIGNATION**

0289 134001 2010-07-01 BASAL BELLY RIVER A

0289 218001 2005-03-01 VIKING A

0289 250001 2001-02-01 UPPER MANNVILLE A

0289 250002 2003-06-01 UPPER MANNVILLE B

0289 250003 2008-08-01 UPPER MANNVILLE C

0289 250004 2008-11-01 UPPER MANNVILLE D

0289 310001 2001-02-01 LOWER MANNVILLE A

0289 310002 2001-02-01 LOWER MANNVILLE B

0289 310003 2006-10-01 LOWER MANNVILLE C

0289 310004 2007-05-01 LOWER MANNVILLE D

0289 644001 2001-02-01 BANFF A

0289 644002 2002-04-01 BANFF B

0289 852700 2011-01-01 MFP8527 2WS

**SPACING PATTERN**

SU 2897 4 Aug 1998

SU 2897A 20 Nov 2000

SU 2897B 31 Jul 2001

SU 2897C 7 Sep 2001

SU 2897D 20 Sep 2002

SU 2897E 12 Jan 2005

SU 2897F 16 Apr 2005

**FIELD DESIGNATION**

1058 2002-07-01                      DRIFTPILE FIELD

**POOL DESIGNATION**

1058 192001 2002-10-01            DUNVEGAN A

1058 192002 2002-07-01            DUNVEGAN B

1058 758001 2001-02-01            SLAVE POINT A

1058 765501 2008-06-01            GILWOOD A

**SUBSURFACE DISPOSAL SCHEMES**

App 8951            4 Dec 2001

Class Ia

Imperial Oil Resources



**FIELD DESIGNATION**

0291 2010-05-01                      DRIFTWOOD FIELD

**POOL DESIGNATION**

0291 262001 2001-10-01            GRAND RAPIDS A  
0291 262002 2004-12-01            GRAND RAPIDS B  
0291 262003 2010-06-01            GRAND RAPIDS C

0291 270001 2007-10-01            WASECA A

0291 306001 2010-04-01            WABISKAW A  
0291 306002 2010-04-01            WABISKAW B  
0291 306003 2001-04-01            WABISKAW C  
0291 306004 2010-05-01            WABISKAW D  
0291 306005 2010-05-01            WABISKAW E

0291 328001 2001-02-01            MCMURRAY A  
0291 328002 2001-02-01            MCMURRAY B  
0291 328003 2001-04-01            MCMURRAY C  
0291 328004 2001-03-01            MCMURRAY D  
0291 328005 2001-03-01            MCMURRAY E  
0291 328006 2001-03-01            MCMURRAY F  
0291 328007 2001-03-01            MCMURRAY G  
0291 328008 2001-04-01            MCMURRAY H

**COMMINGLED PRODUCTION**

MU 2224            19 Mar 2001

**FIELD DESIGNATION**

0296 2009-02-01            DUHAMEL FIELD

**POOL DESIGNATION**

0296 106001 2006-06-01    EDMONTON A

0296 126001 2006-06-01    BELLY RIVER A

0296 126002 2011-05-01    BELLY RIVER B

0296 126003 2013-04-01    BELLY RIVER C

0296 218001 2001-02-01    VIKING A

0296 300001 2001-02-01    GLAUCONITIC A

0296 300002 2006-09-01    GLAUCONITIC B

0296 334001 2001-02-01    BASAL QUARTZ A

0296 334002 2013-07-01    BASAL QUARTZ B

0296 334003 2001-02-01    BASAL QUARTZ C

0296 334004 2001-02-01    BASAL QUARTZ D

0296 334005 2001-02-01    BASAL QUARTZ E

0296 334006 2001-02-01    BASAL QUARTZ F

0296 334007 2013-07-01    BASAL QUARTZ G

0296 334008 2001-02-01    BASAL QUARTZ H

0296 334009 2001-02-01    BASAL QUARTZ I

0296 334010 2001-02-01    BASAL QUARTZ J

0296 334011 2001-02-01    BASAL QUARTZ K

0296 334012 2001-02-01    BASAL QUARTZ L

0296 334013 2001-02-01    BASAL QUARTZ M

0296 334014 2001-02-01    BASAL QUARTZ N

0296 334015 2010-04-01    BASAL QUARTZ O

0296 334016 2010-04-01    BASAL QUARTZ P

0296 334017 2001-03-01    BASAL QUARTZ Q

0296 334018 2013-07-01    BASAL QUARTZ R

0296 334019 2002-12-01    BASAL QUARTZ S

0296 334020 2005-08-01    BASAL QUARTZ T

0296 334021 2005-11-01    BASAL QUARTZ U

**POOL DESIGNATION (cont'd)**

0296 334022	2006-10-01	BASAL QUARTZ V
0296 334023	2006-11-01	BASAL QUARTZ W
0296 334024	2007-09-01	BASAL QUARTZ X
0296 334025	2007-03-01	BASAL QUARTZ Y
0296 336001	2008-11-01	ELLERSLIE A
0296 336002	2008-11-01	ELLERSLIE B
0296 336003	2013-04-01	ELLERSLIE C
0296 658001	2001-02-01	WABAMUN A
0296 696001	2010-04-01	D-2 A
0296 720001	2015-02-01	D-3 A
0296 720002	2010-04-01	D-3 B

**SPACING PATTERN**

SU 2292	27 Jul 1995
SU 2292A	17 Dec 1996
SU 2292B	24 Sep 1997
SU 2292C	7 Sep 2005
SU 2292D	17 Nov 2006

**COMMINGLED PRODUCTION**

MU 8068      3 Oct 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 10855B   6 Jul 2015  
Class II  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

0298 2015-06-01                      DUNCAN FIELD

**POOL DESIGNATION**

0298 262001 2001-02-01            GRAND RAPIDS A  
0298 262003 2001-02-01            GRAND RAPIDS C  
0298 262005 2010-04-01            GRAND RAPIDS E  
0298 262006 2001-02-01            GRAND RAPIDS F  
0298 262007 2013-07-01            GRAND RAPIDS G  
0298 262008 2001-02-01            GRAND RAPIDS H  
0298 262010 2001-02-01            GRAND RAPIDS J  
0298 262011 2001-02-01            GRAND RAPIDS K  
0298 262012 2001-02-01            GRAND RAPIDS L  
0298 262013 2010-05-01            GRAND RAPIDS M  
0298 262014 2010-04-01            GRAND RAPIDS N  
0298 262015 2001-02-01            GRAND RAPIDS O  
0298 262016 2003-07-01            GRAND RAPIDS P  
0298 262017 2001-02-01            GRAND RAPIDS Q  
0298 262018 2001-02-01            GRAND RAPIDS R  
0298 262019 2010-06-01            GRAND RAPIDS S  
0298 262020 2010-04-01            GRAND RAPIDS T  
0298 262021 2001-02-01            GRAND RAPIDS U  
0298 262024 2001-02-01            GRAND RAPIDS X  
0298 262025 2010-04-01            GRAND RAPIDS Y  
0298 262026 2010-05-01            GRAND RAPIDS Z  
0298 262029 2001-02-01            GRAND RAPIDS CC  
0298 262030 2013-07-01            GRAND RAPIDS DD  
0298 262035 2010-05-01            GRAND RAPIDS II  
0298 262036 2001-02-01            GRAND RAPIDS JJ  
0298 262038 2001-02-01            GRAND RAPIDS LL  
0298 262039 2001-02-01            GRAND RAPIDS MM  
0298 262040 2001-03-01            GRAND RAPIDS NN  
0298 262041 2001-03-01            GRAND RAPIDS OO  
0298 262042 2001-12-01            GRAND RAPIDS PP  
0298 262043 2002-01-01            GRAND RAPIDS QQ  
0298 262044 2004-05-01            GRAND RAPIDS RR

**POOL DESIGNATION (cont'd)**

0298 262045 2010-03-01	GRAND RAPIDS SS
0298 262046 2004-06-01	GRAND RAPIDS TT
0298 262047 2012-03-01	GRAND RAPIDS UU
0298 262048 2004-07-01	GRAND RAPIDS VV
0298 262049 2005-03-01	GRAND RAPIDS WW
0298 262051 2006-02-01	GRAND RAPIDS YY
0298 262052 2012-03-01	GRAND RAPIDS ZZ
0298 262501 2007-07-01	GRAND RAPIDS AAA
0298 262502 2007-09-01	GRAND RAPIDS BBB
0298 262503 2010-05-01	GRAND RAPIDS CCC
0298 262504 2009-09-01	GRAND RAPIDS DDD
0298 262505 2010-05-01	GRAND RAPIDS EEE
0298 262506 2010-06-01	GRAND RAPIDS FFF
0298 262507 2010-06-01	GRAND RAPIDS GGG
0298 262508 2010-06-01	GRAND RAPIDS HHH
0298 262509 2013-07-01	GRAND RAPIDS III
0298 262510 2015-06-01	GRAND RAPIDS JJJ
0298 262511 2015-06-01	GRAND RAPIDS KKK
0298 262512 2015-06-01	GRAND RAPIDS LLL
0298 262513 2015-06-01	GRAND RAPIDS MMM
0298 262514 2015-06-01	GRAND RAPIDS NNN
0298 262515 2017-08-01	GRAND RAPIDS OOO
0298 280001 2001-03-01	CLEARWATER A
0298 280002 2015-06-01	CLEARWATER B
0298 280003 2015-06-01	CLEARWATER C
0298 328006 2010-09-01	MCMURRAY F
0298 328007 2002-03-01	MCMURRAY G
0298 328008 2001-02-01	MCMURRAY H
0298 328009 2001-02-01	MCMURRAY I
0298 328012 2001-02-01	MCMURRAY L
0298 328017 2001-02-01	MCMURRAY Q
0298 328018 2001-02-01	MCMURRAY R
0298 328019 2010-04-01	MCMURRAY S
0298 328020 2010-05-01	MCMURRAY T
0298 328021 2010-04-01	MCMURRAY U
0298 328022 2010-05-01	MCMURRAY V

**POOL DESIGNATION (cont'd)**

0298 328024 2001-02-01	MCMURRAY X
0298 328025 2004-05-01	MCMURRAY Y
0298 328026 2001-02-01	MCMURRAY Z
0298 328027 2003-12-01	MCMURRAY AA
0298 328029 2001-02-01	MCMURRAY CC
0298 328031 2010-09-01	MCMURRAY EE
0298 328037 2001-02-01	MCMURRAY KK
0298 328038 2001-02-01	MCMURRAY LL
0298 328039 2001-02-01	MCMURRAY MM
0298 328040 2001-02-01	MCMURRAY NN
0298 328041 2001-02-01	MCMURRAY OO
0298 328042 2001-02-01	MCMURRAY PP
0298 328043 2001-02-01	MCMURRAY QQ
0298 328044 2007-04-01	MCMURRAY RR
0298 328045 2004-01-01	MCMURRAY SS
0298 328046 2010-04-01	MCMURRAY TT
0298 328047 2005-05-01	MCMURRAY UU
0298 328048 2001-04-01	MCMURRAY VV
0298 328049 2002-10-01	MCMURRAY WW
0298 328050 2003-04-01	MCMURRAY XX
0298 328051 2010-04-01	MCMURRAY YY
0298 328052 2008-08-01	MCMURRAY ZZ
0298 328603 2003-12-01	MCMURRAY CCC
0298 328604 2004-02-01	MCMURRAY DDD
0298 328605 2004-02-01	MCMURRAY EEE
0298 328606 2004-02-01	MCMURRAY FFF
0298 328607 2004-01-01	MCMURRAY GGG
0298 328608 2005-03-01	MCMURRAY HHH
0298 328609 2004-09-01	MCMURRAY III
0298 328610 2008-08-01	MCMURRAY JJJ
0298 328611 2010-09-01	MCMURRAY KKK
0298 328612 2015-06-01	MCMURRAY LLL
0298 716002 2010-04-01	GROSMONT B
0298 716003 2015-06-01	GROSMONT C

**SPACING PATTERN**

SU 2615      16 Apr 1996

SU 2615A    10 Jan 2002

SU 2615B    24 Mar 2005

**COMMINGLED PRODUCTION**

MU 6603      19 Jun 2007

**SUBSURFACE DISPOSAL SCHEMES**

App 9593B    18 Sep 2015

Class II

Canadian Natural Resources Limited

**FIELD DESIGNATION**

0300 2014-06-01 DUNVEGAN FIELD

**POOL DESIGNATION**

0300 228001 2001-02-01 PEACE RIVER A  
0300 228002 2005-10-01 PEACE RIVER B  
0300 228004 2001-02-01 PEACE RIVER D  
0300 228005 2001-02-01 PEACE RIVER E  
0300 228006 2001-02-01 PEACE RIVER F  
0300 228007 2001-02-01 PEACE RIVER G  
0300 228008 2001-02-01 PEACE RIVER H  
0300 228009 2010-04-01 PEACE RIVER I

0300 230001 2011-12-01 PADDY A

0300 232001 2005-10-01 CADOTTE A  
0300 232002 2010-04-01 CADOTTE B  
0300 232003 2001-02-01 CADOTTE C  
0300 232004 2001-02-01 CADOTTE D  
0300 232005 2006-05-01 CADOTTE E  
0300 232006 2010-04-01 CADOTTE F  
0300 232007 2017-06-01 CADOTTE G

0300 264001 2001-02-01 SPIRIT RIVER A  
0300 264002 2001-02-01 SPIRIT RIVER B  
0300 264003 2001-02-01 SPIRIT RIVER C  
0300 264004 2001-02-01 SPIRIT RIVER D  
0300 264005 2002-12-01 SPIRIT RIVER E  
0300 264006 2003-10-01 SPIRIT RIVER F  
0300 264007 2003-10-01 SPIRIT RIVER G  
0300 264008 2008-03-01 SPIRIT RIVER H  
0300 264009 2008-10-01 SPIRIT RIVER I

0300 266001 2010-04-01 NOTIKWIN A  
0300 266002 2001-10-01 NOTIKWIN B



**POOL DESIGNATION (cont'd)**

0300 304001 2001-02-01 BLUESKY A  
0300 304002 2001-02-01 BLUESKY B  
0300 304003 2001-02-01 BLUESKY C  
0300 304004 2001-02-01 BLUESKY D  
0300 304005 2001-02-01 BLUESKY E  
0300 304006 2001-02-01 BLUESKY F  
0300 304007 2001-03-01 BLUESKY G  
0300 304008 2002-02-01 BLUESKY H  
0300 304009 2007-07-01 BLUESKY I

0300 326001 2010-04-01 GETHING A  
0300 326002 2010-04-01 GETHING B  
0300 326003 2006-06-01 GETHING C  
0300 326004 2004-09-01 GETHING D  
0300 326007 2003-08-01 GETHING G  
0300 326008 2001-02-01 GETHING H  
0300 326009 2001-02-01 GETHING I  
0300 326010 2001-02-01 GETHING J  
0300 326011 2001-02-01 GETHING K  
0300 326012 2004-01-01 GETHING L  
0300 326013 2001-02-01 GETHING M  
0300 326014 2001-02-01 GETHING N  
0300 326015 2001-03-01 GETHING O  
0300 326016 2001-02-01 GETHING P  
0300 326017 2001-04-01 GETHING Q  
0300 326018 2004-11-01 GETHING R  
0300 326019 2005-06-01 GETHING S  
0300 326020 2005-12-01 GETHING T  
0300 326021 2008-07-01 GETHING U  
0300 326022 2009-01-01 GETHING V  
0300 326023 2008-12-01 GETHING W  
0300 326024 2009-02-01 GETHING X

0300 432001 2008-07-01 ROCK CREEK A

0300 508001 2010-04-01 CHARLIE LAKE A  
0300 508002 2010-04-01 CHARLIE LAKE B  
0300 508003 2001-02-01 CHARLIE LAKE C

**POOL DESIGNATION (cont'd)**

0300 508004 2008-06-01 CHARLIE LAKE D  
0300 508005 2001-02-01 CHARLIE LAKE E  
0300 508006 2001-02-01 CHARLIE LAKE F  
0300 508007 2010-04-01 CHARLIE LAKE G  
0300 508008 2001-03-01 CHARLIE LAKE H  
0300 508009 2001-06-01 CHARLIE LAKE I  
0300 508010 2009-04-01 CHARLIE LAKE J  
0300 508011 2004-12-01 CHARLIE LAKE K  
0300 508012 2005-08-01 CHARLIE LAKE L  
0300 508014 2007-07-01 CHARLIE LAKE N  
0300 508015 2008-06-01 CHARLIE LAKE O

0300 524001 2010-04-01 MONTNEY A  
0300 524002 2001-02-01 MONTNEY B  
0300 524004 2001-03-01 MONTNEY D  
0300 524005 2010-04-01 MONTNEY E  
0300 524006 2011-08-01 MONTNEY F  
0300 524007 2004-03-01 MONTNEY G  
0300 524008 2004-02-01 MONTNEY H  
0300 524009 2004-11-01 MONTNEY I  
0300 524010 2005-03-01 MONTNEY J  
0300 524011 2006-03-01 MONTNEY K  
0300 524012 2007-07-01 MONTNEY L  
0300 524013 2008-06-01 MONTNEY M  
0300 524014 2012-07-01 MONTNEY N  
0300 524015 2012-07-01 MONTNEY O

0300 556001 2001-03-01 BELLOY A

0300 606001 2001-02-01 KISKATINAW A  
0300 606002 2001-02-01 KISKATINAW B  
0300 606003 2010-04-01 KISKATINAW C  
0300 606004 2001-12-01 KISKATINAW D  
0300 606005 2003-02-01 KISKATINAW E  
0300 606006 2004-09-01 KISKATINAW F  
0300 606007 2007-12-01 KISKATINAW G

0300 612001 2012-11-01 DEBOLT A

**POOL DESIGNATION (cont'd)**

0300 612002 2010-04-01	DEBOLT B
0300 612003 2011-08-01	DEBOLT C
0300 612004 2011-05-01	DEBOLT D
0300 612008 2010-04-01	DEBOLT H
0300 612010 2001-02-01	DEBOLT J
0300 612011 2001-02-01	DEBOLT K
0300 612012 2001-02-01	DEBOLT L
0300 612015 2010-04-01	DEBOLT O
0300 612017 2003-09-01	DEBOLT Q
0300 612018 2001-02-01	DEBOLT R
0300 612019 2006-09-01	DEBOLT S
0300 612020 2001-02-01	DEBOLT T
0300 612021 2010-04-01	DEBOLT U
0300 612024 2001-02-01	DEBOLT X
0300 612025 2001-02-01	DEBOLT Y
0300 612027 2002-07-01	DEBOLT AA
0300 612028 2010-04-01	DEBOLT BB
0300 612029 2001-03-01	DEBOLT CC
0300 612030 2001-02-01	DEBOLT DD
0300 612031 2001-02-01	DEBOLT EE
0300 612032 2001-02-01	DEBOLT FF
0300 612033 2010-04-01	DEBOLT GG
0300 612034 2001-02-01	DEBOLT HH
0300 612036 2010-04-01	DEBOLT JJ
0300 612037 2008-01-01	DEBOLT KK
0300 612042 2009-04-01	DEBOLT PP
0300 612043 2002-01-01	DEBOLT QQ
0300 612045 2005-05-01	DEBOLT SS
0300 612046 2010-04-01	DEBOLT TT
0300 612047 2009-02-01	DEBOLT UU
0300 612049 2007-07-01	DEBOLT WW
0300 612050 2013-07-01	DEBOLT XX
0300 612051 2012-01-01	DEBOLT YY
0300 612052 2013-07-01	DEBOLT ZZ
0300 612101 2009-03-01	DEBOLT AAA
0300 612102 2009-05-01	DEBOLT BBB
0300 612103 2009-08-01	DEBOLT CCC
0300 612104 2009-06-01	DEBOLT DDD

**POOL DESIGNATION (cont'd)**

0300 612105 2009-06-01	DEBOLT EEE
0300 612106 2011-06-01	DEBOLT FFF
0300 612107 2011-06-01	DEBOLT GGG
0300 612108 2011-12-01	DEBOLT HHH
0300 612109 2012-01-01	DEBOLT III
0300 612110 2012-11-01	DEBOLT JJJ
0300 638001 2001-02-01	ELKTON A
0300 638002 2001-02-01	ELKTON B
0300 638003 2010-04-01	ELKTON C
0300 638004 2011-09-01	ELKTON D
0300 640001 2008-07-01	SHUNDA A

**SPACING PATTERN**

SU 2638	7 May 1996
SU 2638A	12 Nov 1996
SU 2638B	4 Mar 1999
SU 2638C	15 Sep 1999
SU 2638D	6 Oct 1999
SU 2638E	22 Dec 2003

**COMMINGLED PRODUCTION**

MU 8347	23 May 2012
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**GAS STORAGE SCHEMES**

App 6530C  
Gething B  
Canadian Natural Resources Limited

**ENHANCED RECOVERY SCHEMES**

App 8395C 2 Jun 2016  
Waterflood  
Debolt BB  
Canadian Natural Resources Limited

**SUBSURFACE DISPOSAL SCHEMES**

App 7160B 15 Jul 2014  
Class Ib  
Canadian Natural Resources Limited

App 7870B 15 Jul 2014  
Class III Acid Gas  
Canadian Natural Resources Limited  
Class II  
Artek Exploration Ltd.

App 12370C 15 Mar 2017  
Class II & Ib  
Kelt Exploration Ltd.

**FIELD DESIGNATION**

0305 2011-04-01                      DUVERNAY FIELD

**POOL DESIGNATION**

0305 218001 2001-03-01            VIKING A  
0305 218003 2001-02-01            VIKING C  
0305 218006 2001-02-01            VIKING F  
0305 218007 2001-02-01            VIKING G  
0305 218009 2010-04-01            VIKING I  
0305 218011 2001-02-01            VIKING K  
0305 218012 2010-04-01            VIKING L  
0305 218013 2010-04-01            VIKING M  
0305 218014 2001-02-01            VIKING N  
0305 218015 2001-02-01            VIKING O  
0305 218017 2001-02-01            VIKING Q  
0305 218018 2001-02-01            VIKING R  
0305 218019 2001-02-01            VIKING S  
0305 218020 2010-04-01            VIKING T  
0305 218021 2010-04-01            VIKING U  
0305 218022 2010-04-01            VIKING V  
0305 218023 2010-05-01            VIKING W  
0305 218024 2010-04-01            VIKING X  
0305 218025 2001-03-01            VIKING Y  
0305 218026 2001-03-01            VIKING Z  
0305 218027 2001-03-01            VIKING AA  
0305 218028 2001-03-01            VIKING BB  
0305 218029 2001-03-01            VIKING CC  
0305 218030 2001-03-01            VIKING DD  
0305 218031 2001-03-01            VIKING EE  
0305 218032 2011-04-01            VIKING FF  
0305 218033 2001-03-01            VIKING GG  
0305 218034 2005-08-01            VIKING HH  
0305 218035 2011-05-01            VIKING II  
0305 218036 2006-02-01            VIKING JJ  
0305 218037 2005-12-01            VIKING KK  
0305 218038 2006-04-01            VIKING LL

**POOL DESIGNATION (cont'd)**

0305 218039 2007-01-01	VIKING MM
0305 218040 2008-10-01	VIKING NN
0305 218041 2009-10-01	VIKING OO
0305 218042 2011-02-01	VIKING PP
0305 218043 2011-02-01	VIKING QQ
0305 218044 2011-06-01	VIKING RR
0305 218045 2012-02-01	VIKING SS
0305 218046 2012-02-01	VIKING TT
0305 250002 2008-02-01	UPPER MANNVILLE B
0305 250003 2008-02-01	UPPER MANNVILLE C
0305 250004 2011-08-01	UPPER MANNVILLE D
0305 250005 2010-04-01	UPPER MANNVILLE E
0305 250006 2010-01-01	UPPER MANNVILLE F
0305 250007 2011-04-01	UPPER MANNVILLE G
0305 250008 2011-04-01	UPPER MANNVILLE H
0305 256001 2010-04-01	COLONY A
0305 256002 2007-05-01	COLONY B
0305 256003 2001-02-01	COLONY C
0305 256004 2001-02-01	COLONY D
0305 256005 2001-02-01	COLONY E
0305 256007 2007-08-01	COLONY G
0305 256010 2010-04-01	COLONY J
0305 256012 2001-02-01	COLONY L
0305 256013 2001-02-01	COLONY M
0305 256014 2001-02-01	COLONY N
0305 256015 2010-04-01	COLONY O
0305 256016 2001-02-01	COLONY P
0305 256017 2010-04-01	COLONY Q
0305 256019 2001-02-01	COLONY S
0305 256020 2001-02-01	COLONY T
0305 256021 2001-02-01	COLONY U
0305 256022 2001-02-01	COLONY V
0305 256023 2001-02-01	COLONY W
0305 256024 2009-07-01	COLONY X
0305 256025 2001-02-01	COLONY Y
0305 256026 2005-08-01	COLONY Z

**POOL DESIGNATION (cont'd)**

0305 256027 2006-12-01	COLONY AA
0305 256029 2001-02-01	COLONY CC
0305 256030 2001-02-01	COLONY DD
0305 256031 2001-02-01	COLONY EE
0305 256032 2001-02-01	COLONY FF
0305 256033 2001-02-01	COLONY GG
0305 256034 2006-12-01	COLONY HH
0305 256035 2008-03-01	COLONY II
0305 256037 2001-02-01	COLONY KK
0305 256038 2001-02-01	COLONY LL
0305 256039 2011-01-01	COLONY MM
0305 256040 2001-02-01	COLONY NN
0305 256043 2010-04-01	COLONY QQ
0305 256044 2001-02-01	COLONY RR
0305 256046 2001-02-01	COLONY TT
0305 256048 2003-04-01	COLONY VV
0305 256049 2001-02-01	COLONY WW
0305 256050 2001-02-01	COLONY XX
0305 256051 2001-02-01	COLONY YY
0305 256052 2001-02-01	COLONY ZZ
0305 256401 2001-02-01	COLONY AAA
0305 256402 2001-02-01	COLONY BBB
0305 256403 2005-04-01	COLONY CCC
0305 256405 2010-04-01	COLONY EEE
0305 256406 2001-02-01	COLONY FFF
0305 256407 2001-12-01	COLONY GGG
0305 256408 2001-02-01	COLONY HHH
0305 256409 2010-04-01	COLONY III
0305 256410 2001-02-01	COLONY JJJ
0305 256411 2001-02-01	COLONY KKK
0305 256412 2001-02-01	COLONY LLL
0305 256413 2001-02-01	COLONY MMM
0305 256414 2001-02-01	COLONY NNN
0305 256415 2001-02-01	COLONY OOO
0305 256417 2001-02-01	COLONY QQQ
0305 256418 2001-02-01	COLONY RRR
0305 256419 2006-08-01	COLONY SSS
0305 256420 2001-07-01	COLONY TTT

**POOL DESIGNATION (cont'd)**

0305 256421	2001-03-01	COLONY UUU
0305 256422	2010-04-01	COLONY VVV
0305 256423	2001-03-01	COLONY WWW
0305 256424	2001-03-01	COLONY XXX
0305 256427	2001-03-01	COLONY A2A
0305 256429	2001-12-01	COLONY C2C
0305 256430	2010-09-01	COLONY D2D
0305 256431	2003-12-01	COLONY E2E
0305 256432	2004-06-01	COLONY F2F
0305 256433	2006-03-01	COLONY G2G
0305 256434	2006-03-01	COLONY H2H
0305 256435	2006-03-01	COLONY I2I
0305 256436	2006-05-01	COLONY J2J
0305 256437	2006-07-01	COLONY K2K
0305 256438	2006-10-01	COLONY L2L
0305 256440	2007-02-01	COLONY N2N
0305 256441	2007-07-01	COLONY O2O
0305 256442	2007-07-01	COLONY P2P
0305 256443	2007-07-01	COLONY Q2Q
0305 256444	2007-09-01	COLONY R2R
0305 256445	2011-01-01	COLONY S2S
0305 256446	2008-02-01	COLONY T2T
0305 256447	2008-04-01	COLONY U2U
0305 256448	2013-09-01	COLONY V2V
0305 256449	2013-09-01	COLONY W2W
0305 256450	2010-10-01	COLONY X2X
0305 256451	2011-04-01	COLONY Y2Y
0305 256452	2011-05-01	COLONY Z2Z
0305 258701	2011-10-01	COLONY A3A
0305 262001	2001-02-01	GRAND RAPIDS A
0305 262003	2001-02-01	GRAND RAPIDS C
0305 262004	2001-02-01	GRAND RAPIDS D
0305 262006	2001-02-01	GRAND RAPIDS F
0305 262007	2001-02-01	GRAND RAPIDS G
0305 262008	2001-02-01	GRAND RAPIDS H
0305 262009	2001-02-01	GRAND RAPIDS I
0305 262010	2001-02-01	GRAND RAPIDS J



**POOL DESIGNATION (cont'd)**

0305 262011	2001-02-01	GRAND RAPIDS K
0305 262013	2001-02-01	GRAND RAPIDS M
0305 262014	2001-02-01	GRAND RAPIDS N
0305 262015	2001-02-01	GRAND RAPIDS O
0305 262016	2004-01-01	GRAND RAPIDS P
0305 262017	2001-02-01	GRAND RAPIDS Q
0305 262018	2001-02-01	GRAND RAPIDS R
0305 262019	2001-02-01	GRAND RAPIDS S
0305 262020	2001-03-01	GRAND RAPIDS T
0305 262021	2004-04-01	GRAND RAPIDS U
0305 262022	2007-07-01	GRAND RAPIDS V
0305 262023	2011-02-01	GRAND RAPIDS W
0305 262024	2011-02-01	GRAND RAPIDS X
0305 262025	2011-04-01	GRAND RAPIDS Y
0305 262026	2011-04-01	GRAND RAPIDS Z
0305 268001	2002-02-01	MCLAREN A
0305 268002	2003-02-01	MCLAREN B
0305 270001	2017-02-01	WASECA A
0305 270002	2006-10-01	WASECA B
0305 270004	2007-07-01	WASECA D
0305 270005	2015-03-01	WASECA E
0305 270006	2008-03-01	WASECA F
0305 276001	2001-02-01	SPARKY A
0305 276002	2006-12-01	SPARKY B
0305 276003	2001-02-01	SPARKY C
0305 276004	2001-02-01	SPARKY D
0305 276005	2001-02-01	SPARKY E
0305 276006	2013-07-01	SPARKY F
0305 276007	2001-02-01	SPARKY G
0305 276008	2001-03-01	SPARKY H
0305 276009	2007-10-01	SPARKY I
0305 276010	2013-09-01	SPARKY J
0305 276011	2006-07-01	SPARKY K
0305 276012	2006-12-01	SPARKY L
0305 276013	2007-07-01	SPARKY M

**POOL DESIGNATION (cont'd)**

0305 276014 2007-07-01	SPARKY N
0305 276015 2008-02-01	SPARKY O
0305 276016 2008-02-01	SPARKY P
0305 276017 2010-02-01	SPARKY Q
0305 276018 2010-02-01	SPARKY R
0305 276019 2010-04-01	SPARKY S
0305 276020 2011-02-01	SPARKY T
0305 276021 2012-04-01	SPARKY U
0305 280002 2001-02-01	CLEARWATER B
0305 280003 2010-04-01	CLEARWATER C
0305 280004 2007-12-01	CLEARWATER D
0305 288002 2007-10-01	REX B
0305 306001 2010-04-01	WABISKAW A
0305 306002 2010-04-01	WABISKAW B
0305 306003 2001-02-01	WABISKAW C
0305 306005 2001-02-01	WABISKAW E
0305 306007 2010-04-01	WABISKAW G
0305 306008 2001-02-01	WABISKAW H
0305 306009 2010-04-01	WABISKAW I
0305 306010 2001-02-01	WABISKAW J
0305 306011 2001-02-01	WABISKAW K
0305 306013 2001-02-01	WABISKAW M
0305 306014 2001-02-01	WABISKAW N
0305 306015 2017-02-01	WABISKAW O
0305 306016 2001-02-01	WABISKAW P
0305 306017 2001-03-01	WABISKAW Q
0305 306018 2003-11-01	WABISKAW R
0305 306019 2008-03-01	WABISKAW S
0305 306020 2010-08-01	WABISKAW T
0305 328001 2001-02-01	MCMURRAY A
0305 328003 2001-02-01	MCMURRAY C
0305 328004 2008-12-01	MCMURRAY D
0305 328005 2007-12-01	MCMURRAY E
0305 328006 2011-04-01	MCMURRAY F

**SPACING PATTERN**

SU 2637      22 Feb 1996

**COMMINGLED PRODUCTION**

MU 7916      9 Jun 2011

**FIELD DESIGNATION**

0307 2001-06-01                      DYBERG FIELD

**POOL DESIGNATION**

0307 126001 2002-07-01            BELLY RIVER A

0307 250001 2009-03-01            UPPER MANNVILLE A

0307 336001 2001-02-01            ELLERSLIE A

0307 336002 2001-02-01            ELLERSLIE B

0307 336003 2010-04-01            ELLERSLIE C

0307 336004 2006-05-01            ELLERSLIE D

0307 336005 2001-03-01            ELLERSLIE E

0307 336006 2001-06-01            ELLERSLIE F

0307 336007 2005-11-01            ELLERSLIE G

0307 336008 2007-07-01            ELLERSLIE H

0307 336009 2013-05-01            ELLERSLIE I

**SPACING PATTERN**

SU 4203            16 Jul 2004

SU 4203A          7 Sep 2005