

**FIELD DESIGNATION**

0920 2012-02-01 VALHALLA FIELD

**POOL DESIGNATION**

0920 190001 2010-04-01 DOE CREEK A  
0920 190009 2011-03-01 DOE CREEK I  
0920 190011 2011-08-01 DOE CREEK K  
0920 190012 2011-02-01 DOE CREEK L  
0920 190013 2001-02-01 DOE CREEK M  
0920 190015 2001-02-01 DOE CREEK O  
0920 190016 2001-02-01 DOE CREEK P  
0920 190018 2001-02-01 DOE CREEK R  
0920 190020 2010-04-01 DOE CREEK T  
0920 190021 2010-04-01 DOE CREEK U  
0920 190022 2010-04-01 DOE CREEK V  
0920 190024 2001-02-01 DOE CREEK X  
0920 190025 2001-02-01 DOE CREEK Y  
0920 190026 2001-02-01 DOE CREEK Z  
0920 190028 2010-04-01 DOE CREEK BB  
0920 190029 2010-04-01 DOE CREEK CC  
0920 190030 2001-02-01 DOE CREEK DD  
0920 190031 2010-04-01 DOE CREEK EE  
0920 190032 2001-02-01 DOE CREEK FF  
0920 190033 2011-05-01 DOE CREEK GG  
0920 190034 2001-02-01 DOE CREEK HH  
0920 190035 2008-10-01 DOE CREEK II  
0920 190036 2007-05-01 DOE CREEK JJ  
0920 190038 2005-12-01 DOE CREEK LL  
0920 190039 2005-12-01 DOE CREEK MM  
0920 190040 2010-04-01 DOE CREEK NN  
0920 190041 2006-09-01 DOE CREEK OO  
0920 190042 2010-08-01 DOE CREEK PP  
  
0920 192001 2010-04-01 DUNVEGAN A  
0920 192002 2009-04-01 DUNVEGAN B  
0920 192003 2010-04-01 DUNVEGAN C

**POOL DESIGNATION (cont'd)**

0920 192004 2004-08-01 DUNVEGAN D  
0920 192005 2007-12-01 DUNVEGAN E  
0920 192006 2008-02-01 DUNVEGAN F  
0920 192007 2008-09-01 DUNVEGAN G  
0920 192009 2008-10-01 DUNVEGAN I  
0920 192010 2009-05-01 DUNVEGAN J  
0920 192011 2009-09-01 DUNVEGAN K

0920 230001 2003-05-01 PADDY A  
0920 230002 2005-10-01 PADDY B  
0920 230003 2008-07-01 PADDY C  
0920 230004 2004-01-01 PADDY D  
0920 230005 2001-02-01 PADDY E  
0920 230006 2001-02-01 PADDY F  
0920 230007 2001-02-01 PADDY G

0920 232001 2005-07-01 CADOTTE A  
0920 232002 2001-02-01 CADOTTE B  
0920 232003 2001-02-01 CADOTTE C  
0920 232004 2001-02-01 CADOTTE D

0920 271501 2010-02-01 FALHER A  
0920 271502 2005-05-01 FALHER B  
0920 271503 2010-08-01 FALHER C  
0920 271504 2010-04-01 FALHER D  
0920 271505 2010-06-01 FALHER E  
0920 271506 2010-06-01 FALHER F  
0920 271507 2011-11-01 FALHER G

0920 304002 2001-02-01 BLUESKY B  
0920 304003 2006-09-01 BLUESKY C  
0920 304005 2001-02-01 BLUESKY E  
0920 304006 2010-04-01 BLUESKY F  
0920 304007 2001-02-01 BLUESKY G  
0920 304009 2001-02-01 BLUESKY I  
0920 304010 2008-06-01 BLUESKY J  
0920 304011 2010-04-01 BLUESKY K  
0920 304012 2010-04-01 BLUESKY L

**POOL DESIGNATION (cont'd)**

0920 304013	2001-02-01	BLUESKY M
0920 304014	2001-02-01	BLUESKY N
0920 304015	2001-02-01	BLUESKY O
0920 304016	2001-02-01	BLUESKY P
0920 304017	2009-03-01	BLUESKY Q
0920 304018	2007-12-01	BLUESKY R
0920 304019	2001-02-01	BLUESKY S
0920 304020	2001-02-01	BLUESKY T
0920 304021	2001-02-01	BLUESKY U
0920 304022	2001-02-01	BLUESKY V
0920 304023	2002-03-01	BLUESKY W
0920 304024	2010-04-01	BLUESKY X
0920 304025	2001-02-01	BLUESKY Y
0920 304027	2001-02-01	BLUESKY AA
0920 304028	2010-04-01	BLUESKY BB
0920 304029	2001-02-01	BLUESKY CC
0920 304030	2006-06-01	BLUESKY DD
0920 304031	2001-03-01	BLUESKY EE
0920 304033	2002-05-01	BLUESKY GG
0920 304034	2002-07-01	BLUESKY HH
0920 304036	2010-04-01	BLUESKY JJ
0920 304037	2005-01-01	BLUESKY KK
0920 304038	2005-09-01	BLUESKY LL
0920 304039	2010-04-01	BLUESKY MM
0920 304041	2008-01-01	BLUESKY OO
0920 304042	2008-10-01	BLUESKY PP
0920 304043	2009-03-01	BLUESKY QQ
0920 326003	2001-02-01	GETHING C
0920 326004	2001-02-01	GETHING D
0920 326007	2008-03-01	GETHING G
0920 326008	2001-02-01	GETHING H
0920 326009	2001-02-01	GETHING I
0920 326010	2001-02-01	GETHING J
0920 326011	2001-02-01	GETHING K
0920 326012	2008-08-01	GETHING L
0920 326013	2001-02-01	GETHING M
0920 326014	2001-02-01	GETHING N

**POOL DESIGNATION (cont'd)**

0920 326015 2001-02-01     GETHING O  
0920 326016 2001-02-01     GETHING P  
0920 326017 2001-02-01     GETHING Q  
0920 326018 2001-06-01     GETHING R  
0920 326019 2001-09-01     GETHING S  
0920 326020 2001-10-01     GETHING T  
0920 326021 2002-02-01     GETHING U  
0920 326022 2002-05-01     GETHING V  
0920 326023 2003-02-01     GETHING W  
0920 326024 2003-01-01     GETHING X  
0920 326025 2003-11-01     GETHING Y  
0920 326026 2004-02-01     GETHING Z  
0920 326027 2010-07-01     GETHING AA  
0920 326028 2005-01-01     GETHING BB  
0920 326030 2010-04-01     GETHING DD  
0920 326031 2009-04-01     GETHING EE  
0920 326032 2009-06-01     GETHING FF  
0920 326033 2010-08-01     GETHING GG  
0920 326034 2011-05-01     GETHING HH

0920 348002 2001-02-01     CADOMIN B  
0920 348003 2001-02-01     CADOMIN C  
0920 348004 2010-04-01     CADOMIN D  
0920 348005 2001-02-01     CADOMIN E  
0920 348006 2001-02-01     CADOMIN F  
0920 348008 2001-02-01     CADOMIN H  
0920 348009 2010-08-01     CADOMIN I

0920 408001 2008-03-01     NIKANASSIN A  
0920 408002 2008-11-01     NIKANASSIN B

0920 506001 2002-07-01     BALDONNEL A

0920 508001 2010-04-01     CHARLIE LAKE A  
0920 508003 2001-02-01     CHARLIE LAKE C  
0920 508004 2010-11-01     CHARLIE LAKE D  
0920 508008 2010-04-01     CHARLIE LAKE H  
0920 508009 2001-02-01     CHARLIE LAKE I

**POOL DESIGNATION (cont'd)**

0920 508010	2001-02-01	CHARLIE LAKE J
0920 508011	2001-02-01	CHARLIE LAKE K
0920 508012	2001-02-01	CHARLIE LAKE L
0920 508013	2007-11-01	CHARLIE LAKE M
0920 508015	2011-09-01	CHARLIE LAKE O
0920 508016	2001-02-01	CHARLIE LAKE P
0920 508017	2001-02-01	CHARLIE LAKE Q
0920 508018	2001-02-01	CHARLIE LAKE R
0920 508019	2001-02-01	CHARLIE LAKE S
0920 508020	2001-02-01	CHARLIE LAKE T
0920 508021	2007-03-01	CHARLIE LAKE U
0920 508022	2001-02-01	CHARLIE LAKE V
0920 508023	2001-02-01	CHARLIE LAKE W
0920 508024	2001-02-01	CHARLIE LAKE X
0920 508025	2001-02-01	CHARLIE LAKE Y
0920 508026	2010-04-01	CHARLIE LAKE Z
0920 508027	2010-04-01	CHARLIE LAKE AA
0920 508029	2001-10-01	CHARLIE LAKE CC
0920 508030	2010-06-01	CHARLIE LAKE DD
0920 508031	2001-08-01	CHARLIE LAKE EE
0920 508032	2003-02-01	CHARLIE LAKE FF
0920 508033	2004-02-01	CHARLIE LAKE GG
0920 508034	2005-01-01	CHARLIE LAKE HH
0920 508035	2006-10-01	CHARLIE LAKE II
0920 508036	2010-04-01	CHARLIE LAKE JJ
0920 508037	2007-02-01	CHARLIE LAKE KK
0920 508038	2007-04-01	CHARLIE LAKE LL
0920 508040	2007-03-01	CHARLIE LAKE NN
0920 508041	2007-05-01	CHARLIE LAKE OO
0920 508042	2007-12-01	CHARLIE LAKE PP
0920 508043	2007-12-01	CHARLIE LAKE QQ
0920 508044	2007-12-01	CHARLIE LAKE RR
0920 508045	2010-04-01	CHARLIE LAKE SS
0920 508046	2008-02-01	CHARLIE LAKE TT
0920 508047	2008-11-01	CHARLIE LAKE UU
0920 508048	2008-10-01	CHARLIE LAKE VV
0920 508049	2008-10-01	CHARLIE LAKE WW
0920 508051	2009-02-01	CHARLIE LAKE YY

**POOL DESIGNATION (cont'd)**

0920 508052 2009-03-01 CHARLIE LAKE ZZ  
0920 508701 2009-05-01 CHARLIE LAKE AAA  
0920 508702 2009-05-01 CHARLIE LAKE BBB  
0920 508703 2009-05-01 CHARLIE LAKE CCC  
0920 508704 2010-08-01 CHARLIE LAKE DDD  
0920 508705 2011-03-01 CHARLIE LAKE EEE  
0920 508706 2011-03-01 CHARLIE LAKE FFF  
0920 508707 2011-11-01 CHARLIE LAKE GGG

0920 510001 2010-04-01 BOUNDARY A  
0920 510002 2010-04-01 BOUNDARY B  
0920 510004 2001-02-01 BOUNDARY D  
0920 510006 2001-02-01 BOUNDARY F  
0920 510008 2001-02-01 BOUNDARY H  
0920 510009 2001-02-01 BOUNDARY I  
0920 510010 2001-02-01 BOUNDARY J  
0920 510011 2001-02-01 BOUNDARY K  
0920 510012 2010-04-01 BOUNDARY L  
0920 510013 2001-02-01 BOUNDARY M  
0920 510015 2003-04-01 BOUNDARY O  
0920 510016 2001-02-01 BOUNDARY P  
0920 510017 2001-10-01 BOUNDARY Q  
0920 510018 2001-02-01 BOUNDARY R  
0920 510019 2001-02-01 BOUNDARY S  
0920 510020 2002-08-01 BOUNDARY T  
0920 510021 2003-01-01 BOUNDARY U  
0920 510022 2004-09-01 BOUNDARY V  
0920 510024 2004-10-01 BOUNDARY X  
0920 510025 2004-10-01 BOUNDARY Y  
0920 510026 2006-11-01 BOUNDARY Z  
0920 510027 2007-05-01 BOUNDARY AA  
0920 510028 2008-05-01 BOUNDARY BB  
0920 510029 2010-09-01 BOUNDARY CC  
0920 510030 2009-11-01 BOUNDARY DD

0920 516003 2010-04-01 HALFWAY C  
0920 516005 2001-02-01 HALFWAY E  
0920 516006 2001-02-01 HALFWAY F

**POOL DESIGNATION (cont'd)**

0920 516008	2001-02-01	HALFWAY H
0920 516010	2001-02-01	HALFWAY J
0920 516011	2001-02-01	HALFWAY K
0920 516012	2001-02-01	HALFWAY L
0920 516013	2001-02-01	HALFWAY M
0920 516015	2001-02-01	HALFWAY O
0920 516016	2001-02-01	HALFWAY P
0920 516017	2001-02-01	HALFWAY Q
0920 516018	2010-04-01	HALFWAY R
0920 516019	2001-03-01	HALFWAY S
0920 516020	2002-02-01	HALFWAY T
0920 516022	2003-05-01	HALFWAY V
0920 516023	2003-06-01	HALFWAY W
0920 516024	2009-02-01	HALFWAY X
0920 516025	2003-10-01	HALFWAY Y
0920 516026	2010-07-01	HALFWAY Z
0920 516028	2005-02-01	HALFWAY BB
0920 516029	2005-02-01	HALFWAY CC
0920 516030	2005-09-01	HALFWAY DD
0920 516031	2006-09-01	HALFWAY EE
0920 516032	2006-09-01	HALFWAY FF
0920 516033	2010-04-01	HALFWAY GG
0920 516034	2010-04-01	HALFWAY HH
0920 516035	2007-02-01	HALFWAY II
0920 516036	2007-03-01	HALFWAY JJ
0920 516037	2007-06-01	HALFWAY KK
0920 516038	2007-08-01	HALFWAY LL
0920 516039	2007-12-01	HALFWAY MM
0920 516040	2007-12-01	HALFWAY NN
0920 516041	2007-12-01	HALFWAY OO
0920 516042	2007-12-01	HALFWAY PP
0920 516043	2007-12-01	HALFWAY QQ
0920 516044	2009-02-01	HALFWAY RR
0920 516045	2009-08-01	HALFWAY SS
0920 520002	2011-09-01	DOIG B
0920 520004	2012-01-01	DOIG D
0920 520006	2001-02-01	DOIG F

**POOL DESIGNATION (cont'd)**

0920 520007 2001-02-01	DOIG G
0920 520015 2011-11-01	DOIG O
0920 520016 2001-03-01	DOIG P
0920 520017 2003-06-01	DOIG Q
0920 520018 2008-12-01	DOIG R
0920 520019 2010-04-01	DOIG S
0920 520020 2010-04-01	DOIG T
0920 520021 2007-10-01	DOIG U
0920 520022 2008-03-01	DOIG V
0920 520023 2007-12-01	DOIG W
0920 520024 2007-12-01	DOIG X
0920 520025 2010-04-01	DOIG Y
0920 520026 2009-08-01	DOIG Z
0920 520028 2011-12-01	DOIG BB
0920 524001 2010-04-01	MONTNEY A
0920 524002 2011-06-01	MONTNEY B
0920 524003 2012-02-01	MONTNEY C
0920 524006 2001-02-01	MONTNEY F
0920 524007 2010-04-01	MONTNEY G
0920 524008 2010-04-01	MONTNEY H
0920 524009 2003-03-01	MONTNEY I
0920 524012 2011-05-01	MONTNEY L
0920 524013 2006-10-01	MONTNEY M
0920 524014 2006-11-01	MONTNEY N
0920 524015 2001-02-01	MONTNEY O
0920 524016 2001-02-01	MONTNEY P
0920 524017 2008-07-01	MONTNEY Q
0920 524018 2003-12-01	MONTNEY R
0920 524019 2001-02-01	MONTNEY S
0920 524020 2010-04-01	MONTNEY T
0920 524021 2001-02-01	MONTNEY U
0920 524022 2001-02-01	MONTNEY V
0920 524023 2001-02-01	MONTNEY W
0920 524024 2007-07-01	MONTNEY X
0920 524025 2010-04-01	MONTNEY Y
0920 524026 2001-02-01	MONTNEY Z
0920 524027 2001-02-01	MONTNEY AA

**POOL DESIGNATION (cont'd)**

0920 524029 2001-02-01	MONTNEY CC
0920 524030 2001-02-01	MONTNEY DD
0920 524031 2001-02-01	MONTNEY EE
0920 524032 2001-02-01	MONTNEY FF
0920 524033 2001-02-01	MONTNEY GG
0920 524034 2010-04-01	MONTNEY HH
0920 524035 2010-04-01	MONTNEY II
0920 524036 2010-04-01	MONTNEY JJ
0920 524037 2008-05-01	MONTNEY KK
0920 524038 2001-09-01	MONTNEY LL
0920 524039 2002-02-01	MONTNEY MM
0920 524040 2002-05-01	MONTNEY NN
0920 524041 2003-02-01	MONTNEY OO
0920 524042 2003-05-01	MONTNEY PP
0920 524043 2002-05-01	MONTNEY QQ
0920 524044 2002-04-01	MONTNEY RR
0920 524045 2002-12-01	MONTNEY SS
0920 524046 2003-01-01	MONTNEY TT
0920 524049 2004-02-01	MONTNEY WW
0920 524050 2003-06-01	MONTNEY XX
0920 524051 2004-01-01	MONTNEY YY
0920 524052 2010-04-01	MONTNEY ZZ
0920 524301 2010-07-01	MONTNEY AAA
0920 524302 2003-11-01	MONTNEY BBB
0920 524303 2011-03-01	MONTNEY CCC
0920 524304 2004-12-01	MONTNEY DDD
0920 524305 2004-12-01	MONTNEY EEE
0920 524306 2011-04-01	MONTNEY FFF
0920 524307 2005-02-01	MONTNEY GGG
0920 524308 2005-02-01	MONTNEY HHH
0920 524309 2005-09-01	MONTNEY III
0920 524310 2010-04-01	MONTNEY JJJ
0920 524311 2005-08-01	MONTNEY KKK
0920 524312 2012-02-01	MONTNEY LLL
0920 524313 2006-01-01	MONTNEY MMM
0920 524314 2006-09-01	MONTNEY NNN
0920 524315 2006-03-01	MONTNEY OOO
0920 524316 2006-04-01	MONTNEY PPP

**POOL DESIGNATION (cont'd)**

0920 524317 2006-09-01	MONTNEY QQQ
0920 524318 2006-11-01	MONTNEY RRR
0920 524319 2006-07-01	MONTNEY SSS
0920 524320 2006-08-01	MONTNEY TTT
0920 524321 2007-02-01	MONTNEY UUU
0920 524322 2007-02-01	MONTNEY VVV
0920 524323 2007-05-01	MONTNEY WWW
0920 524324 2010-04-01	MONTNEY XXX
0920 524326 2007-12-01	MONTNEY ZZZ
0920 524327 2007-12-01	MONTNEY A2A
0920 524328 2007-12-01	MONTNEY B2B
0920 524329 2007-12-01	MONTNEY C2C
0920 524330 2007-12-01	MONTNEY D2D
0920 524331 2008-04-01	MONTNEY E2E
0920 524332 2008-04-01	MONTNEY F2F
0920 524333 2008-11-01	MONTNEY G2G
0920 524334 2008-05-01	MONTNEY H2H
0920 524335 2008-06-01	MONTNEY I2I
0920 524336 2008-06-01	MONTNEY J2J
0920 524337 2008-07-01	MONTNEY K2K
0920 524338 2010-04-01	MONTNEY L2L
0920 524339 2009-02-01	MONTNEY M2M
0920 524340 2008-11-01	MONTNEY N2N
0920 524341 2008-11-01	MONTNEY O2O
0920 524342 2009-01-01	MONTNEY P2P
0920 524343 2009-03-01	MONTNEY Q2Q
0920 524344 2009-11-01	MONTNEY R2R
0920 524345 2010-10-01	MONTNEY S2S
0920 524346 2011-03-01	MONTNEY T2T
0920 524347 2011-01-01	MONTNEY U2U
0920 524348 2011-03-01	MONTNEY V2V
0920 524349 2011-11-01	MONTNEY W2W
0920 524350 2012-02-01	MONTNEY X2X
0920 556001 2001-02-01	BELLOY A
0920 556002 2003-10-01	BELLOY B
0920 556003 2006-07-01	BELLOY C
0920 556004 2007-02-01	BELLOY D

**POOL DESIGNATION (cont'd)**

0920 556005 2007-12-01	BELLOY E
0920 606001 2001-02-01	KISKATINAW A
0920 606002 2001-02-01	KISKATINAW B
0920 606003 2002-11-01	KISKATINAW C
0920 606004 2004-05-01	KISKATINAW D
0920 606005 2005-05-01	KISKATINAW E
0920 606006 2005-05-01	KISKATINAW F
0920 606007 2007-12-01	KISKATINAW G
0920 606008 2007-12-01	KISKATINAW H
0920 606009 2008-12-01	KISKATINAW I
0920 606010 2008-12-01	KISKATINAW J
0920 612001 2002-05-01	DEBOLT A
0920 658001 2004-06-01	WABAMUN A
0920 658002 2007-12-01	WABAMUN B
0920 797501 2011-12-01	GRANITE WASH A
0920 797502 2008-06-01	GRANITE WASH B
0920 852400 2010-04-01	MFP8524 HALFWAY
0920 853000 2010-04-01	MFP8530 HALFWAY

**SPACING PATTERN**

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

**MISCELLANEOUS ORDERS**

MISC 2006-70B 8 Jan 2009  
 Gas production  
 Halfway s  
 ConocoPhillips Canada Resources Corp.

**COMMINGLED PRODUCTION**

MU 7978 10 Aug 2011

**GAS CYCLING**

App 10633 15 Nov 2006  
 Halfway B  
 ConocoPhillips Canada Resources Corp.

**ENHANCED RECOVERY SCHEMES**

App 4474E 27 Feb 2009  
 Waterflood  
 Doe Creek I  
 Husky Oil Operations Limited

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

App 5686G 5 Jul 2011  
 Waterflood  
 Doe Creek I  
 Canadian Natural Resources Limited

App 7545A 2 Feb 2009  
 Waterflood  
 Boundary M  
 Enermark Inc.

App 7662 18 Jan 1995  
 App 7662A 7 Apr 1995  
 App 7662B 26 May 2003  
 Waterflood  
 Doe Creek Y  
 Devon Canada Corporation

App 8238F 24 Sep 2010  
 Waterflood  
 Doe Creek I  
 Canadian Natural Resources Limited

App 8428E 12 Jan 2012  
 Waterflood  
 Montney C  
 Whitecap Resources Inc.

App 8454E 13 Dec 2010  
 Waterflood  
 Doe Creek I  
 Bellamont Exploration Ltd.

App 9038B 29 Jun 2009  
 Waterflood  
 Doe Creek I  
 Husky Oil Operations Limited

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

App 10018F 6 Apr 2011  
Waterflood  
Doe Creek T, U and BB  
Bonavista Energy Corporation

App 10130E 17 Jun 2009  
Waterflood  
Doe Creek I  
Husky Oil Operations Limited

App 10455B 5 Jul 2011  
Waterflood  
Doe Creek I  
Canadian Natural Resources Limited

App 10728A 17 Jun 2007  
Waterflood  
Montney B  
ARC Resources Ltd.

App 11029 29 Sep 2007  
Waterflood  
Halfway C  
Husky Oil Operations Limited

App 11467 1 Sep 2010  
Waterflood  
Doe Creek M  
Cumberland Oil & Gas Ltd.

**ENHANCED RECOVERY SCHEMES &  
CONCURRENT PRODUCTION**

App 7656 16 Jan 1995  
App 7656A 26 Oct 2000  
App 7656B 26 May 2003  
App 7656C 11 Aug 2003  
App 7656D 18 Nov 2003  
App 7656E 15 Jan 2004  
By water injection  
Doe Creek V  
Devon Canada Corporation

**CONCURRENT PRODUCTION**

MISC 92162 5 Aug 1992  
Halfway C

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

**SUBSURFACE DISPOSAL SCHEMES**

App 11705 21 Oct 2011  
Class II  
Capio Exploration Ltd.

**COMPULSORY POOLING**

P 312  
Sec 11-76-09W6M  
Charlie Lake, Halfway, Doig and Montney  
Formations  
Bonavista Petroleum Ltd.

**COMPULSORY POOLING (cont'd)**

P 356            29 Apr 2008

Section 36-75-10W6M

Dunvegan FM Gas

Bonavista Petroleum Ltd.

**INDEX OF BOARD ORDERS**

**VAR**

**VARDIE AREA**

**1284**

**February 2012**

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**SPACING PATTERN**

SU 2530      23 Jan 1996

**FIELD DESIGNATION**

0975 2008-07-01 VAUXHALL FIELD

**POOL DESIGNATION**

0975 213001 2004-08-01 BOW ISLAND A  
0975 213002 2001-02-01 BOW ISLAND B  
0975 213003 2001-02-01 BOW ISLAND C  
0975 213004 2001-06-01 BOW ISLAND D

0975 250001 2010-12-01 UPPER MANNVILLE A  
0975 250002 2008-09-01 UPPER MANNVILLE B  
0975 250003 2001-02-01 UPPER MANNVILLE C  
0975 250005 2001-02-01 UPPER MANNVILLE E  
0975 250006 2001-02-01 UPPER MANNVILLE F  
0975 250007 2001-02-01 UPPER MANNVILLE G  
0975 250008 2001-02-01 UPPER MANNVILLE H  
0975 250009 2001-02-01 UPPER MANNVILLE I  
0975 250010 2001-02-01 UPPER MANNVILLE J  
0975 250011 2001-02-01 UPPER MANNVILLE K  
0975 250012 2001-02-01 UPPER MANNVILLE L  
0975 250013 2004-02-01 UPPER MANNVILLE M  
0975 250014 2005-05-01 UPPER MANNVILLE N  
0975 250015 2005-07-01 UPPER MANNVILLE O  
0975 250016 2006-06-01 UPPER MANNVILLE P  
0975 250017 2006-09-01 UPPER MANNVILLE Q  
0975 250018 2006-09-01 UPPER MANNVILLE R  
0975 250019 2008-05-01 UPPER MANNVILLE S  
0975 250020 2008-12-01 UPPER MANNVILLE T  
0975 250021 2009-04-01 UPPER MANNVILLE U  
0975 250022 2009-08-01 UPPER MANNVILLE V

0975 310001 2001-02-01 LOWER MANNVILLE A  
0975 310004 2001-02-01 LOWER MANNVILLE D  
0975 310005 2001-03-01 LOWER MANNVILLE E

0975 853200 2008-07-01 MFP8532 2WS

**SPACING PATTERN**

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

**SUBSURFACE DISPOSAL SCHEMES**

App 10075A   1 Nov 2010  
Class II  
Pace Oil & Gas Ltd.

App 10231B   20 Sep 2011  
Class II  
Barrick Energy Inc.

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**VEG**

**VEGA FIELD**  
**February 2012**

**0918**  
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**FIELD DESIGNATION**

0918 2010-02-01                    VEGA FIELD

**POOL DESIGNATION**

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

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

0918 300001 2001-02-01        GLAUCONITIC A

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

**SPACING PATTERN**

SU 4365            20 Jun 2007  
SU 4365A          17 Oct 2007

**COMMINGLED PRODUCTION**

MU 6167          14 Oct 2006

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**VEN**

**VENUS FIELD**  
**February 2012**

**0977**  
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**FIELD DESIGNATION**

0977 2001-12-01                      VENUS FIELD

**POOL DESIGNATION**

0977 612001 2010-04-01      DEBOLT A

0977 612002 2010-04-01      DEBOLT B

0977 772101 2008-06-01      KEG RIVER A

**SPACING PATTERN**

SU 2734              20 Mar 1996

**SUBSURFACE DISPOSAL SCHEMES**

App 7907              11 Jun 1996

App 7907A              20 May 1998

Class Ib

Chevron Canada Resources Limited

App 10499A              19 Sep 2011

Class II

Penn West Petroleum Ltd.

**FIELD DESIGNATION**

0919 2011-06-01 VERGER FIELD

**POOL DESIGNATION**

0919 126022 2008-05-01 BELLY RIVER V  
0919 126023 2008-05-01 BELLY RIVER W  
0919 126025 2010-07-01 BELLY RIVER Y

0919 142003 2008-05-01 PAKOWKI C  
0919 142004 2010-07-01 PAKOWKI D  
0919 142005 2010-11-01 PAKOWKI E  
0919 142006 2010-11-01 PAKOWKI F

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

0919 162025 2009-12-01 FIRST WHITE SPECKS Y

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

0919 213001 2003-03-01 BOW ISLAND A  
0919 213002 2001-02-01 BOW ISLAND B  
0919 213003 2001-02-01 BOW ISLAND C  
0919 213004 2001-02-01 BOW ISLAND D  
0919 213005 2001-02-01 BOW ISLAND E  
0919 213013 2004-04-01 BOW ISLAND M  
0919 213014 2003-11-01 BOW ISLAND N  
0919 213015 2010-04-01 BOW ISLAND O  
0919 213016 2010-04-01 BOW ISLAND P

**POOL DESIGNATION (cont'd)**

0919 213017 2010-04-01	BOW ISLAND Q
0919 213018 2007-12-01	BOW ISLAND R
0919 213019 2008-12-01	BOW ISLAND S
0919 213020 2008-12-01	BOW ISLAND T
0919 213021 2008-12-01	BOW ISLAND U
0919 213022 2010-04-01	BOW ISLAND V
0919 213023 2010-04-01	BOW ISLAND W
0919 213024 2010-04-01	BOW ISLAND X
0919 213025 2010-02-01	BOW ISLAND Y
0919 218001 2001-06-01	VIKING A
0919 218002 2003-02-01	VIKING B
0919 218003 2010-04-01	VIKING C
0919 218004 2005-05-01	VIKING D
0919 242001 2010-04-01	BASAL COLORADO A
0919 242004 2001-02-01	BASAL COLORADO D
0919 242006 2002-04-01	BASAL COLORADO F
0919 242007 2001-02-01	BASAL COLORADO G
0919 242008 2001-02-01	BASAL COLORADO H
0919 242009 2002-03-01	BASAL COLORADO I
0919 242010 2010-04-01	BASAL COLORADO J
0919 242011 2004-07-01	BASAL COLORADO K
0919 242012 2010-01-01	BASAL COLORADO L
0919 248001 2010-04-01	MANNVILLE A
0919 248003 2001-02-01	MANNVILLE C
0919 248004 2010-04-01	MANNVILLE D
0919 248005 2001-02-01	MANNVILLE E
0919 248006 2001-02-01	MANNVILLE F
0919 248007 2006-06-01	MANNVILLE G
0919 248008 2001-02-01	MANNVILLE H
0919 248010 2001-03-01	MANNVILLE J
0919 248011 2001-02-01	MANNVILLE K
0919 248012 2001-02-01	MANNVILLE L
0919 248013 2006-05-01	MANNVILLE M
0919 248015 2004-03-01	MANNVILLE O
0919 248016 2003-01-01	MANNVILLE P

**POOL DESIGNATION (cont'd)**

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

**POOL DESIGNATION (cont'd)**

0919 250039 2005-05-01	UPPER MANNVILLE MM
0919 250040 2005-05-01	UPPER MANNVILLE NN
0919 250041 2010-04-01	UPPER MANNVILLE OO
0919 250042 2010-04-01	UPPER MANNVILLE PP
0919 250043 2010-04-01	UPPER MANNVILLE QQ
0919 250044 2010-04-01	UPPER MANNVILLE RR
0919 250045 2010-04-01	UPPER MANNVILLE SS
0919 250046 2010-04-01	UPPER MANNVILLE TT
0919 250047 2006-10-01	UPPER MANNVILLE UU
0919 250048 2007-11-01	UPPER MANNVILLE VV
0919 250049 2007-11-01	UPPER MANNVILLE WW
0919 250050 2007-12-01	UPPER MANNVILLE XX
0919 250051 2008-05-01	UPPER MANNVILLE YY
0919 250052 2007-12-01	UPPER MANNVILLE ZZ
0919 250701 2008-01-01	UPPER MANNVILLE AAA
0919 250702 2008-01-01	UPPER MANNVILLE BBB
0919 250704 2010-04-01	UPPER MANNVILLE DDD
0919 250706 2008-07-01	UPPER MANNVILLE FFF
0919 250708 2008-10-01	UPPER MANNVILLE HHH
0919 250709 2009-02-01	UPPER MANNVILLE III
0919 250710 2009-02-01	UPPER MANNVILLE JJJ
0919 250712 2010-04-01	UPPER MANNVILLE LLL
0919 250713 2009-05-01	UPPER MANNVILLE MMM
0919 250717 2009-08-01	UPPER MANNVILLE QQQ
0919 250718 2009-08-01	UPPER MANNVILLE RRR
0919 250719 2009-11-01	UPPER MANNVILLE SSS
0919 250720 2009-11-01	UPPER MANNVILLE TTT
0919 250721 2009-11-01	UPPER MANNVILLE UUU
0919 250722 2009-11-01	UPPER MANNVILLE VVV
0919 250723 2009-11-01	UPPER MANNVILLE WWW
0919 250724 2010-02-01	UPPER MANNVILLE XXX
0919 250725 2010-03-01	UPPER MANNVILLE YYY
0919 250726 2010-03-01	UPPER MANNVILLE ZZZ
0919 250727 2010-03-01	UPPER MANNVILLE A2A
0919 250728 2010-04-01	UPPER MANNVILLE B2B
0919 250729 2010-05-01	UPPER MANNVILLE C2C
0919 250730 2010-06-01	UPPER MANNVILLE D2D
0919 250731 2010-06-01	UPPER MANNVILLE E2E

**POOL DESIGNATION (cont'd)**

0919 250732 2010-12-01	UPPER MANNVILLE F2F
0919 250733 2011-08-01	UPPER MANNVILLE G2G
0919 250734 2011-08-01	UPPER MANNVILLE H2H
0919 250735 2011-08-01	UPPER MANNVILLE I2I
0919 250736 2011-09-01	UPPER MANNVILLE J2J
0919 250737 2011-09-01	UPPER MANNVILLE K2K
0919 250738 2011-09-01	UPPER MANNVILLE L2L
0919 250739 2011-09-01	UPPER MANNVILLE M2M
0919 250740 2011-10-01	UPPER MANNVILLE N2N
0919 250741 2011-12-01	UPPER MANNVILLE O2O
0919 250742 2011-12-01	UPPER MANNVILLE P2P
0919 250743 2011-12-01	UPPER MANNVILLE Q2Q
0919 250744 2011-12-01	UPPER MANNVILLE R2R
0919 250745 2011-12-01	UPPER MANNVILLE S2S
0919 250746 2012-01-01	UPPER MANNVILLE T2T
0919 250747 2012-01-01	UPPER MANNVILLE U2U
0919 250748 2012-01-01	UPPER MANNVILLE V2V
0919 250749 2012-01-01	UPPER MANNVILLE W2W
0919 250750 2012-01-01	UPPER MANNVILLE X2X
0919 316001 2010-04-01	OSTRACOD A
0919 320001 2008-11-01	BASAL MANNVILLE A
0919 320002 2010-04-01	BASAL MANNVILLE B
0919 336002 2006-05-01	ELLERSLIE B
0919 336003 2007-03-01	ELLERSLIE C
0919 336004 2007-11-01	ELLERSLIE D
0919 336005 2007-12-01	ELLERSLIE E
0919 336006 2010-04-01	ELLERSLIE F
0919 336007 2008-02-01	ELLERSLIE G
0919 336008 2008-08-01	ELLERSLIE H
0919 336009 2008-10-01	ELLERSLIE I
0919 336010 2008-10-01	ELLERSLIE J
0919 336011 2010-04-01	ELLERSLIE K
0919 336012 2010-01-01	ELLERSLIE L
0919 336013 2010-03-01	ELLERSLIE M
0919 336014 2010-06-01	ELLERSLIE N

**POOL DESIGNATION (cont'd)**

0919 336015 2010-06-01	ELLERSLIE O
0919 336016 2010-06-01	ELLERSLIE P
0919 336017 2011-01-01	ELLERSLIE Q
0919 336018 2011-09-01	ELLERSLIE R
0919 336019 2011-12-01	ELLERSLIE S
0919 642001 2001-02-01	PEKISKO A
0919 642002 2001-02-01	PEKISKO B
0919 694001 2001-02-01	ARCS A
0919 850100 2011-06-01	MFP8501 MILK RIVER
0919 850200 2011-06-01	MFP8502 MED HAT
0919 850500 2011-06-01	MFP8505 2WS
0919 850600 2011-03-01	MFP8506 BELLY RIVER
0919 851300 2011-11-01	MFP8513 BOW ISLAND
0919 854300 2011-10-01	MFP8543 BSL BELLY RIV
0919 854400 2011-06-01	MFP8544 1WS
0919 854700 2011-02-01	MFP8547 BSL BELLY RIV
0919 855300 2011-02-01	MFP8553 COLORADO

**SPACING PATTERN**

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

**COMMINGLED PRODUCTION**

MU 7913 7 Jun 2011

**CONCURRENT PRODUCTION**

App 1364 5 Nov 1970  
Mannville D  
Jorace Petroleum Ltd.

App 2330 2 Nov 1976  
App 2330A 21 Feb 1978  
Upper Mannville C  
Shenandoah Oil Corporation

**FIELD DESIGNATION**

0921 2010-11-01 VERMILION FIELD

**POOL DESIGNATION**

0921 162001 2011-01-01 FIRST WHITE SPECKS A

0921 256001 2001-02-01 COLONY A

0921 256002 2001-02-01 COLONY B

0921 256003 2001-02-01 COLONY C

0921 256004 2001-02-01 COLONY D

0921 256005 2003-02-01 COLONY E

0921 268001 2001-02-01 MCLAREN A

0921 268002 2001-02-01 MCLAREN B

0921 270001 2001-02-01 WASECA A

0921 270002 2001-02-01 WASECA B

0921 276001 2012-01-01 SPARKY A

0921 276003 2001-02-01 SPARKY C

0921 276004 2001-02-01 SPARKY D

0921 276005 2001-02-01 SPARKY E

0921 276006 2007-02-01 SPARKY F

0921 276007 2011-12-01 SPARKY G

0921 276010 2008-09-01 SPARKY J

0921 276012 2011-05-01 SPARKY L

0921 286001 2001-02-01 GENERAL PETROLEUM A

0921 288001 2001-02-01 REX A

0921 288002 2001-02-01 REX B

0921 294001 2001-02-01 LLOYDMINSTER A

0921 294002 2001-02-01 LLOYDMINSTER B

0921 294003 2004-03-01 LLOYDMINSTER C

0921 294004 2007-02-01 LLOYDMINSTER D

**POOL DESIGNATION (cont'd)**

0921 294005 2010-04-01	LLOYDMINSTER E
0921 294006 2011-12-01	LLOYDMINSTER F
0921 302001 2001-02-01	CUMMINGS A
0921 302002 2005-03-01	CUMMINGS B
0921 302003 2008-03-01	CUMMINGS C
0921 302004 2008-10-01	CUMMINGS D
0921 322001 2001-02-01	DINA A
0921 322002 2007-09-01	DINA B
0921 322003 2008-10-01	DINA C
0921 322004 2008-11-01	DINA D
0921 322005 2011-12-01	DINA E

**SPACING PATTERN**

SU 2531      13 Feb 1996  
SU 2531A    24 Apr 1997

**COMMINGLED PRODUCTION**

MU 7393      9 Apr 2010

**ENHANCED RECOVERY SCHEMES**

App 2767      5 Jan 1979  
App 2767A    4 Oct 1995  
Waterflood  
Sparky A  
Taku Gas Limited

**SUBSURFACE DISPOSAL SCHEMES**

App 2662      30 May 1978  
Class II  
Canadian Hunter Production

App 3353      10 Sep 1981  
Class II  
Home Oil Company Limited

App 10733E   30 May 2011  
Class II  
Bonavista Energy Corporation

**FIELD DESIGNATION**

0923 2008-09-01 VIKING-KINSELLA FIELD

**POOL DESIGNATION**

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

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

0923 160001 2004-04-01 COLORADO A  
0923 160002 2011-05-01 COLORADO B  
0923 160003 2011-06-01 COLORADO C  
0923 160004 2009-10-01 COLORADO D  
0923 160005 2010-01-01 COLORADO E  
0923 160007 2011-02-01 COLORADO G  
0923 160008 2011-03-01 COLORADO H  
0923 160009 2011-03-01 COLORADO I  
0923 160010 2011-05-01 COLORADO J  
0923 160011 2011-05-01 COLORADO K  
0923 160012 2011-06-01 COLORADO L  
0923 160013 2011-06-01 COLORADO M  
0923 160014 2011-06-01 COLORADO N

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

0923 202001 2005-05-01 FISH SCALE A  
0923 202002 2010-04-01 FISH SCALE B  
0923 202003 2010-04-01 FISH SCALE C  
0923 202004 2011-04-01 FISH SCALE D  
0923 202005 2010-04-01 FISH SCALE E  
0923 202006 2008-07-01 FISH SCALE F

**POOL DESIGNATION (cont'd)**

0923 202007 2009-10-01	FISH SCALE G
0923 202008 2010-04-01	FISH SCALE H
0923 202009 2011-05-01	FISH SCALE I
0923 202010 2011-05-01	FISH SCALE J
0923 218003 2001-02-01	VIKING C
0923 218004 2001-02-01	VIKING D
0923 218005 2005-05-01	VIKING E
0923 218006 2010-04-01	VIKING F
0923 218007 2007-12-01	VIKING G
0923 218008 2010-04-01	VIKING H
0923 218009 2010-09-01	VIKING I
0923 218602 2003-03-01	UPPER&MIDDLE VIKING B
0923 250001 2001-02-01	UPPER MANNVILLE A
0923 250003 2001-02-01	UPPER MANNVILLE C
0923 250004 2001-02-01	UPPER MANNVILLE D
0923 250005 2003-02-01	UPPER MANNVILLE E
0923 250006 2001-12-01	UPPER MANNVILLE F
0923 250007 2003-02-01	UPPER MANNVILLE G
0923 250008 2001-02-01	UPPER MANNVILLE H
0923 250009 2001-02-01	UPPER MANNVILLE I
0923 250011 2001-02-01	UPPER MANNVILLE K
0923 250012 2001-02-01	UPPER MANNVILLE L
0923 250014 2001-02-01	UPPER MANNVILLE N
0923 250015 2010-04-01	UPPER MANNVILLE O
0923 250016 2001-02-01	UPPER MANNVILLE P
0923 250017 2001-02-01	UPPER MANNVILLE Q
0923 250018 2001-02-01	UPPER MANNVILLE R
0923 250020 2001-02-01	UPPER MANNVILLE T
0923 250021 2001-02-01	UPPER MANNVILLE U
0923 250023 2001-02-01	UPPER MANNVILLE W
0923 250024 2001-02-01	UPPER MANNVILLE X
0923 250026 2001-02-01	UPPER MANNVILLE Z
0923 250028 2001-02-01	UPPER MANNVILLE BB
0923 250030 2001-02-01	UPPER MANNVILLE DD
0923 250031 2001-02-01	UPPER MANNVILLE EE

**POOL DESIGNATION (cont'd)**

0923 250032	2001-02-01	UPPER MANNVILLE FF
0923 250033	2001-02-01	UPPER MANNVILLE GG
0923 250035	2001-02-01	UPPER MANNVILLE II
0923 250036	2010-04-01	UPPER MANNVILLE JJ
0923 250037	2001-02-01	UPPER MANNVILLE KK
0923 250038	2010-04-01	UPPER MANNVILLE LL
0923 250039	2001-02-01	UPPER MANNVILLE MM
0923 250041	2001-02-01	UPPER MANNVILLE OO
0923 250042	2001-02-01	UPPER MANNVILLE PP
0923 250043	2001-02-01	UPPER MANNVILLE QQ
0923 250046	2001-02-01	UPPER MANNVILLE TT
0923 250047	2010-04-01	UPPER MANNVILLE UU
0923 250048	2002-01-01	UPPER MANNVILLE VV
0923 250049	2005-07-01	UPPER MANNVILLE WW
0923 250050	2010-04-01	UPPER MANNVILLE XX
0923 250051	2011-05-01	UPPER MANNVILLE YY
0923 250702	2010-04-01	UPPER MANNVILLE BBB
0923 250703	2010-04-01	UPPER MANNVILLE CCC
0923 250704	2001-02-01	UPPER MANNVILLE DDD
0923 250705	2001-02-01	UPPER MANNVILLE EEE
0923 250706	2001-02-01	UPPER MANNVILLE FFF
0923 250708	2001-02-01	UPPER MANNVILLE HHH
0923 250709	2001-02-01	UPPER MANNVILLE III
0923 250711	2001-02-01	UPPER MANNVILLE KKK
0923 250712	2001-02-01	UPPER MANNVILLE LLL
0923 250713	2010-04-01	UPPER MANNVILLE MMM
0923 250714	2010-04-01	UPPER MANNVILLE NNN
0923 250715	2001-02-01	UPPER MANNVILLE OOO
0923 250716	2001-02-01	UPPER MANNVILLE PPP
0923 250717	2001-02-01	UPPER MANNVILLE QQQ
0923 250718	2001-02-01	UPPER MANNVILLE RRR
0923 250719	2001-02-01	UPPER MANNVILLE SSS
0923 250720	2001-02-01	UPPER MANNVILLE TTT
0923 250721	2001-02-01	UPPER MANNVILLE UUU
0923 250722	2010-10-01	UPPER MANNVILLE VVV
0923 250723	2001-02-01	UPPER MANNVILLE WWW
0923 250724	2001-02-01	UPPER MANNVILLE XXX
0923 250725	2001-02-01	UPPER MANNVILLE YYY

**POOL DESIGNATION (cont'd)**

0923 250726 2005-07-01	UPPER MANNVILLE ZZZ
0923 250727 2001-02-01	UPPER MANNVILLE A2A
0923 250728 2010-04-01	UPPER MANNVILLE B2B
0923 250730 2001-02-01	UPPER MANNVILLE D2D
0923 250731 2001-02-01	UPPER MANNVILLE E2E
0923 250732 2001-02-01	UPPER MANNVILLE F2F
0923 250733 2001-02-01	UPPER MANNVILLE G2G
0923 250734 2010-04-01	UPPER MANNVILLE H2H
0923 250735 2001-02-01	UPPER MANNVILLE I2I
0923 250736 2001-02-01	UPPER MANNVILLE J2J
0923 250737 2001-02-01	UPPER MANNVILLE K2K
0923 250738 2001-02-01	UPPER MANNVILLE L2L
0923 250739 2011-10-01	UPPER MANNVILLE M2M
0923 250740 2001-02-01	UPPER MANNVILLE N2N
0923 250741 2001-02-01	UPPER MANNVILLE O2O
0923 250742 2001-02-01	UPPER MANNVILLE P2P
0923 250743 2001-02-01	UPPER MANNVILLE Q2Q
0923 250744 2001-02-01	UPPER MANNVILLE R2R
0923 250745 2001-02-01	UPPER MANNVILLE S2S
0923 250746 2009-02-01	UPPER MANNVILLE T2T
0923 250747 2001-02-01	UPPER MANNVILLE U2U
0923 250748 2001-02-01	UPPER MANNVILLE V2V
0923 250749 2001-02-01	UPPER MANNVILLE W2W
0923 250750 2001-02-01	UPPER MANNVILLE X2X
0923 250751 2001-02-01	UPPER MANNVILLE Y2Y
0923 250752 2001-02-01	UPPER MANNVILLE Z2Z
0923 251102 2001-02-01	UPPER MANNVILLE B3B
0923 251103 2001-02-01	UPPER MANNVILLE C3C
0923 251104 2001-02-01	UPPER MANNVILLE D3D
0923 251106 2001-02-01	UPPER MANNVILLE F3F
0923 251108 2001-02-01	UPPER MANNVILLE H3H
0923 251109 2001-02-01	UPPER MANNVILLE I3I
0923 251110 2001-02-01	UPPER MANNVILLE J3J
0923 251111 2001-02-01	UPPER MANNVILLE K3K
0923 251112 2001-02-01	UPPER MANNVILLE L3L
0923 251113 2001-02-01	UPPER MANNVILLE M3M
0923 251114 2006-10-01	UPPER MANNVILLE N3N
0923 251115 2001-02-01	UPPER MANNVILLE O3O

**POOL DESIGNATION (cont'd)**

0923 251116	2006-09-01	UPPER MANNVILLE P3P
0923 251117	2001-02-01	UPPER MANNVILLE Q3Q
0923 251118	2001-03-01	UPPER MANNVILLE R3R
0923 251119	2001-02-01	UPPER MANNVILLE S3S
0923 251120	2001-02-01	UPPER MANNVILLE T3T
0923 251121	2010-04-01	UPPER MANNVILLE U3U
0923 251122	2001-02-01	UPPER MANNVILLE V3V
0923 251124	2001-02-01	UPPER MANNVILLE X3X
0923 251125	2001-02-01	UPPER MANNVILLE Y3Y
0923 251126	2010-04-01	UPPER MANNVILLE Z3Z
0923 251127	2001-02-01	UPPER MANNVILLE A4A
0923 251128	2010-10-01	UPPER MANNVILLE B4B
0923 251129	2001-02-01	UPPER MANNVILLE C4C
0923 251130	2001-02-01	UPPER MANNVILLE D4D
0923 251131	2001-02-01	UPPER MANNVILLE E4E
0923 251132	2001-02-01	UPPER MANNVILLE F4F
0923 251133	2011-05-01	UPPER MANNVILLE G4G
0923 251134	2010-04-01	UPPER MANNVILLE H4H
0923 251135	2001-02-01	UPPER MANNVILLE I4I
0923 251136	2001-03-01	UPPER MANNVILLE J4J
0923 251139	2001-08-01	UPPER MANNVILLE M4M
0923 251140	2001-03-01	UPPER MANNVILLE N4N
0923 251142	2001-10-01	UPPER MANNVILLE P4P
0923 251143	2011-05-01	UPPER MANNVILLE Q4Q
0923 251144	2001-11-01	UPPER MANNVILLE R4R
0923 251145	2001-11-01	UPPER MANNVILLE S4S
0923 251146	2001-12-01	UPPER MANNVILLE T4T
0923 251147	2010-01-01	UPPER MANNVILLE U4U
0923 251148	2002-01-01	UPPER MANNVILLE V4V
0923 251149	2010-04-01	UPPER MANNVILLE W4W
0923 251150	2002-01-01	UPPER MANNVILLE X4X
0923 251151	2002-06-01	UPPER MANNVILLE Y4Y
0923 251152	2002-06-01	UPPER MANNVILLE Z4Z
0923 251501	2002-12-01	UPPER MANNVILLE A5A
0923 251502	2002-09-01	UPPER MANNVILLE B5B
0923 251503	2002-12-01	UPPER MANNVILLE C5C
0923 251504	2003-02-01	UPPER MANNVILLE D5D
0923 251505	2003-02-01	UPPER MANNVILLE E5E

**POOL DESIGNATION (cont'd)**

0923 251506 2003-02-01	UPPER MANNVILLE F5F
0923 251508 2005-06-01	UPPER MANNVILLE H5H
0923 251509 2003-06-01	UPPER MANNVILLE I5I
0923 251510 2004-03-01	UPPER MANNVILLE J5J
0923 251511 2010-04-01	UPPER MANNVILLE K5K
0923 251512 2005-02-01	UPPER MANNVILLE L5L
0923 251513 2006-02-01	UPPER MANNVILLE M5M
0923 251514 2006-04-01	UPPER MANNVILLE N5N
0923 251515 2006-09-01	UPPER MANNVILLE O5O
0923 251516 2006-09-01	UPPER MANNVILLE P5P
0923 251518 2007-12-01	UPPER MANNVILLE R5R
0923 251519 2010-04-01	UPPER MANNVILLE S5S
0923 251520 2007-12-01	UPPER MANNVILLE T5T
0923 251521 2007-12-01	UPPER MANNVILLE U5U
0923 251522 2010-04-01	UPPER MANNVILLE V5V
0923 251523 2010-04-01	UPPER MANNVILLE W5W
0923 251524 2008-01-01	UPPER MANNVILLE X5X
0923 251525 2008-01-01	UPPER MANNVILLE Y5Y
0923 251526 2011-09-01	UPPER MANNVILLE Z5Z
0923 251527 2009-05-01	UPPER MANNVILLE A6A
0923 251528 2009-10-01	UPPER MANNVILLE B6B
0923 251529 2009-08-01	UPPER MANNVILLE C6C
0923 251530 2010-04-01	UPPER MANNVILLE D6D
0923 251531 2010-10-01	UPPER MANNVILLE E6E
0923 251532 2010-12-01	UPPER MANNVILLE F6F
0923 251533 2011-04-01	UPPER MANNVILLE G6G
0923 251534 2011-04-01	UPPER MANNVILLE H6H
0923 251535 2011-06-01	UPPER MANNVILLE I6I
0923 251536 2011-06-01	UPPER MANNVILLE J6J
0923 251537 2011-06-01	UPPER MANNVILLE K6K
0923 251538 2011-06-01	UPPER MANNVILLE L6L
0923 251539 2011-06-01	UPPER MANNVILLE M6M
0923 251540 2011-08-01	UPPER MANNVILLE N6N
0923 251541 2011-08-01	UPPER MANNVILLE O6O
0923 251542 2011-10-01	UPPER MANNVILLE P6P
0923 251543 2011-12-01	UPPER MANNVILLE Q6Q
0923 256002 2001-02-01	COLONY B

**POOL DESIGNATION (cont'd)**

0923 256003	2003-02-01	COLONY C
0923 256004	2001-02-01	COLONY D
0923 256005	2001-02-01	COLONY E
0923 256006	2001-02-01	COLONY F
0923 256007	2001-02-01	COLONY G
0923 256019	2001-02-01	COLONY S
0923 256020	2001-02-01	COLONY T
0923 256021	2005-05-01	COLONY U
0923 256022	2001-02-01	COLONY V
0923 256024	2001-02-01	COLONY X
0923 256026	2001-02-01	COLONY Z
0923 256027	2001-10-01	COLONY AA
0923 256028	2001-02-01	COLONY BB
0923 256029	2004-05-01	COLONY CC
0923 256030	2001-02-01	COLONY DD
0923 256031	2001-02-01	COLONY EE
0923 256032	2001-02-01	COLONY FF
0923 256033	2010-04-01	COLONY GG
0923 256034	2010-04-01	COLONY HH
0923 256035	2001-02-01	COLONY II
0923 256036	2004-08-01	COLONY JJ
0923 256037	2001-02-01	COLONY KK
0923 256038	2001-12-01	COLONY LL
0923 256040	2001-02-01	COLONY NN
0923 256041	2001-02-01	COLONY OO
0923 256042	2002-06-01	COLONY PP
0923 256044	2001-02-01	COLONY RR
0923 256045	2010-04-01	COLONY SS
0923 256047	2001-02-01	COLONY UU
0923 256048	2001-02-01	COLONY VV
0923 256049	2001-02-01	COLONY WW
0923 256050	2001-02-01	COLONY XX
0923 256051	2001-02-01	COLONY YY
0923 256052	2002-09-01	COLONY ZZ
0923 256401	2001-02-01	COLONY AAA
0923 256402	2001-02-01	COLONY BBB
0923 256403	2001-02-01	COLONY CCC
0923 256404	2001-02-01	COLONY DDD

**POOL DESIGNATION (cont'd)**

0923 256405 2004-01-01	COLONY EEE
0923 256406 2001-02-01	COLONY FFF
0923 256407 2001-02-01	COLONY GGG
0923 256408 2001-02-01	COLONY HHH
0923 256409 2001-02-01	COLONY III
0923 256410 2006-06-01	COLONY JJJ
0923 256411 2001-02-01	COLONY KKK
0923 256412 2004-01-01	COLONY LLL
0923 256413 2001-02-01	COLONY MMM
0923 256414 2001-02-01	COLONY NNN
0923 256415 2002-05-01	COLONY OOO
0923 256417 2001-02-01	COLONY QQQ
0923 256418 2001-02-01	COLONY RRR
0923 256419 2001-02-01	COLONY SSS
0923 256420 2001-02-01	COLONY TTT
0923 256421 2006-07-01	COLONY UUU
0923 256422 2001-02-01	COLONY VVV
0923 256423 2001-02-01	COLONY WWW
0923 256424 2008-04-01	COLONY XXX
0923 256425 2001-02-01	COLONY YYY
0923 256426 2005-11-01	COLONY ZZZ
0923 256427 2001-02-01	COLONY A2A
0923 256428 2002-10-01	COLONY B2B
0923 256429 2001-02-01	COLONY C2C
0923 256430 2001-02-01	COLONY D2D
0923 256431 2011-03-01	COLONY E2E
0923 256432 2001-02-01	COLONY F2F
0923 256433 2001-02-01	COLONY G2G
0923 256434 2001-02-01	COLONY H2H
0923 256435 2001-02-01	COLONY I2I
0923 256436 2001-02-01	COLONY J2J
0923 256437 2010-10-01	COLONY K2K
0923 256438 2001-02-01	COLONY L2L
0923 256439 2001-02-01	COLONY M2M
0923 256440 2001-02-01	COLONY N2N
0923 256441 2010-10-01	COLONY O2O
0923 256443 2001-02-01	COLONY Q2Q
0923 256444 2001-02-01	COLONY R2R

**POOL DESIGNATION (cont'd)**

0923 256445	2001-02-01	COLONY S2S
0923 256446	2011-05-01	COLONY T2T
0923 256447	2001-02-01	COLONY U2U
0923 256448	2001-02-01	COLONY V2V
0923 256449	2001-02-01	COLONY W2W
0923 256450	2001-02-01	COLONY X2X
0923 256451	2011-09-01	COLONY Y2Y
0923 256452	2011-04-01	COLONY Z2Z
0923 258701	2001-02-01	COLONY A3A
0923 258702	2004-03-01	COLONY B3B
0923 258703	2010-04-01	COLONY C3C
0923 258704	2001-03-01	COLONY D3D
0923 258705	2004-08-01	COLONY E3E
0923 258706	2001-10-01	COLONY F3F
0923 258707	2001-10-01	COLONY G3G
0923 258708	2001-11-01	COLONY H3H
0923 258709	2001-12-01	COLONY I3I
0923 258710	2001-12-01	COLONY J3J
0923 258711	2002-02-01	COLONY K3K
0923 258712	2001-12-01	COLONY L3L
0923 258713	2002-01-01	COLONY M3M
0923 258714	2002-02-01	COLONY N3N
0923 258715	2010-04-01	COLONY O3O
0923 258716	2002-09-01	COLONY P3P
0923 258717	2002-07-01	COLONY Q3Q
0923 258718	2002-06-01	COLONY R3R
0923 258719	2010-04-01	COLONY S3S
0923 258720	2002-09-01	COLONY T3T
0923 258721	2010-04-01	COLONY U3U
0923 258722	2002-11-01	COLONY V3V
0923 258723	2002-11-01	COLONY W3W
0923 258724	2002-11-01	COLONY X3X
0923 258725	2003-02-01	COLONY Y3Y
0923 258726	2005-09-01	COLONY Z3Z
0923 258727	2003-07-01	COLONY A4A
0923 258728	2004-01-01	COLONY B4B
0923 258729	2004-02-01	COLONY C4C
0923 258730	2010-04-01	COLONY D4D

**POOL DESIGNATION (cont'd)**

0923 258731 2004-08-01 COLONY E4E  
0923 258732 2004-08-01 COLONY F4F  
0923 258733 2010-04-01 COLONY G4G  
0923 258734 2008-05-01 COLONY H4H  
0923 258735 2005-02-01 COLONY I4I  
0923 258736 2005-02-01 COLONY J4J  
0923 258737 2005-09-01 COLONY K4K  
0923 258738 2006-04-01 COLONY L4L  
0923 258739 2006-09-01 COLONY M4M  
0923 258740 2006-09-01 COLONY N4N  
0923 258741 2006-09-01 COLONY O4O  
0923 258742 2006-11-01 COLONY P4P  
0923 258743 2007-02-01 COLONY Q4Q  
0923 258744 2007-12-01 COLONY R4R  
0923 258745 2008-01-01 COLONY S4S  
0923 258746 2008-11-01 COLONY T4T  
0923 258747 2009-08-01 COLONY U4U  
0923 258748 2010-02-01 COLONY V4V  
0923 258749 2010-08-01 COLONY W4W  
0923 258750 2010-09-01 COLONY X4X  
0923 258751 2010-09-01 COLONY Y4Y  
0923 258752 2010-12-01 COLONY Z4Z

0923 276005 2010-04-01 SPARKY E  
0923 276006 2010-04-01 SPARKY F  
0923 276007 2011-02-01 SPARKY G  
0923 276009 2001-02-01 SPARKY I  
0923 276010 2001-02-01 SPARKY J  
0923 276011 2001-02-01 SPARKY K  
0923 276012 2001-02-01 SPARKY L  
0923 276015 2001-02-01 SPARKY O  
0923 276016 2001-02-01 SPARKY P  
0923 276017 2002-12-01 SPARKY Q  
0923 276018 2001-02-01 SPARKY R  
0923 276019 2001-02-01 SPARKY S  
0923 276020 2001-02-01 SPARKY T  
0923 276022 2001-02-01 SPARKY V  
0923 276023 2010-04-01 SPARKY W

**POOL DESIGNATION (cont'd)**

0923 276024 2001-02-01	SPARKY X
0923 276025 2006-01-01	SPARKY Y
0923 276026 2010-10-01	SPARKY Z
0923 276027 2001-02-01	SPARKY AA
0923 276028 2001-02-01	SPARKY BB
0923 276036 2006-08-01	SPARKY JJ
0923 276038 2001-02-01	SPARKY LL
0923 276039 2001-02-01	SPARKY MM
0923 276040 2011-05-01	SPARKY NN
0923 276041 2001-02-01	SPARKY OO
0923 276042 2010-04-01	SPARKY PP
0923 276043 2001-02-01	SPARKY QQ
0923 276044 2001-02-01	SPARKY RR
0923 276045 2009-11-01	SPARKY SS
0923 276046 2001-02-01	SPARKY TT
0923 276047 2001-02-01	SPARKY UU
0923 276048 2001-02-01	SPARKY VV
0923 276049 2001-02-01	SPARKY WW
0923 276051 2010-04-01	SPARKY YY
0923 276052 2006-09-01	SPARKY ZZ
0923 276301 2010-04-01	SPARKY A3A
0923 276302 2010-04-01	SPARKY B3B
0923 276303 2003-11-01	SPARKY C3C
0923 276304 2001-11-01	SPARKY D3D
0923 276305 2002-01-01	SPARKY E3E
0923 276306 2002-01-01	SPARKY F3F
0923 276307 2002-02-01	SPARKY G3G
0923 276308 2002-02-01	SPARKY H3H
0923 276309 2002-04-01	SPARKY I3I
0923 276310 2002-07-01	SPARKY J3J
0923 276311 2002-10-01	SPARKY K3K
0923 276312 2002-12-01	SPARKY L3L
0923 276313 2004-01-01	SPARKY M3M
0923 276314 2003-03-01	SPARKY N3N
0923 276315 2003-09-01	SPARKY O3O
0923 276316 2004-01-01	SPARKY P3P
0923 276317 2010-04-01	SPARKY Q3Q
0923 276318 2010-04-01	SPARKY R3R

**POOL DESIGNATION (cont'd)**

0923 276319 2004-02-01	SPARKY S3S
0923 276320 2010-04-01	SPARKY T3T
0923 276321 2010-04-01	SPARKY U3U
0923 276322 2004-07-01	SPARKY V3V
0923 276323 2004-11-01	SPARKY W3W
0923 276324 2005-01-01	SPARKY X3X
0923 276325 2006-11-01	SPARKY Y3Y
0923 276326 2005-05-01	SPARKY Z3Z
0923 276327 2006-01-01	SPARKY A4A
0923 276328 2006-04-01	SPARKY B4B
0923 276329 2011-05-01	SPARKY C4C
0923 276330 2006-10-01	SPARKY D4D
0923 276331 2006-10-01	SPARKY E4E
0923 276332 2006-10-01	SPARKY F4F
0923 276333 2010-04-01	SPARKY G4G
0923 276334 2006-11-01	SPARKY H4H
0923 276335 2007-11-01	SPARKY I4I
0923 276336 2007-12-01	SPARKY J4J
0923 276337 2007-12-01	SPARKY K4K
0923 276338 2007-12-01	SPARKY L4L
0923 276339 2007-12-01	SPARKY M4M
0923 276340 2010-04-01	SPARKY N4N
0923 276341 2009-05-01	SPARKY O4O
0923 276342 2009-05-01	SPARKY P4P
0923 276343 2009-07-01	SPARKY Q4Q
0923 276344 2009-08-01	SPARKY R4R
0923 276345 2010-02-01	SPARKY S4S
0923 276346 2010-05-01	SPARKY T4T
0923 276347 2010-10-01	SPARKY U4U
0923 276348 2011-05-01	SPARKY V4V
0923 276349 2011-05-01	SPARKY W4W
0923 276350 2011-05-01	SPARKY X4X
0923 276351 2011-05-01	SPARKY Y4Y
0923 276352 2011-12-01	SPARKY Z4Z
0923 278000 2009-04-01	WAINWRIGHT
0923 278002 2010-04-01	WAINWRIGHT B
0923 278004 2001-02-01	WAINWRIGHT D

**POOL DESIGNATION (cont'd)**

0923 278005 2009-03-01	WAINWRIGHT E
0923 278006 2010-04-01	WAINWRIGHT F
0923 278007 2001-02-01	WAINWRIGHT G
0923 278008 2001-02-01	WAINWRIGHT H
0923 288001 2006-01-01	REX A
0923 288002 2005-06-01	REX B
0923 288003 2005-07-01	REX C
0923 288004 2006-11-01	REX D
0923 288005 2009-01-01	REX E
0923 288006 2010-04-01	REX F
0923 288007 2010-04-01	REX G
0923 294001 2010-04-01	LLOYDMINSTER A
0923 294002 2005-08-01	LLOYDMINSTER B
0923 294003 2005-05-01	LLOYDMINSTER C
0923 294004 2011-03-01	LLOYDMINSTER D
0923 294005 2006-09-01	LLOYDMINSTER E
0923 294006 2007-02-01	LLOYDMINSTER F
0923 294007 2009-10-01	LLOYDMINSTER G
0923 300010 2010-04-01	GLAUCONITIC J
0923 300012 2003-02-01	GLAUCONITIC L
0923 300013 2001-02-01	GLAUCONITIC M
0923 300015 2001-10-01	GLAUCONITIC O
0923 300017 2001-02-01	GLAUCONITIC Q
0923 300018 2001-02-01	GLAUCONITIC R
0923 300019 2001-02-01	GLAUCONITIC S
0923 300021 2001-02-01	GLAUCONITIC U
0923 300022 2001-02-01	GLAUCONITIC V
0923 300023 2001-02-01	GLAUCONITIC W
0923 300024 2001-02-01	GLAUCONITIC X
0923 300026 2001-02-01	GLAUCONITIC Z
0923 300027 2010-04-01	GLAUCONITIC AA
0923 300028 2001-02-01	GLAUCONITIC BB
0923 300029 2002-12-01	GLAUCONITIC CC
0923 300030 2001-02-01	GLAUCONITIC DD
0923 300031 2001-02-01	GLAUCONITIC EE

**POOL DESIGNATION (cont'd)**

0923 300032 2001-02-01	GLAUCONITIC FF
0923 300034 2001-02-01	GLAUCONITIC HH
0923 300035 2001-02-01	GLAUCONITIC II
0923 300036 2001-02-01	GLAUCONITIC JJ
0923 300037 2001-02-01	GLAUCONITIC KK
0923 300038 2001-02-01	GLAUCONITIC LL
0923 300039 2001-02-01	GLAUCONITIC MM
0923 300040 2001-02-01	GLAUCONITIC NN
0923 300041 2004-08-01	GLAUCONITIC OO
0923 300042 2001-02-01	GLAUCONITIC PP
0923 300043 2001-02-01	GLAUCONITIC QQ
0923 300044 2010-04-01	GLAUCONITIC RR
0923 300045 2001-11-01	GLAUCONITIC SS
0923 300046 2002-05-01	GLAUCONITIC TT
0923 300047 2002-08-01	GLAUCONITIC UU
0923 300048 2003-01-01	GLAUCONITIC VV
0923 300049 2003-02-01	GLAUCONITIC WW
0923 300050 2006-11-01	GLAUCONITIC XX
0923 300051 2010-04-01	GLAUCONITIC YY
0923 300052 2005-05-01	GLAUCONITIC ZZ
0923 300901 2006-02-01	GLAUCONITIC AAA
0923 300902 2006-04-01	GLAUCONITIC BBB
0923 300903 2010-04-01	GLAUCONITIC CCC
0923 302001 2010-04-01	CUMMINGS A
0923 302002 2005-06-01	CUMMINGS B
0923 302003 2005-07-01	CUMMINGS C
0923 310007 2001-02-01	LOWER MANNVILLE G
0923 310008 2001-02-01	LOWER MANNVILLE H
0923 310009 2001-02-01	LOWER MANNVILLE I
0923 310011 2001-02-01	LOWER MANNVILLE K
0923 310012 2001-02-01	LOWER MANNVILLE L
0923 310013 2001-02-01	LOWER MANNVILLE M
0923 310014 2001-02-01	LOWER MANNVILLE N
0923 310016 2001-02-01	LOWER MANNVILLE P
0923 310020 2001-02-01	LOWER MANNVILLE T
0923 310022 2001-02-01	LOWER MANNVILLE V

**POOL DESIGNATION (cont'd)**

0923 310023 2002-06-01	LOWER MANNVILLE W
0923 310024 2001-02-01	LOWER MANNVILLE X
0923 310026 2001-02-01	LOWER MANNVILLE Z
0923 310028 2011-11-01	LOWER MANNVILLE BB
0923 310030 2001-02-01	LOWER MANNVILLE DD
0923 310031 2001-02-01	LOWER MANNVILLE EE
0923 310032 2001-02-01	LOWER MANNVILLE FF
0923 310034 2001-02-01	LOWER MANNVILLE HH
0923 310035 2011-03-01	LOWER MANNVILLE II
0923 310036 2001-04-01	LOWER MANNVILLE JJ
0923 310037 2001-10-01	LOWER MANNVILLE KK
0923 310039 2002-09-01	LOWER MANNVILLE MM
0923 310040 2006-04-01	LOWER MANNVILLE NN
0923 310041 2006-09-01	LOWER MANNVILLE OO
0923 310042 2006-09-01	LOWER MANNVILLE PP
0923 310043 2006-10-01	LOWER MANNVILLE QQ
0923 310044 2007-11-01	LOWER MANNVILLE RR
0923 310045 2011-05-01	LOWER MANNVILLE SS
0923 658003 2001-02-01	WABAMUN C
0923 658004 2006-02-01	WABAMUN D
0923 658005 2010-04-01	WABAMUN E
0923 658006 2001-02-01	WABAMUN F
0923 658007 2001-02-01	WABAMUN G
0923 658008 2001-02-01	WABAMUN H
0923 658009 2001-02-01	WABAMUN I
0923 658010 2001-02-01	WABAMUN J
0923 658011 2001-12-01	WABAMUN K
0923 658012 2004-09-01	WABAMUN L
0923 658013 2002-05-01	WABAMUN M
0923 658014 2002-11-01	WABAMUN N
0923 658015 2005-02-01	WABAMUN O
0923 658016 2005-10-01	WABAMUN P
0923 658017 2006-07-01	WABAMUN Q
0923 658018 2010-04-01	WABAMUN R
0923 658019 2009-02-01	WABAMUN S
0923 658020 2011-03-01	WABAMUN T
0923 658021 2011-03-01	WABAMUN U

**POOL DESIGNATION (cont'd)**

0923 670001 2001-10-01 WINTERBURN A

0923 696002 2001-02-01 D-2 B

0923 696003 2001-02-01 D-2 C

0923 696004 2005-08-01 D-2 D

0923 696005 2010-04-01 D-2 E

0923 696006 2001-02-01 D-2 F

0923 696008 2011-05-01 D-2 H

0923 696010 2001-02-01 D-2 J

0923 696011 2001-02-01 D-2 K

0923 696013 2005-01-01 D-2 M

0923 696014 2010-04-01 D-2 N

0923 708000 2001-02-01 CAMROSE

0923 708002 2001-02-01 CAMROSE B

0923 708003 2001-02-01 CAMROSE C

0923 708004 2001-02-01 CAMROSE D

0923 708005 2003-02-01 CAMROSE E

0923 720000 2001-02-01 D-3

0923 720002 2001-02-01 D-3 B

0923 851800 2011-05-01 MFP8518 U&M VIKING

**SPACING PATTERN**

SU 4194 9 Jul 2004

SU 4194A 23 Aug 2004

SU 4194B 20 Nov 2004

SU 4194C 3 Feb 2005

SU 4194D 8 Apr 2005

SU 4194E 26 Jul 2005

SU 4194F 19 Dec 2005

SU 4194G 20 Dec 2005

SU 4194H 24 May 2006

SU 4194I 16 Oct 2006

**COMMINGLED PRODUCTION**

MU 7397 9 Apr 2010

**GAS ALLOWABLE**

GA 288 29 Feb 1984

**ENHANCED RECOVERY SCHEMES**

App 5803D 23 Sep 2010

Waterflood

Sparky F

Harvest Operations Corp.

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

App 6591 6 Aug 1991  
App 6591A 11 Sep 2003  
Waterflood  
Sparky F  
EnCana Corporation

App 7366 25 Nov 1993  
App 7366A 3 Feb 1995  
App 7366B 6 Dec 1996  
App 7366C 11 Sep 2003  
Waterflood  
Sparky F  
EnCana Corporation

App 7709 5 Apr 1995  
App 7709A 28 Jun 2000  
Waterflood  
Sparky F  
Burlington Resources Canada Energy Ltd.

App 7775 6 Jul 1995  
App 7775A 12 Feb 1997  
App 7775B 26 Nov 1997  
App 7775C 3 Aug 2000  
App 7775D 13 Dec 2001  
Waterflood  
Sparky I  
Tesoro Energy Corp.

App 8556F 7 Apr 2011  
Waterflood  
Upper Mannville A4A  
Cenovus Energy Inc.

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

App 8647D 30 Jun 2011  
Waterflood  
Sparky PP & YY  
Cenovus Energy Inc.

App 8703C 17 Feb 2011  
Waterflood  
Upper Mannville Z3Z  
Taqa North Ltd.

App 8804B 2 Feb 2009  
Waterflood  
Sparky G  
Canadian Natural Resources Limited

App 9103A 22 Sep 2010  
Waterflood  
Sparky F  
Harvest Operations Corp.

App 9951G 14 Jun 2011  
Waterflood  
Wainwright B  
Harvest Operations Corp.

App 9967C 10 Dec 2010  
Waterflood  
Sparky F  
ConocoPhillips Canada Resources Corp.

App 10171G 20 Apr 2011  
Waterflood  
Sparky E  
Cenovus Energy Inc.

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

App 10345 19 Aug 2005  
Waterflood  
Sparky E  
Canadian Natural Resources Limited

App 10615F 28 Jul 2011  
Waterflood  
Sparky JJ  
Cenovus Energy Inc.

App 11195A 24 Feb 2010  
Chemical  
Wainwright B  
Harvest Operations Corp.

App 11324B 18 Apr 2011  
Waterflood  
Upper Mannville K5K, X and Z3Z  
Cenovus Energy Inc.

App 11486 24 Aug 2010  
Waterflood  
Sparky PP & YY  
Harvest Operations Corp.

App 11612 28 Jul 2011  
Waterflood  
Upper Mannville Z5Z  
Twin Butte Energy Ltd.

**CONCURRENT PRODUCTION**

MISC 8422 9 Oct 1984  
Upper Mannville CCC

**SUBSURFACE DISPOSAL SCHEMES**

App 2183 21 Nov 1975  
App 2183A 1 Nov 1976  
Class II  
Pacific Petroleum Ltd.

App 5929 29 Mar 1989  
Class II  
Paloma Petroleum Ltd.

App 8447 1 Mar 1999  
Class II  
Palliser Energy Corp.

App 8526 6 Jul 1999  
Class II  
Dominion Energy Canada Inc.

App 11719 4 Nov 2011  
Class II  
Perpetual Energy Operating Corp.

**COMPULSORY POOLING**

P 125 25 May 1995  
Gas production/section 17-45-7W4M  
Benson Petroleum Ltd.

P 125A 4 Apr 2007  
Mannville Gas section 17-45-7W4M  
Penn West Petroleum Ltd.

P 132 23 Nov 1995  
Gas production/section 15-49-11 W4M  
PB Resources Inc.

P 148 11 Dec 1996  
Gas production/section 5-048-10W4M  
Northwestern Utilities Ltd.

**FIELD DESIGNATION**

0925 2002-12-01 VIRGINIA HILLS FIELD

**POOL DESIGNATION**

0925 126001 2009-03-01 BELLY RIVER A

0925 218002 2001-03-01 VIKING B

0925 218003 2001-09-01 VIKING C

0925 218004 2001-09-01 VIKING D

0925 218005 2001-03-01 VIKING E

0925 218006 2010-04-01 VIKING F

0925 218007 2002-03-01 VIKING G

0925 218008 2009-03-01 VIKING H

0925 218009 2009-05-01 VIKING I

0925 326001 2001-02-01 GETHING A

0925 326002 2004-07-01 GETHING B

0925 326003 2001-03-01 GETHING C

0925 326004 2001-03-01 GETHING D

0925 326005 2001-04-01 GETHING E

0925 326006 2002-12-01 GETHING F

0925 326007 2003-04-01 GETHING G

0925 326008 2009-06-01 GETHING H

0925 556001 2010-04-01 BELLOY A

0925 640001 2001-03-01 SHUNDA A

0925 696001 2006-01-01 NISKU A

0925 744000 2011-12-01 BEAVERHILL LAKE

0925 744005 2001-02-01 BEAVERHILL LAKE E

0925 744006 2003-12-01 BEAVERHILL LAKE F

**SPACING PATTERN**

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

**COMMINGLED PRODUCTION**

MU 5554 27 Apr 2006

**ENHANCED RECOVERY SCHEMES**

App 2313D 4 Aug 2011  
Waterflood  
Beaverhill Lake  
Penn West Petroleum Ltd.

App 4023B 10 Dec 2008  
Waterflood  
Beaverhill Lake  
Penn West Petroleum Ltd.

App 10072H 15 Nov 2011  
Waterflood  
Belloy A  
Apache Canada Ltd.

App 10388C 8 Jan 2008  
Waterflood  
Nisku A  
Tristar Oil & Gas Ltd.

App 11462 21 Jun 2010  
Waterflood  
Beaverhill Lake  
Penn West Petroleum Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 3316 25 May 1981  
Water disposal  
Shell Canada Resources Limited

App 3849A 12 Jan 2011  
Class II  
Chinook Energy Inc.

App 10063A 11 Feb 2011  
Class III Acid Gas  
Apache Canada Ltd.

**FIELD DESIGNATION**

0926 2008-05-01                      VIRGO FIELD

**POOL DESIGNATION**

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

**POOL DESIGNATION (cont'd)**

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

**POOL DESIGNATION (cont'd)**

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

**POOL DESIGNATION (cont'd)**

0926 767530 2008-06-01     SULPHUR POINT DD  
0926 767531 2008-06-01     SULPHUR POINT EE  
0926 767532 2008-06-01     SULPHUR POINT FF  
0926 767533 2010-04-01     SULPHUR POINT GG  
0926 767534 2008-08-01     SULPHUR POINT HH  
0926 767535 2009-01-01     SULPHUR POINT II  
0926 767536 2009-01-01     SULPHUR POINT JJ  
0926 767537 2009-02-01     SULPHUR POINT KK  
0926 767538 2009-04-01     SULPHUR POINT LL

0926 768501 2012-02-01     MUSKEG A  
0926 768502 2010-05-01     MUSKEG B  
0926 768503 2008-06-01     MUSKEG C  
0926 768504 2008-06-01     MUSKEG D  
0926 768505 2008-06-01     MUSKEG E  
0926 768507 2008-06-01     MUSKEG G  
0926 768509 2010-04-01     MUSKEG I  
0926 768510 2008-06-01     MUSKEG J  
0926 768511 2008-06-01     MUSKEG K  
0926 768512 2010-04-01     MUSKEG L  
0926 768513 2010-05-01     MUSKEG M  
0926 768514 2008-06-01     MUSKEG N  
0926 768515 2008-06-01     MUSKEG O  
0926 768516 2008-06-01     MUSKEG P  
0926 768517 2008-06-01     MUSKEG Q  
0926 768518 2008-06-01     MUSKEG R  
0926 768519 2008-06-01     MUSKEG S  
0926 768520 2010-04-01     MUSKEG T  
0926 768521 2008-06-01     MUSKEG U  
0926 768522 2008-06-01     MUSKEG V  
0926 768523 2010-04-01     MUSKEG W  
0926 768524 2008-06-01     MUSKEG X  
0926 768525 2008-06-01     MUSKEG Y  
0926 768526 2008-06-01     MUSKEG Z  
0926 768527 2008-06-01     MUSKEG AA  
0926 768528 2008-06-01     MUSKEG BB  
0926 768529 2008-06-01     MUSKEG CC  
0926 768530 2008-06-01     MUSKEG DD

**POOL DESIGNATION (cont'd)**

0926 768531	2008-06-01	MUSKEG EE
0926 768532	2010-04-01	MUSKEG FF
0926 768533	2008-10-01	MUSKEG GG
0926 768534	2008-10-01	MUSKEG HH
0926 768535	2009-03-01	MUSKEG II
0926 772101	2008-06-01	KEG RIVER A
0926 772102	2008-06-01	KEG RIVER B
0926 772103	2008-06-01	KEG RIVER C
0926 772104	2008-06-01	KEG RIVER D
0926 772105	2008-06-01	KEG RIVER E
0926 772106	2008-06-01	KEG RIVER F
0926 772107	2008-06-01	KEG RIVER G
0926 772108	2010-04-01	KEG RIVER H
0926 772109	2008-06-01	KEG RIVER I
0926 772110	2008-06-01	KEG RIVER J
0926 772111	2008-06-01	KEG RIVER K
0926 772112	2008-06-01	KEG RIVER L
0926 772113	2008-06-01	KEG RIVER M
0926 772114	2008-06-01	KEG RIVER N
0926 772115	2008-06-01	KEG RIVER O
0926 772116	2010-04-01	KEG RIVER P
0926 772117	2008-06-01	KEG RIVER Q
0926 772118	2008-06-01	KEG RIVER R
0926 772119	2008-06-01	KEG RIVER S
0926 772120	2008-06-01	KEG RIVER T
0926 772121	2008-06-01	KEG RIVER U
0926 772122	2008-06-01	KEG RIVER V
0926 772123	2010-04-01	KEG RIVER W
0926 772124	2011-04-01	KEG RIVER X
0926 772125	2009-04-01	KEG RIVER Y
0926 772126	2008-06-01	KEG RIVER Z
0926 772127	2008-06-01	KEG RIVER AA
0926 772128	2008-06-01	KEG RIVER BB
0926 772129	2008-06-01	KEG RIVER CC
0926 772130	2010-04-01	KEG RIVER DD
0926 772131	2008-06-01	KEG RIVER EE
0926 772132	2008-06-01	KEG RIVER FF

**POOL DESIGNATION (cont'd)**

0926 772133 2008-06-01	KEG RIVER GG
0926 772134 2008-06-01	KEG RIVER HH
0926 772135 2008-06-01	KEG RIVER II
0926 772136 2011-11-01	KEG RIVER JJ
0926 772137 2008-06-01	KEG RIVER KK
0926 772138 2008-06-01	KEG RIVER LL
0926 772139 2008-06-01	KEG RIVER MM
0926 772140 2008-06-01	KEG RIVER NN
0926 772141 2008-06-01	KEG RIVER OO
0926 772142 2008-06-01	KEG RIVER PP
0926 772143 2008-06-01	KEG RIVER QQ
0926 772144 2008-06-01	KEG RIVER RR
0926 772145 2010-05-01	KEG RIVER SS
0926 772146 2008-06-01	KEG RIVER TT
0926 772148 2010-04-01	KEG RIVER VV
0926 772149 2008-06-01	KEG RIVER WW
0926 772150 2008-06-01	KEG RIVER XX
0926 772151 2008-06-01	KEG RIVER YY
0926 772152 2008-06-01	KEG RIVER ZZ
0926 772201 2008-06-01	KEG RIVER AAA
0926 772202 2008-06-01	KEG RIVER BBB
0926 772203 2008-06-01	KEG RIVER CCC
0926 772204 2008-06-01	KEG RIVER DDD
0926 772205 2008-06-01	KEG RIVER EEE
0926 772206 2010-04-01	KEG RIVER FFF
0926 772207 2008-06-01	KEG RIVER GGG
0926 772208 2008-06-01	KEG RIVER HHH
0926 772209 2008-06-01	KEG RIVER III
0926 772210 2008-06-01	KEG RIVER JJJ
0926 772211 2008-06-01	KEG RIVER KKK
0926 772212 2008-06-01	KEG RIVER LLL
0926 772213 2008-06-01	KEG RIVER MMM
0926 772214 2008-06-01	KEG RIVER NNN
0926 772215 2010-04-01	KEG RIVER OOO
0926 772216 2008-06-01	KEG RIVER PPP
0926 772217 2010-04-01	KEG RIVER QQQ
0926 772218 2008-06-01	KEG RIVER RRR
0926 772219 2008-06-01	KEG RIVER SSS

**POOL DESIGNATION (cont'd)**

0926 772220	2008-06-01	KEG RIVER TTT
0926 772221	2010-04-01	KEG RIVER UUU
0926 772222	2008-06-01	KEG RIVER VVV
0926 772223	2012-02-01	KEG RIVER WWW
0926 772225	2010-04-01	KEG RIVER YYY
0926 772226	2008-06-01	KEG RIVER ZZZ
0926 772227	2008-06-01	KEG RIVER A2A
0926 772228	2008-06-01	KEG RIVER B2B
0926 772229	2008-06-01	KEG RIVER C2C
0926 772230	2008-06-01	KEG RIVER D2D
0926 772231	2008-06-01	KEG RIVER E2E
0926 772232	2008-06-01	KEG RIVER F2F
0926 772233	2008-06-01	KEG RIVER G2G
0926 772234	2008-06-01	KEG RIVER H2H
0926 772235	2008-06-01	KEG RIVER I2I
0926 772236	2008-06-01	KEG RIVER J2J
0926 772237	2008-06-01	KEG RIVER K2K
0926 772238	2008-06-01	KEG RIVER L2L
0926 772239	2008-06-01	KEG RIVER M2M
0926 772240	2008-06-01	KEG RIVER N2N
0926 772241	2008-06-01	KEG RIVER O2O
0926 772242	2008-06-01	KEG RIVER P2P
0926 772243	2008-06-01	KEG RIVER Q2Q
0926 772244	2008-06-01	KEG RIVER R2R
0926 772245	2008-06-01	KEG RIVER S2S
0926 772246	2008-06-01	KEG RIVER T2T
0926 772247	2008-06-01	KEG RIVER U2U
0926 772248	2008-06-01	KEG RIVER V2V
0926 772249	2010-04-01	KEG RIVER W2W
0926 772250	2008-06-01	KEG RIVER X2X
0926 772251	2008-11-01	KEG RIVER Y2Y
0926 772252	2008-06-01	KEG RIVER Z2Z
0926 772301	2008-06-01	KEG RIVER A3A
0926 772302	2008-06-01	KEG RIVER B3B
0926 772303	2010-04-01	KEG RIVER C3C
0926 772304	2008-06-01	KEG RIVER D3D
0926 772305	2008-06-01	KEG RIVER E3E
0926 772306	2008-06-01	KEG RIVER F3F

**POOL DESIGNATION (cont'd)**

0926 772307 2008-06-01	KEG RIVER G3G
0926 772308 2008-06-01	KEG RIVER H3H
0926 772309 2008-06-01	KEG RIVER I3I
0926 772310 2008-06-01	KEG RIVER J3J
0926 772311 2008-06-01	KEG RIVER K3K
0926 772312 2008-06-01	KEG RIVER L3L
0926 772313 2008-06-01	KEG RIVER M3M
0926 772314 2008-06-01	KEG RIVER N3N
0926 772315 2008-06-01	KEG RIVER O3O
0926 772316 2008-06-01	KEG RIVER P3P
0926 772317 2008-06-01	KEG RIVER Q3Q
0926 772318 2008-06-01	KEG RIVER R3R
0926 772319 2008-06-01	KEG RIVER S3S
0926 772320 2010-04-01	KEG RIVER T3T
0926 772321 2008-06-01	KEG RIVER U3U
0926 772322 2008-06-01	KEG RIVER V3V
0926 772323 2008-06-01	KEG RIVER W3W
0926 772324 2008-06-01	KEG RIVER X3X
0926 772325 2008-06-01	KEG RIVER Y3Y
0926 772326 2008-06-01	KEG RIVER Z3Z
0926 772327 2008-06-01	KEG RIVER A4A
0926 772328 2008-06-01	KEG RIVER B4B
0926 772329 2008-06-01	KEG RIVER C4C
0926 772330 2008-06-01	KEG RIVER D4D
0926 772331 2008-06-01	KEG RIVER E4E
0926 772332 2008-06-01	KEG RIVER F4F
0926 772333 2010-04-01	KEG RIVER G4G
0926 772334 2008-06-01	KEG RIVER H4H
0926 772335 2008-06-01	KEG RIVER I4I
0926 772336 2010-04-01	KEG RIVER J4J
0926 772337 2008-06-01	KEG RIVER K4K
0926 772338 2008-06-01	KEG RIVER L4L
0926 772339 2008-06-01	KEG RIVER M4M
0926 772340 2008-06-01	KEG RIVER N4N
0926 772341 2008-06-01	KEG RIVER O4O
0926 772342 2008-06-01	KEG RIVER P4P
0926 772343 2008-06-01	KEG RIVER Q4Q
0926 772344 2008-06-01	KEG RIVER R4R

**POOL DESIGNATION (cont'd)**

0926 772345 2008-06-01	KEG RIVER S4S
0926 772348 2008-06-01	KEG RIVER V4V
0926 772349 2008-06-01	KEG RIVER W4W
0926 772350 2008-06-01	KEG RIVER X4X
0926 772351 2008-06-01	KEG RIVER Y4Y
0926 772352 2008-06-01	KEG RIVER Z4Z
0926 772401 2008-06-01	KEG RIVER A5A
0926 772402 2008-06-01	KEG RIVER B5B
0926 772403 2008-06-01	KEG RIVER C5C
0926 772404 2008-06-01	KEG RIVER D5D
0926 772405 2008-06-01	KEG RIVER E5E
0926 772406 2010-04-01	KEG RIVER F5F
0926 772407 2008-06-01	KEG RIVER G5G
0926 772408 2008-06-01	KEG RIVER H5H
0926 772409 2008-06-01	KEG RIVER I5I
0926 772410 2008-06-01	KEG RIVER J5J
0926 772411 2008-06-01	KEG RIVER K5K
0926 772412 2008-06-01	KEG RIVER L5L
0926 772413 2008-06-01	KEG RIVER M5M
0926 772414 2008-06-01	KEG RIVER N5N
0926 772415 2008-06-01	KEG RIVER O5O
0926 772416 2008-06-01	KEG RIVER P5P
0926 772417 2008-06-01	KEG RIVER Q5Q
0926 772418 2008-06-01	KEG RIVER R5R
0926 772419 2008-06-01	KEG RIVER S5S
0926 772420 2008-06-01	KEG RIVER T5T
0926 772421 2008-06-01	KEG RIVER U5U
0926 772422 2008-06-01	KEG RIVER V5V
0926 772423 2008-06-01	KEG RIVER W5W
0926 772424 2008-06-01	KEG RIVER X5X
0926 772425 2008-06-01	KEG RIVER Y5Y
0926 772426 2008-06-01	KEG RIVER Z5Z
0926 772427 2008-06-01	KEG RIVER A6A
0926 772428 2008-06-01	KEG RIVER B6B
0926 772429 2008-06-01	KEG RIVER C6C
0926 772430 2008-06-01	KEG RIVER D6D
0926 772431 2008-06-01	KEG RIVER E6E
0926 772432 2008-06-01	KEG RIVER F6F

**POOL DESIGNATION (cont'd)**

0926 772433	2008-06-01	KEG RIVER G6G
0926 772434	2008-06-01	KEG RIVER H6H
0926 772435	2008-06-01	KEG RIVER I6I
0926 772436	2008-06-01	KEG RIVER J6J
0926 772437	2008-06-01	KEG RIVER K6K
0926 772438	2008-06-01	KEG RIVER L6L
0926 772439	2008-06-01	KEG RIVER M6M
0926 772440	2008-06-01	KEG RIVER N6N
0926 772441	2008-06-01	KEG RIVER O6O
0926 772442	2008-06-01	KEG RIVER P6P
0926 772443	2008-06-01	KEG RIVER Q6Q
0926 772444	2008-06-01	KEG RIVER R6R
0926 772445	2008-06-01	KEG RIVER S6S
0926 772446	2008-06-01	KEG RIVER T6T
0926 772447	2008-06-01	KEG RIVER U6U
0926 772448	2010-04-01	KEG RIVER V6V
0926 772449	2008-06-01	KEG RIVER W6W
0926 772450	2008-06-01	KEG RIVER X6X
0926 772451	2008-06-01	KEG RIVER Y6Y
0926 772452	2008-06-01	KEG RIVER Z6Z
0926 772501	2008-06-01	KEG RIVER A7A
0926 772502	2009-03-01	KEG RIVER B7B
0926 772503	2009-04-01	KEG RIVER C7C
0926 772504	2009-03-01	KEG RIVER D7D
0926 772505	2010-04-01	KEG RIVER E7E

**SPACING PATTERN**

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

**COMMINGLED PRODUCTION**

MU 6623	14 Jun 2007
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**ENHANCED RECOVERY SCHEMES**

App 9954A	9 Sep 2010
Waterflood	
Keg River W	
Apache Canada Ltd.	

App 10305	17 Jun 2005
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**ENHANCED RECOVERY SCHEMES  
(cont'd)**

App 10305B 16 Sep 2010  
Waterflood  
Keg River TTT  
Apache Canada Ltd.

App 10331A 31 Aug 2010  
Waterflood  
Keg River D2D  
Apache Canada Ltd.

App 10375A 18 Sep 2008  
Waterflood  
Muskeg C  
Apache Canada Ltd.

App 10550A 31 Aug 2010  
Waterflood  
Keg River BBB  
Apache Canada Ltd.

**SUBSURFACE DISPOSAL SCHEMES**

App 4405 8 Jan 1985  
App 4405A 7 May 1993  
Class II  
J. M. Huber Corporation

App 4657 30 Aug 1985  
App 4657A 2 Nov 1994  
Class II  
Kuma Resources Ltd.

App 5809 2 Nov 1988  
Class II  
Saba Energy Ltd.

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

App 7373 24 Nov 1993  
Class II  
Ulster Petroleum Ltd.

App 7757 23 Jun 1995  
Class II  
Amber Energy Inc.

App 8355 16 Jun 1998  
Class II  
Petro-Canada

App 10549 24 May 2006  
Class II  
Apache Canada Ltd.

App 11374 27 Nov 2009  
Class II  
Interquest Incorporated

**FIELD DESIGNATION**

0983 2005-03-01 VOYAGER FIELD

**POOL DESIGNATION**

0983 176001 2001-02-01 CARDIUM A  
0983 176002 2003-08-01 CARDIUM B  
  
0983 226001 2001-02-01 MOUNTAIN PARK A  
  
0983 348001 2011-02-01 CADOMIN A  
  
0983 610001 2001-02-01 RUNDLE A  
0983 610002 2001-02-01 RUNDLE B  
0983 610003 2001-02-01 RUNDLE C  
0983 610004 2010-04-01 RUNDLE D  
0983 610005 2001-02-01 RUNDLE E  
0983 610006 2010-04-01 RUNDLE F  
0983 610007 2002-02-01 RUNDLE G  
0983 610008 2002-11-01 RUNDLE H  
0983 610009 2004-10-01 RUNDLE I  
0983 610010 2010-04-01 RUNDLE J  
0983 610011 2010-04-01 RUNDLE K  
0983 610012 2007-10-01 RUNDLE L  
  
0983 630006 2010-04-01 TURNER VALLEY F  
0983 630007 2005-03-01 TURNER VALLEY G  
0983 630008 2005-03-01 TURNER VALLEY H  
  
0983 642001 2010-04-01 PEKISKO A  
  
0983 658002 2010-04-01 WABAMUN B  
0983 658003 2011-04-01 WABAMUN C

**SPACING PATTERN**

SU 2768 15 May 1996

**COMMINGLED PRODUCTION**

MU 5838 11 Jul 2006

**FIELD DESIGNATION**

0927 2011-03-01 VULCAN FIELD

**POOL DESIGNATION**

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

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

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

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

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

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

0927 320001 2005-10-01 BASAL MANNVILLE A  
0927 320002 2001-02-01 BASAL MANNVILLE B  
0927 320004 2003-02-01 BASAL MANNVILLE D  
0927 320005 2003-03-01 BASAL MANNVILLE E  
0927 320007 2006-12-01 BASAL MANNVILLE G  
0927 320008 2006-07-01 BASAL MANNVILLE H  
0927 320009 2011-12-01 BASAL MANNVILLE I  
0927 320010 2007-10-01 BASAL MANNVILLE J

**INDEX OF BOARD ORDERS**

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**VULCAN FIELD**  
**February 2012**

**0927**  
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**POOL DESIGNATION (cont'd)**

0927 320011 2008-07-01    BASAL MANNVILLE K

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

0927 850600 2011-01-01    MFP8506 BELLY RIVER

0927 854300 2011-04-01    MFP8543 BSL BELLY RIV

**SPACING PATTERN**

SU 2550        7 Mar 1996

**COMMINGLED PRODUCTION**

MU 7889        30 May 2011