

FIELD DESIGNATION

0920 2018-06-01 VALHALLA FIELD

POOL DESIGNATION

0920 190001 2013-06-01 DOE CREEK A
0920 190009 2014-12-01 DOE CREEK I
0920 190011 2013-03-01 DOE CREEK K
0920 190012 2012-11-01 DOE CREEK L
0920 190013 2014-05-01 DOE CREEK M
0920 190015 2001-02-01 DOE CREEK O
0920 190016 2001-02-01 DOE CREEK P
0920 190018 2001-02-01 DOE CREEK R
0920 190020 2010-04-01 DOE CREEK T
0920 190021 2010-04-01 DOE CREEK U
0920 190022 2012-05-01 DOE CREEK V
0920 190024 2001-02-01 DOE CREEK X
0920 190025 2001-02-01 DOE CREEK Y
0920 190026 2001-02-01 DOE CREEK Z
0920 190028 2010-04-01 DOE CREEK BB
0920 190029 2013-09-01 DOE CREEK CC
0920 190030 2001-02-01 DOE CREEK DD
0920 190031 2010-04-01 DOE CREEK EE
0920 190032 2001-02-01 DOE CREEK FF
0920 190033 2013-12-01 DOE CREEK GG
0920 190034 2001-02-01 DOE CREEK HH
0920 190035 2008-10-01 DOE CREEK II
0920 190036 2007-05-01 DOE CREEK JJ
0920 190038 2005-12-01 DOE CREEK LL
0920 190039 2005-12-01 DOE CREEK MM
0920 190040 2010-04-01 DOE CREEK NN
0920 190041 2006-09-01 DOE CREEK OO
0920 190042 2010-08-01 DOE CREEK PP
0920 190044 2013-01-01 DOE CREEK RR
0920 190045 2013-07-01 DOE CREEK SS
0920 190046 2018-04-01 DOE CREEK TT
0920 190047 2014-07-01 DOE CREEK UU

POOL DESIGNATION (cont'd)

0920 190048 2014-09-01 DOE CREEK VV

0920 192001 2010-04-01 DUNVEGAN A

0920 192002 2009-04-01 DUNVEGAN B

0920 192003 2010-04-01 DUNVEGAN C

0920 192004 2004-08-01 DUNVEGAN D

0920 192005 2007-12-01 DUNVEGAN E

0920 192006 2008-02-01 DUNVEGAN F

0920 192007 2008-09-01 DUNVEGAN G

0920 192009 2008-10-01 DUNVEGAN I

0920 192010 2009-05-01 DUNVEGAN J

0920 192011 2009-09-01 DUNVEGAN K

0920 192012 2014-07-01 DUNVEGAN L

0920 230001 2003-05-01 PADDY A

0920 230002 2005-10-01 PADDY B

0920 230003 2008-07-01 PADDY C

0920 230004 2004-01-01 PADDY D

0920 230005 2001-02-01 PADDY E

0920 230006 2001-02-01 PADDY F

0920 230007 2001-02-01 PADDY G

0920 230009 2014-07-01 PADDY I

0920 230010 2014-07-01 PADDY J

0920 230011 2014-07-01 PADDY K

0920 230012 2014-07-01 PADDY L

0920 232001 2005-07-01 CADOTTE A

0920 232002 2001-02-01 CADOTTE B

0920 232003 2001-02-01 CADOTTE C

0920 232004 2001-02-01 CADOTTE D

0920 232005 2014-07-01 CADOTTE E

0920 271501 2010-02-01 FALHER A

0920 271502 2005-05-01 FALHER B

0920 271503 2010-08-01 FALHER C

0920 271504 2010-04-01 FALHER D

0920 271505 2010-06-01 FALHER E

0920 271506 2010-06-01 FALHER F

POOL DESIGNATION (cont'd)

| | |
|------------------------|------------|
| 0920 271507 2011-11-01 | FALHER G |
| 0920 271508 2012-06-01 | FALHER H |
| 0920 304002 2001-02-01 | BLUESKY B |
| 0920 304003 2006-09-01 | BLUESKY C |
| 0920 304005 2001-02-01 | BLUESKY E |
| 0920 304006 2010-04-01 | BLUESKY F |
| 0920 304007 2001-02-01 | BLUESKY G |
| 0920 304009 2001-02-01 | BLUESKY I |
| 0920 304010 2008-06-01 | BLUESKY J |
| 0920 304011 2010-04-01 | BLUESKY K |
| 0920 304012 2010-04-01 | BLUESKY L |
| 0920 304013 2001-02-01 | BLUESKY M |
| 0920 304014 2001-02-01 | BLUESKY N |
| 0920 304015 2001-02-01 | BLUESKY O |
| 0920 304016 2001-02-01 | BLUESKY P |
| 0920 304017 2009-03-01 | BLUESKY Q |
| 0920 304018 2007-12-01 | BLUESKY R |
| 0920 304019 2001-02-01 | BLUESKY S |
| 0920 304020 2001-02-01 | BLUESKY T |
| 0920 304021 2001-02-01 | BLUESKY U |
| 0920 304022 2001-02-01 | BLUESKY V |
| 0920 304023 2002-03-01 | BLUESKY W |
| 0920 304024 2010-04-01 | BLUESKY X |
| 0920 304025 2001-02-01 | BLUESKY Y |
| 0920 304027 2017-01-01 | BLUESKY AA |
| 0920 304028 2010-04-01 | BLUESKY BB |
| 0920 304029 2001-02-01 | BLUESKY CC |
| 0920 304030 2006-06-01 | BLUESKY DD |
| 0920 304031 2001-03-01 | BLUESKY EE |
| 0920 304033 2002-05-01 | BLUESKY GG |
| 0920 304034 2002-07-01 | BLUESKY HH |
| 0920 304036 2010-04-01 | BLUESKY JJ |
| 0920 304037 2005-01-01 | BLUESKY KK |
| 0920 304038 2005-09-01 | BLUESKY LL |
| 0920 304039 2010-04-01 | BLUESKY MM |
| 0920 304041 2008-01-01 | BLUESKY OO |
| 0920 304042 2008-10-01 | BLUESKY PP |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|------------|
| 0920 304043 | 2009-03-01 | BLUESKY QQ |
| 0920 304044 | 2014-07-01 | BLUESKY RR |
| 0920 326003 | 2001-02-01 | GETHING C |
| 0920 326004 | 2001-02-01 | GETHING D |
| 0920 326007 | 2008-03-01 | GETHING G |
| 0920 326008 | 2001-02-01 | GETHING H |
| 0920 326009 | 2001-02-01 | GETHING I |
| 0920 326010 | 2001-02-01 | GETHING J |
| 0920 326011 | 2001-02-01 | GETHING K |
| 0920 326012 | 2008-08-01 | GETHING L |
| 0920 326013 | 2001-02-01 | GETHING M |
| 0920 326014 | 2001-02-01 | GETHING N |
| 0920 326015 | 2001-02-01 | GETHING O |
| 0920 326016 | 2001-02-01 | GETHING P |
| 0920 326017 | 2001-02-01 | GETHING Q |
| 0920 326018 | 2001-06-01 | GETHING R |
| 0920 326019 | 2001-09-01 | GETHING S |
| 0920 326020 | 2001-10-01 | GETHING T |
| 0920 326021 | 2002-02-01 | GETHING U |
| 0920 326022 | 2002-05-01 | GETHING V |
| 0920 326023 | 2003-02-01 | GETHING W |
| 0920 326024 | 2003-01-01 | GETHING X |
| 0920 326025 | 2003-11-01 | GETHING Y |
| 0920 326026 | 2004-02-01 | GETHING Z |
| 0920 326027 | 2010-07-01 | GETHING AA |
| 0920 326028 | 2005-01-01 | GETHING BB |
| 0920 326030 | 2010-04-01 | GETHING DD |
| 0920 326031 | 2009-04-01 | GETHING EE |
| 0920 326032 | 2009-06-01 | GETHING FF |
| 0920 326033 | 2010-08-01 | GETHING GG |
| 0920 326034 | 2011-05-01 | GETHING HH |
| 0920 326035 | 2013-11-01 | GETHING II |
| 0920 326036 | 2014-07-01 | GETHING JJ |
| 0920 326037 | 2014-07-01 | GETHING KK |
| 0920 326038 | 2014-07-01 | GETHING LL |
| 0920 326039 | 2014-07-01 | GETHING MM |
| 0920 326040 | 2014-07-01 | GETHING NN |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|--------------|
| 0920 326041 | 2014-07-01 | GETHING OO |
| 0920 326042 | 2014-07-01 | GETHING PP |
| 0920 326043 | 2014-07-01 | GETHING QQ |
| 0920 326044 | 2014-07-01 | GETHING RR |
| 0920 326045 | 2014-07-01 | GETHING SS |
| 0920 326046 | 2014-07-01 | GETHING TT |
| 0920 326047 | 2014-07-01 | GETHING UU |
| 0920 326048 | 2014-07-01 | GETHING VV |
| 0920 326049 | 2014-07-01 | GETHING WW |
| 0920 326050 | 2014-07-01 | GETHING XX |
| 0920 326051 | 2014-07-01 | GETHING YY |
| 0920 326052 | 2014-07-01 | GETHING ZZ |
| 0920 326601 | 2014-07-01 | GETHING AAA |
| 0920 326602 | 2014-08-01 | GETHING BBB |
| | | |
| 0920 348002 | 2001-02-01 | CADOMIN B |
| 0920 348003 | 2001-02-01 | CADOMIN C |
| 0920 348004 | 2010-04-01 | CADOMIN D |
| 0920 348005 | 2001-02-01 | CADOMIN E |
| 0920 348006 | 2001-02-01 | CADOMIN F |
| 0920 348008 | 2001-02-01 | CADOMIN H |
| 0920 348009 | 2010-08-01 | CADOMIN I |
| 0920 348010 | 2014-07-01 | CADOMIN J |
| 0920 348011 | 2014-07-01 | CADOMIN K |
| 0920 348012 | 2014-07-01 | CADOMIN L |
| 0920 348013 | 2014-07-01 | CADOMIN M |
| 0920 348014 | 2014-07-01 | CADOMIN N |
| | | |
| 0920 408001 | 2008-03-01 | NIKANASSIN A |
| 0920 408002 | 2008-11-01 | NIKANASSIN B |
| | | |
| 0920 444001 | 2014-07-01 | NORDEGG A |
| | | |
| 0920 506001 | 2002-07-01 | BALDONNEL A |
| 0920 506002 | 2014-07-01 | BALDONNEL B |
| 0920 506003 | 2014-07-01 | BALDONNEL C |
| 0920 506004 | 2014-07-01 | BALDONNEL D |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|-----------------|
| 0920 508001 | 2010-04-01 | CHARLIE LAKE A |
| 0920 508003 | 2001-02-01 | CHARLIE LAKE C |
| 0920 508004 | 2010-11-01 | CHARLIE LAKE D |
| 0920 508008 | 2010-04-01 | CHARLIE LAKE H |
| 0920 508009 | 2016-02-01 | CHARLIE LAKE I |
| 0920 508010 | 2001-02-01 | CHARLIE LAKE J |
| 0920 508011 | 2001-02-01 | CHARLIE LAKE K |
| 0920 508012 | 2001-02-01 | CHARLIE LAKE L |
| 0920 508013 | 2007-11-01 | CHARLIE LAKE M |
| 0920 508015 | 2011-09-01 | CHARLIE LAKE O |
| 0920 508016 | 2001-02-01 | CHARLIE LAKE P |
| 0920 508017 | 2001-02-01 | CHARLIE LAKE Q |
| 0920 508018 | 2001-02-01 | CHARLIE LAKE R |
| 0920 508019 | 2001-02-01 | CHARLIE LAKE S |
| 0920 508020 | 2001-02-01 | CHARLIE LAKE T |
| 0920 508021 | 2007-03-01 | CHARLIE LAKE U |
| 0920 508022 | 2001-02-01 | CHARLIE LAKE V |
| 0920 508023 | 2001-02-01 | CHARLIE LAKE W |
| 0920 508024 | 2001-02-01 | CHARLIE LAKE X |
| 0920 508025 | 2001-02-01 | CHARLIE LAKE Y |
| 0920 508026 | 2018-06-01 | CHARLIE LAKE Z |
| 0920 508027 | 2010-04-01 | CHARLIE LAKE AA |
| 0920 508029 | 2001-10-01 | CHARLIE LAKE CC |
| 0920 508030 | 2010-06-01 | CHARLIE LAKE DD |
| 0920 508031 | 2001-08-01 | CHARLIE LAKE EE |
| 0920 508032 | 2003-02-01 | CHARLIE LAKE FF |
| 0920 508033 | 2004-02-01 | CHARLIE LAKE GG |
| 0920 508034 | 2005-01-01 | CHARLIE LAKE HH |
| 0920 508035 | 2006-10-01 | CHARLIE LAKE II |
| 0920 508036 | 2010-04-01 | CHARLIE LAKE JJ |
| 0920 508037 | 2007-02-01 | CHARLIE LAKE KK |
| 0920 508038 | 2007-04-01 | CHARLIE LAKE LL |
| 0920 508040 | 2007-03-01 | CHARLIE LAKE NN |
| 0920 508041 | 2007-05-01 | CHARLIE LAKE OO |
| 0920 508042 | 2007-12-01 | CHARLIE LAKE PP |
| 0920 508043 | 2007-12-01 | CHARLIE LAKE QQ |
| 0920 508044 | 2007-12-01 | CHARLIE LAKE RR |
| 0920 508046 | 2008-02-01 | CHARLIE LAKE TT |

POOL DESIGNATION (cont'd)

| | |
|------------------------|------------------|
| 0920 508047 2008-11-01 | CHARLIE LAKE UU |
| 0920 508048 2018-05-01 | CHARLIE LAKE VV |
| 0920 508049 2008-10-01 | CHARLIE LAKE WW |
| 0920 508051 2009-02-01 | CHARLIE LAKE YY |
| 0920 508052 2009-03-01 | CHARLIE LAKE ZZ |
| 0920 508701 2009-05-01 | CHARLIE LAKE AAA |
| 0920 508702 2009-05-01 | CHARLIE LAKE BBB |
| 0920 508703 2009-05-01 | CHARLIE LAKE CCC |
| 0920 508704 2010-08-01 | CHARLIE LAKE DDD |
| 0920 508706 2011-03-01 | CHARLIE LAKE FFF |
| 0920 508707 2011-11-01 | CHARLIE LAKE GGG |
| 0920 508710 2017-12-01 | CHARLIE LAKE JJJ |
| 0920 508717 2014-07-01 | CHARLIE LAKE QQQ |
| 0920 508718 2014-07-01 | CHARLIE LAKE RRR |
| 0920 508719 2014-07-01 | CHARLIE LAKE SSS |
| 0920 508720 2014-07-01 | CHARLIE LAKE TTT |
| 0920 508721 2014-07-01 | CHARLIE LAKE UUU |
| 0920 508722 2014-07-01 | CHARLIE LAKE VVV |
| 0920 508723 2014-07-01 | CHARLIE LAKE WWW |
| 0920 508724 2014-07-01 | CHARLIE LAKE XXX |
| 0920 508725 2017-07-01 | CHARLIE LAKE YYY |
| 0920 508726 2014-07-01 | CHARLIE LAKE ZZZ |
| 0920 508727 2014-07-01 | CHARLIE LAKE A2A |
| 0920 508728 2014-07-01 | CHARLIE LAKE B2B |
| 0920 508729 2016-04-01 | CHARLIE LAKE C2C |
| 0920 508730 2014-07-01 | CHARLIE LAKE D2D |
| 0920 508731 2014-07-01 | CHARLIE LAKE E2E |
| 0920 508732 2014-07-01 | CHARLIE LAKE F2F |
| 0920 508733 2014-07-01 | CHARLIE LAKE G2G |
| 0920 508734 2014-07-01 | CHARLIE LAKE H2H |
| 0920 508735 2014-07-01 | CHARLIE LAKE I2I |
| 0920 508736 2014-07-01 | CHARLIE LAKE J2J |
| 0920 508737 2015-11-01 | CHARLIE LAKE K2K |
| 0920 508738 2014-07-01 | CHARLIE LAKE L2L |
| 0920 508739 2018-07-01 | CHARLIE LAKE M2M |
| 0920 508740 2014-07-01 | CHARLIE LAKE N2N |
| 0920 508741 2014-07-01 | CHARLIE LAKE O2O |
| 0920 508742 2014-07-01 | CHARLIE LAKE P2P |

POOL DESIGNATION (cont'd)

| | |
|------------------------|------------------|
| 0920 508743 2014-07-01 | CHARLIE LAKE Q2Q |
| 0920 508744 2014-07-01 | CHARLIE LAKE R2R |
| 0920 508745 2015-08-01 | CHARLIE LAKE S2S |
| 0920 508748 2014-07-01 | CHARLIE LAKE V2V |
| 0920 508749 2014-07-01 | CHARLIE LAKE W2W |
| 0920 508750 2014-07-01 | CHARLIE LAKE X2X |
| 0920 508751 2018-05-01 | CHARLIE LAKE Y2Y |
| 0920 508752 2014-07-01 | CHARLIE LAKE Z2Z |
| 0920 508801 2014-07-01 | CHARLIE LAKE A3A |
| 0920 508802 2017-07-01 | CHARLIE LAKE B3B |
| 0920 508803 2014-07-01 | CHARLIE LAKE C3C |
| 0920 508804 2017-07-01 | CHARLIE LAKE D3D |
| 0920 508805 2014-07-01 | CHARLIE LAKE E3E |
| 0920 508806 2017-11-01 | CHARLIE LAKE F3F |
| 0920 508808 2014-07-01 | CHARLIE LAKE H3H |
| 0920 508809 2017-11-01 | CHARLIE LAKE I3I |
| 0920 508810 2014-07-01 | CHARLIE LAKE J3J |
| 0920 508811 2018-07-01 | CHARLIE LAKE K3K |
| 0920 508812 2014-07-01 | CHARLIE LAKE L3L |
| 0920 508813 2015-03-01 | CHARLIE LAKE M3M |
| 0920 508815 2015-12-01 | CHARLIE LAKE O3O |
| 0920 508816 2018-07-01 | CHARLIE LAKE P3P |
| 0920 508817 2017-07-01 | CHARLIE LAKE Q3Q |
| 0920 508818 2017-09-01 | CHARLIE LAKE R3R |
| 0920 508819 2017-11-01 | CHARLIE LAKE S3S |
| 0920 508820 2018-06-01 | CHARLIE LAKE T3T |
| 0920 508821 2018-01-01 | CHARLIE LAKE U3U |
| 0920 508822 2017-07-01 | CHARLIE LAKE V3V |
| 0920 508823 2017-07-01 | CHARLIE LAKE W3W |
| 0920 508824 2017-09-01 | CHARLIE LAKE X3X |
| 0920 508825 2017-11-01 | CHARLIE LAKE Y3Y |
| 0920 508826 2018-02-01 | CHARLIE LAKE Z3Z |
| 0920 508827 2018-05-01 | CHARLIE LAKE A4A |
| 0920 510001 2013-03-01 | BOUNDARY A |
| 0920 510002 2010-04-01 | BOUNDARY B |
| 0920 510004 2001-02-01 | BOUNDARY D |
| 0920 510006 2001-02-01 | BOUNDARY F |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|-------------|
| 0920 510008 | 2001-02-01 | BOUNDARY H |
| 0920 510009 | 2012-03-01 | BOUNDARY I |
| 0920 510010 | 2001-02-01 | BOUNDARY J |
| 0920 510011 | 2001-02-01 | BOUNDARY K |
| 0920 510012 | 2010-04-01 | BOUNDARY L |
| 0920 510013 | 2001-02-01 | BOUNDARY M |
| 0920 510015 | 2003-04-01 | BOUNDARY O |
| 0920 510016 | 2001-02-01 | BOUNDARY P |
| 0920 510017 | 2001-10-01 | BOUNDARY Q |
| 0920 510018 | 2001-02-01 | BOUNDARY R |
| 0920 510019 | 2001-02-01 | BOUNDARY S |
| 0920 510020 | 2002-08-01 | BOUNDARY T |
| 0920 510021 | 2003-01-01 | BOUNDARY U |
| 0920 510022 | 2004-09-01 | BOUNDARY V |
| 0920 510024 | 2004-10-01 | BOUNDARY X |
| 0920 510025 | 2004-10-01 | BOUNDARY Y |
| 0920 510026 | 2016-02-01 | BOUNDARY Z |
| 0920 510027 | 2007-05-01 | BOUNDARY AA |
| 0920 510028 | 2008-05-01 | BOUNDARY BB |
| 0920 510029 | 2010-09-01 | BOUNDARY CC |
| 0920 510030 | 2009-11-01 | BOUNDARY DD |
| 0920 510033 | 2015-09-01 | BOUNDARY GG |

| | | |
|-------------|------------|-----------|
| 0920 516003 | 2010-04-01 | HALFWAY C |
| 0920 516005 | 2001-02-01 | HALFWAY E |
| 0920 516006 | 2001-02-01 | HALFWAY F |
| 0920 516008 | 2001-02-01 | HALFWAY H |
| 0920 516010 | 2018-04-01 | HALFWAY J |
| 0920 516011 | 2001-02-01 | HALFWAY K |
| 0920 516012 | 2001-02-01 | HALFWAY L |
| 0920 516013 | 2001-02-01 | HALFWAY M |
| 0920 516015 | 2001-02-01 | HALFWAY O |
| 0920 516016 | 2001-02-01 | HALFWAY P |
| 0920 516017 | 2001-02-01 | HALFWAY Q |
| 0920 516018 | 2010-04-01 | HALFWAY R |
| 0920 516019 | 2001-03-01 | HALFWAY S |
| 0920 516020 | 2002-02-01 | HALFWAY T |
| 0920 516022 | 2003-05-01 | HALFWAY V |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|-------------|
| 0920 516023 | 2003-06-01 | HALFWAY W |
| 0920 516024 | 2009-02-01 | HALFWAY X |
| 0920 516025 | 2003-10-01 | HALFWAY Y |
| 0920 516026 | 2010-07-01 | HALFWAY Z |
| 0920 516028 | 2005-02-01 | HALFWAY BB |
| 0920 516029 | 2005-02-01 | HALFWAY CC |
| 0920 516030 | 2005-09-01 | HALFWAY DD |
| 0920 516031 | 2006-09-01 | HALFWAY EE |
| 0920 516032 | 2006-09-01 | HALFWAY FF |
| 0920 516033 | 2010-04-01 | HALFWAY GG |
| 0920 516034 | 2010-04-01 | HALFWAY HH |
| 0920 516035 | 2007-02-01 | HALFWAY II |
| 0920 516036 | 2007-03-01 | HALFWAY JJ |
| 0920 516037 | 2007-06-01 | HALFWAY KK |
| 0920 516038 | 2007-08-01 | HALFWAY LL |
| 0920 516040 | 2007-12-01 | HALFWAY NN |
| 0920 516041 | 2007-12-01 | HALFWAY OO |
| 0920 516042 | 2007-12-01 | HALFWAY PP |
| 0920 516043 | 2007-12-01 | HALFWAY QQ |
| 0920 516044 | 2009-02-01 | HALFWAY RR |
| 0920 516045 | 2009-08-01 | HALFWAY SS |
| 0920 516046 | 2013-07-01 | HALFWAY TT |
| 0920 516047 | 2014-07-01 | HALFWAY UU |
| 0920 516048 | 2014-07-01 | HALFWAY VV |
| 0920 516049 | 2014-07-01 | HALFWAY WW |
| 0920 516050 | 2014-07-01 | HALFWAY XX |
| 0920 516051 | 2014-07-01 | HALFWAY YY |
| 0920 516052 | 2014-07-01 | HALFWAY ZZ |
| 0920 516201 | 2014-07-01 | HALFWAY AAA |
| 0920 520002 | 2013-01-01 | DOIG B |
| 0920 520004 | 2012-04-01 | DOIG D |
| 0920 520006 | 2018-02-01 | DOIG F |
| 0920 520007 | 2001-02-01 | DOIG G |
| 0920 520017 | 2003-06-01 | DOIG Q |
| 0920 520018 | 2008-12-01 | DOIG R |
| 0920 520019 | 2010-04-01 | DOIG S |
| 0920 520020 | 2010-04-01 | DOIG T |

POOL DESIGNATION (cont'd)

| | |
|------------------------|------------|
| 0920 520021 2007-10-01 | DOIG U |
| 0920 520022 2017-06-01 | DOIG V |
| 0920 520023 2007-12-01 | DOIG W |
| 0920 520024 2007-12-01 | DOIG X |
| 0920 520025 2010-04-01 | DOIG Y |
| 0920 520026 2009-08-01 | DOIG Z |
| 0920 520029 2013-07-01 | DOIG CC |
| 0920 520031 2014-07-01 | DOIG EE |
| 0920 520033 2014-07-01 | DOIG GG |
| 0920 520035 2014-07-01 | DOIG II |
| 0920 520036 2016-09-01 | DOIG JJ |
| 0920 520037 2014-07-01 | DOIG KK |
| 0920 520038 2014-07-01 | DOIG LL |
| 0920 520039 2014-07-01 | DOIG MM |
| 0920 520040 2014-07-01 | DOIG NN |
| | |
| 0920 524001 2010-04-01 | MONTNEY A |
| 0920 524002 2011-06-01 | MONTNEY B |
| 0920 524003 2013-09-01 | MONTNEY C |
| 0920 524006 2001-02-01 | MONTNEY F |
| 0920 524007 2010-04-01 | MONTNEY G |
| 0920 524008 2010-04-01 | MONTNEY H |
| 0920 524009 2003-03-01 | MONTNEY I |
| 0920 524012 2011-05-01 | MONTNEY L |
| 0920 524014 2006-11-01 | MONTNEY N |
| 0920 524015 2001-02-01 | MONTNEY O |
| 0920 524016 2001-02-01 | MONTNEY P |
| 0920 524018 2003-12-01 | MONTNEY R |
| 0920 524020 2010-04-01 | MONTNEY T |
| 0920 524021 2001-02-01 | MONTNEY U |
| 0920 524022 2001-02-01 | MONTNEY V |
| 0920 524023 2001-02-01 | MONTNEY W |
| 0920 524024 2007-07-01 | MONTNEY X |
| 0920 524026 2001-02-01 | MONTNEY Z |
| 0920 524027 2001-02-01 | MONTNEY AA |
| 0920 524029 2001-02-01 | MONTNEY CC |
| 0920 524030 2014-03-01 | MONTNEY DD |
| 0920 524031 2001-02-01 | MONTNEY EE |

POOL DESIGNATION (cont'd)

| | |
|------------------------|-------------|
| 0920 524033 2001-02-01 | MONTNEY GG |
| 0920 524034 2010-04-01 | MONTNEY HH |
| 0920 524035 2010-04-01 | MONTNEY II |
| 0920 524036 2010-04-01 | MONTNEY JJ |
| 0920 524037 2008-05-01 | MONTNEY KK |
| 0920 524038 2001-09-01 | MONTNEY LL |
| 0920 524039 2002-02-01 | MONTNEY MM |
| 0920 524040 2002-05-01 | MONTNEY NN |
| 0920 524043 2002-05-01 | MONTNEY QQ |
| 0920 524045 2002-12-01 | MONTNEY SS |
| 0920 524049 2004-02-01 | MONTNEY WW |
| 0920 524050 2003-06-01 | MONTNEY XX |
| 0920 524301 2010-07-01 | MONTNEY AAA |
| 0920 524302 2003-11-01 | MONTNEY BBB |
| 0920 524303 2011-03-01 | MONTNEY CCC |
| 0920 524304 2004-12-01 | MONTNEY DDD |
| 0920 524306 2011-04-01 | MONTNEY FFF |
| 0920 524307 2005-02-01 | MONTNEY GGG |
| 0920 524308 2005-02-01 | MONTNEY HHH |
| 0920 524309 2005-09-01 | MONTNEY III |
| 0920 524310 2010-04-01 | MONTNEY JJJ |
| 0920 524311 2005-08-01 | MONTNEY KKK |
| 0920 524312 2013-04-01 | MONTNEY LLL |
| 0920 524313 2006-01-01 | MONTNEY MMM |
| 0920 524314 2006-09-01 | MONTNEY NNN |
| 0920 524315 2006-03-01 | MONTNEY OOO |
| 0920 524316 2006-04-01 | MONTNEY PPP |
| 0920 524317 2006-09-01 | MONTNEY QQQ |
| 0920 524318 2006-11-01 | MONTNEY RRR |
| 0920 524319 2006-07-01 | MONTNEY SSS |
| 0920 524320 2006-08-01 | MONTNEY TTT |
| 0920 524321 2007-02-01 | MONTNEY UUU |
| 0920 524322 2007-02-01 | MONTNEY VVV |
| 0920 524323 2007-05-01 | MONTNEY WWW |
| 0920 524324 2010-04-01 | MONTNEY XXX |
| 0920 524326 2007-12-01 | MONTNEY ZZZ |
| 0920 524327 2007-12-01 | MONTNEY A2A |
| 0920 524328 2007-12-01 | MONTNEY B2B |

POOL DESIGNATION (cont'd)

| | |
|------------------------|-------------|
| 0920 524329 2007-12-01 | MONTNEY C2C |
| 0920 524330 2007-12-01 | MONTNEY D2D |
| 0920 524331 2008-04-01 | MONTNEY E2E |
| 0920 524332 2008-04-01 | MONTNEY F2F |
| 0920 524333 2008-11-01 | MONTNEY G2G |
| 0920 524334 2008-05-01 | MONTNEY H2H |
| 0920 524335 2008-06-01 | MONTNEY I2I |
| 0920 524336 2008-06-01 | MONTNEY J2J |
| 0920 524338 2010-04-01 | MONTNEY L2L |
| 0920 524339 2009-02-01 | MONTNEY M2M |
| 0920 524340 2008-11-01 | MONTNEY N2N |
| 0920 524341 2008-11-01 | MONTNEY O2O |
| 0920 524342 2009-01-01 | MONTNEY P2P |
| 0920 524343 2009-03-01 | MONTNEY Q2Q |
| 0920 524344 2009-11-01 | MONTNEY R2R |
| 0920 524345 2010-10-01 | MONTNEY S2S |
| 0920 524346 2011-03-01 | MONTNEY T2T |
| 0920 524347 2018-05-01 | MONTNEY U2U |
| 0920 524348 2011-03-01 | MONTNEY V2V |
| 0920 524349 2017-08-01 | MONTNEY W2W |
| 0920 524350 2012-02-01 | MONTNEY X2X |
| 0920 524351 2012-05-01 | MONTNEY Y2Y |
| 0920 524352 2012-06-01 | MONTNEY Z2Z |
| 0920 524401 2017-11-01 | MONTNEY A3A |
| 0920 524402 2015-04-01 | MONTNEY B3B |
| 0920 524403 2015-04-01 | MONTNEY C3C |
| 0920 524404 2013-11-01 | MONTNEY D3D |
| 0920 524405 2014-07-01 | MONTNEY E3E |
| 0920 524406 2014-07-01 | MONTNEY F3F |
| 0920 524407 2014-07-01 | MONTNEY G3G |
| 0920 524408 2015-02-01 | MONTNEY H3H |
| 0920 524409 2017-09-01 | MONTNEY I3I |
| 0920 524410 2017-12-01 | MONTNEY J3J |
| 0920 524411 2018-02-01 | MONTNEY K3K |
| 0920 524412 2018-04-01 | MONTNEY L3L |
| 0920 524413 2018-04-01 | MONTNEY M3M |
| 0920 524414 2018-04-01 | MONTNEY N3N |
| 0920 524415 2018-04-01 | MONTNEY O3O |

POOL DESIGNATION (cont'd)

| | |
|------------------------|----------------|
| 0920 524416 2018-05-01 | MONTNEY P3P |
| 0920 524417 2018-06-01 | MONTNEY Q3Q |
| 0920 524418 2018-06-01 | MONTNEY R3R |
| 0920 556001 2001-02-01 | BELLOY A |
| 0920 556002 2003-10-01 | BELLOY B |
| 0920 556003 2006-07-01 | BELLOY C |
| 0920 556004 2007-02-01 | BELLOY D |
| 0920 556005 2007-12-01 | BELLOY E |
| 0920 556006 2014-07-01 | BELLOY F |
| 0920 606001 2001-02-01 | KISKATINAW A |
| 0920 606002 2001-02-01 | KISKATINAW B |
| 0920 606003 2002-11-01 | KISKATINAW C |
| 0920 606004 2004-05-01 | KISKATINAW D |
| 0920 606005 2005-05-01 | KISKATINAW E |
| 0920 606006 2005-05-01 | KISKATINAW F |
| 0920 606007 2007-12-01 | KISKATINAW G |
| 0920 606008 2007-12-01 | KISKATINAW H |
| 0920 606009 2008-12-01 | KISKATINAW I |
| 0920 606010 2008-12-01 | KISKATINAW J |
| 0920 606011 2014-07-01 | KISKATINAW K |
| 0920 606012 2014-07-01 | KISKATINAW L |
| 0920 606013 2014-07-01 | KISKATINAW M |
| 0920 606014 2014-07-01 | KISKATINAW N |
| 0920 606015 2014-07-01 | KISKATINAW O |
| 0920 606016 2014-07-01 | KISKATINAW P |
| 0920 606017 2014-07-01 | KISKATINAW Q |
| 0920 606018 2014-07-01 | KISKATINAW R |
| 0920 606019 2014-07-01 | KISKATINAW S |
| 0920 612001 2002-05-01 | DEBOLT A |
| 0920 658001 2004-06-01 | WABAMUN A |
| 0920 658002 2007-12-01 | WABAMUN B |
| 0920 797501 2011-12-01 | GRANITE WASH A |
| 0920 797502 2008-06-01 | GRANITE WASH B |

POOL DESIGNATION (cont'd)

| | |
|------------------------|-----------------|
| 0920 797503 2013-11-01 | GRANITE WASH C |
| 0920 797504 2014-05-01 | GRANITE WASH D |
| 0920 852400 2010-04-01 | MFP8524 HALFWAY |
| 0920 853000 2016-11-01 | MFP8530 HALFWAY |

SPACING PATTERN

| | |
|----------|-------------|
| SU 4198 | 25 Jun 2004 |
| SU 4198A | 21 Jul 2004 |
| SU 4198B | 23 Aug 2004 |
| SU 4198C | 10 Feb 2005 |
| SU 4198D | 31 May 2005 |
| SU 4198E | 30 Aug 2005 |
| SU 4198F | 7 Dec 2005 |
| SU 4198G | 28 Nov 2006 |
| SU 4198H | 19 Jan 2007 |
| SU 4198I | 13 Mar 2007 |
| SU 4198J | 23 Apr 2007 |
| SU 4198K | 26 Sep 2007 |

MISCELLANEOUS ORDERS

MISC 2006-70D 29 Jan 2018
 Gas production
 Halfway s
 ConocoPhillips Canada Resources Corp.

COMMINGLED PRODUCTION

MU 8675 14 Aug 2014

GAS CYCLING

App 10633C 11 Oct 2017
 MFP8524 Halfway
 Gas cycling
 Cenovus Energy Inc.

ENHANCED RECOVERY SCHEMES

App 12262B 20 Jan 2017
 By water injection
 Doe Creek F
 Grizzly Resources Ltd.

App 6198K 1 Feb 2018
 Waterflood
 Charlie Lake K and Halfway F
 Rising Star Resources Ltd.

App 5686H 14 Apr 2015
 Waterflood
 Doe Creek I
 Canadian Natural Resources Limited

App 7545F 13 Mar 2018
 Waterflood
 Boundary M
 Longshore Resources Ltd.

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

App 7662C 25 Apr 2014
Waterflood
Doe Creek Y
Canadian Natural Resources Limited

App 8238H 12 Dec 2016
Waterflood
Doe Creek I
Canadian Natural Resources Limited

App 8454L 24 Jan 2017
Waterflood
Doe Creek I
Canadian Natural Resources Limited

App 9038D 1 May 2018
Waterflood
Doe Creek I
Tidewater Midstream and Infrastructure Ltd.

App 10018K 9 Feb 2017
Waterflood
Doe Creek T, U and BB
Surge Energy Inc.

App 10130I 1 May 2018
Waterflood
Doe Creek I
Tidewater Midstream and Infrastructure Ltd.

App 10455D 17 Oct 2016
Waterflood
Doe Creek I
Canadian Natural Resources Limited

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

App 10728C 6 Aug 2015
Waterflood
Montney B
ARC Resources Ltd.

App 11467E 10 Apr 2015
Waterflood
Doe Creek M
Toro Oil & Gas Ltd.

App 7656F 17 Apr 2014
Waterflood
Doe Creek V
Canadian Natural Resources Limited

App 12373B 4 Apr 2017
Waterflood
Montney C
Whitecap Resources Inc.

App 12405A 10 Nov 2015
Waterflood
Charlie Lake I3I and UUU
Kelt Exploration Ltd.

App 12729 17 May 2018
Waterflood
Halfway C
Tidewater Midstream and Infrastructure Ltd.

**ENHANCED RECOVERY SCHEMES &
CONCURRENT PRODUCTION**

App 12175B 19 Feb 2016
Waterflood
Doe Creek K
Whitecap Resources Inc.

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

App 7656A 26 Oct 2000

App 7656B 26 May 2003

App 7656C 11 Aug 2003

App 7656D 18 Nov 2003

App 7656E 15 Jan 2004
By water injection
Doe Creek V
Devon Canada Corporation

CONCURRENT PRODUCTION

MISC 92162 5 Aug 1992
Halfway C

App 6194 16 Apr 1990
App 6194A 18 Aug 1993
Boundary H
Anderson Oil & Gas Inc.

SUBSURFACE DISPOSAL SCHEMES

App 11705D 15 Jan 2014
Class II
Capiro Exploration Ltd.

App 12092I 31 May 2018
Class II
Exshaw Oil Corp.

App 12111A 15 Apr 2015
Class III Acid Gas
Taqa North Ltd.

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

App 12237A 3 Mar 2015
Class II
Kelt Exploration Ltd.

App 12235C 15 Jan 2016
Class III Acid Gas
Exshaw Oil Corp.

App 12492C 30 Apr 2018
Class II & Ib
Insignia Energy Ltd.

App 12548B 22 Feb 2018
Class II
Tourmaline Oil Corp.

App 12554A 16 Jan 2017
Class II & Ib
Kelt Exploration Ltd.

App 12600A 21 Aug 2017
Class II
Canadian Natural Resources Limited

App 12672 6 Dec 2017
Class II & Ib
Gibson Energy ULC

COMPULSORY POOLING

P 312 31 Jan 2007
Gas
11-076-09W6M
Bonavista Petroleum

COMPULSORY POOLING (cont'd)

P 356 29 Apr 2008

Gas

36-075-10W6M

Bonavista Petroleum Ltd.

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SPACING PATTERN

SU 2530 23 Jan 1996

FIELD DESIGNATION

0975 2014-04-01 VAUXHALL FIELD

POOL DESIGNATION

0975 213001 2014-01-01 BOW ISLAND A
0975 213002 2001-02-01 BOW ISLAND B
0975 213003 2001-02-01 BOW ISLAND C
0975 213004 2001-06-01 BOW ISLAND D
0975 213005 2014-01-01 BOW ISLAND E

0975 250001 2010-12-01 UPPER MANNVILLE A
0975 250002 2008-09-01 UPPER MANNVILLE B
0975 250003 2001-02-01 UPPER MANNVILLE C
0975 250005 2001-02-01 UPPER MANNVILLE E
0975 250006 2001-02-01 UPPER MANNVILLE F
0975 250007 2001-02-01 UPPER MANNVILLE G
0975 250008 2001-02-01 UPPER MANNVILLE H
0975 250009 2001-02-01 UPPER MANNVILLE I
0975 250010 2001-02-01 UPPER MANNVILLE J
0975 250011 2001-02-01 UPPER MANNVILLE K
0975 250012 2001-02-01 UPPER MANNVILLE L
0975 250013 2004-02-01 UPPER MANNVILLE M
0975 250014 2005-05-01 UPPER MANNVILLE N
0975 250016 2006-06-01 UPPER MANNVILLE P
0975 250017 2006-09-01 UPPER MANNVILLE Q
0975 250018 2006-09-01 UPPER MANNVILLE R
0975 250019 2008-05-01 UPPER MANNVILLE S
0975 250020 2008-12-01 UPPER MANNVILLE T
0975 250021 2009-04-01 UPPER MANNVILLE U
0975 250022 2009-08-01 UPPER MANNVILLE V
0975 250023 2013-09-01 UPPER MANNVILLE W
0975 250024 2014-01-01 UPPER MANNVILLE X
0975 250025 2014-01-01 UPPER MANNVILLE Y
0975 250026 2014-01-01 UPPER MANNVILLE Z
0975 250027 2014-01-01 UPPER MANNVILLE AA
0975 250028 2014-01-01 UPPER MANNVILLE BB

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|-------------------|
| 0975 310001 | 2001-02-01 | LOWER MANNVILLE A |
| 0975 310004 | 2001-02-01 | LOWER MANNVILLE D |
| 0975 310005 | 2001-03-01 | LOWER MANNVILLE E |
| 0975 853200 | 2014-04-01 | MFP8532 2WS |

SPACING PATTERN

| | |
|----------|-------------|
| SU 2772 | 11 Jun 1996 |
| SU 2772A | 5 Nov 1997 |
| SU 2772B | 30 Jul 2002 |
| SU 2772C | 29 Oct 2003 |
| SU 2772D | 15 Oct 2004 |
| SU 2772E | 28 Apr 2005 |

SUBSURFACE DISPOSAL SCHEMES

App 10075C 15 Aug 2016
Class II
SanLing Energy Ltd.

App 10231C 28 Jan 2014
Class II
Canadian Natural Resources Limited

FIELD DESIGNATION

0918 2010-02-01 VEGA FIELD

POOL DESIGNATION

0918 218001 2001-02-01 VIKING A
0918 218002 2001-02-01 VIKING B
0918 218003 2001-02-01 VIKING C
0918 218004 2006-11-01 VIKING D
0918 218005 2007-08-01 VIKING E
0918 218007 2009-10-01 VIKING G

0918 250002 2009-09-01 UPPER MANNVILLE B
0918 250003 2009-11-01 UPPER MANNVILLE C

0918 300001 2001-02-01 GLAUCONITIC A

0918 310001 2001-02-01 LOWER MANNVILLE A
0918 310002 2001-11-01 LOWER MANNVILLE B
0918 310003 2005-12-01 LOWER MANNVILLE C

SPACING PATTERN

SU 4365 20 Jun 2007
SU 4365A 17 Oct 2007

COMMINGLED PRODUCTION

MU 6167 14 Oct 2006

FIELD DESIGNATION

0977 2001-12-01 VENUS FIELD

POOL DESIGNATION

0977 612001 2010-04-01 DEBOLT A

0977 612002 2010-04-01 DEBOLT B

0977 772101 2008-06-01 KEG RIVER A

SPACING PATTERN

SU 2734 20 Mar 1996

SUBSURFACE DISPOSAL SCHEMES

App 10499B 12 Sep 2017

Class II

Obsidian Energy Ltd.

FIELD DESIGNATION

0919 2015-05-01 VERGER FIELD

POOL DESIGNATION

0919 126022 2008-05-01 BELLY RIVER V
0919 126023 2008-05-01 BELLY RIVER W
0919 126025 2010-07-01 BELLY RIVER Y
0919 126027 2014-03-01 BELLY RIVER AA

0919 142003 2018-04-01 PAKOWKI C
0919 142004 2010-07-01 PAKOWKI D
0919 142005 2010-11-01 PAKOWKI E
0919 142006 2010-11-01 PAKOWKI F

0919 160008 2010-04-01 COLORADO H
0919 160011 2006-02-01 COLORADO K
0919 160012 2006-02-01 COLORADO L
0919 160013 2006-10-01 COLORADO M
0919 160016 2010-05-01 COLORADO P
0919 160017 2010-08-01 COLORADO Q
0919 160018 2011-12-01 COLORADO R

0919 162025 2009-12-01 FIRST WHITE SPECKS Y

0919 202001 2010-05-01 FISH SCALE A
0919 202003 2010-03-01 FISH SCALE C
0919 202004 2010-05-01 FISH SCALE D

0919 213001 2003-03-01 BOW ISLAND A
0919 213002 2001-02-01 BOW ISLAND B
0919 213003 2001-02-01 BOW ISLAND C
0919 213004 2001-02-01 BOW ISLAND D
0919 213005 2001-02-01 BOW ISLAND E
0919 213013 2004-04-01 BOW ISLAND M
0919 213014 2003-11-01 BOW ISLAND N
0919 213015 2010-04-01 BOW ISLAND O

POOL DESIGNATION (cont'd)

| | |
|------------------------|------------------|
| 0919 213016 2010-04-01 | BOW ISLAND P |
| 0919 213017 2010-04-01 | BOW ISLAND Q |
| 0919 213019 2008-12-01 | BOW ISLAND S |
| 0919 213020 2008-12-01 | BOW ISLAND T |
| 0919 213021 2008-12-01 | BOW ISLAND U |
| 0919 213022 2010-04-01 | BOW ISLAND V |
| 0919 213023 2010-04-01 | BOW ISLAND W |
| 0919 213024 2010-04-01 | BOW ISLAND X |
| 0919 213025 2010-02-01 | BOW ISLAND Y |
| | |
| 0919 218001 2001-06-01 | VIKING A |
| 0919 218002 2013-05-01 | VIKING B |
| 0919 218003 2010-04-01 | VIKING C |
| 0919 218004 2005-05-01 | VIKING D |
| | |
| 0919 242001 2010-04-01 | BASAL COLORADO A |
| 0919 242004 2001-02-01 | BASAL COLORADO D |
| 0919 242006 2002-04-01 | BASAL COLORADO F |
| 0919 242007 2001-02-01 | BASAL COLORADO G |
| 0919 242008 2001-02-01 | BASAL COLORADO H |
| 0919 242009 2002-03-01 | BASAL COLORADO I |
| 0919 242010 2010-04-01 | BASAL COLORADO J |
| 0919 242011 2004-07-01 | BASAL COLORADO K |
| 0919 242012 2010-01-01 | BASAL COLORADO L |
| | |
| 0919 248001 2010-04-01 | MANNVILLE A |
| 0919 248003 2001-02-01 | MANNVILLE C |
| 0919 248004 2010-04-01 | MANNVILLE D |
| 0919 248005 2001-02-01 | MANNVILLE E |
| 0919 248006 2001-02-01 | MANNVILLE F |
| 0919 248007 2006-06-01 | MANNVILLE G |
| 0919 248008 2001-02-01 | MANNVILLE H |
| 0919 248010 2001-03-01 | MANNVILLE J |
| 0919 248011 2001-02-01 | MANNVILLE K |
| 0919 248012 2001-02-01 | MANNVILLE L |
| 0919 248013 2006-05-01 | MANNVILLE M |
| 0919 248015 2004-03-01 | MANNVILLE O |
| 0919 248016 2003-01-01 | MANNVILLE P |

POOL DESIGNATION (cont'd)

| | |
|------------------------|--------------------|
| 0919 248018 2003-03-01 | MANNVILLE R |
| 0919 248019 2010-04-01 | MANNVILLE S |
| 0919 248020 2004-07-01 | MANNVILLE T |
| 0919 248021 2005-05-01 | MANNVILLE U |
| | |
| 0919 250001 2001-02-01 | UPPER MANNVILLE A |
| 0919 250002 2001-02-01 | UPPER MANNVILLE B |
| 0919 250003 2006-06-01 | UPPER MANNVILLE C |
| 0919 250004 2001-02-01 | UPPER MANNVILLE D |
| 0919 250005 2001-02-01 | UPPER MANNVILLE E |
| 0919 250006 2001-02-01 | UPPER MANNVILLE F |
| 0919 250007 2010-04-01 | UPPER MANNVILLE G |
| 0919 250008 2010-04-01 | UPPER MANNVILLE H |
| 0919 250009 2001-02-01 | UPPER MANNVILLE I |
| 0919 250010 2001-02-01 | UPPER MANNVILLE J |
| 0919 250012 2001-02-01 | UPPER MANNVILLE L |
| 0919 250014 2001-02-01 | UPPER MANNVILLE N |
| 0919 250015 2001-02-01 | UPPER MANNVILLE O |
| 0919 250016 2001-02-01 | UPPER MANNVILLE P |
| 0919 250017 2001-02-01 | UPPER MANNVILLE Q |
| 0919 250018 2001-02-01 | UPPER MANNVILLE R |
| 0919 250020 2001-03-01 | UPPER MANNVILLE T |
| 0919 250021 2002-01-01 | UPPER MANNVILLE U |
| 0919 250022 2002-01-01 | UPPER MANNVILLE V |
| 0919 250024 2010-04-01 | UPPER MANNVILLE X |
| 0919 250025 2010-04-01 | UPPER MANNVILLE Y |
| 0919 250026 2010-04-01 | UPPER MANNVILLE Z |
| 0919 250027 2010-04-01 | UPPER MANNVILLE AA |
| 0919 250028 2003-06-01 | UPPER MANNVILLE BB |
| 0919 250029 2003-06-01 | UPPER MANNVILLE CC |
| 0919 250030 2010-04-01 | UPPER MANNVILLE DD |
| 0919 250031 2003-09-01 | UPPER MANNVILLE EE |
| 0919 250032 2003-12-01 | UPPER MANNVILLE FF |
| 0919 250033 2004-03-01 | UPPER MANNVILLE GG |
| 0919 250034 2010-04-01 | UPPER MANNVILLE HH |
| 0919 250035 2010-04-01 | UPPER MANNVILLE II |
| 0919 250037 2010-04-01 | UPPER MANNVILLE KK |
| 0919 250038 2010-04-01 | UPPER MANNVILLE LL |

POOL DESIGNATION (cont'd)

| | |
|------------------------|---------------------|
| 0919 250039 2005-05-01 | UPPER MANNVILLE MM |
| 0919 250040 2005-05-01 | UPPER MANNVILLE NN |
| 0919 250041 2010-04-01 | UPPER MANNVILLE OO |
| 0919 250042 2010-04-01 | UPPER MANNVILLE PP |
| 0919 250046 2010-04-01 | UPPER MANNVILLE TT |
| 0919 250047 2006-10-01 | UPPER MANNVILLE UU |
| 0919 250048 2007-11-01 | UPPER MANNVILLE VV |
| 0919 250049 2007-11-01 | UPPER MANNVILLE WW |
| 0919 250050 2007-12-01 | UPPER MANNVILLE XX |
| 0919 250051 2008-05-01 | UPPER MANNVILLE YY |
| 0919 250052 2007-12-01 | UPPER MANNVILLE ZZ |
| 0919 250701 2008-01-01 | UPPER MANNVILLE AAA |
| 0919 250702 2008-01-01 | UPPER MANNVILLE BBB |
| 0919 250704 2010-04-01 | UPPER MANNVILLE DDD |
| 0919 250706 2008-07-01 | UPPER MANNVILLE FFF |
| 0919 250708 2008-10-01 | UPPER MANNVILLE HHH |
| 0919 250709 2009-02-01 | UPPER MANNVILLE III |
| 0919 250710 2009-02-01 | UPPER MANNVILLE JJJ |
| 0919 250712 2010-04-01 | UPPER MANNVILLE LLL |
| 0919 250713 2009-05-01 | UPPER MANNVILLE MMM |
| 0919 250717 2009-08-01 | UPPER MANNVILLE QQQ |
| 0919 250718 2009-08-01 | UPPER MANNVILLE RRR |
| 0919 250719 2009-11-01 | UPPER MANNVILLE SSS |
| 0919 250720 2009-11-01 | UPPER MANNVILLE TTT |
| 0919 250721 2009-11-01 | UPPER MANNVILLE UUU |
| 0919 250722 2009-11-01 | UPPER MANNVILLE VVV |
| 0919 250723 2009-11-01 | UPPER MANNVILLE WWW |
| 0919 250724 2010-02-01 | UPPER MANNVILLE XXX |
| 0919 250725 2010-03-01 | UPPER MANNVILLE YYY |
| 0919 250726 2010-03-01 | UPPER MANNVILLE ZZZ |
| 0919 250727 2010-03-01 | UPPER MANNVILLE A2A |
| 0919 250728 2010-04-01 | UPPER MANNVILLE B2B |
| 0919 250729 2010-05-01 | UPPER MANNVILLE C2C |
| 0919 250730 2010-06-01 | UPPER MANNVILLE D2D |
| 0919 250731 2010-06-01 | UPPER MANNVILLE E2E |
| 0919 250732 2010-12-01 | UPPER MANNVILLE F2F |
| 0919 250733 2011-08-01 | UPPER MANNVILLE G2G |
| 0919 250734 2011-08-01 | UPPER MANNVILLE H2H |

POOL DESIGNATION (cont'd)

| | |
|------------------------|---------------------|
| 0919 250735 2011-08-01 | UPPER MANNVILLE I2I |
| 0919 250736 2011-09-01 | UPPER MANNVILLE J2J |
| 0919 250737 2011-09-01 | UPPER MANNVILLE K2K |
| 0919 250738 2011-09-01 | UPPER MANNVILLE L2L |
| 0919 250739 2011-09-01 | UPPER MANNVILLE M2M |
| 0919 250740 2011-10-01 | UPPER MANNVILLE N2N |
| 0919 250741 2011-12-01 | UPPER MANNVILLE O2O |
| 0919 250742 2011-12-01 | UPPER MANNVILLE P2P |
| 0919 250743 2011-12-01 | UPPER MANNVILLE Q2Q |
| 0919 250744 2011-12-01 | UPPER MANNVILLE R2R |
| 0919 250745 2011-12-01 | UPPER MANNVILLE S2S |
| 0919 250746 2012-01-01 | UPPER MANNVILLE T2T |
| 0919 250747 2012-01-01 | UPPER MANNVILLE U2U |
| 0919 250748 2012-01-01 | UPPER MANNVILLE V2V |
| 0919 250749 2012-01-01 | UPPER MANNVILLE W2W |
| 0919 250750 2012-01-01 | UPPER MANNVILLE X2X |
| 0919 250751 2013-04-01 | UPPER MANNVILLE Y2Y |
| 0919 250752 2013-07-01 | UPPER MANNVILLE Z2Z |
| 0919 251101 2013-09-01 | UPPER MANNVILLE A3A |
| 0919 251102 2013-09-01 | UPPER MANNVILLE B3B |
| 0919 251103 2015-04-01 | UPPER MANNVILLE C3C |
| 0919 251104 2013-09-01 | UPPER MANNVILLE D3D |
| 0919 316001 2010-04-01 | OSTRACOD A |
| 0919 320001 2008-11-01 | BASAL MANNVILLE A |
| 0919 320002 2010-04-01 | BASAL MANNVILLE B |
| 0919 336002 2006-05-01 | ELLERSLIE B |
| 0919 336003 2007-03-01 | ELLERSLIE C |
| 0919 336004 2007-11-01 | ELLERSLIE D |
| 0919 336005 2007-12-01 | ELLERSLIE E |
| 0919 336006 2010-04-01 | ELLERSLIE F |
| 0919 336007 2008-02-01 | ELLERSLIE G |
| 0919 336008 2008-08-01 | ELLERSLIE H |
| 0919 336009 2008-10-01 | ELLERSLIE I |
| 0919 336010 2008-10-01 | ELLERSLIE J |
| 0919 336011 2010-04-01 | ELLERSLIE K |

POOL DESIGNATION (cont'd)

| | |
|------------------------|-----------------------|
| 0919 336012 2010-01-01 | ELLERSLIE L |
| 0919 336013 2010-03-01 | ELLERSLIE M |
| 0919 336014 2010-06-01 | ELLERSLIE N |
| 0919 336015 2010-06-01 | ELLERSLIE O |
| 0919 336016 2010-06-01 | ELLERSLIE P |
| 0919 336017 2011-01-01 | ELLERSLIE Q |
| 0919 336018 2011-09-01 | ELLERSLIE R |
| 0919 336019 2011-12-01 | ELLERSLIE S |
| 0919 642001 2001-02-01 | PEKISKO A |
| 0919 642002 2001-02-01 | PEKISKO B |
| 0919 694001 2001-02-01 | ARCS A |
| 0919 850100 2015-05-01 | MFP8501 MILK RIVER |
| 0919 850200 2015-05-01 | MFP8502 MED HAT |
| 0919 850500 2015-05-01 | MFP8505 2WS |
| 0919 850600 2013-07-01 | MFP8506 BELLY RIVER |
| 0919 851300 2015-05-01 | MFP8513 BOW ISLAND |
| 0919 854300 2018-04-01 | MFP8543 BSL BELLY RIV |
| 0919 854400 2015-05-01 | MFP8544 1WS |
| 0919 854700 2011-02-01 | MFP8547 BSL BELLY RIV |
| 0919 855300 2011-02-01 | MFP8553 COLORADO |

SPACING PATTERN

SU 4236 20 Nov 2004
SU 4236A 21 Jan 2005
SU 4236B 10 Feb 2005
SU 4236C 12 Mar 2005
SU 4236D 5 Apr 2005
SU 4236E 6 Jul 2005
SU 4236F 21 Sep 2005
SU 4236G 31 Oct 2005
SU 4236H 27 Mar 2006
SU 4236I 19 Dec 2006

COMMINGLED PRODUCTION

MU 8737 2 Jun 2015

CONCURRENT PRODUCTION

App 1364 5 Nov 1970
Mannville D
Jorace Petroleum Ltd.

App 2330 2 Nov 1976

App 2330A 21 Feb 1978
Upper Mannville C
Shenandoah Oil Corporation

FIELD DESIGNATION

0921 2015-02-01 VERMILION FIELD

POOL DESIGNATION

0921 162001 2011-01-01 FIRST WHITE SPECKS A

0921 256001 2001-02-01 COLONY A

0921 256002 2001-02-01 COLONY B

0921 256003 2013-07-01 COLONY C

0921 256004 2001-02-01 COLONY D

0921 256005 2013-10-01 COLONY E

0921 256006 2012-06-01 COLONY F

0921 256007 2014-03-01 COLONY G

0921 256008 2014-03-01 COLONY H

0921 256009 2014-03-01 COLONY I

0921 256010 2014-11-01 COLONY J

0921 256011 2015-02-01 COLONY K

0921 268001 2013-07-01 MCLAREN A

0921 268002 2016-05-01 MCLAREN B

0921 268003 2014-03-01 MCLAREN C

0921 270001 2001-02-01 WASECA A

0921 270002 2001-02-01 WASECA B

0921 276001 2015-11-01 SPARKY A

0921 276003 2001-02-01 SPARKY C

0921 276004 2001-02-01 SPARKY D

0921 276005 2016-05-01 SPARKY E

0921 276006 2007-02-01 SPARKY F

0921 276007 2012-08-01 SPARKY G

0921 276010 2008-09-01 SPARKY J

0921 276012 2011-05-01 SPARKY L

0921 276013 2013-05-01 SPARKY M

0921 276014 2015-02-01 SPARKY N

0921 276015 2014-03-01 SPARKY O

POOL DESIGNATION (cont'd)

| | |
|------------------------|---------------------|
| 0921 276016 2014-03-01 | SPARKY P |
| 0921 276017 2014-04-01 | SPARKY Q |
| 0921 276018 2015-02-01 | SPARKY R |
| 0921 276019 2015-02-01 | SPARKY S |
| 0921 276020 2015-02-01 | SPARKY T |
| | |
| 0921 286001 2001-02-01 | GENERAL PETROLEUM A |
| 0921 286002 2013-07-01 | GENERAL PETROLEUM B |
| 0921 286003 2014-03-01 | GENERAL PETROLEUM C |
| | |
| 0921 288001 2001-02-01 | REX A |
| 0921 288002 2001-02-01 | REX B |
| 0921 288003 2014-03-01 | REX C |
| 0921 288004 2014-03-01 | REX D |
| | |
| 0921 294001 2001-02-01 | LLOYDMINSTER A |
| 0921 294002 2001-02-01 | LLOYDMINSTER B |
| 0921 294003 2004-03-01 | LLOYDMINSTER C |
| 0921 294004 2007-02-01 | LLOYDMINSTER D |
| 0921 294005 2010-04-01 | LLOYDMINSTER E |
| 0921 294006 2014-11-01 | LLOYDMINSTER F |
| 0921 294007 2014-03-01 | LLOYDMINSTER G |
| 0921 294008 2014-03-01 | LLOYDMINSTER H |
| | |
| 0921 302001 2001-02-01 | CUMMINGS A |
| 0921 302002 2005-03-01 | CUMMINGS B |
| 0921 302003 2008-03-01 | CUMMINGS C |
| | |
| 0921 322001 2001-02-01 | DINA A |
| 0921 322002 2014-02-01 | DINA B |
| 0921 322003 2008-10-01 | DINA C |
| 0921 322004 2014-06-01 | DINA D |
| 0921 322005 2012-03-01 | DINA E |
| 0921 322006 2012-11-01 | DINA F |

SPACING PATTERN

SU 2531 13 Feb 1996

SU 2531A 24 Apr 1997

COMMINGLED PRODUCTION

MU 8606 18 Mar 2014

ENHANCED RECOVERY SCHEMES

App 2767B 14 Jan 2015

Waterflood

Sparky A

Taku Gas Limited

SUBSURFACE DISPOSAL SCHEMES

App 3353A 31 Oct 2012

Class II

Taku Gas Limited

App 10733F 12 Jun 2014

Class II

Gear Energy Ltd.

FIELD DESIGNATION

0923 2014-03-01 VIKING-KINSELLA FIELD

POOL DESIGNATION

0923 126004 2006-02-01 BELLY RIVER D
0923 126005 2007-12-01 BELLY RIVER E
0923 126006 2009-02-01 BELLY RIVER F
0923 126007 2011-05-01 BELLY RIVER G

0923 134001 2011-04-01 BASAL BELLY RIVER A
0923 134002 2010-11-01 BASAL BELLY RIVER B

0923 160001 2014-12-01 COLORADO A
0923 160026 2012-12-01 COLORADO Z
0923 160028 2013-09-01 COLORADO BB
0923 160029 2017-04-01 COLORADO CC

0923 186001 2001-02-01 SECOND WHITE SPECKS A
0923 186002 2010-04-01 SECOND WHITE SPECKS B
0923 186003 2006-03-01 SECOND WHITE SPECKS C

0923 202001 2005-05-01 FISH SCALE A
0923 202002 2010-04-01 FISH SCALE B
0923 202003 2010-04-01 FISH SCALE C
0923 202004 2011-04-01 FISH SCALE D
0923 202005 2010-04-01 FISH SCALE E
0923 202006 2008-07-01 FISH SCALE F
0923 202007 2009-10-01 FISH SCALE G
0923 202008 2010-04-01 FISH SCALE H
0923 202009 2011-05-01 FISH SCALE I
0923 202010 2011-05-01 FISH SCALE J

0923 218003 2001-02-01 VIKING C
0923 218004 2001-02-01 VIKING D
0923 218005 2005-05-01 VIKING E
0923 218006 2010-04-01 VIKING F

POOL DESIGNATION (cont'd)

| | |
|------------------------|----------------------|
| 0923 218007 2007-12-01 | VIKING G |
| 0923 218008 2010-04-01 | VIKING H |
| 0923 218009 2010-09-01 | VIKING I |
| 0923 218010 2013-01-01 | VIKING J |
| 0923 218011 2013-03-01 | VIKING K |
| | |
| 0923 218602 2012-05-01 | UPPER & MIDDLE VIK B |
| | |
| 0923 250001 2001-02-01 | UPPER MANNVILLE A |
| 0923 250003 2001-02-01 | UPPER MANNVILLE C |
| 0923 250004 2001-02-01 | UPPER MANNVILLE D |
| 0923 250005 2003-02-01 | UPPER MANNVILLE E |
| 0923 250006 2001-12-01 | UPPER MANNVILLE F |
| 0923 250007 2003-02-01 | UPPER MANNVILLE G |
| 0923 250008 2001-02-01 | UPPER MANNVILLE H |
| 0923 250009 2001-02-01 | UPPER MANNVILLE I |
| 0923 250011 2001-02-01 | UPPER MANNVILLE K |
| 0923 250012 2017-09-01 | UPPER MANNVILLE L |
| 0923 250015 2010-04-01 | UPPER MANNVILLE O |
| 0923 250016 2001-02-01 | UPPER MANNVILLE P |
| 0923 250017 2001-02-01 | UPPER MANNVILLE Q |
| 0923 250020 2001-02-01 | UPPER MANNVILLE T |
| 0923 250021 2001-02-01 | UPPER MANNVILLE U |
| 0923 250023 2001-02-01 | UPPER MANNVILLE W |
| 0923 250024 2001-02-01 | UPPER MANNVILLE X |
| 0923 250026 2001-02-01 | UPPER MANNVILLE Z |
| 0923 250028 2001-02-01 | UPPER MANNVILLE BB |
| 0923 250030 2001-02-01 | UPPER MANNVILLE DD |
| 0923 250031 2001-02-01 | UPPER MANNVILLE EE |
| 0923 250032 2001-02-01 | UPPER MANNVILLE FF |
| 0923 250033 2001-02-01 | UPPER MANNVILLE GG |
| 0923 250035 2001-02-01 | UPPER MANNVILLE II |
| 0923 250036 2010-04-01 | UPPER MANNVILLE JJ |
| 0923 250037 2001-02-01 | UPPER MANNVILLE KK |
| 0923 250038 2010-04-01 | UPPER MANNVILLE LL |
| 0923 250039 2001-02-01 | UPPER MANNVILLE MM |
| 0923 250041 2001-02-01 | UPPER MANNVILLE OO |
| 0923 250042 2001-02-01 | UPPER MANNVILLE PP |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|---------------------|
| 0923 250043 | 2001-02-01 | UPPER MANNVILLE QQ |
| 0923 250046 | 2001-02-01 | UPPER MANNVILLE TT |
| 0923 250047 | 2010-04-01 | UPPER MANNVILLE UU |
| 0923 250048 | 2002-01-01 | UPPER MANNVILLE VV |
| 0923 250049 | 2005-07-01 | UPPER MANNVILLE WW |
| 0923 250050 | 2010-04-01 | UPPER MANNVILLE XX |
| 0923 250051 | 2011-05-01 | UPPER MANNVILLE YY |
| 0923 250702 | 2010-04-01 | UPPER MANNVILLE BBB |
| 0923 250703 | 2010-04-01 | UPPER MANNVILLE CCC |
| 0923 250704 | 2001-02-01 | UPPER MANNVILLE DDD |
| 0923 250705 | 2001-02-01 | UPPER MANNVILLE EEE |
| 0923 250706 | 2001-02-01 | UPPER MANNVILLE FFF |
| 0923 250708 | 2001-02-01 | UPPER MANNVILLE HHH |
| 0923 250709 | 2001-02-01 | UPPER MANNVILLE III |
| 0923 250711 | 2001-02-01 | UPPER MANNVILLE KKK |
| 0923 250712 | 2001-02-01 | UPPER MANNVILLE LLL |
| 0923 250713 | 2010-04-01 | UPPER MANNVILLE MMM |
| 0923 250714 | 2010-04-01 | UPPER MANNVILLE NNN |
| 0923 250715 | 2001-02-01 | UPPER MANNVILLE OOO |
| 0923 250716 | 2001-02-01 | UPPER MANNVILLE PPP |
| 0923 250717 | 2001-02-01 | UPPER MANNVILLE QQQ |
| 0923 250719 | 2001-02-01 | UPPER MANNVILLE SSS |
| 0923 250720 | 2001-02-01 | UPPER MANNVILLE TTT |
| 0923 250721 | 2001-02-01 | UPPER MANNVILLE UUU |
| 0923 250722 | 2010-10-01 | UPPER MANNVILLE VVV |
| 0923 250723 | 2001-02-01 | UPPER MANNVILLE WWW |
| 0923 250724 | 2001-02-01 | UPPER MANNVILLE XXX |
| 0923 250725 | 2016-04-01 | UPPER MANNVILLE YYY |
| 0923 250726 | 2005-07-01 | UPPER MANNVILLE ZZZ |
| 0923 250727 | 2001-02-01 | UPPER MANNVILLE A2A |
| 0923 250728 | 2010-04-01 | UPPER MANNVILLE B2B |
| 0923 250730 | 2001-02-01 | UPPER MANNVILLE D2D |
| 0923 250731 | 2001-02-01 | UPPER MANNVILLE E2E |
| 0923 250732 | 2001-02-01 | UPPER MANNVILLE F2F |
| 0923 250733 | 2001-02-01 | UPPER MANNVILLE G2G |
| 0923 250734 | 2010-04-01 | UPPER MANNVILLE H2H |
| 0923 250735 | 2001-02-01 | UPPER MANNVILLE I2I |
| 0923 250736 | 2001-02-01 | UPPER MANNVILLE J2J |

POOL DESIGNATION (cont'd)

| | |
|------------------------|---------------------|
| 0923 250737 2001-02-01 | UPPER MANNVILLE K2K |
| 0923 250738 2001-02-01 | UPPER MANNVILLE L2L |
| 0923 250739 2011-10-01 | UPPER MANNVILLE M2M |
| 0923 250740 2001-02-01 | UPPER MANNVILLE N2N |
| 0923 250741 2001-02-01 | UPPER MANNVILLE O2O |
| 0923 250742 2001-02-01 | UPPER MANNVILLE P2P |
| 0923 250743 2001-02-01 | UPPER MANNVILLE Q2Q |
| 0923 250744 2001-02-01 | UPPER MANNVILLE R2R |
| 0923 250745 2001-02-01 | UPPER MANNVILLE S2S |
| 0923 250746 2009-02-01 | UPPER MANNVILLE T2T |
| 0923 250747 2001-02-01 | UPPER MANNVILLE U2U |
| 0923 250748 2001-02-01 | UPPER MANNVILLE V2V |
| 0923 250749 2001-02-01 | UPPER MANNVILLE W2W |
| 0923 250750 2001-02-01 | UPPER MANNVILLE X2X |
| 0923 250751 2001-02-01 | UPPER MANNVILLE Y2Y |
| 0923 250752 2001-02-01 | UPPER MANNVILLE Z2Z |
| 0923 251102 2001-02-01 | UPPER MANNVILLE B3B |
| 0923 251103 2001-02-01 | UPPER MANNVILLE C3C |
| 0923 251104 2001-02-01 | UPPER MANNVILLE D3D |
| 0923 251106 2001-02-01 | UPPER MANNVILLE F3F |
| 0923 251108 2001-02-01 | UPPER MANNVILLE H3H |
| 0923 251109 2001-02-01 | UPPER MANNVILLE I3I |
| 0923 251110 2016-04-01 | UPPER MANNVILLE J3J |
| 0923 251111 2016-04-01 | UPPER MANNVILLE K3K |
| 0923 251112 2001-02-01 | UPPER MANNVILLE L3L |
| 0923 251113 2001-02-01 | UPPER MANNVILLE M3M |
| 0923 251114 2006-10-01 | UPPER MANNVILLE N3N |
| 0923 251115 2001-02-01 | UPPER MANNVILLE O3O |
| 0923 251116 2006-09-01 | UPPER MANNVILLE P3P |
| 0923 251117 2001-02-01 | UPPER MANNVILLE Q3Q |
| 0923 251118 2001-03-01 | UPPER MANNVILLE R3R |
| 0923 251119 2001-02-01 | UPPER MANNVILLE S3S |
| 0923 251120 2001-02-01 | UPPER MANNVILLE T3T |
| 0923 251121 2010-04-01 | UPPER MANNVILLE U3U |
| 0923 251122 2001-02-01 | UPPER MANNVILLE V3V |
| 0923 251124 2001-02-01 | UPPER MANNVILLE X3X |
| 0923 251125 2001-02-01 | UPPER MANNVILLE Y3Y |
| 0923 251126 2010-04-01 | UPPER MANNVILLE Z3Z |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|---------------------|
| 0923 251127 | 2001-02-01 | UPPER MANNVILLE A4A |
| 0923 251128 | 2010-10-01 | UPPER MANNVILLE B4B |
| 0923 251129 | 2001-02-01 | UPPER MANNVILLE C4C |
| 0923 251130 | 2001-02-01 | UPPER MANNVILLE D4D |
| 0923 251131 | 2001-02-01 | UPPER MANNVILLE E4E |
| 0923 251132 | 2001-02-01 | UPPER MANNVILLE F4F |
| 0923 251133 | 2011-05-01 | UPPER MANNVILLE G4G |
| 0923 251134 | 2010-04-01 | UPPER MANNVILLE H4H |
| 0923 251135 | 2001-02-01 | UPPER MANNVILLE I4I |
| 0923 251136 | 2001-03-01 | UPPER MANNVILLE J4J |
| 0923 251139 | 2001-08-01 | UPPER MANNVILLE M4M |
| 0923 251140 | 2001-03-01 | UPPER MANNVILLE N4N |
| 0923 251142 | 2001-10-01 | UPPER MANNVILLE P4P |
| 0923 251143 | 2011-05-01 | UPPER MANNVILLE Q4Q |
| 0923 251144 | 2001-11-01 | UPPER MANNVILLE R4R |
| 0923 251145 | 2001-11-01 | UPPER MANNVILLE S4S |
| 0923 251146 | 2001-12-01 | UPPER MANNVILLE T4T |
| 0923 251147 | 2010-01-01 | UPPER MANNVILLE U4U |
| 0923 251148 | 2002-01-01 | UPPER MANNVILLE V4V |
| 0923 251149 | 2013-04-01 | UPPER MANNVILLE W4W |
| 0923 251150 | 2002-01-01 | UPPER MANNVILLE X4X |
| 0923 251151 | 2002-06-01 | UPPER MANNVILLE Y4Y |
| 0923 251152 | 2002-06-01 | UPPER MANNVILLE Z4Z |
| 0923 251501 | 2002-12-01 | UPPER MANNVILLE A5A |
| 0923 251502 | 2002-09-01 | UPPER MANNVILLE B5B |
| 0923 251503 | 2013-04-01 | UPPER MANNVILLE C5C |
| 0923 251504 | 2003-02-01 | UPPER MANNVILLE D5D |
| 0923 251505 | 2003-02-01 | UPPER MANNVILLE E5E |
| 0923 251506 | 2003-02-01 | UPPER MANNVILLE F5F |
| 0923 251508 | 2005-06-01 | UPPER MANNVILLE H5H |
| 0923 251509 | 2003-06-01 | UPPER MANNVILLE I5I |
| 0923 251510 | 2004-03-01 | UPPER MANNVILLE J5J |
| 0923 251511 | 2014-04-01 | UPPER MANNVILLE K5K |
| 0923 251512 | 2005-02-01 | UPPER MANNVILLE L5L |
| 0923 251513 | 2015-12-01 | UPPER MANNVILLE M5M |
| 0923 251514 | 2006-04-01 | UPPER MANNVILLE N5N |
| 0923 251515 | 2006-09-01 | UPPER MANNVILLE O5O |
| 0923 251516 | 2006-09-01 | UPPER MANNVILLE P5P |

POOL DESIGNATION (cont'd)

| | |
|------------------------|---------------------|
| 0923 251518 2007-12-01 | UPPER MANNVILLE R5R |
| 0923 251519 2010-04-01 | UPPER MANNVILLE S5S |
| 0923 251520 2017-09-01 | UPPER MANNVILLE T5T |
| 0923 251521 2007-12-01 | UPPER MANNVILLE U5U |
| 0923 251522 2010-04-01 | UPPER MANNVILLE V5V |
| 0923 251523 2010-04-01 | UPPER MANNVILLE W5W |
| 0923 251524 2008-01-01 | UPPER MANNVILLE X5X |
| 0923 251525 2008-01-01 | UPPER MANNVILLE Y5Y |
| 0923 251526 2011-09-01 | UPPER MANNVILLE Z5Z |
| 0923 251527 2009-05-01 | UPPER MANNVILLE A6A |
| 0923 251528 2009-10-01 | UPPER MANNVILLE B6B |
| 0923 251529 2009-08-01 | UPPER MANNVILLE C6C |
| 0923 251530 2010-04-01 | UPPER MANNVILLE D6D |
| 0923 251531 2010-10-01 | UPPER MANNVILLE E6E |
| 0923 251532 2010-12-01 | UPPER MANNVILLE F6F |
| 0923 251533 2011-04-01 | UPPER MANNVILLE G6G |
| 0923 251534 2011-04-01 | UPPER MANNVILLE H6H |
| 0923 251535 2011-06-01 | UPPER MANNVILLE I6I |
| 0923 251536 2011-06-01 | UPPER MANNVILLE J6J |
| 0923 251537 2011-06-01 | UPPER MANNVILLE K6K |
| 0923 251538 2011-06-01 | UPPER MANNVILLE L6L |
| 0923 251539 2011-06-01 | UPPER MANNVILLE M6M |
| 0923 251540 2011-08-01 | UPPER MANNVILLE N6N |
| 0923 251541 2011-08-01 | UPPER MANNVILLE O6O |
| 0923 251542 2013-11-01 | UPPER MANNVILLE P6P |
| 0923 251543 2011-12-01 | UPPER MANNVILLE Q6Q |
| 0923 251544 2012-06-01 | UPPER MANNVILLE R6R |
| 0923 251545 2012-06-01 | UPPER MANNVILLE S6S |
| 0923 251546 2012-06-01 | UPPER MANNVILLE T6T |
| 0923 251547 2012-06-01 | UPPER MANNVILLE U6U |
| 0923 251548 2012-06-01 | UPPER MANNVILLE V6V |
| 0923 251549 2012-11-01 | UPPER MANNVILLE W6W |
| 0923 251550 2013-03-01 | UPPER MANNVILLE X6X |
| 0923 251551 2013-06-01 | UPPER MANNVILLE Y6Y |
| 0923 251552 2013-10-01 | UPPER MANNVILLE Z6Z |
| 0923 251901 2015-01-01 | UPPER MANNVILLE A7A |
| 0923 251902 2014-04-01 | UPPER MANNVILLE B7B |
| 0923 251903 2015-04-01 | UPPER MANNVILLE C7C |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|------------|
| 0923 256002 | 2001-02-01 | COLONY B |
| 0923 256003 | 2003-02-01 | COLONY C |
| 0923 256004 | 2001-02-01 | COLONY D |
| 0923 256005 | 2001-02-01 | COLONY E |
| 0923 256006 | 2001-02-01 | COLONY F |
| 0923 256007 | 2001-02-01 | COLONY G |
| 0923 256019 | 2001-02-01 | COLONY S |
| 0923 256020 | 2001-02-01 | COLONY T |
| 0923 256021 | 2005-05-01 | COLONY U |
| 0923 256022 | 2001-02-01 | COLONY V |
| 0923 256024 | 2001-02-01 | COLONY X |
| 0923 256026 | 2001-02-01 | COLONY Z |
| 0923 256027 | 2001-10-01 | COLONY AA |
| 0923 256028 | 2001-02-01 | COLONY BB |
| 0923 256029 | 2004-05-01 | COLONY CC |
| 0923 256030 | 2001-02-01 | COLONY DD |
| 0923 256031 | 2001-02-01 | COLONY EE |
| 0923 256032 | 2001-02-01 | COLONY FF |
| 0923 256033 | 2010-04-01 | COLONY GG |
| 0923 256034 | 2013-09-01 | COLONY HH |
| 0923 256035 | 2001-02-01 | COLONY II |
| 0923 256036 | 2004-08-01 | COLONY JJ |
| 0923 256037 | 2001-02-01 | COLONY KK |
| 0923 256038 | 2001-12-01 | COLONY LL |
| 0923 256040 | 2001-02-01 | COLONY NN |
| 0923 256041 | 2001-02-01 | COLONY OO |
| 0923 256042 | 2002-06-01 | COLONY PP |
| 0923 256044 | 2001-02-01 | COLONY RR |
| 0923 256045 | 2010-04-01 | COLONY SS |
| 0923 256047 | 2001-02-01 | COLONY UU |
| 0923 256048 | 2001-02-01 | COLONY VV |
| 0923 256049 | 2001-02-01 | COLONY WW |
| 0923 256050 | 2001-02-01 | COLONY XX |
| 0923 256051 | 2001-02-01 | COLONY YY |
| 0923 256052 | 2002-09-01 | COLONY ZZ |
| 0923 256401 | 2001-02-01 | COLONY AAA |
| 0923 256402 | 2001-02-01 | COLONY BBB |
| 0923 256403 | 2001-02-01 | COLONY CCC |

POOL DESIGNATION (cont'd)

| | |
|------------------------|------------|
| 0923 256404 2001-02-01 | COLONY DDD |
| 0923 256405 2004-01-01 | COLONY EEE |
| 0923 256406 2001-02-01 | COLONY FFF |
| 0923 256407 2001-02-01 | COLONY GGG |
| 0923 256408 2001-02-01 | COLONY HHH |
| 0923 256409 2001-02-01 | COLONY III |
| 0923 256410 2006-06-01 | COLONY JJJ |
| 0923 256411 2001-02-01 | COLONY KKK |
| 0923 256412 2012-05-01 | COLONY LLL |
| 0923 256413 2001-02-01 | COLONY MMM |
| 0923 256414 2001-02-01 | COLONY NNN |
| 0923 256415 2002-05-01 | COLONY OOO |
| 0923 256417 2001-02-01 | COLONY QQQ |
| 0923 256418 2001-02-01 | COLONY RRR |
| 0923 256419 2001-02-01 | COLONY SSS |
| 0923 256420 2001-02-01 | COLONY TTT |
| 0923 256421 2006-07-01 | COLONY UUU |
| 0923 256422 2001-02-01 | COLONY VVV |
| 0923 256423 2001-02-01 | COLONY WWW |
| 0923 256424 2008-04-01 | COLONY XXX |
| 0923 256425 2001-02-01 | COLONY YYY |
| 0923 256426 2005-11-01 | COLONY ZZZ |
| 0923 256427 2001-02-01 | COLONY A2A |
| 0923 256428 2002-10-01 | COLONY B2B |
| 0923 256429 2001-02-01 | COLONY C2C |
| 0923 256430 2001-02-01 | COLONY D2D |
| 0923 256431 2011-03-01 | COLONY E2E |
| 0923 256432 2001-02-01 | COLONY F2F |
| 0923 256433 2001-02-01 | COLONY G2G |
| 0923 256434 2001-02-01 | COLONY H2H |
| 0923 256435 2001-02-01 | COLONY I2I |
| 0923 256436 2001-02-01 | COLONY J2J |
| 0923 256437 2010-10-01 | COLONY K2K |
| 0923 256438 2001-02-01 | COLONY L2L |
| 0923 256439 2001-02-01 | COLONY M2M |
| 0923 256440 2001-02-01 | COLONY N2N |
| 0923 256441 2010-10-01 | COLONY O2O |
| 0923 256443 2001-02-01 | COLONY Q2Q |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|------------|
| 0923 256444 | 2001-02-01 | COLONY R2R |
| 0923 256445 | 2001-02-01 | COLONY S2S |
| 0923 256446 | 2011-05-01 | COLONY T2T |
| 0923 256447 | 2001-02-01 | COLONY U2U |
| 0923 256448 | 2001-02-01 | COLONY V2V |
| 0923 256449 | 2001-02-01 | COLONY W2W |
| 0923 256450 | 2001-02-01 | COLONY X2X |
| 0923 256451 | 2011-09-01 | COLONY Y2Y |
| 0923 256452 | 2011-04-01 | COLONY Z2Z |
| 0923 258701 | 2001-02-01 | COLONY A3A |
| 0923 258702 | 2004-03-01 | COLONY B3B |
| 0923 258703 | 2010-04-01 | COLONY C3C |
| 0923 258704 | 2001-03-01 | COLONY D3D |
| 0923 258705 | 2004-08-01 | COLONY E3E |
| 0923 258706 | 2001-10-01 | COLONY F3F |
| 0923 258707 | 2001-10-01 | COLONY G3G |
| 0923 258708 | 2014-09-01 | COLONY H3H |
| 0923 258709 | 2001-12-01 | COLONY I3I |
| 0923 258710 | 2001-12-01 | COLONY J3J |
| 0923 258711 | 2012-07-01 | COLONY K3K |
| 0923 258712 | 2001-12-01 | COLONY L3L |
| 0923 258713 | 2002-01-01 | COLONY M3M |
| 0923 258714 | 2002-02-01 | COLONY N3N |
| 0923 258715 | 2014-11-01 | COLONY O3O |
| 0923 258716 | 2002-09-01 | COLONY P3P |
| 0923 258717 | 2002-07-01 | COLONY Q3Q |
| 0923 258718 | 2002-06-01 | COLONY R3R |
| 0923 258719 | 2010-04-01 | COLONY S3S |
| 0923 258720 | 2002-09-01 | COLONY T3T |
| 0923 258721 | 2010-04-01 | COLONY U3U |
| 0923 258722 | 2002-11-01 | COLONY V3V |
| 0923 258723 | 2002-11-01 | COLONY W3W |
| 0923 258724 | 2002-11-01 | COLONY X3X |
| 0923 258725 | 2003-02-01 | COLONY Y3Y |
| 0923 258726 | 2005-09-01 | COLONY Z3Z |
| 0923 258727 | 2003-07-01 | COLONY A4A |
| 0923 258728 | 2004-01-01 | COLONY B4B |
| 0923 258729 | 2004-02-01 | COLONY C4C |

POOL DESIGNATION (cont'd)

| | |
|------------------------|------------|
| 0923 258730 2010-04-01 | COLONY D4D |
| 0923 258731 2004-08-01 | COLONY E4E |
| 0923 258732 2004-08-01 | COLONY F4F |
| 0923 258733 2010-04-01 | COLONY G4G |
| 0923 258734 2008-05-01 | COLONY H4H |
| 0923 258735 2005-02-01 | COLONY I4I |
| 0923 258736 2005-02-01 | COLONY J4J |
| 0923 258737 2005-09-01 | COLONY K4K |
| 0923 258738 2006-04-01 | COLONY L4L |
| 0923 258739 2006-09-01 | COLONY M4M |
| 0923 258740 2006-09-01 | COLONY N4N |
| 0923 258741 2006-09-01 | COLONY O4O |
| 0923 258742 2006-11-01 | COLONY P4P |
| 0923 258743 2007-02-01 | COLONY Q4Q |
| 0923 258744 2007-12-01 | COLONY R4R |
| 0923 258745 2008-01-01 | COLONY S4S |
| 0923 258746 2008-11-01 | COLONY T4T |
| 0923 258747 2009-08-01 | COLONY U4U |
| 0923 258748 2010-02-01 | COLONY V4V |
| 0923 258749 2010-08-01 | COLONY W4W |
| 0923 258750 2010-09-01 | COLONY X4X |
| 0923 258751 2010-09-01 | COLONY Y4Y |
| 0923 258752 2010-12-01 | COLONY Z4Z |
| 0923 258801 2013-12-01 | COLONY A5A |
| 0923 258802 2014-03-01 | COLONY B5B |
| 0923 258803 2014-04-01 | COLONY C5C |
| 0923 258804 2014-04-01 | COLONY D5D |
| 0923 276005 2010-04-01 | SPARKY E |
| 0923 276006 2010-04-01 | SPARKY F |
| 0923 276007 2014-06-01 | SPARKY G |
| 0923 276009 2001-02-01 | SPARKY I |
| 0923 276010 2001-02-01 | SPARKY J |
| 0923 276011 2001-02-01 | SPARKY K |
| 0923 276012 2001-02-01 | SPARKY L |
| 0923 276015 2001-02-01 | SPARKY O |
| 0923 276016 2001-02-01 | SPARKY P |
| 0923 276017 2002-12-01 | SPARKY Q |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|------------|
| 0923 276018 | 2001-02-01 | SPARKY R |
| 0923 276019 | 2001-02-01 | SPARKY S |
| 0923 276020 | 2001-02-01 | SPARKY T |
| 0923 276022 | 2001-02-01 | SPARKY V |
| 0923 276023 | 2010-04-01 | SPARKY W |
| 0923 276024 | 2001-02-01 | SPARKY X |
| 0923 276025 | 2006-01-01 | SPARKY Y |
| 0923 276026 | 2010-10-01 | SPARKY Z |
| 0923 276027 | 2001-02-01 | SPARKY AA |
| 0923 276028 | 2016-04-01 | SPARKY BB |
| 0923 276036 | 2006-08-01 | SPARKY JJ |
| 0923 276038 | 2001-02-01 | SPARKY LL |
| 0923 276039 | 2001-02-01 | SPARKY MM |
| 0923 276040 | 2011-05-01 | SPARKY NN |
| 0923 276041 | 2001-02-01 | SPARKY OO |
| 0923 276042 | 2010-04-01 | SPARKY PP |
| 0923 276043 | 2001-02-01 | SPARKY QQ |
| 0923 276044 | 2001-02-01 | SPARKY RR |
| 0923 276045 | 2009-11-01 | SPARKY SS |
| 0923 276046 | 2001-02-01 | SPARKY TT |
| 0923 276047 | 2001-02-01 | SPARKY UU |
| 0923 276048 | 2001-02-01 | SPARKY VV |
| 0923 276049 | 2001-02-01 | SPARKY WW |
| 0923 276051 | 2010-04-01 | SPARKY YY |
| 0923 276052 | 2006-09-01 | SPARKY ZZ |
| 0923 276301 | 2010-04-01 | SPARKY A3A |
| 0923 276302 | 2010-04-01 | SPARKY B3B |
| 0923 276303 | 2003-11-01 | SPARKY C3C |
| 0923 276304 | 2001-11-01 | SPARKY D3D |
| 0923 276305 | 2002-01-01 | SPARKY E3E |
| 0923 276306 | 2002-01-01 | SPARKY F3F |
| 0923 276307 | 2002-02-01 | SPARKY G3G |
| 0923 276308 | 2002-02-01 | SPARKY H3H |
| 0923 276309 | 2002-04-01 | SPARKY I3I |
| 0923 276310 | 2002-07-01 | SPARKY J3J |
| 0923 276311 | 2002-10-01 | SPARKY K3K |
| 0923 276312 | 2002-12-01 | SPARKY L3L |
| 0923 276313 | 2004-01-01 | SPARKY M3M |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|------------|
| 0923 276314 | 2003-03-01 | SPARKY N3N |
| 0923 276315 | 2003-09-01 | SPARKY O3O |
| 0923 276316 | 2004-01-01 | SPARKY P3P |
| 0923 276317 | 2010-04-01 | SPARKY Q3Q |
| 0923 276318 | 2010-04-01 | SPARKY R3R |
| 0923 276319 | 2004-02-01 | SPARKY S3S |
| 0923 276320 | 2010-04-01 | SPARKY T3T |
| 0923 276321 | 2010-04-01 | SPARKY U3U |
| 0923 276322 | 2004-07-01 | SPARKY V3V |
| 0923 276323 | 2004-11-01 | SPARKY W3W |
| 0923 276324 | 2005-01-01 | SPARKY X3X |
| 0923 276325 | 2006-11-01 | SPARKY Y3Y |
| 0923 276326 | 2005-05-01 | SPARKY Z3Z |
| 0923 276327 | 2006-01-01 | SPARKY A4A |
| 0923 276328 | 2006-04-01 | SPARKY B4B |
| 0923 276329 | 2011-05-01 | SPARKY C4C |
| 0923 276330 | 2006-10-01 | SPARKY D4D |
| 0923 276331 | 2006-10-01 | SPARKY E4E |
| 0923 276332 | 2006-10-01 | SPARKY F4F |
| 0923 276333 | 2010-04-01 | SPARKY G4G |
| 0923 276334 | 2006-11-01 | SPARKY H4H |
| 0923 276335 | 2007-11-01 | SPARKY I4I |
| 0923 276336 | 2007-12-01 | SPARKY J4J |
| 0923 276337 | 2007-12-01 | SPARKY K4K |
| 0923 276338 | 2007-12-01 | SPARKY L4L |
| 0923 276339 | 2007-12-01 | SPARKY M4M |
| 0923 276340 | 2010-04-01 | SPARKY N4N |
| 0923 276341 | 2009-05-01 | SPARKY O4O |
| 0923 276342 | 2009-05-01 | SPARKY P4P |
| 0923 276343 | 2009-07-01 | SPARKY Q4Q |
| 0923 276344 | 2009-08-01 | SPARKY R4R |
| 0923 276345 | 2010-02-01 | SPARKY S4S |
| 0923 276346 | 2010-05-01 | SPARKY T4T |
| 0923 276347 | 2010-10-01 | SPARKY U4U |
| 0923 276348 | 2011-05-01 | SPARKY V4V |
| 0923 276349 | 2011-05-01 | SPARKY W4W |
| 0923 276351 | 2011-05-01 | SPARKY Y4Y |
| 0923 276352 | 2017-08-01 | SPARKY Z4Z |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|----------------|
| 0923 277501 | 2013-07-01 | SPARKY A5A |
| 0923 277502 | 2013-07-01 | SPARKY B5B |
| 0923 277503 | 2014-04-01 | SPARKY C5C |
| 0923 277504 | 2014-06-01 | SPARKY D5D |
| | | |
| 0923 278000 | 2009-04-01 | WAINWRIGHT |
| 0923 278002 | 2010-04-01 | WAINWRIGHT B |
| 0923 278004 | 2001-02-01 | WAINWRIGHT D |
| 0923 278005 | 2009-03-01 | WAINWRIGHT E |
| 0923 278006 | 2010-04-01 | WAINWRIGHT F |
| 0923 278007 | 2001-02-01 | WAINWRIGHT G |
| 0923 278008 | 2001-02-01 | WAINWRIGHT H |
| | | |
| 0923 288001 | 2006-01-01 | REX A |
| 0923 288002 | 2005-06-01 | REX B |
| 0923 288003 | 2005-07-01 | REX C |
| 0923 288004 | 2006-11-01 | REX D |
| 0923 288005 | 2009-01-01 | REX E |
| 0923 288006 | 2010-04-01 | REX F |
| 0923 288007 | 2010-04-01 | REX G |
| 0923 288008 | 2012-11-01 | REX H |
| 0923 288009 | 2013-07-01 | REX I |
| | | |
| 0923 294001 | 2015-01-01 | LLOYDMINSTER A |
| 0923 294002 | 2005-08-01 | LLOYDMINSTER B |
| 0923 294003 | 2005-05-01 | LLOYDMINSTER C |
| 0923 294004 | 2011-03-01 | LLOYDMINSTER D |
| 0923 294005 | 2006-09-01 | LLOYDMINSTER E |
| 0923 294006 | 2007-02-01 | LLOYDMINSTER F |
| 0923 294007 | 2009-10-01 | LLOYDMINSTER G |
| 0923 294008 | 2012-11-01 | LLOYDMINSTER H |
| 0923 294009 | 2014-03-01 | LLOYDMINSTER I |
| | | |
| 0923 300010 | 2010-04-01 | GLAUCONITIC J |
| 0923 300012 | 2003-02-01 | GLAUCONITIC L |
| 0923 300013 | 2001-02-01 | GLAUCONITIC M |
| 0923 300015 | 2001-10-01 | GLAUCONITIC O |
| 0923 300017 | 2001-02-01 | GLAUCONITIC Q |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|-----------------|
| 0923 300018 | 2001-02-01 | GLAUCONITIC R |
| 0923 300019 | 2001-02-01 | GLAUCONITIC S |
| 0923 300021 | 2001-02-01 | GLAUCONITIC U |
| 0923 300022 | 2001-02-01 | GLAUCONITIC V |
| 0923 300023 | 2001-02-01 | GLAUCONITIC W |
| 0923 300024 | 2001-02-01 | GLAUCONITIC X |
| 0923 300026 | 2001-02-01 | GLAUCONITIC Z |
| 0923 300027 | 2010-04-01 | GLAUCONITIC AA |
| 0923 300028 | 2001-02-01 | GLAUCONITIC BB |
| 0923 300029 | 2002-12-01 | GLAUCONITIC CC |
| 0923 300030 | 2001-02-01 | GLAUCONITIC DD |
| 0923 300031 | 2001-02-01 | GLAUCONITIC EE |
| 0923 300032 | 2001-02-01 | GLAUCONITIC FF |
| 0923 300034 | 2001-02-01 | GLAUCONITIC HH |
| 0923 300035 | 2001-02-01 | GLAUCONITIC II |
| 0923 300036 | 2001-02-01 | GLAUCONITIC JJ |
| 0923 300037 | 2001-02-01 | GLAUCONITIC KK |
| 0923 300038 | 2001-02-01 | GLAUCONITIC LL |
| 0923 300039 | 2001-02-01 | GLAUCONITIC MM |
| 0923 300040 | 2001-02-01 | GLAUCONITIC NN |
| 0923 300041 | 2004-08-01 | GLAUCONITIC OO |
| 0923 300042 | 2001-02-01 | GLAUCONITIC PP |
| 0923 300043 | 2001-02-01 | GLAUCONITIC QQ |
| 0923 300044 | 2010-04-01 | GLAUCONITIC RR |
| 0923 300045 | 2001-11-01 | GLAUCONITIC SS |
| 0923 300046 | 2002-05-01 | GLAUCONITIC TT |
| 0923 300047 | 2002-08-01 | GLAUCONITIC UU |
| 0923 300048 | 2003-01-01 | GLAUCONITIC VV |
| 0923 300049 | 2003-02-01 | GLAUCONITIC WW |
| 0923 300050 | 2006-11-01 | GLAUCONITIC XX |
| 0923 300051 | 2017-09-01 | GLAUCONITIC YY |
| 0923 300052 | 2005-05-01 | GLAUCONITIC ZZ |
| 0923 300901 | 2006-02-01 | GLAUCONITIC AAA |
| 0923 300902 | 2006-04-01 | GLAUCONITIC BBB |
| 0923 300903 | 2010-04-01 | GLAUCONITIC CCC |
| 0923 300904 | 2013-03-01 | GLAUCONITIC DDD |
| 0923 300905 | 2015-09-01 | GLAUCONITIC EEE |

POOL DESIGNATION (cont'd)

| | |
|------------------------|--------------------|
| 0923 302001 2010-04-01 | CUMMINGS A |
| 0923 302002 2005-06-01 | CUMMINGS B |
| 0923 302003 2005-07-01 | CUMMINGS C |
| 0923 310007 2001-02-01 | LOWER MANNVILLE G |
| 0923 310008 2001-02-01 | LOWER MANNVILLE H |
| 0923 310009 2001-02-01 | LOWER MANNVILLE I |
| 0923 310011 2001-02-01 | LOWER MANNVILLE K |
| 0923 310012 2001-02-01 | LOWER MANNVILLE L |
| 0923 310013 2001-02-01 | LOWER MANNVILLE M |
| 0923 310014 2001-02-01 | LOWER MANNVILLE N |
| 0923 310016 2001-02-01 | LOWER MANNVILLE P |
| 0923 310020 2001-02-01 | LOWER MANNVILLE T |
| 0923 310022 2001-02-01 | LOWER MANNVILLE V |
| 0923 310023 2002-06-01 | LOWER MANNVILLE W |
| 0923 310024 2001-02-01 | LOWER MANNVILLE X |
| 0923 310026 2001-02-01 | LOWER MANNVILLE Z |
| 0923 310028 2011-11-01 | LOWER MANNVILLE BB |
| 0923 310030 2001-02-01 | LOWER MANNVILLE DD |
| 0923 310031 2001-02-01 | LOWER MANNVILLE EE |
| 0923 310032 2001-02-01 | LOWER MANNVILLE FF |
| 0923 310034 2001-02-01 | LOWER MANNVILLE HH |
| 0923 310035 2011-03-01 | LOWER MANNVILLE II |
| 0923 310036 2001-04-01 | LOWER MANNVILLE JJ |
| 0923 310037 2001-10-01 | LOWER MANNVILLE KK |
| 0923 310039 2002-09-01 | LOWER MANNVILLE MM |
| 0923 310040 2006-04-01 | LOWER MANNVILLE NN |
| 0923 310041 2006-09-01 | LOWER MANNVILLE OO |
| 0923 310042 2006-09-01 | LOWER MANNVILLE PP |
| 0923 310043 2006-10-01 | LOWER MANNVILLE QQ |
| 0923 310044 2012-11-01 | LOWER MANNVILLE RR |
| 0923 310045 2011-05-01 | LOWER MANNVILLE SS |
| 0923 310046 2012-11-01 | LOWER MANNVILLE TT |
| 0923 658003 2001-02-01 | WABAMUN C |
| 0923 658004 2006-02-01 | WABAMUN D |
| 0923 658005 2010-04-01 | WABAMUN E |
| 0923 658006 2001-02-01 | WABAMUN F |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|--------------|
| 0923 658007 | 2001-02-01 | WABAMUN G |
| 0923 658008 | 2001-02-01 | WABAMUN H |
| 0923 658009 | 2001-02-01 | WABAMUN I |
| 0923 658010 | 2001-02-01 | WABAMUN J |
| 0923 658011 | 2001-12-01 | WABAMUN K |
| 0923 658012 | 2004-09-01 | WABAMUN L |
| 0923 658013 | 2002-05-01 | WABAMUN M |
| 0923 658014 | 2002-11-01 | WABAMUN N |
| 0923 658015 | 2005-02-01 | WABAMUN O |
| 0923 658016 | 2005-10-01 | WABAMUN P |
| 0923 658017 | 2006-07-01 | WABAMUN Q |
| 0923 658018 | 2010-04-01 | WABAMUN R |
| 0923 658019 | 2009-02-01 | WABAMUN S |
| 0923 658020 | 2011-03-01 | WABAMUN T |
| 0923 658021 | 2011-03-01 | WABAMUN U |
| | | |
| 0923 670001 | 2001-10-01 | WINTERBURN A |
| | | |
| 0923 696002 | 2001-02-01 | D-2 B |
| 0923 696003 | 2001-02-01 | D-2 C |
| 0923 696004 | 2005-08-01 | D-2 D |
| 0923 696005 | 2010-04-01 | D-2 E |
| 0923 696006 | 2001-02-01 | D-2 F |
| 0923 696008 | 2014-05-01 | D-2 H |
| 0923 696010 | 2012-07-01 | D-2 J |
| 0923 696011 | 2001-02-01 | D-2 K |
| 0923 696013 | 2005-01-01 | D-2 M |
| 0923 696014 | 2010-04-01 | D-2 N |
| 0923 696015 | 2013-07-01 | D-2 O |
| | | |
| 0923 708000 | 2001-02-01 | CAMROSE |
| 0923 708002 | 2001-02-01 | CAMROSE B |
| 0923 708003 | 2001-02-01 | CAMROSE C |
| 0923 708004 | 2001-02-01 | CAMROSE D |
| 0923 708005 | 2003-02-01 | CAMROSE E |
| | | |
| 0923 720000 | 2001-02-01 | D-3 |

POOL DESIGNATION (cont'd)

0923 720002 2001-02-01 D-3 B

0923 851800 2014-03-01 MFP8518 U&M VIKING

SPACING PATTERN

SU 4194 9 Jul 2004
 SU 4194A 23 Aug 2004
 SU 4194B 20 Nov 2004
 SU 4194C 3 Feb 2005
 SU 4194D 8 Apr 2005
 SU 4194E 26 Jul 2005
 SU 4194F 19 Dec 2005
 SU 4194G 20 Dec 2005
 SU 4194H 24 May 2006
 SU 4194I 16 Oct 2006

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

App 8804C 27 Feb 2013
 Waterflood
 Sparky G
 Canadian Natural Resources Limited

 App 9551J 22 Jul 2015
 Waterflood
 Wainwright B
 Cardinal Energy Ltd.

COMMINGLED PRODUCTION

MU 7397 9 Apr 2010

App 9967H 3 Apr 2017
 Waterflood
 Sparky F
 Cardinal Energy Ltd.

GAS ALLOWABLE

GA 288 29 Feb 1984

App 10171I 1 Sep 2016
 Waterflood
 Sparky E
 Cardinal Energy Ltd.

ENHANCED RECOVERY SCHEMES

App 8556J 23 Oct 2015
 Waterflood
 Upper Mannville A4A
 Cardinal Energy Ltd.

App 10345A 14 Jun 2016
 Waterflood
 Sparky E
 Canadian Natural Resources Limited

App 8703D 23 Jun 2016
 Waterflood
 Upper Mannville Z3Z
 Taqa North Ltd.

App 10615K 10 Dec 2015
 Waterflood
 Sparky JJ
 Cardinal Energy Ltd.

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

App 11324I 4 Dec 2015
Waterflood
Upper Mannville K5K, X and Z3Z
Cardinal Energy Ltd.

App 11486B 4 Dec 2015
Waterflood
Sparky PP & YY
Cardinal Energy Ltd.

App 12389B
Waterflood
Sparky D5D
Canadian Natural Resources Limited

App 12603C 20 Dec 2017
Waterflood
Sparky Z4Z
Venturion Oil Limited

CONCURRENT PRODUCTION

MISC 8422 9 Oct 1984
Upper Mannville CCC

SUBSURFACE DISPOSAL SCHEMES

App 11719A 23 Feb 2012
Class II
Perpetual Energy Operating Corp.

App 11852 21 Jun 2012
Class II
Crew Energy Inc.

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

App 12490 23 Mar 2016
Class II
Enercapita Energy. Ltd

COMPULSORY POOLING

P 125 25 May 1995
P 125A 12 Apr 2007
Gas
17-045-07W4M
Penn West Petroleum Ltd.

P 132 23 Nov 1995
Gas
15-049-11W4M
PB Resources Inc.

P 148 11 Dec 1996
Gas
05-048-10W4M
Northwestern Utilities Limited

P 442 8 Mar 2013
Gas
07-047-11W4M
ConocoPhillips Canada Operations Ltd.

FIELD DESIGNATION

0925 2013-11-01 VIRGINIA HILLS FIELD

POOL DESIGNATION

0925 126001 2009-03-01 BELLY RIVER A

0925 218002 2001-03-01 VIKING B

0925 218003 2001-09-01 VIKING C

0925 218004 2001-09-01 VIKING D

0925 218005 2001-03-01 VIKING E

0925 218006 2010-04-01 VIKING F

0925 218007 2002-03-01 VIKING G

0925 218008 2009-03-01 VIKING H

0925 218009 2009-05-01 VIKING I

0925 326001 2001-02-01 GETHING A

0925 326002 2004-07-01 GETHING B

0925 326003 2001-03-01 GETHING C

0925 326004 2001-03-01 GETHING D

0925 326005 2001-04-01 GETHING E

0925 326006 2002-12-01 GETHING F

0925 326007 2003-04-01 GETHING G

0925 326008 2009-06-01 GETHING H

0925 556001 2010-04-01 BELLOY A

0925 640001 2001-03-01 SHUNDA A

0925 696001 2006-01-01 NISKU A

0925 744000 2017-09-01 BEAVERHILL LAKE

0925 744005 2001-02-01 BEAVERHILL LAKE E

0925 744006 2003-12-01 BEAVERHILL LAKE F

SPACING PATTERN

SU 2552 31 Jan 1996
SU 2552A 2 Dec 1998
SU 2552B 8 Oct 2002
SU 2552C 26 Feb 2003
SU 2552D 14 Nov 2006
SU 2552E 6 Dec 2006

COMMINGLED PRODUCTION

MU 5554 27 Apr 2006

ENHANCED RECOVERY SCHEMES

App 2313E 27 Nov 2013
Waterflood
Beaverhill Lake
Penn West Petroleum Ltd.

App 4023E 25 May 2017
Waterflood
Beaverhill Lake
Coastal Resources Limited

App 10072L 5 Feb 2018
Waterflood
Belloy A
Paramount Resources Ltd.

App 10388F 16 Feb 2017
Waterflood
Nisku A
Ridgeback Resources Inc.

App 11462B 18 Apr 2017
Waterflood
Beaverhill Lake
Razor Energy Corp.

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

App 12215C 18 Feb 2016
Waterflood
Beaverhill Lake
Crescent Point Energy Corp.

SUBSURFACE DISPOSAL SCHEMES

App 3316 25 May 1981
Water disposal
Shell Canada Resources Limited

App 3849C 18 Apr 2017
Class II
Razor Energy Corp.

App 10063C 8 Mar 2018
Class III Acid Gas
Paramount Resources Ltd.

App 12695 26 Feb 2018
Class II
Crescent Point Energy Corp.

FIELD DESIGNATION

0926 2008-05-01 VIRGO FIELD

POOL DESIGNATION

0926 758001 2001-02-01 SLAVE POINT A
0926 758002 2001-02-01 SLAVE POINT B
0926 758003 2001-02-01 SLAVE POINT C
0926 758004 2001-02-01 SLAVE POINT D
0926 758005 2001-02-01 SLAVE POINT E
0926 758006 2001-02-01 SLAVE POINT F
0926 758007 2001-02-01 SLAVE POINT G
0926 758008 2001-02-01 SLAVE POINT H
0926 758009 2001-02-01 SLAVE POINT I
0926 758010 2001-02-01 SLAVE POINT J
0926 758011 2010-04-01 SLAVE POINT K
0926 758012 2001-02-01 SLAVE POINT L
0926 758013 2001-02-01 SLAVE POINT M
0926 758014 2010-04-01 SLAVE POINT N
0926 758015 2001-02-01 SLAVE POINT O
0926 758016 2001-02-01 SLAVE POINT P
0926 758017 2001-02-01 SLAVE POINT Q
0926 758018 2002-08-01 SLAVE POINT R
0926 758020 2001-02-01 SLAVE POINT T
0926 758021 2001-02-01 SLAVE POINT U
0926 758022 2001-02-01 SLAVE POINT V
0926 758023 2001-02-01 SLAVE POINT W
0926 758024 2001-02-01 SLAVE POINT X
0926 758025 2001-02-01 SLAVE POINT Y
0926 758026 2006-01-01 SLAVE POINT Z
0926 758027 2001-02-01 SLAVE POINT AA
0926 758028 2001-02-01 SLAVE POINT BB
0926 758029 2001-02-01 SLAVE POINT CC
0926 758030 2009-09-01 SLAVE POINT DD
0926 758031 2001-02-01 SLAVE POINT EE
0926 758032 2001-02-01 SLAVE POINT FF
0926 758033 2012-02-01 SLAVE POINT GG

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|-----------------|
| 0926 758034 | 2001-02-01 | SLAVE POINT HH |
| 0926 758035 | 2001-02-01 | SLAVE POINT II |
| 0926 758036 | 2001-02-01 | SLAVE POINT JJ |
| 0926 758037 | 2001-02-01 | SLAVE POINT KK |
| 0926 758038 | 2001-02-01 | SLAVE POINT LL |
| 0926 758039 | 2001-02-01 | SLAVE POINT MM |
| 0926 758040 | 2001-02-01 | SLAVE POINT NN |
| 0926 758041 | 2001-06-01 | SLAVE POINT OO |
| 0926 758042 | 2001-11-01 | SLAVE POINT PP |
| 0926 758043 | 2001-03-01 | SLAVE POINT QQ |
| 0926 758044 | 2001-03-01 | SLAVE POINT RR |
| 0926 758045 | 2001-03-01 | SLAVE POINT SS |
| 0926 758046 | 2001-03-01 | SLAVE POINT TT |
| 0926 758047 | 2001-03-01 | SLAVE POINT UU |
| 0926 758048 | 2001-03-01 | SLAVE POINT VV |
| 0926 758049 | 2001-03-01 | SLAVE POINT WW |
| 0926 758050 | 2001-03-01 | SLAVE POINT XX |
| 0926 758051 | 2001-03-01 | SLAVE POINT YY |
| 0926 758052 | 2001-03-01 | SLAVE POINT ZZ |
| 0926 758601 | 2001-03-01 | SLAVE POINT AAA |
| 0926 758602 | 2001-03-01 | SLAVE POINT BBB |
| 0926 758603 | 2001-03-01 | SLAVE POINT CCC |
| 0926 758604 | 2001-08-01 | SLAVE POINT DDD |
| 0926 758605 | 2011-11-01 | SLAVE POINT EEE |
| 0926 758606 | 2001-08-01 | SLAVE POINT FFF |
| 0926 758607 | 2001-09-01 | SLAVE POINT GGG |
| 0926 758608 | 2001-09-01 | SLAVE POINT HHH |
| 0926 758609 | 2001-11-01 | SLAVE POINT III |
| 0926 758610 | 2002-02-01 | SLAVE POINT JJJ |
| 0926 758611 | 2003-01-01 | SLAVE POINT KKK |
| 0926 758612 | 2003-02-01 | SLAVE POINT LLL |
| 0926 758613 | 2003-06-01 | SLAVE POINT MMM |
| 0926 758614 | 2003-08-01 | SLAVE POINT NNN |
| 0926 758615 | 2004-11-01 | SLAVE POINT OOO |
| 0926 758616 | 2004-12-01 | SLAVE POINT PPP |
| 0926 758617 | 2004-12-01 | SLAVE POINT QQQ |
| 0926 758618 | 2010-04-01 | SLAVE POINT RRR |
| 0926 758619 | 2007-01-01 | SLAVE POINT SSS |

POOL DESIGNATION (cont'd)

| | |
|------------------------|------------------|
| 0926 758620 2007-05-01 | SLAVE POINT TTT |
| 0926 758621 2007-11-01 | SLAVE POINT UUU |
| 0926 758622 2007-11-01 | SLAVE POINT VVV |
| 0926 758623 2010-04-01 | SLAVE POINT WWW |
| 0926 758624 2008-07-01 | SLAVE POINT XXX |
| 0926 758625 2009-01-01 | SLAVE POINT YYY |
| 0926 758626 2009-01-01 | SLAVE POINT ZZZ |
| 0926 758627 2010-04-01 | SLAVE POINT A2A |
| 0926 758628 2009-12-01 | SLAVE POINT B2B |
| | |
| 0926 767501 2010-05-01 | SULPHUR POINT A |
| 0926 767502 2008-06-01 | SULPHUR POINT B |
| 0926 767503 2008-06-01 | SULPHUR POINT C |
| 0926 767504 2008-06-01 | SULPHUR POINT D |
| 0926 767505 2008-06-01 | SULPHUR POINT E |
| 0926 767506 2008-06-01 | SULPHUR POINT F |
| 0926 767507 2008-06-01 | SULPHUR POINT G |
| 0926 767508 2008-06-01 | SULPHUR POINT H |
| 0926 767509 2008-06-01 | SULPHUR POINT I |
| 0926 767510 2008-06-01 | SULPHUR POINT J |
| 0926 767511 2008-06-01 | SULPHUR POINT K |
| 0926 767512 2008-06-01 | SULPHUR POINT L |
| 0926 767513 2008-06-01 | SULPHUR POINT M |
| 0926 767514 2008-06-01 | SULPHUR POINT N |
| 0926 767515 2008-06-01 | SULPHUR POINT O |
| 0926 767516 2008-06-01 | SULPHUR POINT P |
| 0926 767517 2008-06-01 | SULPHUR POINT Q |
| 0926 767518 2008-06-01 | SULPHUR POINT R |
| 0926 767519 2008-06-01 | SULPHUR POINT S |
| 0926 767520 2008-06-01 | SULPHUR POINT T |
| 0926 767521 2008-06-01 | SULPHUR POINT U |
| 0926 767522 2008-06-01 | SULPHUR POINT V |
| 0926 767523 2008-06-01 | SULPHUR POINT W |
| 0926 767524 2008-06-01 | SULPHUR POINT X |
| 0926 767525 2008-06-01 | SULPHUR POINT Y |
| 0926 767526 2008-06-01 | SULPHUR POINT Z |
| 0926 767528 2010-04-01 | SULPHUR POINT BB |
| 0926 767529 2010-04-01 | SULPHUR POINT CC |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|------------------|
| 0926 767530 | 2008-06-01 | SULPHUR POINT DD |
| 0926 767531 | 2008-06-01 | SULPHUR POINT EE |
| 0926 767532 | 2008-06-01 | SULPHUR POINT FF |
| 0926 767533 | 2010-04-01 | SULPHUR POINT GG |
| 0926 767534 | 2008-08-01 | SULPHUR POINT HH |
| 0926 767535 | 2009-01-01 | SULPHUR POINT II |
| 0926 767536 | 2009-01-01 | SULPHUR POINT JJ |
| 0926 767537 | 2009-02-01 | SULPHUR POINT KK |
| 0926 767538 | 2009-04-01 | SULPHUR POINT LL |
| 0926 767539 | 2013-07-01 | SULPHUR POINT MM |
| | | |
| 0926 768501 | 2012-02-01 | MUSKEG A |
| 0926 768502 | 2010-05-01 | MUSKEG B |
| 0926 768503 | 2008-06-01 | MUSKEG C |
| 0926 768504 | 2008-06-01 | MUSKEG D |
| 0926 768505 | 2008-06-01 | MUSKEG E |
| 0926 768507 | 2008-06-01 | MUSKEG G |
| 0926 768509 | 2010-04-01 | MUSKEG I |
| 0926 768510 | 2008-06-01 | MUSKEG J |
| 0926 768511 | 2008-06-01 | MUSKEG K |
| 0926 768512 | 2010-04-01 | MUSKEG L |
| 0926 768513 | 2010-05-01 | MUSKEG M |
| 0926 768514 | 2008-06-01 | MUSKEG N |
| 0926 768515 | 2008-06-01 | MUSKEG O |
| 0926 768516 | 2008-06-01 | MUSKEG P |
| 0926 768517 | 2008-06-01 | MUSKEG Q |
| 0926 768518 | 2008-06-01 | MUSKEG R |
| 0926 768519 | 2008-06-01 | MUSKEG S |
| 0926 768520 | 2010-04-01 | MUSKEG T |
| 0926 768521 | 2008-06-01 | MUSKEG U |
| 0926 768522 | 2008-06-01 | MUSKEG V |
| 0926 768523 | 2010-04-01 | MUSKEG W |
| 0926 768524 | 2008-06-01 | MUSKEG X |
| 0926 768525 | 2008-06-01 | MUSKEG Y |
| 0926 768526 | 2008-06-01 | MUSKEG Z |
| 0926 768527 | 2008-06-01 | MUSKEG AA |
| 0926 768528 | 2008-06-01 | MUSKEG BB |
| 0926 768529 | 2008-06-01 | MUSKEG CC |

POOL DESIGNATION (cont'd)

| | |
|------------------------|--------------|
| 0926 768530 2008-06-01 | MUSKEG DD |
| 0926 768531 2008-06-01 | MUSKEG EE |
| 0926 768532 2010-04-01 | MUSKEG FF |
| 0926 768533 2008-10-01 | MUSKEG GG |
| 0926 768534 2008-10-01 | MUSKEG HH |
| 0926 768535 2009-03-01 | MUSKEG II |
| 0926 768536 2013-07-01 | MUSKEG JJ |
| 0926 768537 2013-07-01 | MUSKEG KK |
| | |
| 0926 772101 2008-06-01 | KEG RIVER A |
| 0926 772102 2008-06-01 | KEG RIVER B |
| 0926 772103 2008-06-01 | KEG RIVER C |
| 0926 772104 2008-06-01 | KEG RIVER D |
| 0926 772105 2008-06-01 | KEG RIVER E |
| 0926 772106 2008-06-01 | KEG RIVER F |
| 0926 772107 2008-06-01 | KEG RIVER G |
| 0926 772108 2010-04-01 | KEG RIVER H |
| 0926 772109 2008-06-01 | KEG RIVER I |
| 0926 772110 2008-06-01 | KEG RIVER J |
| 0926 772111 2008-06-01 | KEG RIVER K |
| 0926 772112 2008-06-01 | KEG RIVER L |
| 0926 772113 2008-06-01 | KEG RIVER M |
| 0926 772114 2008-06-01 | KEG RIVER N |
| 0926 772115 2008-06-01 | KEG RIVER O |
| 0926 772116 2010-04-01 | KEG RIVER P |
| 0926 772117 2008-06-01 | KEG RIVER Q |
| 0926 772118 2008-06-01 | KEG RIVER R |
| 0926 772119 2008-06-01 | KEG RIVER S |
| 0926 772120 2008-06-01 | KEG RIVER T |
| 0926 772121 2008-06-01 | KEG RIVER U |
| 0926 772122 2008-06-01 | KEG RIVER V |
| 0926 772123 2010-04-01 | KEG RIVER W |
| 0926 772124 2011-04-01 | KEG RIVER X |
| 0926 772125 2009-04-01 | KEG RIVER Y |
| 0926 772126 2008-06-01 | KEG RIVER Z |
| 0926 772127 2008-06-01 | KEG RIVER AA |
| 0926 772128 2008-06-01 | KEG RIVER BB |
| 0926 772129 2008-06-01 | KEG RIVER CC |

POOL DESIGNATION (cont'd)

| | |
|------------------------|---------------|
| 0926 772130 2010-04-01 | KEG RIVER DD |
| 0926 772131 2008-06-01 | KEG RIVER EE |
| 0926 772132 2008-06-01 | KEG RIVER FF |
| 0926 772133 2008-06-01 | KEG RIVER GG |
| 0926 772134 2008-06-01 | KEG RIVER HH |
| 0926 772135 2008-06-01 | KEG RIVER II |
| 0926 772136 2011-11-01 | KEG RIVER JJ |
| 0926 772137 2008-06-01 | KEG RIVER KK |
| 0926 772138 2008-06-01 | KEG RIVER LL |
| 0926 772139 2008-06-01 | KEG RIVER MM |
| 0926 772140 2008-06-01 | KEG RIVER NN |
| 0926 772141 2008-06-01 | KEG RIVER OO |
| 0926 772142 2008-06-01 | KEG RIVER PP |
| 0926 772143 2008-06-01 | KEG RIVER QQ |
| 0926 772144 2008-06-01 | KEG RIVER RR |
| 0926 772145 2010-05-01 | KEG RIVER SS |
| 0926 772146 2008-06-01 | KEG RIVER TT |
| 0926 772148 2010-04-01 | KEG RIVER VV |
| 0926 772149 2008-06-01 | KEG RIVER WW |
| 0926 772150 2008-06-01 | KEG RIVER XX |
| 0926 772151 2008-06-01 | KEG RIVER YY |
| 0926 772152 2008-06-01 | KEG RIVER ZZ |
| 0926 772201 2008-06-01 | KEG RIVER AAA |
| 0926 772202 2008-06-01 | KEG RIVER BBB |
| 0926 772203 2008-06-01 | KEG RIVER CCC |
| 0926 772204 2008-06-01 | KEG RIVER DDD |
| 0926 772205 2008-06-01 | KEG RIVER EEE |
| 0926 772206 2010-04-01 | KEG RIVER FFF |
| 0926 772207 2008-06-01 | KEG RIVER GGG |
| 0926 772208 2008-06-01 | KEG RIVER HHH |
| 0926 772209 2008-06-01 | KEG RIVER III |
| 0926 772210 2008-06-01 | KEG RIVER JJJ |
| 0926 772211 2008-06-01 | KEG RIVER KKK |
| 0926 772212 2008-06-01 | KEG RIVER LLL |
| 0926 772213 2008-06-01 | KEG RIVER MMM |
| 0926 772214 2008-06-01 | KEG RIVER NNN |
| 0926 772215 2010-04-01 | KEG RIVER OOO |
| 0926 772216 2008-06-01 | KEG RIVER PPP |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|---------------|
| 0926 772217 | 2010-04-01 | KEG RIVER QQQ |
| 0926 772218 | 2008-06-01 | KEG RIVER RRR |
| 0926 772219 | 2008-06-01 | KEG RIVER SSS |
| 0926 772220 | 2008-06-01 | KEG RIVER TTT |
| 0926 772221 | 2010-04-01 | KEG RIVER UUU |
| 0926 772222 | 2008-06-01 | KEG RIVER VVV |
| 0926 772223 | 2012-02-01 | KEG RIVER WWW |
| 0926 772225 | 2010-04-01 | KEG RIVER YYY |
| 0926 772226 | 2008-06-01 | KEG RIVER ZZZ |
| 0926 772227 | 2008-06-01 | KEG RIVER A2A |
| 0926 772228 | 2008-06-01 | KEG RIVER B2B |
| 0926 772229 | 2008-06-01 | KEG RIVER C2C |
| 0926 772230 | 2008-06-01 | KEG RIVER D2D |
| 0926 772231 | 2008-06-01 | KEG RIVER E2E |
| 0926 772232 | 2008-06-01 | KEG RIVER F2F |
| 0926 772233 | 2008-06-01 | KEG RIVER G2G |
| 0926 772234 | 2008-06-01 | KEG RIVER H2H |
| 0926 772235 | 2008-06-01 | KEG RIVER I2I |
| 0926 772236 | 2008-06-01 | KEG RIVER J2J |
| 0926 772237 | 2008-06-01 | KEG RIVER K2K |
| 0926 772238 | 2008-06-01 | KEG RIVER L2L |
| 0926 772239 | 2008-06-01 | KEG RIVER M2M |
| 0926 772240 | 2008-06-01 | KEG RIVER N2N |
| 0926 772241 | 2008-06-01 | KEG RIVER O2O |
| 0926 772242 | 2008-06-01 | KEG RIVER P2P |
| 0926 772243 | 2008-06-01 | KEG RIVER Q2Q |
| 0926 772244 | 2008-06-01 | KEG RIVER R2R |
| 0926 772245 | 2008-06-01 | KEG RIVER S2S |
| 0926 772246 | 2008-06-01 | KEG RIVER T2T |
| 0926 772247 | 2008-06-01 | KEG RIVER U2U |
| 0926 772248 | 2008-06-01 | KEG RIVER V2V |
| 0926 772249 | 2010-04-01 | KEG RIVER W2W |
| 0926 772250 | 2014-07-01 | KEG RIVER X2X |
| 0926 772251 | 2008-11-01 | KEG RIVER Y2Y |
| 0926 772252 | 2008-06-01 | KEG RIVER Z2Z |
| 0926 772301 | 2008-06-01 | KEG RIVER A3A |
| 0926 772302 | 2008-06-01 | KEG RIVER B3B |
| 0926 772303 | 2010-04-01 | KEG RIVER C3C |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|---------------|
| 0926 772304 | 2008-06-01 | KEG RIVER D3D |
| 0926 772305 | 2008-06-01 | KEG RIVER E3E |
| 0926 772306 | 2008-06-01 | KEG RIVER F3F |
| 0926 772307 | 2008-06-01 | KEG RIVER G3G |
| 0926 772308 | 2008-06-01 | KEG RIVER H3H |
| 0926 772309 | 2008-06-01 | KEG RIVER I3I |
| 0926 772310 | 2008-06-01 | KEG RIVER J3J |
| 0926 772311 | 2008-06-01 | KEG RIVER K3K |
| 0926 772312 | 2008-06-01 | KEG RIVER L3L |
| 0926 772313 | 2008-06-01 | KEG RIVER M3M |
| 0926 772314 | 2008-06-01 | KEG RIVER N3N |
| 0926 772315 | 2008-06-01 | KEG RIVER O3O |
| 0926 772316 | 2008-06-01 | KEG RIVER P3P |
| 0926 772317 | 2008-06-01 | KEG RIVER Q3Q |
| 0926 772318 | 2008-06-01 | KEG RIVER R3R |
| 0926 772319 | 2008-06-01 | KEG RIVER S3S |
| 0926 772320 | 2010-04-01 | KEG RIVER T3T |
| 0926 772321 | 2008-06-01 | KEG RIVER U3U |
| 0926 772322 | 2008-06-01 | KEG RIVER V3V |
| 0926 772323 | 2008-06-01 | KEG RIVER W3W |
| 0926 772324 | 2008-06-01 | KEG RIVER X3X |
| 0926 772325 | 2008-06-01 | KEG RIVER Y3Y |
| 0926 772326 | 2008-06-01 | KEG RIVER Z3Z |
| 0926 772327 | 2008-06-01 | KEG RIVER A4A |
| 0926 772328 | 2008-06-01 | KEG RIVER B4B |
| 0926 772329 | 2008-06-01 | KEG RIVER C4C |
| 0926 772330 | 2008-06-01 | KEG RIVER D4D |
| 0926 772331 | 2008-06-01 | KEG RIVER E4E |
| 0926 772332 | 2008-06-01 | KEG RIVER F4F |
| 0926 772333 | 2010-04-01 | KEG RIVER G4G |
| 0926 772334 | 2008-06-01 | KEG RIVER H4H |
| 0926 772335 | 2008-06-01 | KEG RIVER I4I |
| 0926 772336 | 2010-04-01 | KEG RIVER J4J |
| 0926 772337 | 2008-06-01 | KEG RIVER K4K |
| 0926 772338 | 2008-06-01 | KEG RIVER L4L |
| 0926 772339 | 2008-06-01 | KEG RIVER M4M |
| 0926 772340 | 2008-06-01 | KEG RIVER N4N |
| 0926 772341 | 2008-06-01 | KEG RIVER O4O |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|---------------|
| 0926 772342 | 2008-06-01 | KEG RIVER P4P |
| 0926 772343 | 2008-06-01 | KEG RIVER Q4Q |
| 0926 772344 | 2008-06-01 | KEG RIVER R4R |
| 0926 772345 | 2008-06-01 | KEG RIVER S4S |
| 0926 772348 | 2008-06-01 | KEG RIVER V4V |
| 0926 772349 | 2008-06-01 | KEG RIVER W4W |
| 0926 772350 | 2008-06-01 | KEG RIVER X4X |
| 0926 772351 | 2008-06-01 | KEG RIVER Y4Y |
| 0926 772352 | 2008-06-01 | KEG RIVER Z4Z |
| 0926 772401 | 2008-06-01 | KEG RIVER A5A |
| 0926 772402 | 2008-06-01 | KEG RIVER B5B |
| 0926 772403 | 2008-06-01 | KEG RIVER C5C |
| 0926 772404 | 2008-06-01 | KEG RIVER D5D |
| 0926 772405 | 2008-06-01 | KEG RIVER E5E |
| 0926 772406 | 2010-04-01 | KEG RIVER F5F |
| 0926 772407 | 2008-06-01 | KEG RIVER G5G |
| 0926 772408 | 2008-06-01 | KEG RIVER H5H |
| 0926 772409 | 2008-06-01 | KEG RIVER I5I |
| 0926 772410 | 2008-06-01 | KEG RIVER J5J |
| 0926 772411 | 2008-06-01 | KEG RIVER K5K |
| 0926 772412 | 2008-06-01 | KEG RIVER L5L |
| 0926 772413 | 2008-06-01 | KEG RIVER M5M |
| 0926 772414 | 2008-06-01 | KEG RIVER N5N |
| 0926 772415 | 2008-06-01 | KEG RIVER O5O |
| 0926 772416 | 2008-06-01 | KEG RIVER P5P |
| 0926 772417 | 2008-06-01 | KEG RIVER Q5Q |
| 0926 772418 | 2008-06-01 | KEG RIVER R5R |
| 0926 772419 | 2008-06-01 | KEG RIVER S5S |
| 0926 772420 | 2008-06-01 | KEG RIVER T5T |
| 0926 772421 | 2008-06-01 | KEG RIVER U5U |
| 0926 772422 | 2008-06-01 | KEG RIVER V5V |
| 0926 772423 | 2008-06-01 | KEG RIVER W5W |
| 0926 772424 | 2008-06-01 | KEG RIVER X5X |
| 0926 772425 | 2008-06-01 | KEG RIVER Y5Y |
| 0926 772426 | 2008-06-01 | KEG RIVER Z5Z |
| 0926 772427 | 2008-06-01 | KEG RIVER A6A |
| 0926 772428 | 2008-06-01 | KEG RIVER B6B |
| 0926 772429 | 2008-06-01 | KEG RIVER C6C |

POOL DESIGNATION (cont'd)

| | | |
|-------------|------------|---------------|
| 0926 772430 | 2008-06-01 | KEG RIVER D6D |
| 0926 772431 | 2008-06-01 | KEG RIVER E6E |
| 0926 772432 | 2008-06-01 | KEG RIVER F6F |
| 0926 772433 | 2008-06-01 | KEG RIVER G6G |
| 0926 772434 | 2008-06-01 | KEG RIVER H6H |
| 0926 772435 | 2008-06-01 | KEG RIVER I6I |
| 0926 772436 | 2008-06-01 | KEG RIVER J6J |
| 0926 772437 | 2008-06-01 | KEG RIVER K6K |
| 0926 772438 | 2008-06-01 | KEG RIVER L6L |
| 0926 772439 | 2008-06-01 | KEG RIVER M6M |
| 0926 772440 | 2008-06-01 | KEG RIVER N6N |
| 0926 772441 | 2008-06-01 | KEG RIVER O6O |
| 0926 772442 | 2008-06-01 | KEG RIVER P6P |
| 0926 772443 | 2008-06-01 | KEG RIVER Q6Q |
| 0926 772444 | 2008-06-01 | KEG RIVER R6R |
| 0926 772445 | 2008-06-01 | KEG RIVER S6S |
| 0926 772446 | 2008-06-01 | KEG RIVER T6T |
| 0926 772447 | 2008-06-01 | KEG RIVER U6U |
| 0926 772448 | 2010-04-01 | KEG RIVER V6V |
| 0926 772449 | 2008-06-01 | KEG RIVER W6W |
| 0926 772450 | 2008-06-01 | KEG RIVER X6X |
| 0926 772451 | 2008-06-01 | KEG RIVER Y6Y |
| 0926 772452 | 2008-06-01 | KEG RIVER Z6Z |
| 0926 772501 | 2008-06-01 | KEG RIVER A7A |
| 0926 772502 | 2009-03-01 | KEG RIVER B7B |
| 0926 772503 | 2009-04-01 | KEG RIVER C7C |
| 0926 772504 | 2009-03-01 | KEG RIVER D7D |
| 0926 772505 | 2010-04-01 | KEG RIVER E7E |
| 0926 772506 | 2013-07-01 | KEG RIVER F7F |
| 0926 772507 | 2013-07-01 | KEG RIVER G7G |
| 0926 772508 | 2013-07-01 | KEG RIVER H7H |
| 0926 772509 | 2013-07-01 | KEG RIVER I7I |
| 0926 772510 | 2015-05-01 | KEG RIVER J7J |

SPACING PATTERN

SU 2551 31 Jan 1996
SU 2551A 5 Feb 1997
SU 2551B 9 Feb 2005
SU 2551C 22 Nov 2006
SU 2551D 18 Oct 2007

COMMINGLED PRODUCTION

MU 6623 14 Jun 2007

ENHANCED RECOVERY SCHEMES

App 9954D 5 Feb 2018
Waterflood
Keg River W
Paramount Resources Ltd.

App 10305E 5 Feb 2018
Waterflood
Keg River TTT
Paramount Resources Ltd.

App 10331E 5 Feb 2018
Waterflood
Keg River D2D
Paramount Resources Ltd.

App 10375D 5 Feb 2018
Waterflood
Muskeg C
Paramount Resources Ltd.

App 10550D 5 Feb 2018
Waterflood
Keg River BBB
Paramount Resources Ltd.

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

App 12627A 3 Apr 2018
Waterflood
Keg River X2X
Cabot Energy Inc.

App 12660B 2 Apr 2018
Waterflood
Keg River L
Cabot Energy Inc.

SUBSURFACE DISPOSAL SCHEMES

App 10549B 8 Mar 2018
Class II
Paramount Resources Ltd.

App 11374B 8 Jun 2015
Class II
Bradley Oil & Gas Inc.

FIELD DESIGNATION

0983 2005-03-01 VOYAGER FIELD

POOL DESIGNATION

0983 176001 2001-02-01 CARDIUM A
0983 176002 2003-08-01 CARDIUM B

0983 226001 2001-02-01 MOUNTAIN PARK A

0983 348001 2011-02-01 CADOMIN A

0983 610001 2001-02-01 RUNDLE A
0983 610002 2001-02-01 RUNDLE B
0983 610003 2001-02-01 RUNDLE C
0983 610004 2010-04-01 RUNDLE D
0983 610005 2001-02-01 RUNDLE E
0983 610006 2010-04-01 RUNDLE F
0983 610007 2002-02-01 RUNDLE G
0983 610008 2002-11-01 RUNDLE H
0983 610009 2004-10-01 RUNDLE I
0983 610010 2010-04-01 RUNDLE J
0983 610011 2010-04-01 RUNDLE K
0983 610012 2007-10-01 RUNDLE L

0983 630006 2010-04-01 TURNER VALLEY F
0983 630007 2005-03-01 TURNER VALLEY G
0983 630008 2005-03-01 TURNER VALLEY H

0983 642001 2010-04-01 PEKISKO A

0983 658002 2010-04-01 WABAMUN B
0983 658003 2011-04-01 WABAMUN C

SPACING PATTERN

SU 2768 15 May 1996

MISCELLANEOUS ORDERS

suspended

FIELD DESIGNATION

0927 2011-03-01 VULCAN FIELD

POOL DESIGNATION

0927 106001 2010-04-01 EDMONTON A
0927 106002 2010-04-01 EDMONTON B

0927 118801 2007-10-01 LOWER EDMONTON A
0927 118802 2010-04-01 LOWER EDMONTON B
0927 118803 2010-04-01 LOWER EDMONTON C
0927 118804 2010-10-01 LOWER EDMONTON D
0927 118805 2010-10-01 LOWER EDMONTON E

0927 134001 2006-11-01 BASAL BELLY RIVER A
0927 134002 2010-04-01 BASAL BELLY RIVER B
0927 134004 2011-12-01 BASAL BELLY RIVER D

0927 158001 2010-04-01 MILK RIVER A
0927 158002 2009-11-01 MILK RIVER B

0927 213001 2001-02-01 BOW ISLAND A
0927 213002 2007-09-01 BOW ISLAND B
0927 213003 2008-05-01 BOW ISLAND C
0927 213004 2011-09-01 BOW ISLAND D

0927 250001 2001-02-01 UPPER MANNVILLE A
0927 250002 2005-10-01 UPPER MANNVILLE B

0927 320001 2005-10-01 BASAL MANNVILLE A
0927 320002 2001-02-01 BASAL MANNVILLE B
0927 320004 2003-02-01 BASAL MANNVILLE D
0927 320005 2003-03-01 BASAL MANNVILLE E
0927 320007 2006-12-01 BASAL MANNVILLE G
0927 320008 2006-07-01 BASAL MANNVILLE H
0927 320009 2013-03-01 BASAL MANNVILLE I
0927 320010 2007-10-01 BASAL MANNVILLE J

POOL DESIGNATION (cont'd)

0927 320011 2008-07-01 BASAL MANNVILLE K

0927 630003 2010-04-01 TURNER VALLEY C
0927 630004 2001-02-01 TURNER VALLEY D
0927 630005 2001-02-01 TURNER VALLEY E
0927 630006 2001-02-01 TURNER VALLEY F
0927 630007 2001-04-01 TURNER VALLEY G
0927 630008 2001-03-01 TURNER VALLEY H
0927 630009 2003-07-01 TURNER VALLEY I
0927 630010 2013-07-01 TURNER VALLEY J

0927 850600 2011-01-01 MFP8506 BELLY RIVER

0927 854300 2011-04-01 MFP8543 BSL BELLY RIV

SPACING PATTERN

SU 2550 7 Mar 1996

COMMINGLED PRODUCTION

MU 7889 30 May 2011