

COMMINGLING Order No. MU8686

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

9th day of October 2014.

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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:

The following table shows the specified pools and wells in the WESTPEM Field wherein production may be commingled in the wellbore:

	Pools	Wells (Unique Identifier)
a)	WESTPEM VIKING A, WESTPEM UPPER MANNVILLE A, and WESTPEM OSTRACOD R	All
b)	WESTPEM VIKING C, WESTPEM VIKING D, WESTPEM VIKING F, WESTPEM VIKING J, WESTPEM VIKING K, WESTPEM UPPER MANNVILLE D, WESTPEM OSTRACOD L, WESTPEM GETHING B, WESTPEM GETHING C, WESTPEM ELLERSLIE K, WESTPEM ELLERSLIE P, WESTPEM ELLERSLIE V, WESTPEM ELLERSLIE W, WESTPEM ROCK CREEK D, and WESTPEM ROCK CREEK E	All
c)	WESTPEM VIKING S, WESTPEM ELLERSLIE VV, WESTPEM ROCK CREEK CCC, and WESTPEM ROCK CREEK DDD	All
d)	WESTPEM UPPER MANNVILLE C and WESTPEM ELLERSLIE U	All
e)	WESTPEM UPPER MANNVILLE E, WESTPEM ELLERSLIE C, WESTPEM ELLERSLIE AA, WESTPEM ELLERSLIE II, WESTPEM ROCK CREEK F, WESTPEM ROCK CREEK UU, and WESTPEM ROCK CREEK VV	All
f)	WESTPEM OSTRACOD T and WESTPEM ROCK CREEK ZZ	All

g) WESTPEM ELLERSLIE S and WESTPEM ROCK CREEK B

ΑII

h) WESTPEM ELLERSLIE BB and WESTPEM ROCK CREEK T

ΑII

i) WESTPEM ROCK CREEK EE and WESTPEM ROCK CREEK GG

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2) ¹Non associated gas production from the VIKING FM, MANNVILLE GRP, and ROCK CREEK MBR may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 51, RANGE 14, WEST OF THE 5th MERIDIAN: Sections 9, 16, 21

IN TOWNSHIP 51, RANGE 15, WEST OF THE 5th MERIDIAN: Section 24

3) ¹ Non associated gas production from the VIKING FM, MANNVILLE GRP, and ROCK CREEK MBR may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 51, RANGE 14, WEST OF THE 5th MERIDIAN: Sections 18-20 (see clause 4)

- 4) Gas containing hydrogen sulphide (sour gas) is to be commingled with gas production that does not contain hydrogen sulphide (sweet gas), from the Viking Formation, Mannville Group and Rock Creek Member. The sweet and sour gas streams must remain segregated at the sandface using the completion techniques and check valve technology described in Application No. 1599972, with commingling occurring only in the tubing string.
- 5) AER Order No. MU8395 is rescinded.

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