



COGCC FORM 2A INSTRUCTIONS

FORM 2A

DIRECTIONAL WELL PLAT

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Rule Citation

Rule 304.b.(7).H.

Directional Well Plat. If the proposed Oil and Gas Location includes one or more directional Wells, a map showing the surface hole location and the proposed wellbore trajectory with the top of the productive zone and bottom-hole location for each Well.

Purpose of Attachment

1. New eForm/Database Attachment name: DIRECTIONAL WELL PLAT
 - a. Previous eForm/Database Attachment name: MULTI-WELL PLAN
2. What the attachment provides:
 - a. The Directional Well Plat provides an illustration of the spacing and density of the directional wells planned for a proposed multi-well location. COGCC staff compares this overview of the planned development to the existing approved well spacing and density in the area around the proposed location; if the plat appears to vary significantly from what is currently approved, the COGCC will contact the operator for additional information. The Director will not recommend for approval a surface disturbance for drilling development that does not comply with applicable rules and orders.
3. How it relates to the purpose of the form:
 - a. The Directional Well Plat aids the COGCC Staff in their assessment of a proposed Oil and Gas Location by providing the downhole context for why this particular location and not another has been chosen. By identifying the wellbore paths to the minerals the proposed location is intended to develop, the Directional Well Plat provides COGCC Staff with an understanding of the possible siting and engineering challenges of alternative locations to develop the same minerals. Also, by including all proposed wells on one map, the Directional Well Plat allows for COGCC Staff to view the complete planned well development at a location and assess the engineering feasibility of the proposed wellbore orientations and spacing.

DIRECTIONAL WELL PLAT GUIDANCE

4. When it is required:
 - a. A Directional Well Plat is required when a proposed Oil and Gas Location includes one or more directional wells.
5. When it is not required (if applicable):
 - a. A Directional Well Plat is not required if no directional wells are planned from the proposed Oil and Gas Location.

Requirements List

1. Required attachment for a Form 2A submitted with one or more directional wells.
2. Includes governmental survey lines for quarter-quarters and/or lots and/or tracts and sections.
3. Includes labels of governmental survey information for section(s), township(s), and range(s).
4. Includes the following map components:
 - a. A map legend.
 - b. A scale bar.
 - c. A north arrow.
 - d. Operator name.
 - e. The oil and gas location name.
 - f. The individual well names and numbers.
 - g. Date of completion of the scaled drawing.
5. Includes the full proposed wellbore trajectory for each well, with the surface hole location, top of productive zone, and bottom hole location clearly indicated.
6. The plat must include the same number of wells as is listed in the facilities section of the Form 2A; total number of wells includes existing and producing wells. If applicable, vertical wells should also be shown in plan view on the plat.
7. Includes the trajectory from the surface hole to the top of the productive zone and then to the bottom hole location for any existing wells on the location and of the proposed wells.
8. Include an inset drawing showing a zoomed-in view of the surface hole locations and annotations regarding the planned distances between the proposed surface hole locations.

General Notes

DIRECTIONAL WELL PLAT GUIDANCE

1. The tops of the productive zone, bottom hole locations, and wellbore trajectories illustrated on this attachment are not “binding” in terms of actual individual well plats and locations.
2. Operators should not include neighboring Locations and offset wells, unless the inclusion of such information is helpful in understanding the siting, spacing, or development of the proposed Location and its associated wells.