

**FIELD DESIGNATION**

1125 2010-04-01                      KAHNTAH FIELD

**POOL DESIGNATION**

1125 304001 2001-12-01              BLUESKY A

**FIELD DESIGNATION**

0323 2011-02-01 KAKUT FIELD

**POOL DESIGNATION**

0323 304001 2010-02-01 BLUESKY A

0323 326001 2001-02-01 GETHING A

0323 326002 2009-05-01 GETHING B

0323 326003 2011-09-01 GETHING C

0323 326004 2006-07-01 GETHING D

0323 326005 2009-08-01 GETHING E

0323 326006 2009-10-01 GETHING F

0323 326007 2010-04-01 GETHING G

0323 326008 2010-04-01 GETHING H

0323 348001 2001-02-01 CADOMIN A

0323 348002 2008-12-01 CADOMIN B

0323 508001 2001-02-01 CHARLIE LAKE A

0323 508002 2010-04-01 CHARLIE LAKE B

0323 508003 2006-07-01 CHARLIE LAKE C

0323 520002 2012-12-01 DOIG B

0323 520005 2011-01-01 DOIG E

0323 520006 2010-07-01 DOIG F

0323 520007 2010-07-01 DOIG G

0323 520008 2011-10-01 DOIG H

0323 524001 2009-04-01 MONTNEY A

0323 524002 2009-08-01 MONTNEY B

0323 606001 2001-02-01 KISKATINAW A

0323 644001 2010-04-01 BANFF A

0323 644003 2005-07-01 BANFF C

0323 644007 2005-07-01 BANFF G

**POOL DESIGNATION (cont'd)**

|             |            |         |
|-------------|------------|---------|
| 0323 644008 | 2006-07-01 | BANFF H |
| 0323 644009 | 2005-08-01 | BANFF I |
| 0323 644010 | 2011-12-01 | BANFF J |
| 0323 644011 | 2006-10-01 | BANFF K |
| 0323 644012 | 2013-04-01 | BANFF L |

**COMMINGLED PRODUCTION**

MU 5827      18 Jul 2006

**SUBSURFACE DISPOSAL SCHEMES**

App 12049    21 Mar 2013  
Class II  
Long Run Exploration Ltd.

**FIELD DESIGNATION**

0519 2017-02-01 KAKWA FIELD

**POOL DESIGNATION**

0519 106001 2015-08-01 EDMONTON A

0519 126001 2015-08-01 BELLY RIVER A

0519 126002 2015-08-01 BELLY RIVER B

0519 126003 2015-08-01 BELLY RIVER C

0519 126004 2015-08-01 BELLY RIVER D

0519 126005 2015-08-01 BELLY RIVER E

0519 126006 2015-09-01 BELLY RIVER F

0519 126007 2015-09-01 BELLY RIVER G

0519 154001 2013-01-01 CHINOOK A

0519 154002 2015-08-01 CHINOOK B

0519 154003 2015-08-01 CHINOOK C

0519 154008 2015-08-01 CHINOOK H

0519 154011 2015-08-01 CHINOOK K

0519 154012 2015-08-01 CHINOOK L

0519 154013 2015-08-01 CHINOOK M

0519 154014 2015-09-01 CHINOOK N

0519 154015 2015-08-01 CHINOOK O

0519 154017 2015-09-01 CHINOOK Q

0519 154018 2015-09-01 CHINOOK R

0519 154019 2015-09-01 CHINOOK S

0519 154020 2015-09-01 CHINOOK T

0519 154021 2015-09-01 CHINOOK U

0519 154022 2015-09-01 CHINOOK V

0519 154023 2015-09-01 CHINOOK W

0519 166001 2011-07-01 BADHEART A

0519 166003 2015-08-01 BADHEART C

0519 175001 2012-07-01 MAIN CARDIUM A

0519 175005 2001-03-01 MAIN CARDIUM E

**POOL DESIGNATION (cont'd)**

|                        |                 |
|------------------------|-----------------|
| 0519 175006 2012-04-01 | MAIN CARDIUM F  |
| 0519 175007 2013-10-01 | MAIN CARDIUM G  |
| 0519 175008 2012-08-01 | MAIN CARDIUM H  |
| 0519 175009 2013-03-01 | MAIN CARDIUM I  |
| 0519 175010 2006-05-01 | MAIN CARDIUM J  |
| 0519 175011 2012-04-01 | MAIN CARDIUM K  |
| 0519 175012 2009-10-01 | MAIN CARDIUM L  |
| 0519 175013 2010-04-01 | MAIN CARDIUM M  |
| 0519 175015 2010-04-01 | MAIN CARDIUM O  |
| 0519 175016 2007-07-01 | MAIN CARDIUM P  |
| 0519 175017 2007-05-01 | MAIN CARDIUM Q  |
| 0519 175018 2007-05-01 | MAIN CARDIUM R  |
| 0519 175019 2007-10-01 | MAIN CARDIUM S  |
| 0519 175020 2013-08-01 | MAIN CARDIUM T  |
| 0519 175026 2009-10-01 | MAIN CARDIUM Z  |
| 0519 175028 2013-03-01 | MAIN CARDIUM BB |
| 0519 175030 2011-09-01 | MAIN CARDIUM DD |
| 0519 175031 2009-03-01 | MAIN CARDIUM EE |
| 0519 175032 2009-05-01 | MAIN CARDIUM FF |
| 0519 175036 2011-12-01 | MAIN CARDIUM JJ |
| 0519 175038 2009-07-01 | MAIN CARDIUM LL |
| 0519 175039 2009-07-01 | MAIN CARDIUM MM |
| 0519 175040 2010-04-01 | MAIN CARDIUM NN |
| 0519 175041 2013-01-01 | MAIN CARDIUM OO |
| 0519 175043 2009-10-01 | MAIN CARDIUM QQ |
| 0519 175047 2011-12-01 | MAIN CARDIUM UU |
| 0519 175048 2011-01-01 | MAIN CARDIUM VV |
| 0519 175049 2011-02-01 | MAIN CARDIUM WW |
| 0519 175050 2011-12-01 | MAIN CARDIUM XX |
| 0519 175051 2011-02-01 | MAIN CARDIUM YY |
| <br>                   |                 |
| 0519 175101 2011-01-01 | A CARDIUM A     |
| <br>                   |                 |
| 0519 175301 2010-04-01 | C CARDIUM A     |
| 0519 175302 2010-04-01 | C CARDIUM B     |
| 0519 175303 2001-02-01 | C CARDIUM C     |
| 0519 175304 2001-02-01 | C CARDIUM D     |
| 0519 175306 2013-02-01 | C CARDIUM F     |

**POOL DESIGNATION (cont'd)**

|                        |                  |
|------------------------|------------------|
| 0519 175401 2013-10-01 | MAIN CARDIUM AAA |
| 0519 175402 2013-01-01 | MAIN CARDIUM BBB |
| 0519 175403 2011-09-01 | MAIN CARDIUM CCC |
| 0519 175404 2011-12-01 | MAIN CARDIUM DDD |
| 0519 175405 2012-07-01 | MAIN CARDIUM EEE |
| 0519 175407 2012-01-01 | MAIN CARDIUM GGG |
| 0519 175408 2012-05-01 | MAIN CARDIUM HHH |
| 0519 175409 2012-08-01 | MAIN CARDIUM III |
| 0519 175410 2012-08-01 | MAIN CARDIUM JJJ |
| 0519 175411 2013-03-01 | MAIN CARDIUM KKK |
| 0519 175412 2012-11-01 | MAIN CARDIUM LLL |
| 0519 175413 2013-01-01 | MAIN CARDIUM MMM |
| 0519 175414 2013-01-01 | MAIN CARDIUM NNN |
| 0519 175415 2013-02-01 | MAIN CARDIUM OOO |
| 0519 175416 2013-02-01 | MAIN CARDIUM PPP |
| 0519 175417 2015-10-01 | MAIN CARDIUM QQQ |
| 0519 175418 2015-10-01 | MAIN CARDIUM RRR |
| 0519 175419 2015-10-01 | MAIN CARDIUM SSS |
| 0519 175420 2015-10-01 | MAIN CARDIUM TTT |
| 0519 175421 2015-10-01 | MAIN CARDIUM UUU |
| 0519 175422 2015-10-01 | MAIN CARDIUM VVV |
| 0519 175423 2015-10-01 | MAIN CARDIUM WWW |
| 0519 175424 2015-10-01 | MAIN CARDIUM XXX |
| 0519 175425 2015-09-01 | MAIN CARDIUM YYY |
| 0519 175426 2015-10-01 | MAIN CARDIUM ZZZ |
| 0519 175427 2015-09-01 | MAIN CARDIUM A2A |
| 0519 175428 2015-10-01 | MAIN CARDIUM B2B |
| 0519 175429 2015-09-01 | MAIN CARDIUM C2C |
| 0519 175430 2015-09-01 | MAIN CARDIUM D2D |
| 0519 175431 2015-09-01 | MAIN CARDIUM E2E |
| 0519 175432 2015-09-01 | MAIN CARDIUM F2F |
| 0519 175433 2015-09-01 | MAIN CARDIUM G2G |
| 0519 190001 2012-12-01 | DOE CREEK A      |
| 0519 190002 2012-12-01 | DOE CREEK B      |
| 0519 190003 2013-02-01 | DOE CREEK C      |
| 0519 192002 2001-02-01 | DUNVEGAN B       |

**POOL DESIGNATION (cont'd)**

|                        |              |
|------------------------|--------------|
| 0519 192003 2001-08-01 | DUNVEGAN C   |
| 0519 192005 2012-08-01 | DUNVEGAN E   |
| 0519 192007 2003-04-01 | DUNVEGAN G   |
| 0519 192010 2004-12-01 | DUNVEGAN J   |
| 0519 192014 2010-10-01 | DUNVEGAN N   |
| 0519 192015 2010-04-01 | DUNVEGAN O   |
| 0519 192018 2009-10-01 | DUNVEGAN R   |
| 0519 192021 2010-04-01 | DUNVEGAN U   |
| 0519 192022 2010-04-01 | DUNVEGAN V   |
| 0519 192024 2010-04-01 | DUNVEGAN X   |
| 0519 192027 2009-12-01 | DUNVEGAN AA  |
| 0519 192028 2013-01-01 | DUNVEGAN BB  |
| 0519 192029 2015-06-01 | DUNVEGAN CC  |
| 0519 192032 2011-02-01 | DUNVEGAN FF  |
| 0519 192033 2011-04-01 | DUNVEGAN GG  |
| 0519 192034 2013-01-01 | DUNVEGAN HH  |
| 0519 192035 2011-12-01 | DUNVEGAN II  |
| 0519 192037 2013-01-01 | DUNVEGAN KK  |
| 0519 192038 2012-07-01 | DUNVEGAN LL  |
| 0519 192041 2013-04-01 | DUNVEGAN OO  |
| 0519 192042 2012-08-01 | DUNVEGAN PP  |
| 0519 192043 2013-06-01 | DUNVEGAN QQ  |
| 0519 192044 2014-05-01 | DUNVEGAN RR  |
| 0519 192045 2014-05-01 | DUNVEGAN SS  |
| 0519 192046 2014-05-01 | DUNVEGAN TT  |
| 0519 192047 2014-05-01 | DUNVEGAN UU  |
| 0519 192048 2014-05-01 | DUNVEGAN VV  |
| 0519 192049 2014-05-01 | DUNVEGAN WW  |
| 0519 192050 2014-05-01 | DUNVEGAN XX  |
| 0519 192051 2014-05-01 | DUNVEGAN YY  |
| 0519 192052 2014-05-01 | DUNVEGAN ZZ  |
| 0519 195801 2014-05-01 | DUNVEGAN AAA |
| 0519 195802 2015-08-01 | DUNVEGAN BBB |
| 0519 195803 2014-05-01 | DUNVEGAN CCC |
| 0519 195804 2014-05-01 | DUNVEGAN DDD |
| 0519 195805 2015-08-01 | DUNVEGAN EEE |
| 0519 195806 2015-08-01 | DUNVEGAN FFF |
| 0519 195807 2015-08-01 | DUNVEGAN GGG |

**POOL DESIGNATION (cont'd)**

|                        |              |
|------------------------|--------------|
| 0519 195808 2015-08-01 | DUNVEGAN HHH |
| 0519 195809 2015-09-01 | DUNVEGAN III |
| 0519 195810 2015-09-01 | DUNVEGAN JJJ |
| 0519 195811 2015-09-01 | DUNVEGAN KKK |
| 0519 195812 2015-09-01 | DUNVEGAN LLL |
| 0519 195813 2015-10-01 | DUNVEGAN MMM |
| 0519 195814 2015-10-01 | DUNVEGAN NNN |
| 0519 195815 2016-05-01 | DUNVEGAN OOO |
| 0519 195816 2017-02-01 | DUNVEGAN PPP |
|                        |              |
| 0519 230001 2007-08-01 | PADDY A      |
| 0519 230002 2012-09-01 | PADDY B      |
| 0519 230003 2013-02-01 | PADDY C      |
| 0519 230004 2013-02-01 | PADDY D      |
| 0519 230005 2013-09-01 | PADDY E      |
| 0519 230006 2013-12-01 | PADDY F      |
| 0519 230007 2015-08-01 | PADDY G      |
| 0519 230008 2015-09-01 | PADDY H      |
| 0519 230009 2015-09-01 | PADDY I      |
| 0519 230010 2015-09-01 | PADDY J      |
| 0519 230011 2015-09-01 | PADDY K      |
| 0519 230012 2015-09-01 | PADDY L      |
| 0519 230013 2015-09-01 | PADDY M      |
| 0519 230014 2015-09-01 | PADDY N      |
|                        |              |
| 0519 232001 2001-02-01 | CADOTTE A    |
| 0519 232003 2010-04-01 | CADOTTE C    |
| 0519 232004 2010-10-01 | CADOTTE D    |
| 0519 232005 2010-04-01 | CADOTTE E    |
| 0519 232007 2013-09-01 | CADOTTE G    |
| 0519 232008 2011-09-01 | CADOTTE H    |
| 0519 232013 2010-04-01 | CADOTTE M    |
| 0519 232015 2010-02-01 | CADOTTE O    |
| 0519 232017 2010-04-01 | CADOTTE Q    |
| 0519 232020 2010-04-01 | CADOTTE T    |
| 0519 232021 2010-04-01 | CADOTTE U    |
| 0519 232024 2010-04-01 | CADOTTE X    |
| 0519 232038 2013-01-01 | CADOTTE LL   |

**POOL DESIGNATION (cont'd)**

|                        |                   |
|------------------------|-------------------|
| 0519 232039 2013-02-01 | CADOTTE MM        |
| 0519 232042 2009-12-01 | CADOTTE PP        |
| 0519 232043 2010-03-01 | CADOTTE QQ        |
| 0519 232046 2013-09-01 | CADOTTE TT        |
| 0519 232047 2011-02-01 | CADOTTE UU        |
| 0519 232048 2011-04-01 | CADOTTE VV        |
| 0519 232051 2011-07-01 | CADOTTE YY        |
| 0519 232052 2013-01-01 | CADOTTE ZZ        |
| 0519 233201 2011-10-01 | CADOTTE AAA       |
| 0519 233202 2011-11-01 | CADOTTE BBB       |
| 0519 233203 2011-11-01 | CADOTTE CCC       |
| 0519 233204 2011-12-01 | CADOTTE DDD       |
| 0519 233205 2012-07-01 | CADOTTE EEE       |
| 0519 233207 2013-04-01 | CADOTTE GGG       |
| 0519 233208 2012-08-01 | CADOTTE HHH       |
| 0519 233209 2013-06-01 | CADOTTE III       |
| 0519 233210 2014-05-01 | CADOTTE JJJ       |
| 0519 233211 2014-05-01 | CADOTTE KKK       |
| 0519 233212 2015-08-01 | CADOTTE LLL       |
| 0519 233213 2015-08-01 | CADOTTE MMM       |
| 0519 233214 2015-08-01 | CADOTTE NNN       |
| 0519 233215 2015-08-01 | CADOTTE OOO       |
| 0519 233216 2015-08-01 | CADOTTE PPP       |
| 0519 233217 2015-09-01 | CADOTTE QQQ       |
| 0519 233218 2015-09-01 | CADOTTE RRR       |
| 0519 233219 2015-09-01 | CADOTTE SSS       |
| 0519 233220 2015-09-01 | CADOTTE TTT       |
| 0519 233221 2015-09-01 | CADOTTE UUU       |
| 0519 233222 2015-09-01 | CADOTTE VVV       |
| 0519 233223 2015-09-01 | CADOTTE WWW       |
| 0519 233224 2015-09-01 | CADOTTE XXX       |
| 0519 233225 2015-09-01 | CADOTTE YYY       |
| 0519 233226 2015-09-01 | CADOTTE ZZZ       |
| 0519 233227 2015-09-01 | CADOTTE A2A       |
| 0519 233228 2015-09-01 | CADOTTE B2B       |
| 0519 233229 2016-05-01 | CADOTTE C2C       |
| 0519 250001 2016-02-01 | UPPER MANNVILLE A |

**POOL DESIGNATION (cont'd)**

|                        |                   |
|------------------------|-------------------|
| 0519 250002 2016-02-01 | UPPER MANNVILLE B |
| 0519 250003 2016-02-01 | UPPER MANNVILLE C |
| 0519 264004 2010-11-01 | SPIRIT RIVER D    |
| 0519 264007 2014-05-01 | SPIRIT RIVER G    |
| 0519 266002 2010-04-01 | NOTIKEWIN B       |
| 0519 266004 2010-04-01 | NOTIKEWIN D       |
| 0519 266008 2013-03-01 | NOTIKEWIN H       |
| 0519 266012 2010-10-01 | NOTIKEWIN L       |
| 0519 266013 2010-10-01 | NOTIKEWIN M       |
| 0519 266014 2013-04-01 | NOTIKEWIN N       |
| 0519 266015 2012-12-01 | NOTIKEWIN O       |
| 0519 266016 2013-06-01 | NOTIKEWIN P       |
| 0519 266017 2013-06-01 | NOTIKEWIN Q       |
| 0519 266018 2014-07-01 | NOTIKEWIN R       |
| 0519 266019 2014-07-01 | NOTIKEWIN S       |
| 0519 266020 2015-09-01 | NOTIKEWIN T       |
| 0519 266021 2015-09-01 | NOTIKEWIN U       |
| 0519 266022 2015-09-01 | NOTIKEWIN V       |
| 0519 266023 2015-09-01 | NOTIKEWIN W       |
| 0519 266024 2015-09-01 | NOTIKEWIN X       |
| 0519 271504 2016-01-01 | FALHER D          |
| 0519 271510 2015-12-01 | FALHER J          |
| 0519 271542 2007-12-01 | FALHER PP         |
| 0519 273911 2011-10-01 | FALHER KKK        |
| 0519 273929 2012-09-01 | FALHER C2C        |
| 0519 273934 2011-07-01 | FALHER H2H        |
| 0519 273937 2013-04-01 | FALHER K2K        |
| 0519 273938 2016-04-01 | FALHER L2L        |
| 0519 273939 2014-02-01 | FALHER M2M        |
| 0519 273940 2014-05-01 | FALHER N2N        |
| 0519 273941 2014-05-01 | FALHER O2O        |
| 0519 273943 2014-05-01 | FALHER Q2Q        |
| 0519 273944 2016-02-01 | FALHER R2R        |
| 0519 273945 2015-08-01 | FALHER S2S        |
| 0519 273946 2016-01-01 | FALHER T2T        |

**POOL DESIGNATION (cont'd)**

|                        |            |
|------------------------|------------|
| 0519 273947 2015-08-01 | FALHER U2U |
| 0519 273948 2015-08-01 | FALHER V2V |
| 0519 273949 2015-08-01 | FALHER W2W |
| 0519 273950 2015-08-01 | FALHER X2X |
| 0519 273952 2015-08-01 | FALHER Z2Z |
| 0519 274101 2015-08-01 | FALHER A3A |
| 0519 274102 2015-08-01 | FALHER B3B |
| 0519 274103 2015-09-01 | FALHER C3C |
| 0519 274104 2015-09-01 | FALHER D3D |
| 0519 274105 2015-09-01 | FALHER E3E |
| 0519 274106 2015-09-01 | FALHER F3F |
| 0519 274107 2015-09-01 | FALHER G3G |
| 0519 274108 2015-09-01 | FALHER H3H |
| 0519 274109 2015-09-01 | FALHER I3I |
| 0519 274110 2015-09-01 | FALHER J3J |
| 0519 274111 2015-09-01 | FALHER K3K |
| 0519 274112 2015-09-01 | FALHER L3L |
| 0519 274113 2015-09-01 | FALHER M3M |
| 0519 274114 2015-09-01 | FALHER N3N |
| 0519 274115 2015-09-01 | FALHER O3O |
| 0519 274116 2015-09-01 | FALHER P3P |
| 0519 274117 2015-09-01 | FALHER Q3Q |
| 0519 274118 2015-09-01 | FALHER R3R |
| 0519 274119 2015-09-01 | FALHER S3S |
| 0519 274120 2015-09-01 | FALHER T3T |
| 0519 274121 2015-09-01 | FALHER U3U |
| 0519 274122 2015-09-01 | FALHER V3V |
| 0519 274123 2015-09-01 | FALHER W3W |
| 0519 274124 2015-09-01 | FALHER X3X |
| 0519 274125 2016-05-01 | FALHER Y3Y |
| 0519 304003 2011-10-01 | BLUESKY C  |
| 0519 304004 2011-08-01 | BLUESKY D  |
| 0519 304005 2013-04-01 | BLUESKY E  |
| 0519 304007 2011-08-01 | BLUESKY G  |
| 0519 304011 2010-04-01 | BLUESKY K  |
| 0519 304015 2012-12-01 | BLUESKY O  |
| 0519 304016 2009-05-01 | BLUESKY P  |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0519 304017 2011-12-01 | BLUESKY Q   |
| 0519 304018 2010-04-01 | BLUESKY R   |
| 0519 304021 2011-01-01 | BLUESKY U   |
| 0519 304022 2011-03-01 | BLUESKY V   |
| 0519 304023 2013-01-01 | BLUESKY W   |
| 0519 304024 2013-12-01 | BLUESKY X   |
| 0519 304025 2012-04-01 | BLUESKY Y   |
| 0519 304026 2011-10-01 | BLUESKY Z   |
| 0519 304027 2012-07-01 | BLUESKY AA  |
| 0519 304028 2012-05-01 | BLUESKY BB  |
| 0519 304029 2013-04-01 | BLUESKY CC  |
| 0519 304030 2012-05-01 | BLUESKY DD  |
| 0519 304031 2012-08-01 | BLUESKY EE  |
| 0519 304032 2013-01-01 | BLUESKY FF  |
| 0519 304033 2013-06-01 | BLUESKY GG  |
| 0519 304034 2014-05-01 | BLUESKY HH  |
| 0519 304035 2014-05-01 | BLUESKY II  |
| 0519 304036 2015-08-01 | BLUESKY JJ  |
| 0519 304037 2015-08-01 | BLUESKY KK  |
| 0519 304038 2015-08-01 | BLUESKY LL  |
| 0519 304039 2015-09-01 | BLUESKY MM  |
| 0519 304040 2015-09-01 | BLUESKY NN  |
|                        |             |
| 0519 326002 2011-11-01 | GETHING B   |
| 0519 326004 2012-09-01 | GETHING D   |
| 0519 326010 2011-10-01 | GETHING J   |
| 0519 326012 2013-04-01 | GETHING L   |
| 0519 326035 2010-04-01 | GETHING II  |
| 0519 326036 2010-04-01 | GETHING JJ  |
| 0519 326039 2009-03-01 | GETHING MM  |
| 0519 326041 2010-06-01 | GETHING OO  |
| 0519 326044 2012-07-01 | GETHING RR  |
| 0519 326050 2010-05-01 | GETHING XX  |
| 0519 326051 2011-01-01 | GETHING YY  |
| 0519 326602 2011-07-01 | GETHING BBB |
| 0519 326604 2013-04-01 | GETHING DDD |
| 0519 326605 2012-08-01 | GETHING EEE |
| 0519 326606 2012-12-01 | GETHING FFF |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0519 326607 2014-05-01 | GETHING GGG |
| 0519 326608 2014-05-01 | GETHING HHH |
| 0519 326609 2015-08-01 | GETHING III |
| 0519 326610 2015-08-01 | GETHING JJJ |
| 0519 326611 2015-08-01 | GETHING KKK |
| 0519 326612 2015-08-01 | GETHING LLL |
| 0519 326613 2015-08-01 | GETHING MMM |
| 0519 326614 2015-08-01 | GETHING NNN |
| 0519 326615 2015-08-01 | GETHING OOO |
| 0519 326616 2015-08-01 | GETHING PPP |
| 0519 326617 2015-08-01 | GETHING QQQ |
| 0519 326618 2015-08-01 | GETHING RRR |
| 0519 326619 2015-08-01 | GETHING SSS |
| 0519 326620 2015-08-01 | GETHING TTT |
| 0519 326621 2015-08-01 | GETHING UUU |
| 0519 326622 2015-09-01 | GETHING VVV |
| 0519 326623 2015-09-01 | GETHING WWW |
| 0519 326624 2015-09-01 | GETHING XXX |
| 0519 326625 2015-09-01 | GETHING YYY |
| 0519 326626 2015-09-01 | GETHING ZZZ |
| 0519 326627 2015-09-01 | GETHING A2A |
| 0519 326628 2015-09-01 | GETHING B2B |
| 0519 326629 2015-09-01 | GETHING C2C |
| 0519 326630 2015-09-01 | GETHING D2D |
| 0519 326631 2015-09-01 | GETHING E2E |
| 0519 326632 2015-09-01 | GETHING F2F |
| 0519 326633 2015-09-01 | GETHING G2G |
| 0519 326634 2015-09-01 | GETHING H2H |
| 0519 348001 2011-12-01 | CADOMIN A   |
| 0519 348004 2010-04-01 | CADOMIN D   |
| 0519 348006 2012-07-01 | CADOMIN F   |
| 0519 348009 2012-09-01 | CADOMIN I   |
| 0519 348015 2012-02-01 | CADOMIN O   |
| 0519 348016 2012-05-01 | CADOMIN P   |
| 0519 348017 2012-05-01 | CADOMIN Q   |
| 0519 348018 2012-11-01 | CADOMIN R   |
| 0519 348020 2015-08-01 | CADOMIN T   |

**POOL DESIGNATION (cont'd)**

|                        |              |
|------------------------|--------------|
| 0519 348021 2015-08-01 | CADOMIN U    |
| 0519 348022 2015-08-01 | CADOMIN V    |
| 0519 348023 2015-08-01 | CADOMIN W    |
| 0519 348024 2015-08-01 | CADOMIN X    |
| 0519 348025 2015-08-01 | CADOMIN Y    |
| 0519 348026 2015-08-01 | CADOMIN Z    |
| 0519 348027 2015-08-01 | CADOMIN AA   |
| 0519 348028 2015-08-01 | CADOMIN BB   |
| 0519 348029 2015-08-01 | CADOMIN CC   |
| 0519 348030 2015-08-01 | CADOMIN DD   |
| 0519 348031 2015-08-01 | CADOMIN EE   |
| 0519 348032 2015-09-01 | CADOMIN FF   |
| 0519 348033 2015-09-01 | CADOMIN GG   |
| 0519 348034 2015-09-01 | CADOMIN HH   |
| 0519 348035 2015-09-01 | CADOMIN II   |
| 0519 348036 2015-09-01 | CADOMIN JJ   |
| 0519 348037 2015-09-01 | CADOMIN KK   |
| 0519 348038 2015-09-01 | CADOMIN LL   |
| 0519 348039 2015-09-01 | CADOMIN MM   |
| 0519 348040 2015-09-01 | CADOMIN NN   |
| 0519 348041 2015-09-01 | CADOMIN OO   |
| 0519 348042 2015-09-01 | CADOMIN PP   |
|                        |              |
| 0519 408002 2010-04-01 | NIKANASSIN B |
| 0519 408003 2009-12-01 | NIKANASSIN C |
| 0519 408004 2012-12-01 | NIKANASSIN D |
| 0519 408005 2013-01-01 | NIKANASSIN E |
| 0519 408007 2011-04-01 | NIKANASSIN G |
| 0519 408008 2012-09-01 | NIKANASSIN H |
| 0519 408009 2011-12-01 | NIKANASSIN I |
| 0519 408010 2013-01-01 | NIKANASSIN J |
| 0519 408011 2015-08-01 | NIKANASSIN K |
| 0519 408012 2015-08-01 | NIKANASSIN L |
| 0519 408013 2015-08-01 | NIKANASSIN M |
| 0519 408014 2015-08-01 | NIKANASSIN N |
| 0519 408015 2015-08-01 | NIKANASSIN O |
| 0519 408016 2015-09-01 | NIKANASSIN P |
| 0519 408017 2015-09-01 | NIKANASSIN Q |

**POOL DESIGNATION (cont'd)**

|                        |              |
|------------------------|--------------|
| 0519 408018 2015-09-01 | NIKANASSIN R |
| 0519 408019 2015-09-01 | NIKANASSIN S |
| 0519 408020 2015-09-01 | NIKANASSIN T |
| 0519 408021 2015-09-01 | NIKANASSIN U |
| 0519 408022 2015-09-01 | NIKANASSIN V |
| 0519 408023 2015-09-01 | NIKANASSIN W |
| 0519 408024 2015-09-01 | NIKANASSIN X |
|                        |              |
| 0519 516001 2006-02-01 | HALFWAY A    |
| 0519 516002 2001-02-01 | HALFWAY B    |
|                        |              |
| 0519 524001 2012-04-01 | MONTNEY A    |
| 0519 524002 2012-05-01 | MONTNEY B    |
| 0519 524003 2015-10-01 | MONTNEY C    |
| 0519 524004 2015-02-01 | MONTNEY D    |
| 0519 524005 2015-02-01 | MONTNEY E    |
| 0519 524006 2014-11-01 | MONTNEY F    |
| 0519 524007 2015-02-01 | MONTNEY G    |
| 0519 524008 2015-02-01 | MONTNEY H    |
| 0519 524009 2015-02-01 | MONTNEY I    |
| 0519 524010 2013-10-01 | MONTNEY J    |
| 0519 524012 2015-02-01 | MONTNEY L    |
| 0519 524013 2014-05-01 | MONTNEY M    |
| 0519 524014 2015-02-01 | MONTNEY N    |
| 0519 524015 2015-03-01 | MONTNEY O    |
| 0519 524016 2015-03-01 | MONTNEY P    |
| 0519 524017 2015-02-01 | MONTNEY Q    |
| 0519 524018 2016-08-01 | MONTNEY R    |
| 0519 524019 2015-04-01 | MONTNEY S    |
| 0519 524020 2015-02-01 | MONTNEY T    |
| 0519 524021 2015-04-01 | MONTNEY U    |
| 0519 524022 2015-02-01 | MONTNEY V    |
| 0519 524023 2015-02-01 | MONTNEY W    |
|                        |              |
| 0519 658001 2015-08-01 | WABAMUN A    |
| 0519 658002 2001-03-01 | WABAMUN B    |
| 0519 658004 2005-07-01 | WABAMUN D    |
| 0519 658005 2005-08-01 | WABAMUN E    |

**POOL DESIGNATION (cont'd)**

|                        |                    |
|------------------------|--------------------|
| 0519 658006 2006-07-01 | WABAMUN F          |
| 0519 658007 2009-06-01 | WABAMUN G          |
| 0519 658008 2014-05-01 | WABAMUN H          |
| 0519 658009 2015-08-01 | WABAMUN I          |
| <br>                   |                    |
| 0519 856800 2015-09-01 | MFP8568 GETHING    |
| <br>                   |                    |
| 0519 856900 2015-09-01 | MFP8569 CADOMIN    |
| <br>                   |                    |
| 0519 857000 2015-09-01 | MFP8570 CADOMIN    |
| <br>                   |                    |
| 0519 858100 2015-09-01 | MFP8581 NIKANASSIN |

**SPACING PATTERN**

|          |             |
|----------|-------------|
| SU 2398  | 16 Nov 1995 |
| SU 2398A | 14 Mar 2005 |
| SU 2398B | 16 Aug 2006 |
| SU 2398C | 5 Sep 2006  |
| SU 2398D | 11 Apr 2007 |
| SU 2398E | 13 Aug 2007 |
| SU 2398F | 24 Sep 2007 |
| SU 2398G | 17 Oct 2007 |

**COMMINGLED PRODUCTION**

|         |            |
|---------|------------|
| MU 8766 | 3 Nov 2015 |
|---------|------------|

**ENHANCED RECOVERY SCHEMES**

|                     |             |
|---------------------|-------------|
| App 6523C           | 20 Aug 2015 |
| Other               |             |
| A Cardium A         |             |
| Rife Resources Ltd. |             |

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

|                              |            |
|------------------------------|------------|
| App 8651E                    | 6 Apr 2016 |
| By gas injection             |            |
| A Cardium A                  |            |
| Enerplus Corporation         |            |
| <br>                         |            |
| App 9035C                    | 6 Jul 2006 |
| Other                        |            |
| A Cardium A                  |            |
| Husky Oil Operations Limited |            |

|            |            |
|------------|------------|
| App 10614A | 6 Apr 2016 |
| Other      |            |

|                              |  |
|------------------------------|--|
| A Cardium A                  |  |
| Husky Oil Operations Limited |  |

**SUBSURFACE DISPOSAL SCHEMES**

|                          |             |
|--------------------------|-------------|
| App 10027A               | 18 Dec 2014 |
| Class II                 |             |
| Paramount Resources Ltd. |             |
| App 12337                | 18 Dec 2014 |

**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 12337A 18 Aug 2016

Class II and Acid Gas

Pembina Gas Services Ltd.

App 12355B 24 Mar 2017

Class II & Ib

Strath Resources Ltd.

App 12488 12 Jul 2016

Class III Acid Gas

Pembina Gas Services Ltd.

App 12538 22 Aug 2016

Class II and Acid Gas

Pembina Gas Services Ltd.

**FIELD DESIGNATION**

0515 2016-01-01 KARR FIELD

**POOL DESIGNATION**

0515 176001 2003-10-01 CARDIUM A

0515 176002 2012-04-01 CARDIUM B

0515 176003 2016-04-01 CARDIUM C

0515 186001 2010-04-01 SECOND WHITE SPECKS A

0515 186002 2008-03-01 SECOND WHITE SPECKS B

0515 192001 2001-02-01 DUNVEGAN A

0515 192002 2001-02-01 DUNVEGAN B

0515 192003 2001-02-01 DUNVEGAN C

0515 192004 2013-03-01 DUNVEGAN D

0515 192005 2006-06-01 DUNVEGAN E

0515 192006 2001-02-01 DUNVEGAN F

0515 192007 2013-06-01 DUNVEGAN G

0515 192008 2010-04-01 DUNVEGAN H

0515 192011 2010-04-01 DUNVEGAN K

0515 192012 2005-11-01 DUNVEGAN L

0515 192015 2015-05-01 DUNVEGAN O

0515 192016 2016-02-01 DUNVEGAN P

0515 192017 2008-04-01 DUNVEGAN Q

0515 192021 2010-05-01 DUNVEGAN U

0515 192022 2003-11-01 DUNVEGAN V

0515 192023 2003-12-01 DUNVEGAN W

0515 192026 2004-10-01 DUNVEGAN Z

0515 192027 2004-07-01 DUNVEGAN AA

0515 192029 2004-10-01 DUNVEGAN CC

0515 192030 2005-02-01 DUNVEGAN DD

0515 192031 2014-11-01 DUNVEGAN EE

0515 192032 2005-08-01 DUNVEGAN FF

0515 192038 2009-10-01 DUNVEGAN LL

0515 192040 2008-03-01 DUNVEGAN NN

0515 192041 2013-02-01 DUNVEGAN OO

**POOL DESIGNATION (cont'd)**

|                        |                |
|------------------------|----------------|
| 0515 192042 2007-07-01 | DUNVEGAN PP    |
| 0515 192043 2013-04-01 | DUNVEGAN QQ    |
| 0515 192044 2011-05-01 | DUNVEGAN RR    |
| 0515 192045 2007-12-01 | DUNVEGAN SS    |
| 0515 192046 2009-10-01 | DUNVEGAN TT    |
| 0515 192047 2008-02-01 | DUNVEGAN UU    |
| 0515 192048 2015-01-01 | DUNVEGAN VV    |
| 0515 192049 2008-11-01 | DUNVEGAN WW    |
| 0515 192051 2011-11-01 | DUNVEGAN YY    |
| 0515 192052 2009-09-01 | DUNVEGAN ZZ    |
| 0515 195801 2012-02-01 | DUNVEGAN AAA   |
| 0515 195803 2011-12-01 | DUNVEGAN CCC   |
| 0515 195804 2011-12-01 | DUNVEGAN DDD   |
| 0515 195805 2012-05-01 | DUNVEGAN EEE   |
| 0515 195806 2014-03-01 | DUNVEGAN FFF   |
| 0515 195807 2015-08-01 | DUNVEGAN GGG   |
| 0515 195808 2014-07-01 | DUNVEGAN HHH   |
| 0515 195809 2016-04-01 | DUNVEGAN III   |
| 0515 195811 2016-04-01 | DUNVEGAN KKK   |
| 0515 195814 2017-01-01 | DUNVEGAN NNN   |
| 0515 230002 2010-12-01 | PADDY B        |
| 0515 230003 2013-06-01 | PADDY C        |
| 0515 230004 2013-07-01 | PADDY D        |
| 0515 230005 2014-02-01 | PADDY E        |
| 0515 232001 2013-07-01 | CADOTTE A      |
| 0515 232003 2003-11-01 | CADOTTE C      |
| 0515 232004 2003-12-01 | CADOTTE D      |
| 0515 232005 2010-05-01 | CADOTTE E      |
| 0515 232006 2010-04-01 | CADOTTE F      |
| 0515 232007 2010-04-01 | CADOTTE G      |
| 0515 232018 2011-10-01 | CADOTTE R      |
| 0515 232025 2010-11-01 | CADOTTE Y      |
| 0515 264001 2011-02-01 | SPIRIT RIVER A |
| 0515 266002 2006-06-01 | NOTIKEWIN B    |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0515 266003 2010-04-01 | NOTIKEWIN C |
| 0515 266004 2001-02-01 | NOTIKEWIN D |
| 0515 266005 2010-04-01 | NOTIKEWIN E |
| 0515 266006 2010-04-01 | NOTIKEWIN F |
| 0515 266007 2007-07-01 | NOTIKEWIN G |
| 0515 266008 2010-04-01 | NOTIKEWIN H |
|                        |             |
| 0515 271501 2010-04-01 | FALHER A    |
| 0515 271502 2013-12-01 | FALHER B    |
| 0515 271503 2001-02-01 | FALHER C    |
| 0515 271504 2010-06-01 | FALHER D    |
| 0515 271505 2004-04-01 | FALHER E    |
| 0515 271507 2003-11-01 | FALHER G    |
| 0515 271508 2004-05-01 | FALHER H    |
| 0515 271509 2010-04-01 | FALHER I    |
| 0515 271510 2005-05-01 | FALHER J    |
| 0515 271512 2010-04-01 | FALHER L    |
| 0515 271513 2012-01-01 | FALHER M    |
| 0515 271516 2010-04-01 | FALHER P    |
| 0515 271517 2007-02-01 | FALHER Q    |
| 0515 271518 2013-02-01 | FALHER R    |
| 0515 271519 2010-04-01 | FALHER S    |
| 0515 271520 2007-12-01 | FALHER T    |
| 0515 271521 2010-04-01 | FALHER U    |
| 0515 271522 2008-03-01 | FALHER V    |
| 0515 271523 2010-04-01 | FALHER W    |
| 0515 271524 2010-04-01 | FALHER X    |
| 0515 271525 2010-04-01 | FALHER Y    |
| 0515 271526 2009-05-01 | FALHER Z    |
| 0515 271528 2010-11-01 | FALHER BB   |
| 0515 271530 2013-04-01 | FALHER DD   |
| 0515 271531 2016-01-01 | FALHER EE   |
| 0515 271532 2013-06-01 | FALHER FF   |
| 0515 271533 2013-09-01 | FALHER GG   |
|                        |             |
| 0515 304001 2013-06-01 | BLUESKY A   |
| 0515 304005 2004-11-01 | BLUESKY E   |
| 0515 304007 2010-04-01 | BLUESKY G   |

**POOL DESIGNATION (cont'd)**

|                        |            |
|------------------------|------------|
| 0515 304009 2011-05-01 | BLUESKY I  |
| 0515 304012 2007-02-01 | BLUESKY L  |
| 0515 304017 2010-02-01 | BLUESKY Q  |
| 0515 304018 2011-12-01 | BLUESKY R  |
| 0515 304019 2010-04-01 | BLUESKY S  |
| 0515 304020 2010-02-01 | BLUESKY T  |
|                        |            |
| 0515 326001 2001-02-01 | GETHING A  |
| 0515 326002 2001-02-01 | GETHING B  |
| 0515 326003 2010-04-01 | GETHING C  |
| 0515 326005 2010-04-01 | GETHING E  |
| 0515 326006 2001-02-01 | GETHING F  |
| 0515 326010 2001-03-01 | GETHING J  |
| 0515 326011 2004-08-01 | GETHING K  |
| 0515 326012 2001-03-01 | GETHING L  |
| 0515 326013 2010-04-01 | GETHING M  |
| 0515 326014 2011-11-01 | GETHING N  |
| 0515 326015 2010-04-01 | GETHING O  |
| 0515 326016 2010-04-01 | GETHING P  |
| 0515 326021 2004-05-01 | GETHING U  |
| 0515 326022 2010-04-01 | GETHING V  |
| 0515 326023 2004-05-01 | GETHING W  |
| 0515 326024 2005-01-01 | GETHING X  |
| 0515 326030 2013-02-01 | GETHING DD |
| 0515 326032 2010-04-01 | GETHING FF |
| 0515 326035 2010-07-01 | GETHING II |
| 0515 326037 2011-12-01 | GETHING KK |
| 0515 326042 2009-07-01 | GETHING PP |
| 0515 326045 2011-01-01 | GETHING SS |
| 0515 326046 2011-08-01 | GETHING TT |
| 0515 326047 2011-09-01 | GETHING UU |
|                        |            |
| 0515 348002 2010-04-01 | CADOMIN B  |
| 0515 348004 2001-02-01 | CADOMIN D  |
| 0515 348006 2001-02-01 | CADOMIN F  |
| 0515 348015 2010-04-01 | CADOMIN O  |
| 0515 348019 2010-05-01 | CADOMIN S  |
| 0515 348021 2010-04-01 | CADOMIN U  |

**POOL DESIGNATION (cont'd)**

|                        |                |
|------------------------|----------------|
| 0515 348022 2012-03-01 | CADOMIN V      |
| 0515 408001 2001-02-01 | NIKANASSIN A   |
| 0515 408002 2001-02-01 | NIKANASSIN B   |
| 0515 408003 2001-02-01 | NIKANASSIN C   |
| 0515 408004 2010-04-01 | NIKANASSIN D   |
| 0515 408005 2010-02-01 | NIKANASSIN E   |
| 0515 408006 2011-02-01 | NIKANASSIN F   |
| 0515 408007 2011-08-01 | NIKANASSIN G   |
| 0515 408008 2012-07-01 | NIKANASSIN H   |
| 0515 444001 2012-07-01 | NORDEGG A      |
| 0515 444002 2012-11-01 | NORDEGG B      |
| 0515 508001 2001-02-01 | CHARLIE LAKE A |
| 0515 508002 2010-04-01 | CHARLIE LAKE B |
| 0515 508003 2001-02-01 | CHARLIE LAKE C |
| 0515 508004 2001-02-01 | CHARLIE LAKE D |
| 0515 508005 2002-03-01 | CHARLIE LAKE E |
| 0515 508006 2003-04-01 | CHARLIE LAKE F |
| 0515 508007 2009-10-01 | CHARLIE LAKE G |
| 0515 508008 2007-07-01 | CHARLIE LAKE H |
| 0515 508009 2011-08-01 | CHARLIE LAKE I |
| 0515 516001 2001-02-01 | HALFWAY A      |
| 0515 516002 2007-07-01 | HALFWAY B      |
| 0515 516003 2013-07-01 | HALFWAY C      |
| 0515 524001 2012-07-01 | MONTNEY A      |
| 0515 524002 2010-04-01 | MONTNEY B      |
| 0515 524003 2010-03-01 | MONTNEY C      |
| 0515 524004 2013-07-01 | MONTNEY D      |
| 0515 524007 2011-08-01 | MONTNEY G      |
| 0515 524008 2013-04-01 | MONTNEY H      |
| 0515 524009 2012-02-01 | MONTNEY I      |
| 0515 524010 2012-03-01 | MONTNEY J      |
| 0515 524011 2013-03-01 | MONTNEY K      |
| 0515 524012 2016-01-01 | MONTNEY L      |

**POOL DESIGNATION (cont'd)**

|                        |                   |
|------------------------|-------------------|
| 0515 524014 2013-12-01 | MONTNEY N         |
| 0515 524015 2013-12-01 | MONTNEY O         |
| 0515 524016 2014-04-01 | MONTNEY P         |
| 0515 524017 2016-10-01 | MONTNEY Q         |
| 0515 524018 2013-09-01 | MONTNEY R         |
| 0515 524019 2013-10-01 | MONTNEY S         |
| 0515 524020 2014-12-01 | MONTNEY T         |
| 0515 524021 2014-07-01 | MONTNEY U         |
| 0515 524022 2014-04-01 | MONTNEY V         |
| 0515 524023 2014-03-01 | MONTNEY W         |
| 0515 524024 2014-05-01 | MONTNEY X         |
| 0515 524025 2014-03-01 | MONTNEY Y         |
| 0515 524026 2014-03-01 | MONTNEY Z         |
| 0515 524027 2014-09-01 | MONTNEY AA        |
| 0515 524028 2016-10-01 | MONTNEY BB        |
| 0515 524029 2014-10-01 | MONTNEY CC        |
| 0515 524030 2016-04-01 | MONTNEY DD        |
| 0515 524031 2015-03-01 | MONTNEY EE        |
| 0515 524032 2015-02-01 | MONTNEY FF        |
| 0515 524033 2015-10-01 | MONTNEY GG        |
| 0515 524034 2015-02-01 | MONTNEY HH        |
| 0515 524035 2015-02-01 | MONTNEY II        |
| 0515 524036 2015-02-01 | MONTNEY JJ        |
| 0515 524037 2015-02-01 | MONTNEY KK        |
| 0515 524038 2015-04-01 | MONTNEY LL        |
| 0515 524039 2015-02-01 | MONTNEY MM        |
| 0515 524040 2015-03-01 | MONTNEY NN        |
| 0515 524041 2015-02-01 | MONTNEY OO        |
| 0515 524042 2016-02-01 | MONTNEY PP        |
| 0515 524043 2016-12-01 | MONTNEY QQ        |
| 0515 658001 2001-02-01 | WABAMUN A         |
| 0515 658002 2001-02-01 | WABAMUN B         |
| 0515 658003 2001-02-01 | WABAMUN C         |
| 0515 658004 2002-03-01 | WABAMUN D         |
| 0515 658005 2005-03-01 | WABAMUN E         |
| 0515 744001 2010-04-01 | BEAVERHILL LAKE A |

**POOL DESIGNATION (cont'd)**

0515 744002 2008-07-01 BEAVERHILL LAKE B  
0515 744003 2004-07-01 BEAVERHILL LAKE C  
0515 744004 2004-12-01 BEAVERHILL LAKE D

**SPACING PATTERN**

SU 3046 1 Aug 2001  
SU 3046A 15 Apr 2004  
SU 3046B 5 Dec 2005  
SU 3046C 30 Jan 2006  
SU 3046D 22 Aug 2006

**COMMINGLED PRODUCTION**

MU 8794 26 May 2016

**SUBSURFACE DISPOSAL SCHEMES**

App 11655C 8 May 2017  
Class II  
Paramount Resources Ltd.

App 12434 10 Aug 2015  
Class II  
Seven Generations Energy Ltd.

App 12441A 16 Mar 2017  
Class II & Ib  
Canadian International Oil Operating Corp.

App 12505 12 Apr 2016  
Class II  
Canadian International Oil Operating Corp.

**FIELD DESIGNATION**

0513 2016-09-01 KAYBOB FIELD

**POOL DESIGNATION**

0513 176001 2009-10-01 CARDIUM A

0513 176002 2010-05-01 CARDIUM B

0513 192001 2001-02-01 DUNVEGAN A

0513 192002 2004-09-01 DUNVEGAN B

0513 218002 2004-06-01 VIKING B

0513 218003 2001-08-01 VIKING C

0513 218004 2001-02-01 VIKING D

0513 218005 2010-04-01 VIKING E

0513 218012 2001-02-01 VIKING L

0513 218013 2007-07-01 VIKING M

0513 218014 2001-02-01 VIKING N

0513 218015 2001-02-01 VIKING O

0513 218016 2001-08-01 VIKING P

0513 218017 2001-07-01 VIKING Q

0513 218018 2001-07-01 VIKING R

0513 218019 2001-11-01 VIKING S

0513 218021 2001-09-01 VIKING U

0513 218022 2017-02-01 VIKING V

0513 218023 2002-02-01 VIKING W

0513 218024 2010-04-01 VIKING X

0513 218025 2010-04-01 VIKING Y

0513 218026 2004-05-01 VIKING Z

0513 218027 2009-12-01 VIKING AA

0513 250001 2012-11-01 UPPER MANNVILLE A

0513 250004 2001-02-01 UPPER MANNVILLE D

0513 250005 2001-02-01 UPPER MANNVILLE E

0513 264001 2002-08-01 SPIRIT RIVER A

0513 264002 2002-08-01 SPIRIT RIVER B

**POOL DESIGNATION (cont'd)**

|             |            |             |
|-------------|------------|-------------|
| 0513 266001 | 2010-04-01 | NOTIKEWIN A |
| 0513 266002 | 2010-04-01 | NOTIKEWIN B |
| 0513 266005 | 2010-04-01 | NOTIKEWIN E |
| 0513 266006 | 2001-02-01 | NOTIKEWIN F |
| 0513 266007 | 2001-02-01 | NOTIKEWIN G |
| 0513 266008 | 2001-02-01 | NOTIKEWIN H |
| 0513 266009 | 2001-02-01 | NOTIKEWIN I |
| 0513 266010 | 2001-02-01 | NOTIKEWIN J |
| 0513 266011 | 2001-03-01 | NOTIKEWIN K |
| 0513 266012 | 2002-11-01 | NOTIKEWIN L |
| 0513 266013 | 2010-04-01 | NOTIKEWIN M |
|             |            |             |
| 0513 304001 | 2001-02-01 | BLUESKY A   |
|             |            |             |
| 0513 326001 | 2001-02-01 | GETHING A   |
| 0513 326002 | 2001-02-01 | GETHING B   |
| 0513 326003 | 2001-02-01 | GETHING C   |
| 0513 326004 | 2001-02-01 | GETHING D   |
| 0513 326008 | 2010-04-01 | GETHING H   |
| 0513 326009 | 2001-02-01 | GETHING I   |
| 0513 326010 | 2001-02-01 | GETHING J   |
| 0513 326011 | 2010-04-01 | GETHING K   |
| 0513 326012 | 2001-02-01 | GETHING L   |
| 0513 326014 | 2001-02-01 | GETHING N   |
| 0513 326015 | 2014-11-01 | GETHING O   |
| 0513 326017 | 2001-02-01 | GETHING Q   |
| 0513 326019 | 2001-02-01 | GETHING S   |
| 0513 326020 | 2001-02-01 | GETHING T   |
| 0513 326021 | 2001-02-01 | GETHING U   |
| 0513 326022 | 2001-03-01 | GETHING V   |
| 0513 326023 | 2001-02-01 | GETHING W   |
| 0513 326024 | 2001-02-01 | GETHING X   |
| 0513 326025 | 2010-04-01 | GETHING Y   |
| 0513 326026 | 2001-02-01 | GETHING Z   |
| 0513 326027 | 2010-03-01 | GETHING AA  |
| 0513 326028 | 2010-04-01 | GETHING BB  |
| 0513 326029 | 2001-02-01 | GETHING CC  |
| 0513 326031 | 2001-02-01 | GETHING EE  |

**POOL DESIGNATION (cont'd)**

|                        |              |
|------------------------|--------------|
| 0513 326033 2001-02-01 | GETHING GG   |
| 0513 326034 2001-02-01 | GETHING HH   |
| 0513 326036 2001-02-01 | GETHING JJ   |
| 0513 326037 2004-08-01 | GETHING KK   |
| 0513 326038 2001-02-01 | GETHING LL   |
| 0513 326039 2001-02-01 | GETHING MM   |
| 0513 326040 2011-04-01 | GETHING NN   |
| 0513 326041 2010-04-01 | GETHING OO   |
| 0513 326043 2001-03-01 | GETHING QQ   |
| 0513 326045 2001-11-01 | GETHING SS   |
| 0513 326046 2002-02-01 | GETHING TT   |
| 0513 326047 2002-05-01 | GETHING UU   |
| 0513 326048 2011-03-01 | GETHING VV   |
| 0513 326049 2002-08-01 | GETHING WW   |
| 0513 326050 2002-10-01 | GETHING XX   |
| 0513 326051 2003-09-01 | GETHING YY   |
| 0513 326052 2004-11-01 | GETHING ZZ   |
| 0513 326601 2006-02-01 | GETHING AAA  |
| 0513 326602 2006-07-01 | GETHING BBB  |
| 0513 326603 2006-07-01 | GETHING CCC  |
| 0513 326604 2007-07-01 | GETHING DDD  |
| 0513 326605 2007-07-01 | GETHING EEE  |
| 0513 326606 2012-03-01 | GETHING FFF  |
| 0513 326607 2008-12-01 | GETHING GGG  |
| 0513 326608 2012-02-01 | GETHING HHH  |
| 0513 326609 2013-07-01 | GETHING III  |
| 0513 432001 2001-02-01 | ROCK CREEK A |
| 0513 444001 2012-07-01 | NORDEGG A    |
| 0513 444002 2013-07-01 | NORDEGG B    |
| 0513 444003 2013-12-01 | NORDEGG C    |
| 0513 444004 2016-09-01 | NORDEGG D    |
| 0513 500001 2012-07-01 | TRIASSIC A   |
| 0513 500002 2015-09-01 | TRIASSIC B   |
| 0513 500003 2001-02-01 | TRIASSIC C   |
| 0513 500004 2001-02-01 | TRIASSIC D   |

**POOL DESIGNATION (cont'd)**

|                        |            |
|------------------------|------------|
| 0513 500006 2001-02-01 | TRIASSIC F |
| 0513 500007 2017-05-01 | TRIASSIC G |
| 0513 500010 2004-02-01 | TRIASSIC J |
| 0513 500011 2012-12-01 | TRIASSIC K |
| 0513 500014 2012-11-01 | TRIASSIC N |
| 0513 500015 2012-10-01 | TRIASSIC O |
| 0513 500016 2013-04-01 | TRIASSIC P |
| 0513 500017 2013-09-01 | TRIASSIC Q |
| 0513 500018 2013-05-01 | TRIASSIC R |
| 0513 500019 2013-06-01 | TRIASSIC S |
| 0513 500020 2014-03-01 | TRIASSIC T |
| 0513 500021 2014-09-01 | TRIASSIC U |
| <br>                   |            |
| 0513 612001 2017-05-01 | DEBOLT A   |
| <br>                   |            |
| 0513 658001 2001-02-01 | WABAMUN A  |
| <br>                   |            |
| 0513 696002 2001-02-01 | NISKU B    |
| 0513 696003 2011-03-01 | NISKU C    |
| 0513 696004 2001-02-01 | NISKU D    |
| 0513 696005 2008-11-01 | NISKU E    |
| <br>                   |            |
| 0513 728010 2014-02-01 | DUVERNAY J |
| 0513 728011 2014-02-01 | DUVERNAY K |
| 0513 728012 2014-08-01 | DUVERNAY L |
| 0513 728013 2014-11-01 | DUVERNAY M |
| 0513 728014 2015-03-01 | DUVERNAY N |
| 0513 728015 2015-02-01 | DUVERNAY O |
| 0513 728016 2015-02-01 | DUVERNAY P |
| 0513 728017 2015-05-01 | DUVERNAY Q |
| 0513 728018 2015-03-01 | DUVERNAY R |
| 0513 728019 2015-02-01 | DUVERNAY S |
| 0513 728020 2015-02-01 | DUVERNAY T |
| 0513 728021 2015-05-01 | DUVERNAY U |
| 0513 728022 2015-06-01 | DUVERNAY V |
| 0513 728023 2015-05-01 | DUVERNAY W |
| 0513 728024 2015-02-01 | DUVERNAY X |
| 0513 728025 2015-02-01 | DUVERNAY Y |

**POOL DESIGNATION (cont'd)**

|                        |                   |
|------------------------|-------------------|
| 0513 728026 2015-02-01 | DUVERNAY Z        |
| 0513 728027 2015-02-01 | DUVERNAY AA       |
| 0513 728028 2015-02-01 | DUVERNAY BB       |
| 0513 728029 2016-09-01 | DUVERNAY CC       |
| 0513 728030 2015-02-01 | DUVERNAY DD       |
| 0513 728031 2015-02-01 | DUVERNAY EE       |
| 0513 728032 2015-02-01 | DUVERNAY FF       |
| 0513 728033 2015-02-01 | DUVERNAY GG       |
| 0513 728034 2015-02-01 | DUVERNAY HH       |
| 0513 728035 2015-02-01 | DUVERNAY II       |
| 0513 728036 2015-02-01 | DUVERNAY JJ       |
| 0513 728037 2015-02-01 | DUVERNAY KK       |
| 0513 728038 2015-06-01 | DUVERNAY LL       |
| 0513 728039 2015-02-01 | DUVERNAY MM       |
| 0513 728040 2015-02-01 | DUVERNAY NN       |
| 0513 728041 2015-02-01 | DUVERNAY OO       |
| 0513 728042 2015-02-01 | DUVERNAY PP       |
| 0513 728043 2015-02-01 | DUVERNAY QQ       |
| 0513 728044 2015-02-01 | DUVERNAY RR       |
| 0513 728045 2015-02-01 | DUVERNAY SS       |
| 0513 728046 2015-02-01 | DUVERNAY TT       |
| 0513 728047 2015-02-01 | DUVERNAY UU       |
| 0513 728048 2015-05-01 | DUVERNAY VV       |
| 0513 728049 2015-07-01 | DUVERNAY WW       |
| 0513 728050 2015-06-01 | DUVERNAY XX       |
| 0513 728051 2016-12-01 | DUVERNAY YY       |
| 0513 744001 2010-04-01 | BEAVERHILL LAKE A |
| 0513 744002 2011-11-01 | BEAVERHILL LAKE B |
| 0513 744003 2010-04-01 | BEAVERHILL LAKE C |
| 0513 744004 2001-02-01 | BEAVERHILL LAKE D |
| 0513 797501 2008-06-01 | GRANITE WASH A    |

**SPACING PATTERN**

SU 4177 12 May 2004  
SU 4177A 28 Jan 2005  
SU 4177B 5 Aug 2005  
SU 4177C 14 Dec 2005  
SU 4177D 2 May 2006

**MISCELLANEOUS ORDERS**

MISC 6204 1 Feb 1962  
Oil prod allow - certain wells  
in Swan Hills - Kaybob Area

**COMMINGLED PRODUCTION**

MU 7859 17 May 2011

**GAS CYCLING**

App 6890 16 Jul 1992  
App 6890A 2 May 2001  
Gas cycling  
Beaverhill Lake C  
Paramount Resources Ltd.

**ENHANCED RECOVERY SCHEMES**

App 10042E 20 Jan 2015  
Waterflood  
Beaverhill Lake A  
Trilogy Energy Ltd.

App 12598A 16 May 2017  
Immiscible gas  
Triassic G  
Trilogy Resources Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 10530B 24 May 2017  
Class II  
Trilogy Resources Ltd.

App 11441D 23 Jan 2015  
III Acid Gas  
Trilogy Resources Ltd.

App 11886A 29 May 2013  
Class II  
Athabasca Oil Corporation

App 12406A 20 Nov 2015  
Class II  
XTO Energy Canada

App 12584 2 Feb 2017  
Class Ib  
Trilogy Resources Ltd.

App 12617 19 May 2017  
Class II  
Shell Canada Limited

**FIELD DESIGNATION**

0514 2015-10-01 KAYBOB SOUTH FIELD

**POOL DESIGNATION**

0514 126001 2011-12-01 BELLY RIVER A

0514 176002 2010-04-01 CARDIUM B  
0514 176003 2009-03-01 CARDIUM C  
0514 176004 2016-08-01 CARDIUM D  
0514 176005 2013-09-01 CARDIUM E  
0514 176006 2013-09-01 CARDIUM F  
0514 176008 2015-02-01 CARDIUM H  
0514 176009 2017-02-01 CARDIUM I  
0514 176011 2015-10-01 CARDIUM K  
0514 176012 2015-10-01 CARDIUM L  
0514 176013 2015-10-01 CARDIUM M  
0514 176014 2015-10-01 CARDIUM N  
0514 176015 2015-10-01 CARDIUM O  
0514 176016 2015-10-01 CARDIUM P  
0514 176017 2015-10-01 CARDIUM Q  
0514 176018 2015-10-01 CARDIUM R  
0514 176019 2015-10-01 CARDIUM S  
0514 176020 2015-10-01 CARDIUM T  
0514 176021 2015-10-01 CARDIUM U  
0514 176022 2015-10-01 CARDIUM V  
0514 176023 2015-10-01 CARDIUM W  
0514 176024 2015-10-01 CARDIUM X  
0514 176025 2015-10-01 CARDIUM Y  
0514 176026 2015-10-01 CARDIUM Z  
0514 176027 2015-10-01 CARDIUM AA  
0514 176028 2015-10-01 CARDIUM BB  
0514 176029 2015-10-01 CARDIUM CC  
0514 176030 2015-10-01 CARDIUM DD  
0514 176031 2015-10-01 CARDIUM EE  
0514 176032 2015-10-01 CARDIUM FF  
0514 176033 2015-10-01 CARDIUM GG

**POOL DESIGNATION (cont'd)**

|                        |                       |
|------------------------|-----------------------|
| 0514 176034 2015-10-01 | CARDIUM HH            |
| 0514 176035 2015-10-01 | CARDIUM II            |
| 0514 176036 2015-10-01 | CARDIUM JJ            |
| 0514 176037 2015-10-01 | CARDIUM KK            |
| 0514 176038 2015-10-01 | CARDIUM LL            |
| 0514 176039 2015-10-01 | CARDIUM MM            |
|                        |                       |
| 0514 186001 2010-04-01 | SECOND WHITE SPECKS A |
| 0514 186002 2001-02-01 | SECOND WHITE SPECKS B |
| 0514 186003 2013-07-01 | SECOND WHITE SPECKS C |
| 0514 186004 2015-10-01 | SECOND WHITE SPECKS D |
| 0514 186005 2015-10-01 | SECOND WHITE SPECKS E |
|                        |                       |
| 0514 192001 2012-09-01 | DUNVEGAN A            |
| 0514 192002 2016-05-01 | DUNVEGAN B            |
| 0514 192005 2016-06-01 | DUNVEGAN E            |
| 0514 192006 2009-03-01 | DUNVEGAN F            |
| 0514 192008 2014-06-01 | DUNVEGAN H            |
| 0514 192009 2013-07-01 | DUNVEGAN I            |
| 0514 192010 2010-04-01 | DUNVEGAN J            |
| 0514 192011 2010-04-01 | DUNVEGAN K            |
| 0514 192013 2007-07-01 | DUNVEGAN M            |
| 0514 192014 2010-04-01 | DUNVEGAN N            |
| 0514 192017 2009-03-01 | DUNVEGAN Q            |
| 0514 192018 2012-05-01 | DUNVEGAN R            |
| 0514 192019 2010-04-01 | DUNVEGAN S            |
| 0514 192021 2011-01-01 | DUNVEGAN U            |
| 0514 192022 2010-10-01 | DUNVEGAN V            |
| 0514 192023 2011-02-01 | DUNVEGAN W            |
| 0514 192025 2013-10-01 | DUNVEGAN Y            |
| 0514 192026 2015-01-01 | DUNVEGAN Z            |
| 0514 192028 2015-04-01 | DUNVEGAN BB           |
| 0514 192029 2013-04-01 | DUNVEGAN CC           |
| 0514 192030 2012-08-01 | DUNVEGAN DD           |
| 0514 192031 2013-08-01 | DUNVEGAN EE           |
| 0514 192033 2014-01-01 | DUNVEGAN GG           |
| 0514 192035 2013-08-01 | DUNVEGAN II           |
| 0514 192036 2014-03-01 | DUNVEGAN JJ           |

**POOL DESIGNATION (cont'd)**

0514 192037 2015-04-01 DUNVEGAN KK  
0514 192038 2015-10-01 DUNVEGAN LL  
0514 192039 2015-10-01 DUNVEGAN MM  
0514 192040 2015-10-01 DUNVEGAN NN  
0514 192041 2015-10-01 DUNVEGAN OO  
0514 192042 2015-10-01 DUNVEGAN PP  
0514 192043 2015-10-01 DUNVEGAN QQ  
0514 192044 2015-10-01 DUNVEGAN RR  
0514 192045 2015-10-01 DUNVEGAN SS  
0514 192046 2015-10-01 DUNVEGAN TT  
0514 192047 2015-10-01 DUNVEGAN UU  
0514 192048 2015-10-01 DUNVEGAN VV

0514 218001 2011-04-01 VIKING A  
0514 218002 2011-08-01 VIKING B  
0514 218003 2001-02-01 VIKING C  
0514 218004 2001-02-01 VIKING D  
0514 218007 2001-02-01 VIKING G  
0514 218008 2011-12-01 VIKING H  
0514 218009 2001-02-01 VIKING I  
0514 218012 2001-02-01 VIKING L  
0514 218013 2008-07-01 VIKING M  
0514 218015 2010-04-01 VIKING O  
0514 218016 2010-04-01 VIKING P  
0514 218017 2009-05-01 VIKING Q  
0514 218018 2009-05-01 VIKING R  
0514 218019 2010-03-01 VIKING S  
0514 218020 2011-04-01 VIKING T  
0514 218021 2013-04-01 VIKING U  
0514 218022 2013-12-01 VIKING V  
0514 218023 2015-10-01 VIKING W  
0514 218024 2015-10-01 VIKING X  
0514 218025 2015-10-01 VIKING Y  
0514 218026 2015-10-01 VIKING Z  
0514 218027 2015-10-01 VIKING AA  
0514 218028 2015-10-01 VIKING BB  
0514 218029 2015-10-01 VIKING CC  
0514 218030 2015-10-01 VIKING DD

**POOL DESIGNATION (cont'd)**

|             |            |                    |
|-------------|------------|--------------------|
| 0514 218031 | 2015-10-01 | VIKING EE          |
| 0514 218032 | 2015-10-01 | VIKING FF          |
| 0514 228001 | 2015-10-01 | PEACE RIVER A      |
| 0514 248001 | 2015-10-01 | MANNVILLE A        |
| 0514 248002 | 2015-10-01 | MANNVILLE B        |
| 0514 250001 | 2002-11-01 | UPPER MANNVILLE A  |
| 0514 250002 | 2008-12-01 | UPPER MANNVILLE B  |
| 0514 250003 | 2005-04-01 | UPPER MANNVILLE C  |
| 0514 250005 | 2010-05-01 | UPPER MANNVILLE E  |
| 0514 250007 | 2001-02-01 | UPPER MANNVILLE G  |
| 0514 250012 | 2006-02-01 | UPPER MANNVILLE L  |
| 0514 250014 | 2011-12-01 | UPPER MANNVILLE N  |
| 0514 250015 | 2004-02-01 | UPPER MANNVILLE O  |
| 0514 250016 | 2003-07-01 | UPPER MANNVILLE P  |
| 0514 250017 | 2010-04-01 | UPPER MANNVILLE Q  |
| 0514 250018 | 2004-11-01 | UPPER MANNVILLE R  |
| 0514 250019 | 2010-04-01 | UPPER MANNVILLE S  |
| 0514 250020 | 2006-04-01 | UPPER MANNVILLE T  |
| 0514 250021 | 2010-04-01 | UPPER MANNVILLE U  |
| 0514 250022 | 2007-01-01 | UPPER MANNVILLE V  |
| 0514 250023 | 2009-03-01 | UPPER MANNVILLE W  |
| 0514 250024 | 2010-04-01 | UPPER MANNVILLE X  |
| 0514 250025 | 2007-07-01 | UPPER MANNVILLE Y  |
| 0514 250026 | 2007-08-01 | UPPER MANNVILLE Z  |
| 0514 250027 | 2007-08-01 | UPPER MANNVILLE AA |
| 0514 250028 | 2008-02-01 | UPPER MANNVILLE BB |
| 0514 250029 | 2008-02-01 | UPPER MANNVILLE CC |
| 0514 250030 | 2011-04-01 | UPPER MANNVILLE DD |
| 0514 250033 | 2010-05-01 | UPPER MANNVILLE GG |
| 0514 250034 | 2009-02-01 | UPPER MANNVILLE HH |
| 0514 250035 | 2009-03-01 | UPPER MANNVILLE II |
| 0514 250036 | 2009-04-01 | UPPER MANNVILLE JJ |
| 0514 250037 | 2009-05-01 | UPPER MANNVILLE KK |
| 0514 250038 | 2011-03-01 | UPPER MANNVILLE LL |
| 0514 250039 | 2012-01-01 | UPPER MANNVILLE MM |

**POOL DESIGNATION (cont'd)**

|                        |                    |
|------------------------|--------------------|
| 0514 250040 2013-01-01 | UPPER MANNVILLE NN |
| 0514 250041 2013-11-01 | UPPER MANNVILLE OO |
| 0514 250042 2015-10-01 | UPPER MANNVILLE PP |
| 0514 250043 2015-10-01 | UPPER MANNVILLE QQ |
| 0514 250044 2015-10-01 | UPPER MANNVILLE RR |
| 0514 250045 2015-10-01 | UPPER MANNVILLE SS |
| 0514 250046 2015-10-01 | UPPER MANNVILLE TT |
| 0514 250047 2015-10-01 | UPPER MANNVILLE UU |
| 0514 250048 2015-10-01 | UPPER MANNVILLE VV |
| 0514 250049 2015-10-01 | UPPER MANNVILLE WW |
| 0514 250050 2015-10-01 | UPPER MANNVILLE XX |
| 0514 266001 2006-09-01 | NOTIKEWIN A        |
| 0514 266002 2013-01-01 | NOTIKEWIN B        |
| 0514 266004 2013-11-01 | NOTIKEWIN D        |
| 0514 266005 2003-02-01 | NOTIKEWIN E        |
| 0514 266008 2011-12-01 | NOTIKEWIN H        |
| 0514 266009 2014-08-01 | NOTIKEWIN I        |
| 0514 266010 2002-12-01 | NOTIKEWIN J        |
| 0514 266012 2004-01-01 | NOTIKEWIN L        |
| 0514 266026 2011-08-01 | NOTIKEWIN Z        |
| 0514 266027 2010-04-01 | NOTIKEWIN AA       |
| 0514 266028 2008-11-01 | NOTIKEWIN BB       |
| 0514 266032 2010-04-01 | NOTIKEWIN FF       |
| 0514 266033 2009-05-01 | NOTIKEWIN GG       |
| 0514 266034 2009-11-01 | NOTIKEWIN HH       |
| 0514 266035 2010-11-01 | NOTIKEWIN II       |
| 0514 266036 2010-05-01 | NOTIKEWIN JJ       |
| 0514 266037 2013-10-01 | NOTIKEWIN KK       |
| 0514 266038 2011-11-01 | NOTIKEWIN LL       |
| 0514 266039 2012-03-01 | NOTIKEWIN MM       |
| 0514 266040 2014-03-01 | NOTIKEWIN NN       |
| 0514 266041 2015-06-01 | NOTIKEWIN OO       |
| 0514 266042 2015-10-01 | NOTIKEWIN PP       |
| 0514 266043 2015-10-01 | NOTIKEWIN QQ       |
| 0514 266044 2015-10-01 | NOTIKEWIN RR       |
| 0514 271501 2015-10-01 | FALHER A           |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0514 271502 2015-10-01 | FALHER B    |
| 0514 271503 2015-10-01 | FALHER C    |
| 0514 271504 2015-10-01 | FALHER D    |
| 0514 271505 2015-10-01 | FALHER E    |
|                        |             |
| 0514 304001 2010-04-01 | BLUESKY A   |
| 0514 304002 2012-05-01 | BLUESKY B   |
| 0514 304003 2009-08-01 | BLUESKY C   |
| 0514 304004 2015-11-01 | BLUESKY D   |
| 0514 304006 2001-02-01 | BLUESKY F   |
| 0514 304008 2001-02-01 | BLUESKY H   |
| 0514 304012 2013-07-01 | BLUESKY L   |
| 0514 304013 2012-11-01 | BLUESKY M   |
| 0514 304014 2006-04-01 | BLUESKY N   |
| 0514 304016 2010-04-01 | BLUESKY P   |
| 0514 304018 2011-08-01 | BLUESKY R   |
| 0514 304021 2010-04-01 | BLUESKY U   |
| 0514 304029 2011-05-01 | BLUESKY CC  |
| 0514 304031 2010-03-01 | BLUESKY EE  |
| 0514 304034 2010-04-01 | BLUESKY HH  |
| 0514 304036 2010-04-01 | BLUESKY JJ  |
| 0514 304037 2010-04-01 | BLUESKY KK  |
| 0514 304038 2006-07-01 | BLUESKY LL  |
| 0514 304039 2006-10-01 | BLUESKY MM  |
| 0514 304041 2008-05-01 | BLUESKY OO  |
| 0514 304044 2011-04-01 | BLUESKY RR  |
| 0514 304045 2010-12-01 | BLUESKY SS  |
| 0514 304046 2012-01-01 | BLUESKY TT  |
| 0514 304047 2015-10-01 | BLUESKY UU  |
| 0514 304048 2015-10-01 | BLUESKY VV  |
| 0514 304049 2015-10-01 | BLUESKY WW  |
| 0514 304050 2015-10-01 | BLUESKY XX  |
| 0514 304051 2015-10-01 | BLUESKY YY  |
| 0514 304052 2015-10-01 | BLUESKY ZZ  |
| 0514 304101 2015-10-01 | BLUESKY AAA |
| 0514 304102 2015-10-01 | BLUESKY BBB |
| 0514 304103 2015-10-01 | BLUESKY CCC |
| 0514 304104 2015-10-01 | BLUESKY DDD |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0514 304105 2015-10-01 | BLUESKY EEE |
| 0514 304106 2015-10-01 | BLUESKY FFF |
| 0514 304107 2015-10-01 | BLUESKY GGG |
| 0514 304108 2015-10-01 | BLUESKY HHH |
| 0514 304109 2015-10-01 | BLUESKY III |
| 0514 304110 2015-10-01 | BLUESKY JJJ |
| 0514 304111 2015-10-01 | BLUESKY KKK |
| 0514 304112 2015-10-01 | BLUESKY LLL |
|                        |             |
| 0514 326001 2011-08-01 | GETHING A   |
| 0514 326011 2011-08-01 | GETHING K   |
| 0514 326012 2011-04-01 | GETHING L   |
| 0514 326013 2001-02-01 | GETHING M   |
| 0514 326014 2010-04-01 | GETHING N   |
| 0514 326015 2002-11-01 | GETHING O   |
| 0514 326016 2002-01-01 | GETHING P   |
| 0514 326018 2011-08-01 | GETHING R   |
| 0514 326020 2001-11-01 | GETHING T   |
| 0514 326021 2001-02-01 | GETHING U   |
| 0514 326022 2001-02-01 | GETHING V   |
| 0514 326023 2001-02-01 | GETHING W   |
| 0514 326024 2011-08-01 | GETHING X   |
| 0514 326028 2001-02-01 | GETHING BB  |
| 0514 326029 2001-02-01 | GETHING CC  |
| 0514 326030 2001-02-01 | GETHING DD  |
| 0514 326031 2011-08-01 | GETHING EE  |
| 0514 326032 2013-12-01 | GETHING FF  |
| 0514 326033 2007-10-01 | GETHING GG  |
| 0514 326034 2001-02-01 | GETHING HH  |
| 0514 326035 2010-04-01 | GETHING II  |
| 0514 326036 2001-02-01 | GETHING JJ  |
| 0514 326037 2010-04-01 | GETHING KK  |
| 0514 326038 2001-02-01 | GETHING LL  |
| 0514 326039 2010-04-01 | GETHING MM  |
| 0514 326041 2001-02-01 | GETHING OO  |
| 0514 326042 2010-04-01 | GETHING PP  |
| 0514 326043 2001-02-01 | GETHING QQ  |
| 0514 326044 2001-02-01 | GETHING RR  |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0514 326045 2001-02-01 | GETHING SS  |
| 0514 326051 2001-02-01 | GETHING YY  |
| 0514 326602 2001-02-01 | GETHING BBB |
| 0514 326603 2001-02-01 | GETHING CCC |
| 0514 326604 2012-02-01 | GETHING DDD |
| 0514 326605 2001-02-01 | GETHING EEE |
| 0514 326608 2001-02-01 | GETHING HHH |
| 0514 326609 2001-02-01 | GETHING III |
| 0514 326611 2012-03-01 | GETHING KKK |
| 0514 326613 2001-02-01 | GETHING MMM |
| 0514 326617 2010-04-01 | GETHING QQQ |
| 0514 326620 2001-02-01 | GETHING TTT |
| 0514 326621 2013-08-01 | GETHING UUU |
| 0514 326624 2001-02-01 | GETHING XXX |
| 0514 326625 2010-04-01 | GETHING YYY |
| 0514 326626 2001-02-01 | GETHING ZZZ |
| 0514 326627 2001-02-01 | GETHING A2A |
| 0514 326628 2001-02-01 | GETHING B2B |
| 0514 326630 2001-03-01 | GETHING D2D |
| 0514 326632 2001-03-01 | GETHING F2F |
| 0514 326633 2001-07-01 | GETHING G2G |
| 0514 326634 2001-11-01 | GETHING H2H |
| 0514 326635 2004-07-01 | GETHING I2I |
| 0514 326638 2012-02-01 | GETHING L2L |
| 0514 326639 2001-12-01 | GETHING M2M |
| 0514 326640 2006-07-01 | GETHING N2N |
| 0514 326641 2010-07-01 | GETHING O2O |
| 0514 326642 2002-02-01 | GETHING P2P |
| 0514 326644 2002-06-01 | GETHING R2R |
| 0514 326646 2002-09-01 | GETHING T2T |
| 0514 326647 2004-05-01 | GETHING U2U |
| 0514 326648 2002-11-01 | GETHING V2V |
| 0514 326649 2002-11-01 | GETHING W2W |
| 0514 326650 2002-11-01 | GETHING X2X |
| 0514 326651 2005-03-01 | GETHING Y2Y |
| 0514 326652 2002-11-01 | GETHING Z2Z |
| 0514 327305 2003-01-01 | GETHING E3E |
| 0514 327310 2003-04-01 | GETHING J3J |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0514 327315 2008-10-01 | GETHING O3O |
| 0514 327316 2011-11-01 | GETHING P3P |
| 0514 327317 2011-11-01 | GETHING Q3Q |
| 0514 327319 2003-12-01 | GETHING S3S |
| 0514 327322 2004-07-01 | GETHING V3V |
| 0514 327325 2010-04-01 | GETHING Y3Y |
| 0514 327326 2004-09-01 | GETHING Z3Z |
| 0514 327328 2005-02-01 | GETHING B4B |
| 0514 327329 2005-06-01 | GETHING C4C |
| 0514 327331 2005-10-01 | GETHING E4E |
| 0514 327334 2005-10-01 | GETHING H4H |
| 0514 327336 2010-01-01 | GETHING J4J |
| 0514 327337 2006-04-01 | GETHING K4K |
| 0514 327339 2006-07-01 | GETHING M4M |
| 0514 327341 2010-04-01 | GETHING O4O |
| 0514 327342 2010-04-01 | GETHING P4P |
| 0514 327343 2010-04-01 | GETHING Q4Q |
| 0514 327345 2007-07-01 | GETHING S4S |
| 0514 327346 2007-07-01 | GETHING T4T |
| 0514 327347 2007-12-01 | GETHING U4U |
| 0514 327348 2008-07-01 | GETHING V4V |
| 0514 327802 2008-09-01 | GETHING B5B |
| 0514 327804 2011-04-01 | GETHING D5D |
| 0514 327807 2010-04-01 | GETHING G5G |
| 0514 327813 2010-04-01 | GETHING M5M |
| 0514 327815 2009-03-01 | GETHING O5O |
| 0514 327816 2009-05-01 | GETHING P5P |
| 0514 327820 2009-11-01 | GETHING T5T |
| 0514 327821 2009-11-01 | GETHING U5U |
| 0514 327822 2014-02-01 | GETHING V5V |
| 0514 327823 2010-04-01 | GETHING W5W |
| 0514 327824 2010-10-01 | GETHING X5X |
| 0514 327825 2011-05-01 | GETHING Y5Y |
| 0514 327826 2012-11-01 | GETHING Z5Z |
| 0514 327827 2013-06-01 | GETHING A6A |
| 0514 327828 2013-07-01 | GETHING B6B |
| 0514 327829 2013-09-01 | GETHING C6C |
| 0514 327830 2013-12-01 | GETHING D6D |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0514 327831 2015-10-01 | GETHING E6E |
| 0514 327832 2015-10-01 | GETHING F6F |
| 0514 327833 2015-10-01 | GETHING G6G |
| 0514 327834 2015-10-01 | GETHING H6H |
| 0514 327835 2015-10-01 | GETHING I6I |
| 0514 327836 2015-10-01 | GETHING J6J |
| 0514 327837 2015-10-01 | GETHING K6K |
| 0514 327838 2015-10-01 | GETHING L6L |
| 0514 327839 2015-10-01 | GETHING M6M |
| 0514 327840 2015-10-01 | GETHING N6N |
| 0514 327841 2015-10-01 | GETHING O6O |
| 0514 327842 2015-10-01 | GETHING P6P |
| 0514 327843 2015-10-01 | GETHING Q6Q |
| 0514 327844 2015-10-01 | GETHING R6R |
| 0514 327845 2015-10-01 | GETHING S6S |
| 0514 327846 2015-10-01 | GETHING T6T |
| 0514 327847 2015-10-01 | GETHING U6U |
| 0514 327848 2015-10-01 | GETHING V6V |
| 0514 327849 2015-10-01 | GETHING W6W |
| 0514 327850 2015-10-01 | GETHING X6X |
| 0514 327851 2015-10-01 | GETHING Y6Y |
| 0514 327852 2015-10-01 | GETHING Z6Z |
| 0514 328101 2015-10-01 | GETHING A7A |
| 0514 328102 2015-10-01 | GETHING B7B |
| 0514 328103 2015-10-01 | GETHING C7C |
| 0514 328104 2015-10-01 | GETHING D7D |
| 0514 328105 2015-10-01 | GETHING E7E |
| 0514 328106 2015-10-01 | GETHING F7F |
| 0514 328107 2015-10-01 | GETHING G7G |
| 0514 328108 2015-10-01 | GETHING H7H |
| 0514 328109 2015-10-01 | GETHING I7I |
| 0514 328110 2015-10-01 | GETHING J7J |
| 0514 348006 2001-02-01 | CADOMIN F   |
| 0514 348008 2001-02-01 | CADOMIN H   |
| 0514 348016 2009-05-01 | CADOMIN P   |
| 0514 348017 2015-10-01 | CADOMIN Q   |
| 0514 348018 2015-10-01 | CADOMIN R   |

**POOL DESIGNATION (cont'd)**

|                        |              |
|------------------------|--------------|
| 0514 348019 2015-10-01 | CADOMIN S    |
| 0514 348020 2015-10-01 | CADOMIN T    |
| 0514 348021 2015-10-01 | CADOMIN U    |
| 0514 348022 2015-10-01 | CADOMIN V    |
| 0514 348023 2015-10-01 | CADOMIN W    |
| 0514 348024 2015-10-01 | CADOMIN X    |
| 0514 348025 2015-10-01 | CADOMIN Y    |
| 0514 348026 2015-10-01 | CADOMIN Z    |
| 0514 348027 2015-10-01 | CADOMIN AA   |
| 0514 348028 2015-10-01 | CADOMIN BB   |
| 0514 348029 2015-10-01 | CADOMIN CC   |
| 0514 348030 2015-10-01 | CADOMIN DD   |
| 0514 348031 2015-10-01 | CADOMIN EE   |
| 0514 348032 2015-10-01 | CADOMIN FF   |
| 0514 348033 2015-10-01 | CADOMIN GG   |
| 0514 348034 2015-10-01 | CADOMIN HH   |
| 0514 348035 2015-10-01 | CADOMIN II   |
| 0514 348036 2015-10-01 | CADOMIN JJ   |
| 0514 348037 2015-10-01 | CADOMIN KK   |
| 0514 432001 2001-02-01 | ROCK CREEK A |
| 0514 432002 2010-04-01 | ROCK CREEK B |
| 0514 444001 2010-10-01 | NORDEGG A    |
| 0514 444002 2002-03-01 | NORDEGG B    |
| 0514 444003 2003-12-01 | NORDEGG C    |
| 0514 444004 2013-03-01 | NORDEGG D    |
| 0514 444005 2013-04-01 | NORDEGG E    |
| 0514 444006 2007-07-01 | NORDEGG F    |
| 0514 444007 2008-07-01 | NORDEGG G    |
| 0514 444008 2010-04-01 | NORDEGG H    |
| 0514 444009 2009-10-01 | NORDEGG I    |
| 0514 444010 2010-04-01 | NORDEGG J    |
| 0514 444011 2010-07-01 | NORDEGG K    |
| 0514 444012 2010-11-01 | NORDEGG L    |
| 0514 444013 2010-12-01 | NORDEGG M    |
| 0514 444014 2013-06-01 | NORDEGG N    |
| 0514 444015 2015-10-01 | NORDEGG O    |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0514 444016 2015-10-01 | NORDEGG P   |
| 0514 444017 2015-10-01 | NORDEGG Q   |
| 0514 444018 2015-10-01 | NORDEGG R   |
| 0514 444019 2015-10-01 | NORDEGG S   |
|                        |             |
| 0514 500001 2013-06-01 | TRIASSIC A  |
| 0514 500002 2010-04-01 | TRIASSIC B  |
| 0514 500005 2001-02-01 | TRIASSIC E  |
| 0514 500015 2006-08-01 | TRIASSIC O  |
| 0514 500018 2007-07-01 | TRIASSIC R  |
| 0514 500025 2007-07-01 | TRIASSIC Y  |
| 0514 500037 2010-04-01 | TRIASSIC KK |
| 0514 500039 2011-11-01 | TRIASSIC MM |
| 0514 500040 2010-03-01 | TRIASSIC NN |
| 0514 500045 2013-06-01 | TRIASSIC SS |
| 0514 500046 2013-04-01 | TRIASSIC TT |
| 0514 500047 2015-10-01 | TRIASSIC UU |
| 0514 500048 2015-10-01 | TRIASSIC VV |
| 0514 500049 2015-10-01 | TRIASSIC WW |
| 0514 500050 2015-10-01 | TRIASSIC XX |
|                        |             |
| 0514 524001 2015-05-01 | MONTNEY A   |
| 0514 524002 2015-10-01 | MONTNEY B   |
|                        |             |
| 0514 638001 2015-10-01 | ELKTON A    |
| 0514 638002 2015-10-01 | ELKTON B    |
|                        |             |
| 0514 640001 2001-02-01 | SHUNDA A    |
|                        |             |
| 0514 658001 2001-02-01 | WABAMUN A   |
| 0514 658002 2015-10-01 | WABAMUN B   |
| 0514 658003 2015-10-01 | WABAMUN C   |
| 0514 658004 2015-10-01 | WABAMUN D   |
| 0514 658005 2015-10-01 | WABAMUN E   |
|                        |             |
| 0514 680001 2001-02-01 | BLUERIDGE A |
| 0514 680002 2001-02-01 | BLUERIDGE B |
| 0514 680003 2001-02-01 | BLUERIDGE C |

**POOL DESIGNATION (cont'd)**

|                        |             |
|------------------------|-------------|
| 0514 680004 2001-02-01 | BLUERIDGE D |
| 0514 680005 2001-02-01 | BLUERIDGE E |
| 0514 696002 2001-02-01 | NISKU B     |
| 0514 696003 2003-09-01 | NISKU C     |
| 0514 696004 2010-04-01 | NISKU D     |
| 0514 696005 2001-02-01 | NISKU E     |
| 0514 696006 2015-10-01 | NISKU F     |
| 0514 720001 2001-07-01 | LEDUC A     |
| 0514 720002 2015-10-01 | LEDUC B     |
| 0514 720003 2015-10-01 | LEDUC C     |
| 0514 720004 2015-10-01 | LEDUC D     |
| 0514 720005 2015-10-01 | LEDUC E     |
| 0514 720006 2015-10-01 | LEDUC F     |
| 0514 720007 2015-10-01 | LEDUC G     |
| 0514 720008 2015-10-01 | LEDUC H     |
| 0514 720009 2015-10-01 | LEDUC I     |
| 0514 728006 2013-10-01 | DUVERNAY F  |
| 0514 728007 2014-02-01 | DUVERNAY G  |
| 0514 728008 2013-10-01 | DUVERNAY H  |
| 0514 728011 2015-02-01 | DUVERNAY K  |
| 0514 728013 2015-10-01 | DUVERNAY M  |
| 0514 728014 2015-02-01 | DUVERNAY N  |
| 0514 728015 2015-02-01 | DUVERNAY O  |
| 0514 728016 2015-03-01 | DUVERNAY P  |
| 0514 728017 2015-02-01 | DUVERNAY Q  |
| 0514 728018 2015-02-01 | DUVERNAY R  |
| 0514 728019 2015-02-01 | DUVERNAY S  |
| 0514 728020 2015-02-01 | DUVERNAY T  |
| 0514 728021 2015-02-01 | DUVERNAY U  |
| 0514 728022 2015-02-01 | DUVERNAY V  |
| 0514 728023 2015-02-01 | DUVERNAY W  |
| 0514 728024 2015-03-01 | DUVERNAY X  |
| 0514 728025 2015-02-01 | DUVERNAY Y  |
| 0514 728026 2015-02-01 | DUVERNAY Z  |
| 0514 728027 2015-04-01 | DUVERNAY AA |

**POOL DESIGNATION (cont'd)**

|                        |                   |
|------------------------|-------------------|
| 0514 728028 2015-03-01 | DUVERNAY BB       |
| 0514 728029 2016-03-01 | DUVERNAY CC       |
| 0514 728030 2015-02-01 | DUVERNAY DD       |
| 0514 728031 2015-02-01 | DUVERNAY EE       |
| 0514 728032 2015-03-01 | DUVERNAY FF       |
| 0514 728033 2015-02-01 | DUVERNAY GG       |
| 0514 728034 2015-05-01 | DUVERNAY HH       |
| 0514 728035 2015-02-01 | DUVERNAY II       |
| 0514 728036 2015-02-01 | DUVERNAY JJ       |
| 0514 728037 2015-02-01 | DUVERNAY KK       |
| 0514 728038 2015-02-01 | DUVERNAY LL       |
| 0514 728039 2015-02-01 | DUVERNAY MM       |
| 0514 728040 2015-02-01 | DUVERNAY NN       |
| 0514 728041 2015-02-01 | DUVERNAY OO       |
| 0514 728042 2015-02-01 | DUVERNAY PP       |
| 0514 728043 2015-02-01 | DUVERNAY QQ       |
| 0514 728044 2015-02-01 | DUVERNAY RR       |
| 0514 728045 2015-02-01 | DUVERNAY SS       |
| 0514 728046 2015-02-01 | DUVERNAY TT       |
| 0514 728047 2015-02-01 | DUVERNAY UU       |
| 0514 728048 2015-02-01 | DUVERNAY VV       |
| 0514 728049 2015-03-01 | DUVERNAY WW       |
| 0514 728050 2015-05-01 | DUVERNAY XX       |
| 0514 744001 2010-04-01 | BEAVERHILL LAKE A |
| 0514 851700 2015-05-01 | MFP8517 GETHING   |
| 0514 855400 2015-10-01 | MFP8554 DUNVEGAN  |

**SPACING PATTERN**

SU 4235 2 Dec 2004  
 SU 4235A 28 Jan 2005  
 SU 4235B 17 Feb 2005  
 SU 4235C 12 Mar 2005  
 SU 4235D 5 Aug 2005  
 SU 4235E 30 Sep 2005  
 SU 4235F 18 Nov 2005  
 SU 4235G 15 Feb 2006  
 SU 4235H 21 Mar 2006  
 SU 4235I 5 Jul 2006  
 SU 4235J 12 Dec 2006  
 SU 4235K 15 Feb 2007  
 SU 4235L 28 Aug 2007  
 SU 4235M 21 Sep 2007

**MISCELLANEOUS ORDERS**

MISC 7210 5 Sep 1972  
 Extension of deadline date for  
 installation of equipment for  
 continuous monitoring of  
 incinerator stack emission at  
 Chevron Kaybob South Beaverhill  
 Lake Gas Unit No. 3 gas plant

**COMMINGLED PRODUCTION**

MU 8765 3 Nov 2015

**GAS CYCLING**

App 3106 14 Jul 1980  
  
 App 3106A 19 Jan 1990  
 Beaverhill Lake Gas Unit No. 1  
 Amoco Canada Resources Ltd.

**GAS CYCLING (cont'd)**

App 6136 2 Jan 1990  
 Beaverhill Lake Gas Unit No. 2  
 Amoco Canada Resources Ltd.

**ENHANCED RECOVERY SCHEMES**

App 11811C 1 Oct 2015  
 Waterflood  
 Cardium D  
 TORC Oil & Gas Ltd.

App 6137 2 Jan 1990

App 6137A 16 Sep 2004

App 6137B 24 Apr 2006  
 Gas Cycling Beaverhill Gas Unit 3  
 Blowdown  
 Trilogy Energy Ltd.

App 3679K 16 Jun 2015  
 Waterflood  
 Triassic A  
 Penn West Petroleum Ltd.

App 4068J 27 Apr 2015  
 Chemical  
 Triassic A  
 Penn West Petroleum Ltd.

App 12247E 23 Mar 2017  
 Waterflood  
 Dunvegan E  
 Tangle Creek Energy Ltd.

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

App 12597 20 Mar 2017  
Waterflood  
Dunvegan B  
Tangle Creek Energy Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 10982B 2 Oct 2015  
Class II  
Apache Canada Ltd.

App 7719A 17 Sep 2012  
Class Ib  
SemCAMS ULC

App 7839A 2 Jan 2013  
Class II  
Long Run Exploration Ltd.

App 8104A 10 Sep 2012  
Class Ib  
SemCAMS ULC

App 8140G 16 May 2017  
Class II & Ib  
Tervita Corporation

App 11207A 8 Sep 2010  
Class Ib  
Secure Energy Services Inc.

App 12448 7 Oct 2015  
Class II & Ib  
Delphi Energy Corp.

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

App 12453 7 Dec 2015  
Class II & Ib  
Encana Corporation

App 12513 17 May 2016  
Class II & Ib  
Ceiba Energy

App 12527A 21 Sep 2016  
Class II & Ib  
Newalta Corporation

**COMPULSORY POOLING**

P 446 23 Oct 2013

P 446A 18 Nov 2013

**FIELD DESIGNATION**

0520 2014-09-01 KEHO FIELD

**POOL DESIGNATION**

0520 158001 2014-09-01 MILK RIVER A

0520 204001 2010-04-01 BARONS A

0520 204002 2007-05-01 BARONS B

0520 204003 2010-04-01 BARONS C

0520 204004 2014-01-01 BARONS D

0520 204005 2007-05-01 BARONS E

0520 204006 2007-05-01 BARONS F

0520 204007 2012-01-01 BARONS G

0520 204008 2013-03-01 BARONS H

0520 204009 2014-09-01 BARONS I

0520 204010 2014-09-01 BARONS J

0520 213002 2010-04-01 BOW ISLAND B

0520 213003 2010-04-01 BOW ISLAND C

0520 213005 2001-02-01 BOW ISLAND E

0520 213006 2001-02-01 BOW ISLAND F

0520 213007 2010-04-01 BOW ISLAND G

0520 213008 2001-02-01 BOW ISLAND H

0520 213009 2010-04-01 BOW ISLAND I

0520 213010 2001-02-01 BOW ISLAND J

0520 213011 2001-02-01 BOW ISLAND K

0520 213012 2001-02-01 BOW ISLAND L

0520 213013 2001-02-01 BOW ISLAND M

0520 213014 2001-02-01 BOW ISLAND N

0520 213015 2001-02-01 BOW ISLAND O

0520 213016 2011-09-01 BOW ISLAND P

0520 213017 2004-12-01 BOW ISLAND Q

0520 213018 2014-01-01 BOW ISLAND R

0520 213019 2011-12-01 BOW ISLAND S

0520 213020 2004-12-01 BOW ISLAND T

0520 213021 2005-02-01 BOW ISLAND U

**POOL DESIGNATION (cont'd)**

|                        |                       |
|------------------------|-----------------------|
| 0520 213022 2010-04-01 | BOW ISLAND V          |
| 0520 213023 2007-07-01 | BOW ISLAND W          |
| 0520 213024 2007-08-01 | BOW ISLAND X          |
| 0520 213025 2010-04-01 | BOW ISLAND Y          |
| 0520 213026 2010-04-01 | BOW ISLAND Z          |
| 0520 213027 2014-01-01 | BOW ISLAND AA         |
| 0520 213028 2014-01-01 | BOW ISLAND BB         |
| 0520 213029 2014-01-01 | BOW ISLAND CC         |
| 0520 213030 2014-01-01 | BOW ISLAND DD         |
| 0520 213031 2014-09-01 | BOW ISLAND EE         |
| 0520 213032 2014-09-01 | BOW ISLAND FF         |
| 0520 213033 2014-09-01 | BOW ISLAND GG         |
| 0520 213034 2014-09-01 | BOW ISLAND HH         |
| 0520 213035 2014-09-01 | BOW ISLAND II         |
| 0520 213036 2014-09-01 | BOW ISLAND JJ         |
| <br>                   |                       |
| 0520 242001 2014-09-01 | BASAL COLORADO A      |
| <br>                   |                       |
| 0520 250001 2009-09-01 | UPPER MANNVILLE A     |
| 0520 250002 2011-05-01 | UPPER MANNVILLE B     |
| <br>                   |                       |
| 0520 300001 2001-02-01 | GLAUCONITIC A         |
| <br>                   |                       |
| 0520 332001 2001-02-01 | SUNBURST A            |
| 0520 332002 2001-02-01 | SUNBURST B            |
| 0520 332004 2001-02-01 | SUNBURST D            |
| 0520 332005 2001-02-01 | SUNBURST E            |
| 0520 332006 2001-02-01 | SUNBURST F            |
| <br>                   |                       |
| 0520 628001 2003-02-01 | LIVINGSTONE A         |
| 0520 628002 2003-02-01 | LIVINGSTONE B         |
| 0520 628003 2007-11-01 | LIVINGSTONE C         |
| 0520 628004 2014-09-01 | LIVINGSTONE D         |
| <br>                   |                       |
| 0520 644001 2001-02-01 | BANFF A               |
| <br>                   |                       |
| 0520 649001 2012-11-01 | LWR BANFF-EXSHAW-BV A |
| 0520 649002 2013-03-01 | LWR BANFF-EXSHAW-BV B |

**SPACING PATTERN**

SU 2397      15 Nov 1995

**COMMINGLED PRODUCTION**

MU 6626      21 Jun 2007

MU 8681      2 Oct 2014

**ENHANCED RECOVERY SCHEMES**

App 7427D    18 Jun 2014

Waterflood

Barons A

Verity Energy Ltd.

**FIELD DESIGNATION**

0522 2014-03-01 KELSEY FIELD

**POOL DESIGNATION**

0522 126001 2017-06-01 BELLY RIVER A  
0522 126004 2007-08-01 BELLY RIVER D  
0522 126005 2017-05-01 BELLY RIVER E  
0522 126006 2011-05-01 BELLY RIVER F  
0522 126007 2001-02-01 BELLY RIVER G  
0522 126009 2010-04-01 BELLY RIVER I  
0522 126010 2001-02-01 BELLY RIVER J  
0522 126011 2011-05-01 BELLY RIVER K  
0522 126012 2001-02-01 BELLY RIVER L  
0522 126013 2004-05-01 BELLY RIVER M  
0522 126014 2001-03-01 BELLY RIVER N  
0522 126017 2002-06-01 BELLY RIVER Q  
0522 126020 2004-11-01 BELLY RIVER T  
0522 126021 2011-12-01 BELLY RIVER U  
0522 126022 2010-01-01 BELLY RIVER V  
0522 126023 2010-01-01 BELLY RIVER W  
0522 126024 2010-04-01 BELLY RIVER X  
0522 126025 2010-06-01 BELLY RIVER Y  
0522 126026 2011-06-01 BELLY RIVER Z  
0522 126027 2016-03-01 BELLY RIVER AA

0522 134002 2010-01-01 BASAL BELLY RIVER B

0522 218001 2010-04-01 VIKING A  
0522 218002 2010-04-01 VIKING B  
0522 218003 2001-02-01 VIKING C  
0522 218005 2001-02-01 VIKING E  
0522 218006 2001-02-01 VIKING F  
0522 218007 2001-02-01 VIKING G  
0522 218008 2001-02-01 VIKING H  
0522 218009 2001-02-01 VIKING I  
0522 218010 2001-03-01 VIKING J

**POOL DESIGNATION (cont'd)**

|                        |                   |
|------------------------|-------------------|
| 0522 218011 2001-06-01 | VIKING K          |
| 0522 218012 2005-12-01 | VIKING L          |
| 0522 218013 2011-12-01 | VIKING M          |
|                        |                   |
| 0522 250001 2001-02-01 | UPPER MANNVILLE A |
|                        |                   |
| 0522 300001 2010-04-01 | GLAUCONITIC A     |
| 0522 300002 2005-08-01 | GLAUCONITIC B     |
| 0522 300007 2001-10-01 | GLAUCONITIC G     |
| 0522 300009 2004-10-01 | GLAUCONITIC I     |
| 0522 300010 2001-02-01 | GLAUCONITIC J     |
| 0522 300011 2001-02-01 | GLAUCONITIC K     |
| 0522 300012 2001-02-01 | GLAUCONITIC L     |
| 0522 300013 2001-02-01 | GLAUCONITIC M     |
| 0522 300014 2010-04-01 | GLAUCONITIC N     |
| 0522 300015 2001-02-01 | GLAUCONITIC O     |
| 0522 300016 2001-08-01 | GLAUCONITIC P     |
| 0522 300017 2001-05-01 | GLAUCONITIC Q     |
| 0522 300018 2003-09-01 | GLAUCONITIC R     |
| 0522 300019 2002-06-01 | GLAUCONITIC S     |
| 0522 300020 2004-01-01 | GLAUCONITIC T     |
| 0522 300021 2004-10-01 | GLAUCONITIC U     |
| 0522 300022 2004-10-01 | GLAUCONITIC V     |
| 0522 300023 2006-08-01 | GLAUCONITIC W     |
| 0522 300024 2009-03-01 | GLAUCONITIC X     |
| 0522 300025 2007-11-01 | GLAUCONITIC Y     |
| 0522 300026 2015-09-01 | GLAUCONITIC Z     |
| 0522 300027 2013-07-01 | GLAUCONITIC AA    |
| 0522 300028 2014-03-01 | GLAUCONITIC BB    |
|                        |                   |
| 0522 310002 2010-04-01 | LOWER MANNVILLE B |
| 0522 310004 2001-02-01 | LOWER MANNVILLE D |
| 0522 310006 2001-02-01 | LOWER MANNVILLE F |
| 0522 310007 2001-02-01 | LOWER MANNVILLE G |
| 0522 310008 2001-02-01 | LOWER MANNVILLE H |
| 0522 310009 2001-02-01 | LOWER MANNVILLE I |
| 0522 310010 2001-10-01 | LOWER MANNVILLE J |
| 0522 310011 2002-04-01 | LOWER MANNVILLE K |

**POOL DESIGNATION (cont'd)**

|             |            |                       |
|-------------|------------|-----------------------|
| 0522 310012 | 2001-02-01 | LOWER MANNVILLE L     |
| 0522 310014 | 2001-02-01 | LOWER MANNVILLE N     |
| 0522 310015 | 2008-06-01 | LOWER MANNVILLE O     |
| 0522 310016 | 2001-03-01 | LOWER MANNVILLE P     |
| 0522 310017 | 2001-03-01 | LOWER MANNVILLE Q     |
| 0522 310018 | 2004-05-01 | LOWER MANNVILLE R     |
| 0522 310020 | 2001-06-01 | LOWER MANNVILLE T     |
| 0522 310021 | 2001-06-01 | LOWER MANNVILLE U     |
| 0522 310022 | 2004-02-01 | LOWER MANNVILLE V     |
| 0522 310023 | 2015-02-01 | LOWER MANNVILLE W     |
| 0522 310025 | 2004-02-01 | LOWER MANNVILLE Y     |
| 0522 310026 | 2004-05-01 | LOWER MANNVILLE Z     |
| 0522 310027 | 2004-05-01 | LOWER MANNVILLE AA    |
| 0522 310028 | 2005-03-01 | LOWER MANNVILLE BB    |
| 0522 310029 | 2007-02-01 | LOWER MANNVILLE CC    |
| 0522 310030 | 2015-09-01 | LOWER MANNVILLE DD    |
| 0522 310031 | 2015-09-01 | LOWER MANNVILLE EE    |
| 0522 310032 | 2007-10-01 | LOWER MANNVILLE FF    |
| 0522 310033 | 2008-04-01 | LOWER MANNVILLE GG    |
| 0522 310035 | 2013-11-01 | LOWER MANNVILLE II    |
| 0522 310036 | 2009-07-01 | LOWER MANNVILLE JJ    |
| 0522 310037 | 2014-03-01 | LOWER MANNVILLE KK    |
| 0522 853400 | 2014-03-01 | MFP8534 BSL BELLY RIV |

**SPACING PATTERN**

|          |             |
|----------|-------------|
| SU 4049  | 13 Feb 2003 |
| SU 4049A | 7 May 2005  |
| SU 4049B | 26 Oct 2005 |
| SU 4049C | 26 Sep 2007 |

**ENHANCED RECOVERY SCHEMES**

|                      |             |
|----------------------|-------------|
| App 8873J            | 29 Sep 2014 |
| Waterflood           |             |
| Lower Mannville K    |             |
| Ember Resources Inc. |             |

**COMMINGLED PRODUCTION**

|        |             |
|--------|-------------|
| MU 385 | 29 Dec 1983 |
|--------|-------------|

**FIELD DESIGNATION**

0523 2014-09-01 KENT FIELD

**POOL DESIGNATION**

0523 186001 2014-09-01 SECOND WHITE SPECKS A

0523 211001 2014-09-01 LOWER COLORADO A

0523 256002 2001-10-01 COLONY B

0523 256003 2001-02-01 COLONY C

0523 256004 2010-04-01 COLONY D

0523 256005 2010-04-01 COLONY E

0523 256006 2001-02-01 COLONY F

0523 256007 2001-03-01 COLONY G

0523 256008 2001-08-01 COLONY H

0523 256009 2002-02-01 COLONY I

0523 256012 2004-04-01 COLONY L

0523 256013 2005-03-01 COLONY M

0523 262002 2010-04-01 GRAND RAPIDS B

0523 262003 2001-02-01 GRAND RAPIDS C

0523 262004 2001-02-01 GRAND RAPIDS D

0523 262005 2001-02-01 GRAND RAPIDS E

0523 262006 2001-02-01 GRAND RAPIDS F

0523 262007 2008-07-01 GRAND RAPIDS G

0523 262008 2001-02-01 GRAND RAPIDS H

0523 262009 2001-02-01 GRAND RAPIDS I

0523 262011 2001-02-01 GRAND RAPIDS K

0523 262013 2003-07-01 GRAND RAPIDS M

0523 262015 2014-09-01 GRAND RAPIDS O

0523 262016 2014-09-01 GRAND RAPIDS P

0523 262017 2014-09-01 GRAND RAPIDS Q

0523 262018 2014-09-01 GRAND RAPIDS R

0523 262019 2014-09-01 GRAND RAPIDS S

0523 262020 2014-09-01 GRAND RAPIDS T

0523 262021 2014-09-01 GRAND RAPIDS U

**POOL DESIGNATION (cont'd)**

0523 262022 2014-09-01 GRAND RAPIDS V  
0523 262023 2014-09-01 GRAND RAPIDS W  
0523 262024 2014-09-01 GRAND RAPIDS X  
0523 262025 2014-09-01 GRAND RAPIDS Y  
0523 262026 2014-09-01 GRAND RAPIDS Z  
0523 262027 2014-09-01 GRAND RAPIDS AA

0523 270001 2001-02-01 WASECA A  
0523 270002 2003-01-01 WASECA B  
0523 270003 2005-03-01 WASECA C  
0523 270004 2014-09-01 WASECA D  
0523 270005 2014-09-01 WASECA E  
0523 270006 2014-09-01 WASECA F  
0523 270007 2014-09-01 WASECA G

0523 276001 2014-09-01 SPARKY A  
0523 276002 2014-09-01 SPARKY B

0523 280001 2010-04-01 CLEARWATER A  
0523 280002 2002-12-01 CLEARWATER B  
0523 280003 2002-04-01 CLEARWATER C  
0523 280004 2008-05-01 CLEARWATER D  
0523 280005 2014-09-01 CLEARWATER E

**SPACING PATTERN**

SU 2619 17 Apr 1996  
SU 2619A 12 May 1999  
SU 2619B 7 Dec 2004  
SU 2619C 3 Mar 2006

**SUBSURFACE DISPOSAL SCHEMES**

App 10020 10 Sep 2004  
Class II  
Baytex Energy Ltd.

**COMMINGLED PRODUCTION**

MU 8682 12 Sep 2014

**FIELD DESIGNATION**

0344 2007-10-01 KIDNEY FIELD

**POOL DESIGNATION**

0344 304001 2010-04-01 BLUESKY A  
0344 304002 2001-02-01 BLUESKY B  
0344 304003 2001-09-01 BLUESKY C  
0344 304004 2001-03-01 BLUESKY D  
0344 304005 2001-03-01 BLUESKY E  
0344 304006 2001-03-01 BLUESKY F  
0344 304007 2002-05-01 BLUESKY G  
0344 304008 2003-08-01 BLUESKY H  
0344 304009 2006-03-01 BLUESKY I

0344 758001 2001-02-01 SLAVE POINT A  
0344 758002 2001-02-01 SLAVE POINT B  
0344 758003 2001-02-01 SLAVE POINT C  
0344 758004 2013-03-01 SLAVE POINT D

0344 772101 2011-09-01 KEG RIVER A  
0344 772102 2010-04-01 KEG RIVER B  
0344 772103 2010-04-01 KEG RIVER C  
0344 772104 2008-06-01 KEG RIVER D  
0344 772109 2010-04-01 KEG RIVER I  
0344 772110 2008-06-01 KEG RIVER J  
0344 772111 2008-06-01 KEG RIVER K  
0344 772112 2010-04-01 KEG RIVER L  
0344 772113 2008-06-01 KEG RIVER M  
0344 772114 2008-06-01 KEG RIVER N  
0344 772115 2008-06-01 KEG RIVER O  
0344 772116 2008-06-01 KEG RIVER P  
0344 772117 2008-06-01 KEG RIVER Q  
0344 772118 2008-06-01 KEG RIVER R  
0344 772119 2008-06-01 KEG RIVER S  
0344 772120 2008-06-01 KEG RIVER T  
0344 772122 2008-06-01 KEG RIVER V

**POOL DESIGNATION (cont'd)**

|                        |               |
|------------------------|---------------|
| 0344 772123 2008-06-01 | KEG RIVER W   |
| 0344 772124 2008-06-01 | KEG RIVER X   |
| 0344 772125 2008-06-01 | KEG RIVER Y   |
| 0344 772128 2011-10-01 | KEG RIVER BB  |
| 0344 772129 2010-04-01 | KEG RIVER CC  |
| 0344 772130 2008-06-01 | KEG RIVER DD  |
| 0344 772131 2010-04-01 | KEG RIVER EE  |
| 0344 772132 2008-06-01 | KEG RIVER FF  |
| 0344 772133 2008-06-01 | KEG RIVER GG  |
| 0344 772134 2008-06-01 | KEG RIVER HH  |
| 0344 772135 2008-06-01 | KEG RIVER II  |
| 0344 772136 2008-06-01 | KEG RIVER JJ  |
| 0344 772137 2008-06-01 | KEG RIVER KK  |
| 0344 772138 2008-06-01 | KEG RIVER LL  |
| 0344 772139 2008-06-01 | KEG RIVER MM  |
| 0344 772140 2008-06-01 | KEG RIVER NN  |
| 0344 772141 2008-06-01 | KEG RIVER OO  |
| 0344 772142 2008-06-01 | KEG RIVER PP  |
| 0344 772143 2010-04-01 | KEG RIVER QQ  |
| 0344 772144 2008-06-01 | KEG RIVER RR  |
| 0344 772145 2008-06-01 | KEG RIVER SS  |
| 0344 772146 2008-06-01 | KEG RIVER TT  |
| 0344 772147 2008-06-01 | KEG RIVER UU  |
| 0344 772148 2008-06-01 | KEG RIVER VV  |
| 0344 772149 2008-06-01 | KEG RIVER WW  |
| 0344 772150 2008-06-01 | KEG RIVER XX  |
| 0344 772151 2008-06-01 | KEG RIVER YY  |
| 0344 772152 2008-06-01 | KEG RIVER ZZ  |
| 0344 772201 2008-06-01 | KEG RIVER AAA |
| 0344 772202 2008-06-01 | KEG RIVER BBB |
| 0344 772203 2008-06-01 | KEG RIVER CCC |
| 0344 772204 2008-06-01 | KEG RIVER DDD |
| 0344 772205 2008-06-01 | KEG RIVER EEE |
| 0344 772210 2008-06-01 | KEG RIVER JJJ |
| 0344 772213 2008-06-01 | KEG RIVER MMM |
| 0344 772214 2008-06-01 | KEG RIVER NNN |
| 0344 772215 2008-06-01 | KEG RIVER OOO |
| 0344 772218 2008-06-01 | KEG RIVER RRR |

**POOL DESIGNATION (cont'd)**

|             |            |               |
|-------------|------------|---------------|
| 0344 772221 | 2008-06-01 | KEG RIVER UUU |
| 0344 772222 | 2011-09-01 | KEG RIVER VVV |
| 0344 772223 | 2008-06-01 | KEG RIVER WWW |
| 0344 772224 | 2008-06-01 | KEG RIVER XXX |
| 0344 772225 | 2008-06-01 | KEG RIVER YYY |
| 0344 772226 | 2008-06-01 | KEG RIVER ZZZ |
| 0344 772227 | 2008-06-01 | KEG RIVER A2A |
| 0344 772228 | 2008-06-01 | KEG RIVER B2B |
| 0344 772229 | 2008-06-01 | KEG RIVER C2C |
| 0344 772230 | 2008-06-01 | KEG RIVER D2D |
| 0344 772231 | 2008-06-01 | KEG RIVER E2E |
| 0344 772232 | 2008-06-01 | KEG RIVER F2F |
| 0344 772233 | 2008-06-01 | KEG RIVER G2G |
| 0344 772234 | 2008-06-01 | KEG RIVER H2H |
| 0344 772235 | 2008-06-01 | KEG RIVER I2I |
| 0344 772236 | 2008-06-01 | KEG RIVER J2J |
| 0344 772237 | 2008-06-01 | KEG RIVER K2K |
| 0344 772238 | 2008-06-01 | KEG RIVER L2L |
| 0344 772239 | 2008-06-01 | KEG RIVER M2M |
| 0344 772240 | 2010-05-01 | KEG RIVER N2N |
| 0344 772241 | 2008-06-01 | KEG RIVER O2O |
| 0344 772242 | 2008-11-01 | KEG RIVER P2P |
| 0344 772243 | 2008-11-01 | KEG RIVER Q2Q |
| 0344 772244 | 2008-11-01 | KEG RIVER R2R |
| 0344 772245 | 2013-05-01 | KEG RIVER S2S |
| 0344 772246 | 2013-05-01 | KEG RIVER T2T |
| 0344 772247 | 2016-09-01 | KEG RIVER U2U |

**SPACING PATTERN**

|          |             |
|----------|-------------|
| SU 2178  | 16 May 1995 |
| SU 2178A | 25 Jun 1996 |
| SU 2178B | 11 Jul 1996 |
| SU 2178C | 18 Nov 1999 |
| SU 2178D | 14 Dec 1999 |
| SU 2178E | 22 Feb 2000 |
| SU 2178F | 26 Oct 2000 |
| SU 2178G | 16 Jan 2001 |

**ENHANCED RECOVERY SCHEMES**

MISC 96005 13 Sep 1996

MISC 96005A2 Feb 1999

MISC 96005B 20 Jul 1999

MISC 96005C 24 Jan 2003

Waterflood

Keg River

ConocoPhillips Canada Resources  
Corporation.

**SUBSURFACE DISPOSAL SCHEMES**

App 7033B 29 Aug 2014

Class II

Crimson Oil & Gas Ltd.

App 7036 19 Nov 1992

Class II

Unocal Canada Limited

App 8446D 26 Jan 2016

Class Ib

Predator Oil Ltd.

App 8547A 20 Apr 2012

Class II

Devon Canada Corporation

App 10932B 22 Jan 2016

Class II

Predator Oil Ltd.

App 11052C 27 Aug 2014

Class II

Spartan Energy Corp.

App 12587 7 Feb 2017

Class II

Koch Oil Sands Operating ULC

**FIELD DESIGNATION**

0524 2014-03-01 KILLAM FIELD

**POOL DESIGNATION**

0524 126003 2001-02-01 BELLY RIVER C

0524 126004 2004-12-01 BELLY RIVER D

0524 126005 2011-05-01 BELLY RIVER E

0524 134001 2005-07-01 BASAL BELLY RIVER A

0524 134002 2005-07-01 BASAL BELLY RIVER B

0524 186001 2005-07-01 SECOND WHITE SPECKS A

0524 202001 2011-03-01 FISH SCALE A

0524 202002 2005-08-01 FISH SCALE B

0524 202003 2014-01-01 FISH SCALE C

0524 202004 2011-01-01 FISH SCALE D

0524 202005 2011-05-01 FISH SCALE E

0524 216002 2014-04-01 UPPER VIKING B

0524 216003 2001-02-01 UPPER VIKING C

0524 216005 2001-02-01 UPPER VIKING E

0524 216007 2001-02-01 UPPER VIKING G

0524 216008 2009-12-01 UPPER VIKING H

0524 216009 2001-02-01 UPPER VIKING I

0524 216010 2001-02-01 UPPER VIKING J

0524 216011 2001-02-01 UPPER VIKING K

0524 216012 2001-02-01 UPPER VIKING L

0524 216013 2010-04-01 UPPER VIKING M

0524 216014 2010-07-01 UPPER VIKING N

0524 216015 2004-03-01 UPPER VIKING O

0524 216016 2001-02-01 UPPER VIKING P

0524 216017 2003-09-01 UPPER VIKING Q

0524 216018 2005-10-01 UPPER VIKING R

0524 216019 2014-11-01 UPPER VIKING S

0524 216020 2012-07-01 UPPER VIKING T

**POOL DESIGNATION (cont'd)**

|                        |                      |
|------------------------|----------------------|
| 0524 218001 2011-07-01 | VIKING A             |
| 0524 218002 2013-11-01 | VIKING B             |
| 0524 218003 2014-03-01 | VIKING C             |
| 0524 218004 2014-03-01 | VIKING D             |
| 0524 218005 2014-04-01 | VIKING E             |
| 0524 218602 2008-05-01 | UPPER & MIDDLE VIK B |
| 0524 221002 2001-02-01 | MIDDLE VIKING B      |
| 0524 221008 2001-02-01 | MIDDLE VIKING H      |
| 0524 221009 2001-02-01 | MIDDLE VIKING I      |
| 0524 224003 2001-02-01 | LOWER VIKING C       |
| 0524 224004 2001-02-01 | LOWER VIKING D       |
| 0524 224005 2001-02-01 | LOWER VIKING E       |
| 0524 224006 2001-02-01 | LOWER VIKING F       |
| 0524 224007 2001-02-01 | LOWER VIKING G       |
| 0524 250001 2001-02-01 | UPPER MANNVILLE A    |
| 0524 250002 2007-08-01 | UPPER MANNVILLE B    |
| 0524 250004 2010-07-01 | UPPER MANNVILLE D    |
| 0524 250005 2010-08-01 | UPPER MANNVILLE E    |
| 0524 250006 2014-03-01 | UPPER MANNVILLE F    |
| 0524 250007 2014-03-01 | UPPER MANNVILLE G    |
| 0524 250008 2014-03-01 | UPPER MANNVILLE H    |
| 0524 250009 2014-03-01 | UPPER MANNVILLE I    |
| 0524 256001 2001-02-01 | COLONY A             |
| 0524 256002 2001-02-01 | COLONY B             |
| 0524 256003 2001-02-01 | COLONY C             |
| 0524 256004 2001-02-01 | COLONY D             |
| 0524 256005 2002-09-01 | COLONY E             |
| 0524 256006 2001-02-01 | COLONY F             |
| 0524 256007 2001-02-01 | COLONY G             |
| 0524 256010 2001-02-01 | COLONY J             |
| 0524 256011 2001-02-01 | COLONY K             |
| 0524 256012 2001-02-01 | COLONY L             |
| 0524 256013 2001-02-01 | COLONY M             |

**POOL DESIGNATION (cont'd)**

|             |            |           |
|-------------|------------|-----------|
| 0524 256014 | 2001-02-01 | COLONY N  |
| 0524 256015 | 2001-02-01 | COLONY O  |
| 0524 256016 | 2001-02-01 | COLONY P  |
| 0524 256017 | 2002-04-01 | COLONY Q  |
| 0524 256019 | 2006-07-01 | COLONY S  |
| 0524 256020 | 2001-02-01 | COLONY T  |
| 0524 256021 | 2001-02-01 | COLONY U  |
| 0524 256022 | 2010-04-01 | COLONY V  |
| 0524 256023 | 2001-02-01 | COLONY W  |
| 0524 256024 | 2001-02-01 | COLONY X  |
| 0524 256025 | 2010-04-01 | COLONY Y  |
| 0524 256026 | 2001-02-01 | COLONY Z  |
| 0524 256027 | 2001-02-01 | COLONY AA |
| 0524 256028 | 2001-02-01 | COLONY BB |
| 0524 256029 | 2001-02-01 | COLONY CC |
| 0524 256030 | 2001-02-01 | COLONY DD |
| 0524 256031 | 2001-02-01 | COLONY EE |
| 0524 256032 | 2001-02-01 | COLONY FF |
| 0524 256033 | 2001-02-01 | COLONY GG |
| 0524 256034 | 2001-02-01 | COLONY HH |
| 0524 256035 | 2001-02-01 | COLONY II |
| 0524 256036 | 2001-02-01 | COLONY JJ |
| 0524 256037 | 2001-02-01 | COLONY KK |
| 0524 256038 | 2001-02-01 | COLONY LL |
| 0524 256039 | 2001-02-01 | COLONY MM |
| 0524 256040 | 2001-11-01 | COLONY NN |
| 0524 256041 | 2002-01-01 | COLONY OO |
| 0524 256042 | 2002-06-01 | COLONY PP |
| 0524 256043 | 2002-06-01 | COLONY QQ |
| 0524 256044 | 2002-07-01 | COLONY RR |
| 0524 256045 | 2002-09-01 | COLONY SS |
| 0524 256046 | 2002-08-01 | COLONY TT |
| 0524 256047 | 2002-12-01 | COLONY UU |
| 0524 256048 | 2003-03-01 | COLONY VV |
| 0524 256049 | 2003-03-01 | COLONY WW |
| 0524 256050 | 2003-05-01 | COLONY XX |
| 0524 256051 | 2003-10-01 | COLONY YY |
| 0524 256052 | 2003-10-01 | COLONY ZZ |

**POOL DESIGNATION (cont'd)**

|             |            |            |
|-------------|------------|------------|
| 0524 256401 | 2010-04-01 | COLONY AAA |
| 0524 256402 | 2005-01-01 | COLONY BBB |
| 0524 256403 | 2005-02-01 | COLONY CCC |
| 0524 256404 | 2005-07-01 | COLONY DDD |
| 0524 256405 | 2005-08-01 | COLONY EEE |
| 0524 256406 | 2005-10-01 | COLONY FFF |
| 0524 256407 | 2005-10-01 | COLONY GGG |
| 0524 256408 | 2005-09-01 | COLONY HHH |
| 0524 256409 | 2005-09-01 | COLONY III |
| 0524 256410 | 2005-09-01 | COLONY JJJ |
| 0524 256411 | 2005-09-01 | COLONY KKK |
| 0524 256412 | 2006-02-01 | COLONY LLL |
| 0524 256413 | 2006-02-01 | COLONY MMM |
| 0524 256414 | 2007-07-01 | COLONY NNN |
| 0524 256415 | 2011-06-01 | COLONY OOO |
| 0524 256416 | 2012-04-01 | COLONY PPP |
| 0524 256417 | 2013-09-01 | COLONY QQQ |
| 0524 268001 | 2004-01-01 | MCLAREN A  |
| 0524 268002 | 2013-10-01 | MCLAREN B  |
| 0524 270001 | 2013-05-01 | WASECA A   |
| 0524 276001 | 2001-02-01 | SPARKY A   |
| 0524 276002 | 2007-10-01 | SPARKY B   |
| 0524 276003 | 2014-03-01 | SPARKY C   |
| 0524 276004 | 2010-04-01 | SPARKY D   |
| 0524 276005 | 2001-02-01 | SPARKY E   |
| 0524 276006 | 2001-02-01 | SPARKY F   |
| 0524 276007 | 2001-02-01 | SPARKY G   |
| 0524 276008 | 2002-09-01 | SPARKY H   |
| 0524 276009 | 2002-09-01 | SPARKY I   |
| 0524 276010 | 2003-03-01 | SPARKY J   |
| 0524 276011 | 2003-05-01 | SPARKY K   |
| 0524 276012 | 2003-05-01 | SPARKY L   |
| 0524 276013 | 2013-05-01 | SPARKY M   |
| 0524 276014 | 2006-09-01 | SPARKY N   |
| 0524 276015 | 2010-12-01 | SPARKY O   |

**POOL DESIGNATION (cont'd)**

|                        |                |
|------------------------|----------------|
| 0524 276016 2005-02-01 | SPARKY P       |
| 0524 276017 2005-05-01 | SPARKY Q       |
| 0524 276018 2007-10-01 | SPARKY R       |
| 0524 276019 2005-09-01 | SPARKY S       |
| 0524 276020 2005-10-01 | SPARKY T       |
| 0524 276022 2006-02-01 | SPARKY V       |
| 0524 276023 2010-04-01 | SPARKY W       |
| 0524 276024 2006-09-01 | SPARKY X       |
| 0524 276026 2007-07-01 | SPARKY Z       |
| 0524 276027 2007-09-01 | SPARKY AA      |
| 0524 276028 2010-09-01 | SPARKY BB      |
| 0524 276029 2009-07-01 | SPARKY CC      |
| 0524 276030 2009-08-01 | SPARKY DD      |
| 0524 276031 2010-04-01 | SPARKY EE      |
| 0524 276032 2010-04-01 | SPARKY FF      |
| 0524 276033 2010-04-01 | SPARKY GG      |
| 0524 276034 2013-10-01 | SPARKY HH      |
| 0524 276035 2011-05-01 | SPARKY II      |
| 0524 276036 2011-05-01 | SPARKY JJ      |
| 0524 276037 2011-05-01 | SPARKY KK      |
| 0524 276038 2011-05-01 | SPARKY LL      |
| 0524 276039 2011-05-01 | SPARKY MM      |
| 0524 276040 2013-06-01 | SPARKY NN      |
| 0524 276041 2013-07-01 | SPARKY OO      |
|                        |                |
| 0524 288001 2001-02-01 | REX A          |
| 0524 288002 2001-02-01 | REX B          |
| 0524 288003 2002-12-01 | REX C          |
| 0524 288004 2005-08-01 | REX D          |
| 0524 288005 2009-02-01 | REX E          |
|                        |                |
| 0524 294001 2010-04-01 | LLOYDMINSTER A |
| 0524 294002 2001-02-01 | LLOYDMINSTER B |
| 0524 294003 2001-02-01 | LLOYDMINSTER C |
| 0524 294004 2003-03-01 | LLOYDMINSTER D |
| 0524 294005 2005-07-01 | LLOYDMINSTER E |
| 0524 294006 2006-01-01 | LLOYDMINSTER F |
| 0524 294007 2005-10-01 | LLOYDMINSTER G |

**POOL DESIGNATION (cont'd)**

|                        |                |
|------------------------|----------------|
| 0524 294008 2015-10-01 | LLOYDMINSTER H |
| 0524 294009 2016-09-01 | LLOYDMINSTER I |
| 0524 294010 2014-10-01 | LLOYDMINSTER J |
| 0524 300002 2001-02-01 | GLAUCONITIC B  |
| 0524 300004 2010-04-01 | GLAUCONITIC D  |
| 0524 300005 2001-02-01 | GLAUCONITIC E  |
| 0524 300006 2001-02-01 | GLAUCONITIC F  |
| 0524 300007 2001-02-01 | GLAUCONITIC G  |
| 0524 300010 2001-02-01 | GLAUCONITIC J  |
| 0524 300011 2001-02-01 | GLAUCONITIC K  |
| 0524 300014 2001-02-01 | GLAUCONITIC N  |
| 0524 300015 2010-04-01 | GLAUCONITIC O  |
| 0524 300016 2001-02-01 | GLAUCONITIC P  |
| 0524 300017 2001-02-01 | GLAUCONITIC Q  |
| 0524 300018 2001-02-01 | GLAUCONITIC R  |
| 0524 300020 2001-02-01 | GLAUCONITIC T  |
| 0524 300021 2001-02-01 | GLAUCONITIC U  |
| 0524 300022 2001-02-01 | GLAUCONITIC V  |
| 0524 300023 2001-02-01 | GLAUCONITIC W  |
| 0524 300024 2001-02-01 | GLAUCONITIC X  |
| 0524 300025 2001-02-01 | GLAUCONITIC Y  |
| 0524 300026 2001-02-01 | GLAUCONITIC Z  |
| 0524 300027 2001-02-01 | GLAUCONITIC AA |
| 0524 300028 2001-02-01 | GLAUCONITIC BB |
| 0524 300029 2001-02-01 | GLAUCONITIC CC |
| 0524 300030 2001-02-01 | GLAUCONITIC DD |
| 0524 300031 2001-02-01 | GLAUCONITIC EE |
| 0524 300032 2001-02-01 | GLAUCONITIC FF |
| 0524 300034 2010-04-01 | GLAUCONITIC HH |
| 0524 300035 2001-02-01 | GLAUCONITIC II |
| 0524 300037 2010-07-01 | GLAUCONITIC KK |
| 0524 300038 2010-07-01 | GLAUCONITIC LL |
| 0524 300039 2001-02-01 | GLAUCONITIC MM |
| 0524 300040 2010-04-01 | GLAUCONITIC NN |
| 0524 300041 2007-03-01 | GLAUCONITIC OO |
| 0524 300042 2010-04-01 | GLAUCONITIC PP |
| 0524 300043 2002-04-01 | GLAUCONITIC QQ |

**POOL DESIGNATION (cont'd)**

|                        |                 |
|------------------------|-----------------|
| 0524 300044 2001-02-01 | GLAUCONITIC RR  |
| 0524 300045 2001-02-01 | GLAUCONITIC SS  |
| 0524 300046 2001-02-01 | GLAUCONITIC TT  |
| 0524 300047 2001-02-01 | GLAUCONITIC UU  |
| 0524 300048 2001-02-01 | GLAUCONITIC VV  |
| 0524 300049 2001-02-01 | GLAUCONITIC WW  |
| 0524 300050 2002-04-01 | GLAUCONITIC XX  |
| 0524 300051 2001-02-01 | GLAUCONITIC YY  |
| 0524 300052 2010-04-01 | GLAUCONITIC ZZ  |
| 0524 300901 2002-04-01 | GLAUCONITIC AAA |
| 0524 300902 2001-02-01 | GLAUCONITIC BBB |
| 0524 300903 2003-05-01 | GLAUCONITIC CCC |
| 0524 300905 2001-02-01 | GLAUCONITIC EEE |
| 0524 300906 2001-02-01 | GLAUCONITIC FFF |
| 0524 300907 2001-02-01 | GLAUCONITIC GGG |
| 0524 300908 2001-02-01 | GLAUCONITIC HHH |
| 0524 300909 2010-04-01 | GLAUCONITIC III |
| 0524 300910 2001-02-01 | GLAUCONITIC JJJ |
| 0524 300911 2002-04-01 | GLAUCONITIC KKK |
| 0524 300912 2001-02-01 | GLAUCONITIC LLL |
| 0524 300913 2001-02-01 | GLAUCONITIC MMM |
| 0524 300914 2001-02-01 | GLAUCONITIC NNN |
| 0524 300915 2001-02-01 | GLAUCONITIC OOO |
| 0524 300916 2001-02-01 | GLAUCONITIC PPP |
| 0524 300917 2001-02-01 | GLAUCONITIC QQQ |
| 0524 300918 2001-02-01 | GLAUCONITIC RRR |
| 0524 300919 2001-02-01 | GLAUCONITIC SSS |
| 0524 300920 2001-02-01 | GLAUCONITIC TTT |
| 0524 300921 2008-07-01 | GLAUCONITIC UUU |
| 0524 300922 2001-03-01 | GLAUCONITIC VVV |
| 0524 300923 2001-03-01 | GLAUCONITIC WWW |
| 0524 300924 2001-03-01 | GLAUCONITIC XXX |
| 0524 300925 2004-11-01 | GLAUCONITIC YYY |
| 0524 300926 2004-12-01 | GLAUCONITIC ZZZ |
| 0524 300927 2005-02-01 | GLAUCONITIC A2A |
| 0524 300928 2005-07-01 | GLAUCONITIC B2B |
| 0524 300929 2006-02-01 | GLAUCONITIC C2C |
| 0524 300930 2005-10-01 | GLAUCONITIC D2D |

**POOL DESIGNATION (cont'd)**

|                        |                   |
|------------------------|-------------------|
| 0524 300931 2005-12-01 | GLAUCONITIC E2E   |
| 0524 300932 2006-02-01 | GLAUCONITIC F2F   |
| 0524 300933 2006-02-01 | GLAUCONITIC G2G   |
| 0524 300934 2006-08-01 | GLAUCONITIC H2H   |
| 0524 300935 2006-11-01 | GLAUCONITIC I2I   |
| 0524 300936 2007-08-01 | GLAUCONITIC J2J   |
| 0524 300937 2007-08-01 | GLAUCONITIC K2K   |
| 0524 300938 2008-09-01 | GLAUCONITIC L2L   |
| 0524 300939 2009-01-01 | GLAUCONITIC M2M   |
| 0524 300940 2009-07-01 | GLAUCONITIC N2N   |
| 0524 300941 2010-01-01 | GLAUCONITIC O2O   |
| 0524 300942 2010-02-01 | GLAUCONITIC P2P   |
| 0524 300943 2010-05-01 | GLAUCONITIC Q2Q   |
| 0524 300944 2010-05-01 | GLAUCONITIC R2R   |
| 0524 300945 2016-09-01 | GLAUCONITIC S2S   |
| 0524 300946 2012-12-01 | GLAUCONITIC T2T   |
| 0524 300947 2012-12-01 | GLAUCONITIC U2U   |
| <br>                   |                   |
| 0524 302001 2001-02-01 | CUMMINGS A        |
| <br>                   |                   |
| 0524 310001 2001-02-01 | LOWER MANNVILLE A |
| 0524 310002 2001-02-01 | LOWER MANNVILLE B |
| 0524 310003 2001-02-01 | LOWER MANNVILLE C |
| 0524 310004 2002-04-01 | LOWER MANNVILLE D |
| 0524 310005 2001-02-01 | LOWER MANNVILLE E |
| 0524 310006 2001-02-01 | LOWER MANNVILLE F |
| 0524 310007 2001-02-01 | LOWER MANNVILLE G |
| 0524 310008 2001-02-01 | LOWER MANNVILLE H |
| 0524 310009 2005-10-01 | LOWER MANNVILLE I |
| 0524 310010 2006-01-01 | LOWER MANNVILLE J |
| 0524 310011 2012-03-01 | LOWER MANNVILLE K |
| <br>                   |                   |
| 0524 336002 2001-02-01 | ELLERSLIE B       |
| 0524 336003 2010-04-01 | ELLERSLIE C       |
| 0524 336004 2001-02-01 | ELLERSLIE D       |
| 0524 336006 2001-02-01 | ELLERSLIE F       |
| 0524 336007 2001-02-01 | ELLERSLIE G       |
| 0524 336008 2001-02-01 | ELLERSLIE H       |

**POOL DESIGNATION (cont'd)**

|             |            |               |
|-------------|------------|---------------|
| 0524 336010 | 2001-02-01 | ELLERSLIE J   |
| 0524 336012 | 2001-02-01 | ELLERSLIE L   |
| 0524 336013 | 2001-02-01 | ELLERSLIE M   |
| 0524 336014 | 2001-02-01 | ELLERSLIE N   |
| 0524 336016 | 2001-02-01 | ELLERSLIE P   |
| 0524 336017 | 2001-02-01 | ELLERSLIE Q   |
| 0524 336019 | 2001-02-01 | ELLERSLIE S   |
| 0524 336020 | 2001-02-01 | ELLERSLIE T   |
| 0524 336021 | 2001-02-01 | ELLERSLIE U   |
| 0524 336022 | 2001-02-01 | ELLERSLIE V   |
| 0524 336023 | 2001-02-01 | ELLERSLIE W   |
| 0524 336025 | 2001-02-01 | ELLERSLIE Y   |
| 0524 336026 | 2001-02-01 | ELLERSLIE Z   |
| 0524 336029 | 2001-02-01 | ELLERSLIE CC  |
| 0524 336031 | 2001-02-01 | ELLERSLIE EE  |
| 0524 336034 | 2001-02-01 | ELLERSLIE HH  |
| 0524 336036 | 2010-04-01 | ELLERSLIE JJ  |
| 0524 336037 | 2001-02-01 | ELLERSLIE KK  |
| 0524 336038 | 2001-02-01 | ELLERSLIE LL  |
| 0524 336039 | 2001-02-01 | ELLERSLIE MM  |
| 0524 336040 | 2004-12-01 | ELLERSLIE NN  |
| 0524 336041 | 2010-04-01 | ELLERSLIE OO  |
| 0524 336042 | 2001-02-01 | ELLERSLIE PP  |
| 0524 336043 | 2001-02-01 | ELLERSLIE QQ  |
| 0524 336044 | 2001-02-01 | ELLERSLIE RR  |
| 0524 336045 | 2001-02-01 | ELLERSLIE SS  |
| 0524 336046 | 2001-02-01 | ELLERSLIE TT  |
| 0524 336047 | 2006-06-01 | ELLERSLIE UU  |
| 0524 336048 | 2001-02-01 | ELLERSLIE VV  |
| 0524 336049 | 2001-02-01 | ELLERSLIE WW  |
| 0524 336050 | 2001-02-01 | ELLERSLIE XX  |
| 0524 336052 | 2001-10-01 | ELLERSLIE ZZ  |
| 0524 336502 | 2001-03-01 | ELLERSLIE BBB |
| 0524 336503 | 2001-03-01 | ELLERSLIE CCC |
| 0524 336504 | 2002-06-01 | ELLERSLIE DDD |
| 0524 336505 | 2002-10-01 | ELLERSLIE EEE |
| 0524 336506 | 2006-05-01 | ELLERSLIE FFF |
| 0524 336507 | 2005-08-01 | ELLERSLIE GGG |

**POOL DESIGNATION (cont'd)**

0524 336508 2009-01-01 ELLERSLIE HHH  
0524 336509 2005-08-01 ELLERSLIE III  
0524 336512 2006-09-01 ELLERSLIE LLL  
0524 336513 2007-03-01 ELLERSLIE MMM  
0524 336514 2007-05-01 ELLERSLIE NNN  
0524 336515 2007-10-01 ELLERSLIE OOO  
0524 336516 2007-07-01 ELLERSLIE PPP  
0524 336517 2009-07-01 ELLERSLIE QQQ

0524 696001 2001-02-01 NISKU A

0524 851800 2013-10-01 MFP8518 U&M VIKING

**SPACING PATTERN**

SU 4331 3 Apr 2006  
SU 4331A 30 Oct 2006  
SU 4331B 8 Jun 2007

**COMMINGLED PRODUCTION**

MU 8334 10 May 2012

**GAS STORAGE SCHEMES**

App 4805 4 Feb 1986

App 4805A 9 Aug 2001

App 4805B 29 Aug 2003

App 4805C 10 Sep 2003  
Prairie Evaporite  
Hardisty Caverns Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 8302C 11 Jul 2011  
Class II  
Zargon Oil & Gas Ltd.

App 8304 16 Mar 1998  
Class II  
Rhodie Petroleums Ltd.

App 8646B 8 Jul 2016  
Class II  
Rally Canada Resources Ltd.

App 8738C 16 Mar 2015  
Class II  
Crescent Point Energy Corp.

App 10770 16 Mar 2007  
Class II  
Hardisty Caverns Ltd.

App 12439 17 Aug 2015  
Class II  
Teric Power Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 12521 20 May 2016

Class II & Ib

Gibson Energy ULC

**FIELD DESIGNATION**

0525 2014-03-01 KILLAM NORTH FIELD

**POOL DESIGNATION**

0525 126002 2001-02-01 BELLY RIVER B  
0525 126004 2001-02-01 BELLY RIVER D

0525 134001 2005-07-01 BASAL BELLY RIVER A  
0525 134002 2005-07-01 BASAL BELLY RIVER B  
0525 134003 2005-07-01 BASAL BELLY RIVER C  
0525 134004 2005-07-01 BASAL BELLY RIVER D  
0525 134005 2005-07-01 BASAL BELLY RIVER E  
0525 134006 2005-07-01 BASAL BELLY RIVER F  
0525 134007 2005-07-01 BASAL BELLY RIVER G  
0525 134008 2010-01-01 BASAL BELLY RIVER H

0525 160001 2012-12-01 COLORADO A

0525 202001 2005-10-01 FISH SCALE A

0525 250001 2001-02-01 UPPER MANNVILLE A  
0525 250002 2006-07-01 UPPER MANNVILLE B  
0525 250003 2001-02-01 UPPER MANNVILLE C  
0525 250004 2001-02-01 UPPER MANNVILLE D  
0525 250005 2001-02-01 UPPER MANNVILLE E  
0525 250006 2001-02-01 UPPER MANNVILLE F  
0525 250007 2001-02-01 UPPER MANNVILLE G  
0525 250008 2012-02-01 UPPER MANNVILLE H  
0525 250009 2001-02-01 UPPER MANNVILLE I  
0525 250011 2001-02-01 UPPER MANNVILLE K  
0525 250012 2006-09-01 UPPER MANNVILLE L  
0525 250013 2003-02-01 UPPER MANNVILLE M  
0525 250014 2001-02-01 UPPER MANNVILLE N  
0525 250015 2003-02-01 UPPER MANNVILLE O  
0525 250017 2001-02-01 UPPER MANNVILLE Q  
0525 250018 2001-02-01 UPPER MANNVILLE R

**POOL DESIGNATION (cont'd)**

|             |            |                     |
|-------------|------------|---------------------|
| 0525 250019 | 2001-02-01 | UPPER MANNVILLE S   |
| 0525 250020 | 2010-04-01 | UPPER MANNVILLE T   |
| 0525 250021 | 2001-02-01 | UPPER MANNVILLE U   |
| 0525 250022 | 2001-02-01 | UPPER MANNVILLE V   |
| 0525 250023 | 2001-02-01 | UPPER MANNVILLE W   |
| 0525 250024 | 2001-02-01 | UPPER MANNVILLE X   |
| 0525 250025 | 2001-02-01 | UPPER MANNVILLE Y   |
| 0525 250026 | 2001-02-01 | UPPER MANNVILLE Z   |
| 0525 250027 | 2001-02-01 | UPPER MANNVILLE AA  |
| 0525 250028 | 2001-02-01 | UPPER MANNVILLE BB  |
| 0525 250030 | 2001-02-01 | UPPER MANNVILLE DD  |
| 0525 250032 | 2001-02-01 | UPPER MANNVILLE FF  |
| 0525 250033 | 2001-02-01 | UPPER MANNVILLE GG  |
| 0525 250035 | 2001-02-01 | UPPER MANNVILLE II  |
| 0525 250036 | 2001-02-01 | UPPER MANNVILLE JJ  |
| 0525 250038 | 2001-02-01 | UPPER MANNVILLE LL  |
| 0525 250039 | 2001-02-01 | UPPER MANNVILLE MM  |
| 0525 250040 | 2001-02-01 | UPPER MANNVILLE NN  |
| 0525 250041 | 2001-02-01 | UPPER MANNVILLE OO  |
| 0525 250042 | 2001-02-01 | UPPER MANNVILLE PP  |
| 0525 250043 | 2001-02-01 | UPPER MANNVILLE QQ  |
| 0525 250044 | 2001-02-01 | UPPER MANNVILLE RR  |
| 0525 250045 | 2001-02-01 | UPPER MANNVILLE SS  |
| 0525 250046 | 2001-02-01 | UPPER MANNVILLE TT  |
| 0525 250048 | 2010-04-01 | UPPER MANNVILLE VV  |
| 0525 250049 | 2001-02-01 | UPPER MANNVILLE WW  |
| 0525 250051 | 2010-04-01 | UPPER MANNVILLE YY  |
| 0525 250052 | 2001-02-01 | UPPER MANNVILLE ZZ  |
| 0525 250701 | 2001-02-01 | UPPER MANNVILLE AAA |
| 0525 250702 | 2001-02-01 | UPPER MANNVILLE BBB |
| 0525 250703 | 2001-02-01 | UPPER MANNVILLE CCC |
| 0525 250704 | 2001-02-01 | UPPER MANNVILLE DDD |
| 0525 250705 | 2001-02-01 | UPPER MANNVILLE EEE |
| 0525 250706 | 2001-02-01 | UPPER MANNVILLE FFF |
| 0525 250707 | 2001-02-01 | UPPER MANNVILLE GGG |
| 0525 250708 | 2001-02-01 | UPPER MANNVILLE HHH |
| 0525 250709 | 2005-01-01 | UPPER MANNVILLE III |
| 0525 250710 | 2001-02-01 | UPPER MANNVILLE JJJ |

**POOL DESIGNATION (cont'd)**

|                        |                     |
|------------------------|---------------------|
| 0525 250711 2001-02-01 | UPPER MANNVILLE KKK |
| 0525 250712 2004-08-01 | UPPER MANNVILLE LLL |
| 0525 250713 2001-02-01 | UPPER MANNVILLE MMM |
| 0525 250714 2001-02-01 | UPPER MANNVILLE NNN |
| 0525 250715 2001-02-01 | UPPER MANNVILLE OOO |
| 0525 250716 2002-09-01 | UPPER MANNVILLE PPP |
| 0525 250717 2010-04-01 | UPPER MANNVILLE QQQ |
| 0525 250718 2004-11-01 | UPPER MANNVILLE RRR |
| 0525 250719 2005-12-01 | UPPER MANNVILLE SSS |
| 0525 250720 2010-04-01 | UPPER MANNVILLE TTT |
| 0525 250721 2016-04-01 | UPPER MANNVILLE UUU |
| 0525 250722 2003-08-01 | UPPER MANNVILLE VVV |
| 0525 250723 2011-11-01 | UPPER MANNVILLE WWW |
| 0525 250724 2004-08-01 | UPPER MANNVILLE XXX |
| 0525 250725 2004-07-01 | UPPER MANNVILLE YYY |
| 0525 250726 2005-02-01 | UPPER MANNVILLE ZZZ |
| 0525 250727 2005-07-01 | UPPER MANNVILLE A2A |
| 0525 250728 2007-06-01 | UPPER MANNVILLE B2B |
| 0525 250729 2005-09-01 | UPPER MANNVILLE C2C |
| 0525 250730 2005-09-01 | UPPER MANNVILLE D2D |
| 0525 250732 2016-05-01 | UPPER MANNVILLE F2F |
| 0525 250734 2005-10-01 | UPPER MANNVILLE H2H |
| 0525 250735 2006-04-01 | UPPER MANNVILLE I2I |
| 0525 250736 2010-04-01 | UPPER MANNVILLE J2J |
| 0525 250737 2006-12-01 | UPPER MANNVILLE K2K |
| 0525 250738 2006-10-01 | UPPER MANNVILLE L2L |
| 0525 250739 2007-02-01 | UPPER MANNVILLE M2M |
| 0525 250744 2007-07-01 | UPPER MANNVILLE R2R |
| 0525 250745 2008-01-01 | UPPER MANNVILLE S2S |
| 0525 250746 2012-12-01 | UPPER MANNVILLE T2T |
| 0525 250747 2007-08-01 | UPPER MANNVILLE U2U |
| 0525 250748 2007-12-01 | UPPER MANNVILLE V2V |
| 0525 250749 2008-03-01 | UPPER MANNVILLE W2W |
| 0525 250750 2008-02-01 | UPPER MANNVILLE X2X |
| 0525 250751 2009-03-01 | UPPER MANNVILLE Y2Y |
| 0525 250752 2008-12-01 | UPPER MANNVILLE Z2Z |
| 0525 251101 2009-01-01 | UPPER MANNVILLE A3A |
| 0525 251102 2009-01-01 | UPPER MANNVILLE B3B |

**POOL DESIGNATION (cont'd)**

|                        |                     |
|------------------------|---------------------|
| 0525 251103 2010-04-01 | UPPER MANNVILLE C3C |
| 0525 251104 2011-10-01 | UPPER MANNVILLE D3D |
| 0525 251105 2009-02-01 | UPPER MANNVILLE E3E |
| 0525 251106 2009-02-01 | UPPER MANNVILLE F3F |
| 0525 251107 2009-08-01 | UPPER MANNVILLE G3G |
| 0525 251108 2010-04-01 | UPPER MANNVILLE H3H |
| 0525 251109 2010-10-01 | UPPER MANNVILLE I3I |
| 0525 251110 2010-11-01 | UPPER MANNVILLE J3J |
| 0525 251111 2011-11-01 | UPPER MANNVILLE K3K |
| 0525 251112 2011-11-01 | UPPER MANNVILLE L3L |
| 0525 251113 2012-02-01 | UPPER MANNVILLE M3M |
| 0525 251114 2012-05-01 | UPPER MANNVILLE N3N |
| 0525 251115 2013-01-01 | UPPER MANNVILLE O3O |
| 0525 251116 2013-10-01 | UPPER MANNVILLE P3P |
| 0525 251117 2014-03-01 | UPPER MANNVILLE Q3Q |
| 0525 251118 2014-03-01 | UPPER MANNVILLE R3R |
|                        |                     |
| 0525 276002 2001-02-01 | SPARKY B            |
| 0525 276003 2010-04-01 | SPARKY C            |
| 0525 276004 2001-02-01 | SPARKY D            |
| 0525 276005 2001-02-01 | SPARKY E            |
| 0525 276006 2011-10-01 | SPARKY F            |
| 0525 276007 2001-02-01 | SPARKY G            |
| 0525 276008 2012-11-01 | SPARKY H            |
| 0525 276009 2013-01-01 | SPARKY I            |
| 0525 276010 2001-02-01 | SPARKY J            |
| 0525 276011 2001-02-01 | SPARKY K            |
| 0525 276012 2001-02-01 | SPARKY L            |
| 0525 276013 2001-02-01 | SPARKY M            |
| 0525 276015 2005-08-01 | SPARKY O            |
| 0525 276016 2007-07-01 | SPARKY P            |
| 0525 276017 2007-11-01 | SPARKY Q            |
| 0525 276018 2008-05-01 | SPARKY R            |
| 0525 276019 2009-04-01 | SPARKY S            |
| 0525 276020 2013-02-01 | SPARKY T            |
|                        |                     |
| 0525 286001 2003-12-01 | GENERAL PETROLEUM A |

**POOL DESIGNATION (cont'd)**

|                        |                    |
|------------------------|--------------------|
| 0525 310003 2010-04-01 | LOWER MANNVILLE C  |
| 0525 310004 2010-05-01 | LOWER MANNVILLE D  |
| 0525 310005 2010-05-01 | LOWER MANNVILLE E  |
| 0525 310006 2015-02-01 | LOWER MANNVILLE F  |
| 0525 310007 2015-09-01 | LOWER MANNVILLE G  |
|                        |                    |
| 0525 320001 2008-02-01 | BASAL MANNVILLE A  |
| 0525 320002 2001-02-01 | BASAL MANNVILLE B  |
| 0525 320003 2001-02-01 | BASAL MANNVILLE C  |
| 0525 320004 2001-02-01 | BASAL MANNVILLE D  |
| 0525 320005 2001-02-01 | BASAL MANNVILLE E  |
| 0525 320006 2001-02-01 | BASAL MANNVILLE F  |
| 0525 320007 2001-02-01 | BASAL MANNVILLE G  |
| 0525 320010 2001-02-01 | BASAL MANNVILLE J  |
| 0525 320011 2001-02-01 | BASAL MANNVILLE K  |
| 0525 320012 2001-10-01 | BASAL MANNVILLE L  |
| 0525 320013 2001-02-01 | BASAL MANNVILLE M  |
| 0525 320014 2001-02-01 | BASAL MANNVILLE N  |
| 0525 320015 2004-04-01 | BASAL MANNVILLE O  |
| 0525 320016 2010-04-01 | BASAL MANNVILLE P  |
| 0525 320018 2001-02-01 | BASAL MANNVILLE R  |
| 0525 320019 2001-02-01 | BASAL MANNVILLE S  |
| 0525 320020 2002-07-01 | BASAL MANNVILLE T  |
| 0525 320021 2001-02-01 | BASAL MANNVILLE U  |
| 0525 320022 2001-02-01 | BASAL MANNVILLE V  |
| 0525 320023 2001-02-01 | BASAL MANNVILLE W  |
| 0525 320024 2001-02-01 | BASAL MANNVILLE X  |
| 0525 320025 2001-02-01 | BASAL MANNVILLE Y  |
| 0525 320026 2013-10-01 | BASAL MANNVILLE Z  |
| 0525 320027 2001-02-01 | BASAL MANNVILLE AA |
| 0525 320028 2002-07-01 | BASAL MANNVILLE BB |
| 0525 320029 2004-08-01 | BASAL MANNVILLE CC |
| 0525 320030 2005-04-01 | BASAL MANNVILLE DD |
| 0525 320031 2007-06-01 | BASAL MANNVILLE EE |
| 0525 320032 2006-10-01 | BASAL MANNVILLE FF |
| 0525 320033 2007-10-01 | BASAL MANNVILLE GG |
| 0525 320034 2008-04-01 | BASAL MANNVILLE HH |
| 0525 320035 2007-07-01 | BASAL MANNVILLE II |

**POOL DESIGNATION (cont'd)**

0525 320036 2008-02-01 BASAL MANNVILLE JJ  
0525 320037 2012-12-01 BASAL MANNVILLE KK  
  
0525 658001 2004-02-01 WABAMUN A  
0525 658002 2003-03-01 WABAMUN B  
  
0525 696001 2001-02-01 NISKU A  
0525 696002 2005-10-01 NISKU B  
  
0525 851800 2010-11-01 MFP8518 U&M VIKING

**SPACING PATTERN**

SU 4103 11 Aug 2003  
SU 4103A 4 Nov 2005  
SU 4103B 23 Oct 2006

**COMPULSORY POOLING**

P 236 17 Mar 2003  
Gas  
33-045-13W4M  
Burlington Resources Canada Ltd.

**COMMINGLED PRODUCTION**

MU 7020 8 Sep 2008

**ENHANCED RECOVERY SCHEMES**

App 11370L 21 Mar 2017  
Waterflood  
Upper Mannville F2F  
Venturion Oil Limited

App 11909C 28 Sep 2016  
Waterflood  
Sparky F  
Altura Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 5164B 24 Nov 2016  
Class II  
Tidewater Midstream and Infrastructure Ltd.

**FIELD DESIGNATION**

1132 2001-02-01                      KIM FIELD

**POOL DESIGNATION**

1132 628001 2001-02-01              LIVINGSTONE A

1132 658001 2008-10-01              WABAMUN A

**FIELD DESIGNATION**

0531 2001-02-01 KIMIWAN FIELD

**POOL DESIGNATION**

0531 230001 2005-03-01 PADDY A

0531 230002 2009-02-01 PADDY B

0531 230003 2002-10-01 PADDY C

0531 264001 2003-05-01 SPIRIT RIVER A

0531 266001 2005-09-01 NOTIKEWIN A

0531 266002 2002-02-01 NOTIKEWIN B

0531 304001 2001-02-01 BLUESKY A

0531 304002 2001-02-01 BLUESKY B

0531 304003 2001-02-01 BLUESKY C

0531 304004 2007-07-01 BLUESKY D

**SUBSURFACE DISPOSAL SCHEMES**

App 8390A 28 Aug 2014

Class II

Baytex Energy Ltd.

**FIELD DESIGNATION**

0532 2008-02-01 KINGMAN FIELD

**POOL DESIGNATION**

0532 218001 2001-02-01 VIKING A  
0532 218003 2001-02-01 VIKING C  
0532 218004 2001-02-01 VIKING D  
0532 218005 2001-02-01 VIKING E

0532 250001 2001-02-01 UPPER MANNVILLE A  
0532 250002 2001-02-01 UPPER MANNVILLE B  
0532 250003 2008-05-01 UPPER MANNVILLE C  
0532 250004 2008-09-01 UPPER MANNVILLE D  
0532 250005 2010-05-01 UPPER MANNVILLE E

0532 300001 2001-02-01 GLAUCONITIC A  
0532 300003 2001-02-01 GLAUCONITIC C  
0532 300005 2001-02-01 GLAUCONITIC E  
0532 300006 2001-02-01 GLAUCONITIC F  
0532 300007 2001-02-01 GLAUCONITIC G  
0532 300008 2001-09-01 GLAUCONITIC H  
0532 300009 2008-03-01 GLAUCONITIC I  
0532 300010 2012-12-01 GLAUCONITIC J

0532 310001 2001-02-01 LOWER MANNVILLE A  
0532 310002 2001-02-01 LOWER MANNVILLE B  
0532 310004 2001-02-01 LOWER MANNVILLE D  
0532 310005 2001-02-01 LOWER MANNVILLE E  
0532 310007 2010-04-01 LOWER MANNVILLE G  
0532 310008 2007-10-01 LOWER MANNVILLE H

0532 658001 2001-02-01 WABAMUN A  
0532 658002 2001-02-01 WABAMUN B  
0532 658003 2001-02-01 WABAMUN C  
0532 658005 2001-02-01 WABAMUN E

**FIELD DESIGNATION**

0526 2009-05-01 KINMUNDY FIELD

**POOL DESIGNATION**

0526 126001 2009-01-01 BELLY RIVER A

0526 126002 2010-06-01 BELLY RIVER B

0526 134001 2009-07-01 BASAL BELLY RIVER A

0526 218001 2002-12-01 VIKING A

0526 250001 2015-12-01 UPPER MANNVILLE A

0526 250002 2002-10-01 UPPER MANNVILLE B

0526 250004 2010-01-01 UPPER MANNVILLE D

0526 250005 2010-04-01 UPPER MANNVILLE E

0526 300002 2010-04-01 GLAUCONITIC B

0526 310001 2003-01-01 LOWER MANNVILLE A

0526 310002 2003-03-01 LOWER MANNVILLE B

**COMMINGLED PRODUCTION**

MU 6033 13 Sep 2006

**FIELD DESIGNATION**

1334 2004-06-01                      KINUSO FIELD

**POOL DESIGNATION**

1334 765501 2008-12-01              GILWOOD A

**SPACING PATTERN**

SU 2400              16 Nov 1995

**FIELD DESIGNATION**

1133 2015-12-01                      KIPP FIELD

**POOL DESIGNATION**

1133 649001 2013-03-01              LWR BANFF-EXSHAW-BV A

1133 649002 2013-03-01              LWR BANFF-EXSHAW-BV B

1133 649004 2015-11-01              LWR BANFF-EXSHAW-BV D

1133 670001 2008-10-01              WINTERBURN A

**FIELD DESIGNATION**

0527 2014-08-01 KIRBY FIELD

**POOL DESIGNATION**

0527 218001 2014-08-01 VIKING A

0527 250001 2010-04-01 UPPER MANNVILLE A  
0527 250002 2010-04-01 UPPER MANNVILLE B  
0527 250003 2010-08-01 UPPER MANNVILLE C  
0527 250004 2011-03-01 UPPER MANNVILLE D  
0527 250005 2001-02-01 UPPER MANNVILLE E  
0527 250006 2011-03-01 UPPER MANNVILLE F  
0527 250007 2010-04-01 UPPER MANNVILLE G  
0527 250009 2010-04-01 UPPER MANNVILLE I  
0527 250010 2010-04-01 UPPER MANNVILLE J  
0527 250011 2002-08-01 UPPER MANNVILLE K  
0527 250012 2013-06-01 UPPER MANNVILLE L  
0527 250013 2006-02-01 UPPER MANNVILLE M  
0527 250014 2001-02-01 UPPER MANNVILLE N  
0527 250015 2011-01-01 UPPER MANNVILLE O  
0527 250016 2010-03-01 UPPER MANNVILLE P  
0527 250018 2001-02-01 UPPER MANNVILLE R  
0527 250019 2010-04-01 UPPER MANNVILLE S  
0527 250020 2010-08-01 UPPER MANNVILLE T  
0527 250021 2010-04-01 UPPER MANNVILLE U  
0527 250023 2007-09-01 UPPER MANNVILLE W  
0527 250024 2006-06-01 UPPER MANNVILLE X  
0527 250025 2013-07-01 UPPER MANNVILLE Y  
0527 250026 2002-03-01 UPPER MANNVILLE Z  
0527 250027 2001-02-01 UPPER MANNVILLE AA  
0527 250028 2001-02-01 UPPER MANNVILLE BB  
0527 250029 2008-09-01 UPPER MANNVILLE CC  
0527 250030 2001-02-01 UPPER MANNVILLE DD  
0527 250032 2010-04-01 UPPER MANNVILLE FF  
0527 250033 2001-08-01 UPPER MANNVILLE GG  
0527 250034 2007-12-01 UPPER MANNVILLE HH

**POOL DESIGNATION (cont'd)**

|                        |                     |
|------------------------|---------------------|
| 0527 250035 2010-04-01 | UPPER MANNVILLE II  |
| 0527 250036 2011-01-01 | UPPER MANNVILLE JJ  |
| 0527 250037 2010-04-01 | UPPER MANNVILLE KK  |
| 0527 250038 2001-02-01 | UPPER MANNVILLE LL  |
| 0527 250039 2003-12-01 | UPPER MANNVILLE MM  |
| 0527 250043 2001-02-01 | UPPER MANNVILLE QQ  |
| 0527 250045 2001-02-01 | UPPER MANNVILLE SS  |
| 0527 250046 2001-02-01 | UPPER MANNVILLE TT  |
| 0527 250047 2010-04-01 | UPPER MANNVILLE UU  |
| 0527 250048 2001-02-01 | UPPER MANNVILLE VV  |
| 0527 250049 2014-12-01 | UPPER MANNVILLE WW  |
| 0527 250050 2001-02-01 | UPPER MANNVILLE XX  |
| 0527 250051 2004-01-01 | UPPER MANNVILLE YY  |
| 0527 250703 2002-03-01 | UPPER MANNVILLE CCC |
| 0527 250704 2001-02-01 | UPPER MANNVILLE DDD |
| 0527 250705 2001-02-01 | UPPER MANNVILLE EEE |
| 0527 250706 2002-03-01 | UPPER MANNVILLE FFF |
| 0527 250710 2010-08-01 | UPPER MANNVILLE JJJ |
| 0527 250711 2001-02-01 | UPPER MANNVILLE KKK |
| 0527 250712 2010-08-01 | UPPER MANNVILLE LLL |
| 0527 250714 2010-04-01 | UPPER MANNVILLE NNN |
| 0527 250716 2010-04-01 | UPPER MANNVILLE PPP |
| 0527 250718 2010-04-01 | UPPER MANNVILLE RRR |
| 0527 250719 2001-02-01 | UPPER MANNVILLE SSS |
| 0527 250720 2001-02-01 | UPPER MANNVILLE TTT |
| 0527 250721 2008-06-01 | UPPER MANNVILLE UUU |
| 0527 250722 2001-02-01 | UPPER MANNVILLE VVV |
| 0527 250723 2001-02-01 | UPPER MANNVILLE WWW |
| 0527 250724 2010-04-01 | UPPER MANNVILLE XXX |
| 0527 250725 2004-01-01 | UPPER MANNVILLE YYY |
| 0527 250726 2001-02-01 | UPPER MANNVILLE ZZZ |
| 0527 250727 2001-02-01 | UPPER MANNVILLE A2A |
| 0527 250731 2010-05-01 | UPPER MANNVILLE E2E |
| 0527 250732 2001-02-01 | UPPER MANNVILLE F2F |
| 0527 250742 2010-11-01 | UPPER MANNVILLE P2P |
| 0527 250744 2004-07-01 | UPPER MANNVILLE R2R |
| 0527 250745 2010-04-01 | UPPER MANNVILLE S2S |
| 0527 250747 2010-04-01 | UPPER MANNVILLE U2U |

**POOL DESIGNATION (cont'd)**

|                        |                     |
|------------------------|---------------------|
| 0527 250748 2010-04-01 | UPPER MANNVILLE V2V |
| 0527 250749 2001-10-01 | UPPER MANNVILLE W2W |
| 0527 250751 2002-02-01 | UPPER MANNVILLE Y2Y |
| 0527 251101 2002-04-01 | UPPER MANNVILLE A3A |
| 0527 251102 2002-05-01 | UPPER MANNVILLE B3B |
| 0527 251105 2009-03-01 | UPPER MANNVILLE E3E |
| 0527 251106 2003-05-01 | UPPER MANNVILLE F3F |
| 0527 251107 2003-11-01 | UPPER MANNVILLE G3G |
| 0527 251108 2003-06-01 | UPPER MANNVILLE H3H |
| 0527 251109 2010-08-01 | UPPER MANNVILLE I3I |
| 0527 251110 2003-07-01 | UPPER MANNVILLE J3J |
| 0527 251111 2003-07-01 | UPPER MANNVILLE K3K |
| 0527 251113 2013-06-01 | UPPER MANNVILLE M3M |
| 0527 251114 2003-08-01 | UPPER MANNVILLE N3N |
| 0527 251115 2013-07-01 | UPPER MANNVILLE O3O |
| 0527 251116 2010-05-01 | UPPER MANNVILLE P3P |
| 0527 251118 2008-06-01 | UPPER MANNVILLE R3R |
| 0527 251119 2010-04-01 | UPPER MANNVILLE S3S |
| 0527 251123 2003-12-01 | UPPER MANNVILLE W3W |
| 0527 251124 2010-04-01 | UPPER MANNVILLE X3X |
| 0527 251125 2015-05-01 | UPPER MANNVILLE Y3Y |
| 0527 251126 2010-04-01 | UPPER MANNVILLE Z3Z |
| 0527 251128 2010-04-01 | UPPER MANNVILLE B4B |
| 0527 251129 2004-01-01 | UPPER MANNVILLE C4C |
| 0527 251130 2004-07-01 | UPPER MANNVILLE D4D |
| 0527 251131 2004-03-01 | UPPER MANNVILLE E4E |
| 0527 251132 2013-08-01 | UPPER MANNVILLE F4F |
| 0527 251133 2004-01-01 | UPPER MANNVILLE G4G |
| 0527 251134 2004-01-01 | UPPER MANNVILLE H4H |
| 0527 251135 2004-03-01 | UPPER MANNVILLE I4I |
| 0527 251136 2010-04-01 | UPPER MANNVILLE J4J |
| 0527 251138 2008-06-01 | UPPER MANNVILLE L4L |
| 0527 251139 2010-04-01 | UPPER MANNVILLE M4M |
| 0527 251140 2005-10-01 | UPPER MANNVILLE N4N |
| 0527 251141 2006-01-01 | UPPER MANNVILLE O4O |
| 0527 251142 2006-03-01 | UPPER MANNVILLE P4P |
| 0527 251143 2006-04-01 | UPPER MANNVILLE Q4Q |
| 0527 251144 2007-07-01 | UPPER MANNVILLE R4R |

**POOL DESIGNATION (cont'd)**

|                        |                     |
|------------------------|---------------------|
| 0527 251145 2008-05-01 | UPPER MANNVILLE S4S |
| 0527 251146 2008-07-01 | UPPER MANNVILLE T4T |
| 0527 251147 2008-07-01 | UPPER MANNVILLE U4U |
| 0527 251148 2008-07-01 | UPPER MANNVILLE V4V |
| 0527 251149 2008-08-01 | UPPER MANNVILLE W4W |
| 0527 251150 2008-08-01 | UPPER MANNVILLE X4X |
| 0527 251151 2010-04-01 | UPPER MANNVILLE Y4Y |
| 0527 251152 2009-04-01 | UPPER MANNVILLE Z4Z |
| 0527 251501 2010-04-01 | UPPER MANNVILLE A5A |
| 0527 251502 2010-05-01 | UPPER MANNVILLE B5B |
| 0527 251503 2010-04-01 | UPPER MANNVILLE C5C |
| 0527 251504 2009-07-01 | UPPER MANNVILLE D5D |
| 0527 251505 2013-04-01 | UPPER MANNVILLE E5E |
| 0527 251506 2010-05-01 | UPPER MANNVILLE F5F |
| 0527 251507 2010-05-01 | UPPER MANNVILLE G5G |
| 0527 251508 2010-05-01 | UPPER MANNVILLE H5H |
| 0527 251509 2010-05-01 | UPPER MANNVILLE I5I |
| 0527 251510 2010-12-01 | UPPER MANNVILLE J5J |
| 0527 251511 2010-09-01 | UPPER MANNVILLE K5K |
| 0527 251512 2010-09-01 | UPPER MANNVILLE L5L |
| 0527 251513 2010-09-01 | UPPER MANNVILLE M5M |
| 0527 251514 2010-09-01 | UPPER MANNVILLE N5N |
| 0527 251515 2010-09-01 | UPPER MANNVILLE O5O |
| 0527 251516 2010-09-01 | UPPER MANNVILLE P5P |
| 0527 251517 2010-09-01 | UPPER MANNVILLE Q5Q |
| 0527 251518 2010-09-01 | UPPER MANNVILLE R5R |
| 0527 251519 2013-06-01 | UPPER MANNVILLE S5S |
|                        |                     |
| 0527 262001 2014-08-01 | GRAND RAPIDS A      |
| 0527 262002 2014-08-01 | GRAND RAPIDS B      |
| 0527 262003 2014-08-01 | GRAND RAPIDS C      |
| 0527 262004 2014-08-01 | GRAND RAPIDS D      |
| 0527 262005 2014-08-01 | GRAND RAPIDS E      |
| 0527 262006 2014-08-01 | GRAND RAPIDS F      |
| 0527 262007 2014-08-01 | GRAND RAPIDS G      |
| 0527 262008 2014-08-01 | GRAND RAPIDS H      |
| 0527 262009 2014-08-01 | GRAND RAPIDS I      |
| 0527 262010 2014-08-01 | GRAND RAPIDS J      |

**POOL DESIGNATION (cont'd)**

|                        |                     |
|------------------------|---------------------|
| 0527 306001 2014-08-01 | WABISKAW A          |
| 0527 306201 2010-04-01 | WABISKAW-MCMURRAY A |
| 0527 306202 2004-01-01 | WABISKAW-MCMURRAY B |
| 0527 310007 2001-02-01 | LOWER MANNVILLE G   |
| 0527 310008 2010-04-01 | LOWER MANNVILLE H   |
| 0527 310009 2004-01-01 | LOWER MANNVILLE I   |
| 0527 310012 2003-12-01 | LOWER MANNVILLE L   |
| 0527 310013 2002-09-01 | LOWER MANNVILLE M   |
| 0527 310017 2003-12-01 | LOWER MANNVILLE Q   |
| 0527 310018 2004-01-01 | LOWER MANNVILLE R   |
| 0527 310021 2002-03-01 | LOWER MANNVILLE U   |
| 0527 310022 2002-01-01 | LOWER MANNVILLE V   |
| 0527 310023 2002-03-01 | LOWER MANNVILLE W   |
| 0527 310024 2010-12-01 | LOWER MANNVILLE X   |
| 0527 310026 2009-06-01 | LOWER MANNVILLE Z   |
| 0527 310029 2005-04-01 | LOWER MANNVILLE CC  |
| 0527 310030 2004-01-01 | LOWER MANNVILLE DD  |
| 0527 310031 2004-01-01 | LOWER MANNVILLE EE  |
| 0527 310032 2004-01-01 | LOWER MANNVILLE FF  |
| 0527 310033 2010-04-01 | LOWER MANNVILLE GG  |
| 0527 310034 2004-01-01 | LOWER MANNVILLE HH  |
| 0527 310035 2004-01-01 | LOWER MANNVILLE II  |
| 0527 310036 2004-01-01 | LOWER MANNVILLE JJ  |
| 0527 310037 2007-07-01 | LOWER MANNVILLE KK  |
| 0527 310039 2004-01-01 | LOWER MANNVILLE MM  |
| 0527 310040 2004-01-01 | LOWER MANNVILLE NN  |
| 0527 310042 2004-01-01 | LOWER MANNVILLE PP  |
| 0527 310044 2008-06-01 | LOWER MANNVILLE RR  |
| 0527 310045 2008-06-01 | LOWER MANNVILLE SS  |
| 0527 310046 2010-09-01 | LOWER MANNVILLE TT  |
| 0527 328003 2014-08-01 | MCMURRAY C          |
| 0527 328004 2014-08-01 | MCMURRAY D          |
| 0527 328005 2014-08-01 | MCMURRAY E          |
| 0527 328006 2014-08-01 | MCMURRAY F          |

**SPACING PATTERN**

|          |             |
|----------|-------------|
| SU 2635  | 16 Feb 1996 |
| SU 2635A | 6 Feb 1998  |
| SU 2635B | 2 Mar 2000  |
| SU 2635C | 7 Nov 2000  |
| SU 2635D | 7 May 2001  |
| SU 2635E | 19 Apr 2002 |
| SU 2635F | 8 Jul 2004  |

**COMMINGLED PRODUCTION**

|         |             |
|---------|-------------|
| MU 7426 | 25 May 2010 |
|---------|-------------|

**FIELD DESIGNATION**

0529 2014-03-01                      KIRKWALL FIELD

**POOL DESIGNATION**

0529 126001 2001-02-01            BELLY RIVER A  
0529 126002 2010-04-01            BELLY RIVER B  
0529 126003 2001-02-01            BELLY RIVER C  
0529 126004 2001-02-01            BELLY RIVER D  
0529 126007 2001-02-01            BELLY RIVER G  
0529 126008 2010-05-01            BELLY RIVER H  
0529 126010 2001-02-01            BELLY RIVER J  
0529 126011 2001-02-01            BELLY RIVER K  
0529 126012 2001-02-01            BELLY RIVER L  
0529 126013 2001-02-01            BELLY RIVER M  
0529 126014 2001-02-01            BELLY RIVER N  
0529 126016 2001-02-01            BELLY RIVER P  
0529 126018 2010-04-01            BELLY RIVER R  
0529 126019 2004-01-01            BELLY RIVER S  
0529 126020 2007-12-01            BELLY RIVER T  
0529 126021 2007-12-01            BELLY RIVER U  
0529 126022 2007-08-01            BELLY RIVER V

0529 134001 2005-07-01            BASAL BELLY RIVER A  
0529 134002 2005-07-01            BASAL BELLY RIVER B  
0529 134003 2005-07-01            BASAL BELLY RIVER C  
0529 134004 2005-07-01            BASAL BELLY RIVER D

0529 158001 2007-12-01            MILK RIVER A  
0529 158002 2007-12-01            MILK RIVER B  
0529 158004 2007-12-01            MILK RIVER D

0529 202001 2006-05-01            FISH SCALE A  
0529 202002 2010-03-01            FISH SCALE B

0529 218001 2010-04-01            VIKING A  
0529 218002 2010-04-01            VIKING B

**POOL DESIGNATION (cont'd)**

|             |            |                    |
|-------------|------------|--------------------|
| 0529 218003 | 2001-02-01 | VIKING C           |
| 0529 218004 | 2001-02-01 | VIKING D           |
| 0529 218005 | 2001-02-01 | VIKING E           |
| 0529 218006 | 2001-02-01 | VIKING F           |
| 0529 218007 | 2001-03-01 | VIKING G           |
| 0529 218008 | 2001-03-01 | VIKING H           |
| 0529 218009 | 2001-03-01 | VIKING I           |
| 0529 218010 | 2001-03-01 | VIKING J           |
| 0529 218011 | 2003-02-01 | VIKING K           |
| 0529 218012 | 2010-04-01 | VIKING L           |
| 0529 218013 | 2007-07-01 | VIKING M           |
|             |            |                    |
| 0529 250001 | 2001-02-01 | UPPER MANNVILLE A  |
| 0529 250002 | 2001-02-01 | UPPER MANNVILLE B  |
| 0529 250003 | 2008-11-01 | UPPER MANNVILLE C  |
| 0529 250004 | 2010-03-01 | UPPER MANNVILLE D  |
| 0529 250005 | 2010-03-01 | UPPER MANNVILLE E  |
| 0529 250006 | 2010-03-01 | UPPER MANNVILLE F  |
|             |            |                    |
| 0529 256001 | 2001-02-01 | COLONY A           |
| 0529 256003 | 2006-07-01 | COLONY C           |
| 0529 256004 | 2012-02-01 | COLONY D           |
|             |            |                    |
| 0529 310001 | 2001-02-01 | LOWER MANNVILLE A  |
| 0529 310002 | 2006-04-01 | LOWER MANNVILLE B  |
|             |            |                    |
| 0529 350001 | 2001-02-01 | DETRITAL A         |
| 0529 350002 | 2005-07-01 | DETRITAL B         |
| 0529 350003 | 2009-08-01 | DETRITAL C         |
|             |            |                    |
| 0529 853600 | 2010-04-01 | MFP8536 MILK RIVER |

**SPACING PATTERN**

**COMMINGLED PRODUCTION**

|          |             |
|----------|-------------|
| SU 2693  | 13 Mar 1996 |
| SU 2693A | 17 Dec 2004 |
| SU 2693B | 12 Dec 2005 |
| SU 2693C | 21 Mar 2007 |

|         |             |
|---------|-------------|
| MU 7225 | 24 Aug 2009 |
|---------|-------------|

**FIELD DESIGNATION**

0530 2008-07-01 KITSIM FIELD

**POOL DESIGNATION**

0530 126002 2008-08-01 BELLY RIVER B

0530 213001 2004-03-01 BOW ISLAND A

0530 213002 2004-03-01 BOW ISLAND B

0530 213003 2004-03-01 BOW ISLAND C

0530 213004 2001-02-01 BOW ISLAND D

0530 213005 2006-06-01 BOW ISLAND E

0530 213006 2003-08-01 BOW ISLAND F

0530 213007 2001-02-01 BOW ISLAND G

0530 213008 2001-02-01 BOW ISLAND H

0530 250001 2005-06-01 UPPER MANNVILLE A

0530 250002 2001-02-01 UPPER MANNVILLE B

0530 250003 2001-03-01 UPPER MANNVILLE C

0530 250004 2001-03-01 UPPER MANNVILLE D

0530 250005 2001-12-01 UPPER MANNVILLE E

0530 250006 2013-03-01 UPPER MANNVILLE F

0530 250007 2003-07-01 UPPER MANNVILLE G

0530 250008 2003-01-01 UPPER MANNVILLE H

0530 250009 2003-02-01 UPPER MANNVILLE I

0530 250010 2003-08-01 UPPER MANNVILLE J

0530 250011 2003-09-01 UPPER MANNVILLE K

0530 250012 2010-04-01 UPPER MANNVILLE L

0530 250013 2008-03-01 UPPER MANNVILLE M

0530 250014 2009-06-01 UPPER MANNVILLE N

0530 250015 2010-03-01 UPPER MANNVILLE O

0530 250016 2013-03-01 UPPER MANNVILLE P

0530 310001 2002-02-01 LOWER MANNVILLE A

0530 310002 2003-08-01 LOWER MANNVILLE B

0530 310003 2003-08-01 LOWER MANNVILLE C

0530 310004 2003-08-01 LOWER MANNVILLE D

**POOL DESIGNATION (cont'd)**

0530 310005 2010-04-01 LOWER MANNVILLE E  
0530 310006 2004-02-01 LOWER MANNVILLE F  
0530 310007 2005-03-01 LOWER MANNVILLE G  
0530 310008 2007-07-01 LOWER MANNVILLE H  
0530 310009 2010-10-01 LOWER MANNVILLE I  
  
0530 850100 2010-04-01 MFP8501 MILK RIVER  
  
0530 850200 2010-08-01 MFP8502 MED HAT  
  
0530 850500 2010-12-01 MFP8505 2WS  
  
0530 854300 2011-04-01 MFP8543 BSL BELLY RIV  
  
0530 855000 2011-01-01 MFP8550 BELLY RIVER

**SPACING PATTERN**

SU 2981 11 Jul 2000  
SU 2981A 21 Feb 2001  
SU 2981B 14 Feb 2002  
SU 2981C 20 Nov 2002  
SU 2981D 2 Sep 2003  
SU 2981E 23 Feb 2004  
SU 2981F 15 Jun 2007

**MISCELLANEOUS ORDERS**

MISC 94150 12 May 1994  
Suspend gas spacing within holding

**COMMINGLED PRODUCTION**

MU 7560 5 Oct 2010

**FIELD DESIGNATION**

0537 2013-03-01                      KLESKUN FIELD

**POOL DESIGNATION**

0537 192001 2005-08-01      DUNVEGAN A  
0537 192002 2010-04-01      DUNVEGAN B  
0537 192003 2007-02-01      DUNVEGAN C

0537 744001 2010-03-01      BEAVERHILL LAKE A  
0537 744004 2010-01-01      BEAVERHILL LAKE D  
0537 744005 2007-10-01      BEAVERHILL LAKE E  
0537 744006 2013-03-01      BEAVERHILL LAKE F

0537 797501 2010-02-01      GRANITE WASH A  
0537 797502 2013-07-01      GRANITE WASH B

**SPACING PATTERN**

SU 2399            15 Nov 1995

**ENHANCED RECOVERY SCHEMES**

App 10848G    26 Jun 2014  
Waterflood  
Beaverhill Lake A  
Harvest Operations Corp.

App 12375      10 Mar 2015  
Waterflood  
Beaverhill Lake A  
Canadian Natural Resources Limited

**SUBSURFACE DISPOSAL SCHEMES**

App 11675B    13 Dec 2012  
Class II  
Harvest Operations Corp.

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

App 11773B    21 Mar 2014  
Class II  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

0534 2005-11-01 KNAPPEN FIELD

**POOL DESIGNATION**

0534 164001 2012-02-01 MEDICINE HAT A  
0534 164002 2009-11-01 MEDICINE HAT B  
0534 164003 2010-05-01 MEDICINE HAT C

0534 186001 2011-09-01 SECOND WHITE SPECKS A

0534 202001 2010-03-01 FISH SCALE A

0534 204001 2003-06-01 BARONS A  
0534 204002 2002-07-01 BARONS B  
0534 204003 2003-04-01 BARONS C  
0534 204004 2006-03-01 BARONS D

0534 250001 2001-02-01 UPPER MANNVILLE A  
0534 250002 2001-02-01 UPPER MANNVILLE B  
0534 250004 2002-10-01 UPPER MANNVILLE D  
0534 250005 2004-10-01 UPPER MANNVILLE E

0534 310001 2007-08-01 LOWER MANNVILLE A  
0534 310003 2001-02-01 LOWER MANNVILLE C  
0534 310004 2004-12-01 LOWER MANNVILLE D  
0534 310005 2001-02-01 LOWER MANNVILLE E  
0534 310006 2001-02-01 LOWER MANNVILLE F  
0534 310007 2001-02-01 LOWER MANNVILLE G  
0534 310008 2001-02-01 LOWER MANNVILLE H  
0534 310009 2001-02-01 LOWER MANNVILLE I  
0534 310010 2001-07-01 LOWER MANNVILLE J  
0534 310011 2011-09-01 LOWER MANNVILLE K  
0534 310013 2004-02-01 LOWER MANNVILLE M  
0534 310014 2004-10-01 LOWER MANNVILLE N  
0534 310015 2004-12-01 LOWER MANNVILLE O  
0534 310016 2005-05-01 LOWER MANNVILLE P

**POOL DESIGNATION (cont'd)**

0534 310017 2005-09-01 LOWER MANNVILLE Q  
0534 310018 2005-11-01 LOWER MANNVILLE R  
0534 310019 2007-07-01 LOWER MANNVILLE S  
0534 310020 2013-07-01 LOWER MANNVILLE T  
0534 310021 2013-11-01 LOWER MANNVILLE U

0534 428001 2001-02-01 SAWTOOTH A  
0534 428002 2003-08-01 SAWTOOTH B  
0534 428003 2014-01-01 SAWTOOTH C

0534 610001 2004-11-01 RUNDLE A  
0534 610002 2004-02-01 RUNDLE B

**SPACING PATTERN**

SU 2396 15 Nov 1995  
SU 2396A 15 Mar 2001  
SU 2396B 30 Jul 2002  
SU 2396C 28 Oct 2002

**COMMINGLED PRODUCTION**

MU 7550 5 Oct 2010

**COMPULSORY POOLING**

P 229 17 Oct 2002  
Gas  
05-001-11W4M  
Sierra Production Company

**FIELD DESIGNATION**

0535 2006-11-01 KNELLER FIELD

**POOL DESIGNATION**

0535 106001 2010-04-01 EDMONTON A

0535 126001 2001-06-01 BELLY RIVER A

0535 126002 2011-05-01 BELLY RIVER B

0535 250001 2003-06-01 UPPER MANNVILLE A

0535 300001 2001-02-01 GLAUCONITIC A

0535 310001 2010-04-01 LOWER MANNVILLE A

0535 310002 2001-02-01 LOWER MANNVILLE B

0535 310003 2001-02-01 LOWER MANNVILLE C

0535 310004 2001-02-01 LOWER MANNVILLE D

0535 310005 2001-02-01 LOWER MANNVILLE E

0535 310006 2001-02-01 LOWER MANNVILLE F

0535 310007 2001-05-01 LOWER MANNVILLE G

0535 310008 2001-06-01 LOWER MANNVILLE H

0535 310009 2010-04-01 LOWER MANNVILLE I

0535 310010 2003-07-01 LOWER MANNVILLE J

0535 310011 2010-04-01 LOWER MANNVILLE K

0535 310012 2004-07-01 LOWER MANNVILLE L

0535 310013 2004-09-01 LOWER MANNVILLE M

0535 310014 2005-05-01 LOWER MANNVILLE N

0535 310015 2006-11-01 LOWER MANNVILLE O

0535 310016 2010-04-01 LOWER MANNVILLE P

**SUBSURFACE DISPOSAL SCHEMES**

**COMPULSORY POOLING**

App 8690A 13 Apr 2012

Class II

Anderson Energy Ltd.

P 207

3 Jul 2001

Gas

21-049-24W4M

Northstar Energy Corp.

**FIELD DESIGNATION**

1135 2015-01-01                    KOTCHO FIELD

**POOL DESIGNATION**

1135 642001 2013-10-01        PEKISKO A

1135 642002 2009-01-01        PEKISKO B

1135 644001 2010-04-01        BANFF A

1135 658001 2010-04-01        WABAMUN A

1135 658002 2010-04-01        WABAMUN B

1135 658003 2010-04-01        WABAMUN C

1135 658004 2010-04-01        WABAMUN D

1135 658005 2009-03-01        WABAMUN E

1135 702001 2008-06-01        JEAN MARIE A

1135 702002 2008-06-01        JEAN MARIE B

1135 702004 2010-04-01        JEAN MARIE D

1135 702005 2009-02-01        JEAN MARIE E

1135 702006 2010-04-01        JEAN MARIE F

1135 702007 2010-04-01        JEAN MARIE G

1135 702008 2009-06-01        JEAN MARIE H

**SPACING PATTERN**

SU 4340            1 Oct 2006

SU 4340A          25 Apr 2007