

MADE at the City of Calgary, in the
Province of Alberta, on

22nd day of May 2013.

ENERGY RESOURCES CONSERVATION BOARD

The Energy Resources Conservation Board (ERCB) pursuant to the *Oil and Gas Conservation Act*, chapter O-6 of the Revised Statutes of Alberta, 2000, orders as follows:

1) The following table shows

- the specified pools and wells in the **GARRINGTON Field** wherein production may be commingled in the wellbore, and
- the allocation factors to prorate the commingled production to the specified pools:

Pools	Wells (Unique Identifier)	Allocation Percentage
a) GARRINGTON PASKAPOO B, GARRINGTON EDMONTON I, and GARRINGTON BELLY RIVER A	All	None
b) GARRINGTON EDMONTON B and GARRINGTON LOWER EDMONTON A	All	None
c) GARRINGTON EDMONTON C and GARRINGTON LOWER EDMONTON B	All	None
d) GARRINGTON EDMONTON E and GARRINGTON LOWER EDMONTON C	All	None
e) GARRINGTON EDMONTON M and GARRINGTON LOWER EDMONTON H	All	None
f) GARRINGTON LOWER EDMONTON I, GARRINGTON MFP8562 EDMONTON, and GARRINGTON MFP8563 LWR EDMONTON	All	None
g) ¹ GARRINGTON CARDIUM A, GARRINGTON CARDIUM B, GARRINGTON SECOND WHITE SPECKS P, GARRINGTON VIKING A, GARRINGTON VIKING Y, GARRINGTON VIKING CC, GARRINGTON MANNVILLE B, GARRINGTON MANNVILLE LL, GARRINGTON LOWER MANNVILLE VVV, GARRINGTON LOWER MANNVILLE C2C, GARRINGTON LOWER MANNVILLE Q2Q, GARRINGTON LOWER MANNVILLE R2R, GARRINGTON LOWER MANNVILLE S2S, and GARRINGTON LOWER MANNVILLE C5C	All	None

h)	GARRINGTON CARDIUM A, GARRINGTON CARDIUM B, and GARRINGTON MANNVILLE D	00/08-12-035-05W5/0 00/08-12-035-05W5/0 00/08-12-035-05W5/0	70 00 30
i)	GARRINGTON CARDIUM A, GARRINGTON SECOND WHITE SPECKS A, and GARRINGTON MANNVILLE D	00/16-14-035-05W5/0 00/16-14-035-05W5/0 00/16-14-035-05W5/0	35 10 55
j)	GARRINGTON CARDIUM A, GARRINGTON VIKING A, GARRINGTON CARDIUM A, GARRINGTON VIKING A, GARRINGTON CARDIUM A, and GARRINGTON VIKING A	00/08-11-035-04W5/0 00/08-11-035-04W5/0 00/06-12-035-04W5/0 00/06-12-035-04W5/0 00/09-14-035-04W5/0 00/09-14-035-04W5/0	30 70 70 30 50 50
k)	GARRINGTON CARDIUM V and GARRINGTON CARDIUM DD	00/16-17-037-06W5/0	None
l)	GARRINGTON CARDIUM W and GARRINGTON VIKING Q	All	None
m)	GARRINGTON CARDIUM FF and GARRINGTON CARDIUM HH	All	None
n)	GARRINGTON SECOND WHITE SPECKS B and GARRINGTON MANNVILLE X	All	None
o)	GARRINGTON SECOND WHITE SPECKS C and GARRINGTON VIKING DD	All	None
p)	GARRINGTON SECOND WHITE SPECKS F, GARRINGTON LOWER MANNVILLE CC, GARRINGTON LOWER MANNVILLE DD, and GARRINGTON LOWER MANNVILLE EE	All	None
q)	GARRINGTON SECOND WHITE SPECKS J, GARRINGTON VIKING N, and GARRINGTON LOWER MANNVILLE ZZ	All	None
r)	GARRINGTON SECOND WHITE SPECKS M, GARRINGTON MANNVILLE D, GARRINGTON LOWER MANNVILLE N, GARRINGTON LOWER MANNVILLE O, GARRINGTON LOWER MANNVILLE Q, GARRINGTON LOWER MANNVILLE CCC, GARRINGTON LOWER MANNVILLE NNN, GARRINGTON LOWER MANNVILLE N2N, GARRINGTON LOWER MANNVILLE J3J, and GARRINGTON ELKTON G	All	None
s)	GARRINGTON VIKING A and GARRINGTON MANNVILLE B	00/02-20-034-03W5/0 00/02-20-034-03W5/0	20 80
t)	GARRINGTON VIKING G and GARRINGTON LOWER MANNVILLE RRR	All	None
u)	GARRINGTON VIKING M and GARRINGTON VIKING W	All	None

v)	GARRINGTON VIKING LL and GARRINGTON LOWER MANNVILLE A3A	All	None
w)	GARRINGTON VIKING UU and GARRINGTON LOWER MANNVILLE Q3Q	All	None
x)	GARRINGTON MANNVILLE B, GARRINGTON LOWER MANNVILLE A, GARRINGTON LOWER MANNVILLE B, GARRINGTON LOWER MANNVILLE C2C, and GARRINGTON LOWER MANNVILLE X2X	00/10-19-034-03W5/0 00/10-19-034-03W5/0 00/10-19-034-03W5/0 00/10-19-034-03W5/0 00/10-19-034-03W5/0	20 20 20 20 20
y)	GARRINGTON MANNVILLE B, GARRINGTON LOWER MANNVILLE A, GARRINGTON LOWER MANNVILLE B, GARRINGTON LOWER MANNVILLE C2C, and GARRINGTON LOWER MANNVILLE X2X	00/06-19-034-03W5/0 00/06-19-034-03W5/0 00/06-19-034-03W5/0 00/06-19-034-03W5/0 00/06-19-034-03W5/0	20 20 20 20 20
z)	GARRINGTON MANNVILLE B, GARRINGTON LOWER MANNVILLE B, and GARRINGTON LOWER MANNVILLE AAA	00/11-18-034-03W5/0 00/11-18-034-03W5/0 00/11-18-034-03W5/0	34 33 33
aa)	GARRINGTON MANNVILLE B, GARRINGTON LOWER MANNVILLE B, GARRINGTON LOWER MANNVILLE AAA, and GARRINGTON LOWER MANNVILLE BBB	00/11-08-034-03W5/0 00/11-08-034-03W5/0 00/11-08-034-03W5/0 00/11-08-034-03W5/0	25 25 25 25
bb)	GARRINGTON MANNVILLE B, GARRINGTON LOWER MANNVILLE NN, GARRINGTON LOWER MANNVILLE OO, and GARRINGTON LOWER MANNVILLE PP	00/11-34-033-03W5/0 00/11-34-033-03W5/0 00/11-34-033-03W5/0 00/11-34-033-03W5/0	25 25 25 25
cc)	GARRINGTON MANNVILLE B, GARRINGTON LOWER MANNVILLE UU, GARRINGTON LOWER MANNVILLE VV, GARRINGTON LOWER MANNVILLE WW, and GARRINGTON LOWER MANNVILLE XX	00/11-12-034-04W5/0	None
dd)	GARRINGTON MANNVILLE B, GARRINGTON LOWER MANNVILLE DDD, GARRINGTON LOWER MANNVILLE EEE, and GARRINGTON LOWER MANNVILLE FFF	02/11-14-034-04W5/0 02/11-14-034-04W5/0 02/11-14-034-04W5/0 02/11-14-034-04W5/0	10 15 30 45
ee)	GARRINGTON MANNVILLE D and GARRINGTON LOWER MANNVILLE I	00/16-25-035-05W5/0 00/16-25-035-05W5/0	20 80
ff)	GARRINGTON MANNVILLE D and GARRINGTON LOWER MANNVILLE K (see clause 6)	00/10-31-035-04W5/0	None
gg)	GARRINGTON MANNVILLE D and GARRINGTON LOWER MANNVILLE K	00/10-31-035-04W5/0 00/10-31-035-04W5/0	80 20
hh)	GARRINGTON MANNVILLE D and SYLVAN LAKE LOWER MANNVILLE DD	00/08-12-036-05W5/0 00/08-12-036-05W5/0	45 55
ii)	GARRINGTON MANNVILLE D and GARRINGTON LOWER MANNVILLE GGG	00/06-35-035-05W5/0 00/06-35-035-05W5/0	50 50

jj)	GARRINGTON MANNVILLE D, CAROLINE BASAL MANNVILLE A, CAROLINE BASAL MANNVILLE L, CAROLINE BASAL MANNVILLE SS, and CAROLINE BASAL MANNVILLE J2J (see clause 5)	00/06-36-034-05W5/0	None
kk)	GARRINGTON MANNVILLE D, CAROLINE BASAL MANNVILLE A, CAROLINE BASAL MANNVILLE T2T, and CAROLINE BASAL MANNVILLE B3B (see clause 4)	00/08-14-035-05W5/0	None
ll)	GARRINGTON MANNVILLE D and GARRINGTON ELKTON A	00/06-13-035-05W5/0 00/16-13-035-05W5/0	None
mm)	GARRINGTON MANNVILLE D and GARRINGTON ELKTON C	00/06-25-035-05W5/0	None
nn)	GARRINGTON MANNVILLE D and GARRINGTON ELKTON E	00/06-02-036-05W5/0 00/16-34-035-05W5/0	None
oo)	GARRINGTON MANNVILLE L, GARRINGTON LOWER MANNVILLE MMM, GARRINGTON LOWER MANNVILLE P2P, GARRINGTON ROCK CREEK E, and GARRINGTON NORDEGG C	All	None
pp)	GARRINGTON MANNVILLE M and GARRINGTON LOWER MANNVILLE Y2Y	All	None
qq)	GARRINGTON MANNVILLE P and GARRINGTON LOWER MANNVILLE OOO	All	None
rr)	GARRINGTON MANNVILLE R and GARRINGTON LOWER MANNVILLE ZZ	00/06-33-036-05W5/0	None
ss)	GARRINGTON MANNVILLE S and GARRINGTON LOWER MANNVILLE E2E	All	None
tt)	GARRINGTON GLAUCONITIC A and GARRINGTON LOWER MANNVILLE Z4Z	All	None
uu)	GARRINGTON LOWER MANNVILLE A and GARRINGTON LOWER MANNVILLE C2C	03/06-29-034-03W5/0	None
vv)	GARRINGTON LOWER MANNVILLE J and GARRINGTON LOWER MANNVILLE KKK	All	None
ww)	GARRINGTON LOWER MANNVILLE K and GARRINGTON LOWER MANNVILLE L	All	None
xx)	GARRINGTON LOWER MANNVILLE V, GARRINGTON LOWER MANNVILLE W, and GARRINGTON LOWER MANNVILLE X	00/06-32-034-04W5/0	None
yy)	GARRINGTON LOWER MANNVILLE GG, GARRINGTON LOWER MANNVILLE HH, and GARRINGTON LOWER MANNVILLE II	All	None

zz)	GARRINGTON LOWER MANNVILLE UU, GARRINGTON LOWER MANNVILLE VV, and GARRINGTON LOWER MANNVILLE WW	00/07-13-034-04W5/0 00/07-13-034-04W5/0 00/07-13-034-04W5/0	47 12 41
aaa)	GARRINGTON LOWER MANNVILLE LLL and GARRINGTON LOWER MANNVILLE W2W	All	None
bbb)	GARRINGTON LOWER MANNVILLE YYY, GARRINGTON LOWER MANNVILLE ZZZ, GARRINGTON LOWER MANNVILLE H2H, GARRINGTON LOWER MANNVILLE I2I, GARRINGTON LOWER MANNVILLE J2J, and GARRINGTON ROCK CREEK B	All	None
ccc)	GARRINGTON LOWER MANNVILLE V4V and GARRINGTON PEKISKO J	All	None

- 2) Non associated gas production from the EDMONTON GRP may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 34, RANGE 2, WEST OF THE 5th MERIDIAN:
Section 12

IN TOWNSHIP 36, RANGE 3, WEST OF THE 5th MERIDIAN:
Sections 7-8, 13, 17

IN TOWNSHIP 36, RANGE 4, WEST OF THE 5th MERIDIAN:
Sections 9-11, 26

IN TOWNSHIP 36, RANGE 5, WEST OF THE 5th MERIDIAN:
Sections 12, 24, 32

IN TOWNSHIP 37, RANGE 5, WEST OF THE 5th MERIDIAN:
Sections 4-5, 11

- 3) Coalbed methane and non associated gas production from the EDMONTON GRP, HORSESHOE CANYON FM, BELLY RIVER GRP, and LETHBRIDGE may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 32, RANGE 1, WEST OF THE 5th MERIDIAN:
Section 35

IN TOWNSHIP 33, RANGE 1, WEST OF THE 5th MERIDIAN:
Sections 3, 9, 17, 19, 31, 33

IN TOWNSHIP 33, RANGE 2, WEST OF THE 5th MERIDIAN:
Sections 25 and 35

- 4) All oil production and gas production to be allocated as follows: 90% of the oil production and 70% of the gas production will be attributed to the Garrington Mannville D Pool and the remaining 10% of the oil production and 30% of the gas production will be attributed to the Caroline Basal Mannville A, T2T, and B3B Pools.
- 5) All oil production and the gas production determined by multiplying the oil production by an initial solution gas-oil ratio of 85 cubic metres/cubic metres, will be attributed to the Garrington Mannville D Pool and the remaining gas production will be attributed to the Caroline Basal Mannville A, L, SS, and J2J Pools.
- 6) All oil production and the gas production determined by multiplying the oil production by an initial solution gas-oil ratio of 85 metres cubed/metres cubed, will be attributed to the Mannville D Pool and the remaining gas production will be attributed to the Lower Mannville K and L Pool.

7) Board Order No. MU8467 is rescinded.

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