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**KAHNTAH FIELD**

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**February 2012**

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**FIELD DESIGNATION**

1125 2010-04-01                      KAHNTAH FIELD

**POOL DESIGNATION**

1125 304001 2001-12-01              BLUESKY A

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**KAKUT FIELD**  
**February 2012**

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**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 520001 2009-12-01 DOIG A

0323 520002 2011-12-01 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

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**POOL DESIGNATION (cont'd)**

0323 644007 2005-07-01	BANFF G
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

**COMMINGLED PRODUCTION**

MU 5827      18 Jul 2006

**ENHANCED RECOVERY SCHEMES**

App 7190G    18 Oct 2010  
Waterflood  
Charlie Lake B  
Galleon Energy Inc.

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**KAKWA FIELD**  
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**FIELD DESIGNATION**

0519 2012-02-01                      KAKWA FIELD

**POOL DESIGNATION**

0519 166001 2011-07-01            BADHEART A

0519 175001 2010-04-01            MAIN CARDIUM A  
0519 175005 2001-03-01            MAIN CARDIUM E  
0519 175006 2010-04-01            MAIN CARDIUM F  
0519 175007 2010-04-01            MAIN CARDIUM G  
0519 175008 2011-10-01            MAIN CARDIUM H  
0519 175009 2010-04-01            MAIN CARDIUM I  
0519 175010 2006-05-01            MAIN CARDIUM J  
0519 175011 2010-04-01            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 2007-08-01            MAIN CARDIUM T  
0519 175026 2009-10-01            MAIN CARDIUM Z  
0519 175028 2008-03-01            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 2010-04-01            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

**POOL DESIGNATION (cont'd)**

0519 175050 2011-12-01	MAIN CARDIUM XX
0519 175051 2011-02-01	MAIN CARDIUM YY
0519 175101 2011-01-01	A CARDIUM A
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 2010-04-01	C CARDIUM F
0519 175401 2011-08-01	MAIN CARDIUM AAA
0519 175402 2011-08-01	MAIN CARDIUM BBB
0519 175403 2011-09-01	MAIN CARDIUM CCC
0519 175404 2011-12-01	MAIN CARDIUM DDD
0519 175405 2011-12-01	MAIN CARDIUM EEE
0519 175406 2012-01-01	MAIN CARDIUM FFF
0519 175407 2012-01-01	MAIN CARDIUM GGG
0519 192002 2001-02-01	DUNVEGAN B
0519 192003 2001-08-01	DUNVEGAN C
0519 192005 2011-09-01	DUNVEGAN E
0519 192007 2003-04-01	DUNVEGAN G
0519 192010 2004-12-01	DUNVEGAN J
0519 192013 2006-04-01	DUNVEGAN M
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 2011-12-01	DUNVEGAN BB
0519 192029 2009-07-01	DUNVEGAN CC
0519 192030 2011-01-01	DUNVEGAN DD
0519 192032 2011-02-01	DUNVEGAN FF
0519 192033 2011-04-01	DUNVEGAN GG
0519 192034 2011-07-01	DUNVEGAN HH

**POOL DESIGNATION (cont'd)**

0519 192035 2011-12-01	DUNVEGAN II
0519 192037 2011-12-01	DUNVEGAN KK
0519 192038 2011-12-01	DUNVEGAN LL
0519 192039 2012-01-01	DUNVEGAN MM
0519 230001 2007-08-01	PADDY A
0519 230002 2011-09-01	PADDY B
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 2011-09-01	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 232019 2008-11-01	CADOTTE S
0519 232020 2010-04-01	CADOTTE T
0519 232021 2010-04-01	CADOTTE U
0519 232024 2010-04-01	CADOTTE X
0519 232038 2011-12-01	CADOTTE LL
0519 232039 2010-04-01	CADOTTE MM
0519 232042 2009-12-01	CADOTTE PP
0519 232043 2010-03-01	CADOTTE QQ
0519 232046 2011-01-01	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 2011-07-01	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 2011-12-01	CADOTTE EEE
0519 233206 2012-01-01	CADOTTE FFF
0519 264004 2010-11-01	SPIRIT RIVER D

**POOL DESIGNATION (cont'd)**

0519 266002 2010-04-01 NOTIKEWIN B  
0519 266004 2010-04-01 NOTIKEWIN D  
0519 266008 2010-04-01 NOTIKEWIN H  
0519 266011 2010-05-01 NOTIKEWIN K  
0519 266012 2010-10-01 NOTIKEWIN L  
0519 266013 2010-10-01 NOTIKEWIN M

0519 271504 2012-02-01 FALHER D  
0519 271510 2012-02-01 FALHER J  
0519 271542 2007-12-01 FALHER PP  
0519 273911 2011-10-01 FALHER KKK  
0519 273929 2011-12-01 FALHER C2C  
0519 273934 2011-07-01 FALHER H2H  
0519 273935 2012-01-01 FALHER I2I

0519 304003 2011-10-01 BLUESKY C  
0519 304004 2011-08-01 BLUESKY D  
0519 304005 2010-07-01 BLUESKY E  
0519 304007 2011-08-01 BLUESKY G  
0519 304011 2010-04-01 BLUESKY K  
0519 304015 2010-04-01 BLUESKY O  
0519 304016 2009-05-01 BLUESKY P  
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 2011-12-01 BLUESKY W  
0519 304024 2011-09-01 BLUESKY X  
0519 304025 2011-10-01 BLUESKY Y  
0519 304026 2011-10-01 BLUESKY Z  
0519 304027 2011-12-01 BLUESKY AA

0519 326002 2011-11-01 GETHING B  
0519 326004 2011-10-01 GETHING D  
0519 326010 2011-10-01 GETHING J  
0519 326012 2010-04-01 GETHING L  
0519 326035 2010-04-01 GETHING II  
0519 326036 2010-04-01 GETHING JJ

**POOL DESIGNATION (cont'd)**

0519 326039 2009-03-01	GETHING MM
0519 326041 2010-06-01	GETHING OO
0519 326044 2009-07-01	GETHING RR
0519 326045 2010-04-01	GETHING SS
0519 326046 2010-04-01	GETHING TT
0519 326050 2010-05-01	GETHING XX
0519 326051 2011-01-01	GETHING YY
0519 326602 2011-07-01	GETHING BBB
0519 326603 2011-12-01	GETHING CCC
0519 348001 2011-12-01	CADOMIN A
0519 348004 2010-04-01	CADOMIN D
0519 348006 2011-12-01	CADOMIN F
0519 348009 2011-12-01	CADOMIN I
0519 348014 2012-01-01	CADOMIN N
0519 348015 2012-02-01	CADOMIN O
0519 408002 2010-04-01	NIKANASSIN B
0519 408003 2009-12-01	NIKANASSIN C
0519 408004 2010-04-01	NIKANASSIN D
0519 408005 2010-04-01	NIKANASSIN E
0519 408007 2011-04-01	NIKANASSIN G
0519 408008 2011-09-01	NIKANASSIN H
0519 408009 2011-12-01	NIKANASSIN I
0519 516001 2006-02-01	HALFWAY A
0519 516002 2001-02-01	HALFWAY B
0519 524001 2011-10-01	MONTNEY A
0519 524002 2011-12-01	MONTNEY B
0519 524003 2011-12-01	MONTNEY C
0519 658001 2011-12-01	WABAMUN A
0519 658002 2001-03-01	WABAMUN B
0519 658004 2005-07-01	WABAMUN D
0519 658005 2005-08-01	WABAMUN E
0519 658006 2006-07-01	WABAMUN F
0519 658007 2009-06-01	WABAMUN G

**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 8242 29 Nov 2011

**ENHANCED RECOVERY SCHEMES**

App 6523 28 May 1991  
App 6523A 20 Jul 1992  
App 6523B 12 Jul 2002  
Other  
A Cardium A  
Rife Resources Ltd.

App 9035C 6 Jul 2006  
Other  
A Cardium A  
Husky Oil Operations Limited

App 10614 9 Nov 2006  
Other  
A Cardium A  
Husky Oil Operations Limited

**SUBSURFACE DISPOSAL SCHEMES**

App 10027 16 Sep 2004  
Class II  
Paramount Resources Ltd.

**FIELD DESIGNATION**

0515 2011-12-01            KARR FIELD

**POOL DESIGNATION**

0515 176001 2003-10-01    CARDIUM A

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 2007-05-01    DUNVEGAN D  
0515 192005 2006-06-01    DUNVEGAN E  
0515 192006 2001-02-01    DUNVEGAN F  
0515 192007 2011-02-01    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 2010-04-01    DUNVEGAN O  
0515 192016 2012-02-01    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 2005-03-01    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 2007-07-01    DUNVEGAN OO  
0515 192042 2007-07-01    DUNVEGAN PP  
0515 192043 2007-12-01    DUNVEGAN QQ

**POOL DESIGNATION (cont'd)**

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 2008-03-01	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 195802 2010-12-01	DUNVEGAN BBB
0515 195803 2011-12-01	DUNVEGAN CCC
0515 195804 2011-12-01	DUNVEGAN DDD
0515 230002 2010-12-01	PADDY B
0515 232001 2001-02-01	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
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 2006-04-01	FALHER B
0515 271503 2001-02-01	FALHER C
0515 271504 2010-06-01	FALHER D

**POOL DESIGNATION (cont'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 2010-04-01	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 271527 2011-09-01	FALHER AA
0515 271528 2010-11-01	FALHER BB
0515 304001 2011-09-01	BLUESKY A
0515 304005 2004-11-01	BLUESKY E
0515 304007 2010-04-01	BLUESKY G
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

**POOL DESIGNATION (cont'd)**

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 2010-04-01     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  
0515 348022 2011-11-01     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 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

**POOL DESIGNATION (cont'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 524001 2011-04-01 MONTNEY A  
0515 524002 2010-04-01 MONTNEY B  
0515 524003 2010-03-01 MONTNEY C  
0515 524004 2010-03-01 MONTNEY D  
0515 524007 2011-08-01 MONTNEY G  
0515 524008 2012-01-01 MONTNEY H  
0515 524009 2012-02-01 MONTNEY I

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  
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 8203 4 Nov 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 11655 7 Jul 2011  
Class II  
Paramount Resources Ltd.

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**FIELD DESIGNATION**

0513 2011-11-01            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 2001-11-01    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 2001-02-01    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	2005-04-01	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 2008-02-01	GETHING FFF
0513 326607 2008-12-01	GETHING GGG
0513 326608 2012-02-01	GETHING HHH
0513 432001 2001-02-01	ROCK CREEK A
0513 500001 2001-02-01	TRIASSIC A
0513 500002 2001-12-01	TRIASSIC B
0513 500003 2001-02-01	TRIASSIC C
0513 500004 2001-02-01	TRIASSIC D
0513 500005 2001-02-01	TRIASSIC E
0513 500006 2001-02-01	TRIASSIC F
0513 500007 2012-02-01	TRIASSIC G
0513 500010 2004-02-01	TRIASSIC J
0513 500011 2012-02-01	TRIASSIC K

**POOL DESIGNATION (cont'd)**

0513 612001 2005-02-01 DEBOLT A  
0513 658001 2001-02-01 WABAMUN A  
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  
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  
Beaverhill Lake C  
Paramount Resources Ltd.

**ENHANCED RECOVERY SCHEMES**

App 8047G 24 Feb 2010  
Waterflood  
Triassic B  
Trilogy Energy Ltd.

App 10042D 18 Jul 2008  
Waterflood  
Beaverhill Lake A  
Trilogy Energy Ltd.

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

App 11221A 1 Dec 2009  
Waterflood  
Beaverhill Lake A  
Fox Creek Petroleum Corp.

**SUBSURFACE DISPOSAL SCHEMES**

App 10530A 5 Jul 2011  
Class II  
Trilogy Resources Ltd.

App 11441C 9 Nov 2011  
III Acid Gas  
Trilogy Resources Ltd.

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**FIELD DESIGNATION**

0514 2011-09-01                    KAYBOB SOUTH FIELD

**POOL DESIGNATION**

0514 126001 2011-12-01        BELLY RIVER A

0514 176001 2001-03-01        CARDIUM A

0514 176002 2010-04-01        CARDIUM B

0514 176003 2009-03-01        CARDIUM C

0514 186001 2010-04-01        SECOND WHITE SPECKS A

0514 186002 2001-02-01        SECOND WHITE SPECKS B

0514 192001 2001-02-01        DUNVEGAN A

0514 192002 2010-04-01        DUNVEGAN B

0514 192005 2009-03-01        DUNVEGAN E

0514 192006 2009-03-01        DUNVEGAN F

0514 192008 2001-02-01        DUNVEGAN H

0514 192009 2003-12-01        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 2009-05-01        DUNVEGAN R

0514 192019 2010-04-01        DUNVEGAN S

0514 192020 2009-07-01        DUNVEGAN T

0514 192021 2011-01-01        DUNVEGAN U

0514 192022 2010-10-01        DUNVEGAN V

0514 192023 2011-02-01        DUNVEGAN W

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

**POOL DESIGNATION (cont'd)**

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 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

**POOL DESIGNATION (cont'd)**

0514 250037 2009-05-01	UPPER MANNVILLE KK
0514 250038 2011-03-01	UPPER MANNVILLE LL
0514 250039 2012-01-01	UPPER MANNVILLE MM
0514 266001 2006-09-01	NOTIKEWIN A
0514 266002 2010-04-01	NOTIKEWIN B
0514 266004 2011-12-01	NOTIKEWIN D
0514 266005 2003-02-01	NOTIKEWIN E
0514 266008 2011-12-01	NOTIKEWIN H
0514 266009 2011-06-01	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 2010-08-01	NOTIKEWIN KK
0514 266038 2011-11-01	NOTIKEWIN LL
0514 304001 2010-04-01	BLUESKY A
0514 304002 2011-12-01	BLUESKY B
0514 304003 2009-08-01	BLUESKY C
0514 304004 2010-04-01	BLUESKY D
0514 304006 2001-02-01	BLUESKY F
0514 304008 2001-02-01	BLUESKY H
0514 304012 2001-04-01	BLUESKY L
0514 304013 2011-09-01	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 304024 2001-02-01	BLUESKY X
0514 304029 2011-05-01	BLUESKY CC
0514 304031 2010-03-01	BLUESKY EE

**POOL DESIGNATION (cont'd)**

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 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 2001-02-01	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

**POOL DESIGNATION (cont'd)**

0514 326044 2001-02-01	GETHING RR
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 2012-02-01	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 2006-12-01	GETHING UUU
0514 326622 2012-02-01	GETHING VVV
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

**POOL DESIGNATION (cont'd)**

0514 327305 2003-01-01	GETHING E3E
0514 327310 2003-04-01	GETHING J3J
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 327321 2008-06-01	GETHING U3U
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 327809 2010-03-01	GETHING I5I
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 2010-03-01	GETHING V5V
0514 327823 2010-04-01	GETHING W5W
0514 327824 2010-10-01	GETHING X5X
0514 327825 2011-05-01	GETHING Y5Y

**POOL DESIGNATION (cont'd)**

0514 348006 2001-02-01	CADOMIN F
0514 348008 2001-02-01	CADOMIN H
0514 348016 2009-05-01	CADOMIN P
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 2010-04-01	NORDEGG D
0514 444005 2011-02-01	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 500001 2010-04-01	TRIASSIC A
0514 500002 2010-04-01	TRIASSIC B
0514 500004 2010-04-01	TRIASSIC D
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 640001 2001-02-01	SHUNDA A
0514 658001 2001-02-01	WABAMUN A
0514 680001 2001-02-01	BLUERIDGE A
0514 680002 2001-02-01	BLUERIDGE B

**POOL DESIGNATION (cont'd)**

0514 680003 2001-02-01 BLUERIDGE C  
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 720001 2001-07-01 LEDUC A  
  
0514 744001 2010-04-01 BEAVERHILL LAKE A  
  
0514 851700 2011-11-01 MFP8517 GETHING  
  
0514 858800 2012-02-01 MFP8588 MONTNEY

**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 8281 9 Jan 2011

**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 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 3679I 18 Aug 2008  
Waterflood  
Triassic A  
Penn West Petroleum Ltd.

App 4068I 8 Aug 2008  
Chemical  
Triassic A  
Penn West Petroleum Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 7719 7 Nov 1995  
Class Ib  
Chevron Canada Resources Limited

App 7839 16 Nov 1995  
Class II  
Amoco Canada Petroleum Company Ltd.

App 8104 18 Mar 1997  
Class Ib  
Amoco Canada Petroleum Company Ltd.

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

App 8140D 4 Oct 2011  
Class Ib  
CCS Corporation

App 10140A 20 Jul 2011  
Class II  
Taqa North Ltd.

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

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0518 2008-10-01                      KEHIWIN FIELD

**POOL DESIGNATION**

0518 218001 2005-12-01            VIKING A

0518 256002 2001-02-01            COLONY B  
0518 256003 2005-06-01            COLONY C  
0518 256004 2001-02-01            COLONY D  
0518 256005 2001-02-01            COLONY E  
0518 256006 2007-09-01            COLONY F  
0518 256007 2004-11-01            COLONY G  
0518 256008 2001-02-01            COLONY H  
0518 256011 2008-04-01            COLONY K  
0518 256012 2004-11-01            COLONY L  
0518 256013 2006-04-01            COLONY M  
0518 256014 2005-10-01            COLONY N  
0518 256015 2010-04-01            COLONY O  
0518 256016 2007-10-01            COLONY P  
0518 256017 2008-02-01            COLONY Q

0518 262001 2010-12-01            GRAND RAPIDS A  
0518 262004 2001-02-01            GRAND RAPIDS D  
0518 262005 2001-02-01            GRAND RAPIDS E  
0518 262006 2001-02-01            GRAND RAPIDS F  
0518 262007 2001-02-01            GRAND RAPIDS G  
0518 262008 2001-02-01            GRAND RAPIDS H  
0518 262009 2008-04-01            GRAND RAPIDS I  
0518 262010 2009-03-01            GRAND RAPIDS J  
0518 262011 2010-04-01            GRAND RAPIDS K  
0518 262012 2002-06-01            GRAND RAPIDS L  
0518 262013 2005-04-01            GRAND RAPIDS M  
0518 262014 2005-06-01            GRAND RAPIDS N  
0518 262015 2008-06-01            GRAND RAPIDS O  
0518 262016 2009-03-01            GRAND RAPIDS P  
0518 262017 2009-03-01            GRAND RAPIDS Q

**POOL DESIGNATION (cont'd)**

0518 262018 2009-03-01 GRAND RAPIDS R

0518 268001 2004-10-01 MCLAREN A

0518 268002 2007-07-01 MCLAREN B

0518 270001 2001-02-01 WASECA A

0518 270002 2001-11-01 WASECA B

0518 270003 2005-06-01 WASECA C

**SPACING PATTERN**

SU 2689 15 Mar 1996

For gas production in association with crude bitumen, see Oil Sands Areas, GB orders

**COMMINGLED PRODUCTION**

MU 4219 24 Mar 2005

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**FIELD DESIGNATION**

0520 2011-05-01                      KEHO FIELD

**POOL DESIGNATION**

0520 204001 2010-04-01      BARONS A  
0520 204002 2007-05-01      BARONS B  
0520 204003 2010-04-01      BARONS C  
0520 204004 2007-05-01      BARONS D  
0520 204005 2007-05-01      BARONS E  
0520 204006 2007-05-01      BARONS F  
0520 204007 2012-01-01      BARONS G

0520 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 2004-12-01      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  
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

**POOL DESIGNATION (cont'd)**

0520 250001 2009-09-01 UPPER MANNVILLE A  
0520 250002 2011-05-01 UPPER MANNVILLE B

0520 300001 2001-02-01 GLAUCONITIC A

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

0520 628001 2003-02-01 LIVINGSTONE A  
0520 628002 2003-02-01 LIVINGSTONE B  
0520 628003 2007-11-01 LIVINGSTONE C

0520 644001 2001-02-01 BANFF A

0520 658001 2011-12-01 WABAMUN A

**SPACING PATTERN**

SU 2397 15 Nov 1995

**COMMINGLED PRODUCTION**

MU 6626 21 Jun 2007

**ENHANCED RECOVERY SCHEMES**

App 7427C 10 Jan 2008  
Waterflood  
Barons A  
Rise Resources Corp.

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**FIELD DESIGNATION**

0522 2007-08-01                      KELSEY FIELD

**POOL DESIGNATION**

0522 126001 2001-02-01      BELLY RIVER A  
0522 126004 2007-08-01      BELLY RIVER D  
0522 126005 2001-02-01      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 126018 2003-10-01      BELLY RIVER R  
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 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 300005 2001-02-01	GLAUCONITIC E
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 2011-05-01	GLAUCONITIC Z
0522 310001 2001-02-01	LOWER MANNVILLE A
0522 310002 2010-04-01	LOWER MANNVILLE B
0522 310004 2001-02-01	LOWER MANNVILLE D
0522 310005 2001-02-01	LOWER MANNVILLE E
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

**POOL DESIGNATION (cont'd)**

0522 310011 2002-04-01 LOWER MANNVILLE K  
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 2001-12-01 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 2007-05-01 LOWER MANNVILLE DD  
0522 310031 2011-12-01 LOWER MANNVILLE EE  
0522 310032 2007-10-01 LOWER MANNVILLE FF  
0522 310033 2008-04-01 LOWER MANNVILLE GG  
0522 310035 2009-03-01 LOWER MANNVILLE II  
0522 310036 2009-07-01 LOWER MANNVILLE JJ

0522 853400 2010-06-01 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 8873H 5 Oct 2010  
Waterflood  
Lower Mannville K  
Sword Energy Inc.

**COMMINGLED PRODUCTION**

MU 385 29 Dec 1983

**SUBSURFACE DISPOSAL SCHEMES**

App 11152 17 Mar 2008  
Class II  
Sword Energy Inc.

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**FIELD DESIGNATION**

0523 2003-12-01            KENT FIELD

**POOL DESIGNATION**

0523 256001 2010-04-01    COLONY 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 256010 2003-12-01    COLONY J  
0523 256011 2003-07-01    COLONY K  
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 262014 2005-02-01    GRAND RAPIDS N

0523 270001 2001-02-01    WASECA A  
0523 270002 2003-01-01    WASECA B  
0523 270003 2005-03-01    WASECA C

0523 280001 2010-04-01    CLEARWATER A  
0523 280002 2002-12-01    CLEARWATER B

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**POOL DESIGNATION (cont'd)**

0523 280003 2002-04-01 CLEARWATER C  
0523 280004 2008-05-01 CLEARWATER D

**SPACING PATTERN**

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

**COMMINGLED PRODUCTION**

MU 5274 9 Feb 2006

**SUBSURFACE DISPOSAL SCHEMES**

App 10020 10 Sep 2004  
Class II  
Baytex Energy Ltd.

**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 2010-04-01        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

**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.

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

App 11206A 10 Feb 2011  
Waterflood  
Slave Point D  
Galleon Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 7033 19 Nov 1992  
Class II  
Canadian Roxy Petroleum Ltd.

App 7036 19 Nov 1992  
Class II  
Unocal Canada Limited

App 8446C 17 Aug 2011  
Class Ib  
PENGROWTH Energy Corporation

App 8547 24 Aug 1999  
Class II  
Northstar Energy Corporation

App 10932A 17 Aug 2011  
Class II  
PENGROWTH Energy Corporation

App 11052A 3 Jun 2009  
Class II  
Galleon Energy Inc.

**FIELD DESIGNATION**

0524 2011-08-01 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 2005-08-01 FISH SCALE C  
0524 202004 2011-01-01 FISH SCALE D  
0524 202005 2011-05-01 FISH SCALE E

0524 216002 2001-09-01 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 2012-02-01 UPPER VIKING S  
0524 216020 2011-12-01 UPPER VIKING T

**POOL DESIGNATION (cont'd)**

0524 218001 2011-07-01	VIKING A
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 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
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

**POOL DESIGNATION (cont'd)**

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
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

**POOL DESIGNATION (cont'd)**

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 268001 2004-01-01	MCLAREN A
0524 270001 2005-05-01	WASECA A
0524 276001 2001-02-01	SPARKY A
0524 276002 2007-10-01	SPARKY B
0524 276003 2002-09-01	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 2003-08-01	SPARKY M
0524 276014 2006-09-01	SPARKY N
0524 276015 2010-12-01	SPARKY O
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

**POOL DESIGNATION (cont'd)**

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 2010-11-01	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 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
0524 294008 2010-03-01	LLOYDMINSTER H
0524 294009 2011-06-01	LLOYDMINSTER I
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

**POOL DESIGNATION (cont'd)**

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
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

**POOL DESIGNATION (cont'd)**

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
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

**POOL DESIGNATION (cont'd)**

0524 300945 2011-06-01	GLAUCONITIC S2S
0524 302001 2001-02-01	CUMMINGS A
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 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
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

**POOL DESIGNATION (cont'd)**

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
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	2010-10-01	MFP8518 U&M VIKING

**SPACING PATTERN**

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

**COMMINGLED PRODUCTION**

MU 7019      8 Sep 2008

**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 5121      9 Dec 1986  
App 5121A     7 Mar 1990  
App 5121B     25 Oct 1991  
App 5121C     13 Feb 1992  
App 5121D     28 Oct 1993  
App 5121E     7 Sep 1995  
App 5121F     19 Mar 1998  
Class II  
Renaissance Energy Ltd.

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

App 8304      16 Mar 1998  
Class II  
Rhodie Petroleums Ltd.

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

App 8646      19 Jul 2000  
Class II  
PanCanadian Petroleum Limited

App 8681      11 Oct 2000  
Class II  
PanCanadian Petroleum Limited

App 8738B     5 Jan 2012  
Class II  
Crescent Point Energy Corp.

App 10770     16 Mar 2007  
Class II  
Hardisty Caverns Ltd.

**FIELD DESIGNATION**

0525 2008-09-01 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 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  
0525 250019 2001-02-01 UPPER MANNVILLE S  
0525 250020 2010-04-01 UPPER MANNVILLE T

**POOL DESIGNATION (cont'd)**

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
0525 250711	2001-02-01	UPPER MANNVILLE KKK
0525 250712	2004-08-01	UPPER MANNVILLE LLL

**POOL DESIGNATION (cont'd)**

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 2010-04-01	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 2010-04-01	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 2009-05-01	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
0525 251103 2010-04-01	UPPER MANNVILLE C3C
0525 251104 2011-10-01	UPPER MANNVILLE D3D

**POOL DESIGNATION (cont'd)**

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 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 2010-04-01 SPARKY H  
0525 276009 2001-02-01 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 286001 2003-12-01 GENERAL PETROLEUM A

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 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

**POOL DESIGNATION (cont'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	2012-02-01	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
0525 320036	2008-02-01	BASAL MANNVILLE JJ
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

**COMMINGLED PRODUCTION**

MU 7020      8 Sep 2008

**ENHANCED RECOVERY SCHEMES**

App 11356A   20 Sep 2011  
Waterflood  
Upper mannville F2F  
Barrick Energy Inc.

App 11369B   13 Oct 2011  
Waterflood  
Upper Mannville F2F  
Barrick Energy Inc.

App 11370B   13 Oct 2011  
Waterflood  
Upper Mannville F2F  
Barrick Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 5164A    1 Nov 2011  
Class II  
AltaGas Ltd.

App 9317      26 Feb 2003  
Class II  
Zargon Oil & Gas Ltd.

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

App 10585C   13 Oct 2011  
Class II  
Barrick Energy Inc.

**COMPULSORY POOLING**

P 236            17 Mar 2003  
Gas to base Mannville  
Section 33-45-13\$M  
Burlington Resources Canada Ltd.

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**FIELD DESIGNATION**

1132 2001-02-01            KIM FIELD

**POOL DESIGNATION**

1132 628001 2001-02-01    LIVINGSTONE A

1132 658001 2008-10-01    WABAMUN A

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**KIMIWAN FIELD**  
**February 2012**

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**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 8390      11 Sep 1998  
Class II  
Samson Canada, Inc.

**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 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

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**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 2010-01-01            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

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**FIELD DESIGNATION**

1334 2004-06-01                      KINUSO FIELD

**POOL DESIGNATION**

1334 765501 2008-12-01              GILWOOD A

**SPACING PATTERN**

SU 2400              16 Nov 1995

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**FIELD DESIGNATION**

1133 2003-06-01                      KIPP FIELD

**POOL DESIGNATION**

1133 658001 2001-11-01              WABAMUN A

1133 670001 2008-10-01              WINTERBURN A

**FIELD DESIGNATION**

0527 2011-02-01                      KIRBY FIELD

**POOL DESIGNATION**

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 2002-12-01            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 2010-04-01            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  
0527 250035 2010-04-01            UPPER MANNVILLE II  
0527 250036 2011-01-01            UPPER MANNVILLE JJ

**POOL DESIGNATION (cont'd)**

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 2010-04-01	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
0527 250748 2010-04-01	UPPER MANNVILLE V2V
0527 250749 2001-10-01	UPPER MANNVILLE W2W

**POOL DESIGNATION (cont'd)**

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 2003-08-01	UPPER MANNVILLE M3M
0527 251114 2003-08-01	UPPER MANNVILLE N3N
0527 251115 2004-02-01	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 2005-06-01	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 2004-01-01	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
0527 251145 2008-05-01	UPPER MANNVILLE S4S
0527 251146 2008-07-01	UPPER MANNVILLE T4T

**POOL DESIGNATION (cont'd)**

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 2010-06-01	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 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

**POOL DESIGNATION (cont'd)**

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

**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

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

App 8156A	23 Nov 2008
Class II	
Talisman Energy Inc.	

App 8775	9 Mar 2001
Class II	
Anderson Resources Ltd.	

**COMMINGLED PRODUCTION**

MU 7426	25 May 2010
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App 8858	1 Aug 2001
Class II	
BP Canada Energy Company	

**SUBSURFACE DISPOSAL SCHEMES**

App 3590	21 Jun 1982
Class II	
Petro-Canada Exploration Inc.	

App 9594A	22 Dec 2011
Class II	
Canadian Natural Resources Limited	

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**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 10669A 10 Feb 2010

Class Ib

Cenovus Energy Inc.

App 10894 28 May 2007

Class II

ISH Energy

**FIELD DESIGNATION**

0529 2005-05-01                      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 126015 2001-02-01            BELLY RIVER O  
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

**POOL DESIGNATION (cont'd)**

0529 218002 2010-04-01	VIKING B
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 256002 2010-04-01	COLONY B
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**

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

**COMMINGLED PRODUCTION**

MU 7225      24 Aug 2009

**SUBSURFACE DISPOSAL SCHEMES**

App 2078      6 Dec 1974  
Class II  
American Trading & Production  
Corporation

**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 2001-12-01    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 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

0530 310005 2010-04-01    LOWER MANNVILLE E

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**POOL DESIGNATION (cont'd)**

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

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**FIELD DESIGNATION**

0739 2010-10-01                      KITTY FIELD

**POOL DESIGNATION**

0739 758001 2005-10-01            SLAVE POINT A  
0739 758002 2001-02-01            SLAVE POINT B  
0739 758003 2001-02-01            SLAVE POINT C  
0739 758004 2001-02-01            SLAVE POINT D  
0739 758005 2010-07-01            SLAVE POINT E  
0739 758006 2001-02-01            SLAVE POINT F  
0739 758007 2001-02-01            SLAVE POINT G  
0739 758008 2001-02-01            SLAVE POINT H  
0739 758009 2001-02-01            SLAVE POINT I  
0739 758010 2001-02-01            SLAVE POINT J  
0739 758011 2004-02-01            SLAVE POINT K  
0739 758012 2008-10-01            SLAVE POINT L  
0739 758013 2011-06-01            SLAVE POINT M  
0739 758014 2011-08-01            SLAVE POINT N

0739 797501 2008-06-01            GRANITE WASH A  
0739 797502 2008-11-01            GRANITE WASH B  
0739 797503 2010-04-01            GRANITE WASH C  
0739 797504 2008-06-01            GRANITE WASH D  
0739 797505 2011-12-01            GRANITE WASH E  
0739 797507 2008-06-01            GRANITE WASH G  
0739 797508 2010-04-01            GRANITE WASH H  
0739 797509 2008-06-01            GRANITE WASH I  
0739 797510 2008-06-01            GRANITE WASH J  
0739 797511 2008-06-01            GRANITE WASH K  
0739 797512 2008-06-01            GRANITE WASH L  
0739 797513 2008-06-01            GRANITE WASH M  
0739 797514 2008-06-01            GRANITE WASH N  
0739 797515 2008-06-01            GRANITE WASH O  
0739 797516 2008-06-01            GRANITE WASH P

**SPACING PATTERN**

SU 2313      24 Aug 1995  
SU 2313A    5 Nov 1997  
SU 2313B    22 Nov 2000  
SU 2313C    25 Sep 2003

**SUBSURFACE DISPOSAL SCHEMES**

App 8055     17 Oct 1996  
Class II  
Archean Energy Ltd.

App 8731A    24 Aug 2011  
Class II  
Harvest Operations Corp.

**FIELD DESIGNATION**

0537 2009-10-01                      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 797501 2010-02-01      GRANITE WASH A

**SPACING PATTERN**

SU 2399            15 Nov 1995

**ENHANCED RECOVERY SCHEMES**

App 10827C    17 Aug 2011  
Waterflood  
Beaverhill Lake A  
Barrick Energy Inc.

App 10848F    16 Aug 2011  
Waterflood  
Beaverhill Lake A  
Harvest Operations Corp.

**SUBSURFACE DISPOSAL SCHEMES**

App 11675      16 Aug 2011  
Class II  
Harvest Operations Corp.

**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 428001 2001-02-01 SAWTOOTH A  
0534 428002 2003-08-01 SAWTOOTH B

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

**ENHANCED RECOVERY SCHEMES**

App 10612A 16 Dec 2010  
Waterflood  
Lower Mannville A  
Chinook Energy Inc.

**COMPULSORY POOLING**

P 229 17 Oct 2002  
Sunburst Gas  
Section 5-1-11W4M  
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**

App 8690      7 Nov 2000  
Class II  
Eravista Energy Corp.

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

App 10903A    2 May 2008  
Class II  
DHI Energy Inc.

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**February 2012**

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**COMPULSORY POOLING**

P 207            3 Jul 2001

Section 21-49-24W4M

Gas to base Mannville

Northstar Energy Corp.

**FIELD DESIGNATION**

0536 2011-06-01            KNOPCIK FIELD

**POOL DESIGNATION**

0536 190001 2001-02-01    DOE CREEK A  
0536 190002 2001-02-01    DOE CREEK B  
0536 190004 2010-04-01    DOE CREEK D

0536 192001 2010-04-01    DUNVEGAN A  
0536 192002 2010-04-01    DUNVEGAN B  
0536 192003 2006-10-01    DUNVEGAN C  
0536 192004 2008-11-01    DUNVEGAN D  
0536 192005 2009-05-01    DUNVEGAN E  
0536 192006 2011-06-01    DUNVEGAN F  
0536 192007 2011-06-01    DUNVEGAN G

0536 230001 2007-08-01    PADDY A  
0536 230002 2001-09-01    PADDY B  
0536 230003 2010-04-01    PADDY C  
0536 230005 2001-02-01    PADDY E  
0536 230006 2006-02-01    PADDY F  
0536 230007 2007-11-01    PADDY G

0536 266001 2010-04-01    NOTIKEWIN A  
0536 266002 2008-11-01    NOTIKEWIN B  
0536 266003 2011-06-01    NOTIKEWIN C

0536 271501 2010-04-01    FALHER A  
0536 271502 2006-01-01    FALHER B  
0536 271503 2001-04-01    FALHER C  
0536 271504 2007-01-01    FALHER D  
0536 271505 2007-07-01    FALHER E  
0536 271506 2011-06-01    FALHER F  
0536 271507 2011-06-01    FALHER G

0536 304001 2010-07-01    BLUESKY A

**POOL DESIGNATION (cont'd)**

0536 304002 2001-02-01	BLUESKY B
0536 304003 2001-02-01	BLUESKY C
0536 304004 2010-04-01	BLUESKY D
0536 304005 2010-04-01	BLUESKY E
0536 304006 2001-02-01	BLUESKY F
0536 304007 2010-04-01	BLUESKY G
0536 304008 2001-03-01	BLUESKY H
0536 304009 2004-09-01	BLUESKY I
0536 304011 2011-12-01	BLUESKY K
0536 304013 2007-06-01	BLUESKY M
0536 326001 2010-07-01	GETHING A
0536 326003 2010-07-01	GETHING C
0536 326004 2010-04-01	GETHING D
0536 326008 2001-02-01	GETHING H
0536 326010 2011-12-01	GETHING J
0536 326012 2011-12-01	GETHING L
0536 326013 2007-10-01	GETHING M
0536 326016 2010-07-01	GETHING P
0536 326018 2011-06-01	GETHING R
0536 408016 2009-04-01	NIKANASSIN P
0536 408019 2009-11-01	NIKANASSIN S
0536 408020 2009-11-01	NIKANASSIN T
0536 408021 2011-06-01	NIKANASSIN U
0536 432001 2008-07-01	ROCK CREEK A
0536 446002 2012-02-01	JURASSIC B
0536 506001 2002-02-01	BALDONNEL A
0536 506002 2003-02-01	BALDONNEL B
0536 506003 2003-02-01	BALDONNEL C
0536 508001 2010-04-01	CHARLIE LAKE A
0536 508002 2001-02-01	CHARLIE LAKE B
0536 508003 2001-02-01	CHARLIE LAKE C
0536 508004 2001-02-01	CHARLIE LAKE D

**POOL DESIGNATION (cont'd)**

0536 508005 2001-02-01 CHARLIE LAKE E  
0536 508006 2010-08-01 CHARLIE LAKE F  
0536 508007 2001-02-01 CHARLIE LAKE G  
0536 508008 2001-02-01 CHARLIE LAKE H  
0536 508009 2001-02-01 CHARLIE LAKE I  
0536 508011 2003-09-01 CHARLIE LAKE K  
0536 508012 2004-12-01 CHARLIE LAKE L  
0536 508013 2006-03-01 CHARLIE LAKE M  
0536 508014 2006-06-01 CHARLIE LAKE N  
0536 508015 2007-01-01 CHARLIE LAKE O  
0536 508016 2009-04-01 CHARLIE LAKE P  
0536 508017 2009-05-01 CHARLIE LAKE Q  
0536 508018 2009-10-01 CHARLIE LAKE R  
0536 508019 2010-02-01 CHARLIE LAKE S  
0536 508020 2011-06-01 CHARLIE LAKE T  
0536 508021 2011-06-01 CHARLIE LAKE U  
0536 508022 2011-06-01 CHARLIE LAKE V  
0536 508023 2011-12-01 CHARLIE LAKE W

0536 510001 2001-02-01 BOUNDARY A  
0536 510002 2010-04-01 BOUNDARY B  
0536 510003 2001-02-01 BOUNDARY C  
0536 510004 2010-04-01 BOUNDARY D  
0536 510005 2009-01-01 BOUNDARY E  
0536 510006 2006-11-01 BOUNDARY F

0536 516001 2001-02-01 HALFWAY A  
0536 516002 2001-02-01 HALFWAY B  
0536 516003 2010-04-01 HALFWAY C  
0536 516016 2008-06-01 HALFWAY P  
0536 516017 2003-09-01 HALFWAY Q  
0536 516018 2001-02-01 HALFWAY R  
0536 516019 2001-02-01 HALFWAY S  
0536 516020 2001-04-01 HALFWAY T  
0536 516021 2001-11-01 HALFWAY U  
0536 516024 2002-05-01 HALFWAY X  
0536 516025 2010-04-01 HALFWAY Y  
0536 516026 2002-08-01 HALFWAY Z

**POOL DESIGNATION (cont'd)**

0536 516027 2002-08-01      HALFWAY AA  
0536 516028 2003-01-01      HALFWAY BB  
0536 516029 2006-01-01      HALFWAY CC  
0536 516030 2004-09-01      HALFWAY DD  
0536 516031 2005-12-01      HALFWAY EE  
0536 516032 2006-07-01      HALFWAY FF  
0536 516033 2007-02-01      HALFWAY GG  
0536 516034 2007-07-01      HALFWAY HH  
0536 516035 2007-07-01      HALFWAY II  
0536 516036 2009-03-01      HALFWAY JJ  
0536 516037 2009-02-01      HALFWAY KK  
0536 516038 2010-04-01      HALFWAY LL  
0536 516039 2008-04-01      HALFWAY MM  
0536 516041 2008-09-01      HALFWAY OO  
0536 516042 2008-12-01      HALFWAY PP  
0536 516043 2009-02-01      HALFWAY QQ  
0536 516044 2009-10-01      HALFWAY RR  
0536 516045 2011-06-01      HALFWAY SS

0536 520002 2001-02-01      DOIG B  
0536 520003 2001-02-01      DOIG C  
0536 520005 2008-06-01      DOIG E  
0536 520006 2007-09-01      DOIG F  
0536 520007 2008-04-01      DOIG G  
0536 520008 2010-04-01      DOIG H  
0536 520009 2011-06-01      DOIG I

0536 524001 2010-04-01      MONTNEY A  
0536 524003 2001-02-01      MONTNEY C  
0536 524004 2002-02-01      MONTNEY D  
0536 524005 2006-08-01      MONTNEY E  
0536 524006 2007-02-01      MONTNEY F  
0536 524007 2007-02-01      MONTNEY G  
0536 524008 2007-02-01      MONTNEY H  
0536 524009 2009-08-01      MONTNEY I  
0536 524010 2010-01-01      MONTNEY J  
0536 524011 2009-11-01      MONTNEY K

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**POOL DESIGNATION (cont'd)**

0536 556001 2007-07-01 BELLOY A

0536 853000 2010-04-01 MFP8530 HALFWAY

**SPACING PATTERN**

SU 2184 25 May 1995

SU 2184A 14 Apr 1998

SU 2184B 20 May 2003

SU 2184C 15 Oct 2003

SU 2184D 12 Jan 2003

SU 2184E 17 Apr 2004

**MISCELLANEOUS ORDERS**

MISC 2009-27 18 Mar 2009

**COMMINGLED PRODUCTION**

MU 7970 21 Jul 2011

**ENHANCED RECOVERY SCHEMES**

App 10190B 13 Oct 2010

Waterflood

Charlie Lake L

Insignia Energy Ltd.

**FIELD DESIGNATION**

1135 2009-11-01                      KOTCHO FIELD

**POOL DESIGNATION**

1135 642001 2010-09-01      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