

---

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

February 28, 2022

ALBERTA ENERGY REGULATOR

---

The Alberta Energy Regulator (AER), under the [Oil and Gas Conservation Act](#) (chapter O-6 of the Revised Statutes of Alberta, 2000) and the [Oil and Gas Conservation Rules](#) (OGCR; AR 151/71), orders as follows:

- 1) The zones within the Cardium Formation (collectively referred to as zone) within the area outlined on the map in appendix A are subject to this order.
- 2) Notwithstanding sections 4.030, 4.040, 10.060, 11.010, and 11.102 of the OGCR, the following requirements apply with respect to the zone within the area designated in clause 1:
  - a) Unless otherwise prescribed by the regulator under OGCR section 4.040, the target area for wells drilled within the standard drilling spacing unit are as follows: in a drilling spacing unit for a gas or oil well, the target area must be the central area within the drilling spacing unit having sides 100 metres from the sides of the drilling spacing unit and parallel to them.
  - b) Defined pools will be subject to good production practice (GPP), as reflected in the AER's maximum rate limitation order, provided that optimal depletion strategies are employed and wasteful operations are avoided.
  - c) Initial pressure tests in accordance with [Directive 040: Pressure and Deliverability Testing Oil and Gas Wells](#) are required to be taken at a minimum of one well per each three section by three section area (nine section squared area) measured from the well surface location.
  - d) When required to take drill cutting samples within the zone under the OGCR, section 11.010, and [Directive 056: Energy Development Applications and Schedules](#), a licensee must take the samples at intervals no greater than 20 metres within the zone.
- 3) Notwithstanding clause 2, licensees of a well completed in the zone within the area designated in clause 1 may be required at any time to conduct tests and provide data, reports, and interpretations, including performance reports, to enable sufficient review of the licensee's activity, resource characterization, and reservoir management under sections 11.005 and 11.006 of the OGCR.
- 4) Where a conflict arises between this order and a term or condition of an approval or licence, the term or condition of the approval or licence prevails.

This order does not in any way predetermine regulatory authorization of wells, pipelines, other production facilities, access roads, and other surface disturbances that may be associated energy resource development of the zone within the area designated in clause 1. Surface energy resource activities and related land access are regulated separately under Alberta legislation administered by the AER and other provincial departments and municipal governments and must comply with [Alberta Land Stewardship Act](#) regional plans.

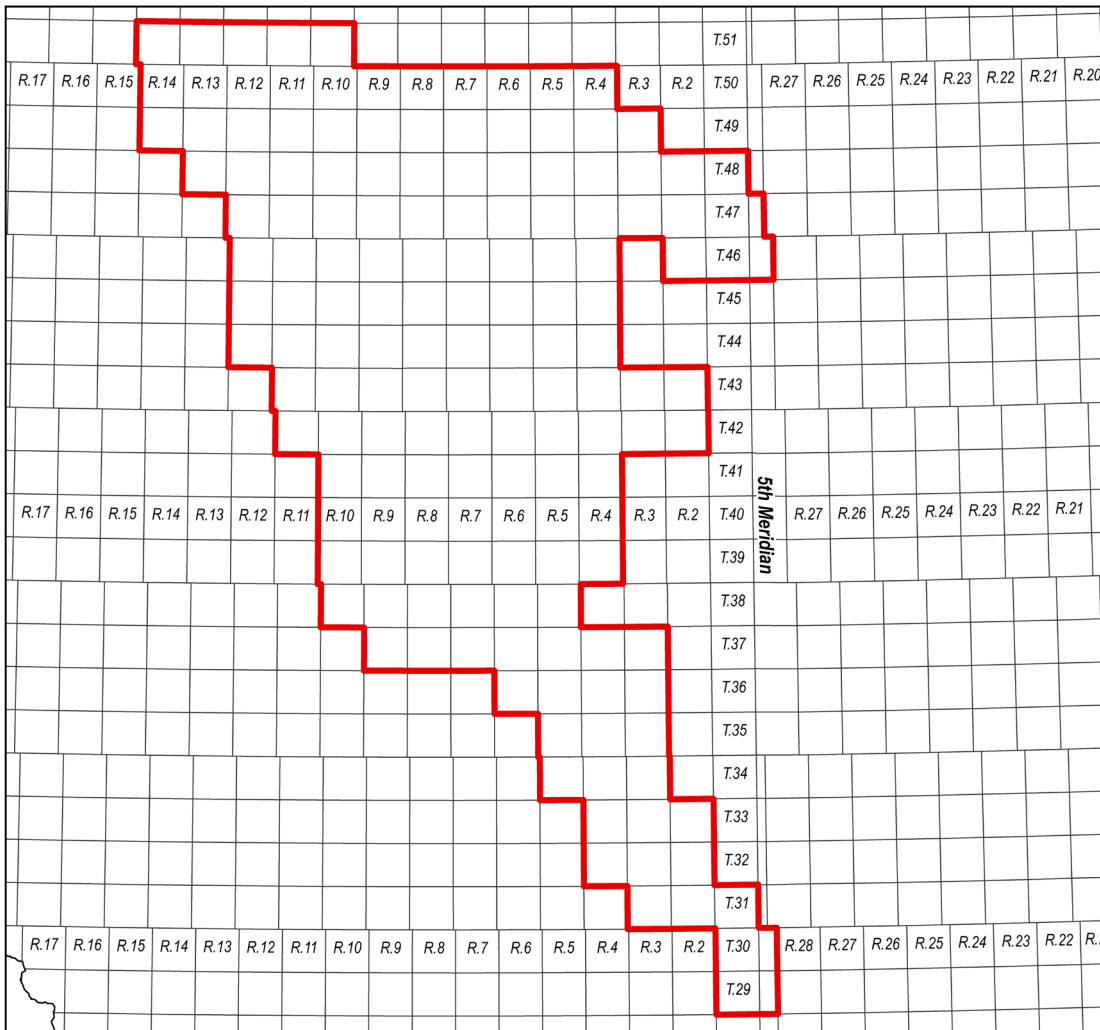
This order does not infer that the AER views the zone within the area designated in clause 1 above as productive with respect to mineral rights tenure. This matter is subject to Alberta Energy authority under the [Mines and Minerals Act](#).


This order comes into force on February 28, 2022.

Made at the City of Calgary, in the Province of Alberta, on February 28, 2022.


ALBERTA ENERGY REGULATOR

# Appendix A – Cardium Formation





**Subsurface Order No. 5A**

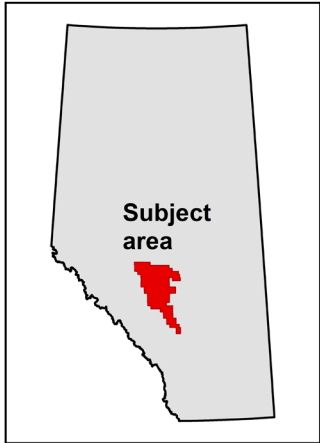
 Surface extent of Zone 5A, Cardium Formation

0      20      40      80 km

1:1,300,000

N

**Projection and Datum:** 10TM AEP Forest, NAD83  
**Data Date:** January 25, 2022  
 Base data contains information licensed under the Open Government Licence - Alberta



**Subject area**

END OF DOCUMENT