

COMMINGLING Order No. MU8674

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

Y.P. Shon

13th day of August 2014.

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 **SMOKY Field** wherein production may be commingled in the wellbore:

Pools	Wells (Unique Identifier)
a) SMOKY DOE CREEK A, SMOKY FALHER I, and SMOKY GETHING J	All
 b) SMOKY DUNVEGAN D and SMOKY FALHER G 	All
c) ¹ SMOKY DUNVEGAN HH, SMOKY DUNVEGAN JJ, and SMOKY GETHING JJ	All
d) ¹ SMOKY DUNVEGAN II and SMOKY CADOMIN T	All
e) ¹ SMOKY CADOTTE N and SMOKY GETHING KK	All
 f) SMOKY NOTIKEWIN A, SMOKY FALHER B, SMOKY GETHING C, and SMOKY CADOMIN B 	All
g) SMOKY FALHER Z and SMOKY GETHING K	All

2) Non associated gas production from the SMOKY RIVER GRP, DUNVEGAN FM, FORT ST JOHN GRP, and BULLHEAD GRP may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 58, RANGE 3, WEST OF THE 6th MERIDIAN: Section 35

IN TOWNSHIP 59, RANGE 3, WEST OF THE 6th MERIDIAN: Section 1

3) ¹ Non associated gas production from the CARDIUM FM, DOE CREEK MBR, DUNVEGAN FM, FORT ST JOHN GRP, and BULLHEAD GRP may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 59, RANGE 1, WEST OF THE 6th MERIDIAN:

IN TOWNSHIP 59, RANGE 2, WEST OF THE 6th MERIDIAN: Sections 2-3, 10-11, 14-15, 17

IN TOWNSHIP 60, RANGE 4, WEST OF THE 6th MERIDIAN: Sections 1, 10-11 (see clause 5)

4) Non associated gas production from the DUNVEGAN FM, FORT ST JOHN GRP, and BULLHEAD GRP may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 60, RANGE 4, WEST OF THE 6th MERIDIAN: Section 2

5) ¹Commingling of production is subject to the following conditions:

(a) The well licensee shall continuously monitor wellbore pressures during periods of shut-in to ensure that no zones are exposed to reservoir pressures that would exceed 90 per cent of the closure pressure of any other zone open in the wellbore.

(b) In the wells located in Sections 22, 25 to 27 and 32 to 35 in Township 59, Range 1, west of the 6th Meridian, Sections 2, 3, 10, 11, 14, 15 and 17 of Township 59, Range 2, West of the 6th Meridian, Sections 1, 10 and 11 of Township 60, Range 4, West of the 6th Meridian, if the wellbore pressure of any pool open in the wellbore reaches 90 per cent of the fracture pressure of the pools in the Cardium Formation, Dunvegan Formation, and Cadotte Member, then the well licensee must mechanically isolate the pools in the Cardium Formation, Dunvegan Formation, Dunvegan Formation, and Cadotte Member from the pools within the Falher and Wilrich Members.

(c) Initial shut-in pressure must be taken on the well with the unique identifier of 00/02-10-059-02W6. A subsequent shut-in pressure must be taken in three years time, no later than April 1, 2014. The shut-in period must be a minimum of 14 days.

(d) The well licensee shall submit an annual report compiling data as per subclauses (a), (b), and (c) to illustrate continued compliance. The initial report is due April 30, 2012.

6) AER Order No. MU8226 is rescinded.

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