

FIELD DESIGNATION

0916 2012-04-01 UKALTA FIELD

POOL DESIGNATION

0916 218001 2012-02-01 VIKING A
0916 218002 2001-02-01 VIKING B
0916 218003 2001-02-01 VIKING C
0916 218004 2001-02-01 VIKING D
0916 218005 2001-03-01 VIKING E
0916 218006 2011-05-01 VIKING F
0916 218007 2012-03-01 VIKING G

0916 250001 2010-01-01 UPPER MANNVILLE A
0916 250002 2001-02-01 UPPER MANNVILLE B
0916 250003 2010-04-01 UPPER MANNVILLE C
0916 250004 2010-04-01 UPPER MANNVILLE D
0916 250005 2011-02-01 UPPER MANNVILLE E
0916 250006 2001-02-01 UPPER MANNVILLE F
0916 250007 2001-02-01 UPPER MANNVILLE G
0916 250008 2001-02-01 UPPER MANNVILLE H
0916 250009 2001-02-01 UPPER MANNVILLE I
0916 250010 2006-04-01 UPPER MANNVILLE J
0916 250012 2004-08-01 UPPER MANNVILLE L
0916 250013 2001-02-01 UPPER MANNVILLE M
0916 250014 2001-02-01 UPPER MANNVILLE N
0916 250015 2004-08-01 UPPER MANNVILLE O
0916 250016 2001-02-01 UPPER MANNVILLE P
0916 250017 2001-02-01 UPPER MANNVILLE Q
0916 250018 2001-02-01 UPPER MANNVILLE R
0916 250019 2001-02-01 UPPER MANNVILLE S
0916 250020 2001-02-01 UPPER MANNVILLE T
0916 250021 2002-10-01 UPPER MANNVILLE U
0916 250022 2002-02-01 UPPER MANNVILLE V
0916 250023 2002-04-01 UPPER MANNVILLE W
0916 250024 2002-04-01 UPPER MANNVILLE X
0916 250025 2007-05-01 UPPER MANNVILLE Y

POOL DESIGNATION (cont'd)

0916 250026	2002-10-01	UPPER MANNVILLE Z
0916 250027	2003-10-01	UPPER MANNVILLE AA
0916 250028	2010-04-01	UPPER MANNVILLE BB
0916 250029	2004-06-01	UPPER MANNVILLE CC
0916 250030	2004-09-01	UPPER MANNVILLE DD
0916 250032	2005-01-01	UPPER MANNVILLE FF
0916 250033	2005-11-01	UPPER MANNVILLE GG
0916 250034	2005-05-01	UPPER MANNVILLE HH
0916 250035	2011-02-01	UPPER MANNVILLE II
0916 250036	2020-06-01	UPPER MANNVILLE JJ
0916 250037	2005-12-01	UPPER MANNVILLE KK
0916 250038	2006-01-01	UPPER MANNVILLE LL
0916 250039	2006-01-01	UPPER MANNVILLE MM
0916 250040	2006-01-01	UPPER MANNVILLE NN
0916 250041	2012-05-01	UPPER MANNVILLE OO
0916 250042	2006-05-01	UPPER MANNVILLE PP
0916 250043	2006-05-01	UPPER MANNVILLE QQ
0916 250044	2010-04-01	UPPER MANNVILLE RR
0916 250045	2007-12-01	UPPER MANNVILLE SS
0916 250046	2007-12-01	UPPER MANNVILLE TT
0916 250047	2007-12-01	UPPER MANNVILLE UU
0916 250048	2007-12-01	UPPER MANNVILLE VV
0916 250049	2007-12-01	UPPER MANNVILLE WW
0916 250050	2008-04-01	UPPER MANNVILLE XX
0916 250051	2008-01-01	UPPER MANNVILLE YY
0916 250052	2010-04-01	UPPER MANNVILLE ZZ
0916 250701	2008-02-01	UPPER MANNVILLE AAA
0916 250703	2008-03-01	UPPER MANNVILLE CCC
0916 250704	2008-03-01	UPPER MANNVILLE DDD
0916 250705	2008-03-01	UPPER MANNVILLE EEE
0916 250706	2008-03-01	UPPER MANNVILLE FFF
0916 250707	2020-06-01	UPPER MANNVILLE GGG
0916 250708	2008-12-01	UPPER MANNVILLE HHH
0916 250709	2008-12-01	UPPER MANNVILLE III
0916 250710	2008-05-01	UPPER MANNVILLE JJJ
0916 250711	2008-08-01	UPPER MANNVILLE KKK
0916 250712	2008-08-01	UPPER MANNVILLE LLL
0916 250713	2009-03-01	UPPER MANNVILLE MMM

POOL DESIGNATION (cont'd)

0916 250714 2010-04-01	UPPER MANNVILLE NNN
0916 250715 2011-01-01	UPPER MANNVILLE OOO
0916 250716 2011-01-01	UPPER MANNVILLE PPP
0916 250717 2011-12-01	UPPER MANNVILLE QQQ
0916 250718 2012-04-01	UPPER MANNVILLE RRR
0916 250719 2019-12-01	UPPER MANNVILLE SSS
0916 250720 2020-05-01	UPPER MANNVILLE TTT
0916 256005 2001-02-01	COLONY E
0916 256006 2001-02-01	COLONY F
0916 256007 2001-02-01	COLONY G
0916 256008 2001-02-01	COLONY H
0916 256009 2001-02-01	COLONY I
0916 256010 2001-02-01	COLONY J
0916 256011 2001-02-01	COLONY K
0916 256013 2010-04-01	COLONY M
0916 256014 2010-04-01	COLONY N
0916 256015 2003-04-01	COLONY O
0916 256016 2001-02-01	COLONY P
0916 256017 2001-02-01	COLONY Q
0916 256018 2001-02-01	COLONY R
0916 256019 2011-02-01	COLONY S
0916 256020 2001-02-01	COLONY T
0916 256021 2001-02-01	COLONY U
0916 256022 2001-02-01	COLONY V
0916 256023 2001-11-01	COLONY W
0916 256024 2001-09-01	COLONY X
0916 256025 2002-03-01	COLONY Y
0916 256026 2002-04-01	COLONY Z
0916 256027 2010-04-01	COLONY AA
0916 256028 2003-06-01	COLONY BB
0916 256029 2010-04-01	COLONY CC
0916 256030 2005-11-01	COLONY DD
0916 256031 2006-02-01	COLONY EE
0916 256032 2006-08-01	COLONY FF
0916 256033 2015-05-01	COLONY GG
0916 256034 2007-12-01	COLONY HH
0916 256035 2007-12-01	COLONY II

POOL DESIGNATION (cont'd)

0916 256036 2008-04-01	COLONY JJ
0916 256037 2008-06-01	COLONY KK
0916 256038 2010-04-01	COLONY LL
0916 256039 2009-08-01	COLONY MM
0916 256040 2010-04-01	COLONY NN
0916 256041 2012-01-01	COLONY OO
0916 256042 2011-03-01	COLONY PP
0916 256043 2011-12-01	COLONY QQ
0916 256044 2012-08-01	COLONY RR
0916 256045 2013-07-01	COLONY SS
0916 262001 2001-02-01	GRAND RAPIDS A
0916 276001 2001-02-01	SPARKY A
0916 276002 2017-09-01	SPARKY B
0916 276003 2001-02-01	SPARKY C
0916 276004 2001-02-01	SPARKY D
0916 276006 2001-02-01	SPARKY F
0916 276007 2001-02-01	SPARKY G
0916 276008 2001-02-01	SPARKY H
0916 276009 2001-02-01	SPARKY I
0916 276010 2005-05-01	SPARKY J
0916 276011 2012-04-01	SPARKY K
0916 276012 2001-02-01	SPARKY L
0916 276013 2001-02-01	SPARKY M
0916 276014 2005-05-01	SPARKY N
0916 276015 2005-07-01	SPARKY O
0916 276016 2006-01-01	SPARKY P
0916 276017 2006-03-01	SPARKY Q
0916 276018 2006-07-01	SPARKY R
0916 276019 2006-07-01	SPARKY S
0916 276020 2006-07-01	SPARKY T
0916 276021 2007-12-01	SPARKY U
0916 276022 2007-12-01	SPARKY V
0916 276023 2007-12-01	SPARKY W
0916 276024 2007-12-01	SPARKY X
0916 276025 2010-04-01	SPARKY Y
0916 276026 2008-07-01	SPARKY Z

POOL DESIGNATION (cont'd)

0916 276027 2010-04-01	SPARKY AA
0916 276028 2010-04-01	SPARKY BB
0916 276029 2010-04-01	SPARKY CC
0916 276030 2010-04-01	SPARKY DD
0916 276031 2010-04-01	SPARKY EE
0916 276032 2010-04-01	SPARKY FF
0916 276033 2010-01-01	SPARKY GG
0916 276034 2010-06-01	SPARKY HH
0916 276035 2011-03-01	SPARKY II
0916 276036 2011-05-01	SPARKY JJ
0916 276037 2011-12-01	SPARKY KK
0916 276038 2013-06-01	SPARKY LL
0916 276039 2013-06-01	SPARKY MM
0916 286001 2011-04-01	GENERAL PETROLEUM A
0916 300002 2001-02-01	GLAUCONITIC B
0916 300003 2001-02-01	GLAUCONITIC C
0916 300004 2008-05-01	GLAUCONITIC D
0916 300007 2001-02-01	GLAUCONITIC G
0916 300010 2001-10-01	GLAUCONITIC J
0916 300012 2010-04-01	GLAUCONITIC L
0916 300013 2010-04-01	GLAUCONITIC M
0916 300014 2020-03-01	GLAUCONITIC N
0916 300015 2001-02-01	GLAUCONITIC O
0916 300016 2001-02-01	GLAUCONITIC P
0916 300017 2001-02-01	GLAUCONITIC Q
0916 300018 2012-05-01	GLAUCONITIC R
0916 300019 2010-04-01	GLAUCONITIC S
0916 300020 2001-02-01	GLAUCONITIC T
0916 300021 2001-02-01	GLAUCONITIC U
0916 300022 2001-02-01	GLAUCONITIC V
0916 300023 2001-02-01	GLAUCONITIC W
0916 300024 2001-02-01	GLAUCONITIC X
0916 300025 2001-02-01	GLAUCONITIC Y
0916 300026 2003-10-01	GLAUCONITIC Z
0916 300027 2004-04-01	GLAUCONITIC AA
0916 300028 2004-05-01	GLAUCONITIC BB

POOL DESIGNATION (cont'd)

0916 300029 2004-05-01	GLAUCONITIC CC
0916 300030 2010-04-01	GLAUCONITIC DD
0916 300031 2010-04-01	GLAUCONITIC EE
0916 300032 2005-11-01	GLAUCONITIC FF
0916 300033 2005-05-01	GLAUCONITIC GG
0916 300034 2005-05-01	GLAUCONITIC HH
0916 300035 2005-09-01	GLAUCONITIC II
0916 300036 2005-12-01	GLAUCONITIC JJ
0916 300037 2006-01-01	GLAUCONITIC KK
0916 300038 2013-10-01	GLAUCONITIC LL
0916 300039 2006-07-01	GLAUCONITIC MM
0916 300040 2006-09-01	GLAUCONITIC NN
0916 300041 2006-09-01	GLAUCONITIC OO
0916 300042 2010-04-01	GLAUCONITIC PP
0916 300043 2007-03-01	GLAUCONITIC QQ
0916 300044 2007-08-01	GLAUCONITIC RR
0916 300045 2007-11-01	GLAUCONITIC SS
0916 300046 2007-11-01	GLAUCONITIC TT
0916 300047 2007-12-01	GLAUCONITIC UU
0916 300048 2007-12-01	GLAUCONITIC VV
0916 300049 2007-12-01	GLAUCONITIC WW
0916 300050 2007-12-01	GLAUCONITIC XX
0916 300051 2007-12-01	GLAUCONITIC YY
0916 300052 2007-12-01	GLAUCONITIC ZZ
0916 300901 2008-04-01	GLAUCONITIC AAA
0916 300902 2008-07-01	GLAUCONITIC BBB
0916 300903 2008-07-01	GLAUCONITIC CCC
0916 300904 2008-07-01	GLAUCONITIC DDD
0916 300905 2008-12-01	GLAUCONITIC EEE
0916 300906 2008-07-01	GLAUCONITIC FFF
0916 300907 2008-07-01	GLAUCONITIC GGG
0916 300908 2008-07-01	GLAUCONITIC HHH
0916 300909 2010-04-01	GLAUCONITIC III
0916 300910 2010-04-01	GLAUCONITIC JJJ
0916 300911 2010-01-01	GLAUCONITIC KKK
0916 300912 2010-01-01	GLAUCONITIC LLL
0916 300913 2010-04-01	GLAUCONITIC MMM
0916 300914 2010-04-01	GLAUCONITIC NNN

POOL DESIGNATION (cont'd)

0916 300915 2010-06-01	GLAUCONITIC OOO
0916 300916 2012-02-01	GLAUCONITIC PPP
0916 300917 2013-11-01	GLAUCONITIC QQQ
0916 300918 2013-06-01	GLAUCONITIC RRR
0916 310002 2001-02-01	LOWER MANNVILLE B
0916 310005 2006-10-01	LOWER MANNVILLE E
0916 310006 2010-01-01	LOWER MANNVILLE F
0916 658001 2008-07-01	WABAMUN A
0916 659001 2013-08-01	WABAMUN-GRAMINIA A
0916 696001 2001-02-01	NISKU A
0916 696002 2001-02-01	NISKU B
0916 852500 2010-04-01	MFP8525 COLONY

SPACING PATTERN

SU 2739 9 May 1996
SU 2739A 3 Feb 2006

COMMINGLED PRODUCTION

MU 6946 22 Jul 2008

SUBSURFACE DISPOSAL SCHEMES

App 8310E 30 Jan 2017
Class II
Sequoia Resources Corp.

COMPULSORY POOLING

P 308 8 Nov 2006
Gas
33-056-16W4M
Perpetual Energy Operating Corp.

P 339 20 Nov 2007
Gas
13-056-18W4M
Celtic Exploration Ltd.