

Oil and Gas Unit Agreement Applications

The Government of Saskatchewan may enter into agreements respecting oil and gas unit operations pursuant to section 18 of *The Crown Minerals Act*. Oil and gas unit proposals and supporting technical data must be filed electronically via the Ministry of the Economy (ECON) Integrated Resource Information System (IRIS) at www.saskatchewan.ca/IRIS and typically include the following documentation:

1. Geological mapping and cross-sections (i.e. structure contour, stratigraphic, isopach) and petrophysical mapping (i.e. net pay, hydrocarbon pore volume) of the strata proposed for unitization, superimposed on the unit outline, together with the parameters on which they are based. Identify gas/oil/water contacts where present.
2. Development plans for the unit (i.e. secondary or tertiary recovery schemes). If an application was submitted or approved by ECON for a secondary or tertiary recovery scheme within the proposed unit boundaries, please indicate the IRIS application or approval number, and date that the application was submitted or approved.
3. Detailed information on the method used to calculate the tract factors. Tables, formulae and calculations must be included, as well as any background material (e.g. core analyses, flow tests, third party reserve analysis) used to determine the values, and explanations for any assumptions made and used in the process. It is critical to explain in detail the method for calculating tract factors in order to avoid unnecessary delays.
4. Complete set of well data for any confidential wells: logs, drill stem tests, completion report, and flow tests (i.e. AOF tests, initial production tests, etc.).
5. Pressure surveys, material balance calculations, and any other reservoir information that supports the size and continuity of the reservoir, or the productivity of the unit lands.
6. Seismic support (mapping and interpreted lines), if applicable. All relevant lines and full operational data that support the mapping should be included, not just one or two examples.
7. A draft Unit Agreement. Please email petlands@gov.sk.ca for a copy of a Model Unit Agreement.

Note:

- For voluntary units, the enlargement of a unit or an amendment to a particular section of the unit agreement requires the approval of ECON. Submit the proposed changes through IRIS at www.saskatchewan.ca/IRIS.
- For statutory units, amendments to the unit operation order must be filed through IRIS at www.saskatchewan.ca/IRIS in accordance to the Submission Guideline “Application for Amendment to Statutory Unit Operation Order”.
- Submit updates (i.e. exhibits) to the unit agreement or unit operation order electronically to units@gov.sk.ca and include a letter that describes the updates.

Questions related to Crown involvement in units should be directed to the Petroleum Tenure Services Support Desk at petlands@gov.sk.ca.