

Applicant's Checklist for Spacing Unit Map

Article 23 of the Environmental Conservation Law (ECL) requires that a spacing unit be established when the Department issues a well permit subject to Title 5 of the ECL. Pursuant to ECL 23-0501(2)(A), an application for a well permit must include a map of the proposed spacing unit. The spacing unit map required by statute does not replace the well plat map described in regulation under 6 NYCRR 552.1(b), but must be submitted as a separate attachment to the application.

Please note that an application for a well permit, including the spacing unit map, is public information. The map will be made available to any interested party upon request, notwithstanding any label to the contrary.

Any spacing unit map which does not include all of the following information will be returned to the applicant, and the application will not be processed until the map is resubmitted and complete. Please contact the appropriate Regional office of the Division of Mineral Resources if additional guidance is needed.

Scale

___ 1 inch = 1,000 feet. The map must include detail inserts at a scale of 1 inch = 400 feet for any portion of the proposed spacing unit which includes parcels that are 1 acre or smaller in size.

Spacing Unit Boundaries and Size

___ Boundaries of proposed spacing unit.

___ All abutting and non-abutting spacing units within the same pool or field within one and a half miles of the boundaries of the proposed unit.

___ Size of each spacing unit in acres, carried out to two decimal places.

Surface and Bottomhole Locations

___ Label the proposed well's surface and bottomhole locations.

___ Provide decimal latitude and longitude of well's surface and bottomhole locations, to six decimal places.

___ Provide true vertical and true measured depths of the proposed bottomhole location.

Field-Bounding Faults

___ Show location of any field-bounding faults within the proposed unit.

Proposed Productive Section or Target Formation (Vertical Well)

___ *Fault-bounded Trenton and/or Black River hydrothermal dolomite pools **only*** - Include the anticipated depths of the top and bottom of the proposed productive section of the wellbore within the target formation.

___ *All other pools* - Include the anticipated depths of the top and bottom of the wellbore within the target formation.

Proposed Productive Section or Target Formation (Directional or Sidetrack Well)

___ *Fault-bounded Trenton and/or Black River hydrothermal dolomite pools **only*** - Show and label the entire wellbore and indicate the proposed productive section of the wellbore within the target formation. Provide decimal latitude and longitude for the wellbore's planned intersection with the top and bottom of the proposed productive section. Include true vertical and true measured depths for these intersection points.

For wellbores which intersect field-bounding faults, the fault intersection point(s) define the limit(s) of the proposed productive section of the wellbore within the target formation. Top of Target Interval on the application form is either the vertical top of the proposed productive section or a field-bounding fault intersection, whichever is crossed first by the wellbore.

___ *All other pools* - Show and label the proposed location of the entire wellbore and indicate the wellbore within the target formation. Provide decimal latitude and longitude for the top and bottom of the wellbore's planned intersection with the target formation. Include true vertical and true measured depths for these intersection points.

Boundary Distances (Vertical Well)

___ Label the distance in feet from the well's surface location to the two nearest boundaries of the proposed unit.

Boundary Distances (Directional or Sidetrack Well)

___ *Fault-bounded Trenton and/or Black River hydrothermal dolomite pools **only*** - Show distance in feet from the wellbore within the proposed productive section to the two nearest boundaries of the proposed unit.

___ *All other pools* - Show distance in feet from the wellbore within the target formation to the two nearest unit boundaries of the proposed unit.

Distance to Nearest Producing Well and Well in Same Pool

___ *Fault-bounded Trenton and/or Black River hydrothermal dolomite pools **only*** - Show distance in feet from the wellbore within the proposed productive section to the nearest producing well and nearest completed well in the same pool, if either is within one mile.

___ *All other pools* - Show distance in feet from the wellbore within the target formation to the nearest producing well and nearest completed well in the same pool, if either is within one mile.

___ Identify all wells by name and number, API number, operator name, producing formation and field name.

Parcel Identification

___ Show the boundaries of each tract of land wholly or partially within the spacing unit.

___ Identify each tract with its Tax Parcel ID Number.

___ *Acreage owned by New York State* - Label any state-owned tract within the spacing unit. If the state-owned acreage is unleased, the application package must include a request for a non-competitive, non-entry lease. The request must identify the requested parcel by Tax Parcel ID Number, Name or Route Number, state the number of acres requested and include a separate map that shows the spacing unit boundary with the requested state acreage highlighted. If state acreage comprises the *only* uncontrolled acreage in the spacing unit, a statement to that effect must be attached to the *Affirmation of Acreage Control and Rights in Target Formation*.