

COMMINGLING Order No. MU8598

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

... .

11th day of March 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 **LAMBERT Field** wherein production may be commingled in the wellbore:

| Pools | Wells (Unique Identifier) |
|---|------------------------------|
| a) ¹ LAMBERT BELLY RIVER B, LAMBERT CARDIUM R, LAMBERT UPPER MANNVILLE N, LAMBERT UPPER MANNVILLE O, and LAMBERT CADOMIN K (see clause 4) | 00/04-07-050-21W5/0 |
| b) LAMBERT BASAL BELLY RIVER A, LAMBERT CARDIUM M, LAMBERT DUNVEGAN C, LAMBERT UPPER MANNVILLE H, LAMBERT UPPER MANNVILLE I, LAMBERT GETHING E, and LAMBERT CADOMIN I (see clause 5) | 00/06-05-051-21W5/2 |
| c) ¹ LAMBERT CARDIUM O, LAMBERT CARDIUM P, LAMBERT CARDIUM Q, LAMBERT UPPER MANNVILLE L, LAMBERT UPPER MANNVILLE M, LAMBERT NOTIKEWIN A, and | 00/10-15-050-22W5/0 |

2) Non associated gas production from the SMOKY RIVER GRP, CHINOOK MBR, BADHEART FM, CARDIUM SD, DOE CREEK MBR, DUNVEGAN FM, FORT ST JOHN GRP, PEACE RIVER FM, PADDY MBR, CADOTTE MBR, SPIRIT RIVER FM, NOTIKEWIN MBR, FALHER MBR, BLUESKY FM, BULLHEAD GRP, GETHING FM, and CADOMIN FM may be taken without segregation in the wellbore from wells in the following areas:

IN TOWNSHIP 51, RANGE 22, WEST OF THE 5th MERIDIAN: Section 35

LAMBERT CADOMIN J

(see clause 3)

3) ¹ In the well with the unique identifier of 00/10-15-050-22W5/0, if the pressure of any of the pools in the Cardium Sand approaches 90 per cent of the fracture pressure of the Cardium Sand, the well licensee shall mechanically isolate the Cardium pools from the pools within the Mannville Group and Cadomin Formation.

- 4) ¹ In the well with the unique identifier of 00/04-07-050-21W5, the well licensee must mechanically isolate the pool in the Belly River Group from the pools in the Cardium, Upper Mannville, and Cadomin Formations during shut-in periods exceeding 30 days.
- 5) In the well with the unique identifier of 00/06-05-051-21W5, the well licensee must mechanically isolate the pool in the Basal Belly River Sand from pools in the Cardium, Dunvegan, Upper Mannville, Gething, and Cadomin Formations during shut-in periods exceeding 30 days.
- 6) AER Order No. MU8444 is rescinded.

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