



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

1st day of May 2018.

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 **BRAZEAU RIVER 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) BRAZEAU RIVER EDMONTON A and BRAZEAU RIVER BELLY RIVER XXX	All	None
b) BRAZEAU RIVER EDMONTON E and BRAZEAU RIVER LOWER EDMONTON A	All	None
c) BRAZEAU RIVER BELLY RIVER V and BRAZEAU RIVER BELLY RIVER W	All	None
d) BRAZEAU RIVER BELLY RIVER X and BRAZEAU RIVER BELLY RIVER FF	00/01-21-047-14W5/0 00/01-21-047-14W5/0	80 20
e) BRAZEAU RIVER BELLY RIVER X, BRAZEAU RIVER BASAL BELLY RIVER D, BRAZEAU RIVER BELLY RIVER X, BRAZEAU RIVER BASAL BELLY RIVER D,	00/08-19-047-14W5/0 00/08-19-047-14W5/0 00/12-19-047-14W5/0 00/12-19-047-14W5/0	80 20 80 20

	BRAZEAU RIVER BELLY RIVER X, and	00/01-24-047-15W5/0	80
	BRAZEAU RIVER BASAL BELLY RIVER D	00/01-24-047-15W5/0	20
f)	BRAZEAU RIVER BELLY RIVER X,	00/15-20-047-14W5/0	45
	BRAZEAU RIVER BASAL BELLY RIVER D, and	00/15-20-047-14W5/0	45
	BRAZEAU RIVER BASAL BELLY RIVER Y	00/15-20-047-14W5/0	10
g)	BRAZEAU RIVER BELLY RIVER X,	00/07-27-047-14W5/0	50
	BRAZEAU RIVER BASAL BELLY RIVER M,	00/07-27-047-14W5/0	50
	BRAZEAU RIVER BELLY RIVER X,	00/16-27-047-14W5/0	50
	BRAZEAU RIVER BASAL BELLY RIVER M,	00/16-27-047-14W5/0	50
	BRAZEAU RIVER BELLY RIVER X,	00/01-29-047-14W5/0	20
	BRAZEAU RIVER BASAL BELLY RIVER M,	00/01-29-047-14W5/0	80
	BRAZEAU RIVER BELLY RIVER X, and	00/07-29-047-14W5/0	10
	BRAZEAU RIVER BASAL BELLY RIVER M	00/07-29-047-14W5/0	90
h)	BRAZEAU RIVER BELLY RIVER FF,	00/13-22-047-14W5/0	50
	BRAZEAU RIVER BASAL BELLY RIVER M,	00/13-22-047-14W5/0	50
	BRAZEAU RIVER BELLY RIVER FF,	00/06-27-047-14W5/0	50
	BRAZEAU RIVER BASAL BELLY RIVER M,	00/06-27-047-14W5/0	50
	BRAZEAU RIVER BELLY RIVER FF,	00/14-27-047-14W5/0	50
	BRAZEAU RIVER BASAL BELLY RIVER M,	00/14-27-047-14W5/0	50
	BRAZEAU RIVER BELLY RIVER FF,	00/01-28-047-14W5/0	50
	BRAZEAU RIVER BASAL BELLY RIVER M,	00/01-28-047-14W5/0	50
	BRAZEAU RIVER BELLY RIVER FF,	00/08-28-047-14W5/0	10
	BRAZEAU RIVER BASAL BELLY RIVER M,	00/08-28-047-14W5/0	90
	BRAZEAU RIVER BELLY RIVER FF, and	00/09-28-047-14W5/0	70
	BRAZEAU RIVER BASAL BELLY RIVER M	00/09-28-047-14W5/0	30
i)	BRAZEAU RIVER BELLY RIVER QQ,	All	None
	BRAZEAU RIVER BELLY RIVER SS, and		
	BRAZEAU RIVER BASAL BELLY RIVER O		

j)	BRAZEAU RIVER BELLY RIVER XX and BRAZEAU RIVER BASAL BELLY RIVER M	00/05-25-047-14W5/0 00/05-25-047-14W5/0	15 85
k)	BRAZEAU RIVER BELLY RIVER LLL and BRAZEAU RIVER BASAL BELLY RIVER V	00/08-29-047-13W5/0 00/08-29-047-13W5/0	25 75
l)	BRAZEAU RIVER BELLY RIVER LLL and BRAZEAU RIVER BASAL BELLY RIVER EE	All	None
m)	BRAZEAU RIVER BELLY RIVER TTT, BRAZEAU RIVER BASAL BELLY RIVER D, and BRAZEAU RIVER BASAL BELLY RIVER I	All	None
n)	¹ BRAZEAU RIVER BELLY RIVER J2J and BRAZEAU RIVER BELLY RIVER P6P	All	None
o)	BRAZEAU RIVER BELLY RIVER K2K, BRAZEAU RIVER BELLY RIVER Z2Z, and BRAZEAU RIVER BELLY RIVER A3A	All	None
p)	BRAZEAU RIVER BELLY RIVER P2P and BRAZEAU RIVER BELLY RIVER P4P	All	None
q)	BRAZEAU RIVER BELLY RIVER Q2Q and BRAZEAU RIVER BELLY RIVER X2X	All	None
r)	BRAZEAU RIVER BELLY RIVER U2U, BRAZEAU RIVER BELLY RIVER Y2Y, BRAZEAU RIVER BASAL BELLY RIVER FF, and BRAZEAU RIVER BASAL BELLY RIVER GG	All	None
s)	BRAZEAU RIVER BELLY RIVER B3B and BRAZEAU RIVER BASAL BELLY RIVER HH	00/02-16-047-14W5/0 00/02-16-047-14W5/0	20 80
t)	BRAZEAU RIVER BELLY RIVER P3P and	All	None

BRAZEAU RIVER BELLY RIVER Q3Q

u)	BRAZEAU RIVER BELLY RIVER V3V and BRAZEAU RIVER BELLY RIVER W3W	All	None
v)	BRAZEAU RIVER BELLY RIVER L4L and BRAZEAU RIVER BASAL BELLY RIVER MM	All	None
w)	BRAZEAU RIVER BELLY RIVER S4S, BRAZEAU RIVER BELLY RIVER D5D, BRAZEAU RIVER BELLY RIVER E5E, BRAZEAU RIVER BELLY RIVER F5F, and BRAZEAU RIVER BELLY RIVER G5G	All	None
x)	BRAZEAU RIVER BELLY RIVER U4U and BRAZEAU RIVER BASAL BELLY RIVER TT	All	None
y)	BRAZEAU RIVER BELLY RIVER Y4Y, BRAZEAU RIVER BELLY RIVER J5J, BRAZEAU RIVER BELLY RIVER P5P, BRAZEAU RIVER BELLY RIVER Q5Q, and BRAZEAU RIVER CARDIUM RR	All	None
z)	BRAZEAU RIVER BELLY RIVER I6I and BRAZEAU RIVER BASAL BELLY RIVER W	All	None
aa)	BRAZEAU RIVER BASAL BELLY RIVER A and BRAZEAU RIVER BASAL BELLY RIVER B	All	None
bb)	BRAZEAU RIVER BASAL BELLY RIVER F and BRAZEAU RIVER BASAL BELLY RIVER R	All	None
cc)	BRAZEAU RIVER BASAL BELLY RIVER K and BRAZEAU RIVER BASAL BELLY RIVER L	All	None

dd)	BRAZEAU RIVER BASAL BELLY RIVER RR and BRAZEAU RIVER NOTIKWIN F (see clause 6)	All	None
ee)	BRAZEAU RIVER CARDIUM C and BRAZEAU RIVER LOWER MANNVILLE Y	All	None
ff)	BRAZEAU RIVER CARDIUM FF, BRAZEAU RIVER UPPER MANNVILLE GG, BRAZEAU RIVER LOWER MANNVILLE XX, and BRAZEAU RIVER LOWER MANNVILLE RRR (see clause 4)	All	None
gg)	BRAZEAU RIVER CARDIUM HH, BRAZEAU RIVER VIKING G, BRAZEAU RIVER UPPER MANNVILLE B, BRAZEAU RIVER LOWER MANNVILLE KK, and BRAZEAU RIVER ROCK CREEK LL	All	None
hh)	BRAZEAU RIVER VIKING M and BRAZEAU RIVER GLAUCONITIC F	All	None
ii)	BRAZEAU RIVER UPPER MANNVILLE A, BRAZEAU RIVER GLAUCONITIC E, and BRAZEAU RIVER ROCK CREEK OO	All	None
jj)	BRAZEAU RIVER UPPER MANNVILLE D and BRAZEAU RIVER UPPER MANNVILLE E	All	None
kk)	BRAZEAU RIVER UPPER MANNVILLE U and BRAZEAU RIVER LOWER MANNVILLE JJJ	All	None
ll)	BRAZEAU RIVER UPPER MANNVILLE FF and BRAZEAU RIVER LOWER MANNVILLE PPP	All	None

mm)	BRAZEAU RIVER NOTIKWIN D and BRAZEAU RIVER ROCK CREEK KK	All	None
nn)	BRAZEAU RIVER GLAUCONITIC C, BRAZEAU RIVER LOWER MANNVILLE AA, and BRAZEAU RIVER ROCK CREEK G	All	None
oo)	BRAZEAU RIVER LOWER MANNVILLE O, BRAZEAU RIVER LOWER MANNVILLE V, BRAZEAU RIVER ROCK CREEK A, BRAZEAU RIVER ROCK CREEK DDD, BRAZEAU RIVER ROCK CREEK QQQ, BRAZEAU RIVER ELKTON-SHUNDA B, and BRAZEAU RIVER SHUNDA J	All	None
pp)	BRAZEAU RIVER LOWER MANNVILLE S, BRAZEAU RIVER LOWER MANNVILLE OO, and BRAZEAU RIVER ROCK CREEK K	All	None
qq)	BRAZEAU RIVER LOWER MANNVILLE DD and BRAZEAU RIVER ROCK CREEK S	All	None
rr)	BRAZEAU RIVER LOWER MANNVILLE HH, BRAZEAU RIVER LOWER MANNVILLE II, BRAZEAU RIVER ROCK CREEK Z, and BRAZEAU RIVER NORDEGG A	All	None
ss)	BRAZEAU RIVER LOWER MANNVILLE JJ and BRAZEAU RIVER ROCK CREEK CC	All	None
tt)	BRAZEAU RIVER LOWER MANNVILLE MM and BRAZEAU RIVER ROCK CREEK NN	All	None

uu)	BRAZEAU RIVER LOWER MANNVILLE YY and BRAZEAU RIVER NORDEGG B	All	None
vv)	BRAZEAU RIVER LOWER MANNVILLE VVV, BRAZEAU RIVER LOWER MANNVILLE WWW, and BRAZEAU RIVER ROCK CREEK PPP	All	None
ww)	BRAZEAU RIVER LOWER MANNVILLE ZZZ and BRAZEAU RIVER ROCK CREEK TTT	All	None
xx)	BRAZEAU RIVER OSTRACOD B and BRAZEAU RIVER ROCK CREEK U	All	None
yy)	BRAZEAU RIVER ELKTON-SHUNDA A, BRAZEAU RIVER SHUNDA K, and BRAZEAU RIVER SHUNDA L	All	None

- 2) Coalbed methane, associated gas, non associated gas, and shale gas production from the BELLY RIVER GRP, CHINOOK MBR, BADHEART FM, CARDIUM FM, DOE CREEK MBR, DUNVEGAN FM, PEACE RIVER FM, SPIRIT RIVER FM, BLUESKY FM, GETHING FM, CADOMIN FM, NIKANASSIN FM, and ROCK CREEK MBR may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 43, RANGE 12, WEST OF THE 5th MERIDIAN:

Sections 1-10, 12, 15-19, 21-22

(see clause 5)

- 3) Coalbed methane, associated gas, non associated gas, and shale gas production from the CHINOOK MBR, BADHEART FM, CARDIUM FM, DOE CREEK MBR, DUNVEGAN FM, PEACE RIVER FM, SPIRIT RIVER FM, FALHER MBR, BLUESKY FM, GETHING FM, CADOMIN FM, NIKANASSIN FM, ROCK CREEK MBR, and NORDEGG MBR may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 44, RANGE 14, WEST OF THE 5th MERIDIAN:

Sections 15-22, 27-34

IN TOWNSHIP 44, RANGE 15, WEST OF THE 5th MERIDIAN:

Sections 25-26, 35-36

IN TOWNSHIP 45, RANGE 14, WEST OF THE 5th MERIDIAN:

Sections 4-9, 16-21

IN TOWNSHIP 45, RANGE 15, WEST OF THE 5th MERIDIAN:

Section 13

- 4) The Operator shall segregate the pools within the 00/09-30-047-14W5/0 wellbore during periods when the well is shut-in.
- 5) Operators shall conduct a segregated initial and annual pressure test on the first new well completed in the Belly River and Lower Cretaceous zones in the NE and SW quarters of Township 42-12W5. Operators shall also conduct a segregated annual pressure test in the Belly River and Lower Cretaceous zones on 00/07-14-042-12W5, 00/15-18-043-12W5, 00/03-02-043-12W5 wells.
- 6) In the event that the Basal Belly River pool approaches 90% of the fracture pressure, EnCana Corporation is required to mechanically isolate the Notikewin pool from the Basal BellyRiver pool in the 00/15-18-043-12W5 well.
- 7) AER Order No. MU8680 is rescinded.

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