

- (2) For directional drilling into an adjacent section, that section shall also be shown on the location plat and dimensions on exterior section lines sufficient to completely describe the quarter section containing the proposed productive interval and bottom hole location shall be indicated. (Additional requirements related to directional drilling are found in Rule 321.)
- (3) For irregular, partial or truncated sections, dimensions will be furnished to completely describe the entire section containing the proposed well.
- (4) The field-measured distances from the nearer north/south and nearer east/west section lines shall be measured at ninety (90) degrees from said section lines to the well location and referenced on the plat.
- (5) A map legend.
- (6) A north arrow.
- (7) A scale expressed as an equivalent (e.g. - 1" = 1000').
- (8) A bar scale.
- (9) The ground elevation.
- (10) The basis of the elevation (how it was calculated or its source).
- (11) The basis of bearing or interior angles used.
- (12) Complete description of monuments and/or collateral evidence found; all aliquot corners used shall be described.
- (13) The legal land description by section, township, range, principal meridian, baseline and county.
- (14) Operator name.
- (15) Well name and well number.
- (16) Date of completion of scaled drawing.
- (17) All visible improvements within two hundred (200) feet of a wellhead (or, in a high density area within four hundred (400) feet of a wellhead) shall be physically tied in and plotted on the well location plat or on an addendum, with a horizontal distance and approximate bearing from the well location. Visible improvements shall include, but not be limited to, all buildings, publicly maintained roads and trails, major above-ground utility lines, railroads, pipelines, mines, oil wells, gas wells, injection wells, water wells, visible plugged wells, sewers with manholes, standing bodies of water, and natural channels including permanent canals and ditches through which water flows. If there are no visible improvements within two hundred (200) feet of a wellhead (or in a high density area within four hundred (400) feet of a wellhead), it shall be so noted on the Permit-to-Drill, Form 2.
- (18) Surface use shall be described within the two hundred (200) foot radius of a wellhead (or in a high density area within the four hundred (400) foot radius of a wellhead).
- (19) In addition to the scaled drawing, the applicant shall attach to the Permit-to-Drill, Form 2, an 8½" by 11" vicinity or U.S.G.S. topographic map of at least a three (3) mile radius around the proposed well which clearly shows access from one (1) or more public roads, a map showing surface and mineral lease ownership within two hundred (200) feet of a wellhead (or in a high density area within four hundred (400) feet of a wellhead). Where the applicant is not the lessee, mineral ownership shall be described for the entire drilling and spacing unit.

