

**INDEX OF BOARD ORDERS**

**NAM**

**NAMPA FIELD**  
**February 2012**

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**FIELD DESIGNATION**

1180 2004-06-01                      NAMPA FIELD

**POOL DESIGNATION**

1180 797501 2008-12-01              GRANITE WASH A

**SPACING PATTERN**

SU 2453              24 Jan 1996

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February 2012****0655  
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**FIELD DESIGNATION**

0655 2012-01-01            NARRAWAY FIELD

**POOL DESIGNATION**

0655 176001 2001-02-01	CARDIUM A
0655 176002 2010-05-01	CARDIUM B
0655 192001 2010-04-01	DUNVEGAN A
0655 192003 2010-04-01	DUNVEGAN C
0655 192004 2010-07-01	DUNVEGAN D
0655 192009 2011-02-01	DUNVEGAN I
0655 192010 2011-03-01	DUNVEGAN J
0655 230001 2004-06-01	PADDY A
0655 230002 2011-11-01	PADDY B
0655 232001 2007-08-01	CADOTTE A
0655 232003 2010-04-01	CADOTTE C
0655 232005 2010-04-01	CADOTTE E
0655 232007 2003-01-01	CADOTTE G
0655 232009 2010-01-01	CADOTTE I
0655 232010 2005-03-01	CADOTTE J
0655 232011 2004-02-01	CADOTTE K
0655 232012 2005-03-01	CADOTTE L
0655 232013 2010-04-01	CADOTTE M
0655 232016 2011-11-01	CADOTTE P
0655 232018 2006-07-01	CADOTTE R
0655 232021 2007-12-01	CADOTTE U
0655 232022 2010-04-01	CADOTTE V
0655 232024 2011-02-01	CADOTTE X
0655 232025 2011-11-01	CADOTTE Y
0655 271501 2008-10-01	FALHER A
0655 271502 2010-04-01	FALHER B
0655 271503 2010-04-01	FALHER C
0655 271504 2004-06-01	FALHER D

**POOL DESIGNATION (cont'd)**

0655 271505 2011-10-01	FALHER E
0655 271506 2007-10-01	FALHER F
0655 271508 2003-05-01	FALHER H
0655 271509 2010-04-01	FALHER I
0655 271510 2003-07-01	FALHER J
0655 271511 2010-04-01	FALHER K
0655 271512 2011-11-01	FALHER L
0655 271513 2004-10-01	FALHER M
0655 271514 2006-06-01	FALHER N
0655 271515 2011-10-01	FALHER O
0655 271517 2011-11-01	FALHER Q
0655 271519 2011-02-01	FALHER S
0655 271520 2012-01-01	FALHER T
0655 326002 2011-02-01	GETHING B
0655 326005 2011-11-01	GETHING E
0655 326006 2010-04-01	GETHING F
0655 326008 2011-11-01	GETHING H
0655 326009 2011-12-01	GETHING I
0655 348001 2010-04-01	CADOMIN A
0655 348002 2011-11-01	CADOMIN B
0655 348013 2011-02-01	CADOMIN M
0655 348014 2011-10-01	CADOMIN N
0655 408001 2012-01-01	NIKANASSIN A
0655 408034 2009-09-01	NIKANASSIN HH
0655 408039 2010-04-01	NIKANASSIN MM
0655 408042 2011-10-01	NIKANASSIN PP
0655 444001 2010-04-01	NORDEGG A
0655 508001 2010-04-01	CHARLIE LAKE A
0655 508002 2010-04-01	CHARLIE LAKE B
0655 508003 2010-04-01	CHARLIE LAKE C
0655 508004 2010-04-01	CHARLIE LAKE D
0655 508005 2010-04-01	CHARLIE LAKE E
0655 508006 2010-04-01	CHARLIE LAKE F

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**POOL DESIGNATION (cont'd)**

0655 508007 2007-06-01 CHARLIE LAKE G  
0655 508008 2007-06-01 CHARLIE LAKE H  
0655 508009 2011-10-01 CHARLIE LAKE I

0655 516001 2010-04-01 HALFWAY A

0655 520001 2010-04-01 DOIG A  
0655 520002 2010-04-01 DOIG B  
0655 520003 2010-04-01 DOIG C

0655 556001 2003-10-01 BELLOY A  
0655 556003 2009-08-01 BELLOY C

0655 605001 2004-01-01 TAYLOR FLAT A  
0655 605002 2010-04-01 TAYLOR FLAT B  
0655 605003 2006-12-01 TAYLOR FLAT C  
0655 605004 2007-06-01 TAYLOR FLAT D  
0655 605005 2007-06-01 TAYLOR FLAT E  
0655 605006 2009-08-01 TAYLOR FLAT F

0655 612001 2010-04-01 DEBOLT A

**COMMINGLED PRODUCTION**

MU 7865 18 May 2011

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**NAY**

**NAYLOR FIELD**  
**February 2012**

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**FIELD DESIGNATION**

1184 2004-01-01                      NAYLOR FIELD

**POOL DESIGNATION**

1184 304001 2004-02-01            BLUESKY A

1184 644001 2003-09-01            BANFF A

1184 644002 2003-10-01            BANFF B

1184 644003 2004-02-01            BANFF C

**SPACING PATTERN**

SU 4037            19 Dec 2002

SU 4037A          22 Jan 2003

**FIELD DESIGNATION**

0633 2009-02-01 NEERLANDIA FIELD

**POOL DESIGNATION**

0633 218001 2001-02-01 VIKING A  
0633 218002 2001-02-01 VIKING B  
0633 218003 2004-08-01 VIKING C  
0633 218004 2002-05-01 VIKING D

0633 250001 2009-03-01 UPPER MANNVILLE A

0633 300001 2001-02-01 GLAUCONITIC A  
0633 300002 2001-02-01 GLAUCONITIC B  
0633 300003 2004-02-01 GLAUCONITIC C

0633 310001 2012-02-01 LOWER MANNVILLE A

0633 336001 2010-04-01 ELLERSLIE A  
0633 336002 2010-04-01 ELLERSLIE B  
0633 336004 2010-04-01 ELLERSLIE D  
0633 336005 2001-02-01 ELLERSLIE E  
0633 336006 2010-04-01 ELLERSLIE F  
0633 336007 2001-02-01 ELLERSLIE G  
0633 336008 2001-02-01 ELLERSLIE H  
0633 336009 2001-02-01 ELLERSLIE I  
0633 336010 2004-08-01 ELLERSLIE J  
0633 336011 2001-02-01 ELLERSLIE K  
0633 336012 2010-04-01 ELLERSLIE L  
0633 336013 2003-02-01 ELLERSLIE M  
0633 336014 2010-04-01 ELLERSLIE N  
0633 336015 2004-05-01 ELLERSLIE O  
0633 336016 2004-07-01 ELLERSLIE P  
0633 336017 2005-10-01 ELLERSLIE Q  
0633 336018 2007-08-01 ELLERSLIE R  
0633 336019 2010-12-01 ELLERSLIE S

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**NEERLANDIA FIELD**  
**February 2012**

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**POOL DESIGNATION (cont'd)**

0633 444001	2002-11-01	NORDEGG A
0633 444002	2003-02-01	NORDEGG B
0633 644001	2001-02-01	BANFF A
0633 644002	2001-02-01	BANFF B
0633 644003	2009-07-01	BANFF C
0633 961700	2010-05-01	MFP9617 CBM MEDR

**SPACING PATTERN**

SU 4101	2 Sep 2003
SU 4101A	10 Jun 2004
SU 4101B	26 Mar 2005
SU 4101C	13 Dec 2005
SU 4101D	8 Feb 2006
SU 4101E	28 Mar 2006
SU 4101F	27 Mar 2007
SU 4101G	26 Sep 2007
SU 4101H	18 Oct 2007

**COMMINGLED PRODUCTION**

MU 2024	13 Jul 2000
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**SUBSURFACE DISPOSAL SCHEMES**

App 11160D 7 Sep 2011  
Class II  
981405 Alberta Ltd.

**FIELD DESIGNATION**

0673 2008-07-01 NELSON FIELD

**POOL DESIGNATION**

0673 126001 2001-02-01 BELLY RIVER A  
0673 126002 2001-02-01 BELLY RIVER B  
0673 126003 2001-02-01 BELLY RIVER C  
0673 126004 2001-02-01 BELLY RIVER D  
0673 126006 2009-06-01 BELLY RIVER F  
0673 126008 2001-08-01 BELLY RIVER H  
0673 126009 2001-09-01 BELLY RIVER I  
0673 126010 2001-09-01 BELLY RIVER J  
0673 126011 2001-10-01 BELLY RIVER K  
0673 126012 2001-10-01 BELLY RIVER L  
0673 126013 2001-10-01 BELLY RIVER M  
0673 126014 2001-10-01 BELLY RIVER N  
0673 126015 2001-11-01 BELLY RIVER O  
0673 126018 2003-07-01 BELLY RIVER R  
0673 126019 2004-08-01 BELLY RIVER S  
0673 126020 2011-12-01 BELLY RIVER T  
0673 126023 2007-06-01 BELLY RIVER W

0673 134001 2010-04-01 BASAL BELLY RIVER A

0673 176001 2005-05-01 CARDIUM A  
0673 176002 2007-01-01 CARDIUM B  
0673 176003 2007-06-01 CARDIUM C  
0673 176004 2007-12-01 CARDIUM D

0673 218008 2001-02-01 VIKING H

0673 250002 2001-02-01 UPPER MANNVILLE B  
0673 250003 2001-02-01 UPPER MANNVILLE C  
0673 250004 2001-02-01 UPPER MANNVILLE D  
0673 250005 2001-02-01 UPPER MANNVILLE E  
0673 250008 2001-02-01 UPPER MANNVILLE H

**POOL DESIGNATION (cont'd)**

0673 250009	2001-02-01	UPPER MANNVILLE I
0673 250010	2001-03-01	UPPER MANNVILLE J
0673 250012	2001-09-01	UPPER MANNVILLE L
0673 250015	2002-11-01	UPPER MANNVILLE O
0673 250016	2002-12-01	UPPER MANNVILLE P
0673 250018	2004-05-01	UPPER MANNVILLE R
0673 250019	2004-08-01	UPPER MANNVILLE S
0673 250020	2008-02-01	UPPER MANNVILLE T
0673 250021	2008-02-01	UPPER MANNVILLE U
0673 250022	2010-01-01	UPPER MANNVILLE V
0673 250023	2008-09-01	UPPER MANNVILLE W
0673 250025	2009-07-01	UPPER MANNVILLE Y
0673 310002	2006-11-01	LOWER MANNVILLE B
0673 310004	2001-02-01	LOWER MANNVILLE D
0673 310005	2001-02-01	LOWER MANNVILLE E
0673 310006	2001-02-01	LOWER MANNVILLE F
0673 310007	2007-02-01	LOWER MANNVILLE G
0673 310008	2001-02-01	LOWER MANNVILLE H
0673 310010	2001-06-01	LOWER MANNVILLE J
0673 310011	2007-06-01	LOWER MANNVILLE K
0673 310012	2008-10-01	LOWER MANNVILLE L
0673 310013	2010-06-01	LOWER MANNVILLE M
0673 310014	2010-04-01	LOWER MANNVILLE N
0673 310015	2009-12-01	LOWER MANNVILLE O
0673 310016	2011-12-01	LOWER MANNVILLE P

**SPACING PATTERN**

SU 4213	10 Aug 2004
SU 4213A	12 Jan 2006
SU 4213B	12 Mar 2007

**SUBSURFACE DISPOSAL SCHEMES**

App 11105	22 Jan 2008
Class II	
Canadian Natural Resources Limited	

**COMMINGLED PRODUCTION**

MU 8139	24 Oct 2011
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**COMPULSORY POOLING**

P 191            13 Mar 2000  
P 191A          5 Feb 2001  
P 191B          19 Aug 2003  
Gas Section 30-45-25W4M  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

0634 2006-06-01                      NESTOW FIELD

**POOL DESIGNATION**

0634 186001 2001-02-01            SECOND WHITE SPECKS A

0634 186002 2008-05-01            SECOND WHITE SPECKS B

0634 218001 2010-04-01            VIKING A

0634 218002 2010-04-01            VIKING B

0634 250001 2010-04-01            UPPER MANNVILLE A

0634 250002 2008-05-01            UPPER MANNVILLE B

0634 250003 2010-04-01            UPPER MANNVILLE C

0634 250004 2003-02-01            UPPER MANNVILLE D

0634 250005 2001-02-01            UPPER MANNVILLE E

0634 250006 2001-02-01            UPPER MANNVILLE F

0634 250007 2001-02-01            UPPER MANNVILLE G

0634 250008 2001-02-01            UPPER MANNVILLE H

0634 250009 2003-03-01            UPPER MANNVILLE I

0634 250010 2001-02-01            UPPER MANNVILLE J

0634 250012 2010-04-01            UPPER MANNVILLE L

0634 250013 2010-04-01            UPPER MANNVILLE M

0634 250015 2001-02-01            UPPER MANNVILLE O

0634 250016 2008-05-01            UPPER MANNVILLE P

0634 250017 2001-02-01            UPPER MANNVILLE Q

0634 250018 2010-04-01            UPPER MANNVILLE R

0634 250019 2001-02-01            UPPER MANNVILLE S

0634 250020 2001-03-01            UPPER MANNVILLE T

0634 250021 2001-03-01            UPPER MANNVILLE U

0634 250022 2001-12-01            UPPER MANNVILLE V

0634 250023 2001-11-01            UPPER MANNVILLE W

0634 250024 2003-05-01            UPPER MANNVILLE X

0634 250025 2004-07-01            UPPER MANNVILLE Y

0634 250026 2004-10-01            UPPER MANNVILLE Z

0634 250027 2010-04-01            UPPER MANNVILLE AA

0634 250028 2010-04-01            UPPER MANNVILLE BB

**POOL DESIGNATION (cont'd)**

0634 250029 2010-04-01	UPPER MANNVILLE CC
0634 250030 2006-01-01	UPPER MANNVILLE DD
0634 250031 2006-08-01	UPPER MANNVILLE EE
0634 250032 2006-08-01	UPPER MANNVILLE FF
0634 250033 2007-02-01	UPPER MANNVILLE GG
0634 250034 2006-11-01	UPPER MANNVILLE HH
0634 250035 2007-06-01	UPPER MANNVILLE II
0634 250036 2007-06-01	UPPER MANNVILLE JJ
0634 250037 2007-10-01	UPPER MANNVILLE KK
0634 250038 2009-03-01	UPPER MANNVILLE LL
0634 250040 2009-11-01	UPPER MANNVILLE NN
0634 250041 2011-01-01	UPPER MANNVILLE OO
0634 310008 2001-02-01	LOWER MANNVILLE H
0634 310012 2001-02-01	LOWER MANNVILLE L
0634 310013 2001-02-01	LOWER MANNVILLE M
0634 310014 2001-11-01	LOWER MANNVILLE N
0634 310015 2001-02-01	LOWER MANNVILLE O
0634 310016 2010-04-01	LOWER MANNVILLE P
0634 310018 2001-02-01	LOWER MANNVILLE R
0634 310019 2001-02-01	LOWER MANNVILLE S
0634 310020 2004-01-01	LOWER MANNVILLE T
0634 310021 2010-04-01	LOWER MANNVILLE U
0634 310022 2001-02-01	LOWER MANNVILLE V
0634 310023 2001-02-01	LOWER MANNVILLE W
0634 310024 2001-02-01	LOWER MANNVILLE X
0634 310025 2004-08-01	LOWER MANNVILLE Y
0634 310026 2001-12-01	LOWER MANNVILLE Z
0634 310027 2001-11-01	LOWER MANNVILLE AA
0634 310028 2002-05-01	LOWER MANNVILLE BB
0634 310029 2007-06-01	LOWER MANNVILLE CC
0634 310030 2007-05-01	LOWER MANNVILLE DD
0634 310031 2007-06-01	LOWER MANNVILLE EE
0634 310032 2007-06-01	LOWER MANNVILLE FF
0634 310033 2007-06-01	LOWER MANNVILLE GG
0634 310034 2007-09-01	LOWER MANNVILLE HH
0634 310035 2007-09-01	LOWER MANNVILLE II
0634 310036 2008-01-01	LOWER MANNVILLE JJ

**POOL DESIGNATION (cont'd)**

0634 310037 2008-01-01 LOWER MANNVILLE KK  
0634 310038 2011-07-01 LOWER MANNVILLE LL

0634 658001 2001-02-01 WABAMUN A  
0634 658002 2008-05-01 WABAMUN B  
0634 658003 2001-02-01 WABAMUN C  
0634 658004 2001-02-01 WABAMUN D  
0634 658005 2006-01-01 WABAMUN E  
0634 658006 2007-09-01 WABAMUN F

**SPACING PATTERN**

SU 2700 7 Mar 1996

**COMMINGLED PRODUCTION**

MU 6445 12 Feb 2007

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**NETOOK FIELD**  
**February 2012**

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**FIELD DESIGNATION**

0726 2007-07-01            NETOOK FIELD

**POOL DESIGNATION**

0726 126001 2007-01-01    BELLY RIVER A  
0726 126002 2009-11-01    BELLY RIVER B

0726 176001 2010-04-01    CARDIUM A  
0726 176007 2007-12-01    CARDIUM G  
0726 176008 2010-04-01    CARDIUM H  
0726 176009 2007-12-01    CARDIUM I  
0726 176010 2007-12-01    CARDIUM J  
0726 176011 2008-06-01    CARDIUM K

0726 192001 2007-02-01    DUNVEGAN A  
0726 192002 2007-12-01    DUNVEGAN B

0726 232001 2007-07-01    CADOTTE A  
0726 232002 2010-04-01    CADOTTE B

0726 348001 2007-07-01    CADOMIN A

**SPACING PATTERN**

SU 4267            10 Jan 2005  
SU 4267A          27 Jul 2005  
SU 4267B          2 Oct 2006

**FIELD DESIGNATION**

0636 2010-12-01 NEVIS FIELD

**POOL DESIGNATION**

0636 106014 2007-03-01 EDMONTON N

0636 118806 2010-04-01 LOWER EDMONTON F

0636 118807 2008-02-01 LOWER EDMONTON G

0636 118808 2010-04-01 LOWER EDMONTON H

0636 118809 2010-07-01 LOWER EDMONTON I

0636 118810 2010-10-01 LOWER EDMONTON J

0636 126028 2011-01-01 BELLY RIVER BB

0636 126033 2002-10-01 BELLY RIVER GG

0636 126042 2010-09-01 BELLY RIVER PP

0636 126303 2010-02-01 BELLY RIVER CCC

0636 134001 2005-07-01 BASAL BELLY RIVER A

0636 134003 2005-07-01 BASAL BELLY RIVER C

0636 134004 2010-04-01 BASAL BELLY RIVER D

0636 134005 2005-07-01 BASAL BELLY RIVER E

0636 134006 2006-04-01 BASAL BELLY RIVER F

0636 134007 2010-09-01 BASAL BELLY RIVER G

0636 134009 2011-03-01 BASAL BELLY RIVER I

0636 134010 2011-12-01 BASAL BELLY RIVER J

0636 218001 2010-10-01 VIKING A

0636 218004 2001-02-01 VIKING D

0636 218005 2005-12-01 VIKING E

0636 218006 2008-11-01 VIKING F

0636 218007 2009-03-01 VIKING G

0636 244001 2001-02-01 BLAIRMORE A

0636 244002 2010-04-01 BLAIRMORE B

0636 244003 2010-04-01 BLAIRMORE C

0636 244004 2001-02-01 BLAIRMORE D

**POOL DESIGNATION (cont'd)**

0636 244005 2001-02-01	BLAIRMORE E
0636 244006 2001-02-01	BLAIRMORE F
0636 244007 2001-02-01	BLAIRMORE G
0636 244008 2001-02-01	BLAIRMORE H
0636 244009 2001-02-01	BLAIRMORE I
0636 250001 2010-04-01	UPPER MANNVILLE A
0636 250002 2001-02-01	UPPER MANNVILLE B
0636 250007 2001-02-01	UPPER MANNVILLE G
0636 250008 2010-04-01	UPPER MANNVILLE H
0636 250009 2001-02-01	UPPER MANNVILLE I
0636 250010 2001-02-01	UPPER MANNVILLE J
0636 250011 2010-04-01	UPPER MANNVILLE K
0636 250012 2008-07-01	UPPER MANNVILLE L
0636 250013 2001-02-01	UPPER MANNVILLE M
0636 250014 2001-02-01	UPPER MANNVILLE N
0636 250015 2003-10-01	UPPER MANNVILLE O
0636 250016 2001-02-01	UPPER MANNVILLE P
0636 250017 2001-02-01	UPPER MANNVILLE Q
0636 250018 2001-02-01	UPPER MANNVILLE R
0636 250019 2001-02-01	UPPER MANNVILLE S
0636 250020 2001-02-01	UPPER MANNVILLE T
0636 250021 2001-02-01	UPPER MANNVILLE U
0636 250022 2001-02-01	UPPER MANNVILLE V
0636 250023 2010-04-01	UPPER MANNVILLE W
0636 250024 2001-12-01	UPPER MANNVILLE X
0636 250025 2001-12-01	UPPER MANNVILLE Y
0636 250026 2002-02-01	UPPER MANNVILLE Z
0636 250027 2003-07-01	UPPER MANNVILLE AA
0636 250028 2003-07-01	UPPER MANNVILLE BB
0636 250029 2004-02-01	UPPER MANNVILLE CC
0636 250030 2004-02-01	UPPER MANNVILLE DD
0636 250031 2004-05-01	UPPER MANNVILLE EE
0636 250032 2004-05-01	UPPER MANNVILLE FF
0636 250033 2004-07-01	UPPER MANNVILLE GG
0636 250034 2010-04-01	UPPER MANNVILLE HH
0636 250035 2004-10-01	UPPER MANNVILLE II
0636 250036 2006-03-01	UPPER MANNVILLE JJ

**POOL DESIGNATION (cont'd)**

0636 250037 2005-09-01	UPPER MANNVILLE KK
0636 250038 2005-10-01	UPPER MANNVILLE LL
0636 250039 2006-01-01	UPPER MANNVILLE MM
0636 250040 2007-02-01	UPPER MANNVILLE NN
0636 250041 2008-10-01	UPPER MANNVILLE OO
0636 250042 2007-06-01	UPPER MANNVILLE PP
0636 250044 2008-09-01	UPPER MANNVILLE RR
0636 250045 2010-12-01	UPPER MANNVILLE SS
0636 310001 2001-02-01	LOWER MANNVILLE A
0636 310002 2001-02-01	LOWER MANNVILLE B
0636 310003 2002-10-01	LOWER MANNVILLE C
0636 310004 2001-02-01	LOWER MANNVILLE D
0636 310005 2001-02-01	LOWER MANNVILLE E
0636 310006 2001-02-01	LOWER MANNVILLE F
0636 310007 2002-10-01	LOWER MANNVILLE G
0636 310008 2001-02-01	LOWER MANNVILLE H
0636 310009 2001-02-01	LOWER MANNVILLE I
0636 310010 2003-02-01	LOWER MANNVILLE J
0636 310011 2006-01-01	LOWER MANNVILLE K
0636 310012 2010-04-01	LOWER MANNVILLE L
0636 310013 2001-02-01	LOWER MANNVILLE M
0636 310014 2004-01-01	LOWER MANNVILLE N
0636 310015 2002-02-01	LOWER MANNVILLE O
0636 310016 2001-02-01	LOWER MANNVILLE P
0636 310017 2001-02-01	LOWER MANNVILLE Q
0636 310018 2001-02-01	LOWER MANNVILLE R
0636 310019 2001-02-01	LOWER MANNVILLE S
0636 310020 2001-02-01	LOWER MANNVILLE T
0636 310021 2003-05-01	LOWER MANNVILLE U
0636 310022 2001-02-01	LOWER MANNVILLE V
0636 310023 2001-02-01	LOWER MANNVILLE W
0636 310024 2001-02-01	LOWER MANNVILLE X
0636 310026 2010-04-01	LOWER MANNVILLE Z
0636 310027 2001-02-01	LOWER MANNVILLE AA
0636 310028 2001-02-01	LOWER MANNVILLE BB
0636 310029 2001-02-01	LOWER MANNVILLE CC
0636 310030 2001-02-01	LOWER MANNVILLE DD

**POOL DESIGNATION (cont'd)**

0636 310031	2001-02-01	LOWER MANNVILLE EE
0636 310032	2001-02-01	LOWER MANNVILLE FF
0636 310033	2001-02-01	LOWER MANNVILLE GG
0636 310034	2001-02-01	LOWER MANNVILLE HH
0636 310035	2001-02-01	LOWER MANNVILLE II
0636 310036	2001-02-01	LOWER MANNVILLE JJ
0636 310037	2001-02-01	LOWER MANNVILLE KK
0636 310038	2001-02-01	LOWER MANNVILLE LL
0636 310039	2001-02-01	LOWER MANNVILLE MM
0636 310040	2001-02-01	LOWER MANNVILLE NN
0636 310041	2001-02-01	LOWER MANNVILLE OO
0636 310042	2001-02-01	LOWER MANNVILLE PP
0636 310043	2001-03-01	LOWER MANNVILLE QQ
0636 310044	2001-03-01	LOWER MANNVILLE RR
0636 310046	2002-06-01	LOWER MANNVILLE TT
0636 310047	2002-09-01	LOWER MANNVILLE UU
0636 310048	2002-09-01	LOWER MANNVILLE VV
0636 310049	2002-09-01	LOWER MANNVILLE WW
0636 310050	2003-09-01	LOWER MANNVILLE XX
0636 310051	2003-09-01	LOWER MANNVILLE YY
0636 310052	2003-10-01	LOWER MANNVILLE ZZ
0636 310101	2004-01-01	LOWER MANNVILLE AAA
0636 310102	2006-05-01	LOWER MANNVILLE BBB
0636 310103	2004-04-01	LOWER MANNVILLE CCC
0636 310104	2005-07-01	LOWER MANNVILLE DDD
0636 310105	2005-03-01	LOWER MANNVILLE EEE
0636 310106	2005-11-01	LOWER MANNVILLE FFF
0636 310107	2010-04-01	LOWER MANNVILLE GGG
0636 310108	2010-04-01	LOWER MANNVILLE HHH
0636 310110	2005-10-01	LOWER MANNVILLE JJJ
0636 310111	2006-09-01	LOWER MANNVILLE KKK
0636 310112	2006-09-01	LOWER MANNVILLE LLL
0636 310113	2007-07-01	LOWER MANNVILLE MMM
0636 310114	2006-08-01	LOWER MANNVILLE NNN
0636 310115	2007-02-01	LOWER MANNVILLE OOO
0636 310116	2008-12-01	LOWER MANNVILLE PPP
0636 310117	2007-07-01	LOWER MANNVILLE QQQ
0636 310118	2008-05-01	LOWER MANNVILLE RRR

**POOL DESIGNATION (cont'd)**

0636 310119 2008-12-01	LOWER MANNVILLE SSS
0636 310120 2008-08-01	LOWER MANNVILLE TTT
0636 310121 2008-12-01	LOWER MANNVILLE UUU
0636 310122 2009-03-01	LOWER MANNVILLE VVV
0636 310123 2009-02-01	LOWER MANNVILLE WWW
0636 310124 2009-04-01	LOWER MANNVILLE XXX
0636 310125 2009-05-01	LOWER MANNVILLE YYY
0636 310126 2009-06-01	LOWER MANNVILLE ZZZ
0636 310127 2010-08-01	LOWER MANNVILLE A2A
0636 650000 2011-06-01	DEVONIAN
0636 658001 2001-02-01	D-1 A
0636 658002 2001-04-01	D-1 B
0636 658003 2005-06-01	D-1 C
0636 658005 2005-05-01	D-1 E
0636 658008 2004-02-01	D-1 H
0636 658009 2004-02-01	D-1 I
0636 658010 2004-05-01	D-1 J
0636 658011 2004-08-01	D-1 K
0636 658012 2004-06-01	D-1 L
0636 658013 2004-06-01	D-1 M
0636 658014 2008-11-01	D-1 N
0636 658015 2004-08-01	D-1 O
0636 658016 2010-04-01	D-1 P
0636 658017 2010-12-01	D-1 Q
0636 658018 2005-02-01	D-1 R
0636 658019 2005-06-01	D-1 S
0636 658020 2005-07-01	D-1 T
0636 658021 2005-07-01	D-1 U
0636 658022 2005-07-01	D-1 V
0636 658023 2010-04-01	D-1 W
0636 658024 2006-03-01	D-1 X
0636 658025 2006-07-01	D-1 Y
0636 658026 2006-05-01	D-1 Z
0636 658027 2006-08-01	D-1 AA
0636 658028 2010-04-01	D-1 BB
0636 658030 2007-02-01	D-1 DD

**POOL DESIGNATION (cont'd)**

0636 658033 2007-08-01 D-1 GG  
0636 658036 2009-01-01 D-1 JJ  
0636 658037 2009-05-01 D-1 KK  
0636 658038 2009-10-01 D-1 LL  
0636 658039 2010-08-01 D-1 MM  
0636 658040 2011-03-01 D-1 NN  
0636 658041 2011-11-01 D-1 OO

0636 696001 2001-02-01 D-2 A  
0636 696002 2001-02-01 D-2 B  
0636 696003 2001-02-01 D-2 C  
0636 696004 2001-03-01 D-2 D  
0636 696005 2005-01-01 D-2 E

0636 720002 2010-04-01 D-3 B  
0636 720003 2001-02-01 D-3 C  
0636 720004 2001-02-01 D-3 D  
0636 720005 2001-02-01 D-3 E  
0636 720006 2010-04-01 D-3 F  
0636 720007 2010-04-01 D-3 G  
0636 720008 2001-02-01 D-3 H  
0636 720009 2001-02-01 D-3 I  
0636 720010 2001-02-01 D-3 J

0636 850900 2011-07-01 MFP8509 BELLY RIVER

0636 853700 2010-12-01 MFP8537 LWR EDMONTON

**SPACING PATTERN**

SU 4311 24 Mar 2006  
SU 4311A 21 Apr 2006  
SU 4311B 12 Jun 2006  
SU 4311C 4 Oct 2006  
SU 4311D 5 Sep 2007  
SU 4311E 21 Sep 2007

**COMMINGLED PRODUCTION**

MU 8263 6 Dec 2011

**GAS ALLOWABLE**

GA 322 1 Nov 1990

**ENHANCED RECOVERY SCHEMES**

App 11438B 13 Jul 2011  
Waterflood  
D-1 Q  
Longview Oil Corp.

**SUBSURFACE DISPOSAL SCHEMES**

App 5273 22 Apr 1987  
App 5273A 21 Aug 1987  
Class II  
Tripet Resources Limited

App 8499 23 Apr 1999  
Class II  
Canadian Natural Resources Limited

App 9541 2 Dec 2003  
Class Ib  
Duke Energy Field Services Canada Ltd.

App 9892 16 Jun 2004  
Class II  
Cequel Energy Inc.

App 10680 27 Sep 2006  
Class II  
Advantage Oil & Gas Ltd.

**COMPULSORY POOLING**

P 66 3 May 1984  
P 66A 27 Jul 1989  
Sec 27-40-22 W4M  
Gas production from all zones  
down to the base of the Belly  
River  
DeKalb Petroleum Corp.

**COMPULSORY POOLING (cont'd)**

P 87 31 Dec 1986  
P 87A 27 Jul 1989  
P 87B 1 Oct 2008  
Sec 36-39-23 W4M  
Gas production from  
Bears paw & Belly River  
Apache Canada Ltd.

P 88 21 Jan 1987  
Sec 19-38-22 W4M  
Gas prod. from Nisku & Camrose  
Tripet Resources Ltd.

P 136 12 Dec 1995  
Sec 31-39-22 W4M  
All zones to base of Mannville  
Apache Canada Ltd.

P 136A 3 Oct 2007  
Section 31-039-22W4M  
LSD'S 4,7 and 9  
Apache Canada Ltd.

P 383 13 Feb 2009  
Sec 07-041-22W4  
Gas from all zones to the base of the Belly  
River  
Just Freehold Energy Corp.

P 390 7 May 2009  
Sec 01-039-22W4M  
Gas from coals and sands from Edm.and  
Belly River Groups  
Canadian Natural Resources Limited

P 391 7 May 2009

**COMPULSORY POOLING (cont'd)**

P 391A            28 Jan 2010  
Sec 25-039-23W4M  
Gas from all zones to the base of the Belly  
River  
Just Freehold Energy Corp.

P 404            17 Dec 2009  
Sec 21-040-22W4M  
Gas from coals and sands from Edm.and  
Belly River Groups  
Canadian Natural Resources Limited

**FIELD DESIGNATION**

0641 2004-07-01           NEW NORWAY FIELD

**POOL DESIGNATION**

0641 106001 2004-11-01   EDMONTON A

0641 126002 2003-10-01   BELLY RIVER B  
0641 126003 2004-11-01   BELLY RIVER C  
0641 126004 2007-03-01   BELLY RIVER D  
0641 126005 2010-04-01   BELLY RIVER E  
0641 126006 2007-07-01   BELLY RIVER F  
0641 126007 2011-04-01   BELLY RIVER G  
0641 126008 2010-04-01   BELLY RIVER H  
0641 126009 2010-04-01   BELLY RIVER I  
0641 126010 2011-05-01   BELLY RIVER J

0641 134001 2011-11-01   BASAL BELLY RIVER A  
0641 134002 2010-04-01   BASAL BELLY RIVER B

0641 218001 2001-02-01   VIKING A

0641 250001 2010-11-01   UPPER MANNVILLE A

0641 300001 2001-02-01   GLAUCONITIC A

0641 316001 2008-07-01   OSTRACOD A

0641 336001 2001-02-01   ELLERSLIE A  
0641 336003 2001-02-01   ELLERSLIE C  
0641 336004 2010-04-01   ELLERSLIE D  
0641 336005 2001-02-01   ELLERSLIE E  
0641 336006 2010-04-01   ELLERSLIE F  
0641 336007 2001-02-01   ELLERSLIE G  
0641 336009 2001-02-01   ELLERSLIE I  
0641 336010 2001-02-01   ELLERSLIE J  
0641 336011 2006-08-01   ELLERSLIE K

**POOL DESIGNATION (cont'd)**

0641 336012 2007-07-01 ELLERSLIE L

0641 658001 2001-02-01 D-1 A

0641 696000 2010-04-01 D-2

0641 720000 2007-11-01 D-3

**SPACING PATTERN**

SU 2787 2 Oct 1996

SU 2787A 16 Jul 2004

SU 2787B 7 Sep 2005

SU 2787C 9 Jun 2006

**COMMINGLED PRODUCTION**

MU 8074 3 Oct 2011

**SUBSURFACE DISPOSAL SCHEMES**

App 8497 23 Apr 1999

App 8497A 26 Jan 2000

Class II

Canadian Natural Resources Limited

**COMPULSORY POOLING**

P 291 26 Oct 2005

Gas to base Belly River

Section 12-45-23W4M

MGV Energy Inc.

P 292 26 Oct 2005

Gas to base Ellerslie

Section 26-45-22W4M

MGV Energy Inc.

**FIELD DESIGNATION**

0639 2005-01-01                      NEWBROOK FIELD

**POOL DESIGNATION**

0639 250001 2001-02-01            UPPER MANNVILLE A  
0639 250003 2010-04-01            UPPER MANNVILLE C  
0639 250004 2004-12-01            UPPER MANNVILLE D  
0639 250005 2001-02-01            UPPER MANNVILLE E  
0639 250006 2001-02-01            UPPER MANNVILLE F  
0639 250008 2001-02-01            UPPER MANNVILLE H  
0639 250009 2005-12-01            UPPER MANNVILLE I  
0639 250010 2001-02-01            UPPER MANNVILLE J  
0639 250011 2001-02-01            UPPER MANNVILLE K  
0639 250012 2010-04-01            UPPER MANNVILLE L  
0639 250013 2001-02-01            UPPER MANNVILLE M  
0639 250014 2001-02-01            UPPER MANNVILLE N  
0639 250015 2001-02-01            UPPER MANNVILLE O  
0639 250017 2001-02-01            UPPER MANNVILLE Q  
0639 250018 2001-02-01            UPPER MANNVILLE R  
0639 250019 2001-02-01            UPPER MANNVILLE S  
0639 250020 2010-04-01            UPPER MANNVILLE T  
0639 250021 2011-11-01            UPPER MANNVILLE U  
0639 250022 2001-02-01            UPPER MANNVILLE V  
0639 250023 2001-02-01            UPPER MANNVILLE W  
0639 250024 2001-02-01            UPPER MANNVILLE X  
0639 250025 2001-02-01            UPPER MANNVILLE Y  
0639 250026 2010-04-01            UPPER MANNVILLE Z  
0639 250027 2001-02-01            UPPER MANNVILLE AA  
0639 250028 2001-02-01            UPPER MANNVILLE BB  
0639 250029 2001-02-01            UPPER MANNVILLE CC  
0639 250030 2001-02-01            UPPER MANNVILLE DD  
0639 250031 2001-02-01            UPPER MANNVILLE EE  
0639 250032 2001-02-01            UPPER MANNVILLE FF  
0639 250033 2001-02-01            UPPER MANNVILLE GG  
0639 250034 2001-02-01            UPPER MANNVILLE HH  
0639 250035 2001-02-01            UPPER MANNVILLE II

**POOL DESIGNATION (cont'd)**

0639 250036	2001-02-01	UPPER MANNVILLE JJ
0639 250037	2001-02-01	UPPER MANNVILLE KK
0639 250038	2001-02-01	UPPER MANNVILLE LL
0639 250039	2001-02-01	UPPER MANNVILLE MM
0639 250040	2001-02-01	UPPER MANNVILLE NN
0639 250041	2001-02-01	UPPER MANNVILLE OO
0639 250042	2004-09-01	UPPER MANNVILLE PP
0639 250043	2001-02-01	UPPER MANNVILLE QQ
0639 250044	2001-02-01	UPPER MANNVILLE RR
0639 250045	2001-02-01	UPPER MANNVILLE SS
0639 250046	2001-02-01	UPPER MANNVILLE TT
0639 250047	2001-02-01	UPPER MANNVILLE UU
0639 250048	2001-02-01	UPPER MANNVILLE VV
0639 250049	2001-02-01	UPPER MANNVILLE WW
0639 250050	2001-02-01	UPPER MANNVILLE XX
0639 250051	2001-02-01	UPPER MANNVILLE YY
0639 250052	2009-02-01	UPPER MANNVILLE ZZ
0639 250701	2001-03-01	UPPER MANNVILLE AAA
0639 250702	2004-09-01	UPPER MANNVILLE BBB
0639 250703	2002-01-01	UPPER MANNVILLE CCC
0639 250704	2003-07-01	UPPER MANNVILLE DDD
0639 250705	2003-09-01	UPPER MANNVILLE EEE
0639 250706	2004-02-01	UPPER MANNVILLE FFF
0639 250707	2004-06-01	UPPER MANNVILLE GGG
0639 250708	2005-03-01	UPPER MANNVILLE HHH
0639 250709	2005-03-01	UPPER MANNVILLE III
0639 250710	2005-03-01	UPPER MANNVILLE JJJ
0639 250711	2005-11-01	UPPER MANNVILLE KKK
0639 250712	2007-09-01	UPPER MANNVILLE LLL
0639 250714	2008-10-01	UPPER MANNVILLE NNN
0639 250715	2007-09-01	UPPER MANNVILLE OOO
0639 250716	2007-09-01	UPPER MANNVILLE PPP
0639 250717	2007-09-01	UPPER MANNVILLE QQQ
0639 250718	2010-04-01	UPPER MANNVILLE RRR
0639 250719	2011-01-01	UPPER MANNVILLE SSS
0639 250720	2011-02-01	UPPER MANNVILLE TTT
0639 310001	2001-02-01	LOWER MANNVILLE A

**POOL DESIGNATION (cont'd)**

0639 310002 2001-02-01 LOWER MANNVILLE B  
0639 310004 2001-02-01 LOWER MANNVILLE D  
0639 310005 2008-09-01 LOWER MANNVILLE E

0639 658005 2010-04-01 WABAMUN E  
0639 658007 2010-04-01 WABAMUN G  
0639 658008 2001-02-01 WABAMUN H  
0639 658009 2001-02-01 WABAMUN I  
0639 658010 2001-02-01 WABAMUN J  
0639 658011 2002-06-01 WABAMUN K  
0639 658012 2011-09-01 WABAMUN L  
0639 658013 2006-09-01 WABAMUN M  
0639 658014 2006-07-01 WABAMUN N

0639 696001 2001-02-01 NISKU A  
0639 696003 2002-02-01 NISKU C

**COMMINGLED PRODUCTION**

MU 5267 9 Feb 2006

**SUBSURFACE DISPOSAL SCHEMES**

App 8380 10 Aug 1998  
Class II  
Orion Energy Holdings Inc.

App 8465 4 Jan 1999  
Class II  
Grey Wolf Exploration Inc.

**FIELD DESIGNATION**

0640 2008-08-01                      NEWBY FIELD

**POOL DESIGNATION**

0640 262001 2009-05-01            GRAND RAPIDS A  
0640 262002 2007-03-01            GRAND RAPIDS B

0640 280001 2001-02-01            CLEARWATER A  
0640 280002 2001-02-01            CLEARWATER B  
0640 280003 2010-04-01            CLEARWATER C  
0640 280004 2001-02-01            CLEARWATER D  
0640 280005 2001-02-01            CLEARWATER E  
0640 280006 2001-02-01            CLEARWATER F  
0640 280007 2001-02-01            CLEARWATER G  
0640 280008 2001-02-01            CLEARWATER H  
0640 280009 2010-04-01            CLEARWATER I  
0640 280010 2001-02-01            CLEARWATER J  
0640 280011 2005-05-01            CLEARWATER K  
0640 280012 2005-05-01            CLEARWATER L  
0640 280013 2001-03-01            CLEARWATER M  
0640 280014 2001-09-01            CLEARWATER N  
0640 280015 2008-07-01            CLEARWATER O  
0640 280016 2002-11-01            CLEARWATER P  
0640 280017 2007-09-01            CLEARWATER Q  
0640 280018 2011-07-01            CLEARWATER R  
0640 280019 2003-06-01            CLEARWATER S  
0640 280020 2011-02-01            CLEARWATER T  
0640 280021 2010-04-01            CLEARWATER U  
0640 280023 2005-05-01            CLEARWATER W  
0640 280024 2005-05-01            CLEARWATER X  
0640 280025 2005-07-01            CLEARWATER Y  
0640 280026 2005-07-01            CLEARWATER Z  
0640 280027 2005-10-01            CLEARWATER AA  
0640 280028 2010-04-01            CLEARWATER BB  
0640 280029 2007-06-01            CLEARWATER CC  
0640 280030 2007-03-01            CLEARWATER DD

**POOL DESIGNATION (cont'd)**

0640 280031 2007-03-01	CLEARWATER EE
0640 280032 2008-08-01	CLEARWATER FF
0640 280033 2008-08-01	CLEARWATER GG
0640 280034 2008-07-01	CLEARWATER HH
0640 280039 2007-09-01	CLEARWATER MM
0640 280040 2007-12-01	CLEARWATER NN
0640 280041 2008-05-01	CLEARWATER OO
0640 280042 2008-05-01	CLEARWATER PP
0640 306001 2003-12-01	WABISKAW A
0640 306006 2001-03-01	WABISKAW F
0640 306007 2001-03-01	WABISKAW G
0640 306014 2003-12-01	WABISKAW N
0640 306018 2010-04-01	WABISKAW R
0640 306019 2010-04-01	WABISKAW S
0640 306020 2004-05-01	WABISKAW T
0640 306022 2004-02-01	WABISKAW V
0640 306023 2003-12-01	WABISKAW W
0640 306024 2004-03-01	WABISKAW X
0640 306025 2003-12-01	WABISKAW Y
0640 306026 2003-12-01	WABISKAW Z
0640 306027 2010-04-01	WABISKAW AA
0640 306028 2003-12-01	WABISKAW BB
0640 306029 2010-04-01	WABISKAW CC
0640 306030 2011-07-01	WABISKAW DD
0640 306031 2004-01-01	WABISKAW EE
0640 306032 2004-03-01	WABISKAW FF
0640 306033 2004-01-01	WABISKAW GG
0640 306201 2007-10-01	WABISKAW-MCMURRAY A
0640 306205 2001-02-01	WABISKAW-MCMURRAY E
0640 306206 2004-01-01	WABISKAW-MCMURRAY F
0640 306207 2010-04-01	WABISKAW-MCMURRAY G
0640 306208 2010-04-01	WABISKAW-MCMURRAY H
0640 306209 2004-01-01	WABISKAW-MCMURRAY I
0640 306210 2010-04-01	WABISKAW-MCMURRAY J
0640 306211 2004-01-01	WABISKAW-MCMURRAY K

**POOL DESIGNATION (cont'd)**

0640 328002 2010-04-01	MCMURRAY B
0640 328004 2010-04-01	MCMURRAY D
0640 328006 2010-04-01	MCMURRAY F
0640 328007 2001-02-01	MCMURRAY G
0640 328010 2010-04-01	MCMURRAY J
0640 328011 2010-04-01	MCMURRAY K
0640 328012 2006-02-01	MCMURRAY L
0640 328015 2004-08-01	MCMURRAY O
0640 328016 2004-03-01	MCMURRAY P
0640 328017 2001-02-01	MCMURRAY Q
0640 328019 2001-02-01	MCMURRAY S
0640 328022 2010-04-01	MCMURRAY V
0640 328026 2010-04-01	MCMURRAY Z
0640 328028 2010-04-01	MCMURRAY BB
0640 328029 2001-02-01	MCMURRAY CC
0640 328030 2001-02-01	MCMURRAY DD
0640 328031 2001-02-01	MCMURRAY EE
0640 328034 2001-02-01	MCMURRAY HH
0640 328035 2001-02-01	MCMURRAY II
0640 328036 2002-10-01	MCMURRAY JJ
0640 328037 2001-02-01	MCMURRAY KK
0640 328039 2001-02-01	MCMURRAY MM
0640 328041 2010-04-01	MCMURRAY OO
0640 328044 2001-02-01	MCMURRAY RR
0640 328046 2004-01-01	MCMURRAY TT
0640 328050 2001-03-01	MCMURRAY XX
0640 328051 2001-03-01	MCMURRAY YY
0640 328052 2001-03-01	MCMURRAY ZZ
0640 328605 2010-04-01	MCMURRAY EEE
0640 328609 2010-04-01	MCMURRAY III
0640 328620 2003-12-01	MCMURRAY TTT
0640 328624 2004-01-01	MCMURRAY XXX
0640 328625 2004-01-01	MCMURRAY YYY
0640 328626 2010-04-01	MCMURRAY ZZZ
0640 328627 2004-01-01	MCMURRAY A2A
0640 328628 2004-01-01	MCMURRAY B2B
0640 328629 2004-01-01	MCMURRAY C2C
0640 328630 2010-04-01	MCMURRAY D2D

**POOL DESIGNATION (cont'd)**

0640 328631	2004-01-01	MCMURRAY E2E
0640 328633	2004-01-01	MCMURRAY G2G
0640 328634	2004-01-01	MCMURRAY H2H
0640 328635	2004-01-01	MCMURRAY I2I
0640 328636	2004-01-01	MCMURRAY J2J
0640 328637	2004-08-01	MCMURRAY K2K
0640 328638	2004-01-01	MCMURRAY L2L
0640 328639	2004-01-01	MCMURRAY M2M
0640 328640	2006-03-01	MCMURRAY N2N

**SPACING PATTERN**

SU 2680      3 Apr 1996

**COMMINGLED PRODUCTION**

MU 7073      4 Nov 2008

**SUBSURFACE DISPOSAL SCHEMES**

App 7094      26 Jan 1993  
Class II  
Paramount Resources Ltd.

App 9537      6 Aug 2003  
Class II  
Canadian Natural Resources Limited

App 9590      16 Sep 2003  
Class II  
Canadian Natural Resources Limited

App 10023     28 Sep 2004  
App 10023A   2 May 2007  
App 10023B   24 Sep 2007  
App 10023C   28 Jan 2008  
Class Ib  
Nexen Inc.

**FIELD DESIGNATION**

0642 2011-10-01           NEWELL FIELD

**POOL DESIGNATION**

0642 213001 2002-05-01   BOW ISLAND A  
0642 213002 2005-03-01   BOW ISLAND B  
0642 213003 2006-01-01   BOW ISLAND C  
0642 213004 2007-03-01   BOW ISLAND D  
0642 213005 2007-03-01   BOW ISLAND E  
0642 213006 2007-09-01   BOW ISLAND F  
0642 213007 2008-05-01   BOW ISLAND G  
0642 213008 2010-04-01   BOW ISLAND H  
0642 213009 2010-06-01   BOW ISLAND I  
0642 213010 2010-07-01   BOW ISLAND J  
0642 213011 2010-09-01   BOW ISLAND K

0642 218001 2001-03-01   VIKING A  
0642 218002 2005-05-01   VIKING B  
0642 218003 2010-04-01   VIKING C

0642 242001 2006-01-01   BASAL COLORADO A  
0642 242002 2006-01-01   BASAL COLORADO B

0642 250001 2001-02-01   UPPER MANNVILLE A  
0642 250002 2003-06-01   UPPER MANNVILLE B  
0642 250003 2003-05-01   UPPER MANNVILLE C  
0642 250004 2003-06-01   UPPER MANNVILLE D  
0642 250006 2003-06-01   UPPER MANNVILLE F  
0642 250007 2003-09-01   UPPER MANNVILLE G  
0642 250008 2004-02-01   UPPER MANNVILLE H  
0642 250009 2005-03-01   UPPER MANNVILLE I  
0642 250010 2005-02-01   UPPER MANNVILLE J  
0642 250011 2005-06-01   UPPER MANNVILLE K  
0642 250012 2006-04-01   UPPER MANNVILLE L  
0642 250013 2007-01-01   UPPER MANNVILLE M  
0642 250014 2006-01-01   UPPER MANNVILLE N

**POOL DESIGNATION (cont'd)**

0642 250015	2006-05-01	UPPER MANNVILLE O
0642 250016	2006-05-01	UPPER MANNVILLE P
0642 250017	2006-07-01	UPPER MANNVILLE Q
0642 250018	2006-09-01	UPPER MANNVILLE R
0642 250019	2008-04-01	UPPER MANNVILLE S
0642 250020	2008-05-01	UPPER MANNVILLE T
0642 250021	2010-01-01	UPPER MANNVILLE U
0642 250022	2010-04-01	UPPER MANNVILLE V
0642 250023	2011-10-01	UPPER MANNVILLE W
0642 250024	2011-10-01	UPPER MANNVILLE X
0642 310001	2001-02-01	LOWER MANNVILLE A
0642 310002	2001-02-01	LOWER MANNVILLE B
0642 310003	2004-01-01	LOWER MANNVILLE C
0642 310004	2010-04-01	LOWER MANNVILLE D
0642 310005	2010-02-01	LOWER MANNVILLE E
0642 850100	2011-10-01	MFP8501 MILK RIVER
0642 850200	2011-10-01	MFP8502 MED HAT
0642 850500	2011-10-01	MFP8505 2WS
0642 854700	2011-10-01	MFP8547 BSL BELLY RIV
0642 855000	2011-10-01	MFP8550 BELLY RIVER

**SPACING PATTERN**

SU 4114	14 Oct 2003
SU 4114A	12 Jan 2004
SU 4114B	10 Aug 2004
SU 4114C	28 Sep 2004
SU 4114D	17 Jan 2005
SU 4114E	5 Apr 2005
SU 4114F	24 May 2005
SU 4114G	27 Oct 2005
SU 4114H	24 May 2007
SU 4114I	11 Jun 2007

**COMMINGLED PRODUCTION**

MU 7553	5 Oct 2010
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**FIELD DESIGNATION**

0643 2009-04-01                      NEWTON FIELD

**POOL DESIGNATION**

0643 126001 2003-07-01            BELLY RIVER A

0643 218001 2001-02-01            VIKING A

0643 218002 2012-01-01            VIKING B

0643 250001 2010-04-01            UPPER MANNVILLE A

0643 250002 2001-02-01            UPPER MANNVILLE B

0643 250003 2003-09-01            UPPER MANNVILLE C

0643 250004 2008-11-01            UPPER MANNVILLE D

0643 250005 2010-11-01            UPPER MANNVILLE E

0643 250006 2009-08-01            UPPER MANNVILLE F

0643 250007 2009-10-01            UPPER MANNVILLE G

0643 310001 2001-02-01            LOWER MANNVILLE A

0643 310002 2001-02-01            LOWER MANNVILLE B

0643 310003 2010-04-01            LOWER MANNVILLE C

0643 310004 2012-01-01            LOWER MANNVILLE D

0643 310007 2009-01-01            LOWER MANNVILLE G

0643 310008 2005-12-01            LOWER MANNVILLE H

0643 310009 2009-01-01            LOWER MANNVILLE I

0643 310010 2009-01-01            LOWER MANNVILLE J

0643 310011 2009-06-01            LOWER MANNVILLE K

0643 310012 2009-10-01            LOWER MANNVILLE L

0643 310013 2009-11-01            LOWER MANNVILLE M

0643 310014 2009-05-01            LOWER MANNVILLE N

0643 310015 2009-08-01            LOWER MANNVILLE O

0643 310016 2009-11-01            LOWER MANNVILLE P

0643 351001 2010-10-01            DETRITAL-BANFF A

0643 644001 2010-06-01            BANFF A

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**COMMINGLED PRODUCTION**

MU 6493      27 Feb 2007

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**FIELD DESIGNATION**

1186 2001-10-01                      NINA FIELD

**POOL DESIGNATION**

1186 305001 2007-10-01      BLUESKY-GETHING A  
1186 305002 2007-09-01      BLUESKY-GETHING B

**SPACING PATTERN**

SU 3077              29 Nov 2001

**SUBSURFACE DISPOSAL SCHEMES**

App 9420              9 Apr 2003  
Class II  
Baytex Energy Ltd.

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**FIELD DESIGNATION**

1187 2001-02-01                      NINASTOKO FIELD

**POOL DESIGNATION**

1187 610001 2001-02-01              RUNDLE A

1187 644001 2001-10-01              BANFF A

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**FIELD DESIGNATION**

0652 2010-11-01                      NIPIN FIELD

**POOL DESIGNATION**

0652 262001 2010-04-01            GRAND RAPIDS A  
0652 262002 2010-11-01            GRAND RAPIDS B  
0652 262003 2010-11-01            GRAND RAPIDS C

0652 328001 2002-02-01            MCMURRAY A  
0652 328002 2002-11-01            MCMURRAY B  
0652 328003 2004-06-01            MCMURRAY C

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**FIELD DESIGNATION**

0644 2009-12-01 NIPISI FIELD

**POOL DESIGNATION**

0644 262001 2009-12-01 GRAND RAPIDS A

0644 280001 2010-09-01 CLEARWATER A  
0644 280002 2010-09-01 CLEARWATER B  
0644 280004 2009-03-01 CLEARWATER D  
0644 280005 2009-03-01 CLEARWATER E

0644 758001 2001-03-01 SLAVE POINT A  
0644 758002 2001-02-01 SLAVE POINT B  
0644 758003 2004-08-01 SLAVE POINT C  
0644 758004 2011-08-01 SLAVE POINT D  
0644 758005 2001-02-01 SLAVE POINT E

0644 765501 2011-09-01 GILWOOD A  
0644 765503 2010-04-01 GILWOOD C  
0644 765505 2008-06-01 GILWOOD E  
0644 765507 2010-04-01 GILWOOD G  
0644 765508 2010-04-01 GILWOOD H  
0644 765509 2010-04-01 GILWOOD I  
0644 765510 2012-01-01 GILWOOD J  
0644 765511 2008-06-01 GILWOOD K  
0644 765512 2008-06-01 GILWOOD L  
0644 765513 2008-06-01 GILWOOD M  
0644 765514 2008-06-01 GILWOOD N  
0644 765515 2008-06-01 GILWOOD O  
0644 765516 2011-09-01 GILWOOD P

0644 773501 2010-04-01 KEG RIVER SAND A  
0644 773505 2010-04-01 KEG RIVER SAND E  
0644 773506 2008-05-01 KEG RIVER SAND F  
0644 773507 2008-05-01 KEG RIVER SAND G  
0644 773508 2008-05-01 KEG RIVER SAND H

**POOL DESIGNATION (cont'd)**

0644 773509 2008-05-01 KEG RIVER SAND I  
 0644 773510 2008-05-01 KEG RIVER SAND J  
 0644 773511 2008-05-01 KEG RIVER SAND K  
 0644 773512 2008-05-01 KEG RIVER SAND L  
 0644 773513 2008-05-01 KEG RIVER SAND M  
 0644 773514 2008-05-01 KEG RIVER SAND N  
 0644 773515 2008-05-01 KEG RIVER SAND O  
 0644 773516 2008-05-01 KEG RIVER SAND P  
 0644 773521 2008-05-01 KEG RIVER SAND U  
 0644 773522 2008-05-01 KEG RIVER SAND V  
 0644 773523 2011-04-01 KEG RIVER SAND W

**SPACING PATTERN**

SU 2994 21 Aug 2000  
 SU 2994A 25 Jun 2004

**COMMINGLED PRODUCTION**

MU 2049 15 Aug 2000

**ENHANCED RECOVERY SCHEMES**

App 9868 20 May 2004  
 Waterflood  
 Gilwood A  
 Pengrowth Corporation

App 9956J 25 Oct 2011  
 Chemical  
 Gilwood A  
 Canadian Natural Resources Limited

App 10947A 21 Sep 2011  
 Waterflood  
 Gilwood A  
 Penn West Petroleum Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 4735 28 Nov 1985  
 App 4735A 28 Feb 1986  
 App 4735B 3 Aug 2000  
 Class II  
 Canadian Natural Resources Limited

App 4864 9 Apr 1986  
 App 4864A 8 Aug 1995  
 App 4864B 3 Aug 2000  
 Class II  
 Canadian Natural Resources Limited

App 5120 22 Oct 1987  
 App 5120A 23 Apr 1999  
 Class II  
 Canadian Natural Resources Limited

App 7599 10 Nov 1994  
 Class II  
 Rangex Resources Ltd.

App 8582 20 Dec 1999  
 Class II  
 Kispiox Resources Ltd.

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**SUBSURFACE DISPOSAL SCHEMES**

**(cont'd)**

App 9028A 7 Apr 2011

Class II

Surge Energy Inc.

App 10314 1 Jun 2005

Class II

Pengrowth Corporation

App 11210B 8 Sep 2011

Class II

Conserve Oil & Gas No. II Corporation

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**FIELD DESIGNATION**

0650 2011-10-01                      NITON FIELD

**POOL DESIGNATION**

0650 106001 2010-04-01            EDMONTON A  
0650 106002 2008-05-01            EDMONTON B

0650 176001 2001-02-01            CARDIUM A  
0650 176002 2001-02-01            CARDIUM B  
0650 176003 2010-04-01            CARDIUM C  
0650 176004 2001-02-01            CARDIUM D  
0650 176005 2001-02-01            CARDIUM E  
0650 176006 2003-08-01            CARDIUM F  
0650 176007 2001-02-01            CARDIUM G  
0650 176008 2001-02-01            CARDIUM H  
0650 176009 2001-02-01            CARDIUM I  
0650 176010 2001-02-01            CARDIUM J  
0650 176011 2010-04-01            CARDIUM K  
0650 176012 2001-02-01            CARDIUM L  
0650 176013 2001-05-01            CARDIUM M  
0650 176014 2002-10-01            CARDIUM N  
0650 176016 2006-11-01            CARDIUM P  
0650 176017 2008-10-01            CARDIUM Q

0650 250002 2007-07-01            UPPER MANNVILLE B  
0650 250003 2007-10-01            UPPER MANNVILLE C  
0650 250004 2008-11-01            UPPER MANNVILLE D  
0650 250006 2008-05-01            UPPER MANNVILLE F  
0650 250007 2009-01-01            UPPER MANNVILLE G  
0650 250008 2009-01-01            UPPER MANNVILLE H  
0650 250009 2009-10-01            UPPER MANNVILLE I  
0650 250010 2009-11-01            UPPER MANNVILLE J

0650 310002 2009-03-01            LOWER MANNVILLE B

0650 334001 2011-04-01            BASAL QUARTZ A

**POOL DESIGNATION (cont'd)**

0650 334003 2001-02-01	BASAL QUARTZ C
0650 334005 2001-02-01	BASAL QUARTZ E
0650 334007 2001-02-01	BASAL QUARTZ G
0650 334009 2001-02-01	BASAL QUARTZ I
0650 334010 2001-02-01	BASAL QUARTZ J
0650 334011 2001-02-01	BASAL QUARTZ K
0650 334014 2001-02-01	BASAL QUARTZ N
0650 334016 2001-02-01	BASAL QUARTZ P
0650 334017 2001-02-01	BASAL QUARTZ Q
0650 334018 2001-03-01	BASAL QUARTZ R
0650 334019 2002-03-01	BASAL QUARTZ S
0650 334020 2002-03-01	BASAL QUARTZ T
0650 334021 2003-07-01	BASAL QUARTZ U
0650 334022 2003-09-01	BASAL QUARTZ V
0650 334023 2004-08-01	BASAL QUARTZ W
0650 334024 2004-10-01	BASAL QUARTZ X
0650 334025 2005-07-01	BASAL QUARTZ Y
0650 334027 2005-05-01	BASAL QUARTZ AA
0650 334030 2008-10-01	BASAL QUARTZ DD
0650 334031 2011-10-01	BASAL QUARTZ EE
0650 432001 2010-04-01	ROCK CREEK A
0650 432002 2001-02-01	ROCK CREEK B
0650 432006 2011-04-01	ROCK CREEK F
0650 432007 2001-02-01	ROCK CREEK G
0650 432008 2010-04-01	ROCK CREEK H
0650 432009 2001-02-01	ROCK CREEK I
0650 432010 2001-02-01	ROCK CREEK J
0650 432011 2001-02-01	ROCK CREEK K
0650 432012 2001-02-01	ROCK CREEK L
0650 432013 2001-02-01	ROCK CREEK M
0650 432014 2001-02-01	ROCK CREEK N
0650 432015 2001-02-01	ROCK CREEK O
0650 432016 2001-02-01	ROCK CREEK P
0650 432017 2011-04-01	ROCK CREEK Q
0650 432021 2003-10-01	ROCK CREEK U
0650 432022 2004-05-01	ROCK CREEK V

**POOL DESIGNATION (cont'd)**

0650 432023 2006-10-01    ROCK CREEK W  
0650 432024 2006-04-01    ROCK CREEK X

**SPACING PATTERN**

SU 2452        12 Dec 1995  
SU 2452A      2 Dec 1999  
SU 2452B      16 Feb 2000  
SU 2452C      12 May 2000  
SU 2452D      1 Jun 2005  
SU 2452E      7 Feb 2006

For gas production in association

**COMMINGLED PRODUCTION**

MU 3561       17 Jun 2004

**ENHANCED RECOVERY SCHEMES**

App 9768      4 Mar 2004  
Waterflood  
Rock Creek F  
ConocoPhillips Canada Resources Corp.

App 10137A    14 Oct 2010  
Waterflood  
Rock Creek N  
Mosaic Energy Ltd.

App 11061A    5 Sep 2008  
Waterflood  
Rock Creek W  
Crocotta Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 8290      3 Mar 1998  
App 8290A     6 Apr 2000  
Class Ib  
Anadime Processing & Disposal Inc.

**COMPULSORY POOLING**

P 172          3 Nov 1998  
P 172A        24 Feb 2009  
Sec 9-55-13 W5M  
Getting gas  
Penn West Petroleum Ltd.  
with crude bitumen see Oil Sands  
Areas, G.B. Orders.

**FIELD DESIGNATION**

0651 2005-02-01            NIXON FIELD

**POOL DESIGNATION**

0651 218001 2008-07-01    VIKING A

0651 262001 2001-02-01    GRAND RAPIDS A  
0651 262002 2001-02-01    GRAND RAPIDS B  
0651 262003 2001-02-01    GRAND RAPIDS C  
0651 262004 2005-02-01    GRAND RAPIDS D  
0651 262005 2001-03-01    GRAND RAPIDS E  
0651 262007 2007-03-01    GRAND RAPIDS G  
0651 262008 2009-02-01    GRAND RAPIDS H

0651 280001 2001-02-01    CLEARWATER A  
0651 280002 2001-02-01    CLEARWATER B  
0651 280003 2011-01-01    CLEARWATER C  
0651 280004 2011-01-01    CLEARWATER D

0651 310005 2011-08-01    LOWER MANNVILLE E  
0651 310010 2010-04-01    LOWER MANNVILLE J  
0651 310013 2004-08-01    LOWER MANNVILLE M  
0651 310014 2001-02-01    LOWER MANNVILLE N  
0651 310016 2010-04-01    LOWER MANNVILLE P  
0651 310017 2004-09-01    LOWER MANNVILLE Q  
0651 310018 2010-04-01    LOWER MANNVILLE R  
0651 310019 2004-09-01    LOWER MANNVILLE S  
0651 310020 2005-11-01    LOWER MANNVILLE T  
0651 310021 2008-04-01    LOWER MANNVILLE U  
0651 310022 2010-04-01    LOWER MANNVILLE V  
0651 310023 2008-04-01    LOWER MANNVILLE W  
0651 310024 2008-04-01    LOWER MANNVILLE X  
0651 310025 2010-08-01    LOWER MANNVILLE Y  
0651 310026 2008-07-01    LOWER MANNVILLE Z  
0651 310027 2008-07-01    LOWER MANNVILLE AA

**POOL DESIGNATION (cont'd)**

0651 310028 2009-02-01 LOWER MANNVILLE BB

0651 716001 2010-04-01 GROSMONT A

**SPACING PATTERN**

SU 3084 10 Jan 2002

**COMMINGLED PRODUCTION**

MU 6436 9 Feb 2007

**SUBSURFACE DISPOSAL SCHEMES**

App 3671 10 Nov 1982

App 3671A 29 Aug 1983

App 3671B 25 May 1984

Class II

Bow Valley Industries Ltd.

App 9455C 18 Jan 2012

Class II

Canadian Natural Resources Limited

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**FIELD DESIGNATION**

1189 2004-06-01                      NOLAND FIELD

**POOL DESIGNATION**

1189 644001 2008-11-01              BANFF A

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**FIELD DESIGNATION**

0653 2001-02-01            NORDEGG FIELD

**POOL DESIGNATION**

0653 500001 2010-04-01    TRIASSIC A

0653 610001 2010-04-01    RUNDLE A

**SPACING PATTERN**

SU 4082            2 Jun 2003

**COMMINGLED PRODUCTION**

MU 228            10 Nov 1978

**FIELD DESIGNATION**

0654 2008-03-01            NORMANDVILLE FIELD

**POOL DESIGNATION**

0654 230001 2002-02-01    PADDY A

0654 264001 2001-02-01    SPIRIT RIVER A

0654 264002 2001-02-01    SPIRIT RIVER B

0654 264003 2001-02-01    SPIRIT RIVER C

0654 304001 2001-02-01    BLUESKY A

0654 304002 2001-02-01    BLUESKY B

0654 304003 2002-05-01    BLUESKY C

0654 326001 2001-02-01    GETHING A

0654 446001 2001-02-01    JURASSIC A

0654 524001 2001-02-01    MONTNEY A

0654 524002 2011-12-01    MONTNEY B

0654 524003 2001-02-01    MONTNEY C

0654 524004 2009-10-01    MONTNEY D

0654 524005 2012-01-01    MONTNEY E

0654 524006 2001-03-01    MONTNEY F

0654 524007 2001-12-01    MONTNEY G

0654 524008 2002-07-01    MONTNEY H

0654 524009 2009-06-01    MONTNEY I

0654 524011 2006-11-01    MONTNEY K

0654 524012 2010-04-01    MONTNEY L

0654 524013 2006-11-01    MONTNEY M

0654 524014 2010-04-01    MONTNEY N

0654 524015 2007-06-01    MONTNEY O

0654 524016 2011-12-01    MONTNEY P

0654 524018 2009-02-01    MONTNEY R

0654 524019 2009-03-01    MONTNEY S

0654 524020 2011-08-01    MONTNEY T

**POOL DESIGNATION (cont'd)**

0654 556001	2001-10-01	BELLOY A
0654 556002	2001-10-01	BELLOY B
0654 600001	2011-02-01	MISSISSIPPIAN A
0654 600002	2010-11-01	MISSISSIPPIAN B
0654 600003	2004-11-01	MISSISSIPPIAN C
0654 600004	2004-11-01	MISSISSIPPIAN D
0654 600005	2010-07-01	MISSISSIPPIAN E
0654 600006	2010-04-01	MISSISSIPPIAN F
0654 600008	2001-02-01	MISSISSIPPIAN H
0654 600009	2001-02-01	MISSISSIPPIAN I
0654 600010	2005-04-01	MISSISSIPPIAN J
0654 600011	2001-03-01	MISSISSIPPIAN K
0654 600012	2001-03-01	MISSISSIPPIAN L
0654 600014	2001-02-01	MISSISSIPPIAN N
0654 600017	2001-02-01	MISSISSIPPIAN Q
0654 600018	2011-05-01	MISSISSIPPIAN R
0654 600019	2001-02-01	MISSISSIPPIAN S
0654 600021	2001-02-01	MISSISSIPPIAN U
0654 600022	2010-05-01	MISSISSIPPIAN V
0654 600023	2001-07-01	MISSISSIPPIAN W
0654 600024	2002-02-01	MISSISSIPPIAN X
0654 600025	2002-04-01	MISSISSIPPIAN Y
0654 600026	2002-04-01	MISSISSIPPIAN Z
0654 600027	2004-10-01	MISSISSIPPIAN AA
0654 612002	2010-01-01	DEBOLT B
0654 612003	2010-05-01	DEBOLT C
0654 612004	2011-03-01	DEBOLT D
0654 642001	2001-02-01	PEKISKO A
0654 642002	2010-04-01	PEKISKO B
0654 644001	2007-06-01	BANFF A
0654 658001	2010-04-01	D-1 A
0654 658002	2001-02-01	D-1 B
0654 658003	2001-11-01	D-1 C

**POOL DESIGNATION (cont'd)**

0654 658004	2001-02-01	D-1 D
0654 658005	2001-11-01	D-1 E
0654 658006	2003-09-01	D-1 F
0654 658007	2001-04-01	D-1 G
0654 720001	2010-04-01	D-3 A
0654 720002	2010-04-01	D-3 B
0654 720003	2001-02-01	D-3 C
0654 744001	2010-04-01	BEAVERHILL LAKE A
0654 744002	2003-06-01	BEAVERHILL LAKE B
0654 744003	2005-12-01	BEAVERHILL LAKE C
0654 744004	2010-04-01	BEAVERHILL LAKE D
0654 744006	2010-04-01	BEAVERHILL LAKE F
0654 744007	2010-04-01	BEAVERHILL LAKE G
0654 744008	2003-08-01	BEAVERHILL LAKE H
0654 744009	2010-04-01	BEAVERHILL LAKE I
0654 744010	2010-04-01	BEAVERHILL LAKE J
0654 744011	2007-06-01	BEAVERHILL LAKE K
0654 744012	2008-08-01	BEAVERHILL LAKE L
0654 758001	2006-09-01	SLAVE POINT A
0654 758002	2002-11-01	SLAVE POINT B
0654 765501	2008-06-01	GILWOOD A
0654 765502	2008-06-01	GILWOOD B
0654 765503	2008-06-01	GILWOOD C

**SPACING PATTERN**

SU 2455	20 Dec 1995
SU 2455A	10 Jul 2001
SU 2455B	1 Mar 2002
SU 2455C	16 Jul 2004
SU 2455D	24 Aug 2005
SU 2455E	1 Mar 2006
SU 2455F	10 Jul 2007

**COMMINGLED PRODUCTION**

MU 6194	26 Oct 2006
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**ENHANCED RECOVERY SCHEMES**

App 9153C	11 Jul 2005
Waterflood	
Beaverhill Lake B	
Galleon Energy Inc.	

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

App 9287C 13 Dec 2010  
Waterflood  
Beaverhill Lake G  
Galleon Energy Inc.

App 9291B 18 Aug 2005  
Waterflood  
Beaverhill Lake F  
Galleon Energy Inc.

App 9320 27 Feb 2003  
Waterflood  
Beaverhill Lake D  
Mancal Energy Inc.

App 9327D 30 Aug 2005  
Waterflood  
Beaverhill Lake C and I  
Galleon Energy Inc.

App 9627A 11 Jul 2005  
Waterflood  
Beaverhill Lake D  
Galleon Energy Inc.

**SUBSURFACE DISPOSAL SCHEMES**

App 8231A 6 Apr 2009  
Class III Acid Gas  
Devon Canada Corporation

App 10756 14 Feb 2007  
Class II  
Devon Canada Corporation

**FIELD DESIGNATION**

0656 2010-02-01 NORRIS FIELD

**POOL DESIGNATION**

0656 134001 2005-07-01 BASAL BELLY RIVER A  
0656 134002 2005-07-01 BASAL BELLY RIVER B  
0656 134003 2005-07-01 BASAL BELLY RIVER C

0656 202001 2005-05-01 FISH SCALE A

0656 221001 2010-04-01 MIDDLE VIKING A  
0656 221002 2010-04-01 MIDDLE VIKING B  
0656 221004 2001-02-01 MIDDLE VIKING D  
0656 221005 2001-03-01 MIDDLE VIKING E

0656 224001 2010-04-01 LOWER VIKING A  
0656 224002 2001-02-01 LOWER VIKING B

0656 250004 2001-02-01 UPPER MANNVILLE D  
0656 250007 2010-04-01 UPPER MANNVILLE G  
0656 250008 2003-11-01 UPPER MANNVILLE H  
0656 250010 2001-02-01 UPPER MANNVILLE J  
0656 250011 2001-02-01 UPPER MANNVILLE K  
0656 250013 2001-02-01 UPPER MANNVILLE M  
0656 250014 2001-02-01 UPPER MANNVILLE N  
0656 250018 2001-02-01 UPPER MANNVILLE R  
0656 250019 2001-02-01 UPPER MANNVILLE S  
0656 250020 2010-04-01 UPPER MANNVILLE T  
0656 250021 2001-02-01 UPPER MANNVILLE U  
0656 250023 2001-02-01 UPPER MANNVILLE W  
0656 250024 2001-02-01 UPPER MANNVILLE X  
0656 250025 2010-04-01 UPPER MANNVILLE Y  
0656 250026 2001-02-01 UPPER MANNVILLE Z  
0656 250028 2001-02-01 UPPER MANNVILLE BB  
0656 250029 2001-02-01 UPPER MANNVILLE CC  
0656 250030 2001-02-01 UPPER MANNVILLE DD

**POOL DESIGNATION (cont'd)**

0656 250031	2001-02-01	UPPER MANNVILLE EE
0656 250032	2010-04-01	UPPER MANNVILLE FF
0656 250033	2001-02-01	UPPER MANNVILLE GG
0656 250034	2001-02-01	UPPER MANNVILLE HH
0656 250035	2001-02-01	UPPER MANNVILLE II
0656 250036	2001-02-01	UPPER MANNVILLE JJ
0656 250037	2001-02-01	UPPER MANNVILLE KK
0656 250038	2001-02-01	UPPER MANNVILLE LL
0656 250039	2001-02-01	UPPER MANNVILLE MM
0656 250040	2001-02-01	UPPER MANNVILLE NN
0656 250041	2001-02-01	UPPER MANNVILLE OO
0656 250042	2001-02-01	UPPER MANNVILLE PP
0656 250043	2003-08-01	UPPER MANNVILLE QQ
0656 250044	2001-02-01	UPPER MANNVILLE RR
0656 250045	2003-04-01	UPPER MANNVILLE SS
0656 250046	2010-04-01	UPPER MANNVILLE TT
0656 250047	2001-02-01	UPPER MANNVILLE UU
0656 250048	2009-07-01	UPPER MANNVILLE VV
0656 250049	2001-02-01	UPPER MANNVILLE WW
0656 250050	2001-02-01	UPPER MANNVILLE XX
0656 250051	2001-02-01	UPPER MANNVILLE YY
0656 250052	2001-02-01	UPPER MANNVILLE ZZ
0656 250701	2001-02-01	UPPER MANNVILLE AAA
0656 250702	2001-03-01	UPPER MANNVILLE BBB
0656 250703	2003-02-01	UPPER MANNVILLE CCC
0656 250704	2004-05-01	UPPER MANNVILLE DDD
0656 250705	2004-03-01	UPPER MANNVILLE EEE
0656 250706	2004-11-01	UPPER MANNVILLE FFF
0656 250707	2004-11-01	UPPER MANNVILLE GGG
0656 250708	2004-12-01	UPPER MANNVILLE HHH
0656 250709	2005-05-01	UPPER MANNVILLE III
0656 250710	2006-09-01	UPPER MANNVILLE JJJ
0656 250711	2006-12-01	UPPER MANNVILLE KKK
0656 250712	2006-07-01	UPPER MANNVILLE LLL
0656 250713	2006-07-01	UPPER MANNVILLE MMM
0656 250714	2006-08-01	UPPER MANNVILLE NNN
0656 250715	2007-04-01	UPPER MANNVILLE OOO
0656 250716	2007-08-01	UPPER MANNVILLE PPP

**POOL DESIGNATION (cont'd)**

0656 250717 2007-07-01	UPPER MANNVILLE QQQ
0656 250718 2007-08-01	UPPER MANNVILLE RRR
0656 250720 2007-10-01	UPPER MANNVILLE TTT
0656 250721 2007-10-01	UPPER MANNVILLE UUU
0656 250722 2007-10-01	UPPER MANNVILLE VVV
0656 250723 2008-07-01	UPPER MANNVILLE WWW
0656 250724 2008-03-01	UPPER MANNVILLE XXX
0656 250725 2008-11-01	UPPER MANNVILLE YYY
0656 250726 2008-11-01	UPPER MANNVILLE ZZZ
0656 250727 2008-07-01	UPPER MANNVILLE A2A
0656 250728 2008-07-01	UPPER MANNVILLE B2B
0656 250729 2011-01-01	UPPER MANNVILLE C2C
0656 250730 2011-05-01	UPPER MANNVILLE D2D
0656 250731 2011-06-01	UPPER MANNVILLE E2E

0656 310002 2001-02-01	LOWER MANNVILLE B
0656 310003 2001-02-01	LOWER MANNVILLE C
0656 310004 2001-02-01	LOWER MANNVILLE D
0656 310006 2001-02-01	LOWER MANNVILLE F
0656 310007 2001-02-01	LOWER MANNVILLE G
0656 310008 2001-02-01	LOWER MANNVILLE H
0656 310009 2001-02-01	LOWER MANNVILLE I
0656 310010 2010-04-01	LOWER MANNVILLE J
0656 310011 2004-07-01	LOWER MANNVILLE K
0656 310012 2008-09-01	LOWER MANNVILLE L
0656 310013 2007-10-01	LOWER MANNVILLE M

**SPACING PATTERN**

SU 2864	17 Mar 1998
SU 2864A	3 Jan 2001
SU 2864B	12 Apr 2001
SU 2864C	26 Feb 2003
SU 2864D	24 Apr 2003
SU 2864E	22 Dec 2003
SU 2864F	12 Sep 2007

**COMMINGLED PRODUCTION**

MU 7802 14 Apr 2011

**ENHANCED RECOVERY SCHEMES**

App 9635C 17 Nov 2010  
Waterflood  
Upper Mannville H  
MEC Operating Company ULC

**SUBSURFACE DISPOSAL SCHEMES**

App 3682D 27 Oct 2011  
Class II  
AltaGas Ltd.

App 8824 28 May 2001  
Class II  
Raptor Capital Corporation

**COMPULSORY POOLING**

P 296 20 Apr 2006  
Daylight Energy Ltd.  
All zones to base of Upper Mannville Sand  
Section 01-054-19W4M

**FIELD DESIGNATION**

1190 2001-02-01            NORTH STAR FIELD

**POOL DESIGNATION**

1190 304001 2001-02-01    BLUESKY A  
1190 305001 2010-04-01    BLUESKY-GETHING A  
1190 307201 2001-02-01    BLUESKY-DEBOLT A  
1190 556001 2010-04-01    BELLOY A  
1190 612001 2001-02-01    DEBOLT A

**SPACING PATTERN**

SU 2706        7 Mar 1996

**SUBSURFACE DISPOSAL SCHEMES**

App 10022    28 Sep 2004  
App 10022A   18 Oct 2007  
Class Ib  
Keyera Energy Ltd.

**INDEX OF BOARD ORDERS**

**NOR**

**NORTH VALLEY FIELD**  
**February 2012**

**1191**  
**Page 1 of 1**

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**FIELD DESIGNATION**

1191 2001-02-01                      NORTH VALLEY FIELD

**POOL DESIGNATION**

1191 610001 2010-04-01              RUNDLE A

**FIELD DESIGNATION**

0732 2011-05-01            NORTHVILLE FIELD

**POOL DESIGNATION**

0732 176001 2001-02-01    CARDIUM A

0732 218001 2010-04-01    VIKING A

0732 250001 2009-09-01    UPPER MANNVILLE A

0732 266001 2010-04-01    NOTIKEWIN A

0732 300001 2009-10-01    GLAUCONITIC A  
0732 300002 2010-09-01    GLAUCONITIC B  
0732 300003 2010-04-01    GLAUCONITIC C  
0732 300004 2008-06-01    GLAUCONITIC D  
0732 300005 2009-11-01    GLAUCONITIC E  
0732 300006 2012-01-01    GLAUCONITIC F  
0732 300007 2011-10-01    GLAUCONITIC G

0732 336002 2001-02-01    ELLERSLIE B  
0732 336003 2009-02-01    ELLERSLIE C  
0732 336004 2009-05-01    ELLERSLIE D

0732 432001 2001-02-01    ROCK CREEK A  
0732 432002 2001-02-01    ROCK CREEK B  
0732 432003 2001-02-01    ROCK CREEK C  
0732 432004 2001-04-01    ROCK CREEK D  
0732 432005 2004-01-01    ROCK CREEK E  
0732 432006 2004-08-01    ROCK CREEK F  
0732 432007 2006-08-01    ROCK CREEK G  
0732 432009 2009-08-01    ROCK CREEK I  
0732 432011 2009-05-01    ROCK CREEK K

0732 446001 2001-02-01    JURASSIC A  
0732 446004 2010-04-01    JURASSIC D

**POOL DESIGNATION (cont'd)**

0732 446005	2007-02-01	JURASSIC E
0732 446006	2001-02-01	JURASSIC F
0732 446007	2010-04-01	JURASSIC G
0732 446008	2009-08-01	JURASSIC H

**SPACING PATTERN**

SU 4220	20 Sep 2004
SU 4220A	13 Feb 2006
SU 4220B	12 Dec 2006

**COMMINGLED PRODUCTION**

MU 7379	16 Jul 2010
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**FIELD DESIGNATION**

0657 2012-01-01 NOSEHILL FIELD

**POOL DESIGNATION**

0657 126002 2008-12-01 BELLY RIVER B  
0657 134001 2005-07-01 BASAL BELLY RIVER A  
0657 218001 2001-03-01 VIKING A  
0657 218002 2011-06-01 VIKING B  
0657 304001 2006-11-01 BLUESKY A  
0657 304002 2011-11-01 BLUESKY B  
0657 326001 2007-05-01 GETHING A  
0657 326002 2011-11-01 GETHING B  
0657 326003 2009-08-01 GETHING C  
0657 348001 2012-01-01 CADOMIN A  
0657 348002 2007-05-01 CADOMIN B  
0657 348003 2010-04-01 CADOMIN C  
0657 348004 2011-05-01 CADOMIN D  
0657 348015 2010-04-01 CADOMIN O  
0657 720001 2001-02-01 D-3 A  
0657 858300 2012-01-01 MFP8583 SPIRIT RIVER

**SPACING PATTERN**

SU 2696 2 Apr 1996  
SU 2696A 11 Sep 2003  
SU 2696B 22 Dec 2003  
SU 2696C 2 Aug 2005  
SU 2696D 15 Dec 2005  
SU 2696E 31 Jan 2006  
SU 2696F 3 Aug 2007

**COMMINGLED PRODUCTION**

MU 8309 24 Jan 2012

**SUBSURFACE DISPOSAL SCHEMES**

App 11342 26 Jun 2009  
Class Ib  
Secure Energy Services Inc.