

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

4th day of October 2019.



ALBERTA ENERGY REGULATOR

The Alberta Energy Regulator (AER) 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:

<b>Pools</b>	<b>Wells (Unique Identifier)</b>	<b>Allocation Percentage</b>
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,	All	None

GARRINGTON MFP8562 EDMONTON, and

GARRINGTON MFP8563 LWR EDMONTON

g)	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	All	None

GARRINGTON ELKTON G

s)	GARRINGTON VIKING A and	00/02-20-034-03W5/0	20
	GARRINGTON MANNVILLE B	00/02-20-034-03W5/0	80
t)	GARRINGTON VIKING G and	All	None
	GARRINGTON LOWER MANNVILLE RRR		
u)	GARRINGTON VIKING M and	All	None
	GARRINGTON VIKING W		
v)	GARRINGTON VIKING LL and	All	None
	GARRINGTON LOWER MANNVILLE A3A		
w)	GARRINGTON VIKING UU and	All	None
	GARRINGTON LOWER MANNVILLE Q3Q		
x)	GARRINGTON MANNVILLE B,	00/06-19-034-03W5/0	20
	GARRINGTON LOWER MANNVILLE A,	00/06-19-034-03W5/0	20
	GARRINGTON LOWER MANNVILLE B,	00/06-19-034-03W5/0	20
	GARRINGTON LOWER MANNVILLE C2C, and	00/06-19-034-03W5/0	20
	GARRINGTON LOWER MANNVILLE X2X	00/06-19-034-03W5/0	20
y)	GARRINGTON MANNVILLE B,	00/10-19-034-03W5/0	20
	GARRINGTON LOWER MANNVILLE A,	00/10-19-034-03W5/0	20
	GARRINGTON LOWER MANNVILLE B,	00/10-19-034-03W5/0	20
	GARRINGTON LOWER MANNVILLE C2C, and	00/10-19-034-03W5/0	20
	GARRINGTON LOWER MANNVILLE X2X	00/10-19-034-03W5/0	20
z)	GARRINGTON MANNVILLE B,	00/11-18-034-03W5/0	34
	GARRINGTON LOWER MANNVILLE B, and	00/11-18-034-03W5/0	33
	GARRINGTON LOWER MANNVILLE AAA	00/11-18-034-03W5/0	33
aa)	GARRINGTON MANNVILLE B,	00/11-08-034-03W5/0	25

	GARRINGTON LOWER MANNVILLE B,	00/11-08-034-03W5/0	25
	GARRINGTON LOWER MANNVILLE AAA, and	00/11-08-034-03W5/0	25
	GARRINGTON LOWER MANNVILLE BBB	00/11-08-034-03W5/0	25
bb)	GARRINGTON MANNVILLE B,	00/11-34-033-03W5/0	25
	GARRINGTON LOWER MANNVILLE NN,	00/11-34-033-03W5/0	25
	GARRINGTON LOWER MANNVILLE OO, and	00/11-34-033-03W5/0	25
	GARRINGTON LOWER MANNVILLE PP	00/11-34-033-03W5/0	25
cc)	GARRINGTON MANNVILLE B,	00/11-12-034-04W5/0	None
	GARRINGTON LOWER MANNVILLE UU,		
	GARRINGTON LOWER MANNVILLE VV,		
	GARRINGTON LOWER MANNVILLE WW, and		
	GARRINGTON LOWER MANNVILLE XX		
dd)	GARRINGTON MANNVILLE B,	02/11-14-034-04W5/0	10
	GARRINGTON LOWER MANNVILLE DDD,	02/11-14-034-04W5/0	15
	GARRINGTON LOWER MANNVILLE EEE, and	02/11-14-034-04W5/0	30
	GARRINGTON LOWER MANNVILLE FFF	02/11-14-034-04W5/0	45
ee)	GARRINGTON MANNVILLE D and	00/16-25-035-05W5/0	20
	GARRINGTON LOWER MANNVILLE I	00/16-25-035-05W5/0	80
ff)	GARRINGTON MANNVILLE D and	00/10-31-035-04W5/0	80
	GARRINGTON LOWER MANNVILLE K	00/10-31-035-04W5/0	20
gg)	GARRINGTON MANNVILLE D and	00/10-31-035-04W5/0	None
	GARRINGTON LOWER MANNVILLE K		
	(see clause 7)		
hh)	GARRINGTON MANNVILLE D and	00/08-12-036-05W5/0	45
	SYLVAN LAKE LOWER MANNVILLE DD	00/08-12-036-05W5/0	55
ii)	GARRINGTON MANNVILLE D and	00/06-35-035-05W5/0	50

	GARRINGTON LOWER MANNVILLE GGG	00/06-35-035-05W5/0	50
jj)	GARRINGTON MANNVILLE D, CAROLINE BASAL MANNVILLE A, CAROLINE BASAL MANNVILLE L, CAROLINE BASAL MANNVILLE SS, and CAROLINE BASAL MANNVILLE J2J (see clause 6)	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 5)	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	All	None

GARRINGTON LOWER MANNVILLE OOO

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,	All	None

GARRINGTON LOWER MANNVILLE ZZZ,  
GARRINGTON LOWER MANNVILLE H2H,  
GARRINGTON LOWER MANNVILLE I2I,  
GARRINGTON LOWER MANNVILLE J2J, and  
GARRINGTON ROCK CREEK B

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) <sup>1</sup> Non associated gas and oil production from the CARDIUM SD and GLAUCONITIC SS may be taken without segregation in the wellbore from wells in the following areas:

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

Section 36

- 5) 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.
- 6) 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.
- 7) 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.
- 8) AER Order No. MU8494 is rescinded.

END OF DOCUMENT